

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111130.D
 Acq On : 6 Dec 2018 11:24
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 12/10/2018 12:18:53 PM

Quant Time: Dec 07 11:06:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 13:41:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	544540	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2255650	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	1100188	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1888021	20.00	ng	0.00
76) Chrysene-d12	13.97	240	1343774	20.00	ng	0.00
87) Perylene-d12	15.40	264	1109701	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	2590631	74.24	ng	0.00
7) Phenol-d6	6.44	99	3333651	74.16	ng	0.00
23) Nitrobenzene-d5	7.37	82	3102511	81.43	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	705568	80.68	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4728525	78.45	ng	0.00
79) Terphenyl-d14	12.92	244	4446799	67.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	736697	36.702	ng	99
3) Pyridine	3.26	79	1664557	37.391	ng	98
4) n-Nitrosodimethylamine	3.20	42	819198	37.374	ng	92
6) Aniline	6.47	93	2269418	37.787	ng	99
8) 2-Chlorophenol	6.59	128	1512201	37.596	ng	97
9) Benzaldehyde	6.35	77	917221	37.217	ng	96
10) Phenol	6.45	94	1832156m	37.380	ng	
11) bis(2-Chloroethyl)ether	6.55	93	1506006	37.594	ng	98
12) 1,3-Dichlorobenzene	6.75	146	1618123	37.827	ng	97
13) 1,4-Dichlorobenzene	6.83	146	1639404	38.083	ng	96
14) 1,2-Dichlorobenzene	6.98	146	1517413	37.893	ng	98
15) Benzyl Alcohol	6.95	79	1369828	38.460	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2969776	38.110	ng	99
17) 2-Methylphenol	7.06	107	1256536	38.057	ng	99
18) Hexachloroethane	7.33	117	622984	38.578	ng	90
19) n-Nitroso-di-n-propylamine	7.23	70	1149152	38.040	ng	98
20) 3+4-Methylphenols	7.22	107	1497231	37.180	ng	97
22) Acetophenone	7.22	105	2017353	37.009	ng	# 97
24) Nitrobenzene	7.39	77	1619291	39.506	ng	98
25) Isophorone	7.63	82	2629072	37.600	ng	98
26) 2-Nitrophenol	7.70	139	783910	45.263	ng	98
27) 2,4-Dimethylphenol	7.75	122	1238415	37.968	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	1798033	37.985	ng	98
29) 2,4-Dichlorophenol	7.95	162	1247197	38.840	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	1257395	38.795	ng	100
31) Naphthalene	8.12	128	3826075	38.959	ng	99
32) Benzoic acid	7.86	122	918087	42.684	ng	97
33) 4-Chloroaniline	8.16	127	1809787	38.123	ng	99
34) Hexachlorobutadiene	8.24	225	694772	39.445	ng	100
35) Caprolactam	8.53	113	461344	39.130	ng	95
36) 4-Chloro-3-methylphenol	8.64	107	1350857	38.407	ng	99
37) 2-Methylnaphthalene	8.80	142	2605562	38.462	ng	99
38) 1-Methylnaphthalene	8.90	142	2495432	38.315	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1083609	36.955	ng	99

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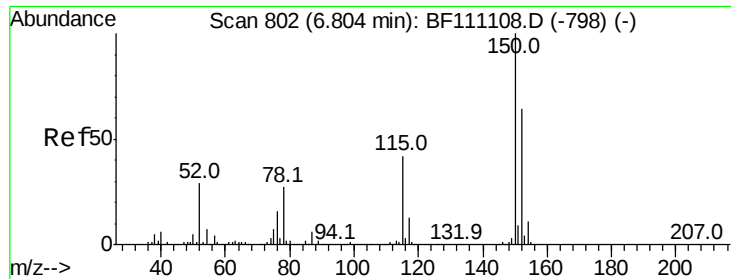
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Quant Time: Dec 07 11:06:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	630650	40.789	nq	99
43) 2,4,6-Trichlorophenol	9.08	196	813403	37.982	nq	96
44) 2,4,5-Trichlorophenol	9.12	196	836087	38.513	nq	98
46) 1,1'-Biphenyl	9.27	154	3300995	36.652	nq	99
47) 2-Chloronaphthalene	9.29	162	2586166	36.953	nq	99
48) 2-Nitroaniline	9.38	65	918119	40.481	nq	99
49) Acenaphthylene	9.71	152	3681130	37.629	nq	99
50) Dimethylphthalate	9.57	163	2860421	37.357	nq	98
51) 2,6-Dinitrotoluene	9.63	165	675402	41.605	nq	94
52) Acenaphthene	9.88	154	2400330	37.141	nq	100
53) 3-Nitroaniline	9.79	138	833474	40.874	nq	98
54) 2,4-Dinitrophenol	9.89	184	218996	45.665	nq	90
55) Dibenzofuran	10.05	168	3411443	38.324	nq	100
56) 4-Nitrophenol	9.95	139	636035	41.392	nq	97
57) 2,4-Dinitrotoluene	10.03	165	878304	41.892	nq	95
58) Fluorene	10.39	166	2399076	38.219	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	660277	40.751	nq	94
60) Diethylphthalate	10.27	149	2929188	38.280	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	1222913	39.532	nq	98
62) 4-Nitroaniline	10.40	138	776466	42.190	nq	99
63) Azobenzene	10.55	77	3033380	37.235	nq	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	361462	46.341	nq	84
66) n-Nitrosodiphenylamine	10.50	169	2450309	37.064	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	760981	38.076	nq	98
68) Hexachlorobenzene	10.95	284	792412	38.775	nq	96
69) Atrazine	11.03	200	632660	36.335	nq	98
70) Pentachlorophenol	11.13	266	551087	41.007	nq	98
71) Phenanthrene	11.35	178	3490096	38.430	nq	99
72) Anthracene	11.40	178	3531321	38.575	nq	100
73) Carbazole	11.56	167	3610912	37.908	nq	99
74) Di-n-butylphthalate	11.90	149	4166827	37.370	nq	99
75) Fluoranthene	12.54	202	3437491	38.681	nq	98
77) Benzidine	12.66	184	1499942	36.824	nq	99
78) Pyrene	12.77	202	3543885	33.851	nq	99
80) Butylbenzylphthalate	13.39	149	1898559	37.540	nq	95
81) Benzo(a)anthracene	13.95	228	2801402	35.582	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	1131481	38.081	nq	97
83) Chrysene	13.99	228	2818795	36.064	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	2348583	38.446	nq	97
85) Di-n-octyl phthalate	14.57	149	3963985	41.277	nq	98
86) Indeno(1,2,3-cd)pyrene	16.82	276	2008054m	31.998	nq	
88) Benzo(b)fluoranthene	14.99	252	2594565	41.262	nq	99
89) Benzo(k)fluoranthene	15.02	252	2201803	36.221	nq	99
90) Benzo(a)pyrene	15.34	252	2188014	37.936	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	1684007	34.793	nq	99
92) Benzo(g,h,i)perylene	17.24	276	1664559	34.223	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

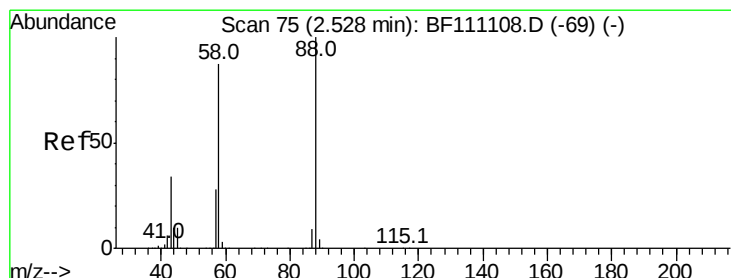
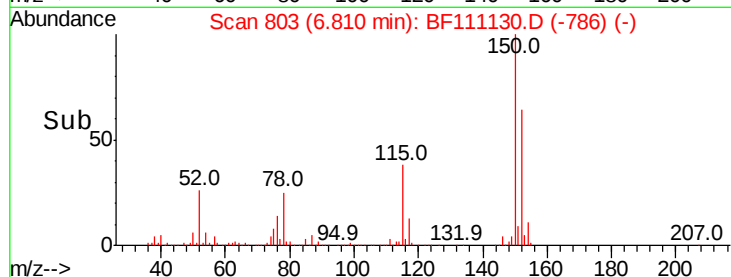
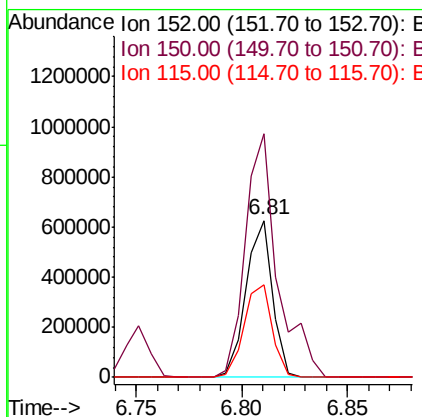
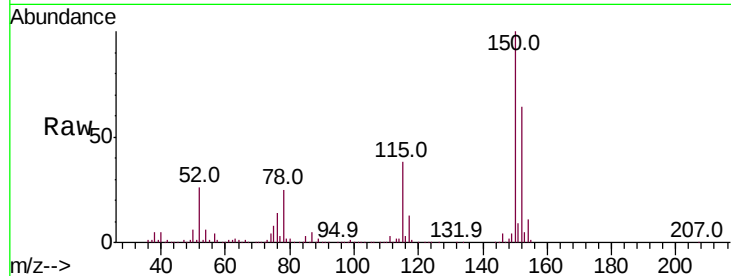
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	187.0
115	59.0	52.2	78.2

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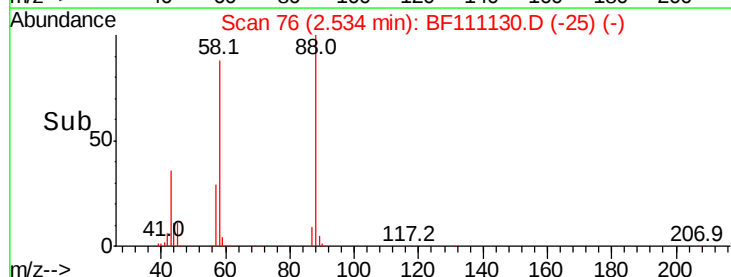
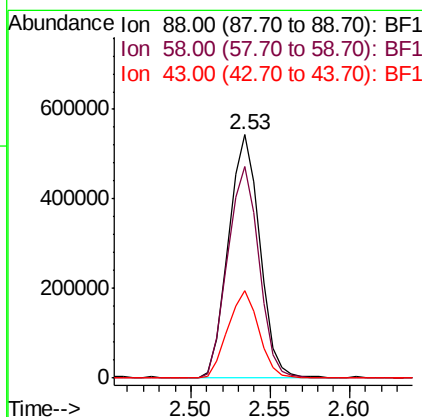
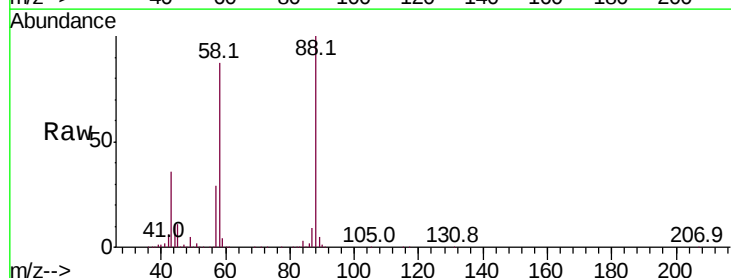
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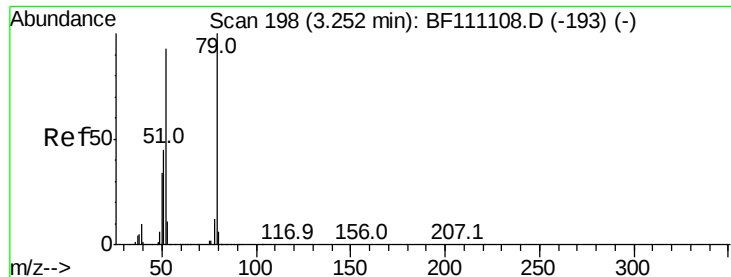


#2

1,4-Dioxane
Concen: 36.702 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.8	70.8	106.2
43	35.8	28.3	42.5





#3

Pvridine

Concen: 37.391 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1664557

Ion Ratio Lower Upper

79 100

52 90.5 74.7 112.1

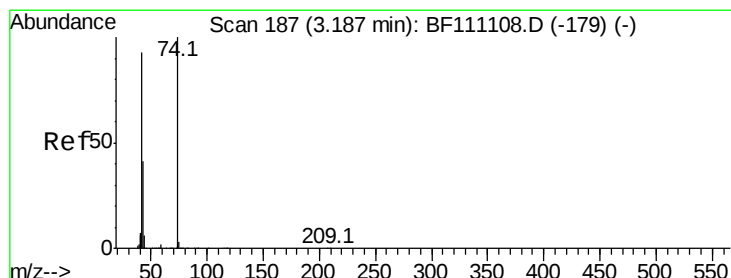
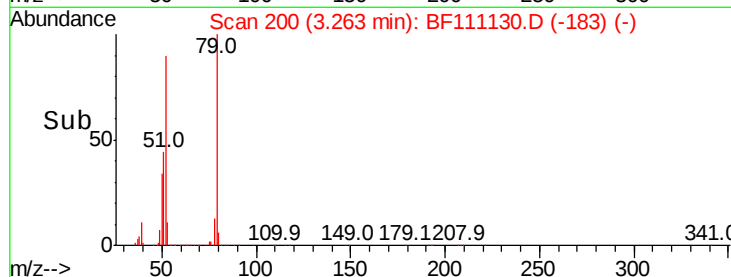
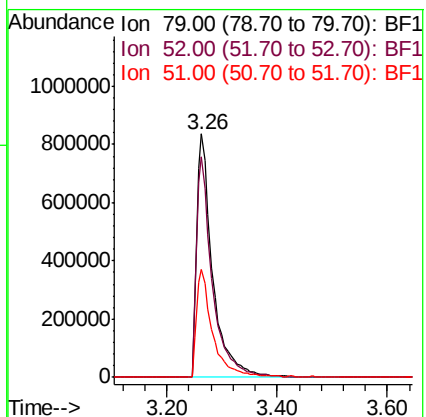
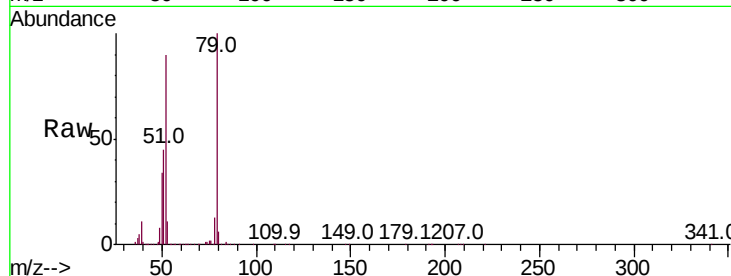
51 44.6 35.9 53.9

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 37.374 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

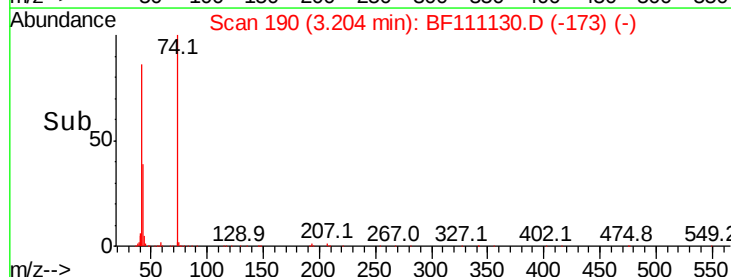
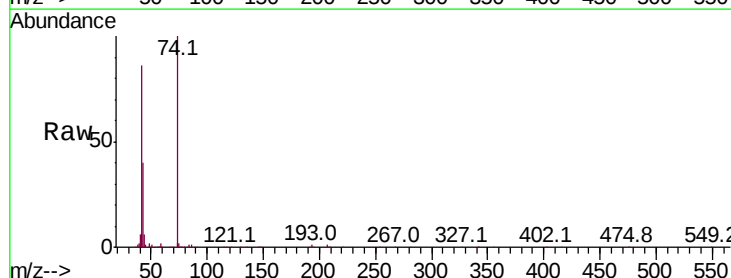
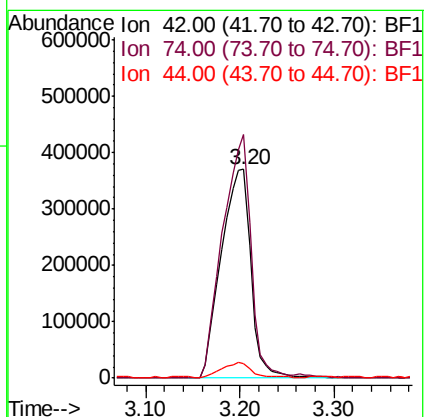
Tgt Ion: 42 Resp: 819198

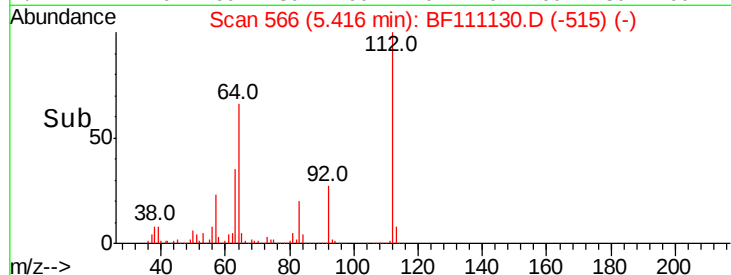
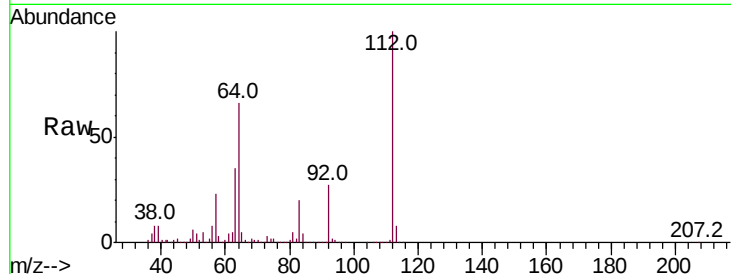
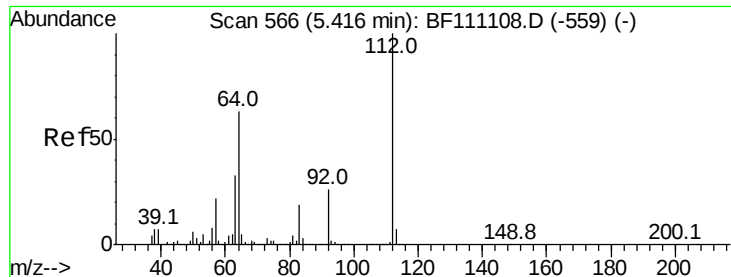
Ion Ratio Lower Upper

42 100

74 116.5 86.2 129.2

44 6.9 5.7 8.5





#5

2-Fluorophenol

Concen: 74.238 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

Tot Ion:	112	Resp:	2590631
Ion	Ratio	Lower	Upper
112	100		
64	66.2	50.2	75.4
63	34.9	26.6	39.8

Instrument :

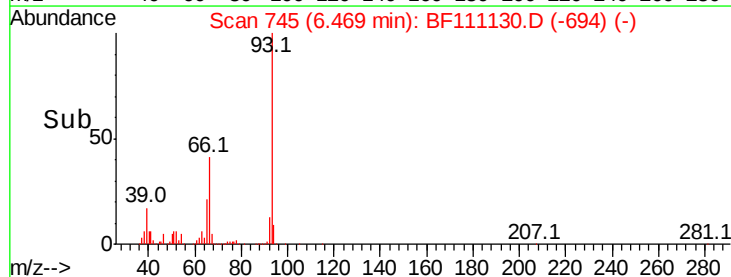
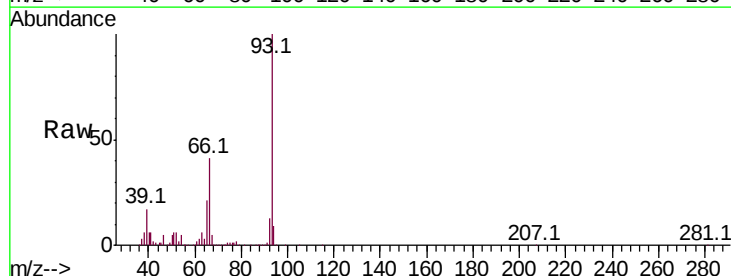
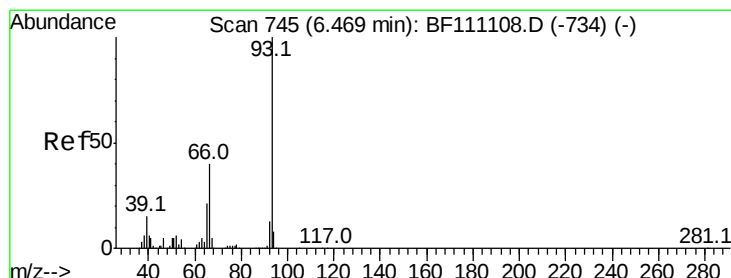
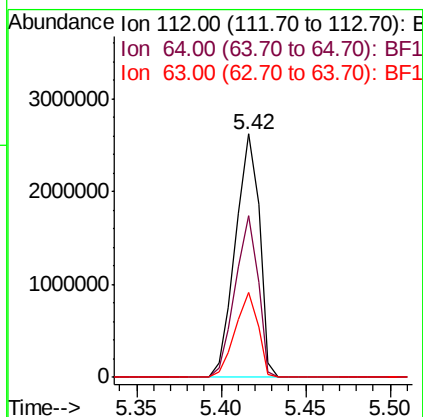
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
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#6

Aniline

Concen: 37.787 ng

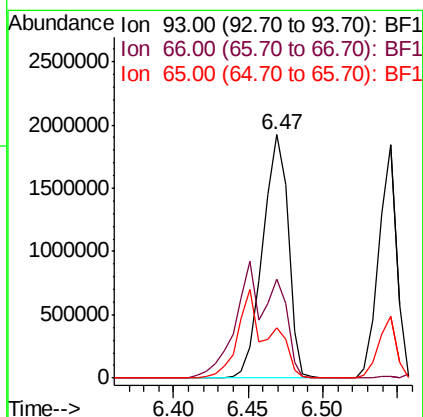
RT: 6.47 min Scan# 745

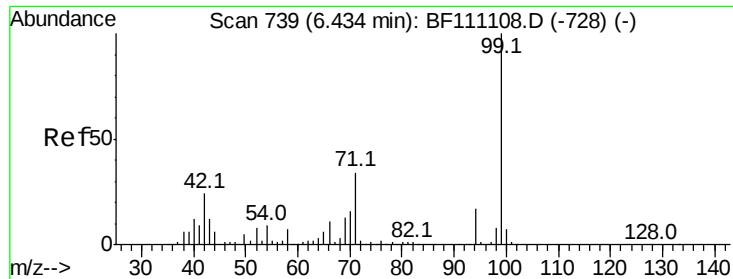
Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

Tgt Ion:	93	Resp:	2269418
Ion	Ratio	Lower	Upper
93	100		
66	40.9	31.8	47.8
65	20.8	16.6	24.8





#7

Phenol-d6

Concen: 74.160 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 3333651

Ion Ratio Lower Upper

99 100

42 23.8 19.3 28.9

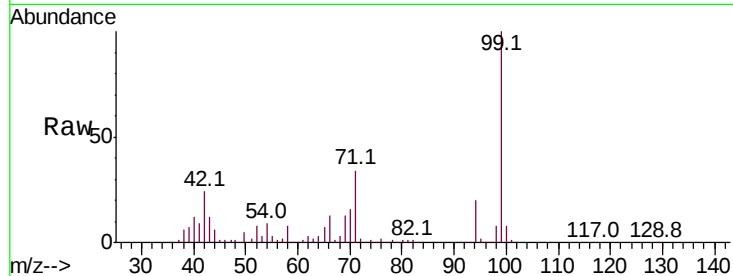
71 33.8 27.4 41.2

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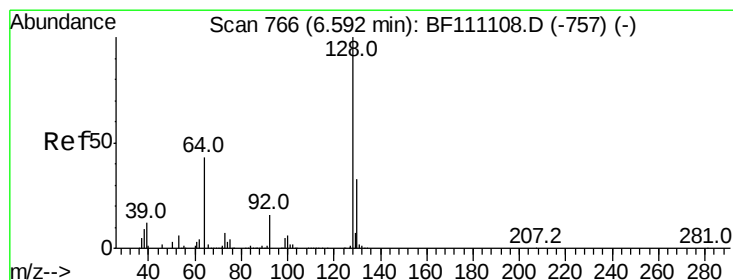
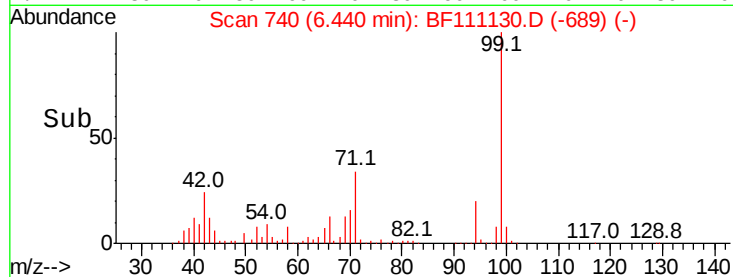
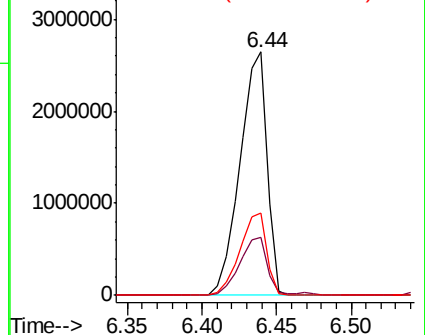
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.596 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

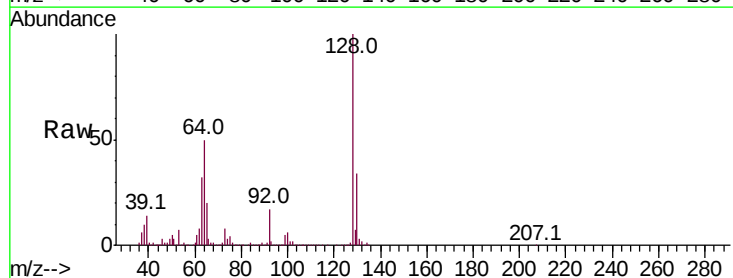
Tgt Ion:128 Resp: 1512201

Ion Ratio Lower Upper

128 100

130 33.5 12.8 52.8

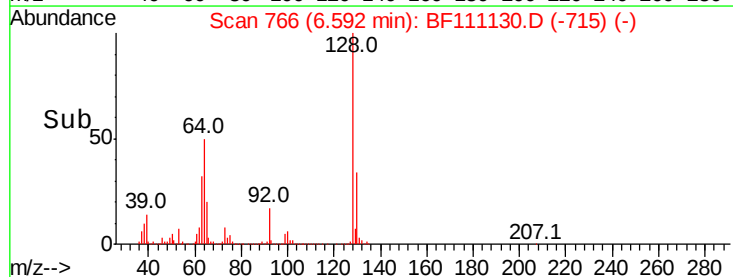
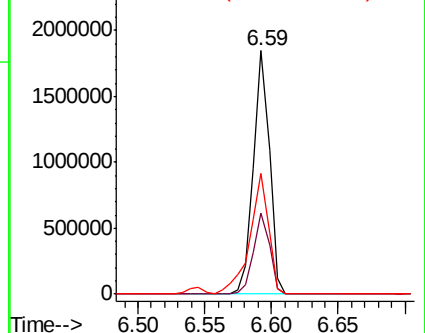
64 49.8 26.6 66.6

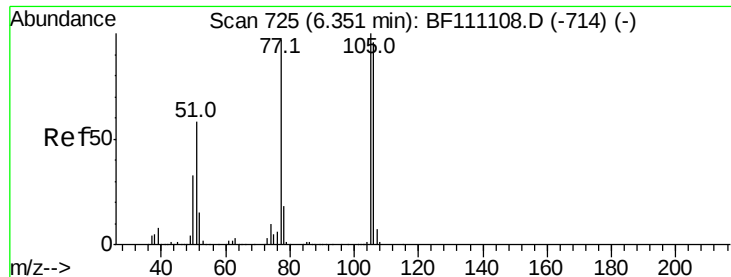


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.217 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

Instrument :

BNA_F

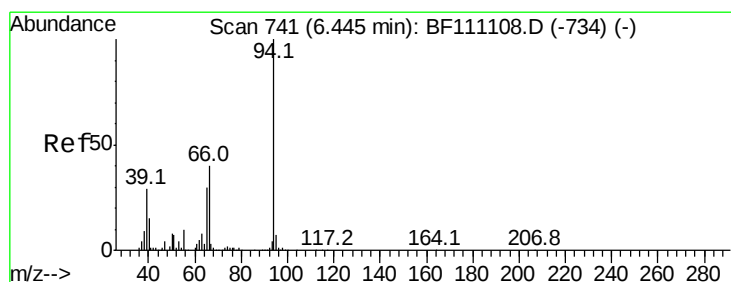
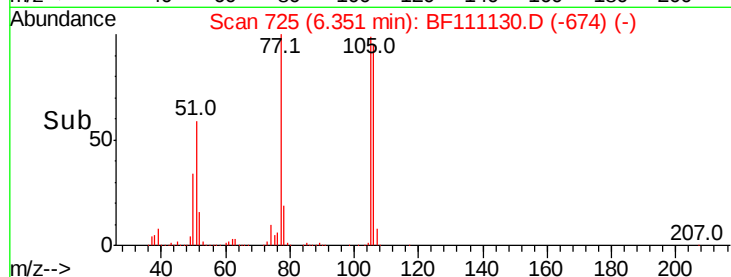
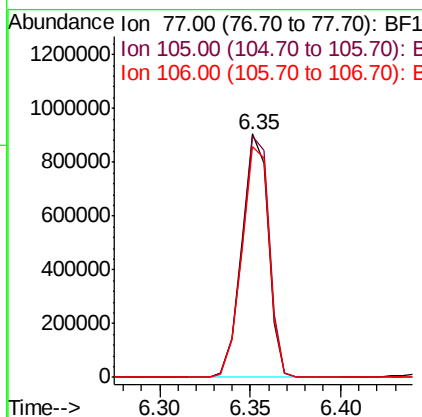
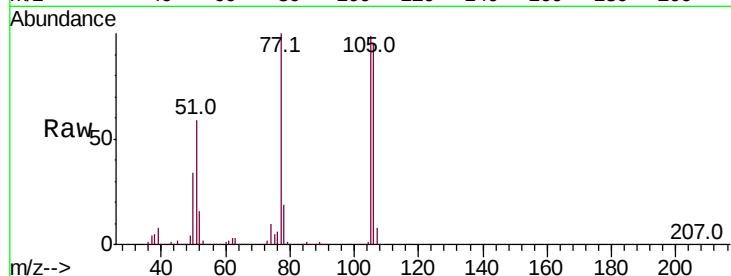
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.1	83.1	123.1
106	94.7	79.0	119.0

Manual Integrations
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#10

Phenol

Concen: 37.380 ng m

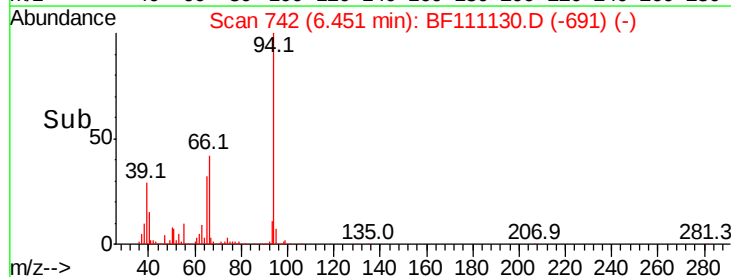
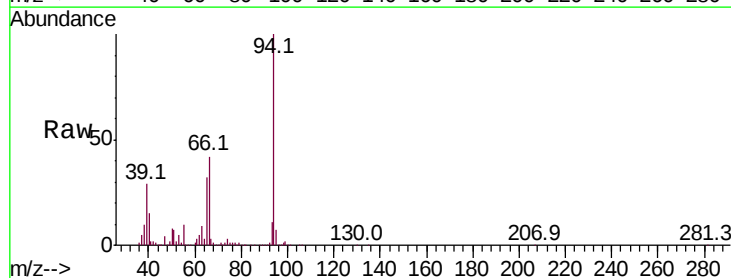
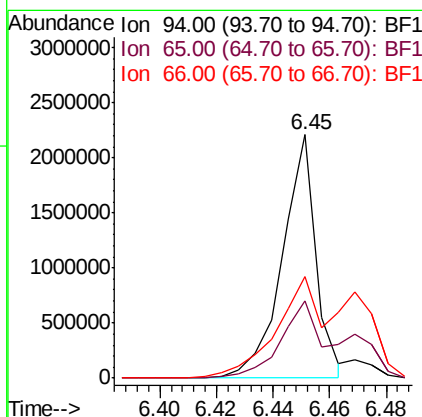
RT: 6.45 min Scan# 742

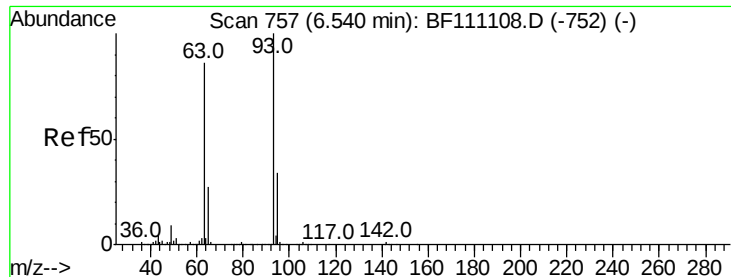
Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.6	10.5	50.5
66	41.8	19.8	59.8





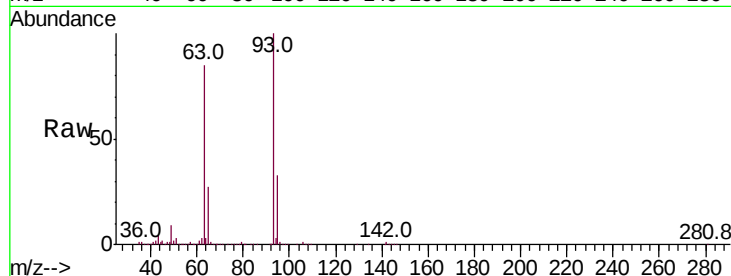
#11
bis(2-Chloroethyl)ether
Concen: 37.594 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

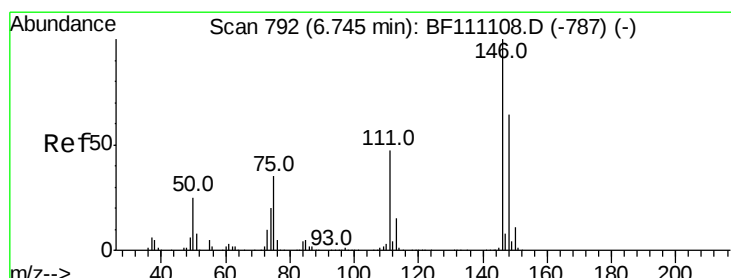
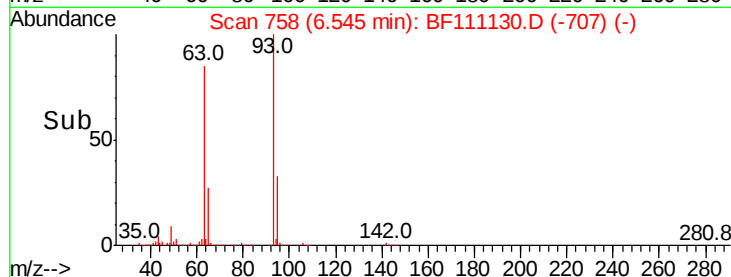
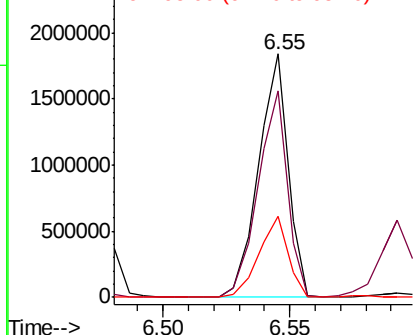
Tot Ion: 93 Resp: 1506006
Ion Ratio Lower Upper
93 100
63 84.6 66.0 106.0
95 33.2 14.3 54.3

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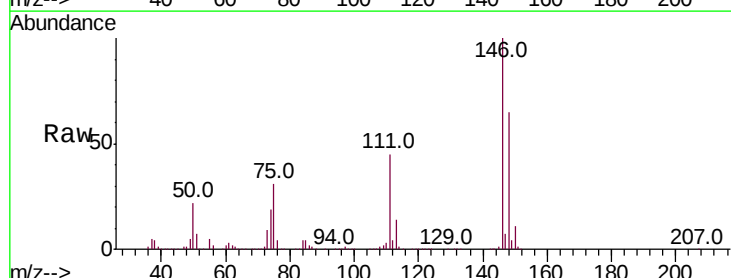


Abundance Ion 93.00 (92.70 to 93.70): BF1
2500000
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

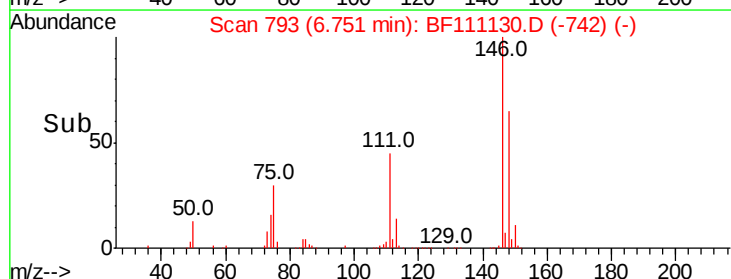
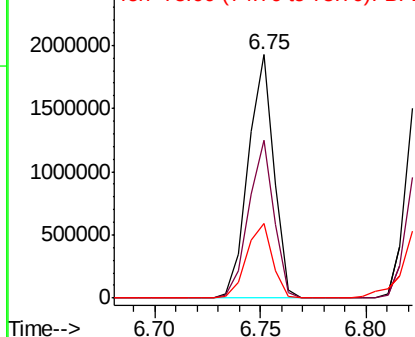


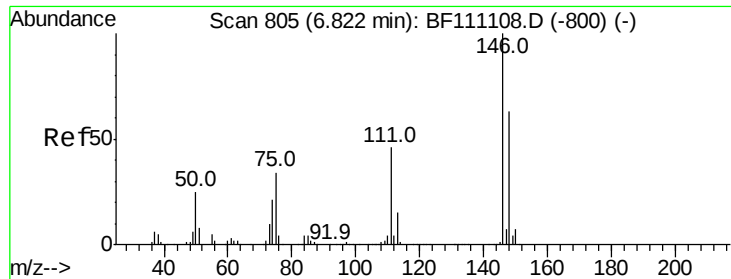
#12
1,3-Dichlorobenzene
Concen: 37.827 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion: 146 Resp: 1618123
Ion Ratio Lower Upper
146 100
148 64.7 51.3 76.9
75 30.9 27.7 41.5



Abundance Ion 146.00 (145.70 to 146.70): E
2500000
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





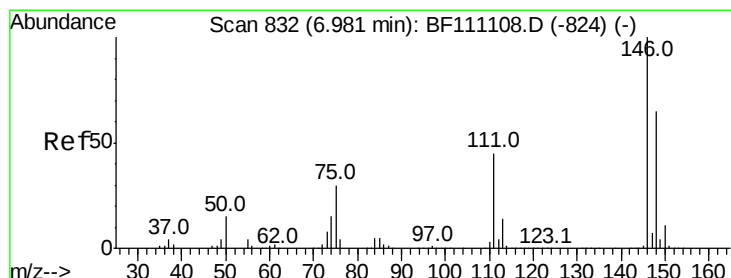
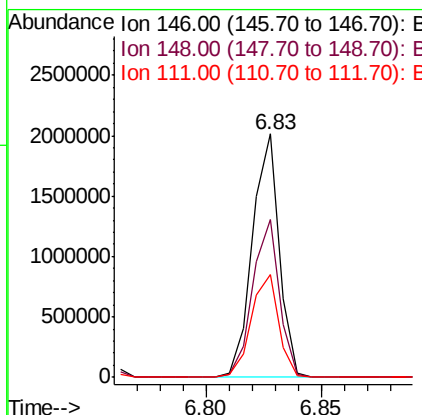
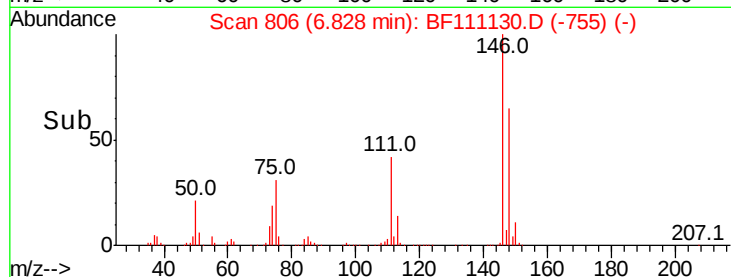
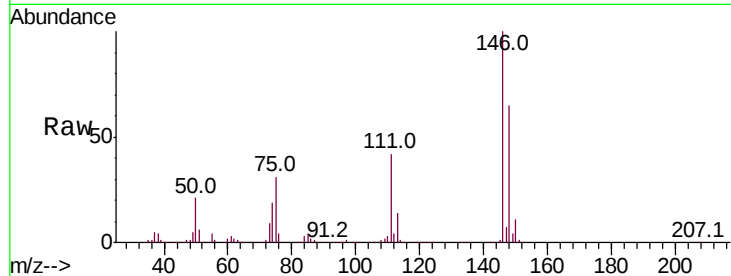
#13
1,4-Dichlorobenzene
Concen: 38.083 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:146 Resp: 1639404
Ion Ratio Lower Upper
146 100
148 65.0 50.3 75.5
111 42.4 36.6 55.0

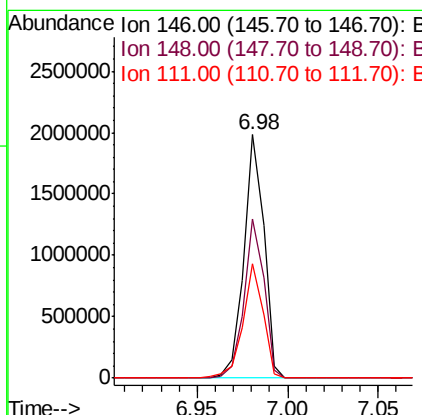
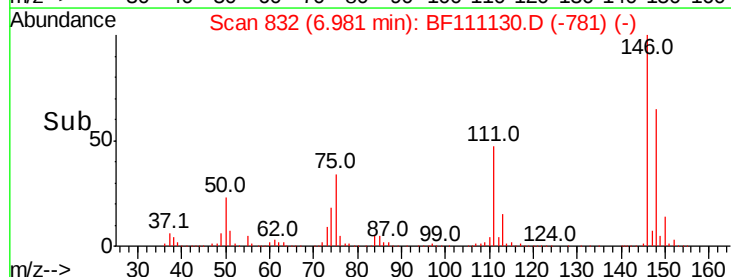
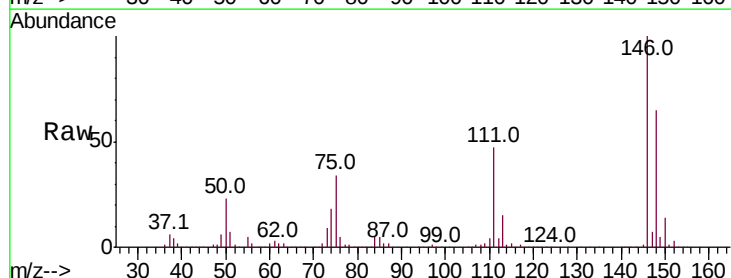
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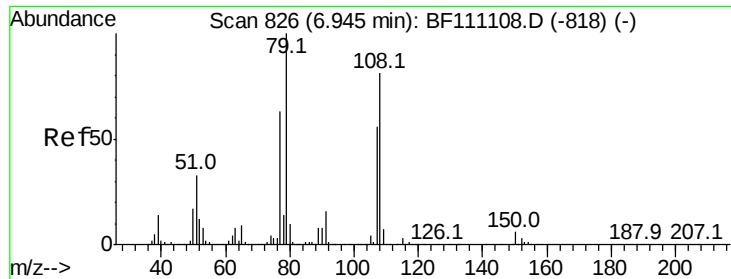
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#14
1,2-Dichlorobenzene
Concen: 37.893 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion:146 Resp: 1517413
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.6
111 47.1 35.7 53.5





#15

Benzyl Alcohol

Concen: 38.460 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1369828

Ion Ratio Lower Upper

79 100

108 82.4 64.5 96.7

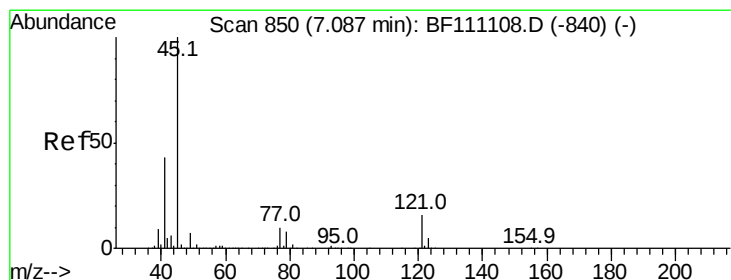
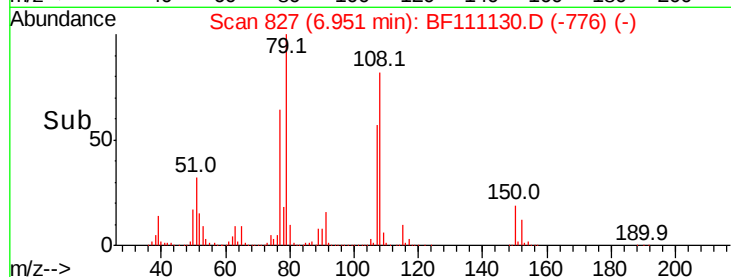
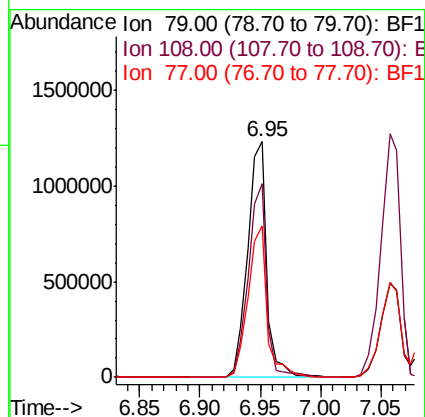
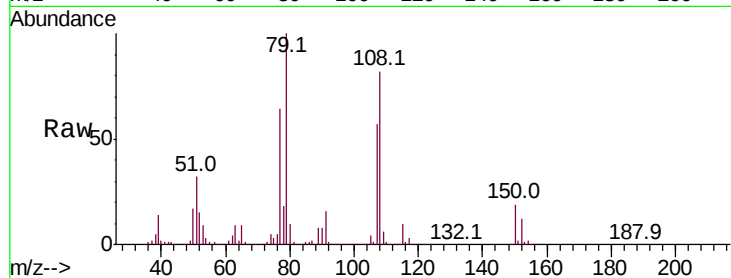
77 64.0 50.5 75.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.110 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

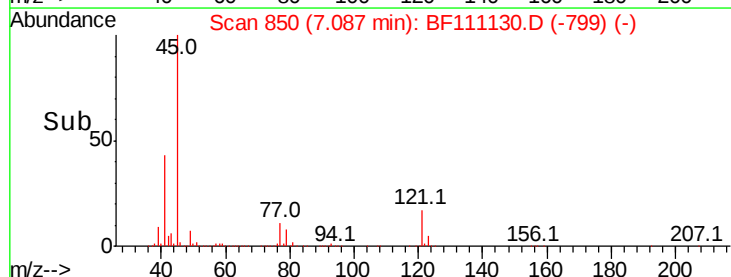
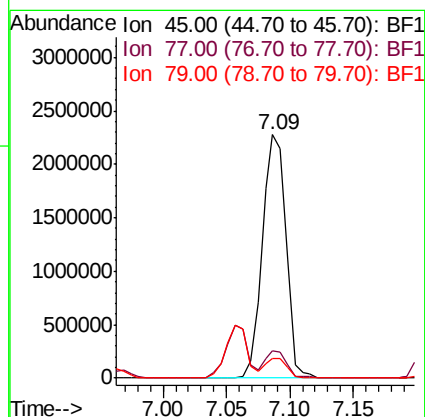
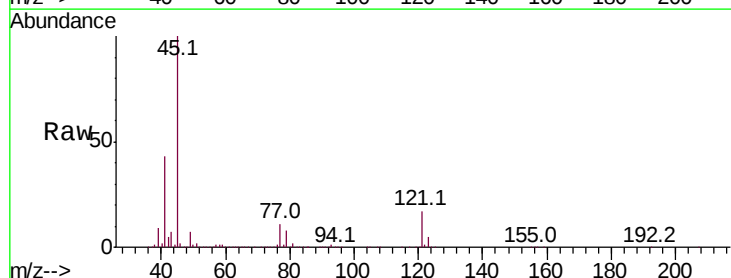
Tgt Ion: 45 Resp: 2969776

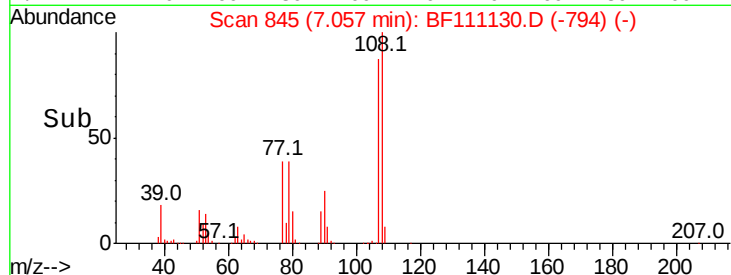
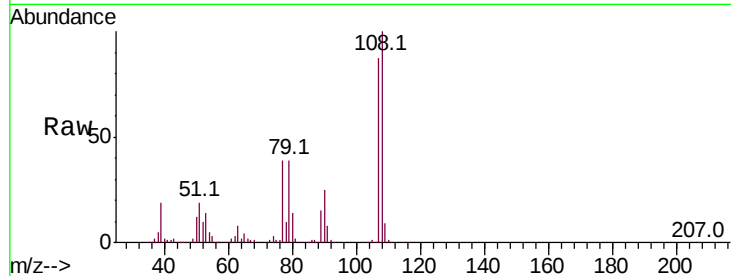
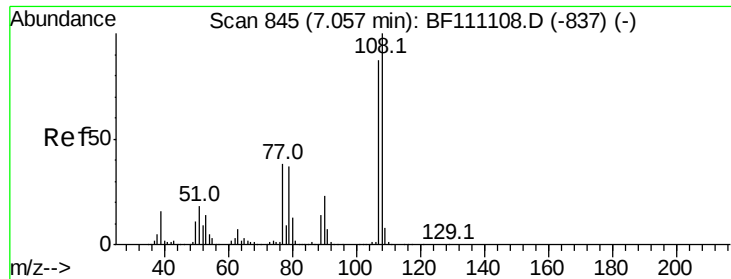
Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.6

79 8.1 0.0 28.4





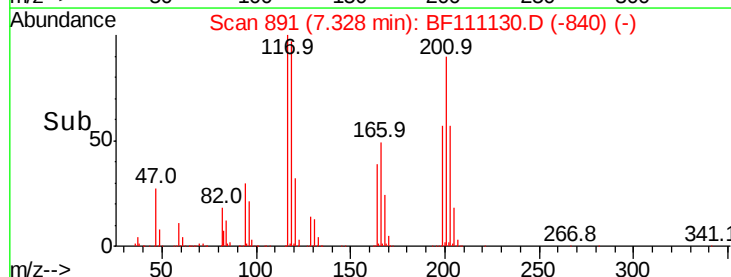
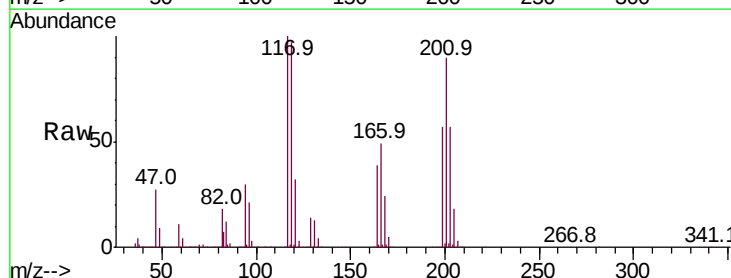
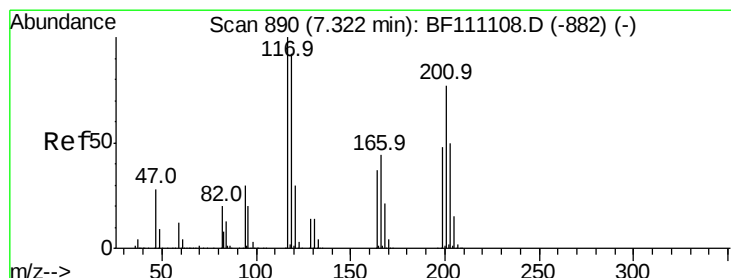
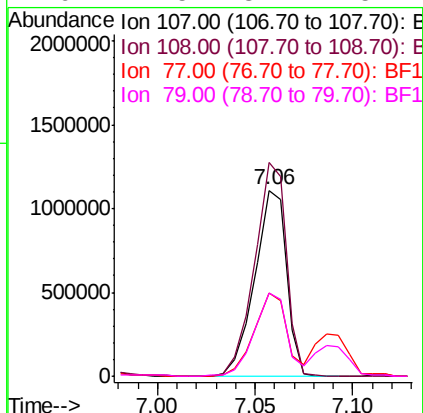
#17
2-Methylphenol
Concen: 38.057 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tot Ion	Ratio	Resp	Lower	Upper
107	100	1256536		
108	114.9	91.8	137.8	
77	44.8	34.7	52.1	
79	44.5	34.2	51.2	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

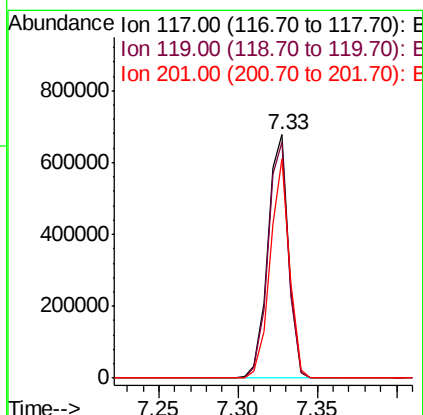
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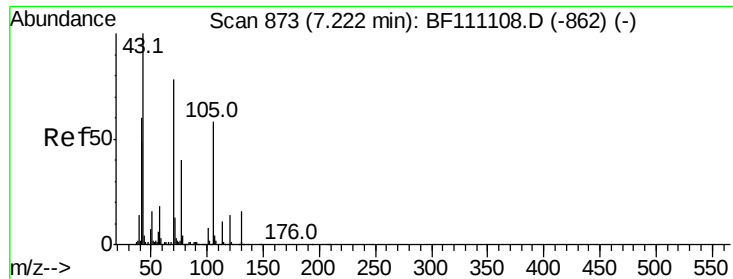
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#18
Hexachloroethane
Concen: 38.578 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	622984		
119	96.7	73.8	110.6	
201	90.0	61.2	91.8	





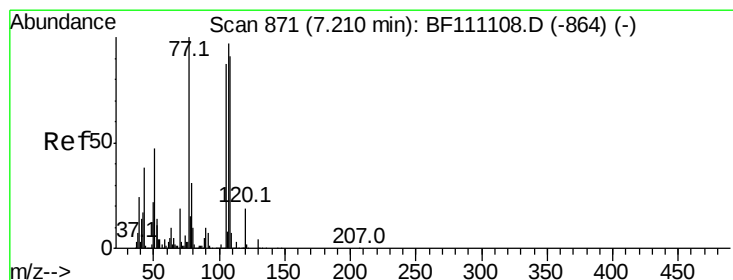
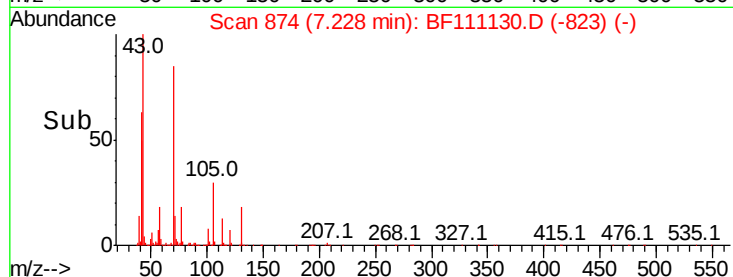
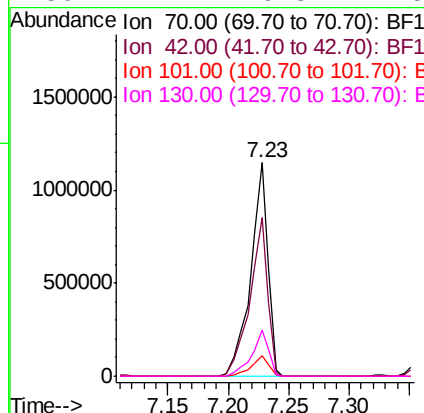
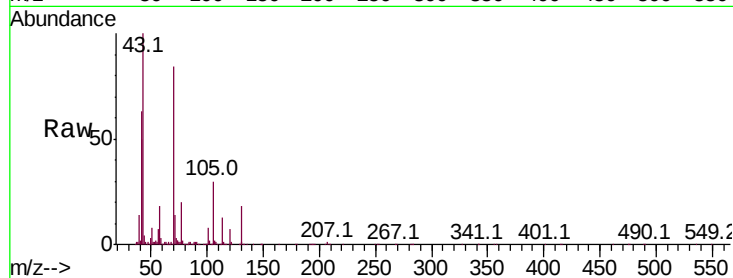
#19
n-Nitroso-di-n-propylamine
Concen: 38.040 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	74.4	61.3	91.9
101	9.8	7.7	11.5
130	21.4	16.3	24.5

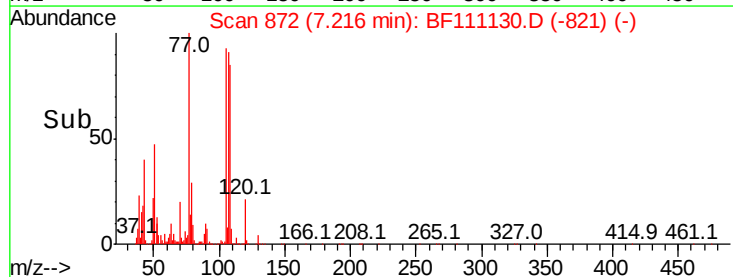
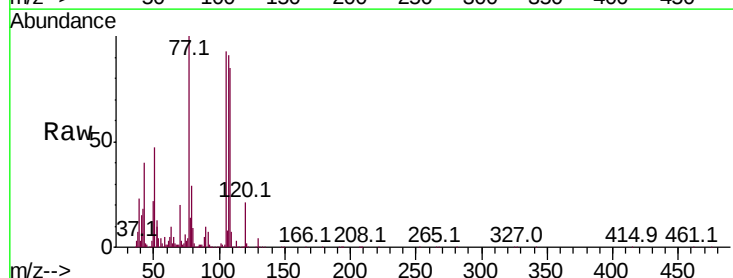
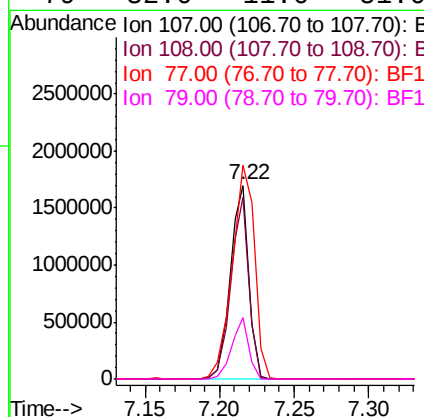
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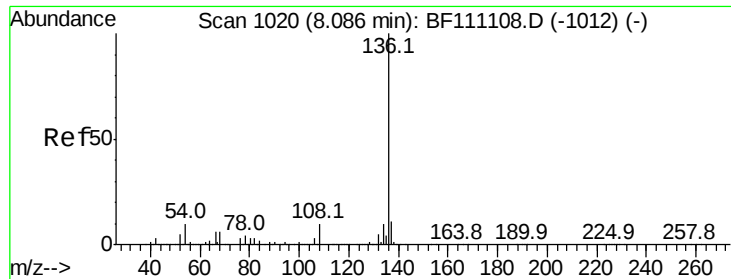
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#20
3+4-Methylphenols
Concen: 37.180 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.8	74.0	114.0
77	110.2	83.2	123.2
79	32.0	11.6	51.6





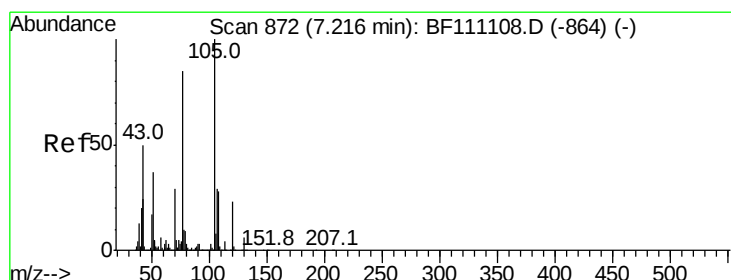
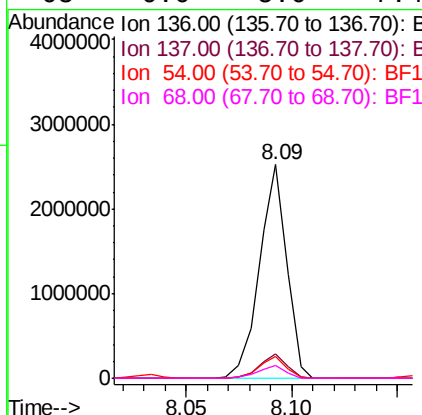
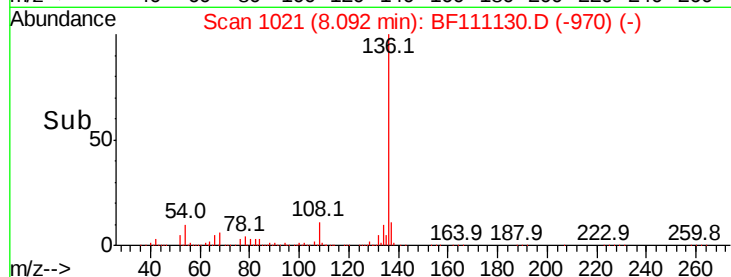
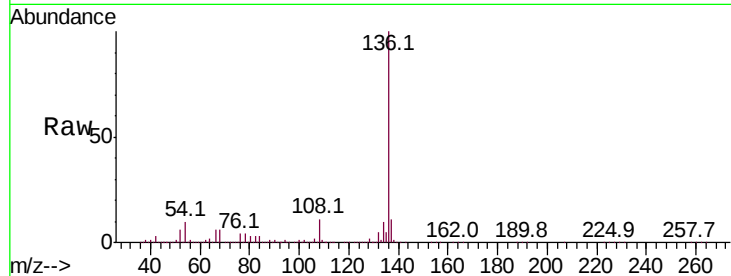
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	2255650		
137	11.2		9.0	13.6
54	10.3		8.4	12.6
68	6.0		5.0	7.4

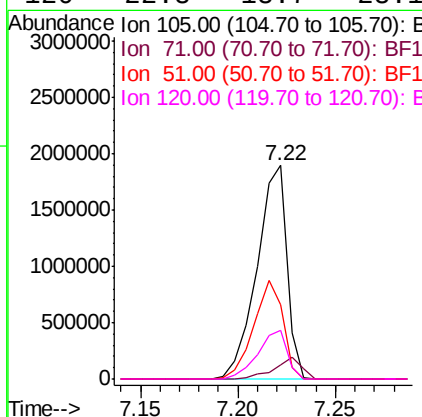
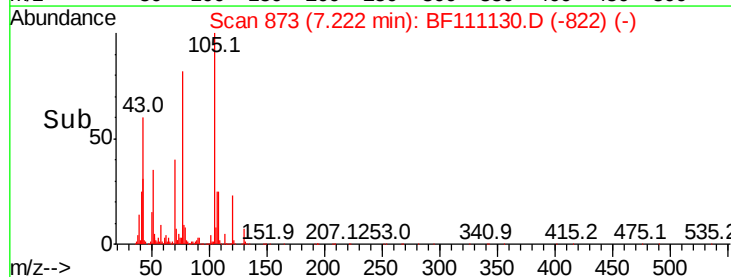
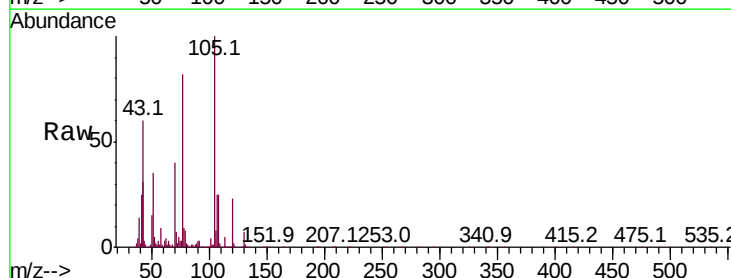
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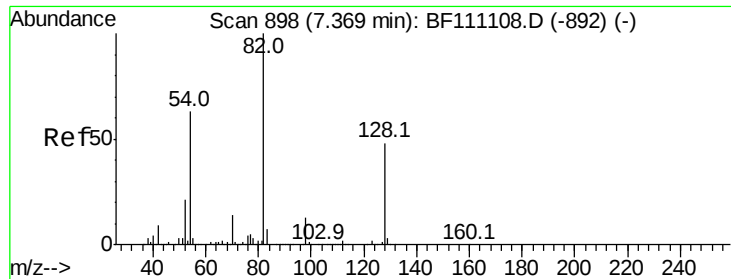
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#22
Acetophenone
Concen: 37.009 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	2017353		
71	6.5		4.0	6.0#
51	34.6		29.8	44.8
120	22.8		18.7	28.1





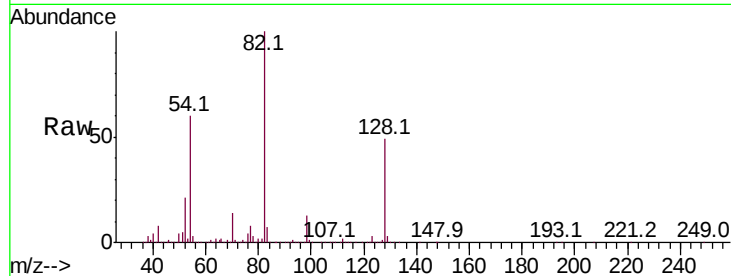
#23
Nitrobenzene-d5
Concen: 81.431 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

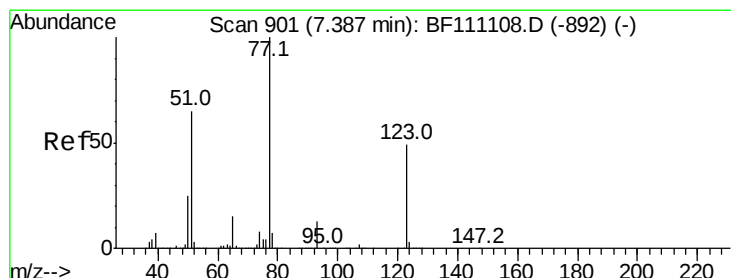
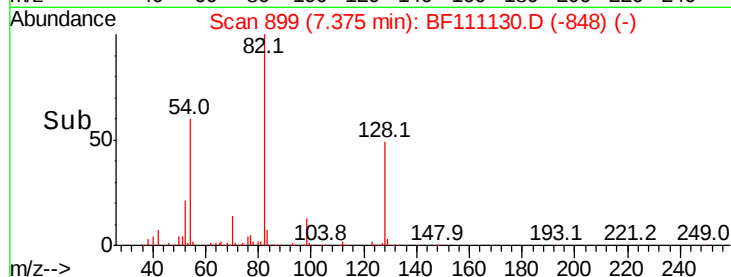
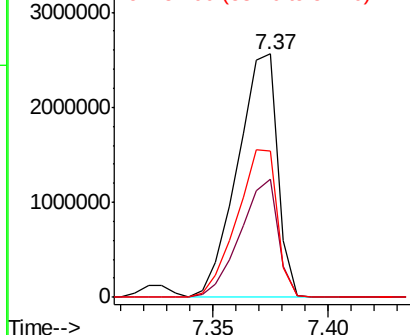
Tot Ion: 82 Resp: 3102511
Ion Ratio Lower Upper
82 100
128 48.6 38.1 57.1
54 60.1 50.3 75.5

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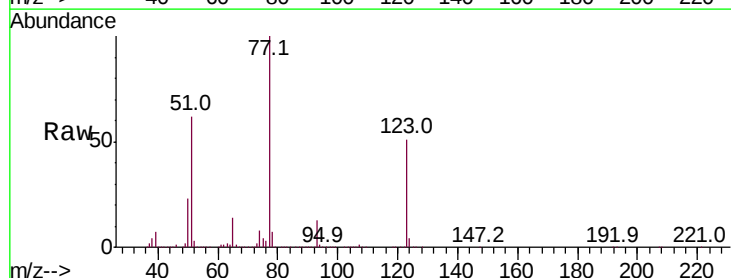


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

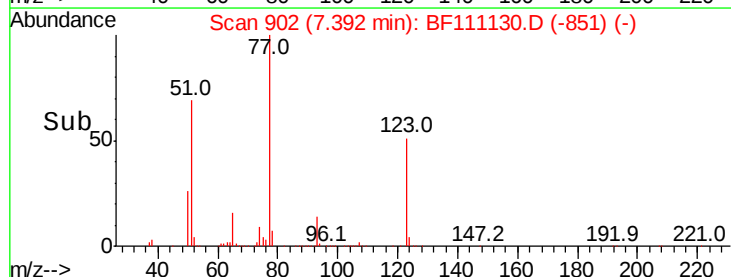
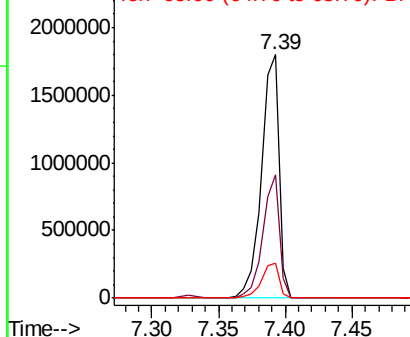


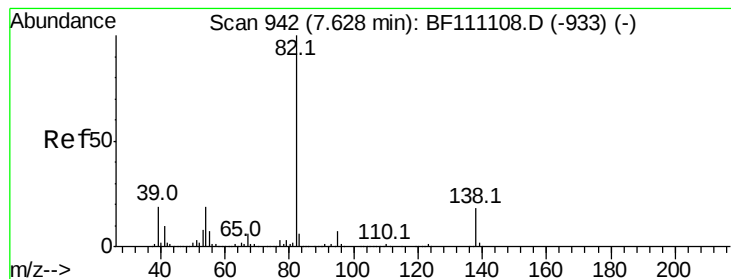
#24
Nitrobenzene
Concen: 39.506 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion: 77 Resp: 1619291
Ion Ratio Lower Upper
77 100
123 50.6 39.5 59.3
65 14.3 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.600 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 2629072

Ion Ratio Lower Upper

82 100

95 7.5 5.6 8.4

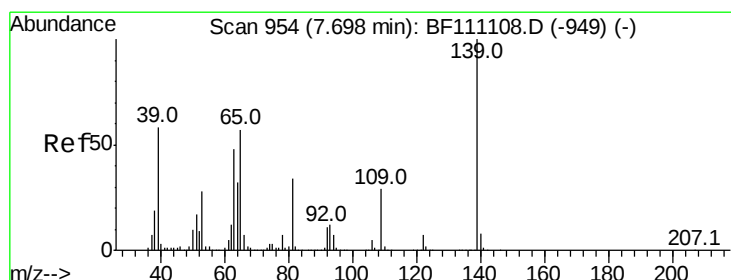
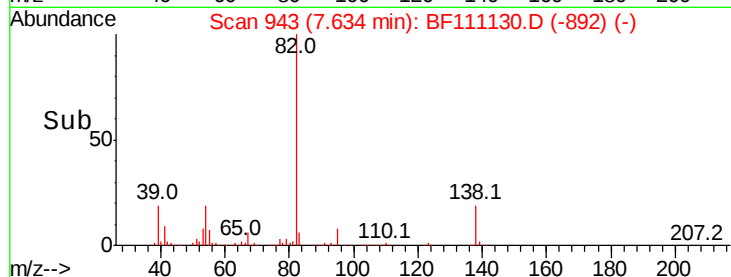
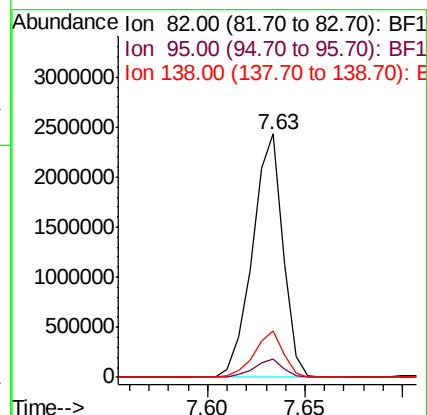
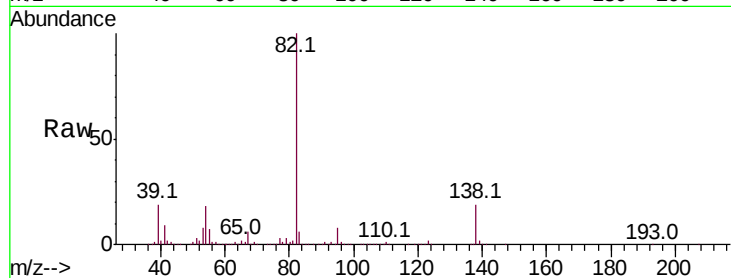
138 19.1 14.6 22.0

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#26

2-Nitrophenol

Concen: 45.263 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

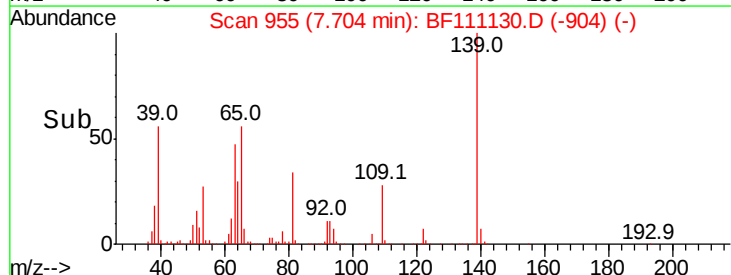
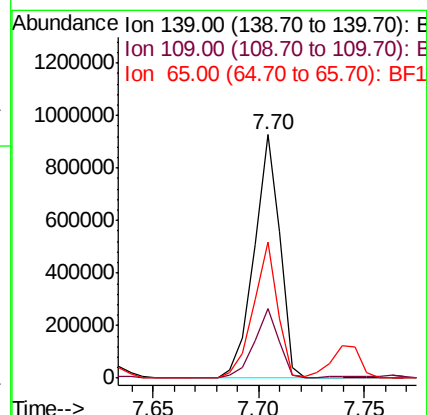
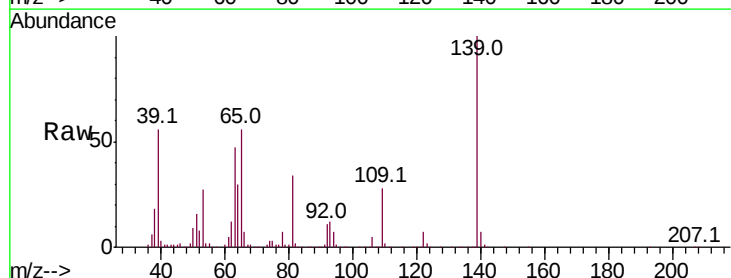
Tgt Ion: 139 Resp: 783910

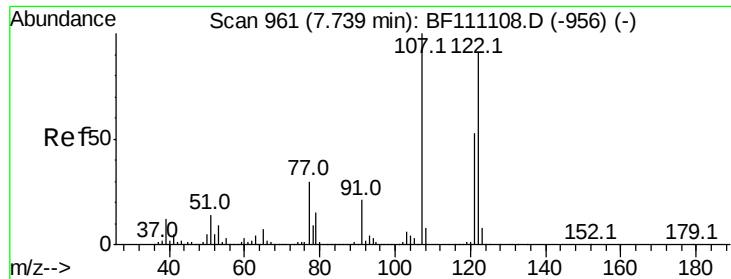
Ion Ratio Lower Upper

139 100

109 28.5 23.1 34.7

65 55.8 45.9 68.9





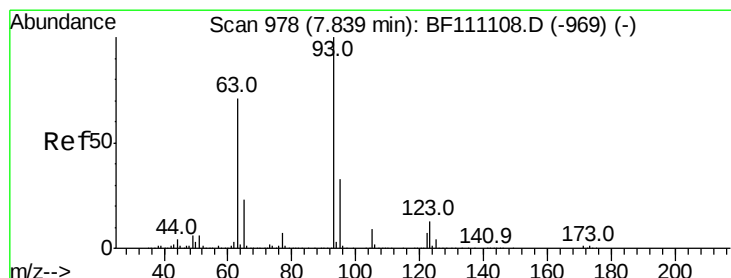
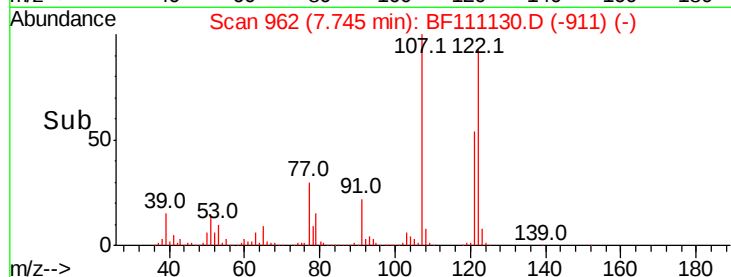
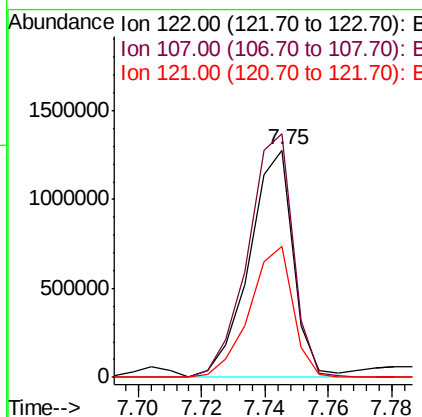
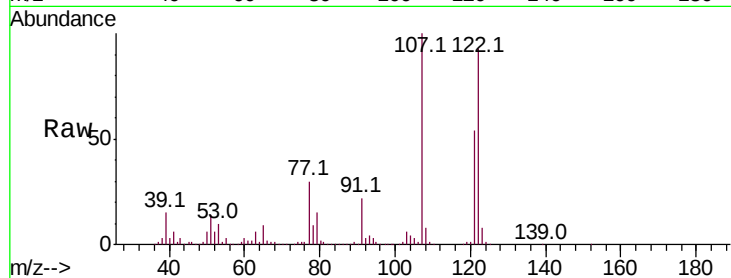
#27
2,4-Dimethylphenol
Concen: 37.968 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.0	87.4	131.0
121	57.4	45.9	68.9

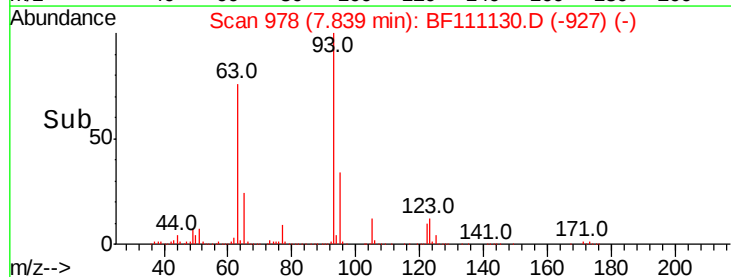
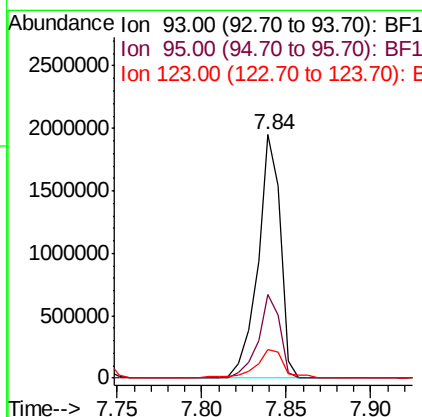
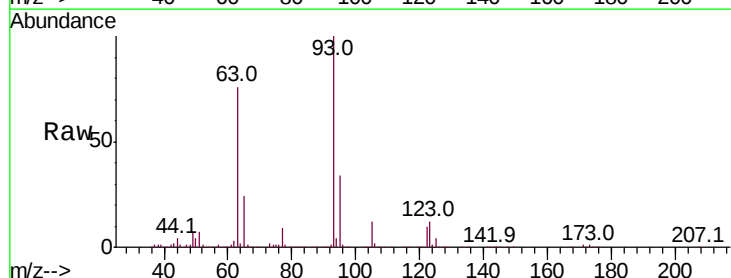
Manual Integrations
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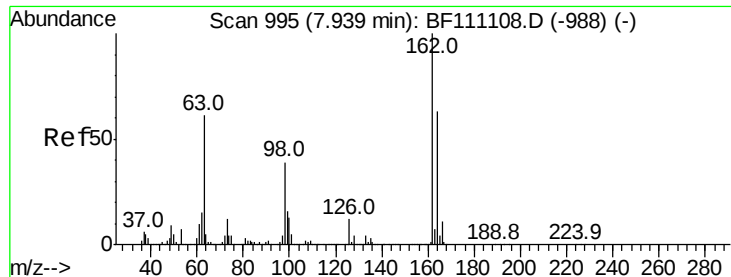
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 37.985 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	26.6	39.8
123	11.8	10.3	15.5





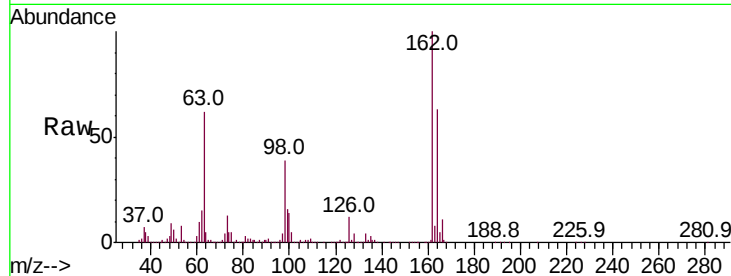
#29
2,4-Dichlorophenol
Concen: 38.840 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.3	83.3
98	38.6	18.9	58.9

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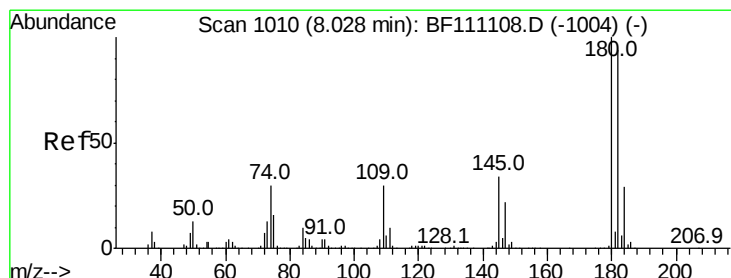
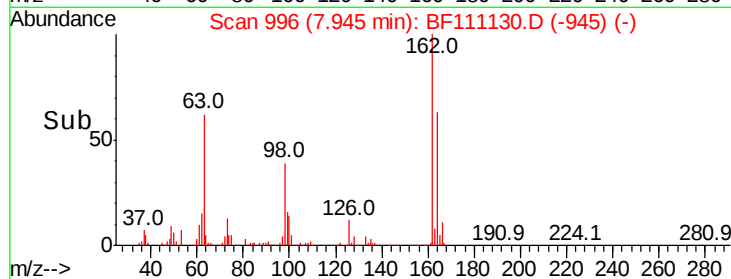
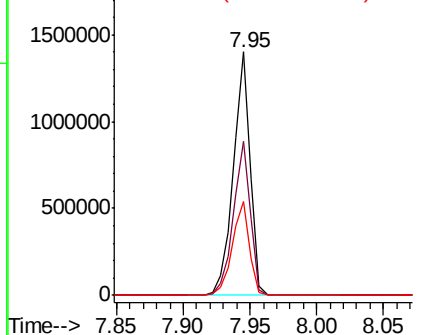


Abundance

Ion 162.00 (161.70 to 162.70): E

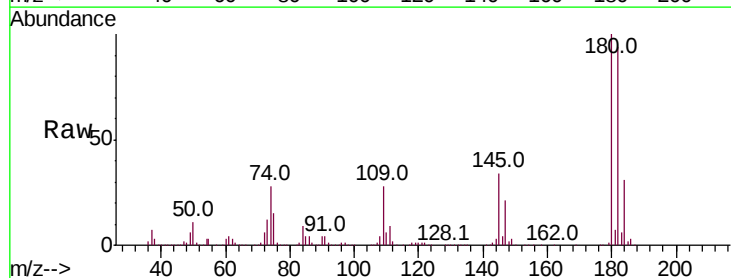
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.795 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.1	112.7
145	34.2	27.6	41.4

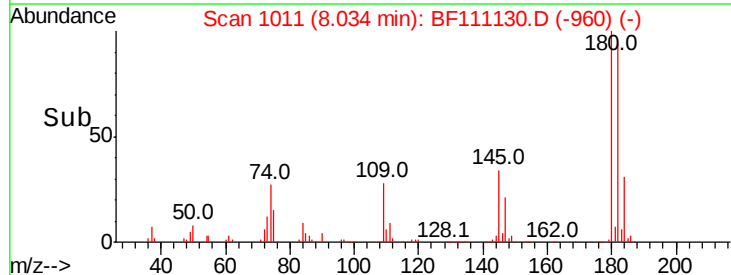
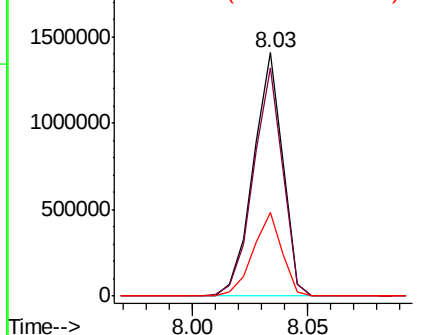


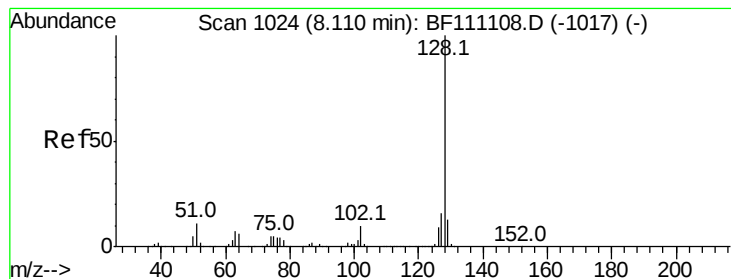
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.959 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 3826075

Ion Ratio Lower Upper

128 100

129 12.9 10.5 15.7

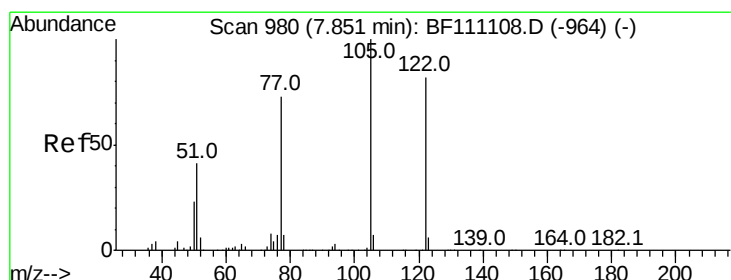
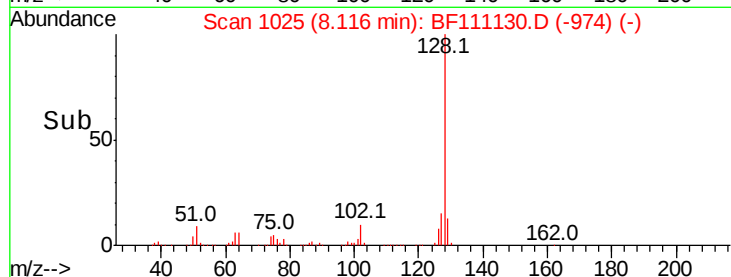
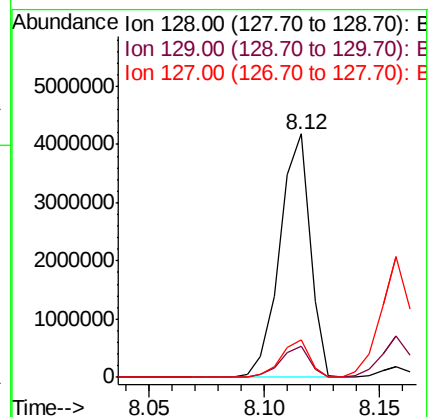
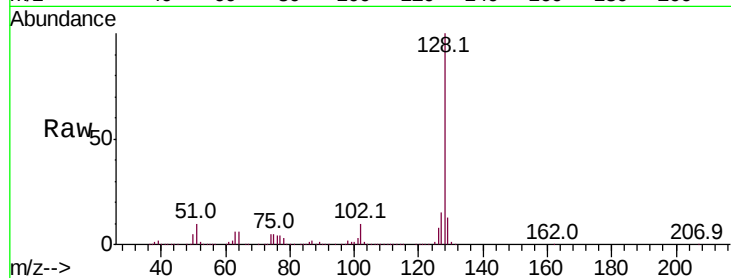
127 15.3 12.5 18.7

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#32

Benzoic acid

Concen: 42.684 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

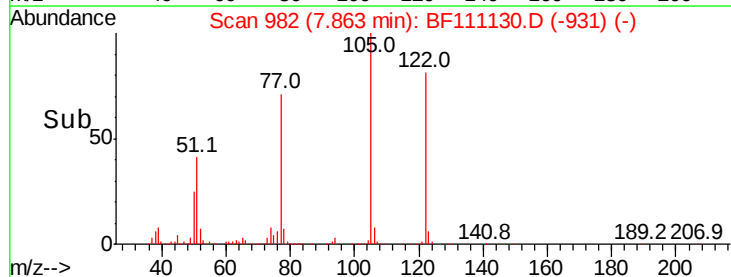
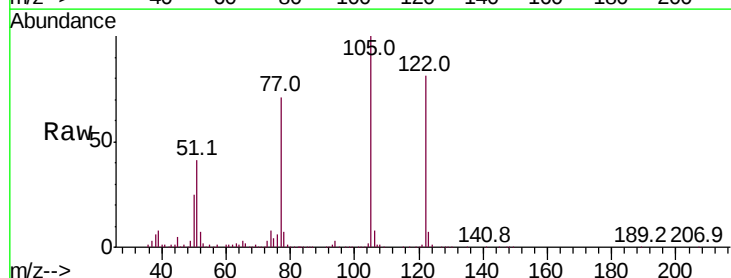
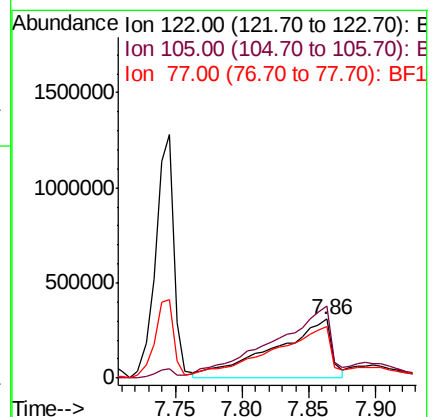
Tgt Ion:122 Resp: 918087

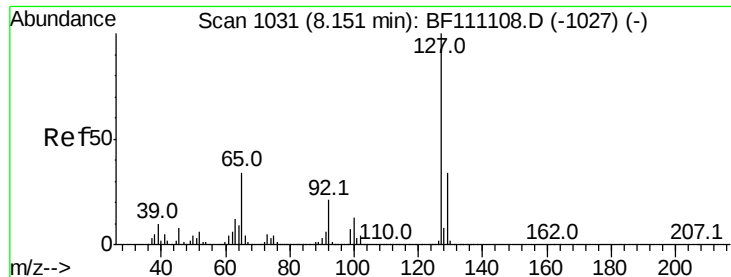
Ion Ratio Lower Upper

122 100

105 123.3 100.1 140.1

77 87.3 69.4 109.4





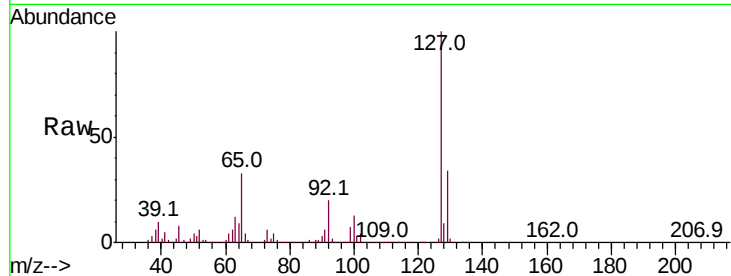
#33
4-Chloroaniline
Concen: 38.123 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.0	27.0	40.6
65	33.3	27.2	40.8
92	20.2	16.6	24.8

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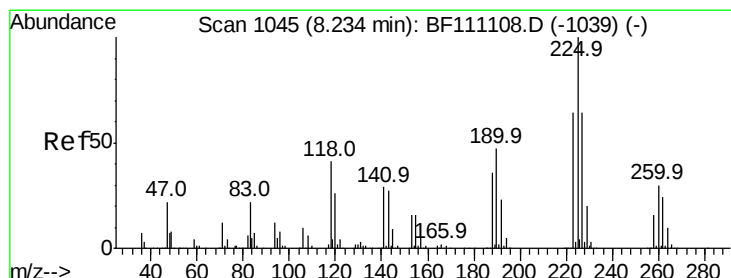
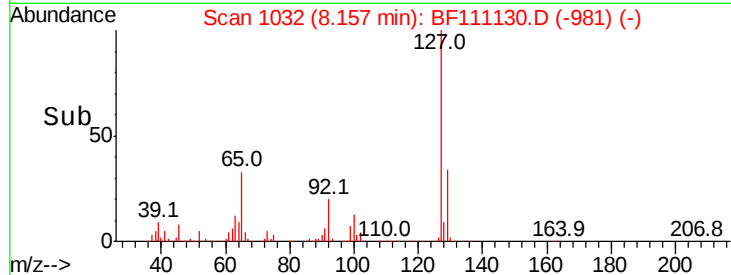
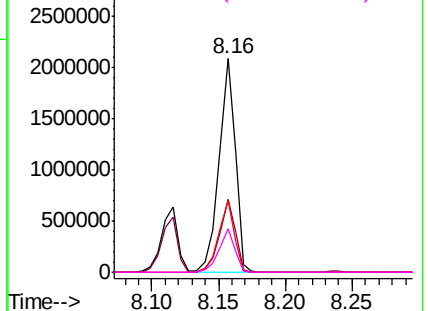
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

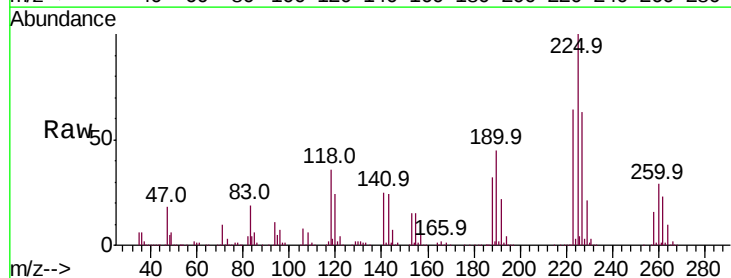
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.445 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.4	77.2
227	63.2	51.0	76.4

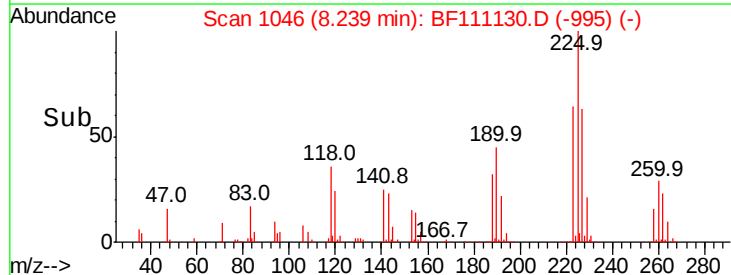
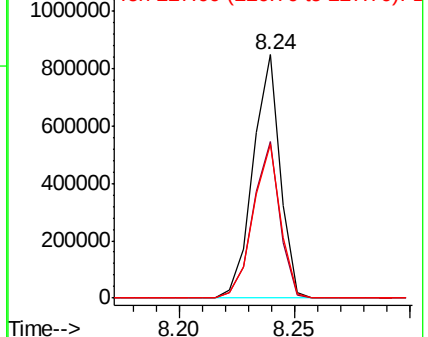


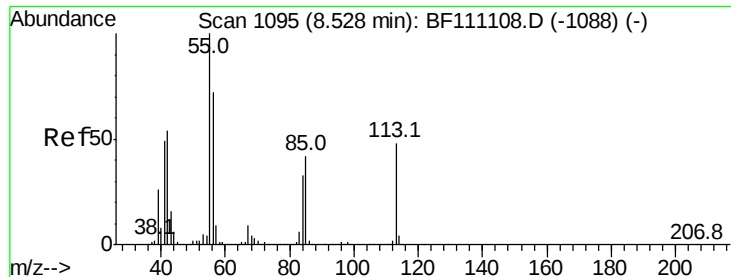
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





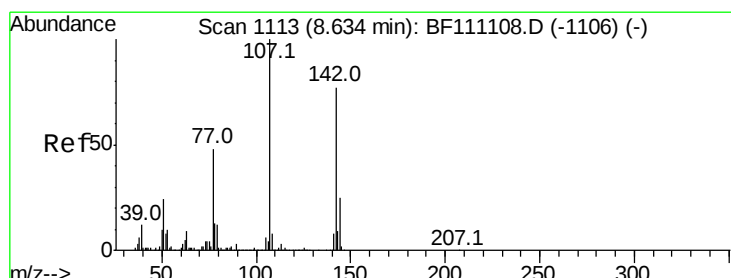
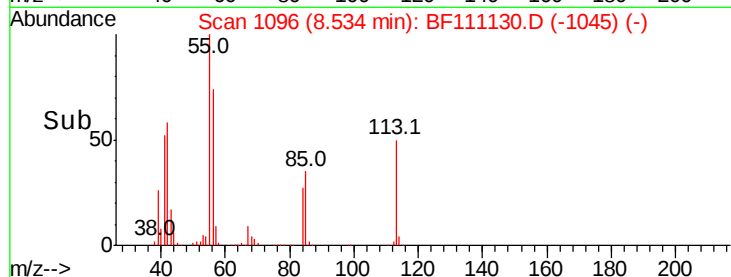
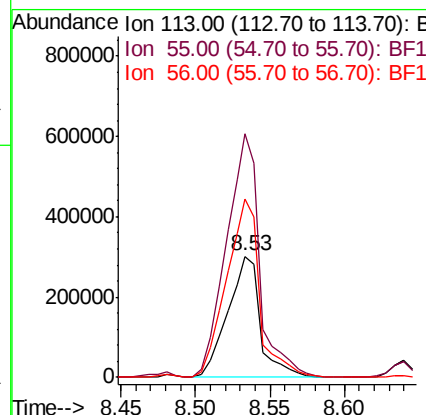
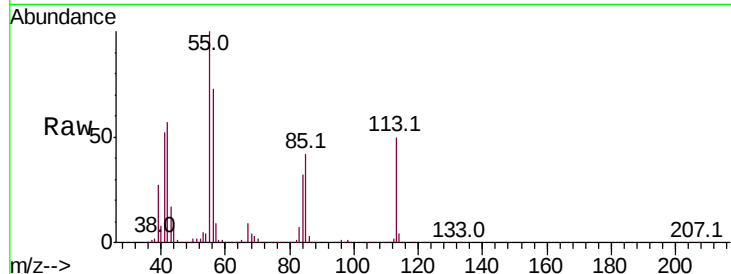
#35
Caprolactam
Concen: 39.130 ng
RT: 8.53 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	200.8	190.6	230.6
56	147.5	130.9	170.9

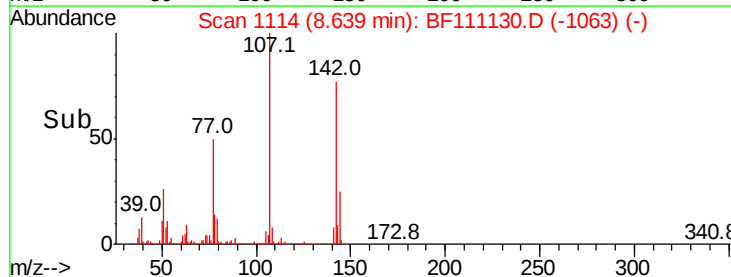
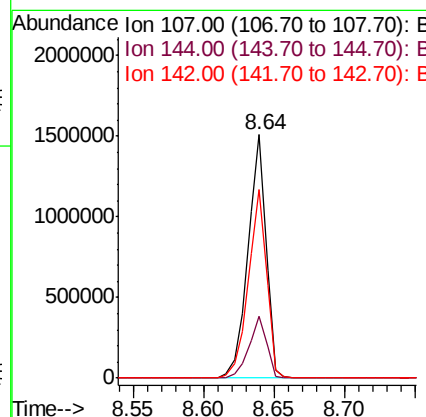
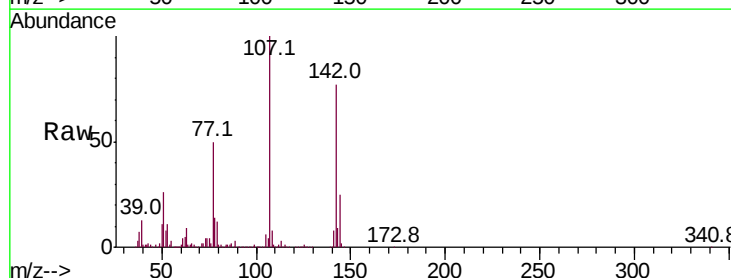
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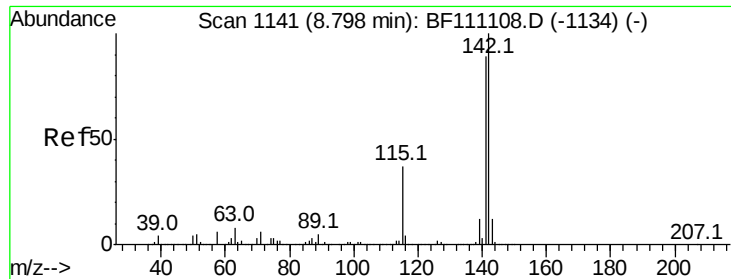
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#36
4-Chloro-3-methylphenol
Concen: 38.407 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.9	29.9
142	77.5	61.4	92.0





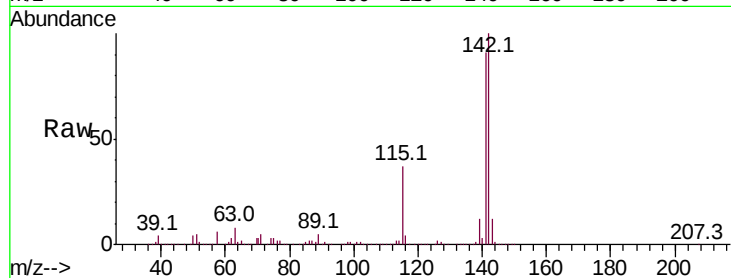
#37
2-Methylnaphthalene
Concen: 38.462 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.4	107.0
115	36.7	29.2	43.8

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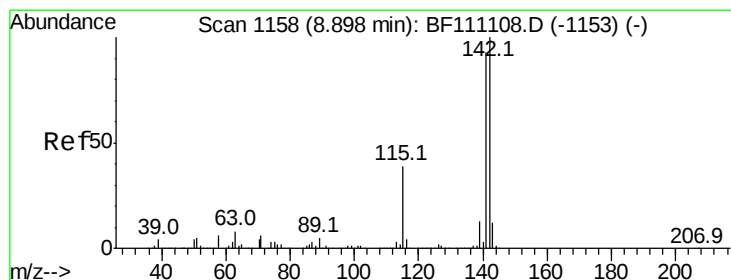
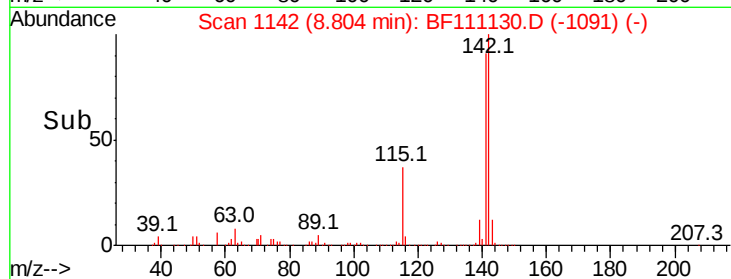
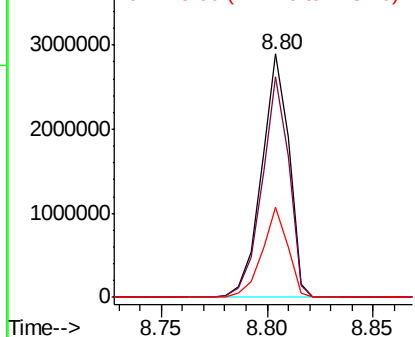


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.315 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

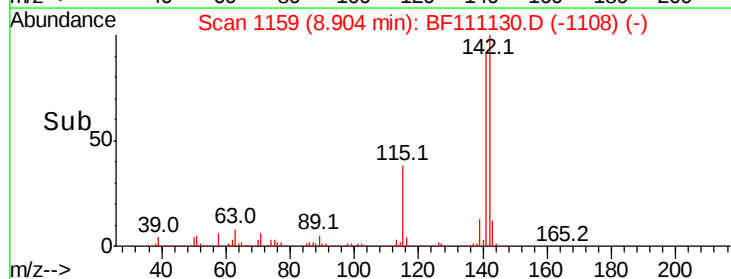
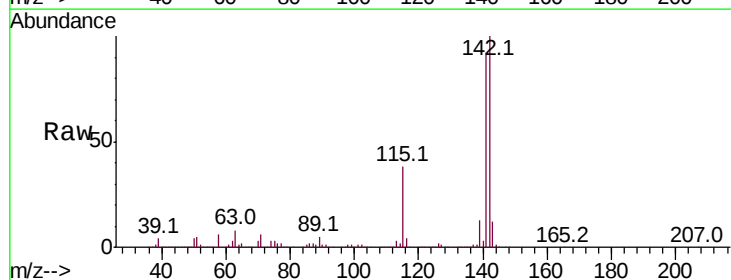
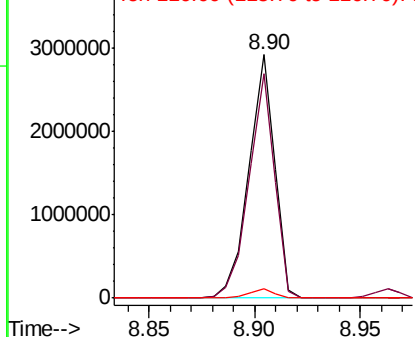
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.5	111.7
116	4.0	3.2	4.8

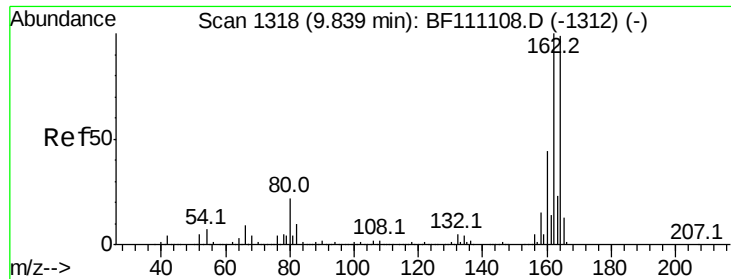
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





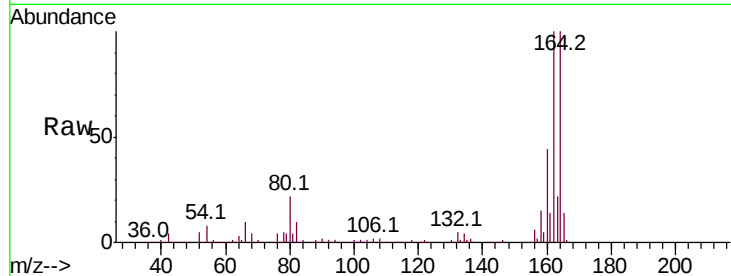
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

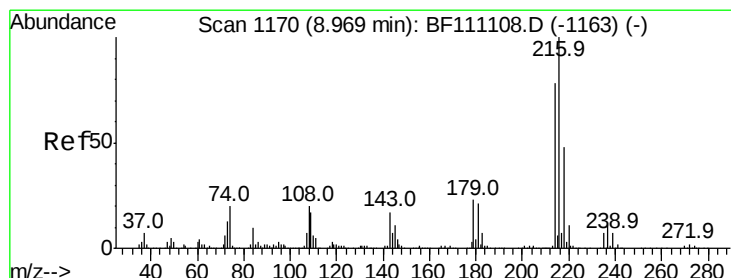
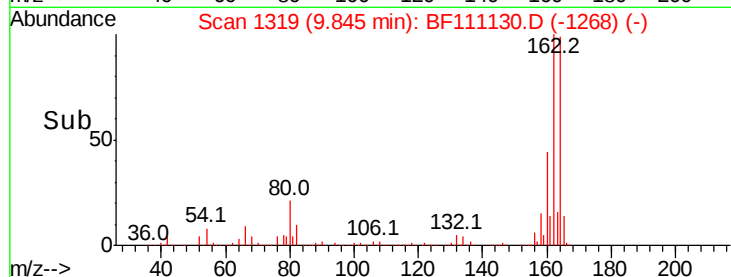
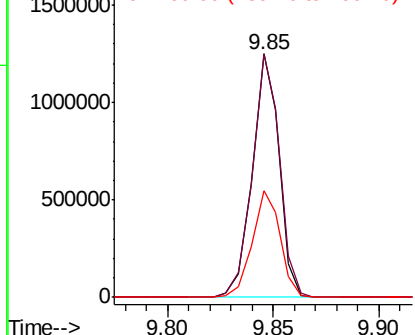
Tot Ion:164 Resp: 1100188
Ion Ratio Lower Upper
164 100
162 100.1 80.6 120.8
160 44.0 35.5 53.3

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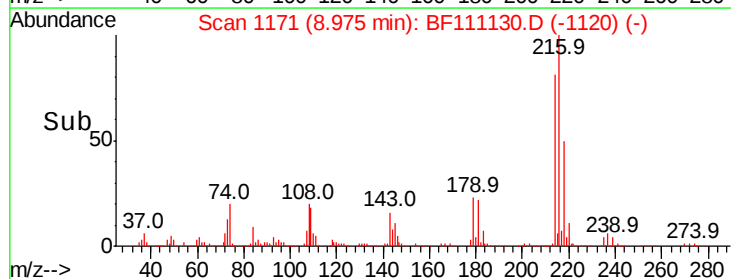
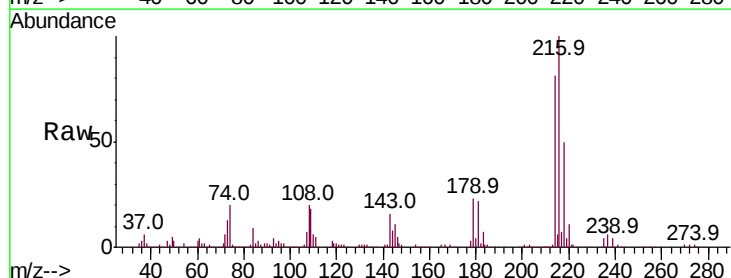
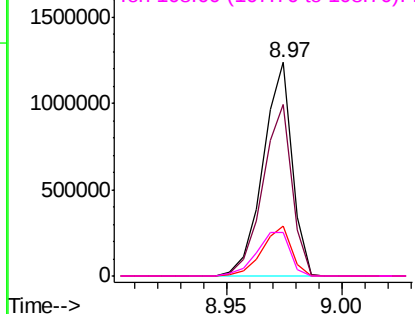
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

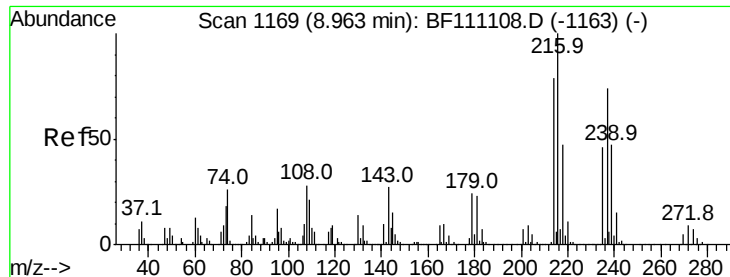


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.955 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion:216 Resp: 1083609
Ion Ratio Lower Upper
216 100
214 80.9 63.4 95.0
179 23.7 18.5 27.7
108 24.0 19.1 28.7

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





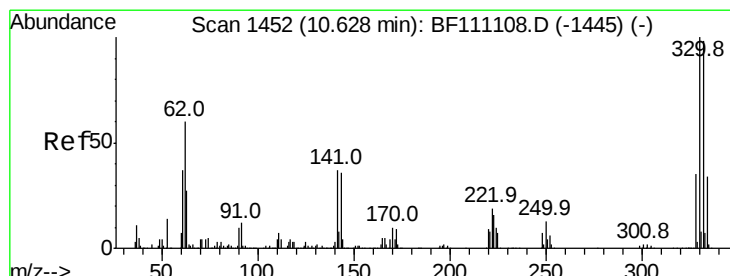
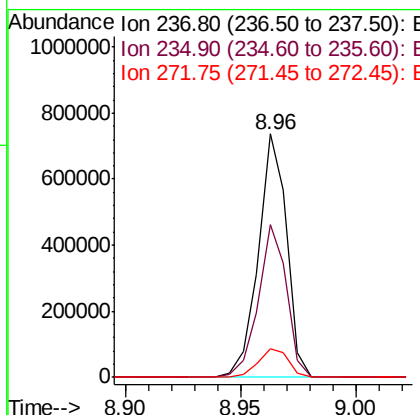
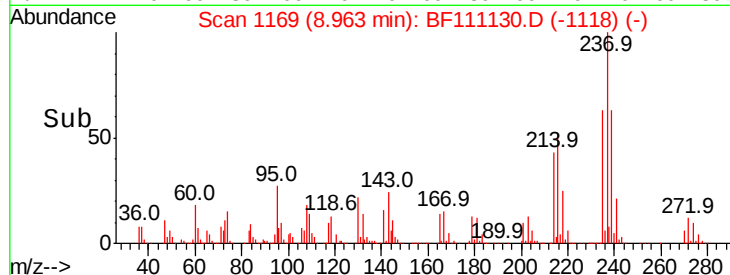
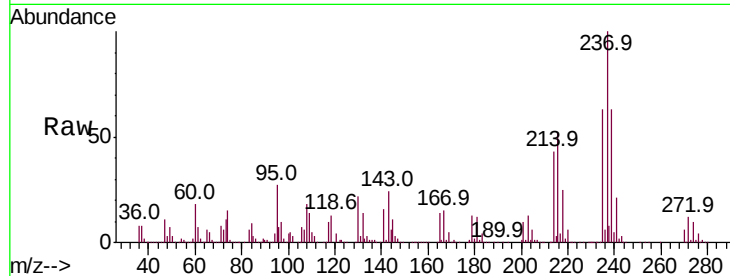
#41
Hexachlorocyclopentadiene
Concen: 40.789 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	237	Resp:	630650
Ion Ratio		Lower	Upper
237	100		
235	62.9	41.9	81.9
272	12.0	0.0	32.7

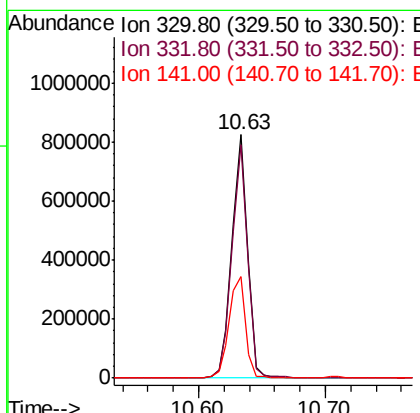
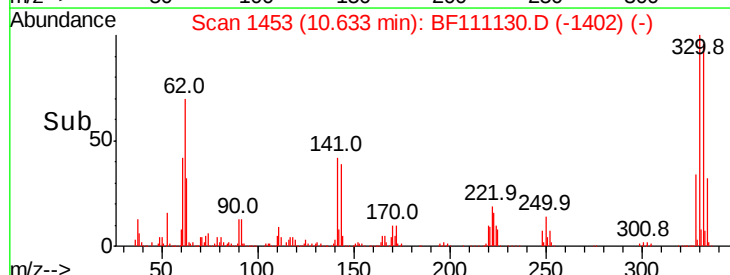
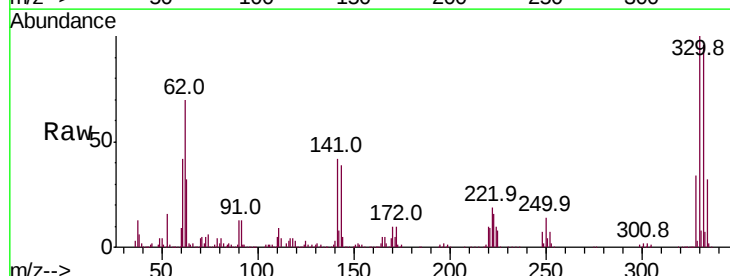
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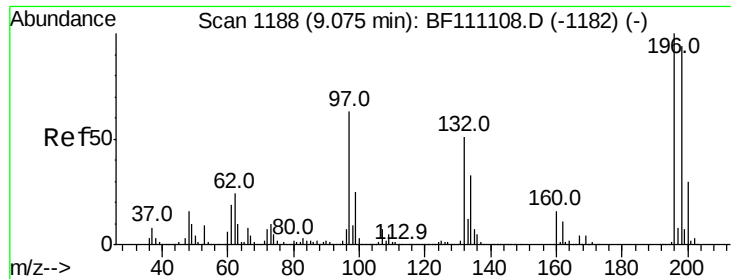
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#42
2,4,6-Tribromophenol
Concen: 80.680 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion:	330	Resp:	705568
Ion Ratio		Lower	Upper
330	100		
332	96.0	77.2	115.8
141	43.8	36.1	54.1





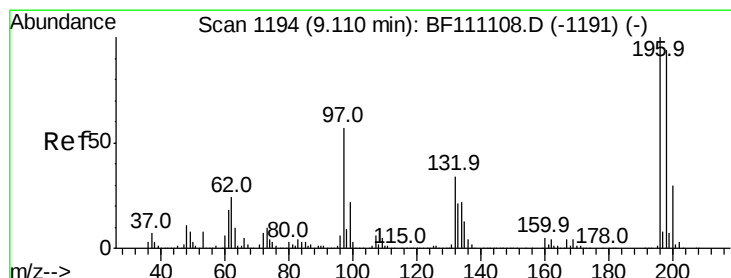
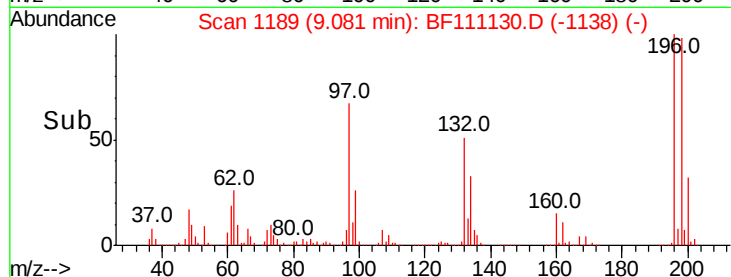
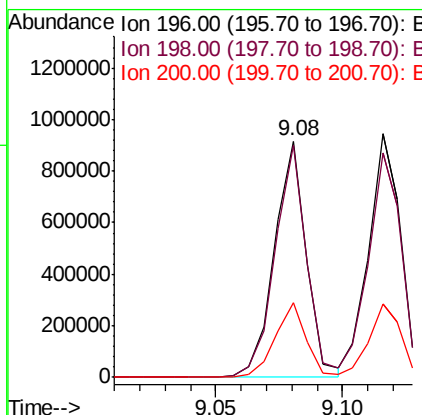
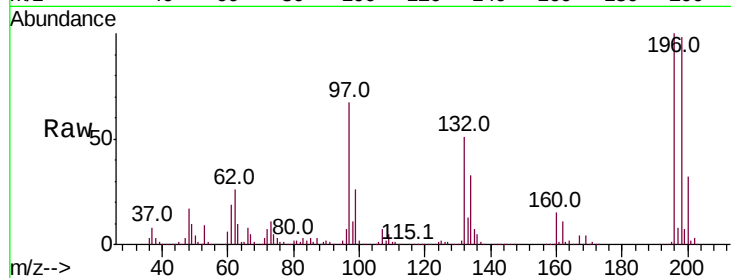
#43
 2,4,6-Trichlorophenol
 Concen: 37.982 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF111130.D
 Acq: 6 Dec 2018 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.3	75.4	113.0
200	31.6	24.2	36.4

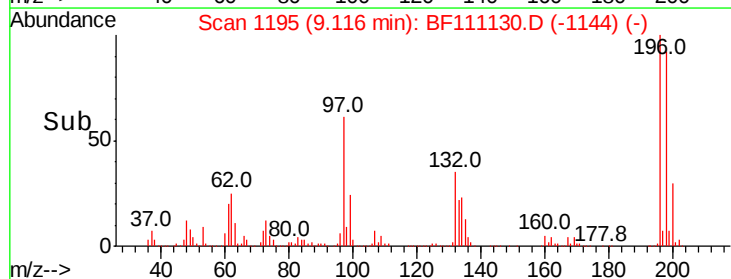
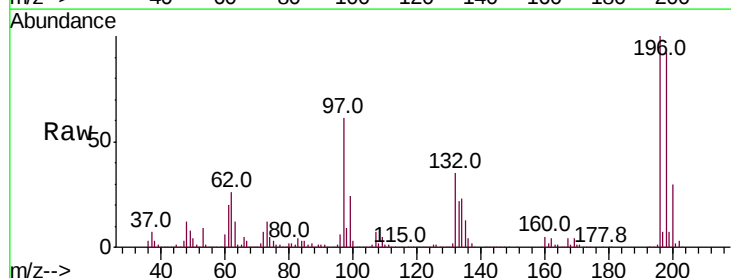
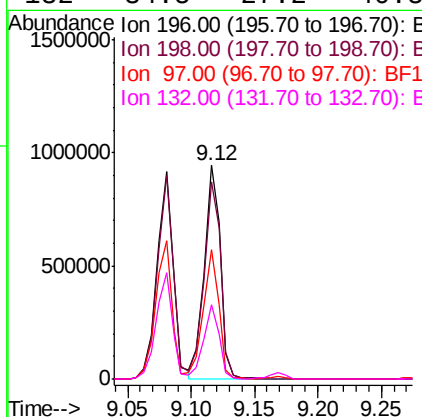
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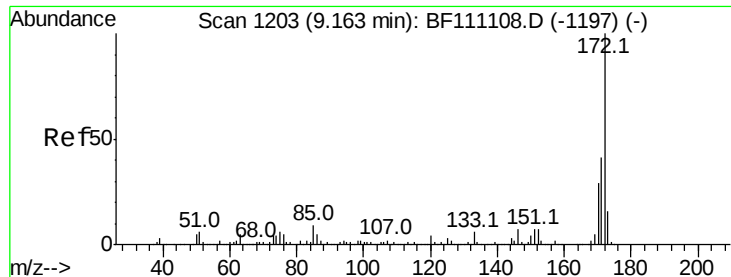
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#44
 2,4,5-Trichlorophenol
 Concen: 38.513 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF111130.D
 Acq: 6 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.4	75.0	112.4
97	60.5	46.2	69.4
132	34.5	27.2	40.8





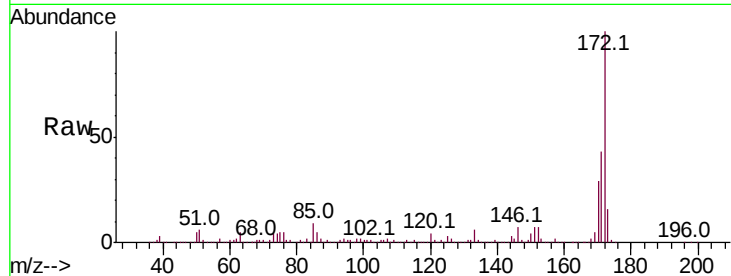
#45
2-Fluorobiphenyl
Concen: 78.450 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

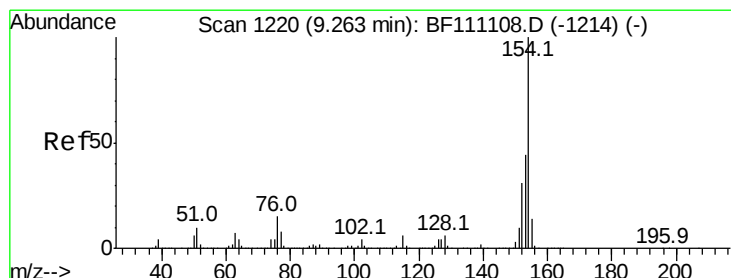
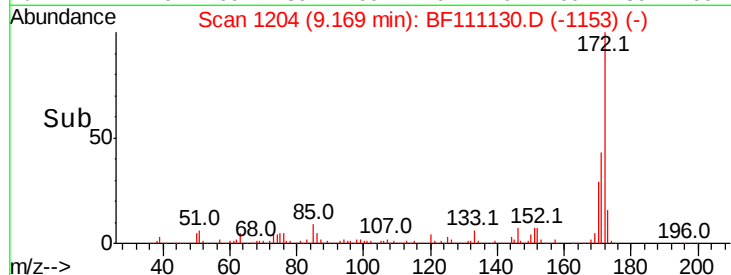
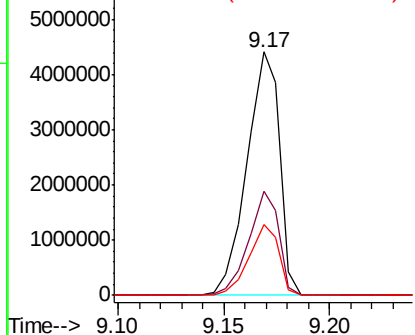
Tot Ion:172 Resp: 4728525
Ion Ratio Lower Upper
172 100
171 42.6 33.2 49.8
170 29.2 22.9 34.3

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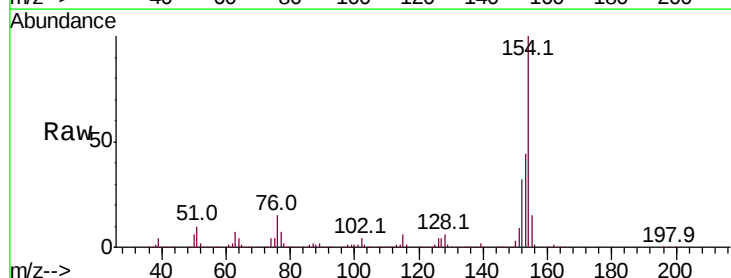


Abundance Ion 172.00 (171.70 to 172.70): E
6000000 Ion 171.00 (170.70 to 171.70): E
5000000 Ion 170.00 (169.70 to 170.70): E

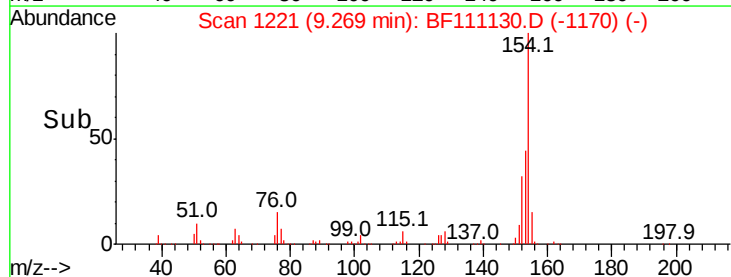
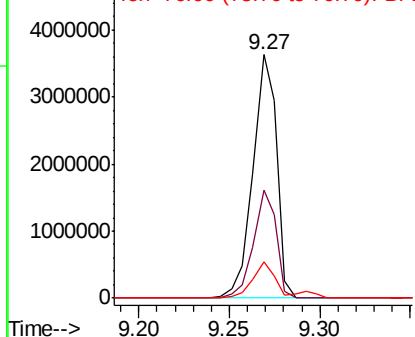


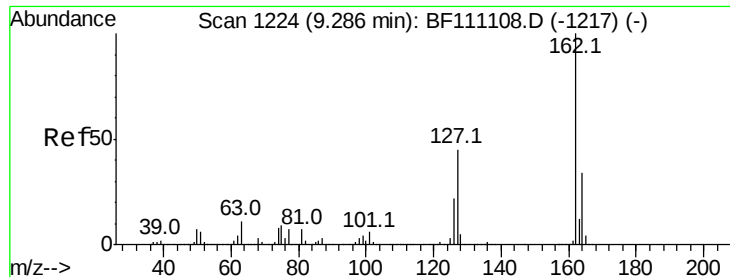
#46
1,1'-Biphenyl
Concen: 36.652 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion:154 Resp: 3300995
Ion Ratio Lower Upper
154 100
153 44.5 23.7 63.7
76 14.9 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
5000000 Ion 153.00 (152.70 to 153.70): E
4000000 Ion 76.00 (75.70 to 76.70): BF1





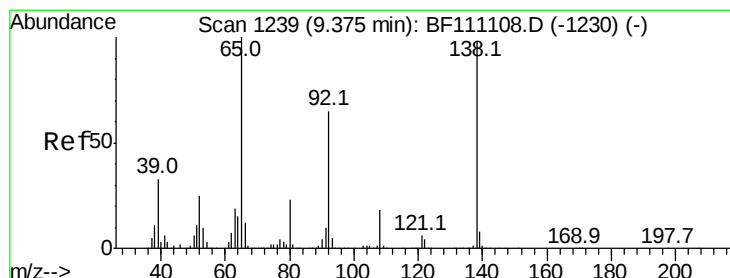
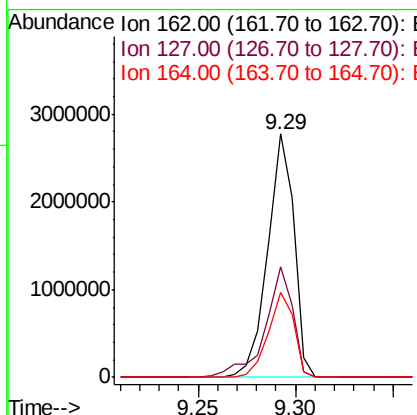
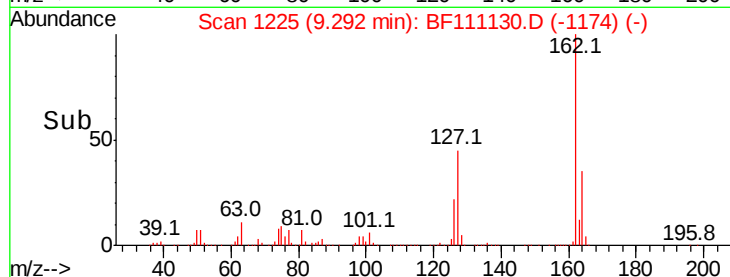
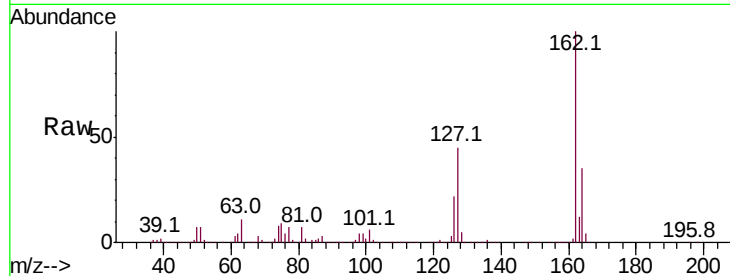
#47
 2-Chloronaphthalene
 Concen: 36.953 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF111130.D
 Acq: 6 Dec 2018 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	2586166
Ion	Ratio	Lower	Upper
162	100		
127	45.4	36.4	54.6
164	34.8	27.3	40.9

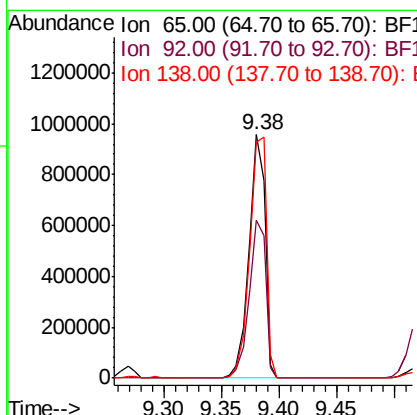
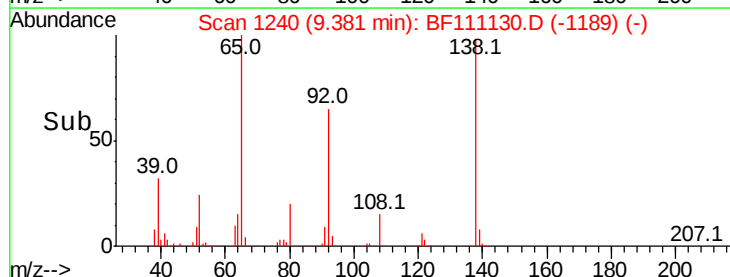
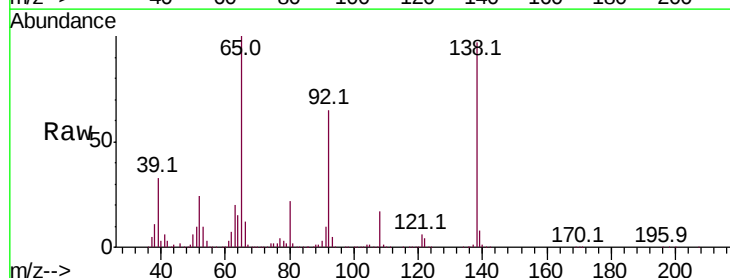
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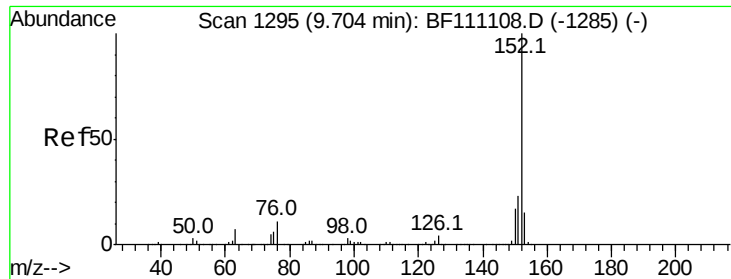
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#48
 2-Nitroaniline
 Concen: 40.481 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF111130.D
 Acq: 6 Dec 2018 11:24

Tgt Ion:	65	Resp:	918119
Ion	Ratio	Lower	Upper
65	100		
92	64.6	52.1	78.1
138	97.0	78.2	117.4





#49

Acenaphthylene

Concen: 37.629 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 3681130

Ion Ratio Lower Upper

152 100

151 23.5 18.3 27.5

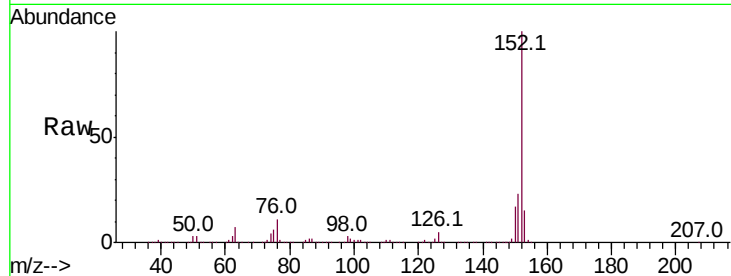
153 15.3 11.8 17.8

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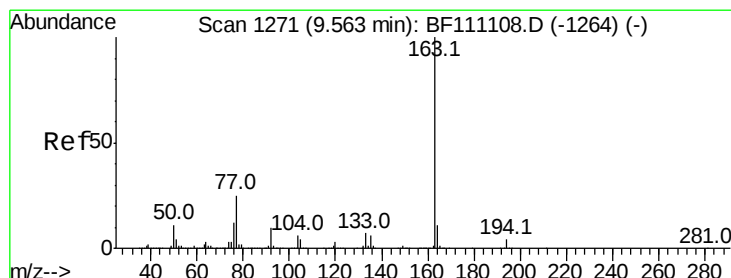
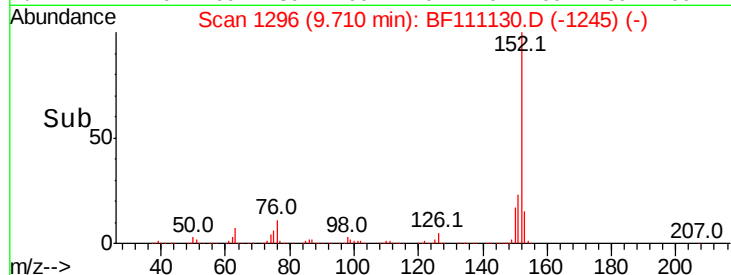
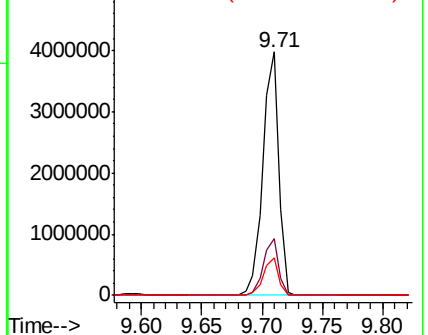
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.357 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

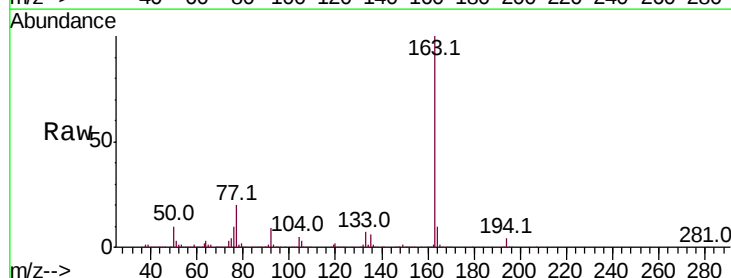
Tgt Ion:163 Resp: 2860421

Ion Ratio Lower Upper

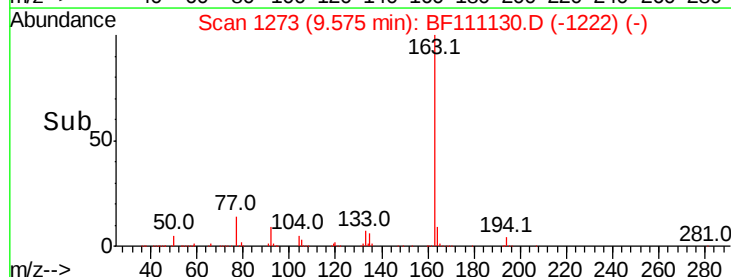
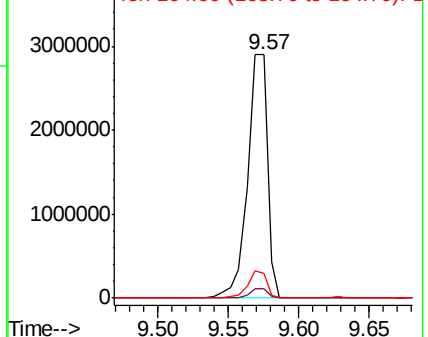
163 100

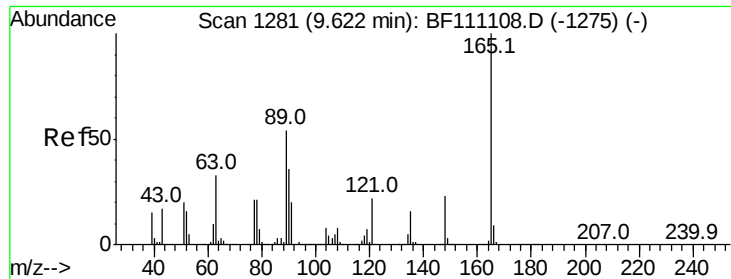
194 3.9 3.0 4.4

164 10.2 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





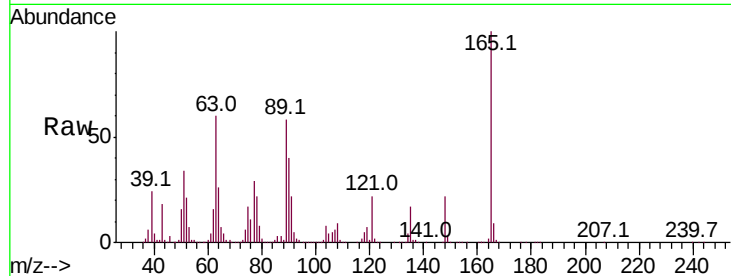
#51
2,6-Dinitrotoluene
Concen: 41.605 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.3	44.7	67.1
89	57.5	43.0	64.4

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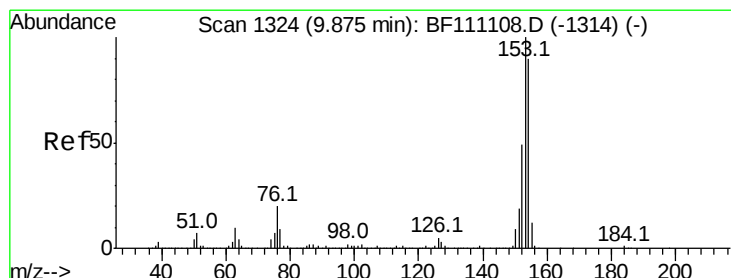
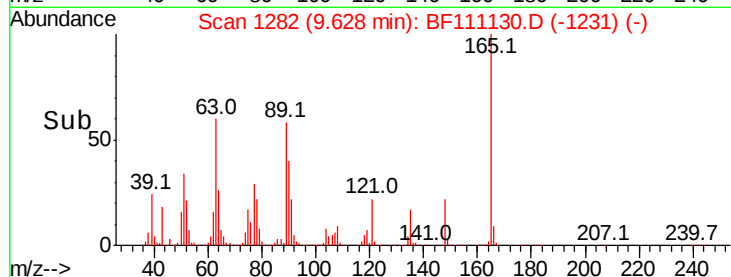
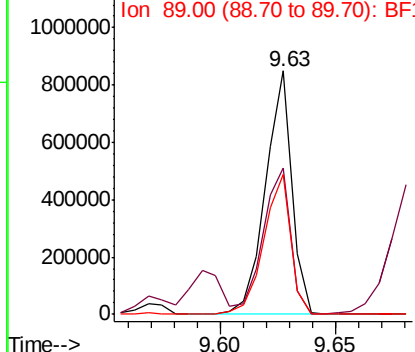


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 37.141 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

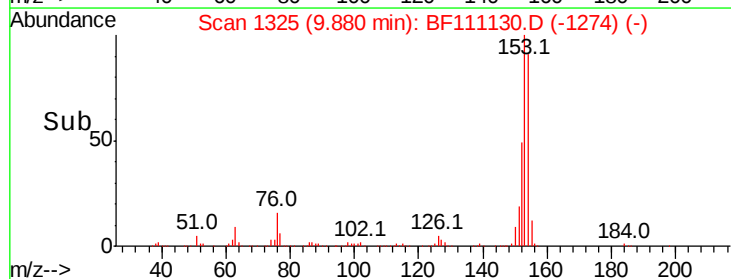
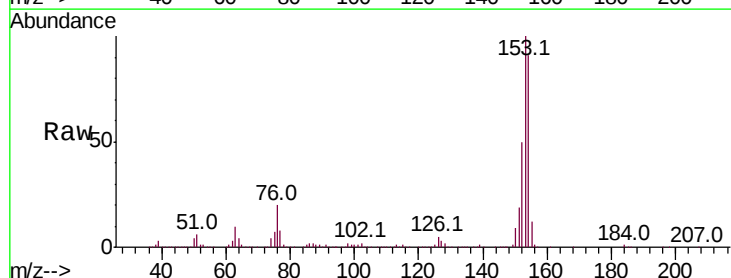
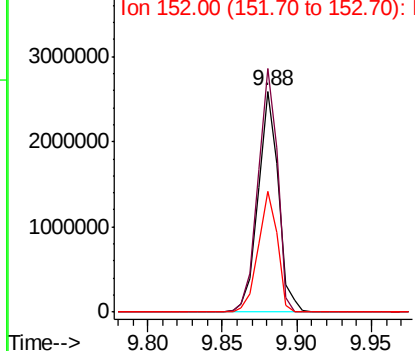
Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.4	88.7	133.1
152	54.9	43.8	65.8

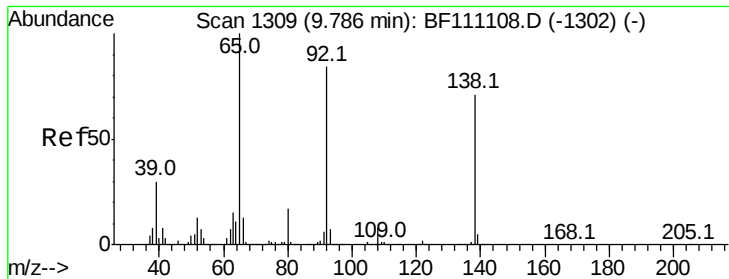
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





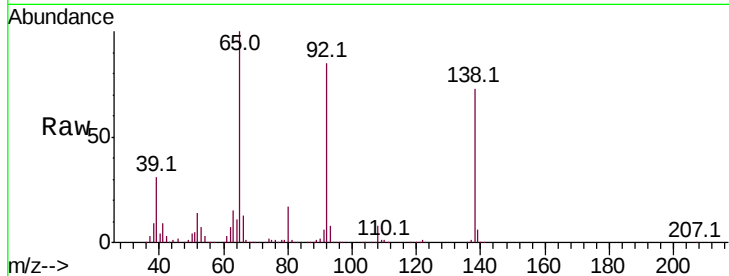
#53
3-Nitroaniline
Concen: 40.874 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.4	14.0
92	116.0	94.1	141.1

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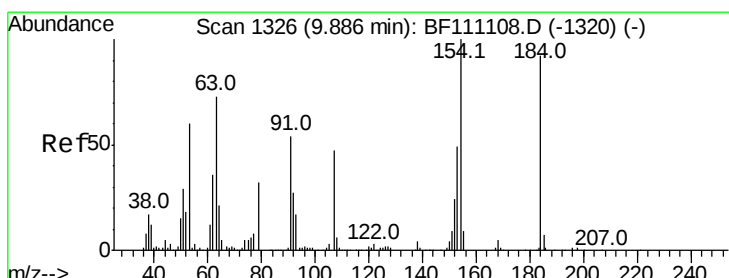
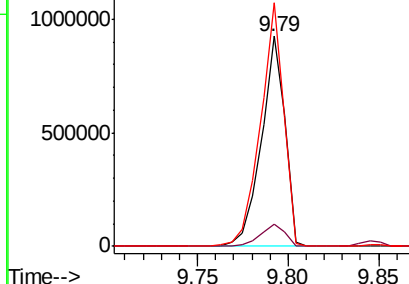
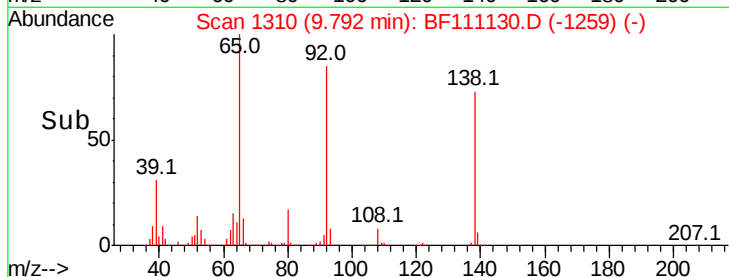


Abundance

Ion 138.00 (137.70 to 138.70): E

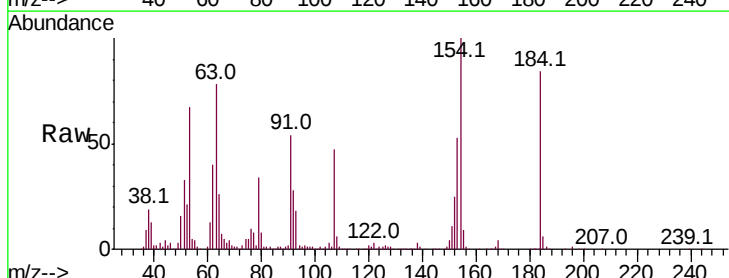
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 45.665 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	92.7	64.2	96.4
154	119.4	89.5	134.3

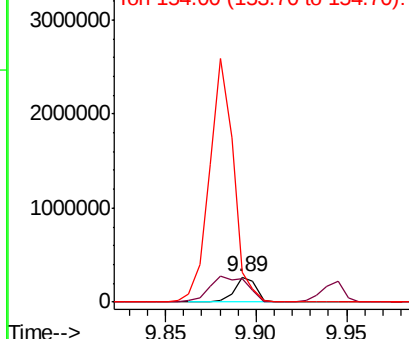
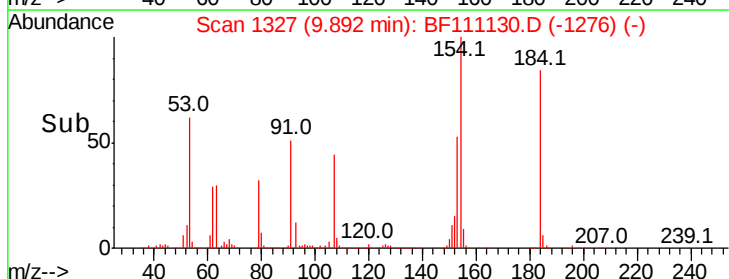


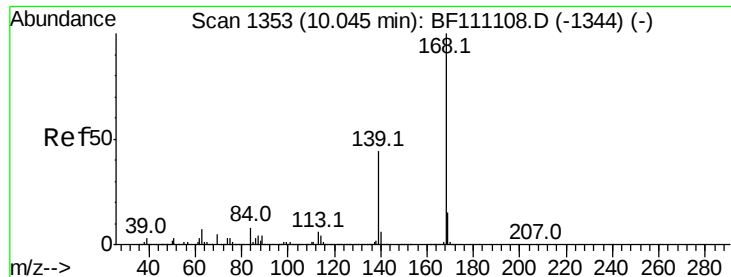
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





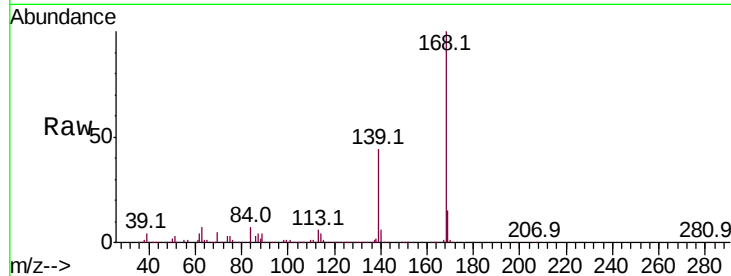
#55
Dibenzofuran
Concen: 38.324 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.9	35.1	52.7
169	15.3	12.2	18.4

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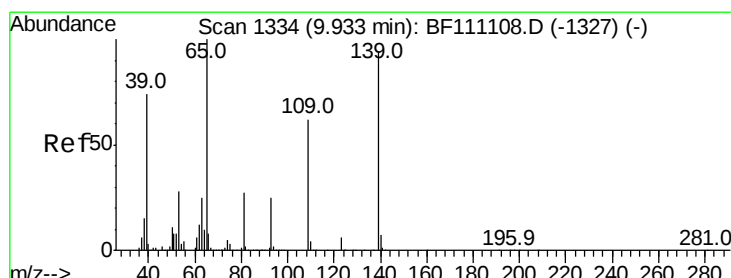
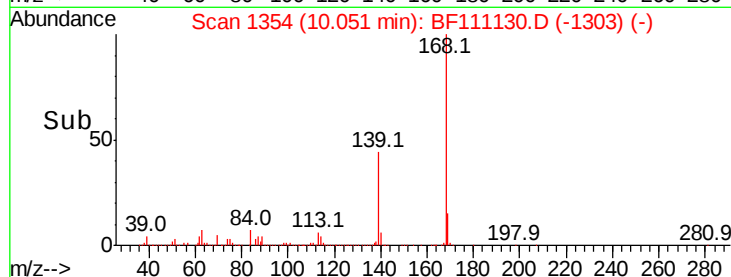
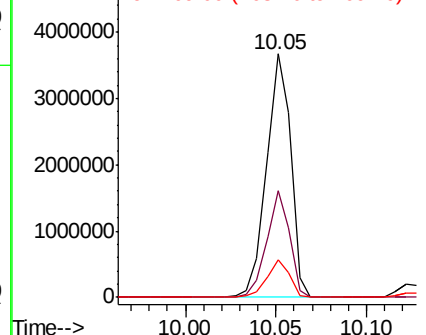


Abundance

Ion 168.00 (167.70 to 168.70): E

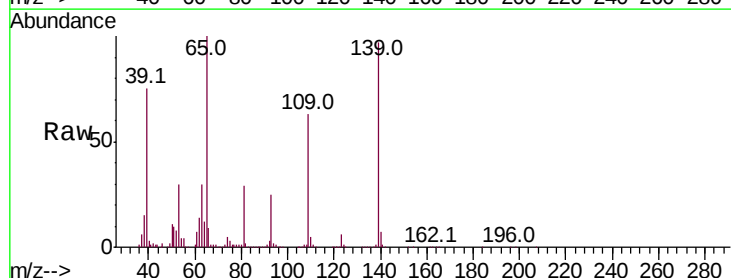
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 41.392 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.2	46.1	86.1
65	103.3	87.0	127.0

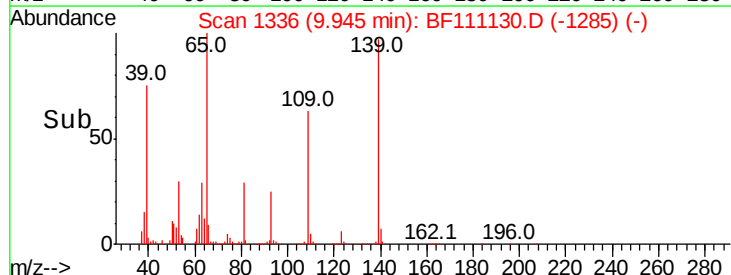
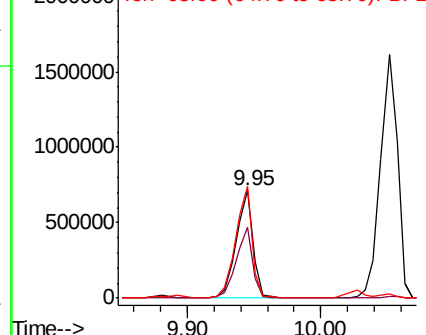


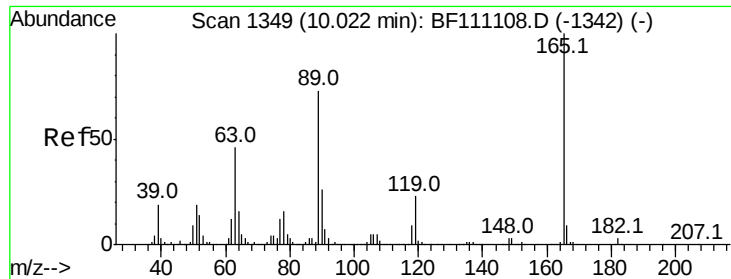
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





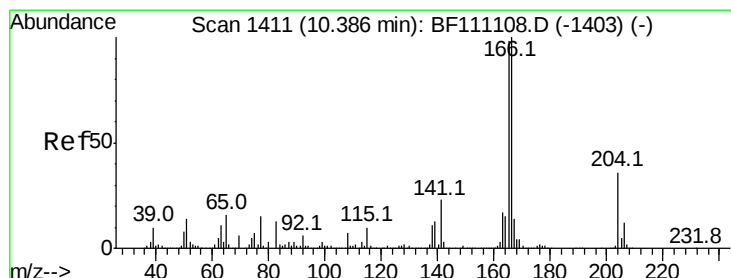
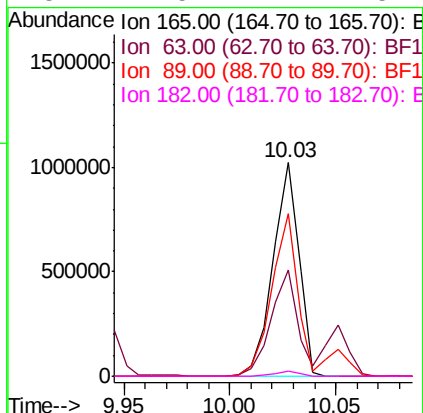
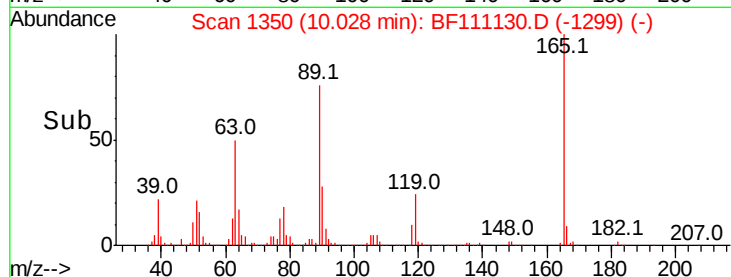
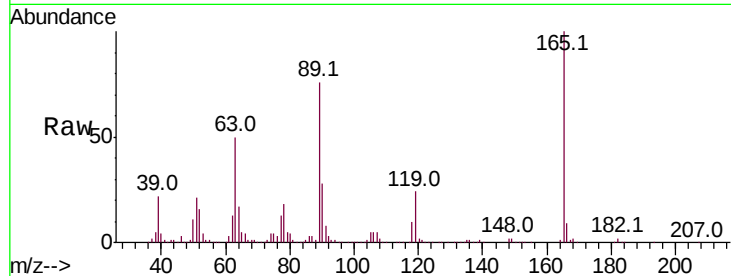
#57
2,4-Dinitrotoluene
Concen: 41.892 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.0	36.7	55.1
89	76.2	58.4	87.6
182	2.5	2.1	3.1

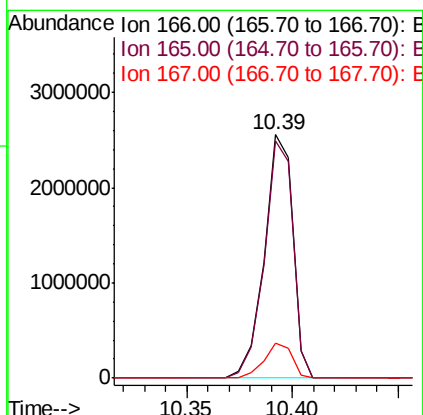
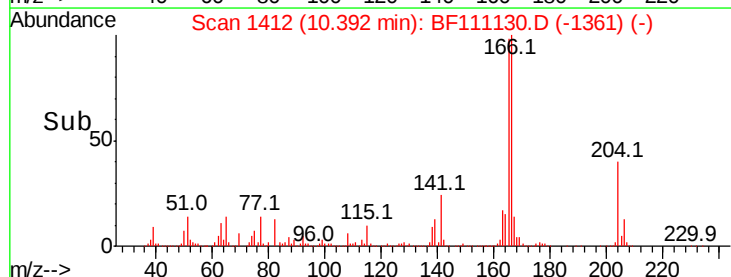
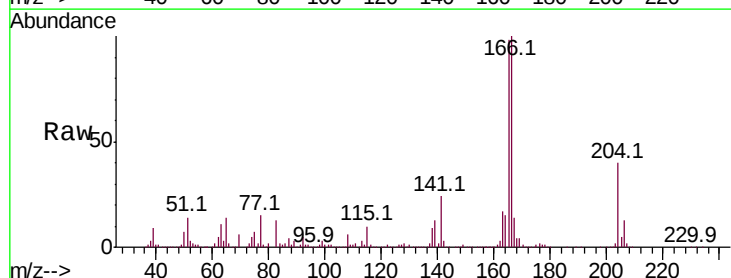
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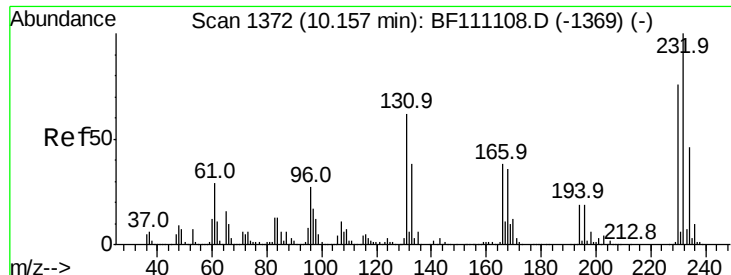
mohammad
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#58
Fluorene
Concen: 38.219 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.4	117.6
167	14.4	11.4	17.2





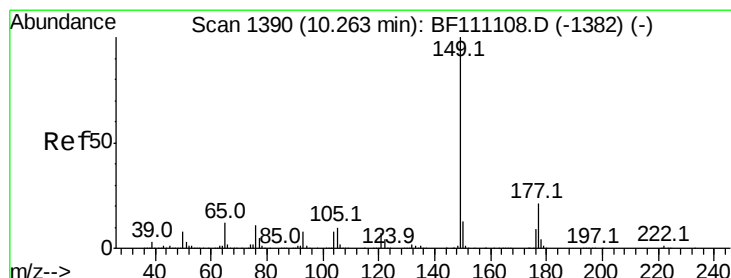
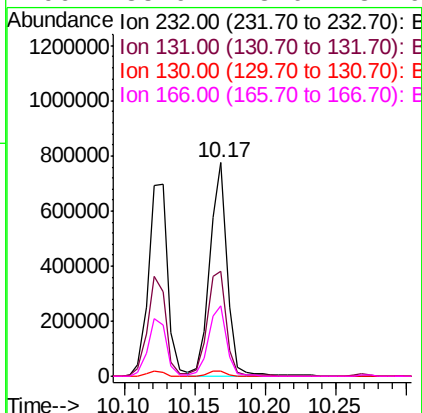
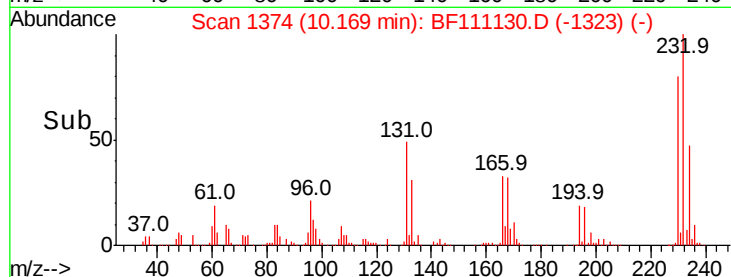
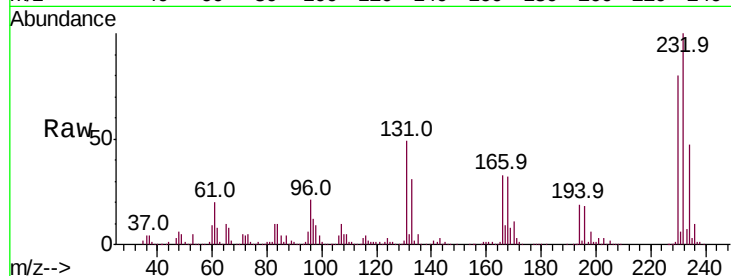
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.751 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF111130.D
 Acq: 6 Dec 2018 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.9	40.4	60.6
130	2.5	2.1	3.1
166	33.9	23.0	34.6

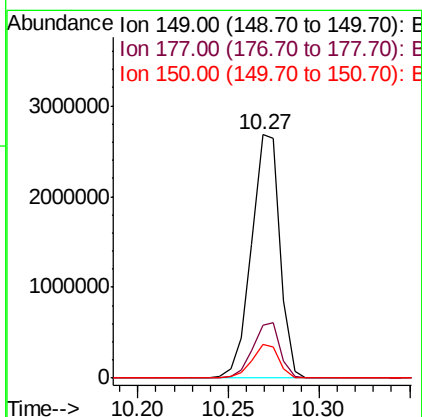
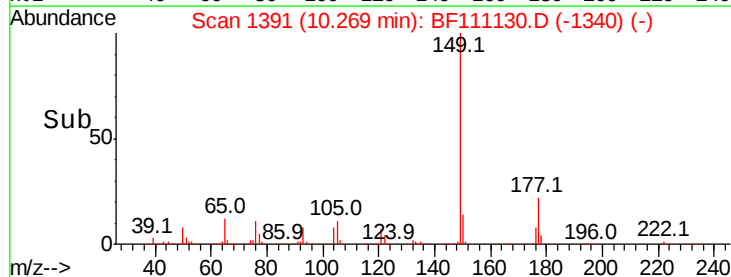
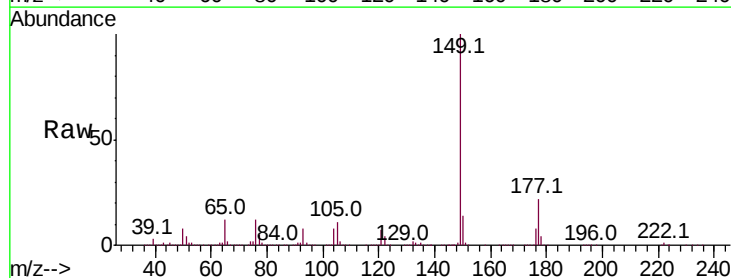
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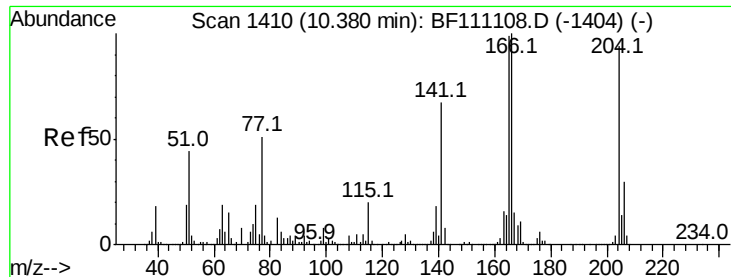
mohammad
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#60
 Diethylphthalate
 Concen: 38.280 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF111130.D
 Acq: 6 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.0	25.6
150	13.7	10.5	15.7





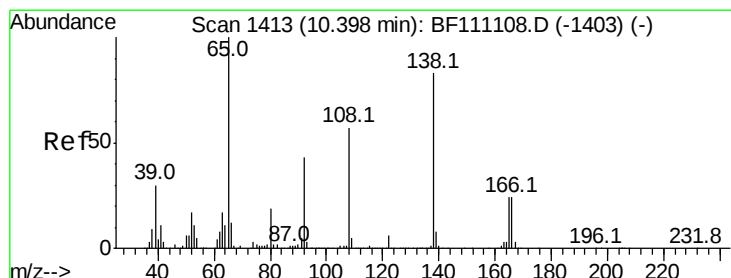
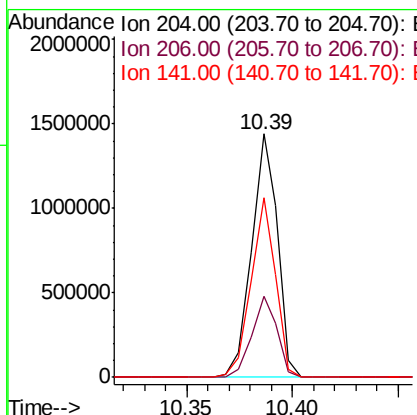
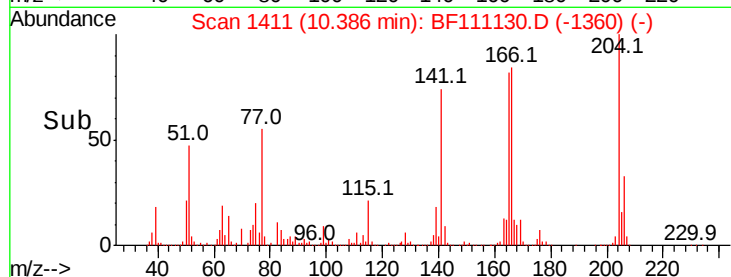
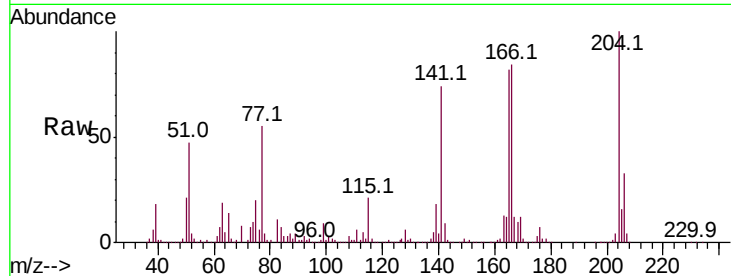
#61
 4-Chlorophenyl-phenylether
 Concen: 39.532 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF111130.D
 Acq: 6 Dec 2018 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	1222913
Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.9	38.9
141	73.7	57.4	86.0

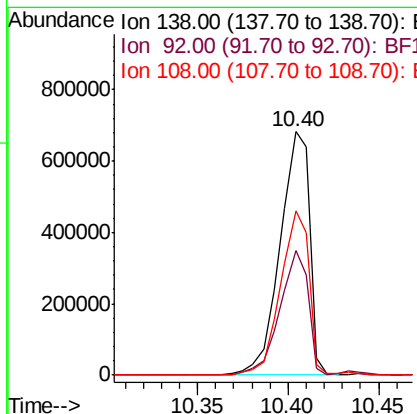
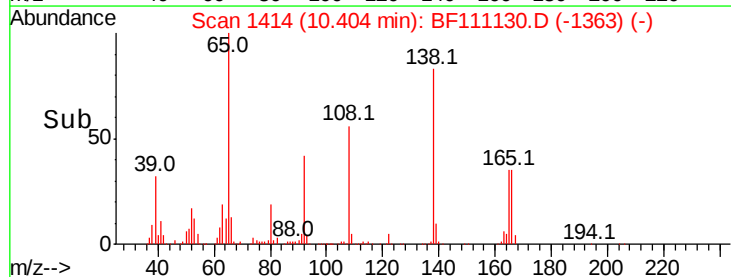
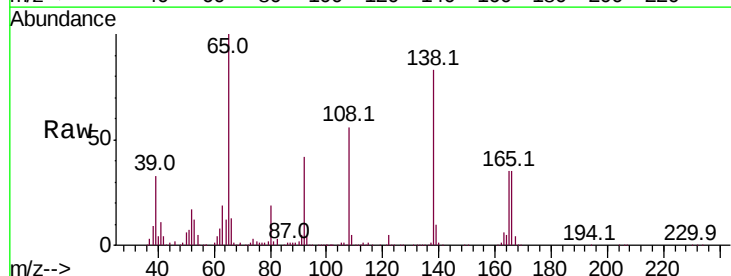
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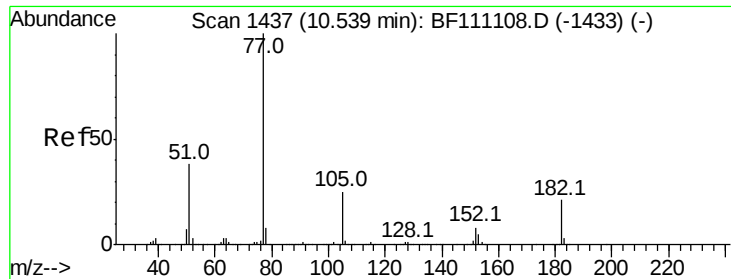
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#62
 4-Nitroaniline
 Concen: 42.190 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF111130.D
 Acq: 6 Dec 2018 11:24

Tgt Ion:	138	Resp:	776466
Ion	Ratio	Lower	Upper
138	100		
92	51.3	31.6	71.6
108	67.6	48.3	88.3





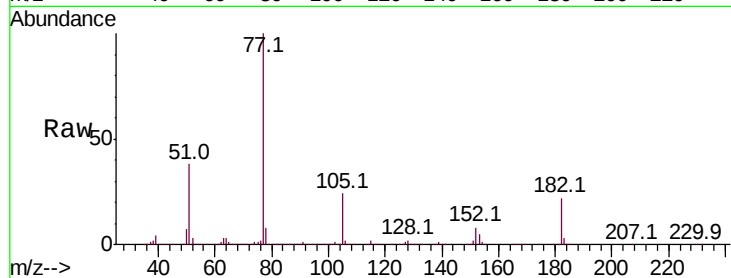
#63
Azobenzene
Concen: 37.235 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

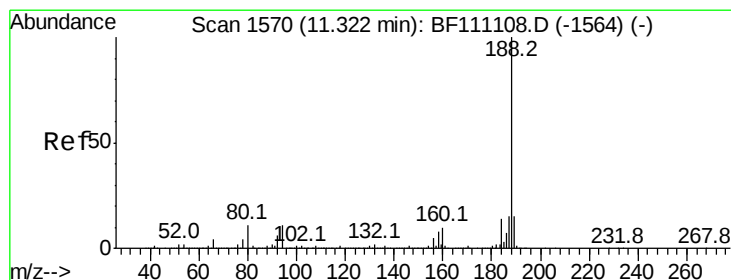
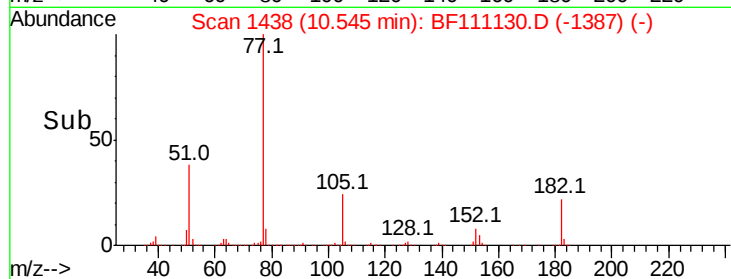
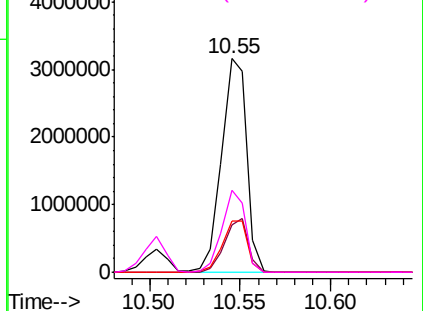
Tot Ion: 77 Resp: 3033380
Ion Ratio Lower Upper
77 100
182 22.5 1.4 41.4
105 24.0 4.7 44.7
51 38.2 18.0 58.0

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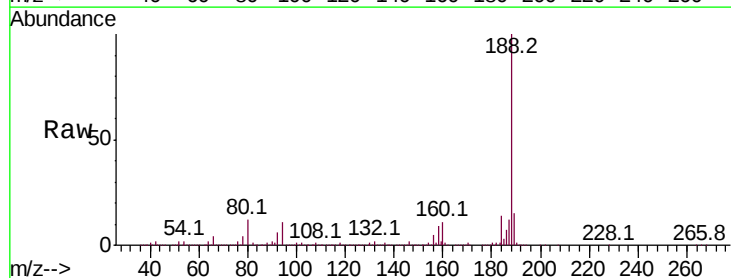


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

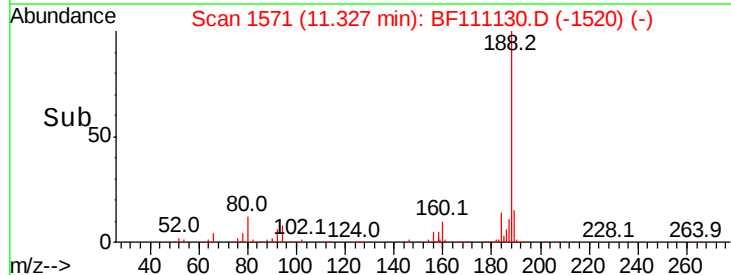
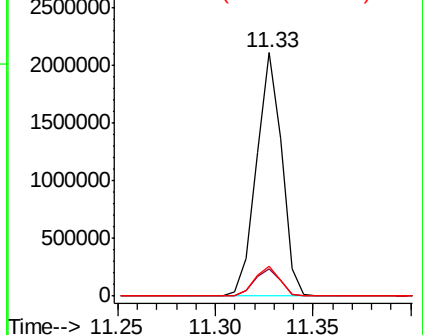


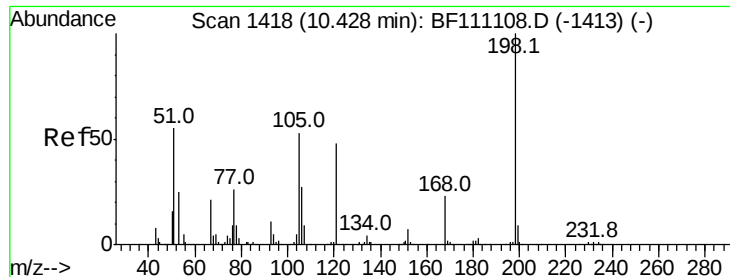
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion: 188 Resp: 1888021
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.5 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 46.341 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 361462

Ion Ratio Lower Upper

198 100

51 52.8 48.8 88.8

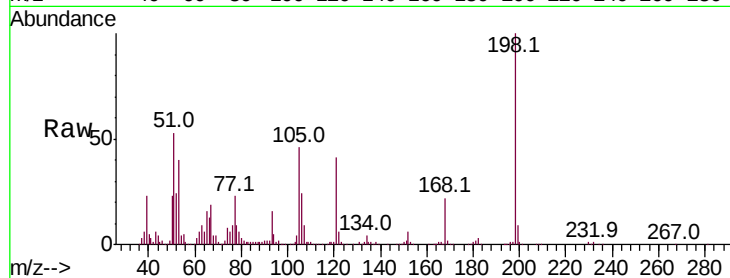
105 46.2 35.2 75.2

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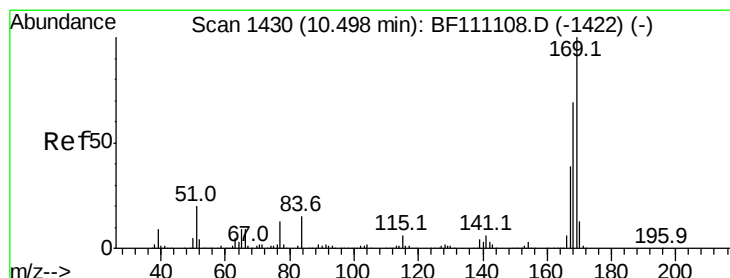
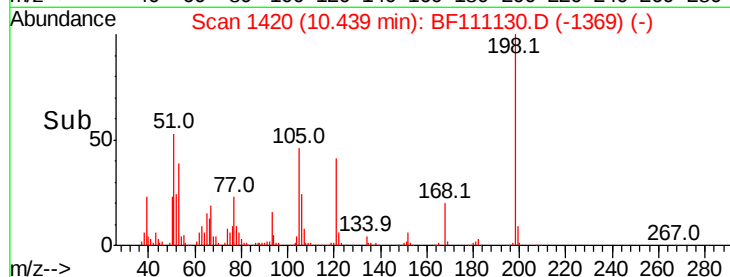
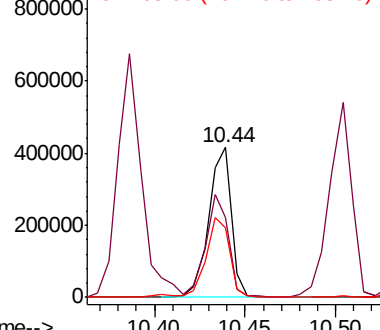
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.064 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

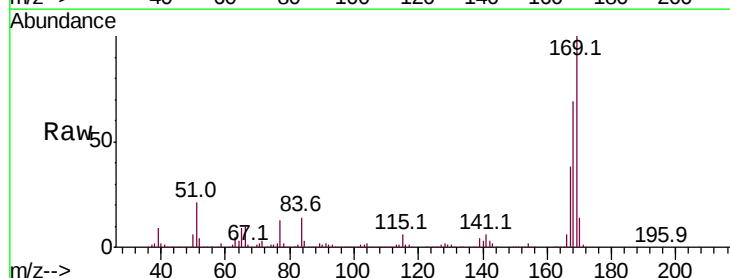
Tgt Ion:169 Resp: 2450309

Ion Ratio Lower Upper

169 100

168 69.4 55.4 83.2

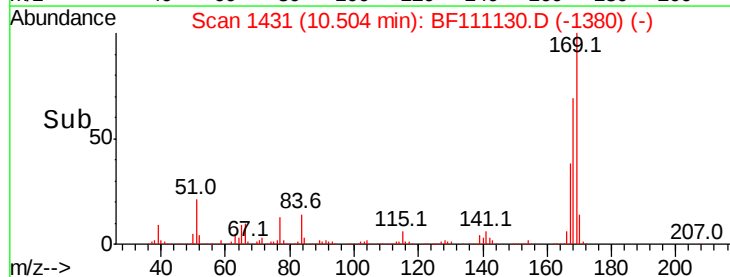
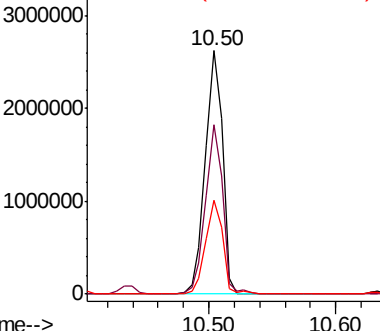
167 38.3 31.1 46.7

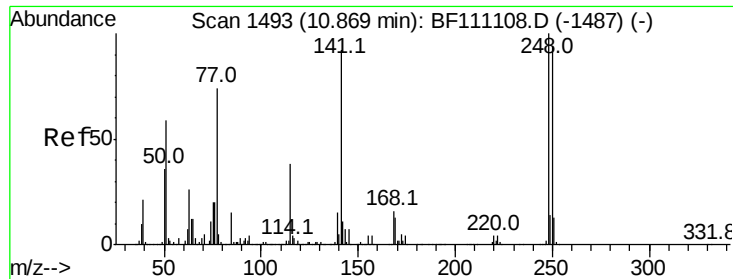


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





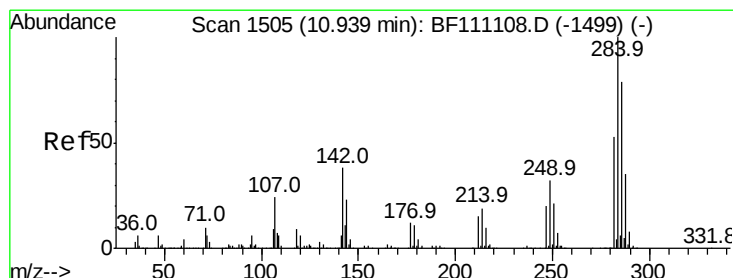
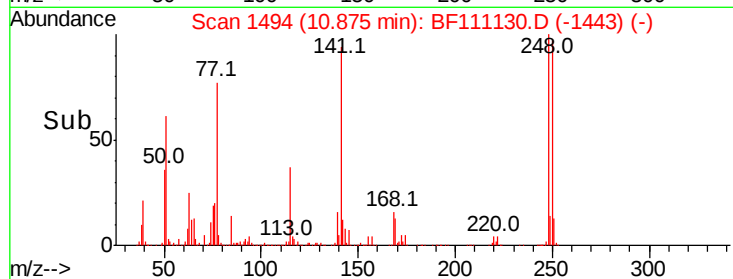
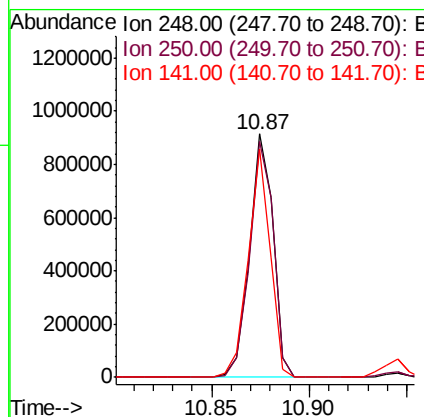
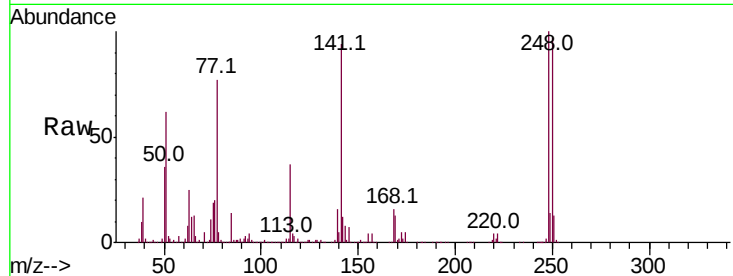
#67
4-Bromophenyl-phenylether
Concen: 38.076 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	75.4	113.0
141	93.7	73.8	110.6

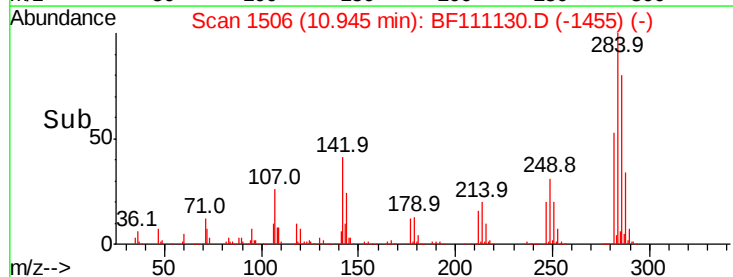
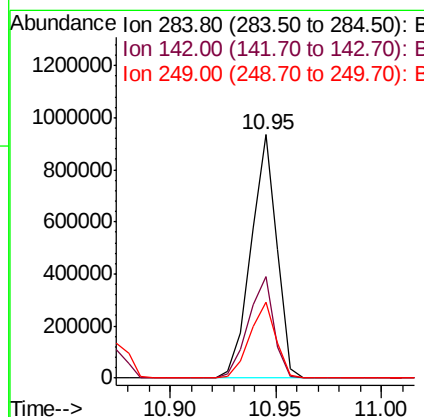
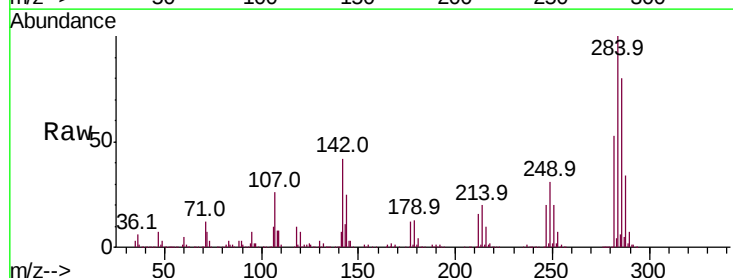
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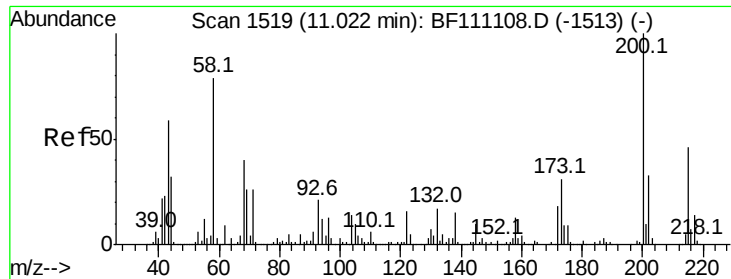
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#68
Hexachlorobenzene
Concen: 38.775 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.5	30.2	45.2
249	31.1	25.3	37.9





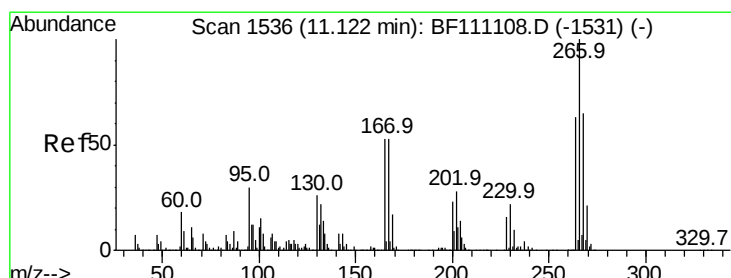
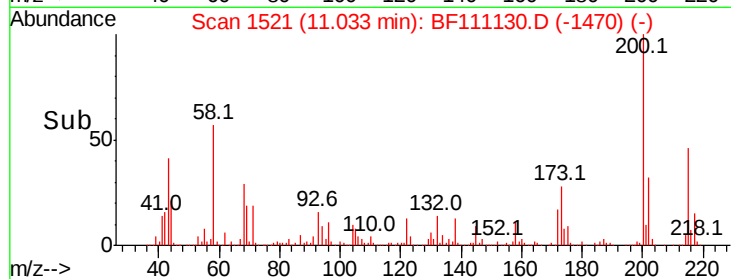
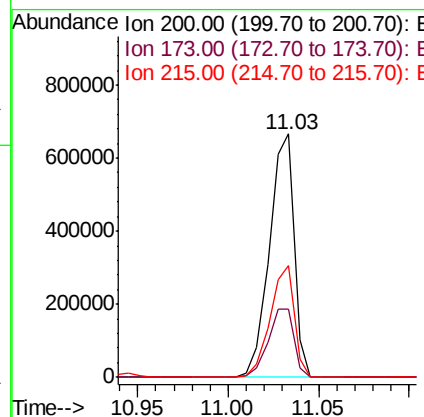
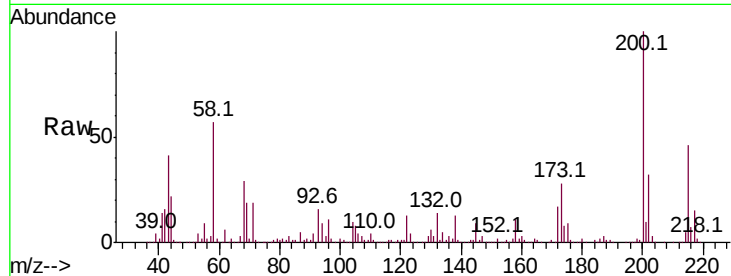
#69
Atrazine
Concen: 36.335 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	11.3	51.3
215	45.7	25.9	65.9

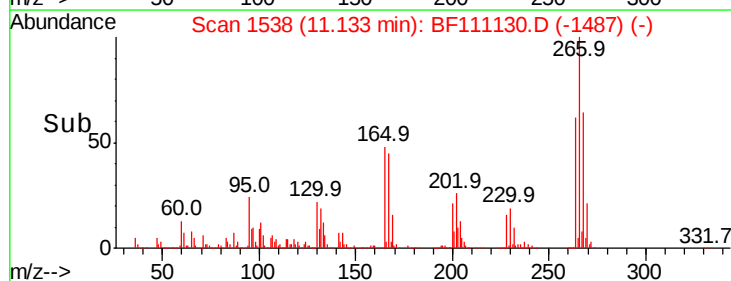
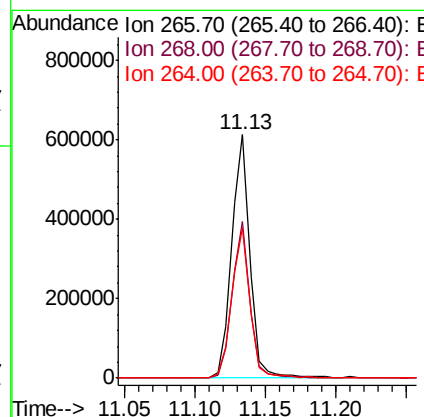
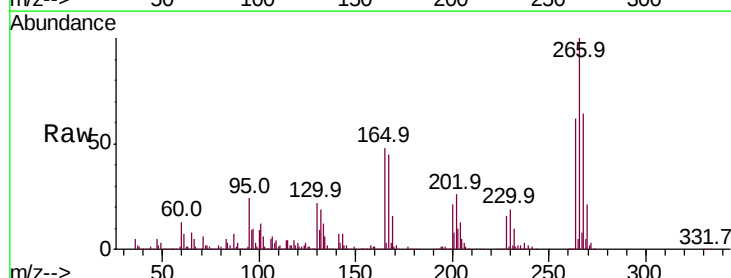
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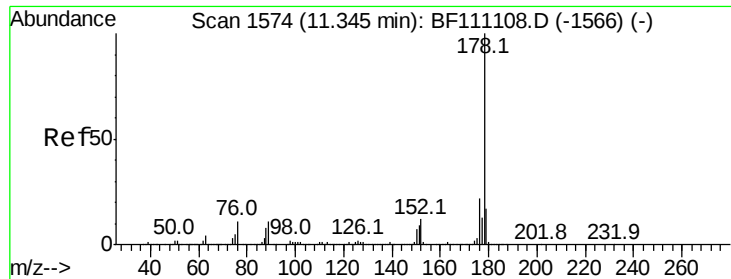
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#70
Pentachlorophenol
Concen: 41.007 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	52.2	78.4
264	61.6	50.8	76.2





#71

Phenanthrene

Concen: 38.430 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 3490096

Ion Ratio Lower Upper

178 100

176 21.6 17.7 26.5

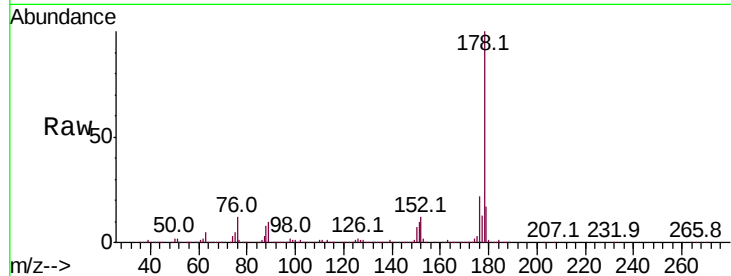
179 17.4 14.0 21.0

Manual Integrations

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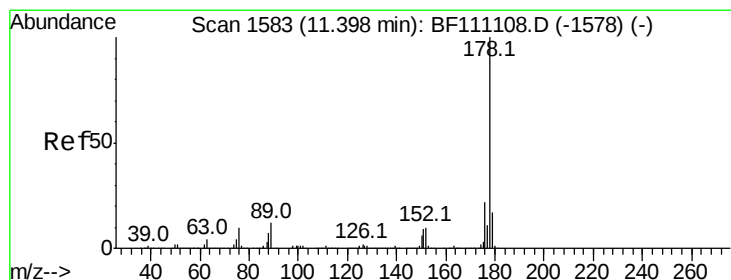
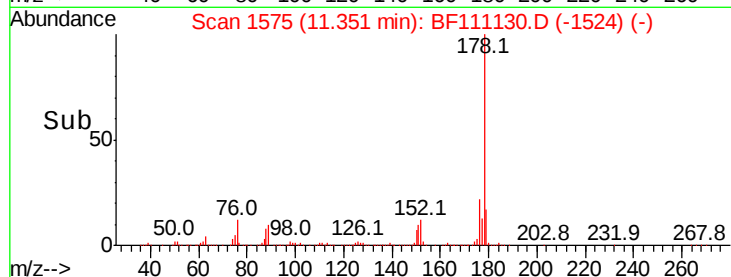
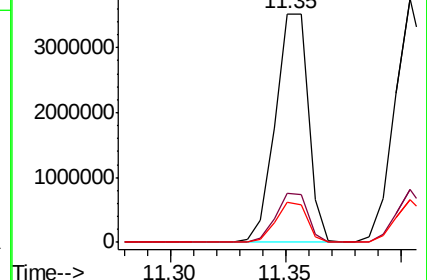
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.575 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

Tgt Ion:178 Resp: 3531321

Ion Ratio Lower Upper

178 100

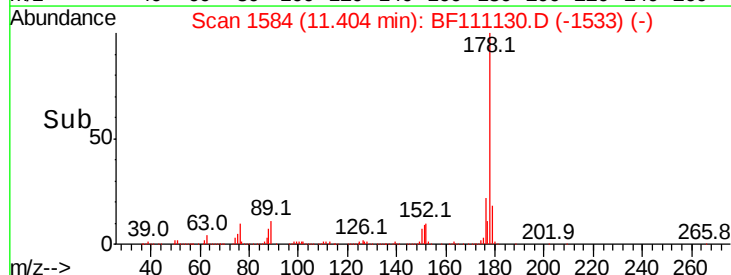
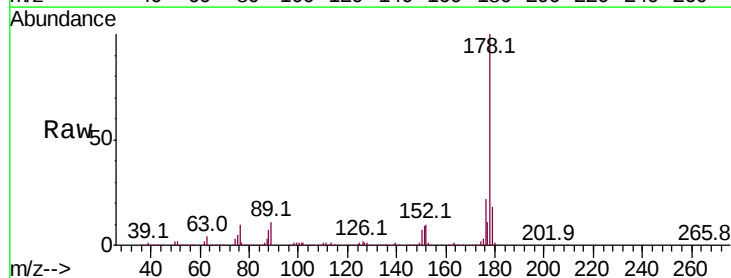
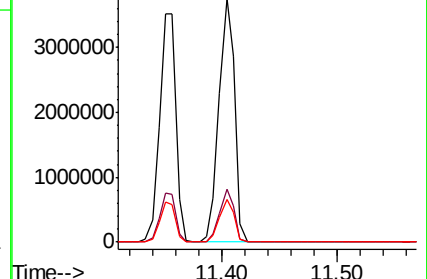
176 21.7 17.3 25.9

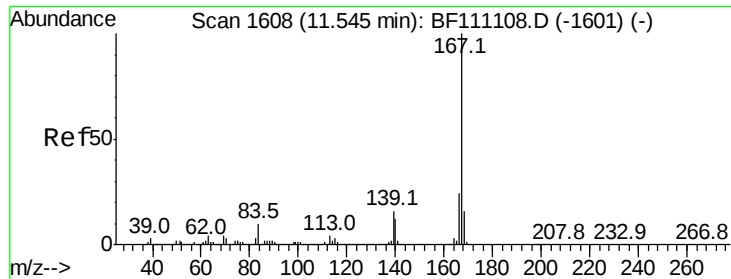
179 17.6 13.8 20.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





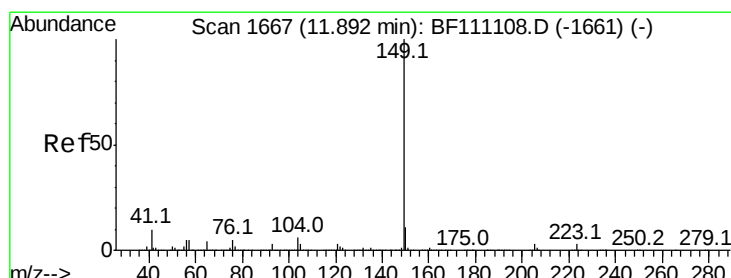
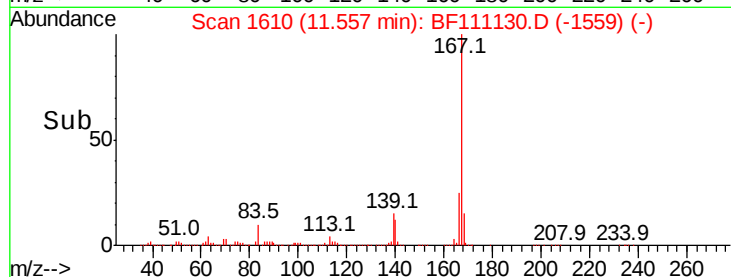
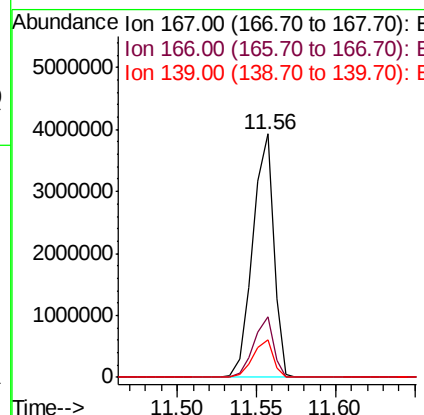
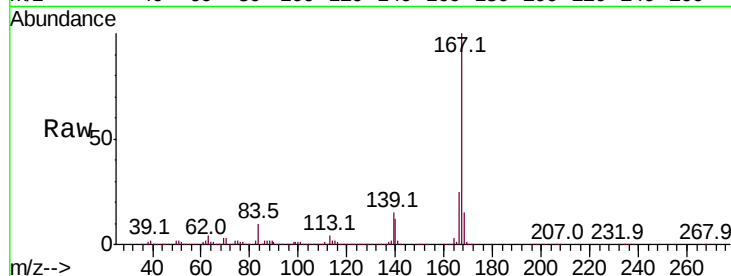
#73
 Carbazole
 Concen: 37.908 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF111130.D
 Acq: 6 Dec 2018 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.9	19.4	29.0
139	15.4	12.6	18.8

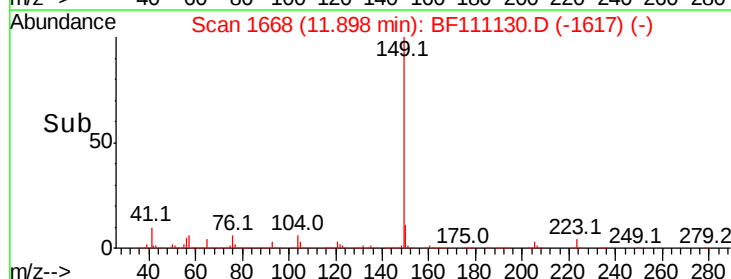
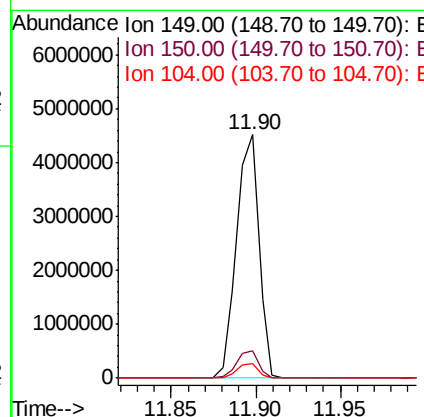
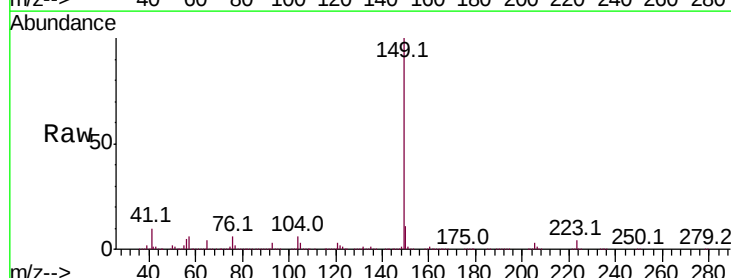
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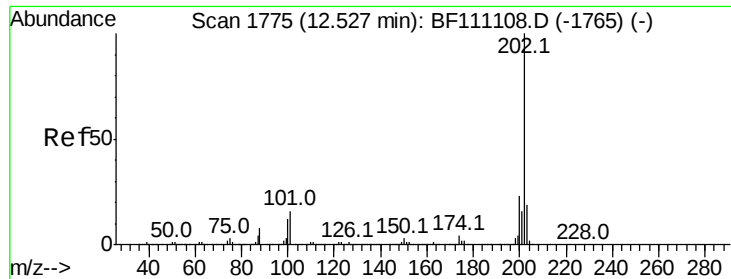
mohammad
 12/10/2018 12:18:53 PM



#74
 Di-n-butylphthalate
 Concen: 37.370 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BF111130.D
 Acq: 6 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.1	8.6	12.8
104	5.9	4.5	6.7





#75

Fluoranthene

Concen: 38.681 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

Instrument :

BNA_F

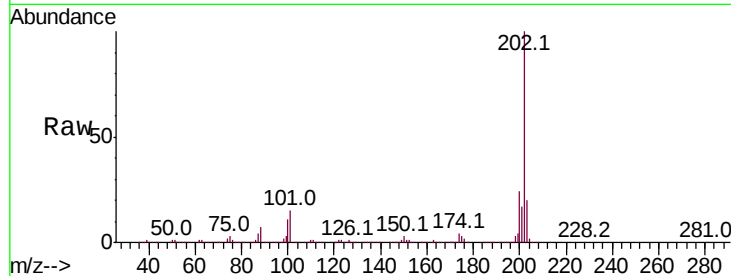
ClientSampleId :

SSTDCCC040

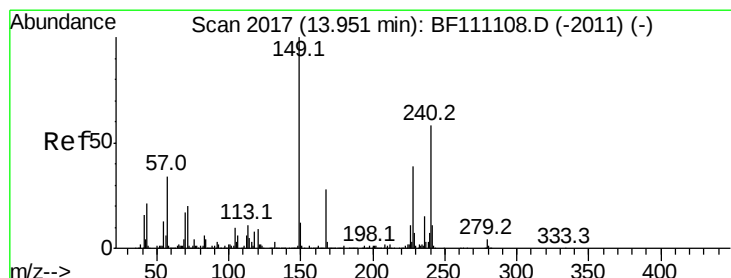
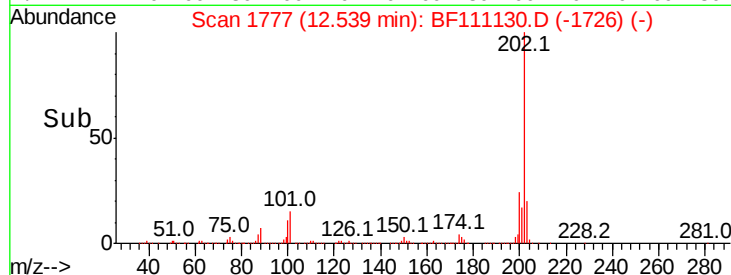
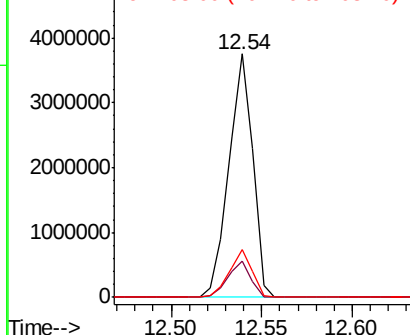
Tot Ion:	202	Resp:	3437491
Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	35.8
203	19.7	0.0	38.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

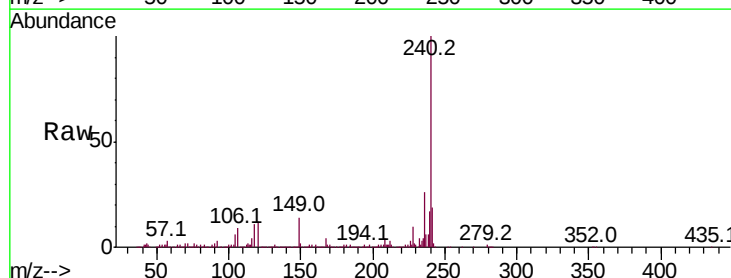
RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

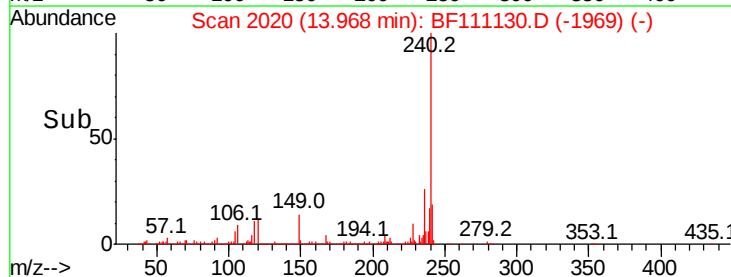
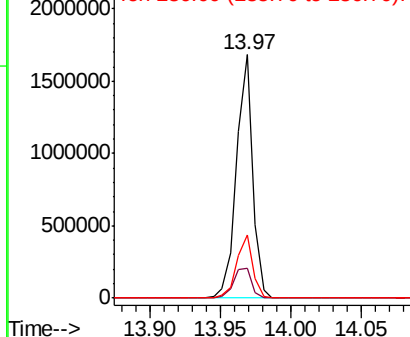
Lab File: BF111130.D

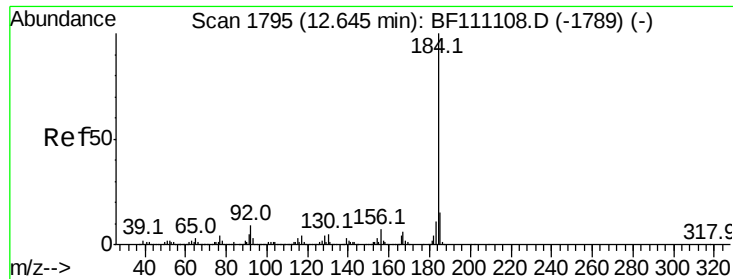
Acq: 6 Dec 2018 11:24

Tgt Ion:	240	Resp:	1343774
Ion	Ratio	Lower	Upper
240	100		
120	12.1	12.8	19.2#
236	26.0	21.1	31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.824 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1499942

Ion Ratio Lower Upper

184 100

185 15.4 12.0 18.0

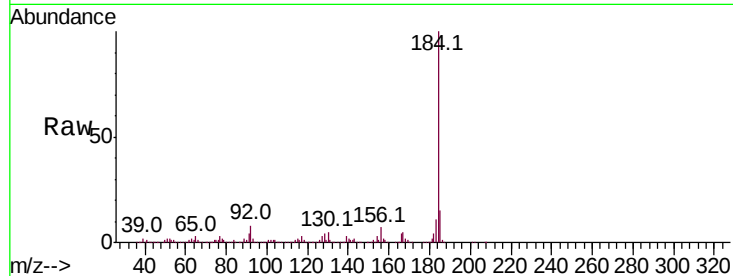
183 11.2 8.9 13.3

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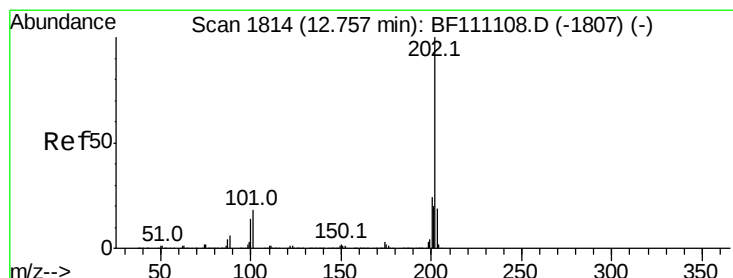
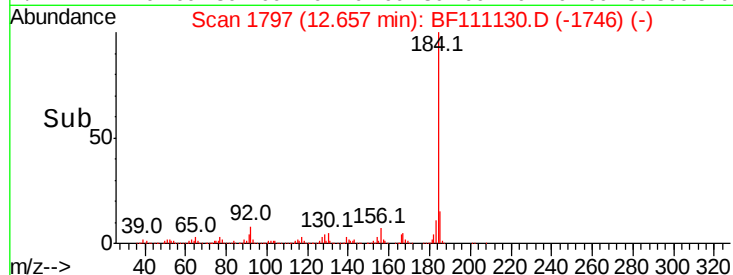
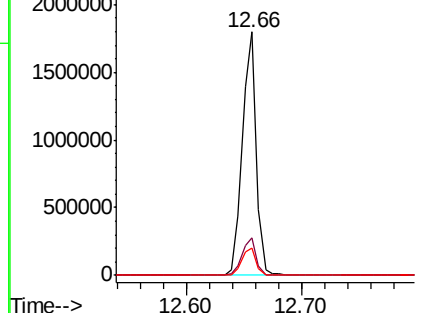
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 33.851 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

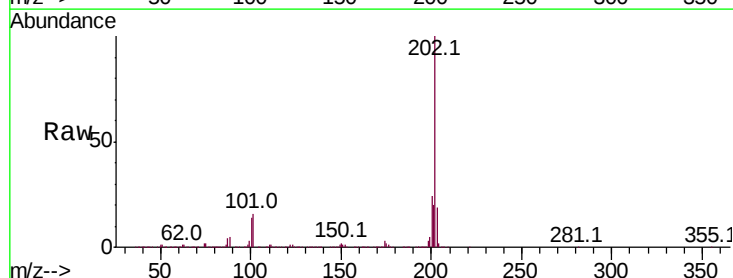
Tgt Ion:202 Resp: 3543885

Ion Ratio Lower Upper

202 100

200 23.7 19.3 28.9

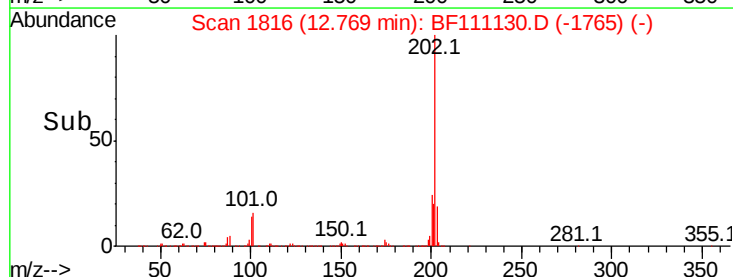
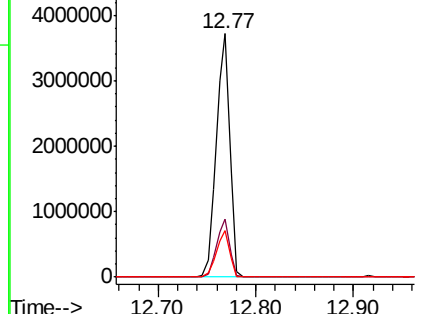
203 19.3 15.4 23.2

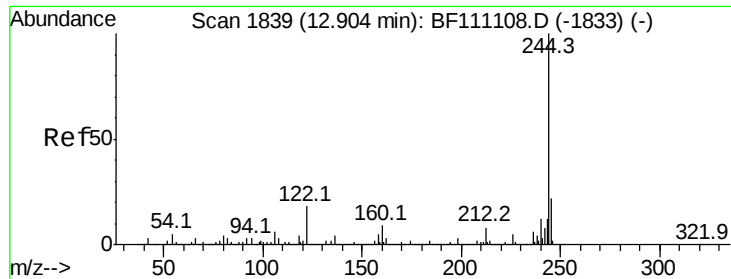


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





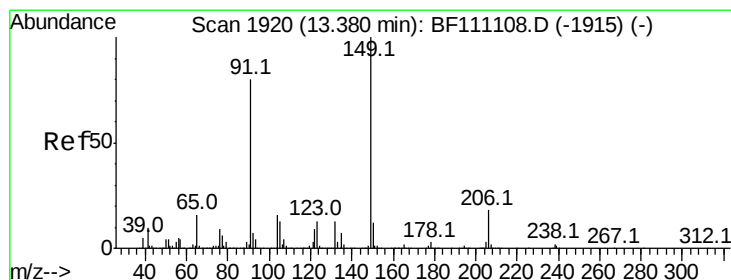
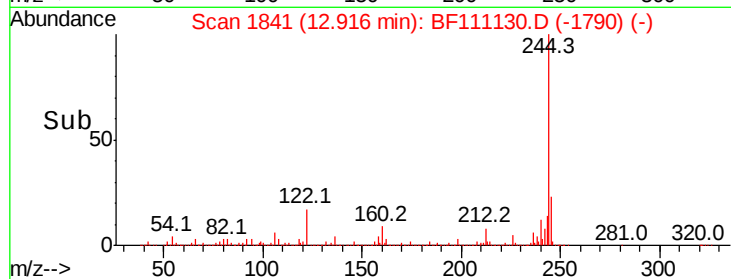
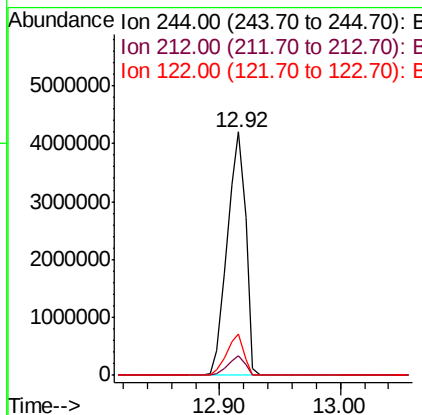
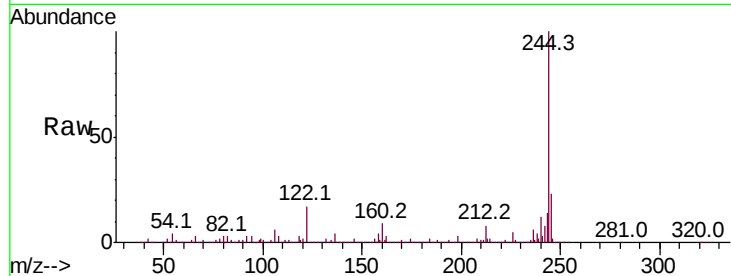
#79
 Terphenyl-d14
 Concen: 67.772 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF111130.D
 Acq: 6 Dec 2018 11:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:244 Resp: 4446799
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 17.1 14.2 21.2

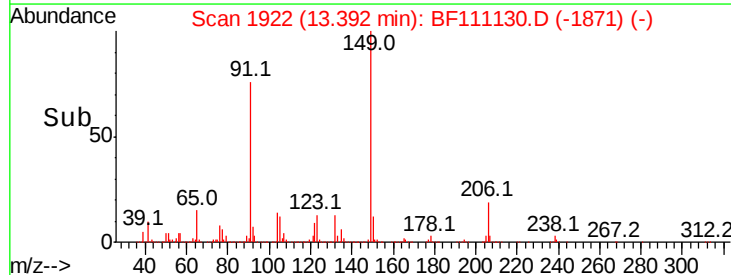
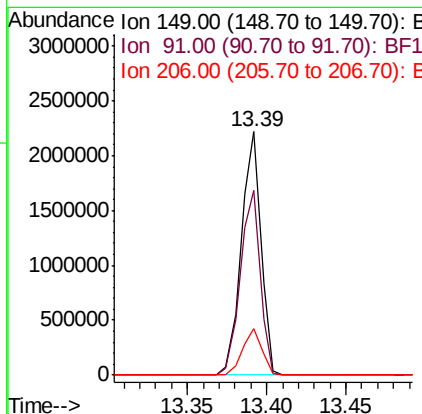
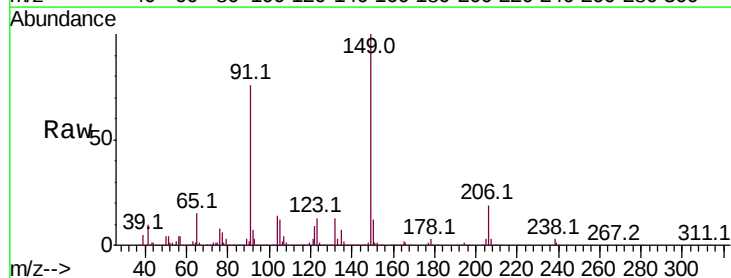
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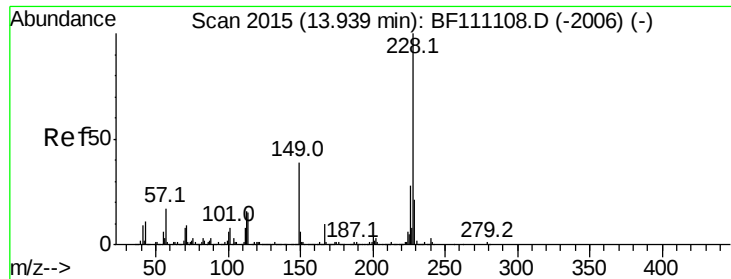
mohammad
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#80
 Butylbenzylphthalate
 Concen: 37.540 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: BF111130.D
 Acq: 6 Dec 2018 11:24

Tgt Ion:149 Resp: 1898559
 Ion Ratio Lower Upper
 149 100
 91 75.8 64.0 96.0
 206 19.2 14.1 21.1





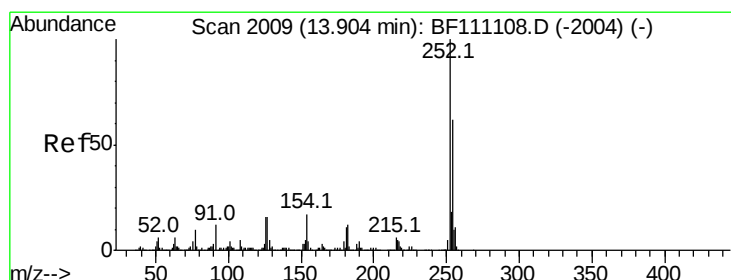
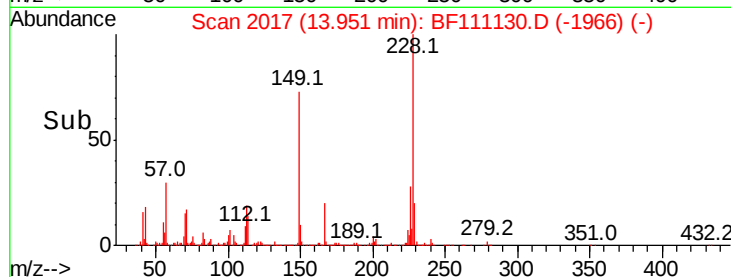
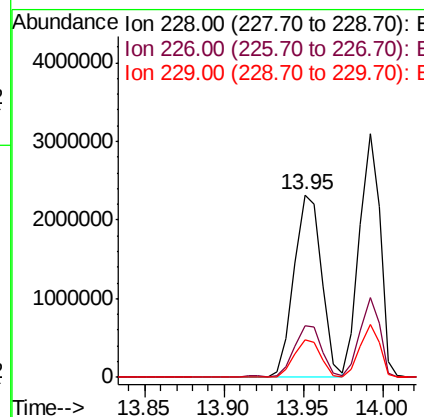
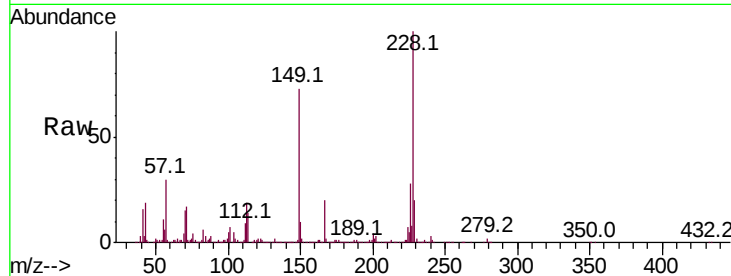
#81
Benzo(a)anthracene
Concen: 35.582 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 2801402
Ion Ratio Lower Upper
228 100
226 27.9 22.6 34.0
229 20.4 16.7 25.1

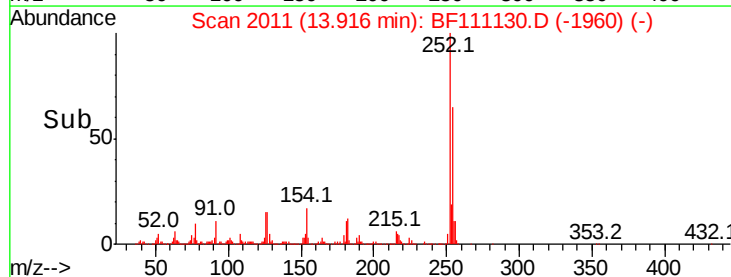
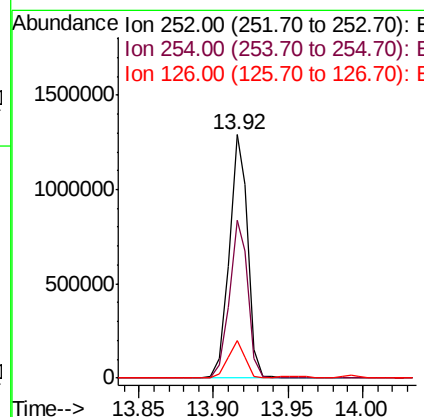
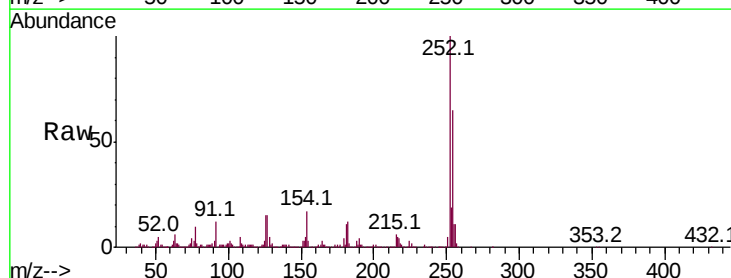
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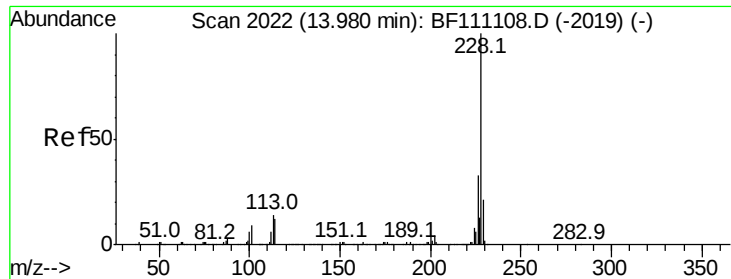
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 38.081 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion:252 Resp: 1131481
Ion Ratio Lower Upper
252 100
254 64.8 49.8 74.8
126 15.5 12.9 19.3





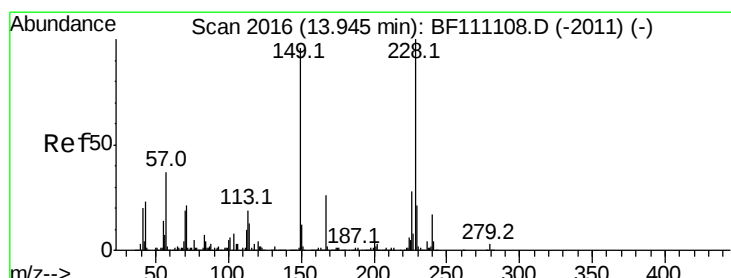
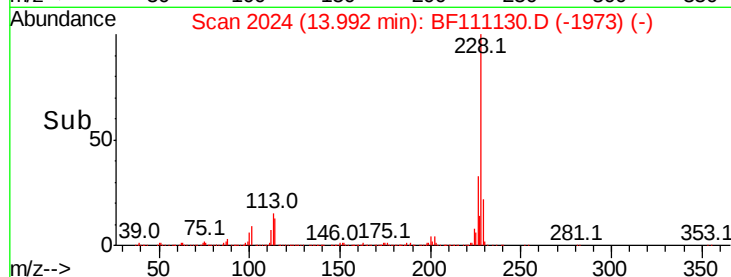
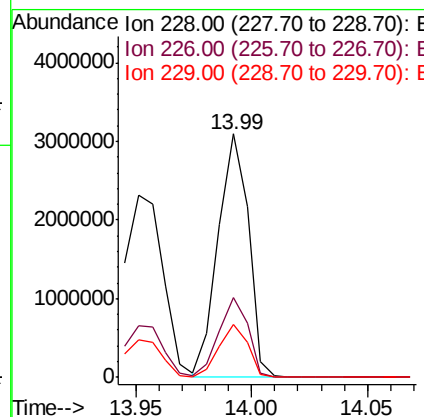
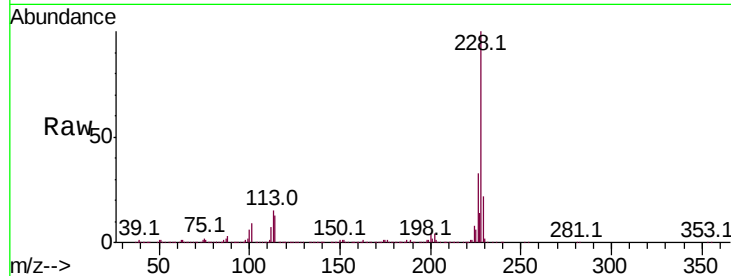
#83
Chrysene
Concen: 36.064 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 2818795
Ion Ratio Lower Upper
228 100
226 33.0 26.2 39.2
229 21.6 16.9 25.3

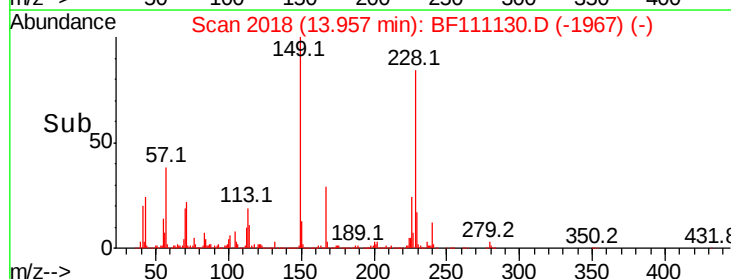
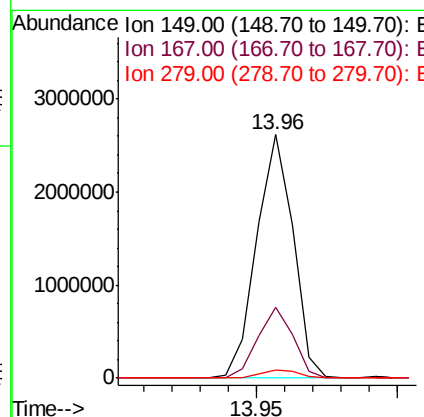
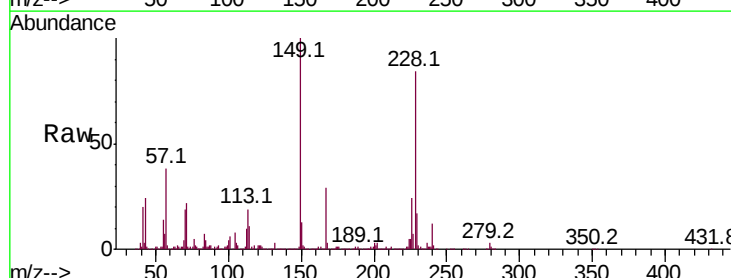
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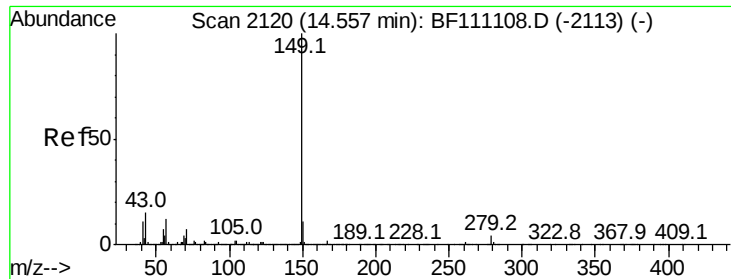
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.446 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion:149 Resp: 2348583
Ion Ratio Lower Upper
149 100
167 28.9 21.6 32.4
279 3.4 2.3 3.5





#85

Di-n-octyl phthalate

Concen: 41.277 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 3963985

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

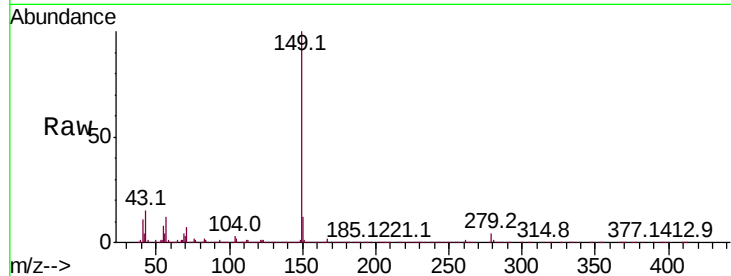
43 15.6 11.9 17.9

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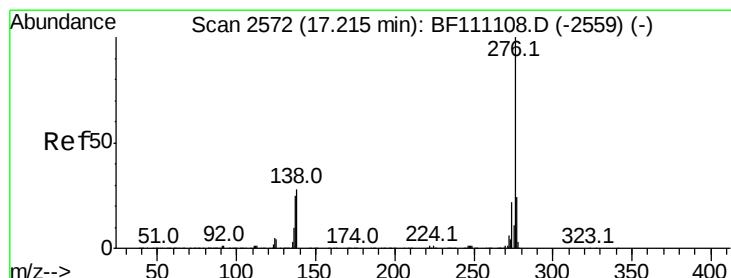
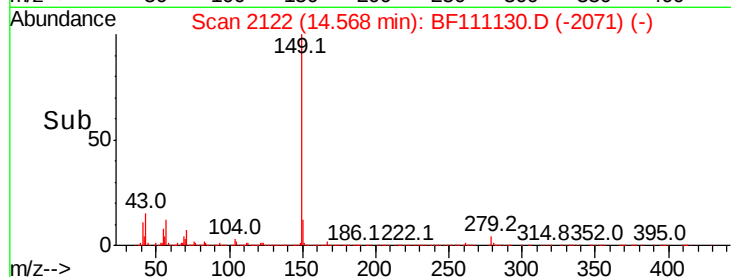
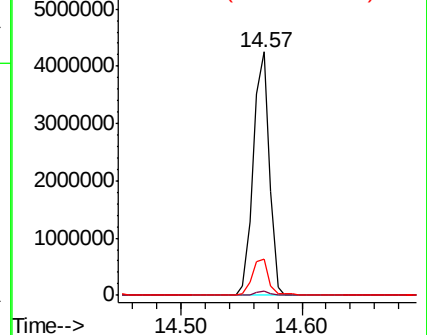
12/10/2018 12:18:53 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.998 ng m

RT: 16.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

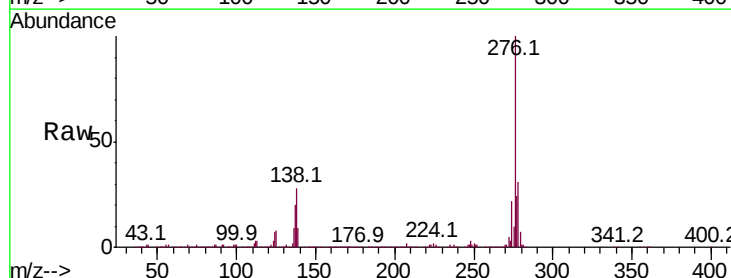
Tgt Ion:276 Resp: 2008054

Ion Ratio Lower Upper

276 100

138 32.7 20.2 30.4#

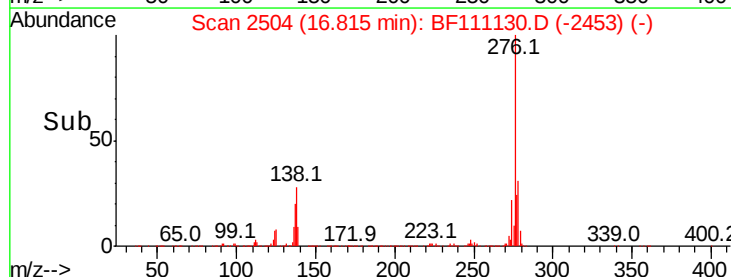
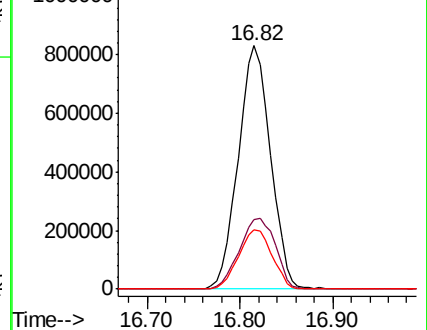
277 25.4 15.8 23.6#

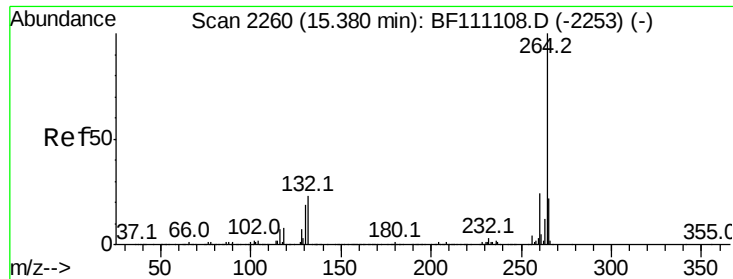


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 1109701

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

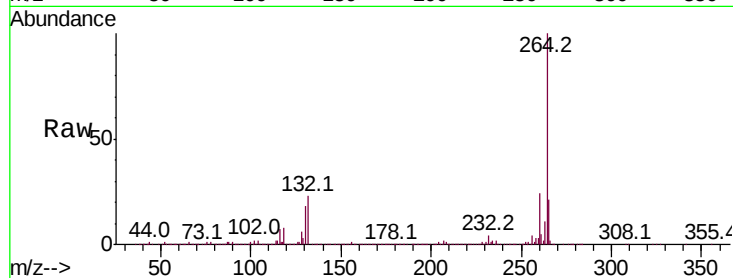
265 21.1 17.4 26.0

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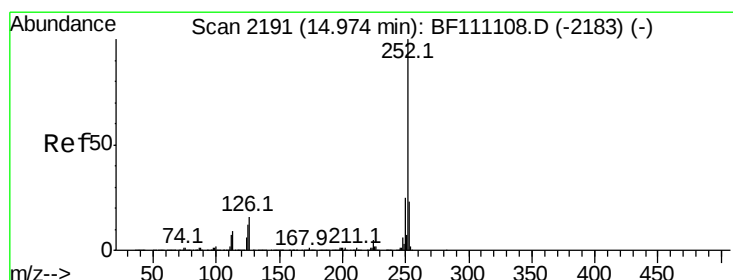
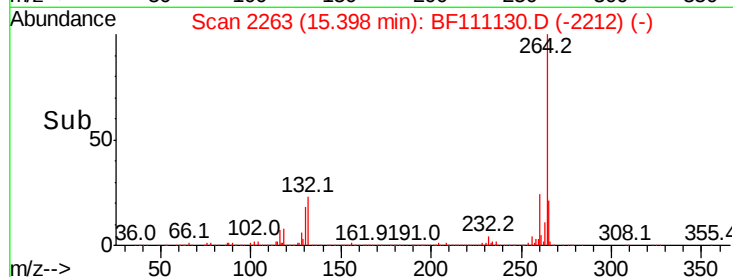
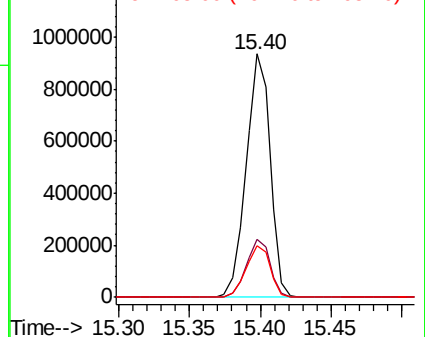


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.262 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BF111130.D

Acq: 6 Dec 2018 11:24

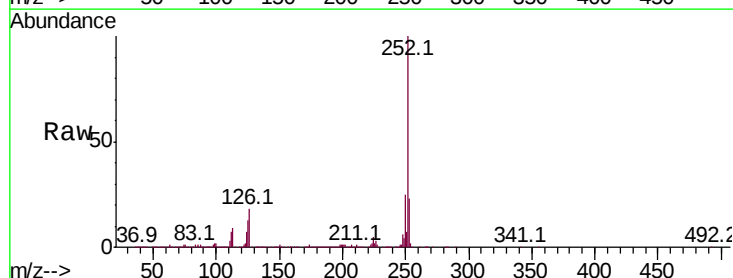
Tgt Ion:252 Resp: 2594565

Ion Ratio Lower Upper

252 100

253 23.5 18.5 27.7

125 13.0 9.9 14.9

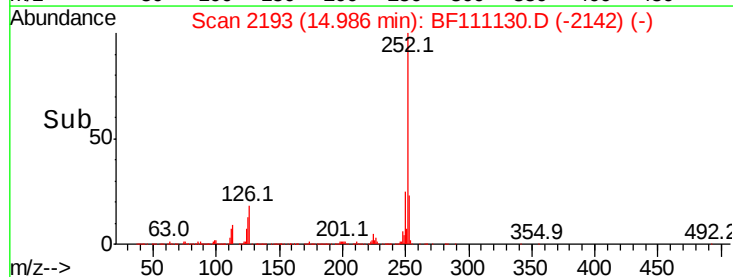
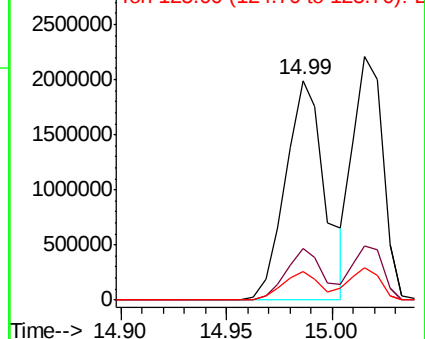


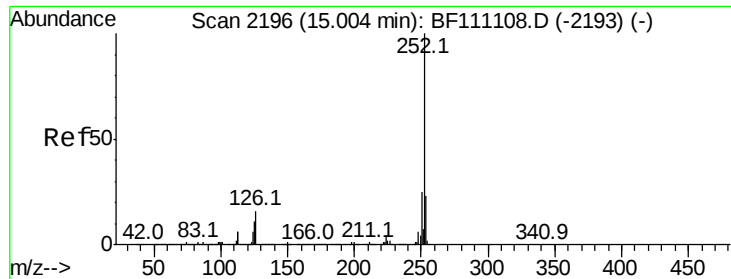
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





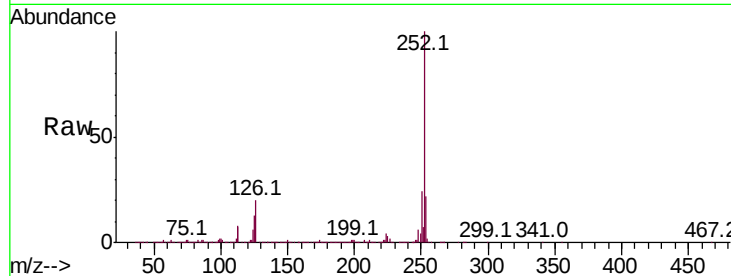
#89
Benzo(k)fluoranthene
Concen: 36.221 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

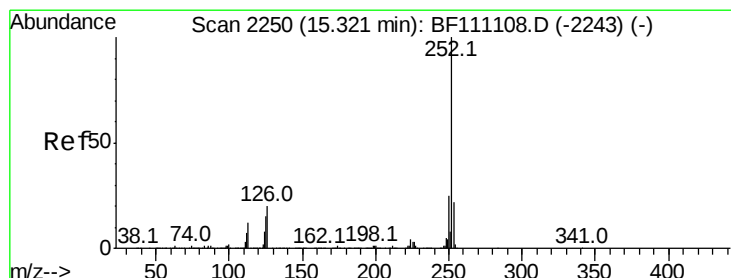
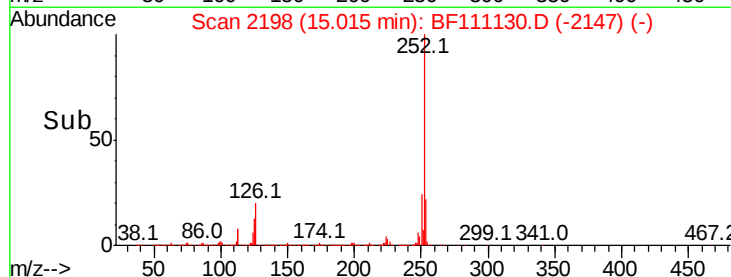
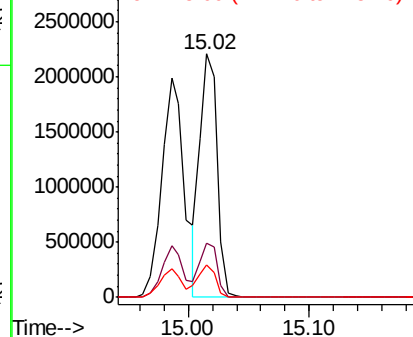
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	13.4	9.9	14.9

Manual Integrations
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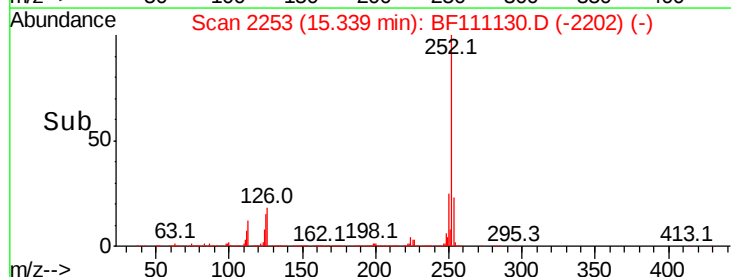
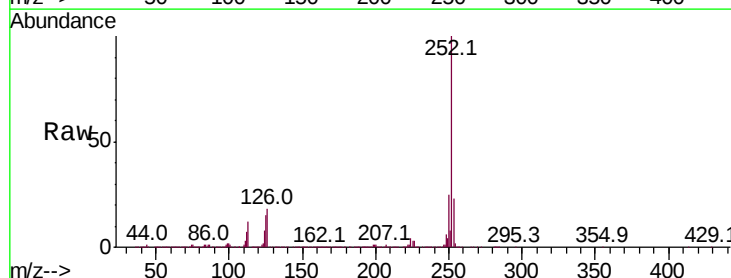
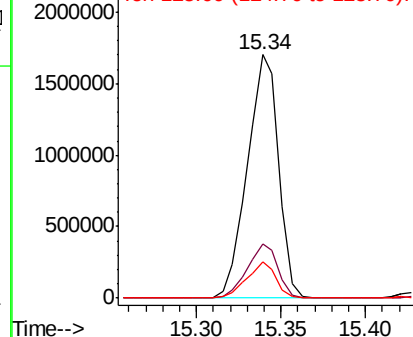
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

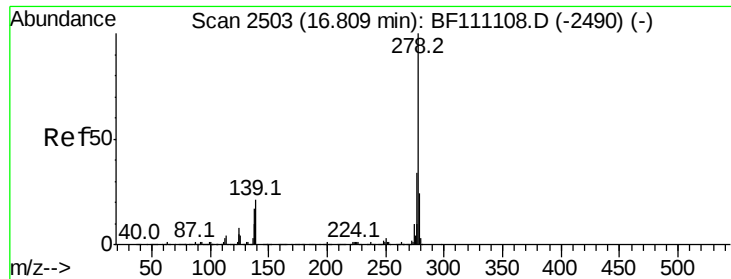


#90
Benzo(a)pyrene
Concen: 37.936 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	14.6	12.4	18.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





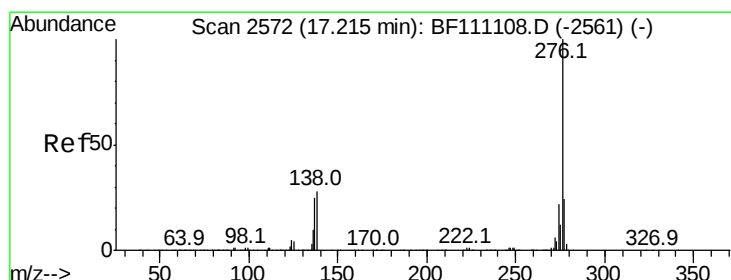
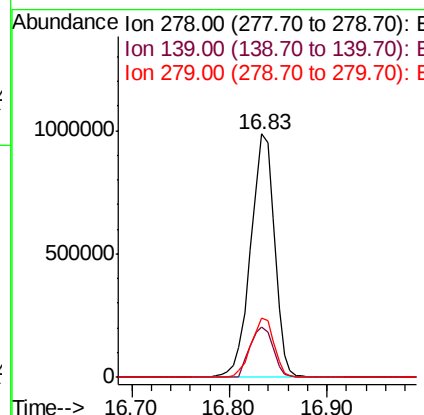
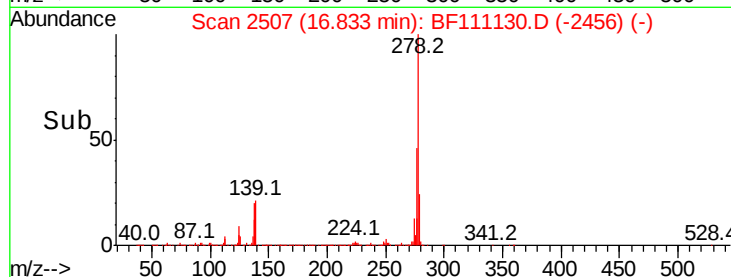
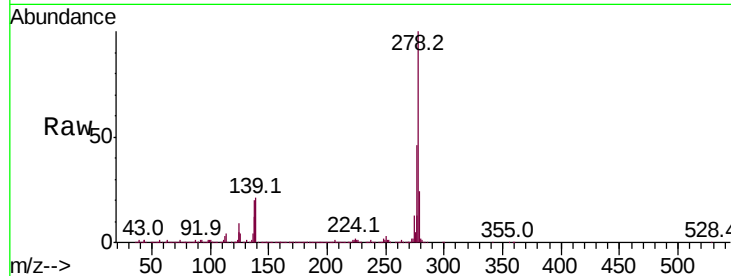
#91
Dibenzo(a,h)anthracene
Concen: 34.793 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1684007
Ion Ratio Lower Upper
278 100
139 20.8 16.6 25.0
279 24.5 18.8 28.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 34.223 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.00 min
Lab File: BF111130.D
Acq: 6 Dec 2018 11:24

Tgt Ion:276 Resp: 1664559
Ion Ratio Lower Upper
276 100
277 24.5 19.3 28.9
138 26.1 22.3 33.5

