

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
 Data File : BF111108.D
 Acq On : 5 Dec 2018 14:50
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 12/6/2018 12:10:44 PM

Quant Time: Dec 05 17:26:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 15:25:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	519964	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2126153	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	992609	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1695229	20.00	ng	0.00
76) Chrysene-d12	13.95	240	1080332	20.00	ng	0.00
87) Perylene-d12	15.38	264	919888	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	2603803	83.04	ng	0.00
7) Phenol-d6	6.43	99	3364524	82.34	ng	0.00
23) Nitrobenzene-d5	7.37	82	2935723	79.02	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	636120	64.53	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4501611	65.70	ng	0.00
79) Terphenyl-d14	12.90	244	4063153	73.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	760543	50.629	ng	# 83
3) Pyridine	3.25	79	1692515	51.453	ng	# 71
4) n-Nitrosodimethylamine	3.19	42	841811	55.928	ng	# 80
6) Aniline	6.47	93	2287462	45.285	ng	# 53
8) 2-Chlorophenol	6.59	128	1520735	40.925	ng	# 99
9) Benzaldehyde	6.35	77	951750	43.637	ng	# 96
10) Phenol	6.45	94	1814786m	39.438	ng	# 88
11) bis(2-Chloroethyl)ether	6.54	93	1504275	43.391	ng	# 98
12) 1,3-Dichlorobenzene	6.75	146	1580963	38.728	ng	# 97
13) 1,4-Dichlorobenzene	6.82	146	1609285	38.335	ng	# 99
14) 1,2-Dichlorobenzene	6.98	146	1509222	38.198	ng	# 92
15) Benzyl Alcohol	6.95	79	1350544	43.009	ng	# 65
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2965893	53.757	ng	# 81
17) 2-Methylphenol	7.06	107	1244775	42.131	ng	# 88
18) Hexachloroethane	7.32	117	623758	40.393	ng	# 84
19) n-Nitroso-di-n-propylamine	7.22	70	1123335	42.204	ng	# 83
20) 3+4-Methylphenols	7.21	107	1502802	38.264	ng	# 88
22) Acetophenone	7.22	105	1985592	39.842	ng	# 94
24) Nitrobenzene	7.39	77	1577189	40.824	ng	# 97
25) Isophorone	7.63	82	2575815	42.268	ng	# 96
26) 2-Nitrophenol	7.70	139	696523	37.109	ng	# 96
27) 2,4-Dimethylphenol	7.74	122	1203023	42.442	ng	# 99
28) bis(2-Chloroethoxy)methane	7.84	93	1759668	43.102	ng	# 98
29) 2,4-Dichlorophenol	7.94	162	1213085	40.898	ng	# 94
30) 1,2,4-Trichlorobenzene	8.03	180	1212584	36.479	ng	# 95
31) Naphthalene	8.11	128	3734392	37.470	ng	# 96
32) Benzoic acid	7.85	122	881894m	41.847	ng	# 100
33) 4-Chloroaniline	8.15	127	1792803	42.263	ng	# 70
34) Hexachlorobutadiene	8.23	225	663908	35.066	ng	# 98
35) Caprolactam	8.53	113	434191	42.877	ng	# 100
36) 4-Chloro-3-methylphenol	8.63	107	1334431	40.491	ng	# 97
37) 2-Methylnaphthalene	8.80	142	2527239	38.391	ng	# 97
38) 1-Methylnaphthalene	8.90	142	2408356m	37.612	ng	# 97
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1033889	33.111	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	578211	184.028	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	781475	41.905	nq	99
44) 2,4,5-Trichlorophenol	9.11	196	796594	40.567	nq	96
46) 1,1'-Biphenyl	9.26	154	3195373	34.917	nq	94
47) 2-Chloronaphthalene	9.29	162	2484564	37.445	nq	94
48) 2-Nitroaniline	9.37	65	844878	40.709	nq	97
49) Acenaphthylene	9.70	152	3589371	38.043	nq	94
50) Dimethylphthalate	9.56	163	2731058	37.515	nq	98
51) 2,6-Dinitrotoluene	9.62	165	625544	38.599	nq	94
52) Acenaphthene	9.87	154	2269923	37.528	nq	99
53) 3-Nitroaniline	9.79	138	773616	40.956	nq	97
54) 2,4-Dinitrophenol	9.89	184	162138	31.473	nq	# 74
55) Dibenzofuran	10.05	168	3257890	36.921	nq	96
56) 4-Nitrophenol	9.93	139	595645	63.228	nq	90
57) 2,4-Dinitrotoluene	10.02	165	781713	37.178	nq	91
58) Fluorene	10.39	166	2290205	33.359	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	607911m	37.722	nq	
60) Diethylphthalate	10.26	149	2747867	36.603	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	1139480	31.732	nq	94
62) 4-Nitroaniline	10.40	138	689238	39.190	nq	92
63) Azobenzene	10.54	77	2917420	39.871	nq	90
65) 4,6-Dinitro-2-methylphenol	10.43	198	283577	35.363	nq	# 71
66) n-Nitrosodiphenylamine	10.50	169	2331663	41.317	nq	93
67) 4-Bromophenyl-phenylether	10.87	248	707074	38.298	nq	# 86
68) Hexachlorobenzene	10.94	284	718287	36.526	nq	# 92
69) Atrazine	11.02	200	611400	42.099	nq	96
70) Pentachlorophenol	11.12	266	504950	64.540	nq	98
71) Phenanthrene	11.35	178	3289903	36.642	nq	95
72) Anthracene	11.40	178	3326412	36.380	nq	96
73) Carbazole	11.55	167	3456295	38.945	nq	95
74) Di-n-butylphthalate	11.89	149	3955545	38.120	nq	98
75) Fluoranthene	12.53	202	3266783	35.401	nq	94
77) Benzidine	12.65	184	1196987	43.318	nq	97
78) Pyrene	12.76	202	3367949	42.684	nq	96
80) Butylbenzylphthalate	13.38	149	1707596	47.934	nq	91
81) Benzo(a)anthracene	13.94	228	2548849	39.962	nq	98
82) 3,3'-Dichlorobenzidine	13.90	252	993306	45.419	nq	# 96
83) Chrysene	13.98	228	2516351	40.077	nq	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	2054929	43.291	nq	96
85) Di-n-octyl phthalate	14.56	149	3181116	42.455	nq	# 88
86) Indeno(1,2,3-cd)pyrene	16.79	276	1974428m	43.809	nq	
88) Benzo(b)fluoranthene	14.97	252	2142534	39.647	nq	# 96
89) Benzo(k)fluoranthene	15.00	252	2013885	36.206	nq	# 95
90) Benzo(a)pyrene	15.32	252	1935847	38.484	nq	# 95
91) Dibenzo(a,h)anthracene	16.81	278	1636576	39.433	nq	# 95
92) Benzo(g,h,i)perylene	17.22	276	1647302	41.165	nq	# 91

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

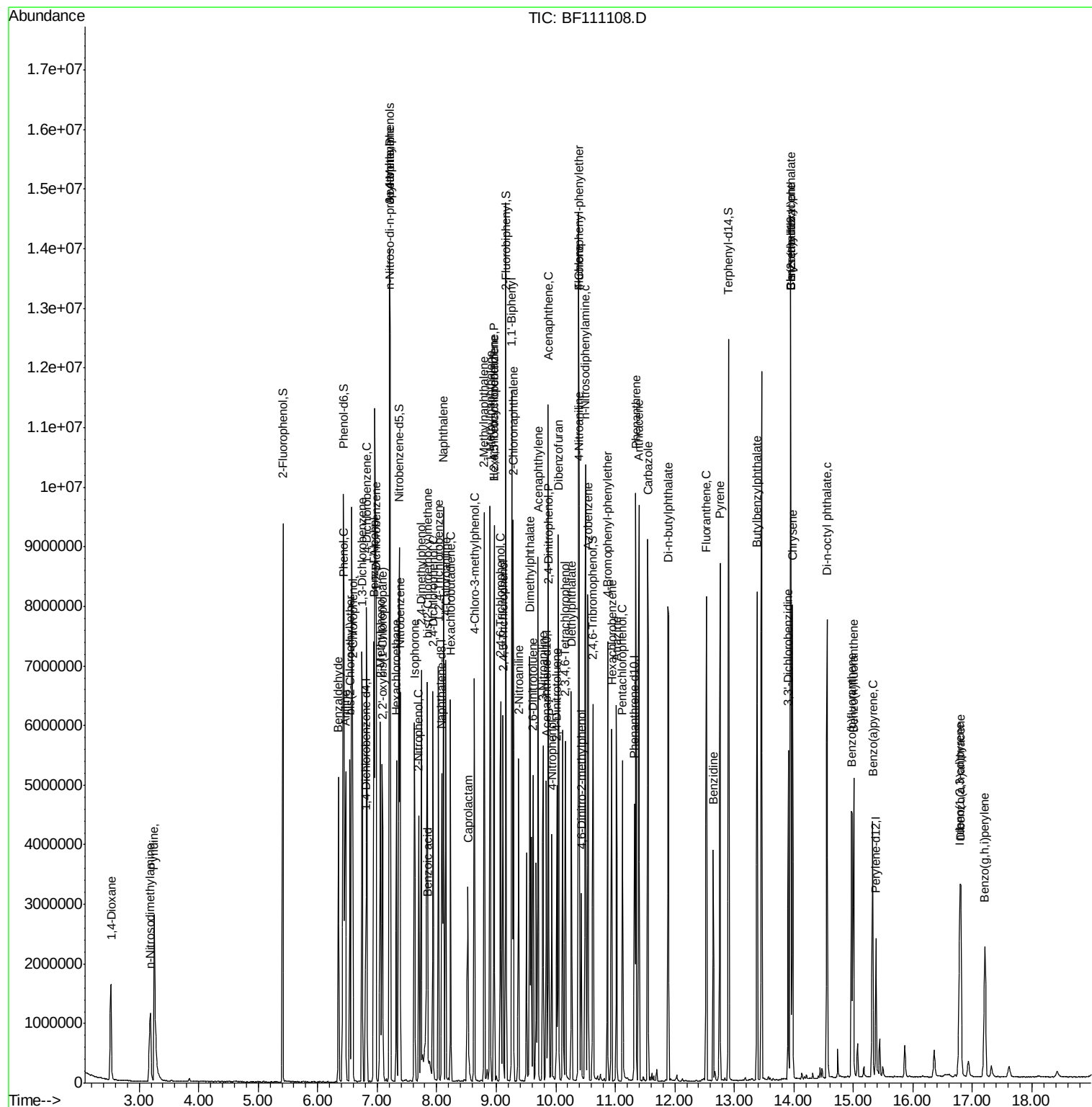
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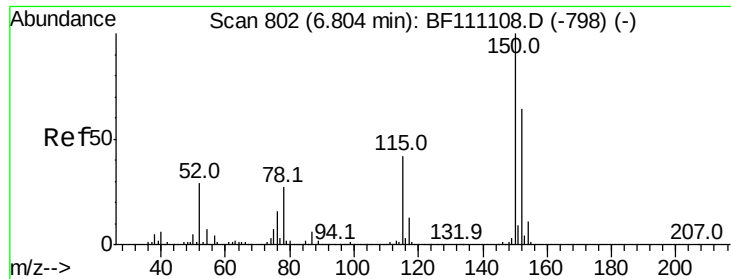
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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#1

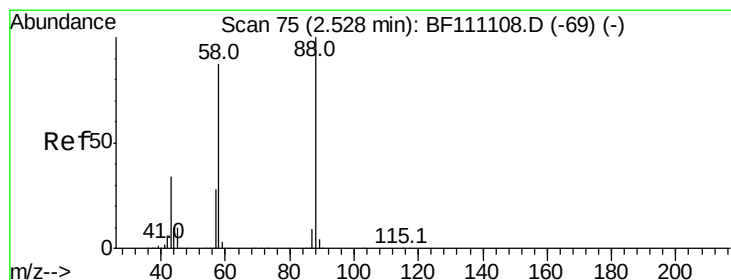
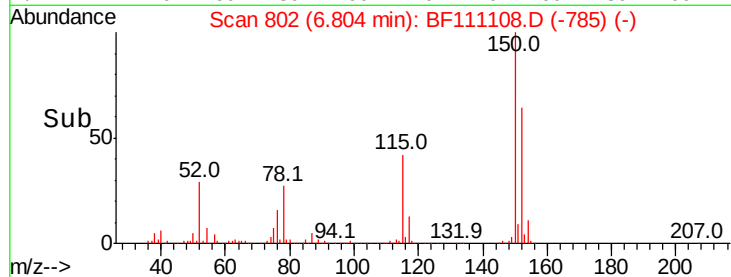
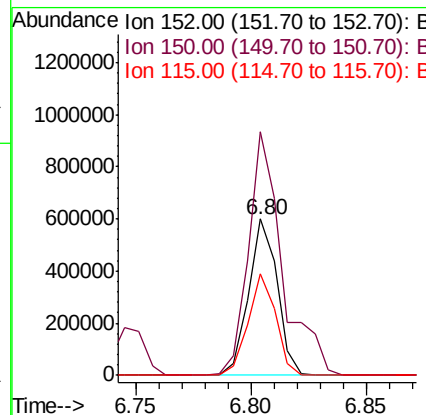
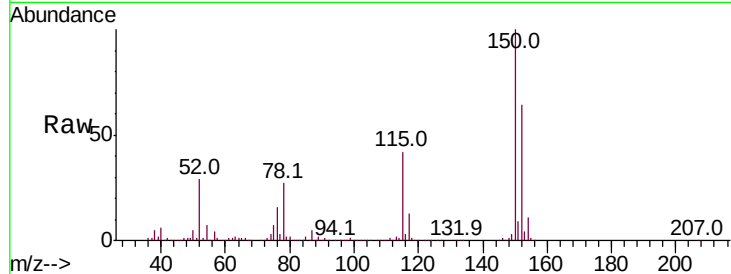
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.7	184.1
115	65.2	49.1	73.7

Manual Integrations
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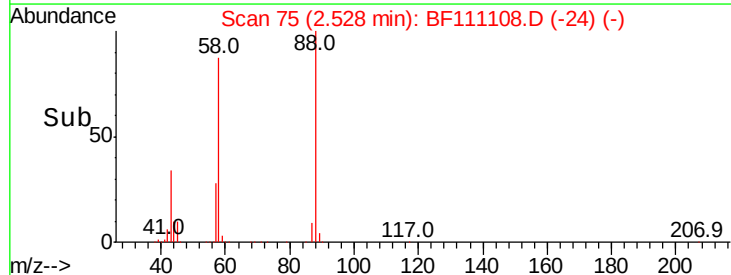
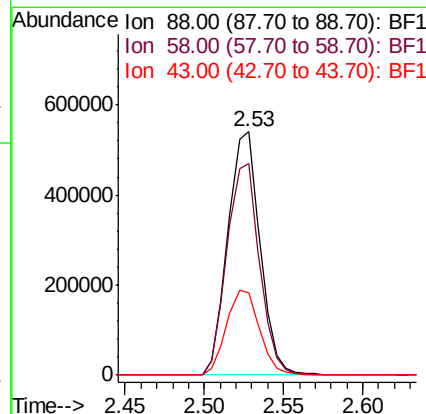
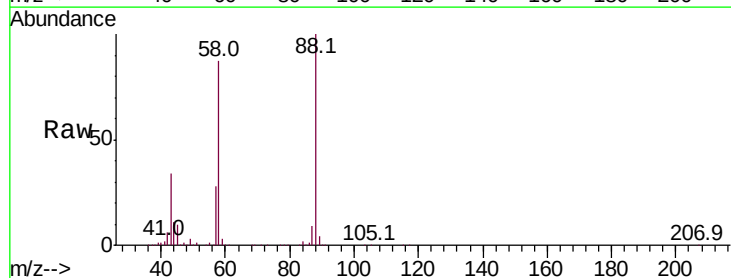
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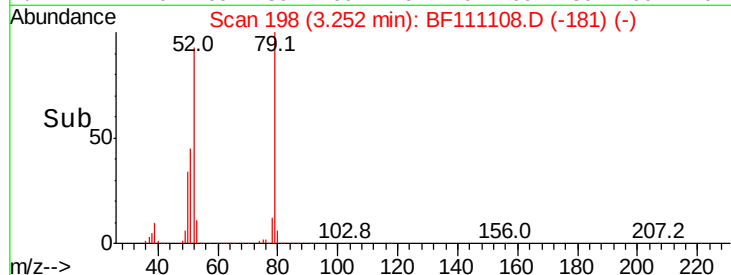
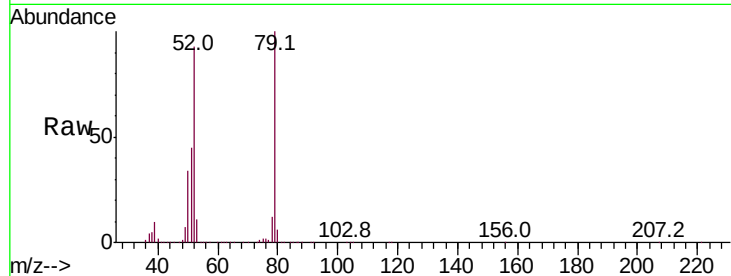
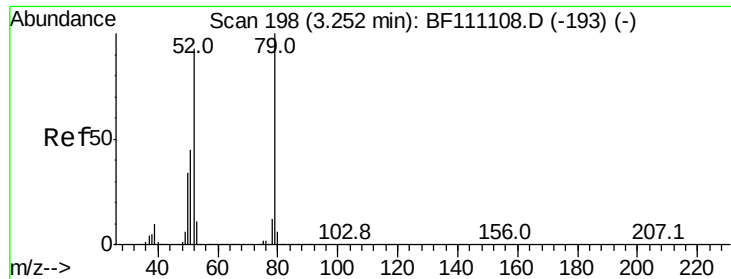


#2

1,4-Dioxane
Concen: 50.629 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.5	57.1	85.7#
43	35.4	24.1	36.1





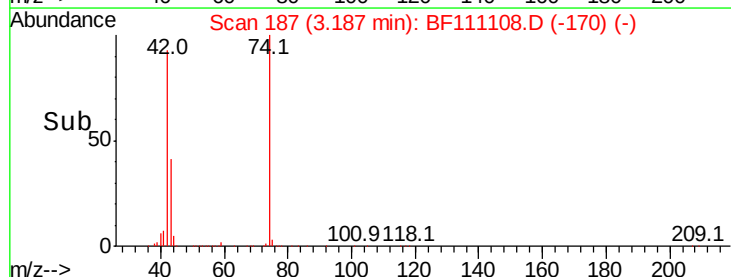
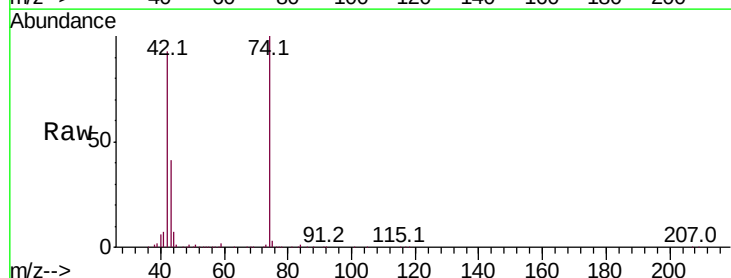
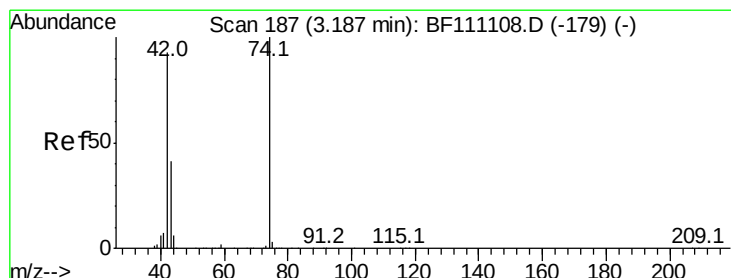
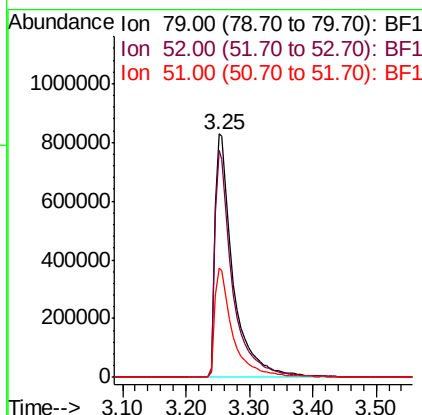
#3
Pvridine
Concen: 51.453 ng
RT: 3.25 min Scan# 198
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tot Ion: 79 Resp: 1692515
Ion Ratio Lower Upper
79 100
52 93.4 53.1 79.7#
51 44.9 27.4 41.2#

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

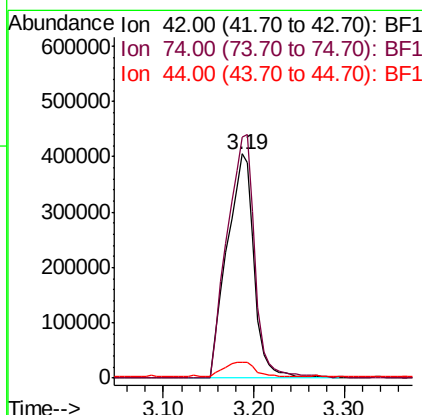
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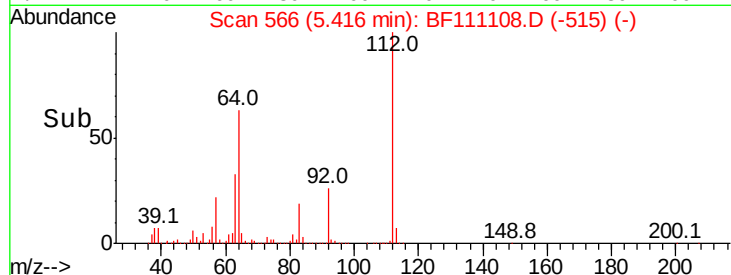
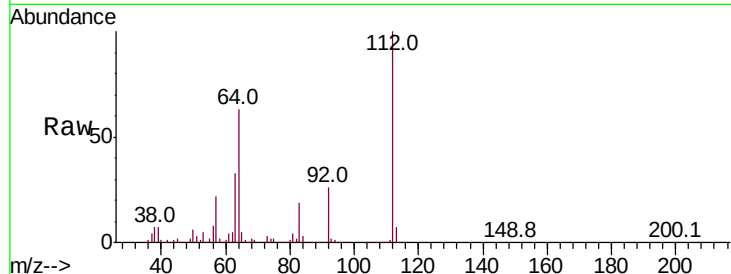
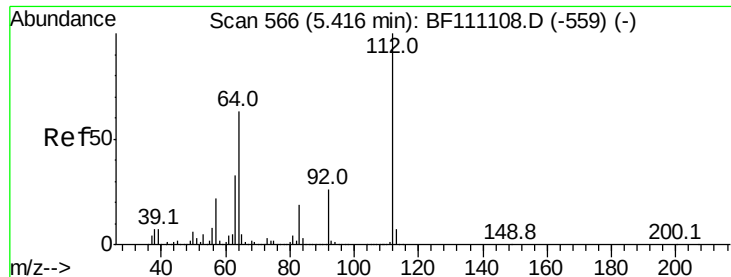
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#4
n-Nitrosodimethylamine
Concen: 55.928 ng
RT: 3.19 min Scan# 187
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tgt Ion: 42 Resp: 841811
Ion Ratio Lower Upper
42 100
74 107.7 105.5 158.3
44 7.1 4.9 7.3





#5

2-Fluorophenol

Concen: 83.043 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Tot Ion:	112	Resp:	2603803
Ion	Ratio	Lower	Upper
112	100		
64	62.8	44.1	66.1
63	33.2	23.7	35.5

Instrument :

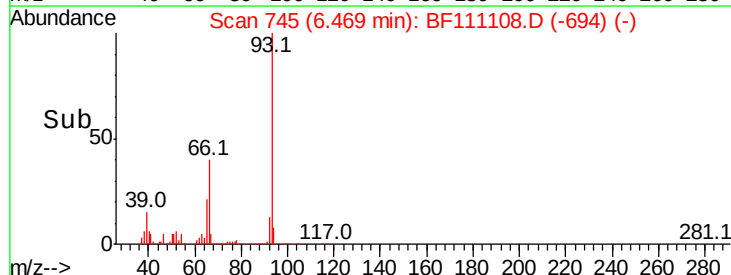
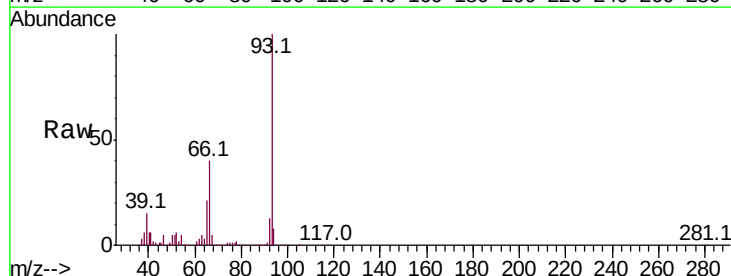
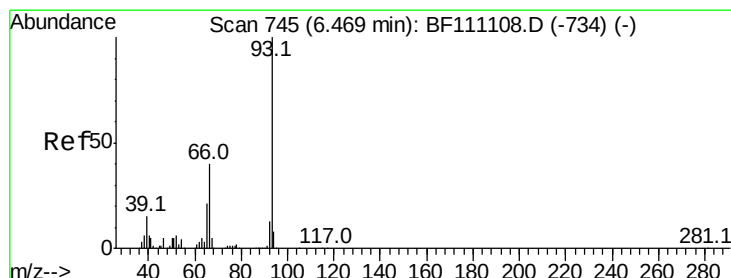
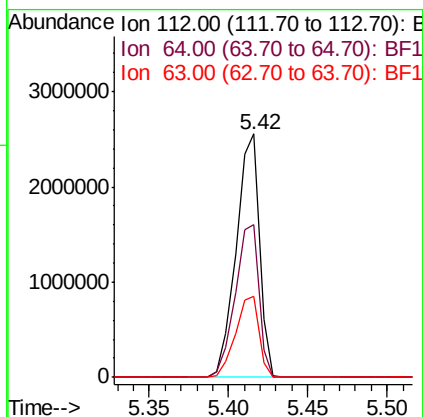
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 45.285 ng

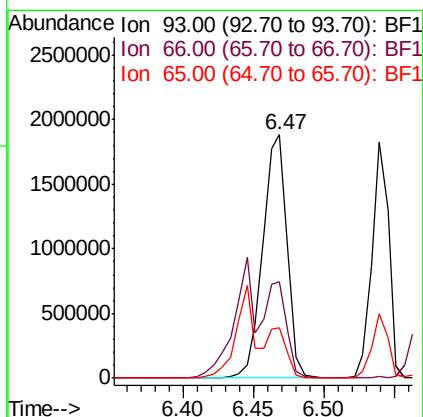
RT: 6.47 min Scan# 745

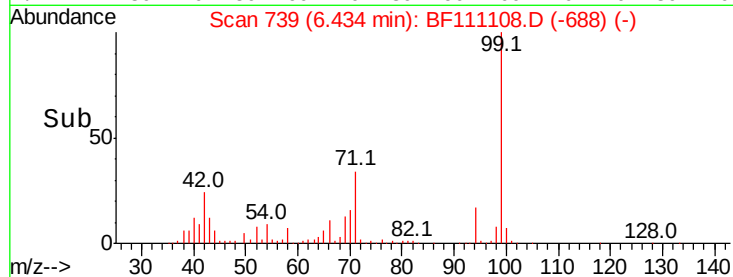
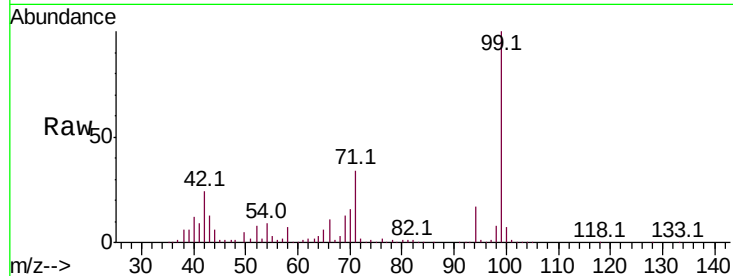
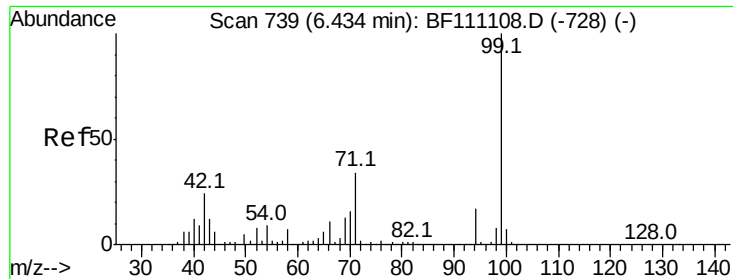
Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Tgt Ion:	93	Resp:	2287462
Ion	Ratio	Lower	Upper
93	100		
66	39.8	67.4	101.0#
65	20.7	41.0	61.4#





#7

Phenol-d6

Concen: 82.341 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Tot Ion: 99 Resp: 3364524

Ion Ratio Lower Upper

99 100

42 24.1 15.8 23.6#

71 34.3 28.0 42.0

Instrument :

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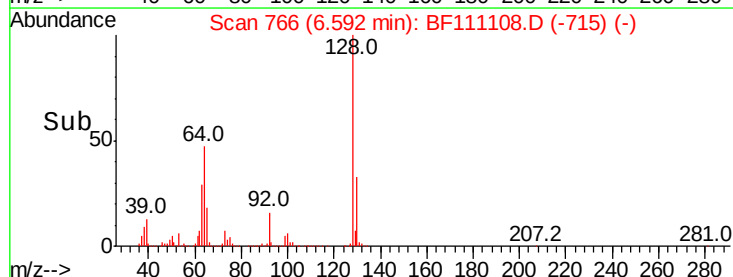
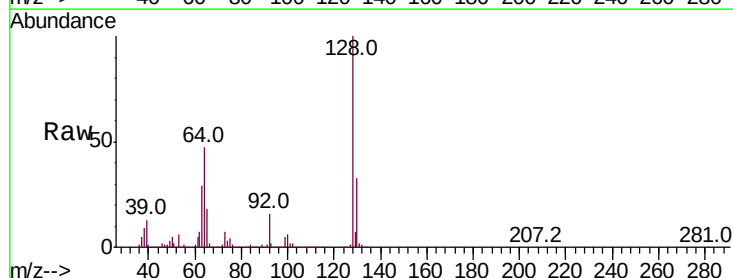
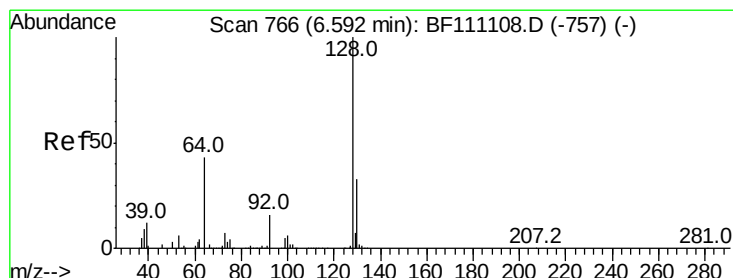
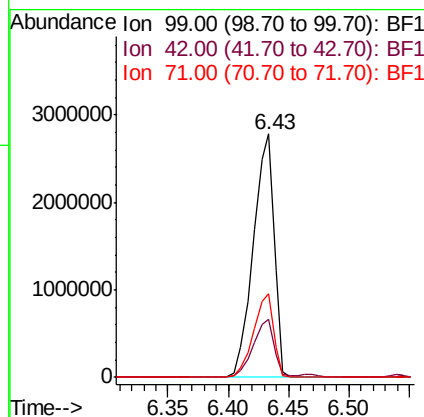
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#8

2-Chlorophenol

Concen: 40.925 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

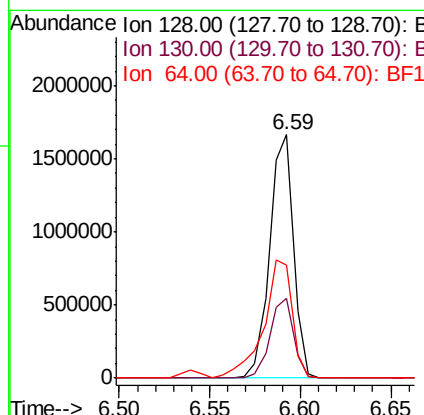
Tgt Ion:128 Resp: 1520735

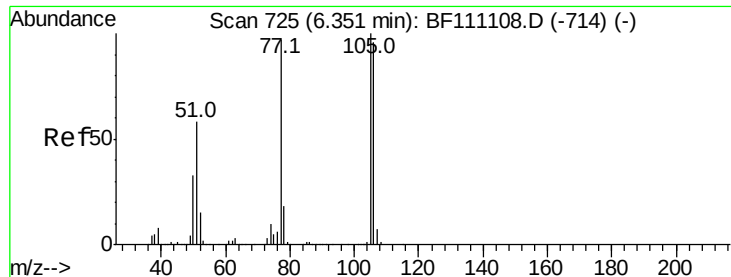
Ion Ratio Lower Upper

128 100

130 32.8 13.1 53.1

64 46.6 26.0 66.0





#9

Benzaldehyde

Concen: 43.637 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Instrument :

BNA_F

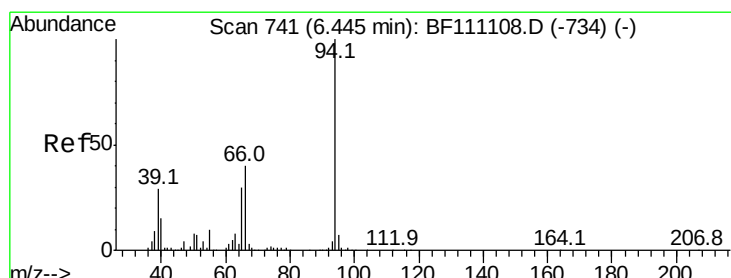
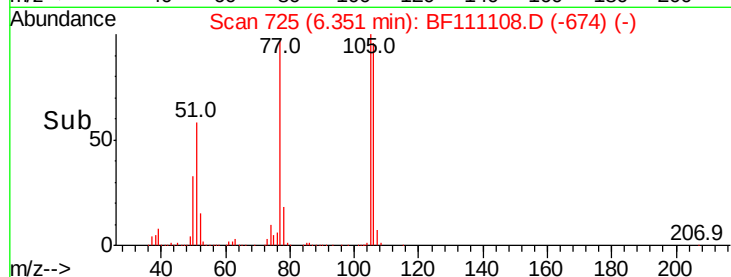
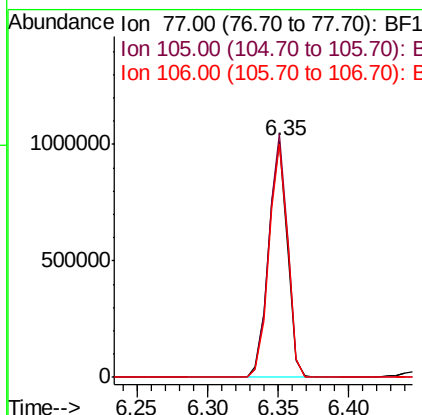
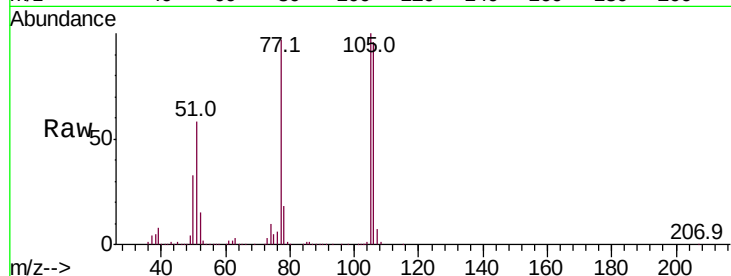
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.1	78.6	118.6
106	99.0	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 39.438 ng m

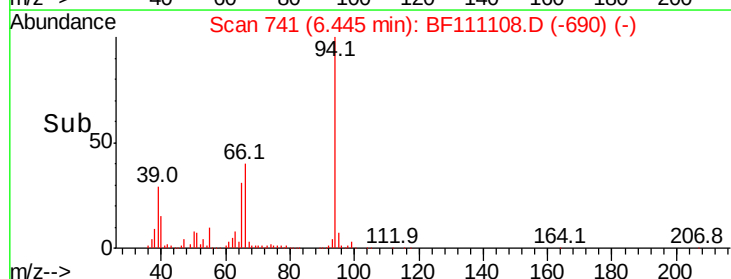
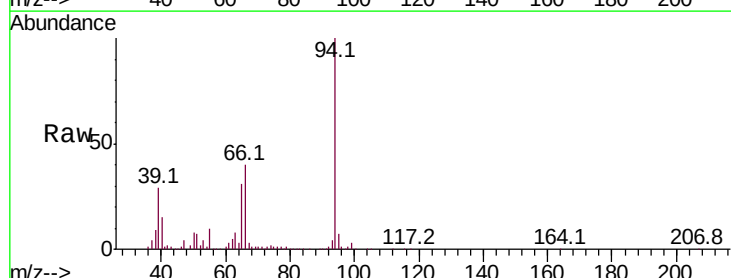
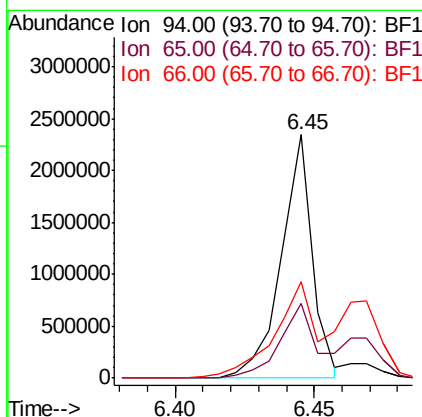
RT: 6.45 min Scan# 741

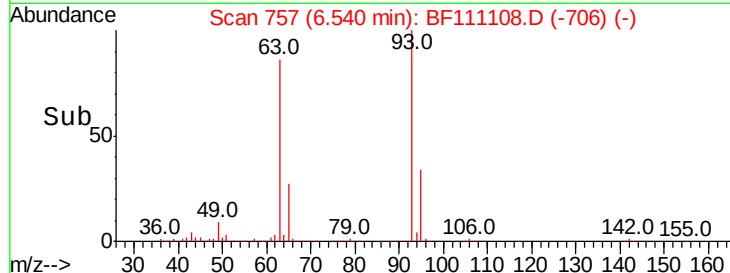
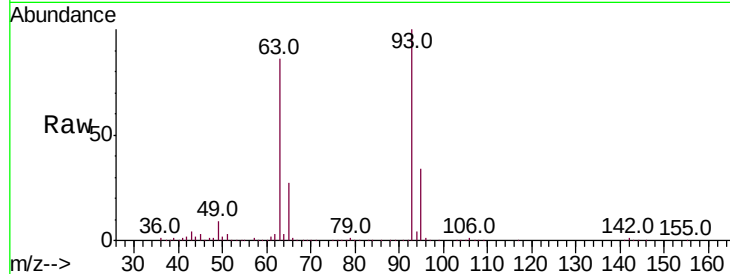
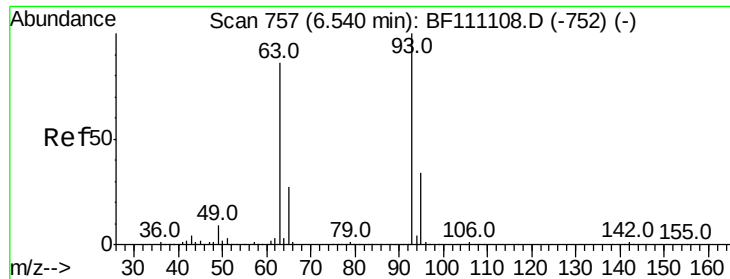
Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.5	25.3	65.3
66	39.8	54.5	94.5#





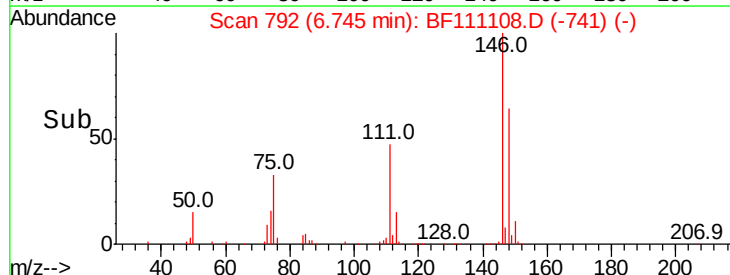
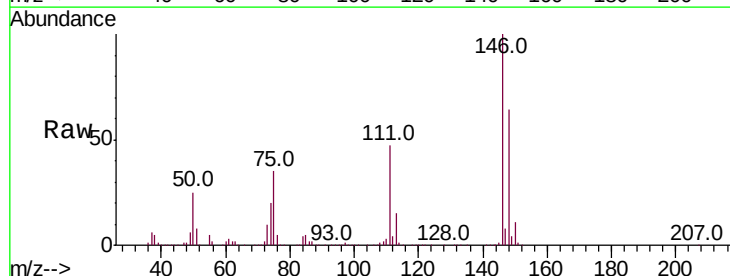
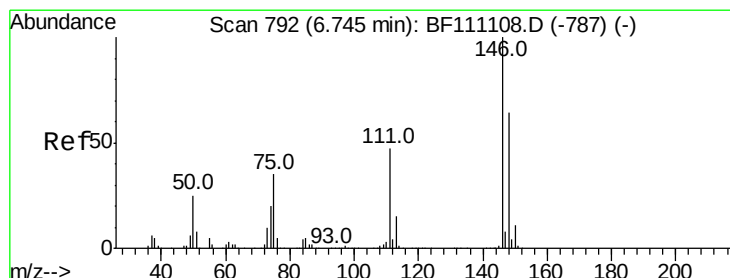
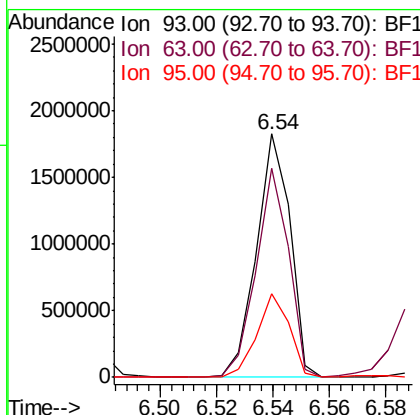
#11
bis(2-Chloroethyl)ether
Concen: 43.391 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tot Ion: 93 Resp: 1504275
Ion Ratio Lower Upper
93 100
63 86.0 53.4 93.4
95 34.3 12.1 52.1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

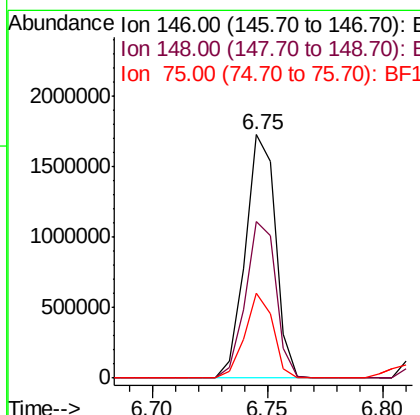
Manual Integrations
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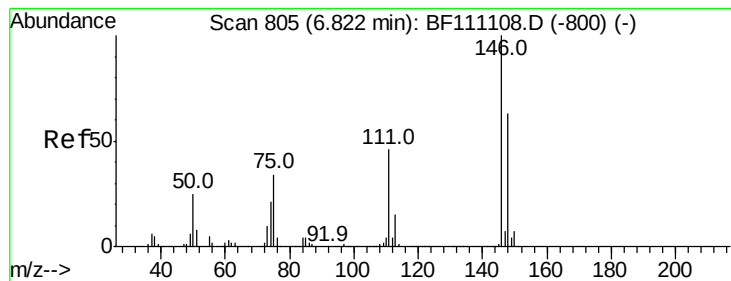
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.728 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tgt Ion: 146 Resp: 1580963
Ion Ratio Lower Upper
146 100
148 64.1 50.4 75.6
75 34.6 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 38.335 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:146 Resp: 1609285

Ion Ratio Lower Upper

146 100

148 62.9 50.3 75.5

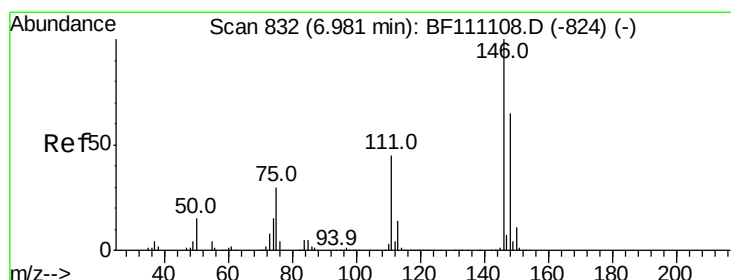
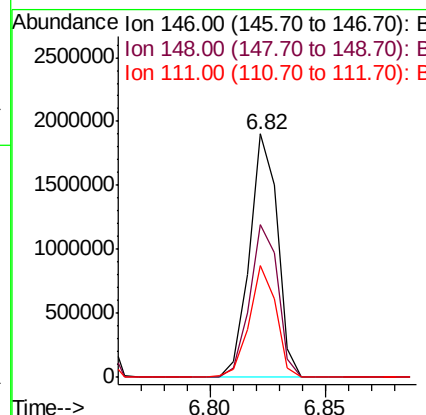
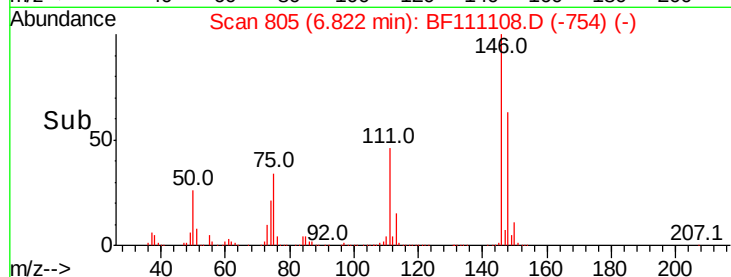
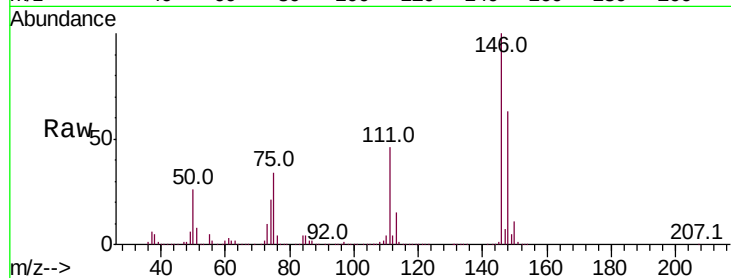
111 45.8 32.7 49.1

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#14

1,2-Dichlorobenzene

Concen: 38.198 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

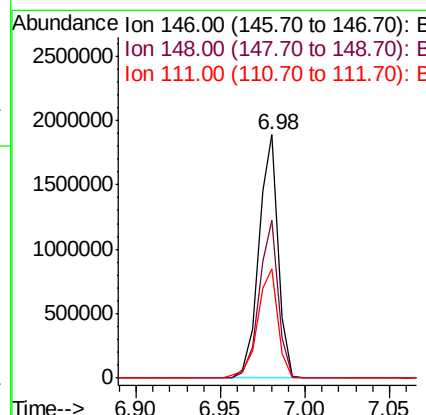
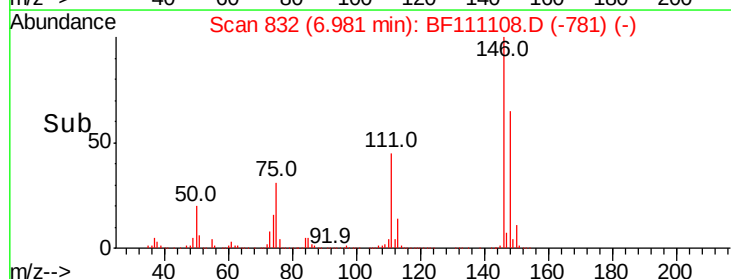
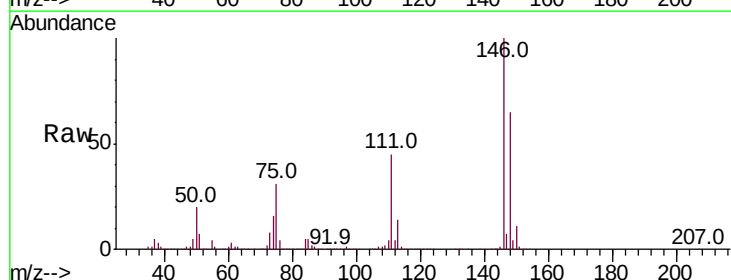
Tgt Ion:146 Resp: 1509222

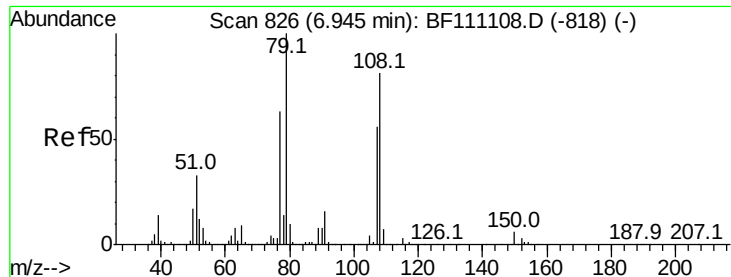
Ion Ratio Lower Upper

146 100

148 64.7 51.1 76.7

111 44.6 35.8 53.6





#15

Benzyl Alcohol

Concen: 43.009 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 79 Resp: 1350544

Ion Ratio Lower Upper

79 100

108 80.6 56.3 84.5

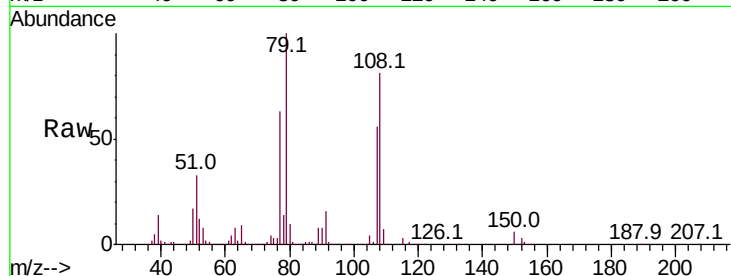
77 63.1 52.9 79.3

Manual Integrations

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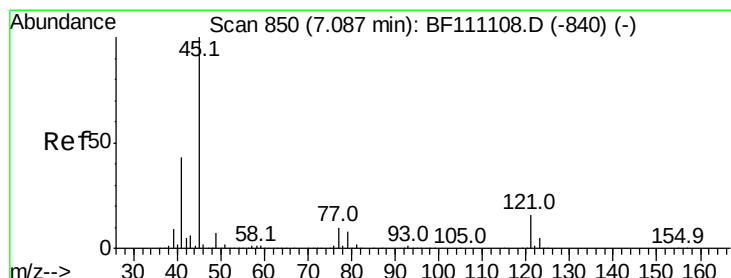
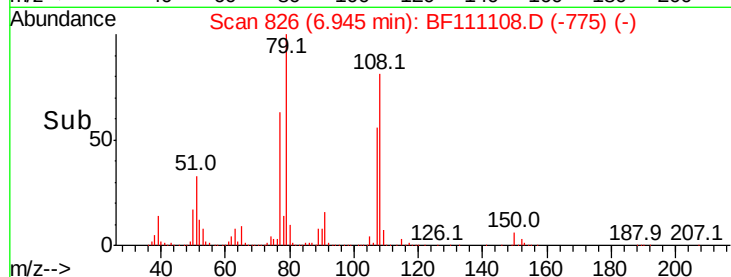
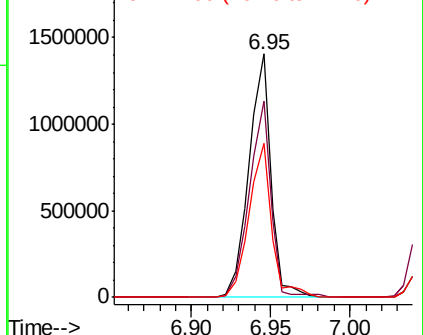
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 53.757 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

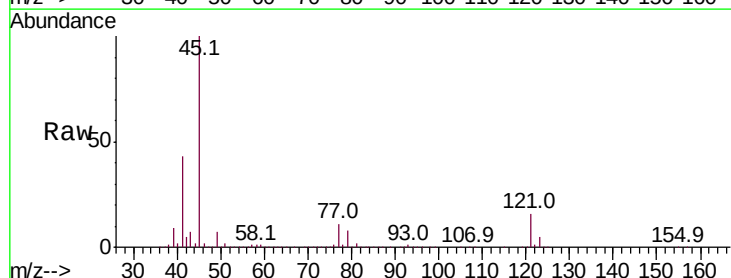
Tgt Ion: 45 Resp: 2965893

Ion Ratio Lower Upper

45 100

77 10.6 10.0 50.0

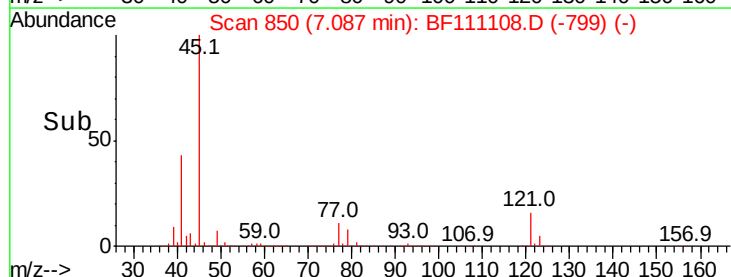
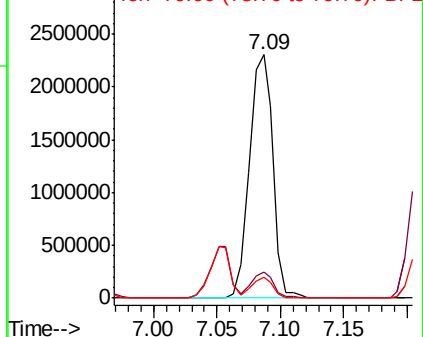
79 8.4 6.1 46.1

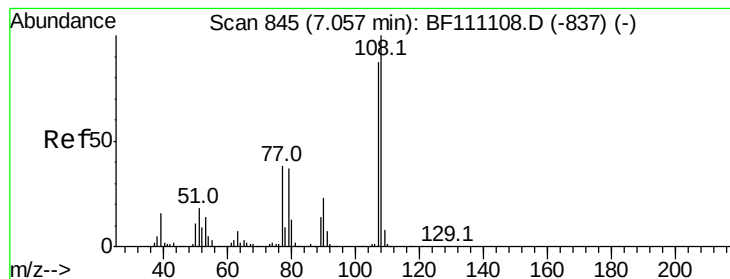


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





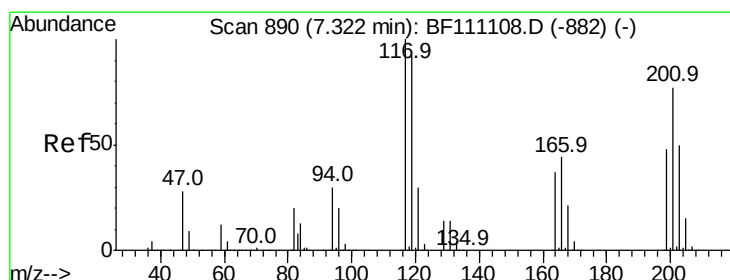
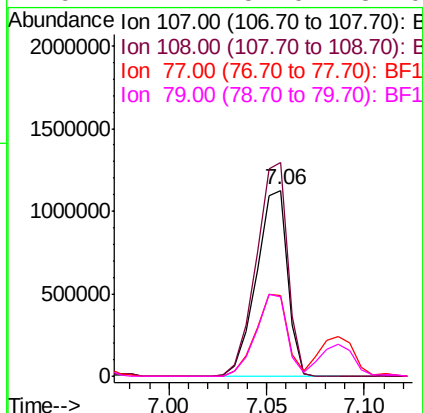
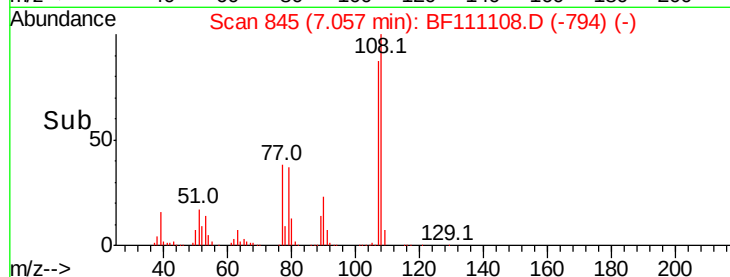
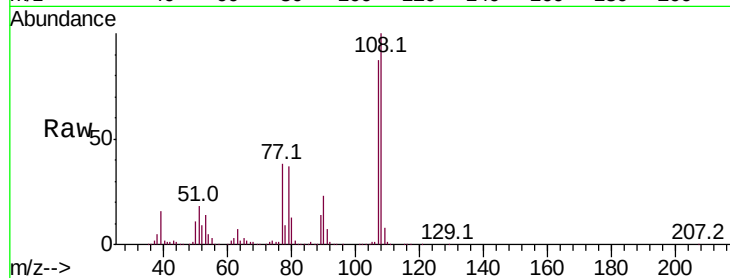
#17
2-Methylphenol
Concen: 42.131 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	92.6	138.8
77	43.4	59.4	89.2#
79	42.7	54.0	81.0#

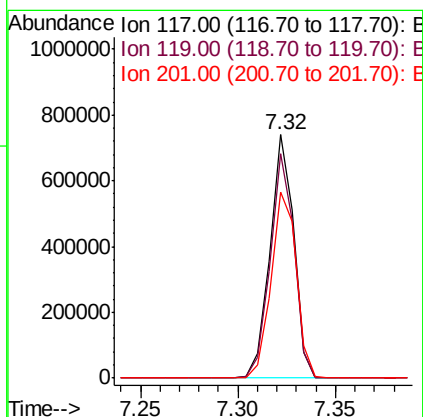
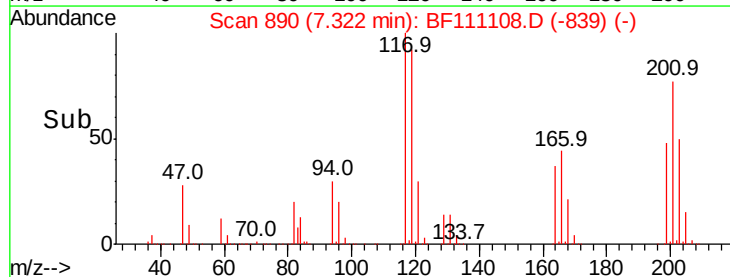
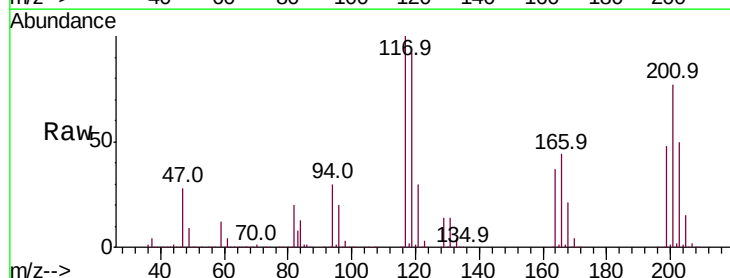
Manual Integrations
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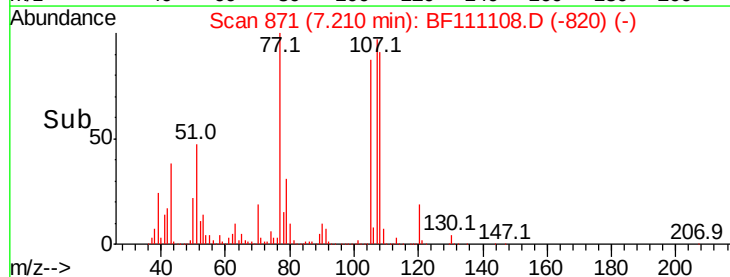
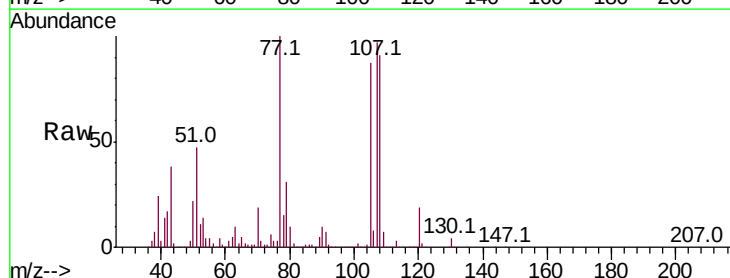
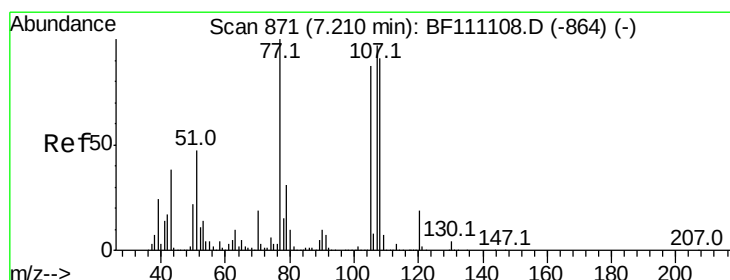
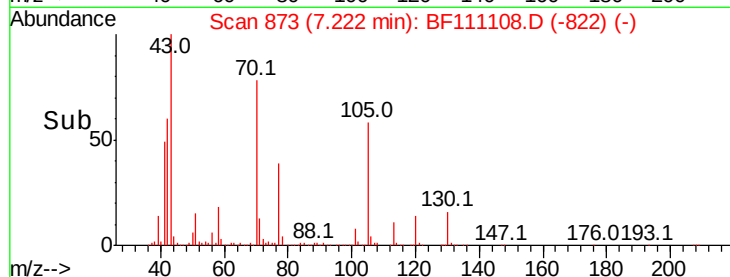
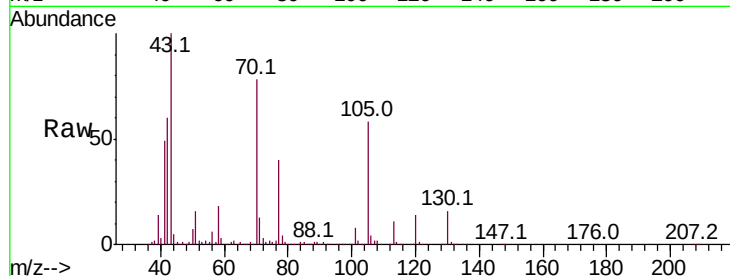
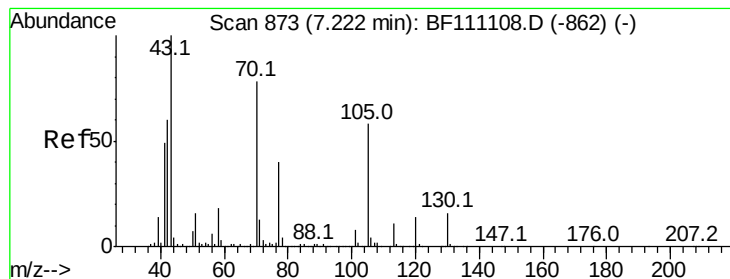
mohammad
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#18
Hexachloroethane
Concen: 40.393 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	75.0	112.6
201	76.5	79.2	118.8#





#19

n-Nitroso-di-n-propylamine

Concen: 42.204 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Tot Ion: 70 Resp: 1123335

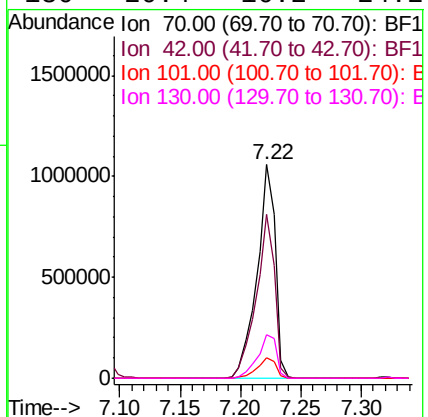
Ion Ratio Lower Upper

70 100

42 76.6 47.4 71.2#

101 9.6 7.3 10.9

130 20.4 16.2 24.2



Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Manual Integrations

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#20

3+4-Methylphenols

Concen: 38.264 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Tgt Ion:107 Resp: 1502802

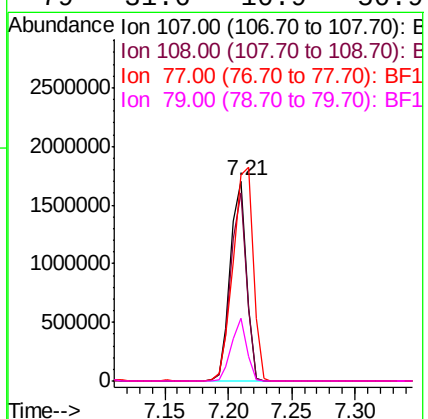
Ion Ratio Lower Upper

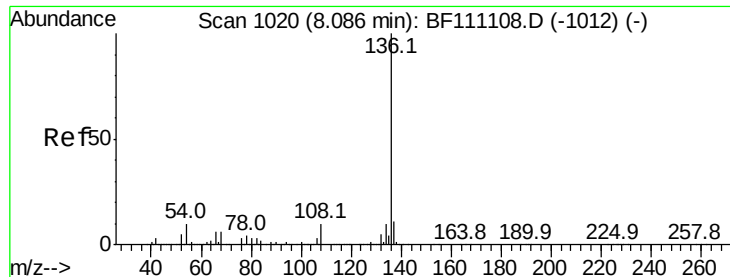
107 100

108 94.0 71.4 111.4

77 103.2 47.3 87.3#

79 31.6 10.9 50.9





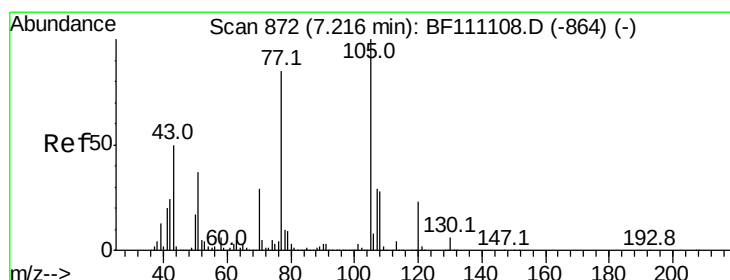
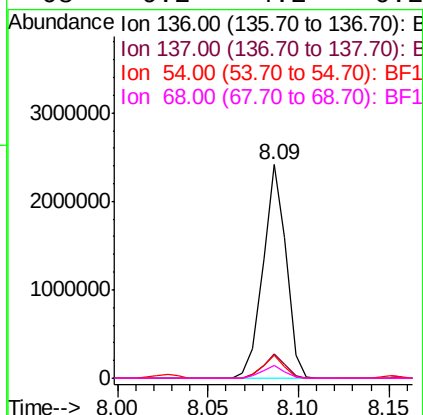
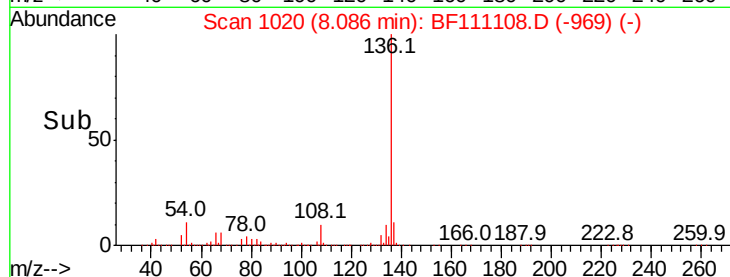
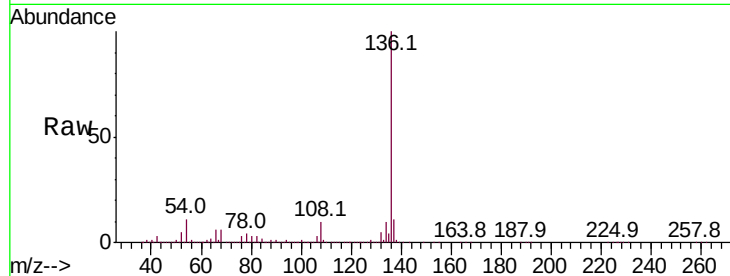
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.5	5.4	8.2#
68	6.2	4.2	6.2

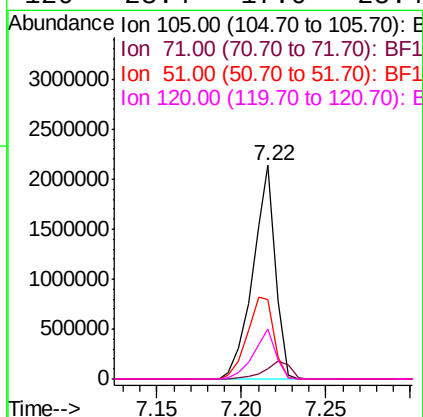
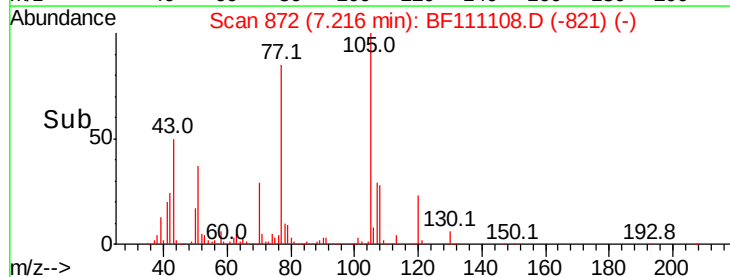
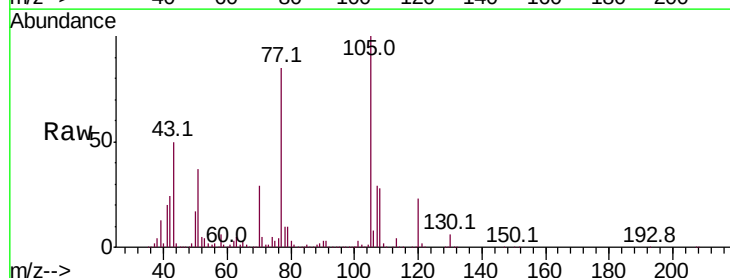
Manual Integrations
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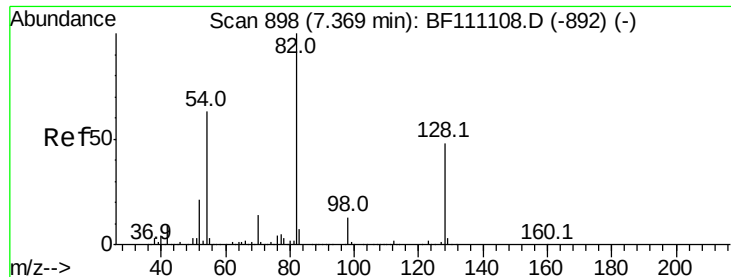
mohammad
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#22
Acetophenone
Concen: 39.842 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.0	5.2	7.8#
51	37.3	21.8	32.8#
120	23.4	17.0	25.4





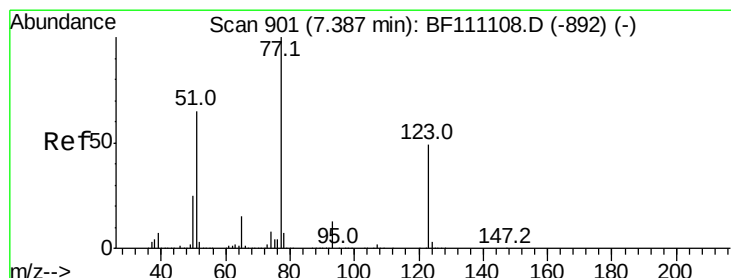
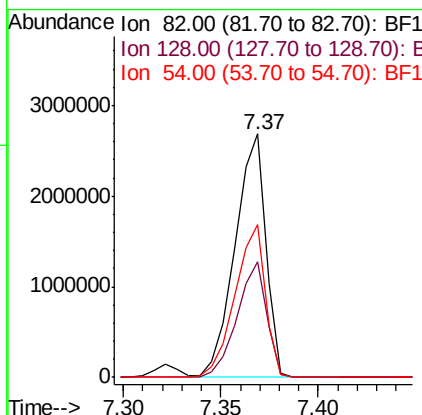
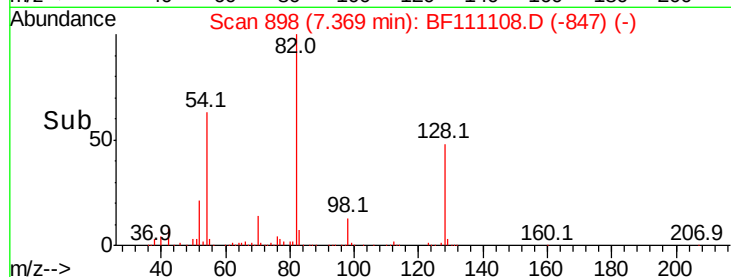
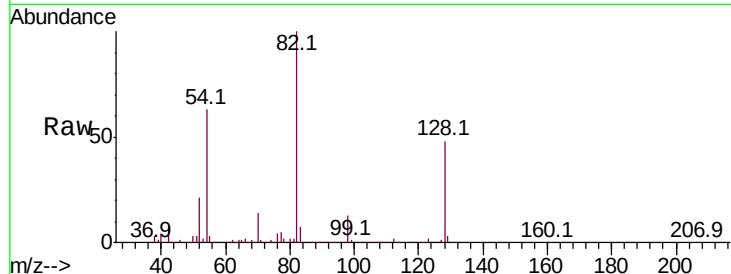
#23
Nitrobenzene-d5
Concen: 79.022 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion: 82 Resp: 2935723
Ion Ratio Lower Upper
82 100
128 47.6 34.2 51.2
54 62.9 38.6 58.0#

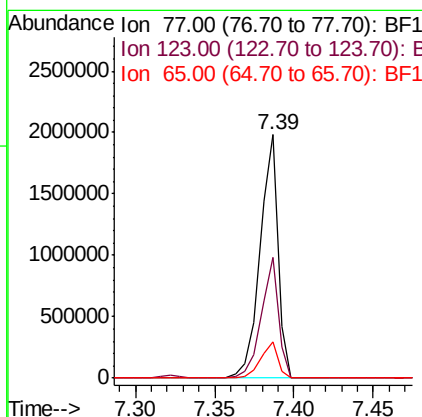
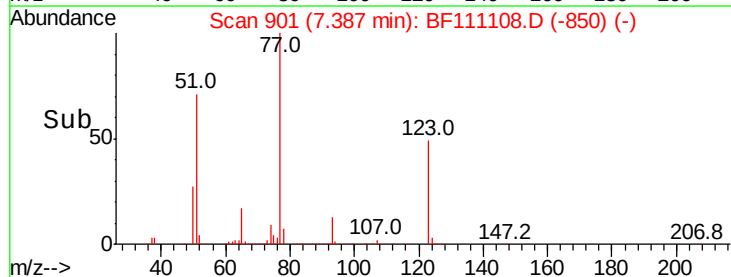
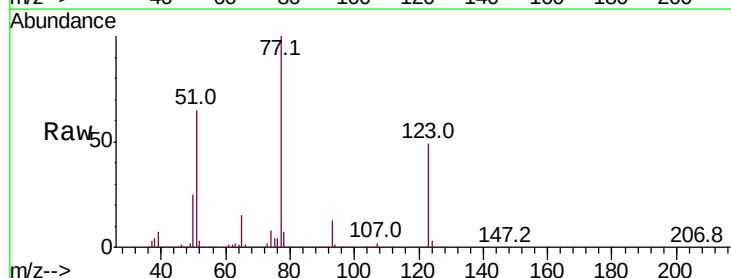
Manual Integrations
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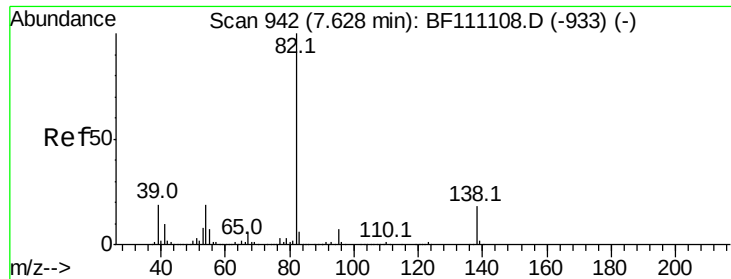
mohammad
12/6/2018 12:10:44 PM



#24
Nitrobenzene
Concen: 40.824 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tgt Ion: 77 Resp: 1577189
Ion Ratio Lower Upper
77 100
123 49.4 35.7 53.5
65 14.7 10.7 16.1





#25

Isophorone

Concen: 42.268 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 82 Resp: 2575815

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

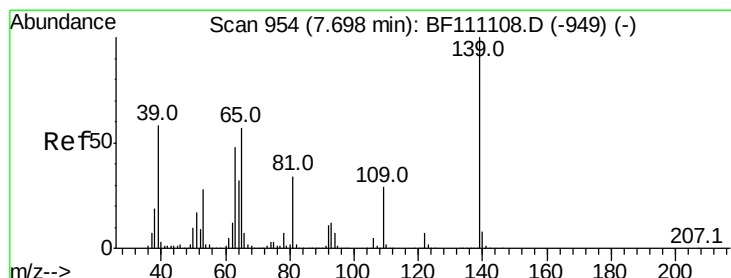
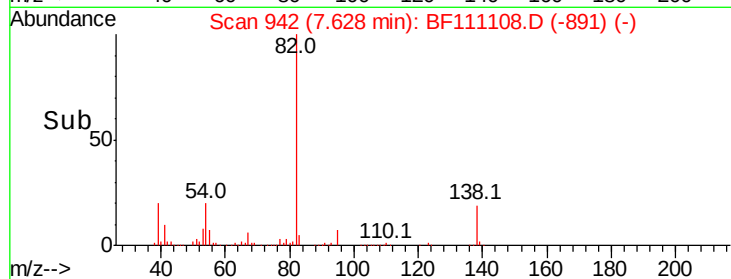
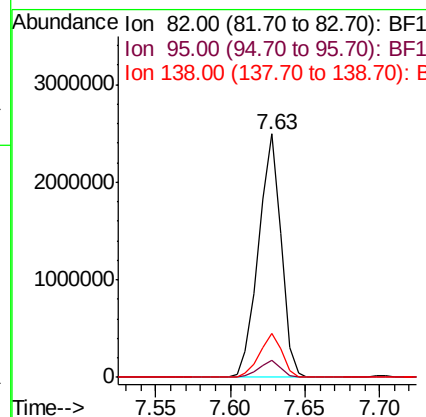
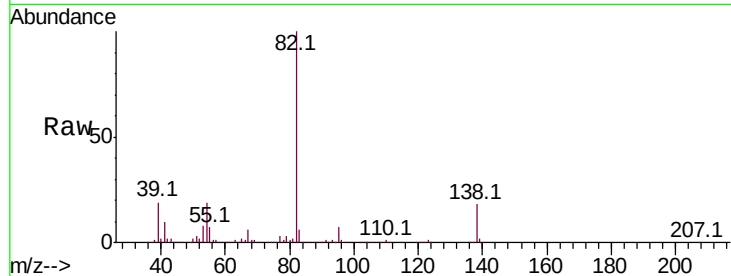
138 18.3 13.2 19.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 37.109 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

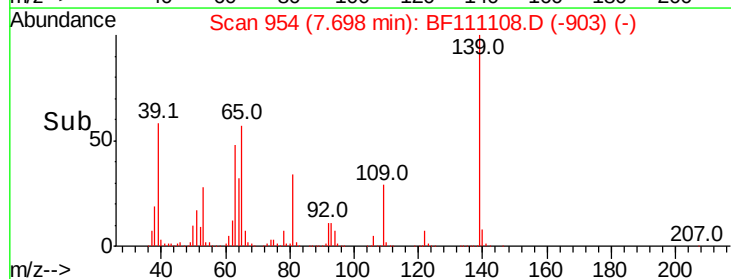
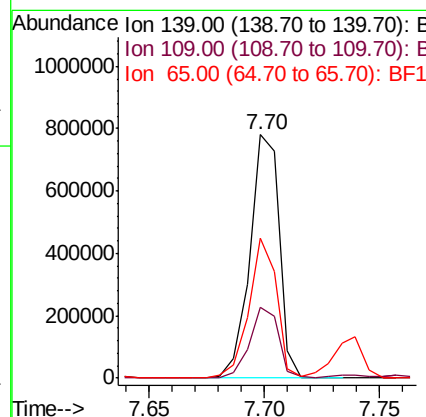
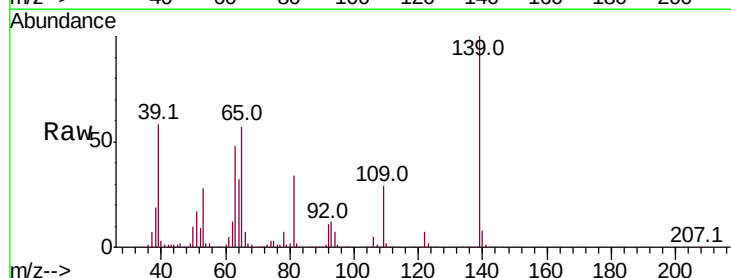
Tgt Ion: 139 Resp: 696523

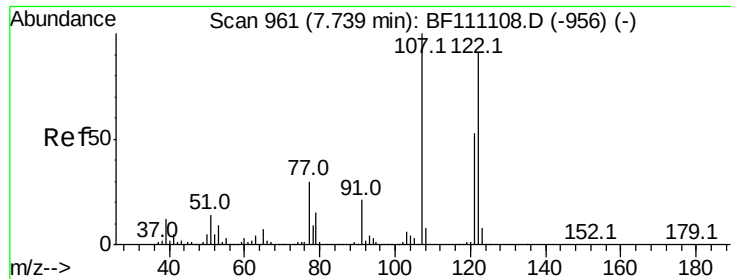
Ion Ratio Lower Upper

139 100

109 28.9 25.0 37.6

65 57.4 44.0 66.0





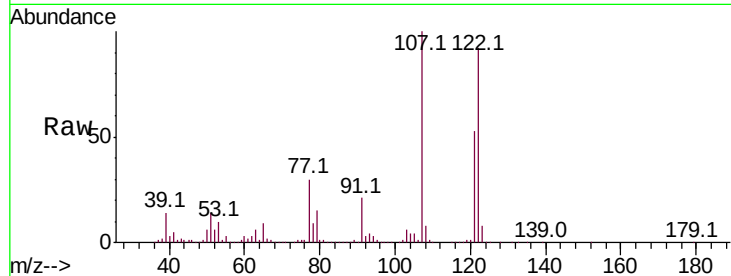
#27
2,4-Dimethylphenol
Concen: 42.442 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

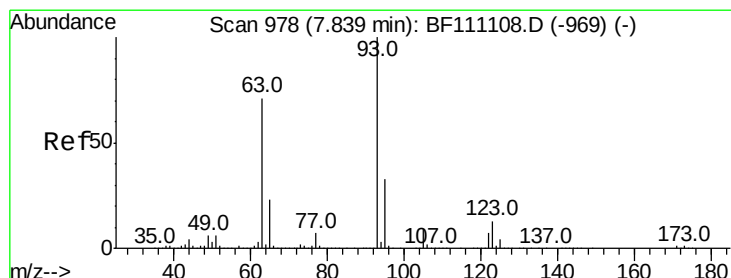
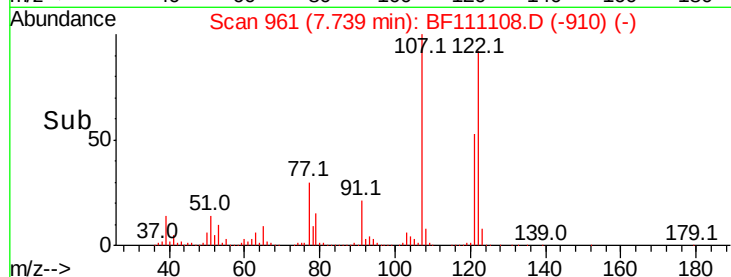
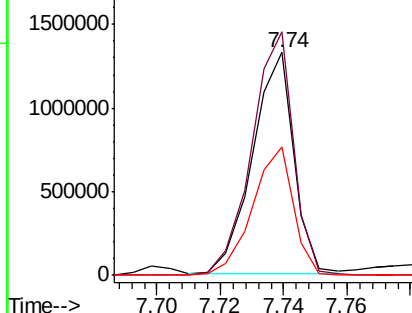
Tot Ion:122 Resp: 1203023
Ion Ratio Lower Upper
122 100
107 109.2 92.5 138.7
121 57.4 45.8 68.8

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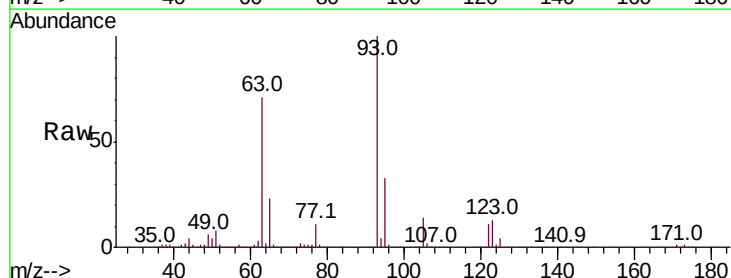


Abundance Ion 122.00 (121.70 to 122.70): E
2000000
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

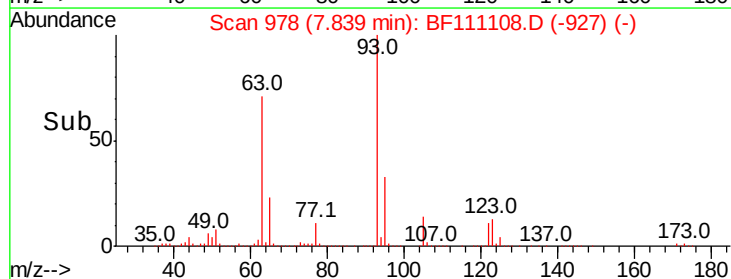
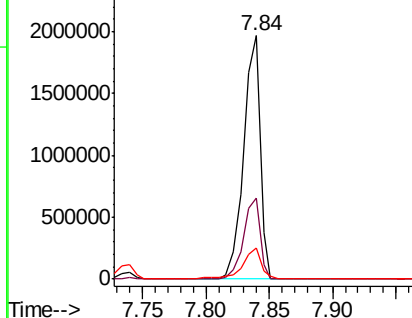


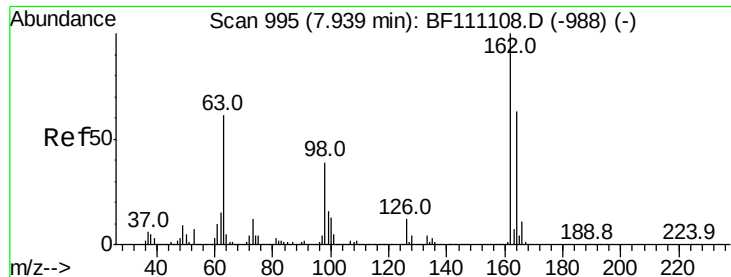
#28
bis(2-Chloroethoxy)methane
Concen: 43.102 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tgt Ion: 93 Resp: 1759668
Ion Ratio Lower Upper
93 100
95 33.2 26.4 39.6
123 12.9 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
2500000
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.898 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:162 Resp: 1213085

Ion Ratio Lower Upper

162 100

164 63.3 44.6 84.6

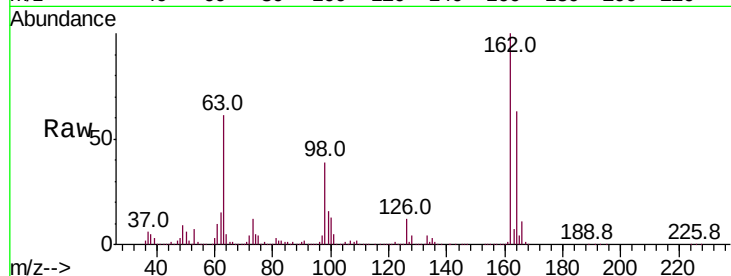
98 38.9 17.4 57.4

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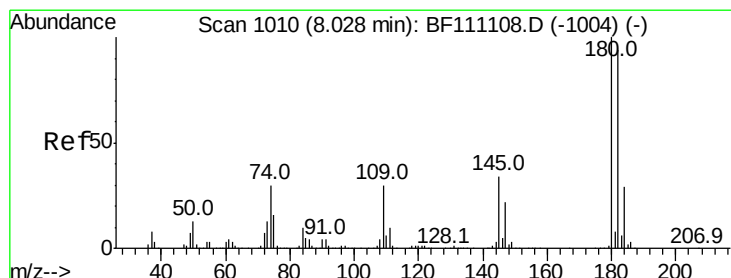
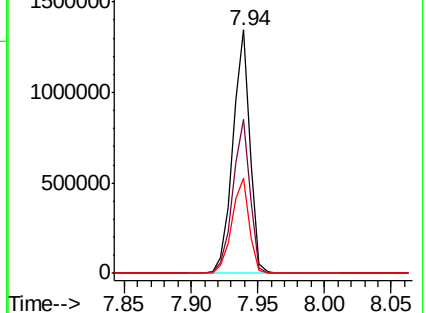
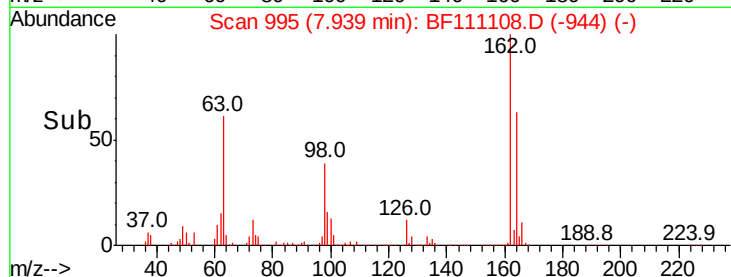
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 36.479 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

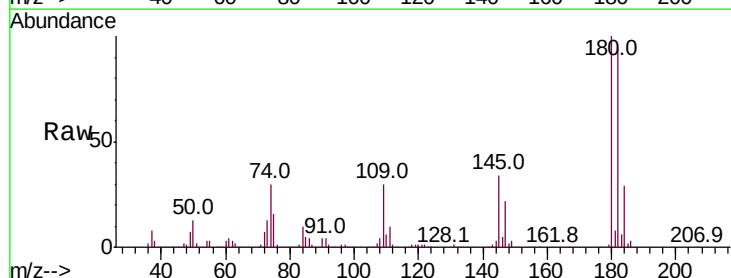
Tgt Ion:180 Resp: 1212584

Ion Ratio Lower Upper

180 100

182 93.9 80.3 120.5

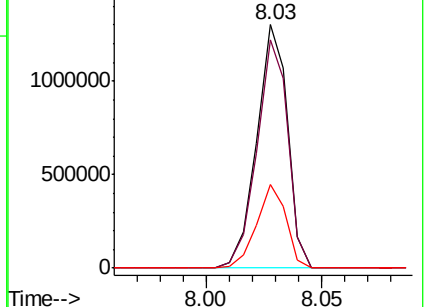
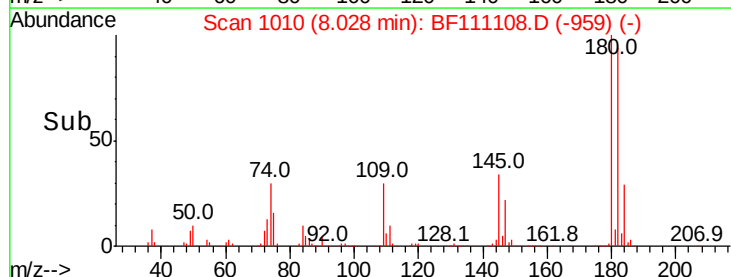
145 34.5 25.4 38.0

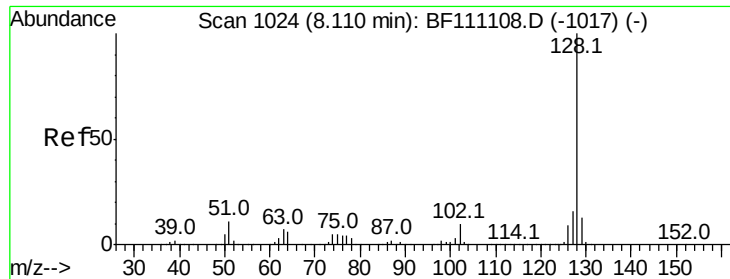


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





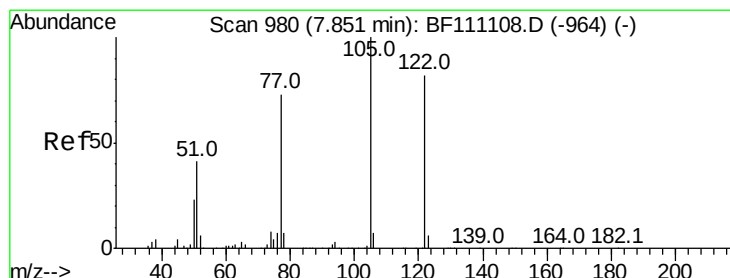
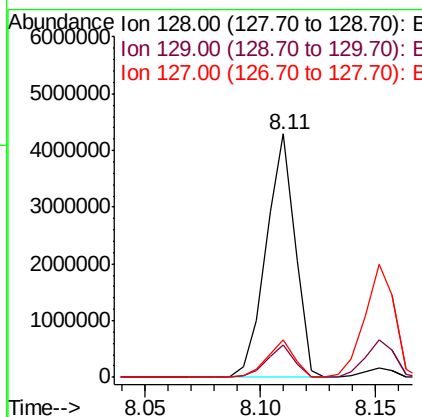
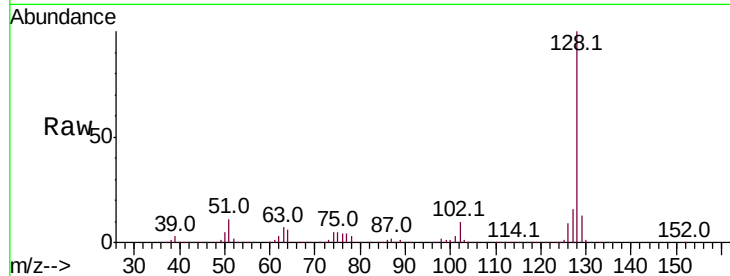
#31
Naphthalene
Concen: 37.470 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.1	8.8	13.2
127	15.6	10.8	16.2

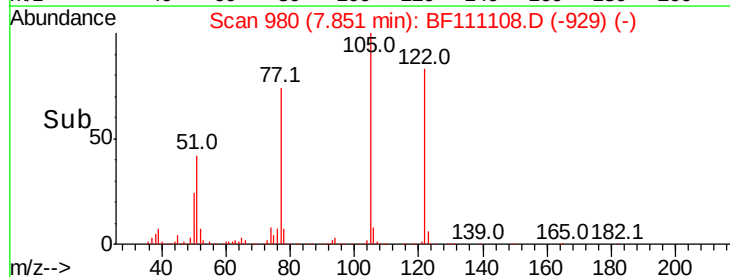
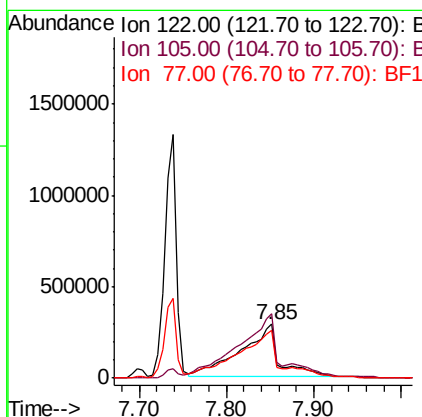
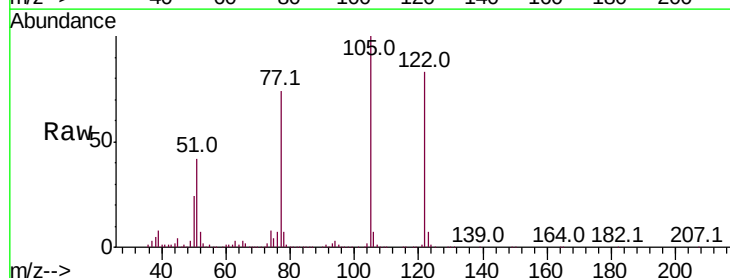
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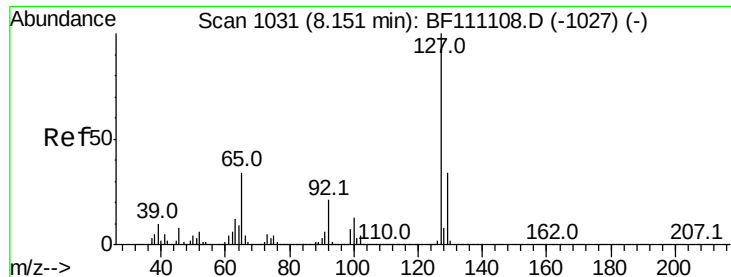
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#32
Benzoic acid
Concen: 41.847 ng m
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.1	109.0	149.0
77	89.4	79.0	119.0





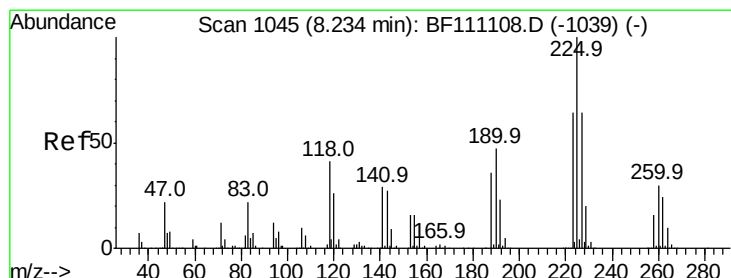
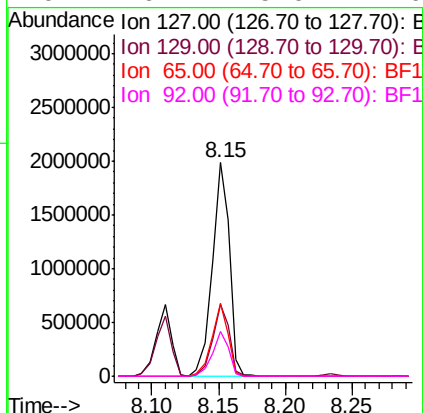
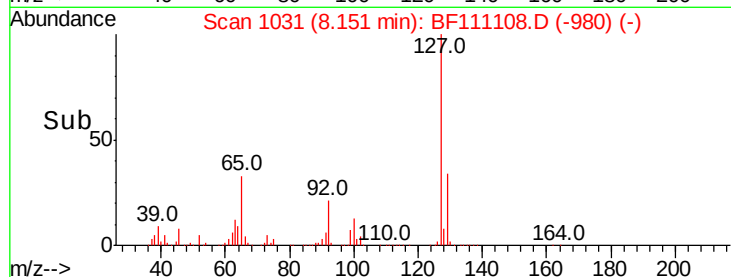
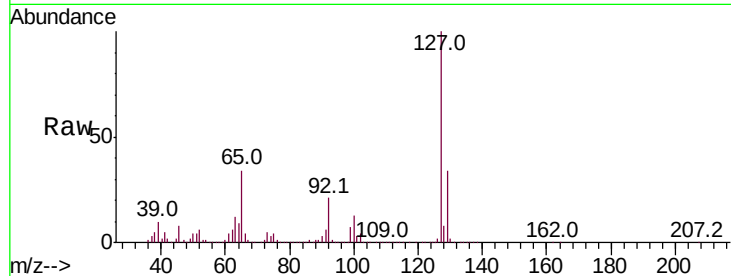
#33
4-Chloroaniline
Concen: 42.263 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.0	39.0
65	34.0	25.1	37.7
92	20.7	15.0	22.6

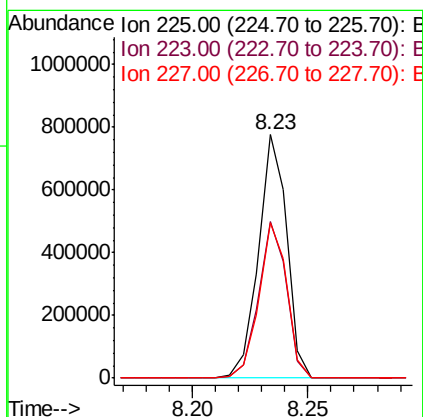
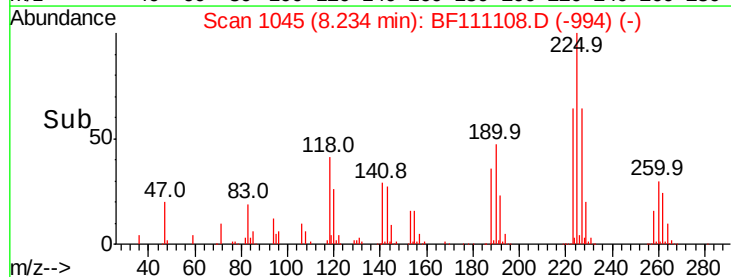
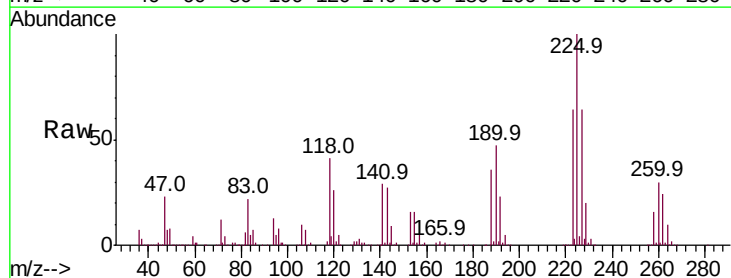
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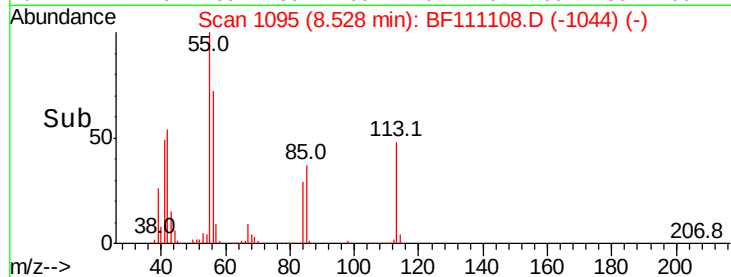
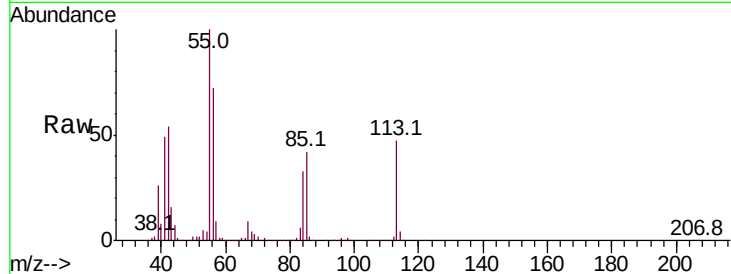
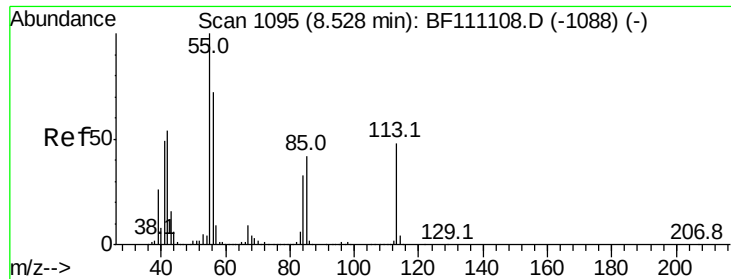
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#34
Hexachlorobutadiene
Concen: 35.066 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.4	77.2
227	63.7	51.0	76.6





#35

Caprolactam

Concen: 42.877 ng

RT: 8.53 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:113 Resp: 434191

Ion Ratio Lower Upper

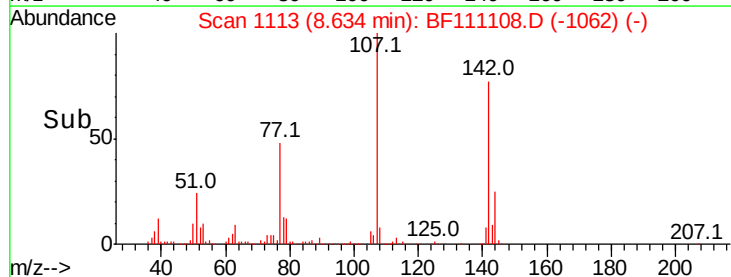
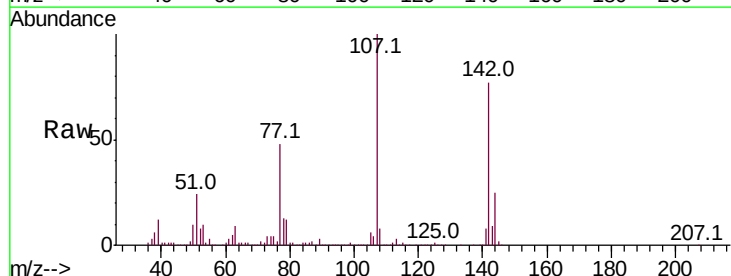
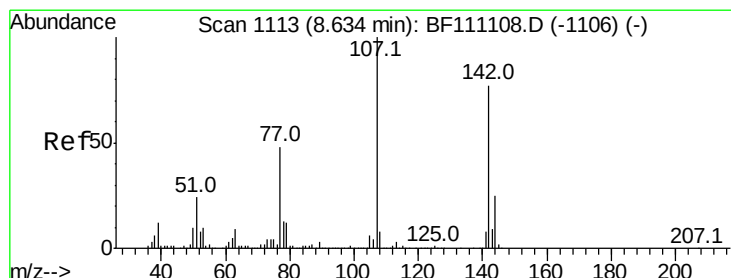
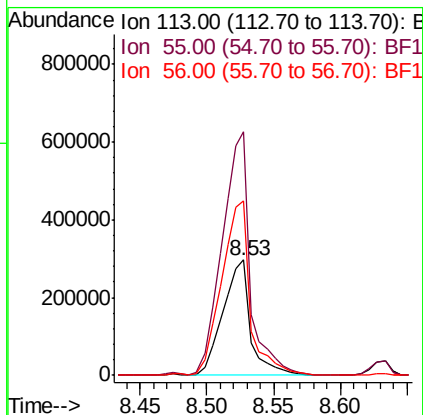
113 100

55 210.6 142.8 182.8#

56 150.9 105.0 145.0#

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#36

4-Chloro-3-methylphenol

Concen: 40.491 ng

RT: 8.63 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

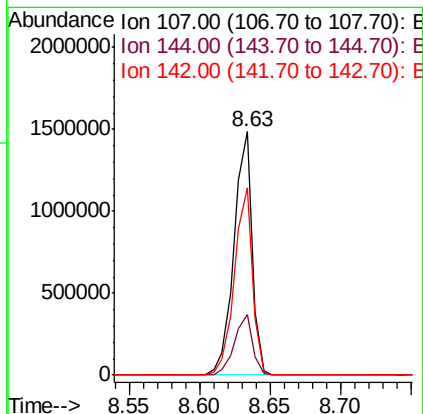
Tgt Ion:107 Resp: 1334431

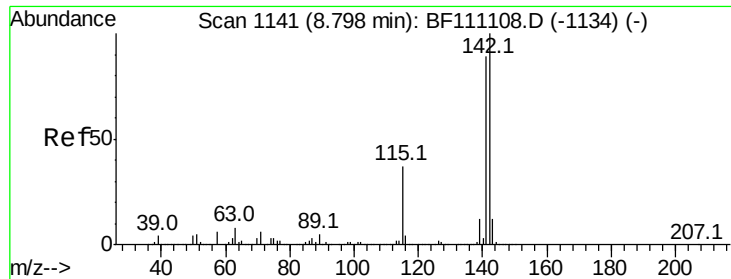
Ion Ratio Lower Upper

107 100

144 24.9 20.0 30.0

142 76.7 59.7 89.5





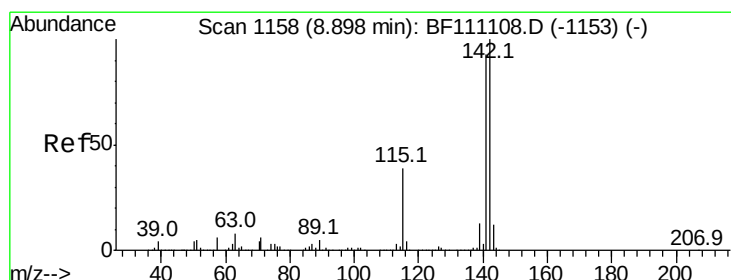
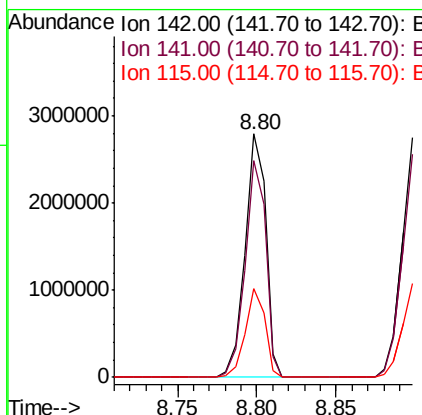
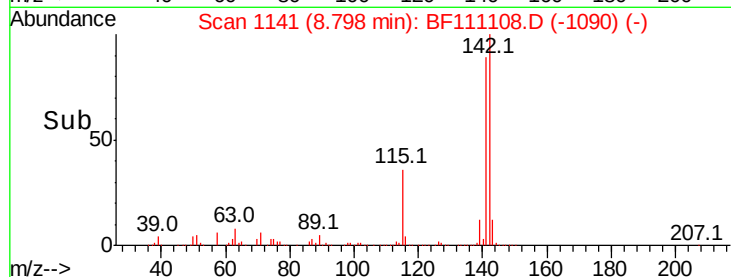
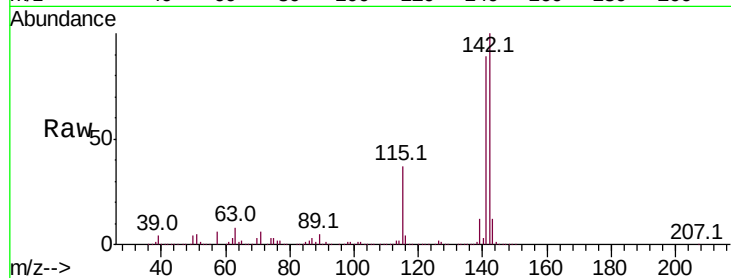
#37
2-Methylnaphthalene
Concen: 38.391 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:142 Resp: 2527239
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.2
115 36.5 28.7 43.1

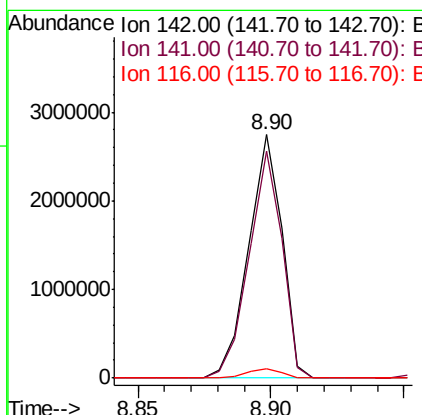
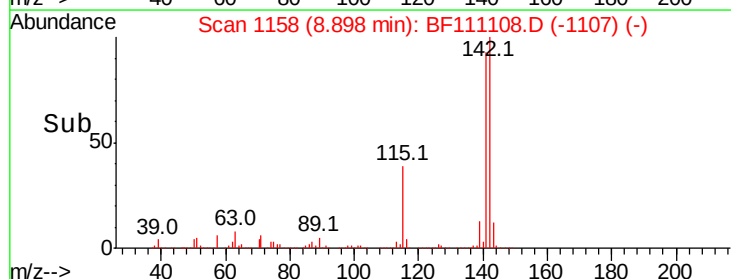
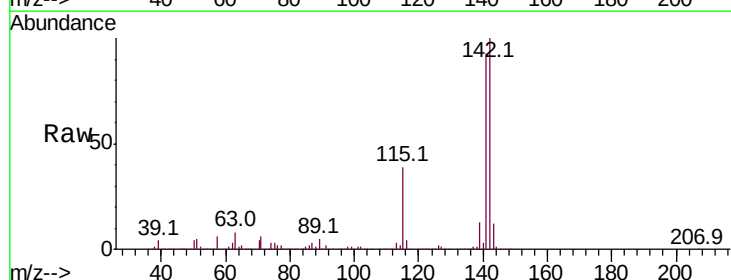
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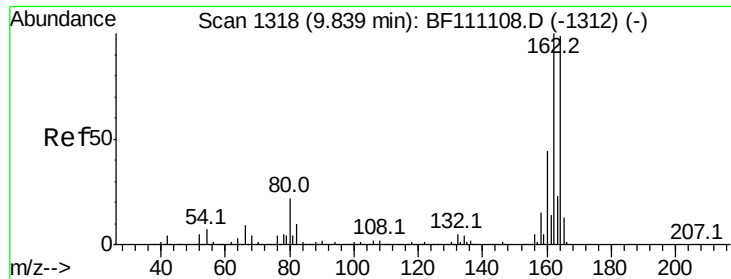
mohammad
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#38
1-Methylnaphthalene
Concen: 37.612 ng m
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tgt Ion:142 Resp: 2408356
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4
116 4.0 2.6 4.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Instrument :

BNA_F

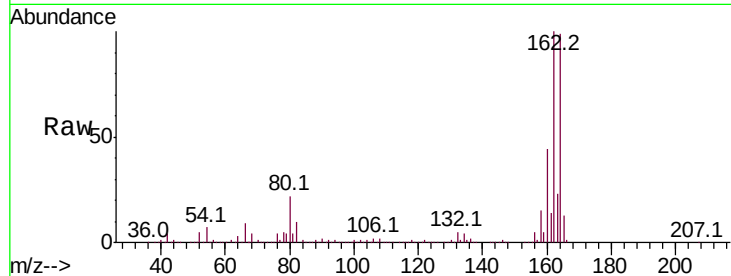
ClientSampled :

SSTDICCC040

Tot Ion:	164	Resp:	992609
Ion Ratio	Lower	Upper	
164	100		
162	100.7	83.0	124.6
160	44.4	37.0	55.6

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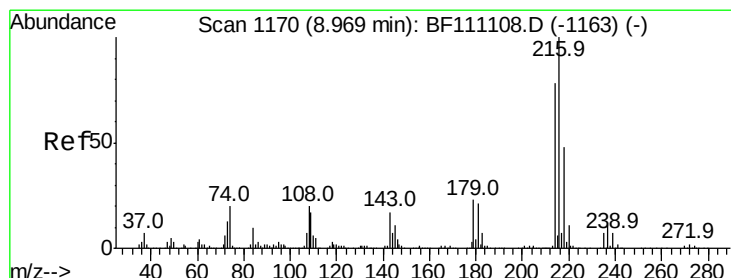
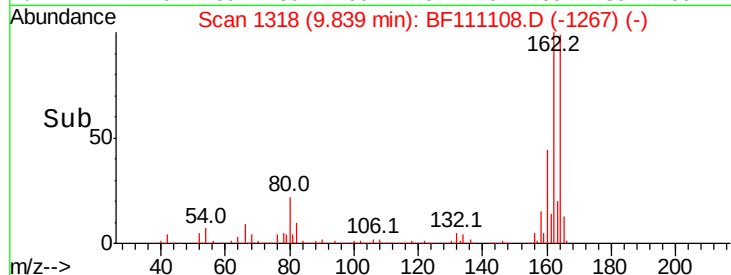
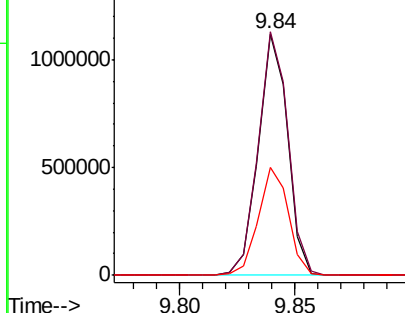


Abundance

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: 33.111 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Tgt Ion:	216	Resp:	1033889
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.8	95.6
179	23.1	16.6	25.0
108	23.9	15.1	22.7#

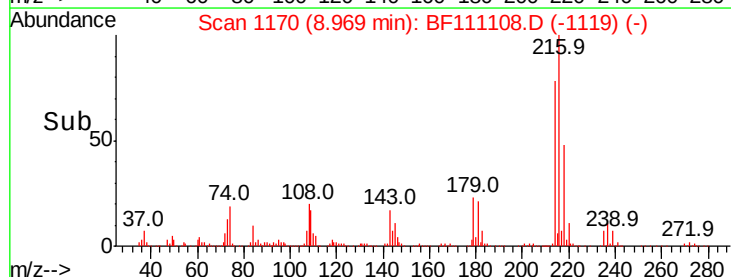
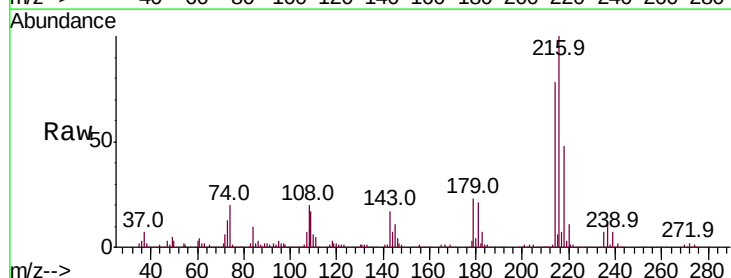
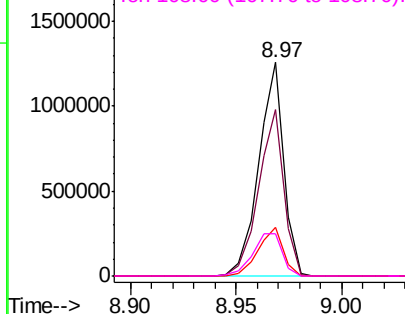
Abundance

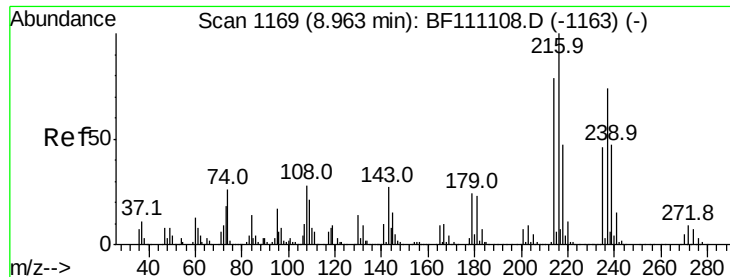
Ion 216.00 (215.70 to 216.70): E

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: 184.028 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Instrument :

BNA_F

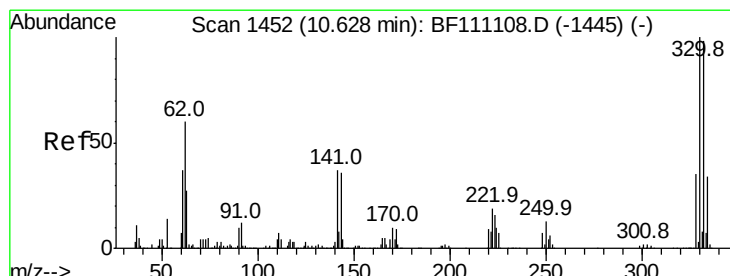
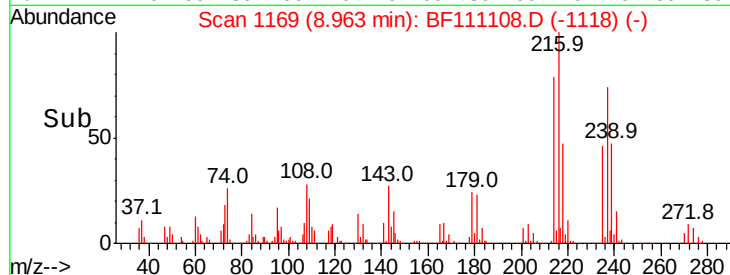
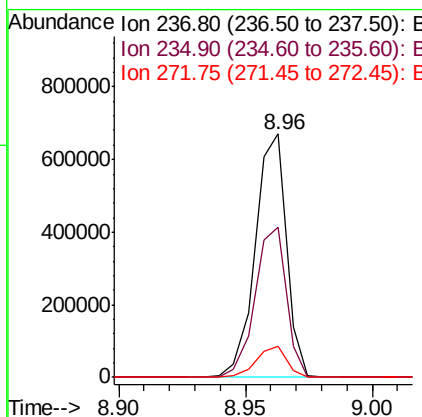
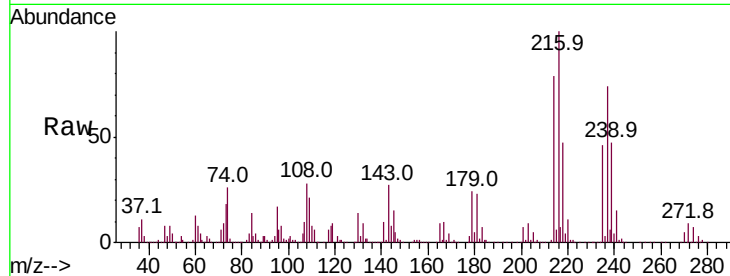
ClientSampleId :

SSTDICCC040

Tot Ion:	237	Resp:	578211
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.1	83.1
272	12.7	0.0	32.6

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#42

2,4,6-Tribromophenol

Concen: 64.529 ng

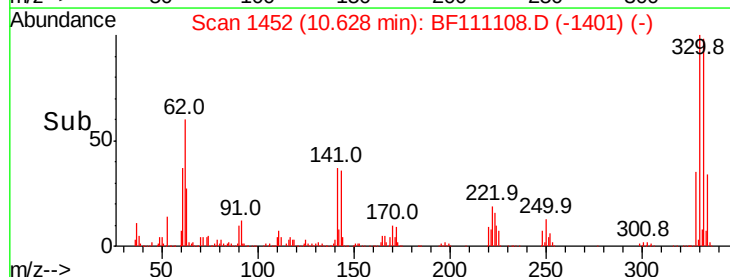
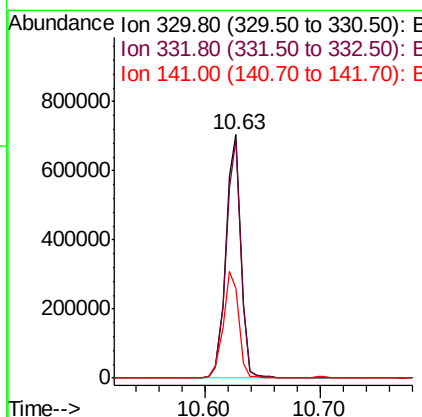
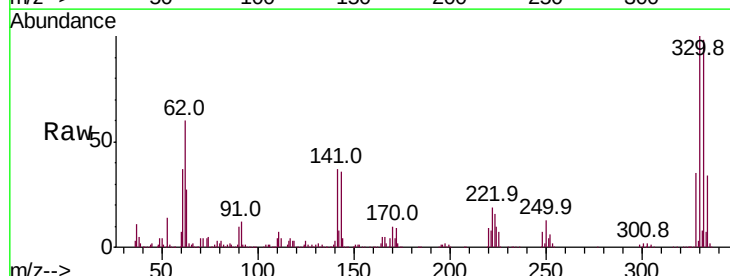
RT: 10.63 min Scan# 1452

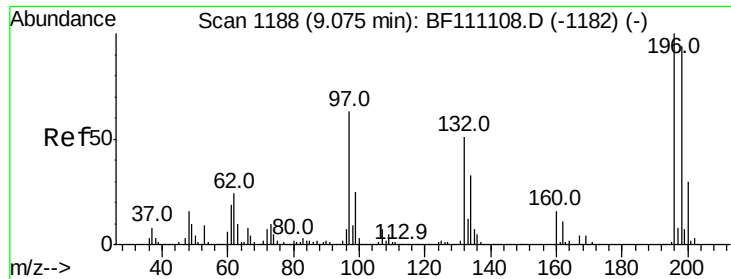
Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Tgt Ion:	330	Resp:	636120
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.1	115.7
141	45.1	27.0	40.4#





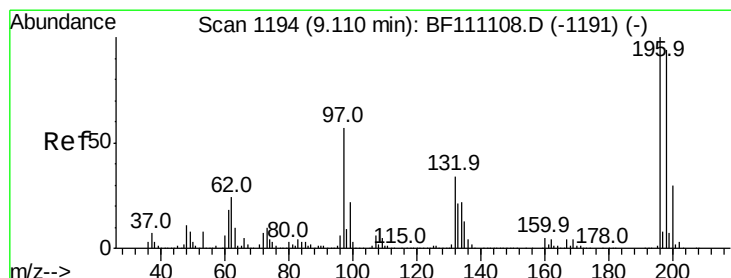
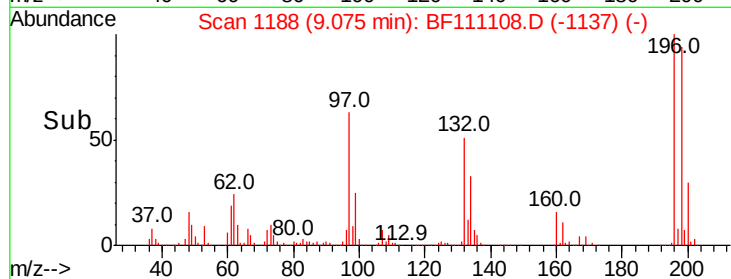
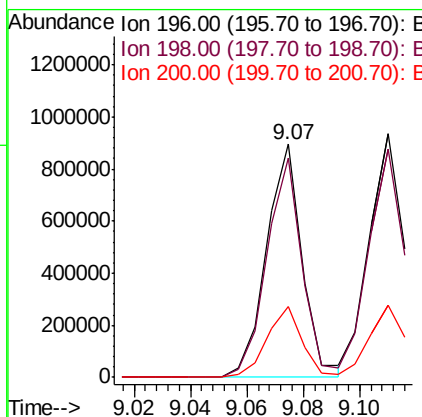
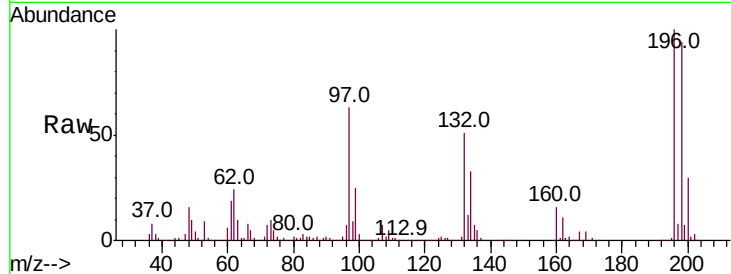
#43
 2,4,6-Trichlorophenol
 Concen: 41.905 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF111108.D
 Acq: 5 Dec 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:	196	Resp:	781475
Ion Ratio	Lower	Upper	
196	100		
198	94.2	76.2	114.4
200	30.3	24.4	36.6

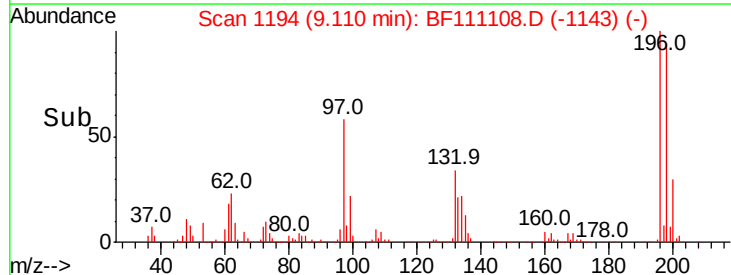
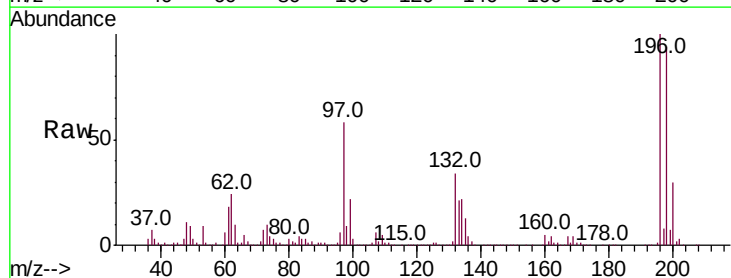
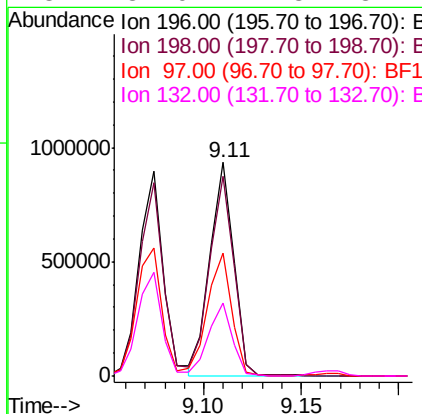
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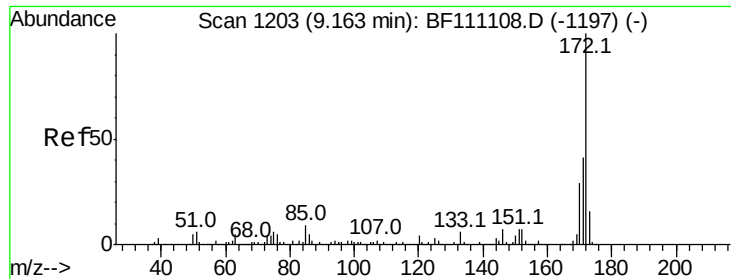
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#44
 2,4,5-Trichlorophenol
 Concen: 40.567 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF111108.D
 Acq: 5 Dec 2018 14:50

Tgt Ion:	196	Resp:	796594
Ion Ratio	Lower	Upper	
196	100		
198	93.7	75.8	113.6
97	57.8	42.4	63.6
132	34.0	22.8	34.2





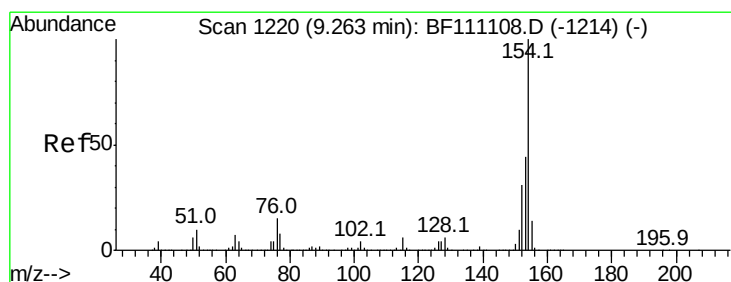
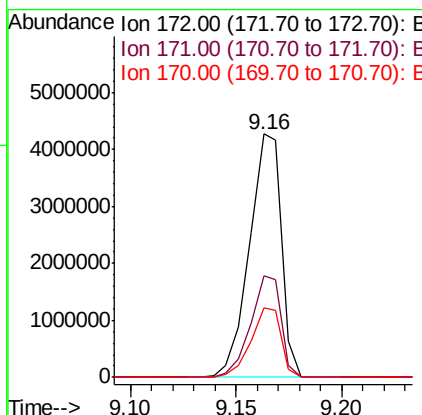
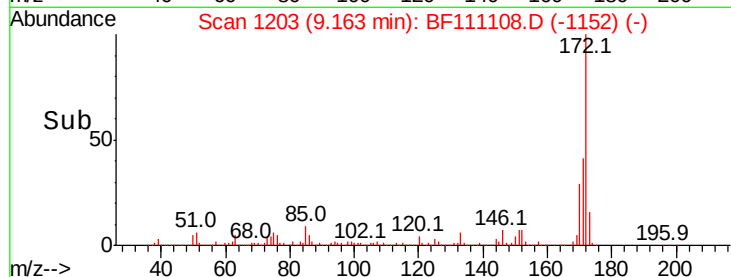
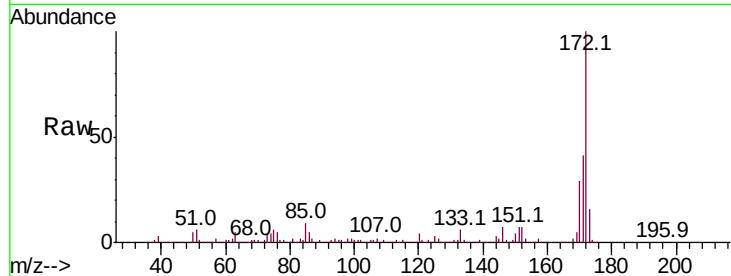
#45
2-Fluorobiphenyl
Concen: 65.704 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:172 Resp: 4501611
Ion Ratio Lower Upper
172 100
171 41.5 28.6 43.0
170 28.6 19.7 29.5

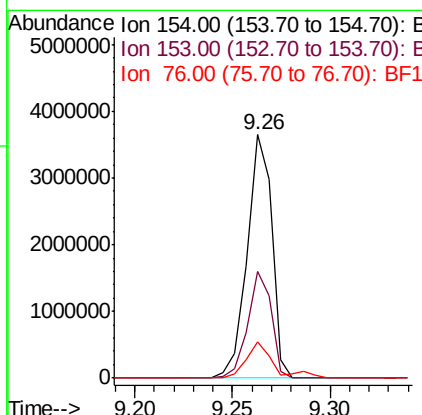
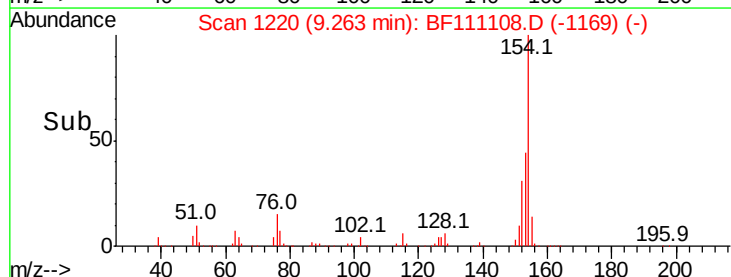
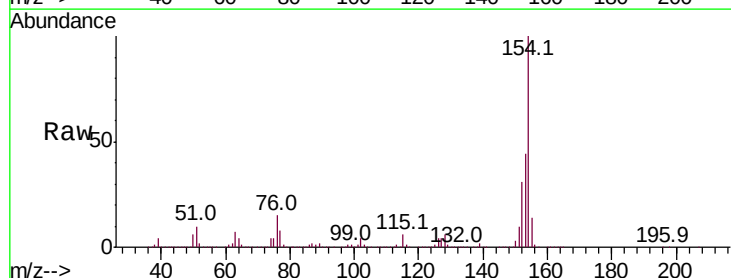
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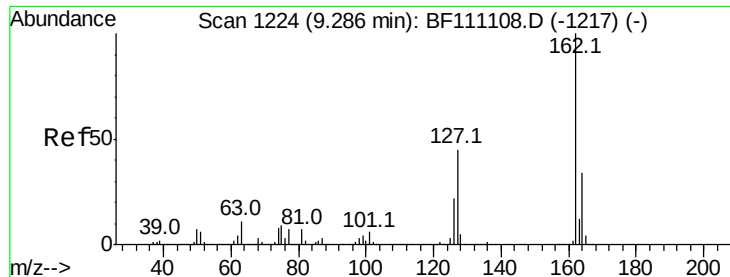
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#46
1,1'-Biphenyl
Concen: 34.917 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tgt Ion:154 Resp: 3195373
Ion Ratio Lower Upper
154 100
153 43.7 20.4 60.4
76 15.0 0.0 31.9





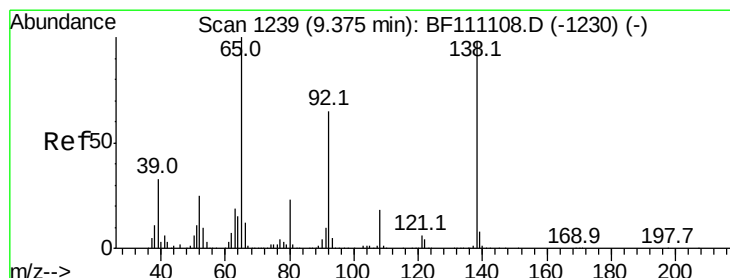
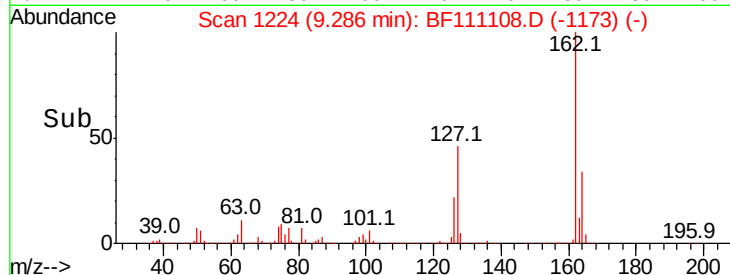
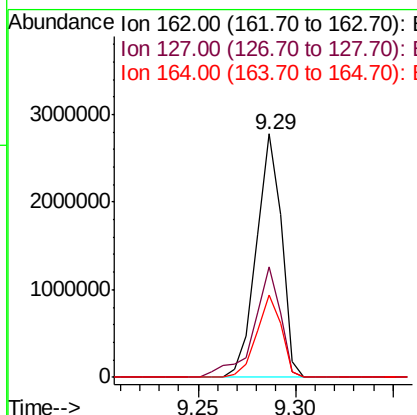
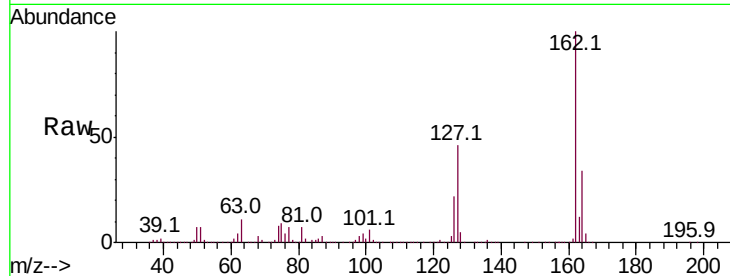
#47
 2-Chloronaphthalene
 Concen: 37.445 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF111108.D
 Acq: 5 Dec 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:	162	Resp:	2484564
Ion	Ratio	Lower	Upper
162	100		
127	45.5	32.6	48.8
164	34.1	25.9	38.9

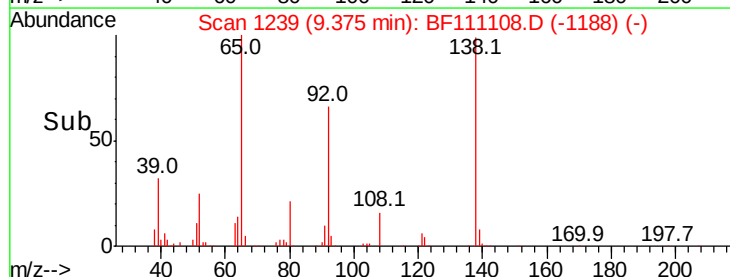
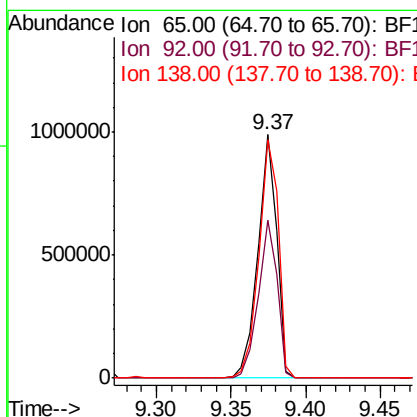
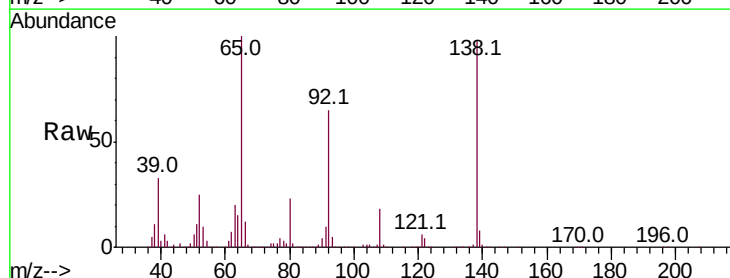
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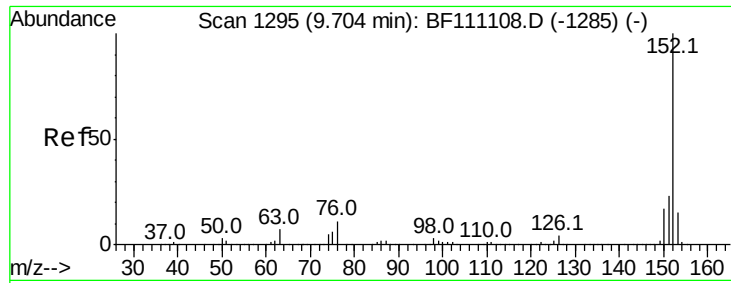
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#48
 2-Nitroaniline
 Concen: 40.709 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF111108.D
 Acq: 5 Dec 2018 14:50

Tgt Ion:	65	Resp:	844878
Ion	Ratio	Lower	Upper
65	100		
92	65.1	54.6	81.8
138	97.8	80.3	120.5





#49

Acenaphthylene

Concen: 38.043 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 3589371

Ion Ratio Lower Upper

152 100

151 22.9 15.8 23.8

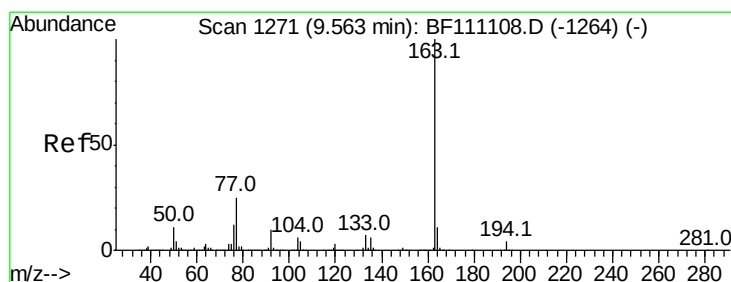
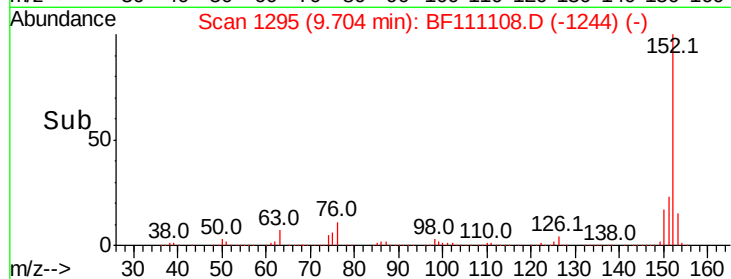
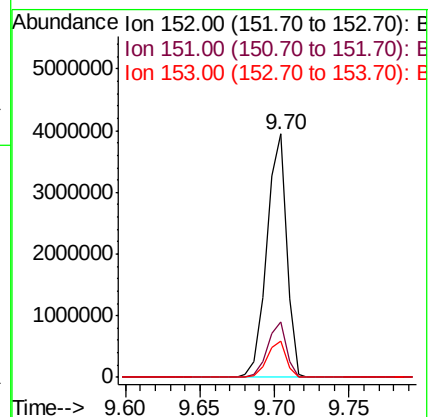
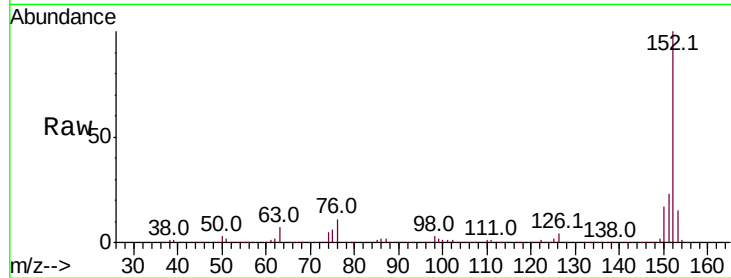
153 14.8 10.4 15.6

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#50

Dimethylphthalate

Concen: 37.515 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

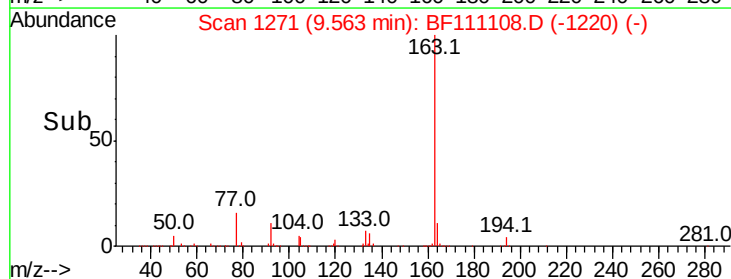
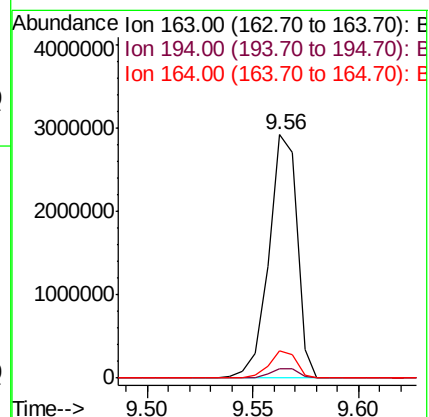
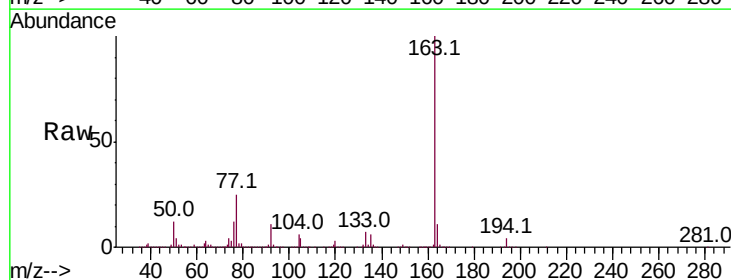
Tgt Ion:163 Resp: 2731058

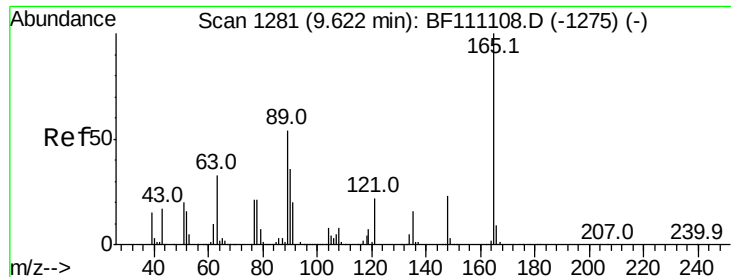
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 11.1 8.1 12.1





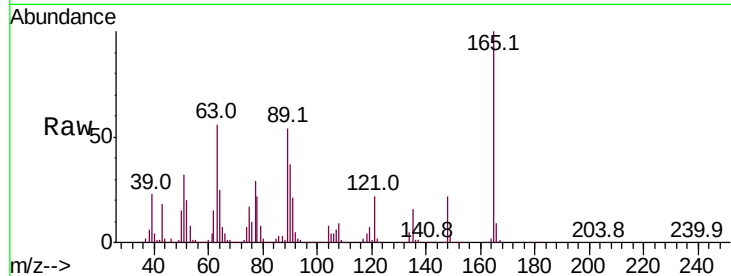
#51
 2,6-Dinitrotoluene
 Concen: 38.599 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF111108.D
 Acq: 5 Dec 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

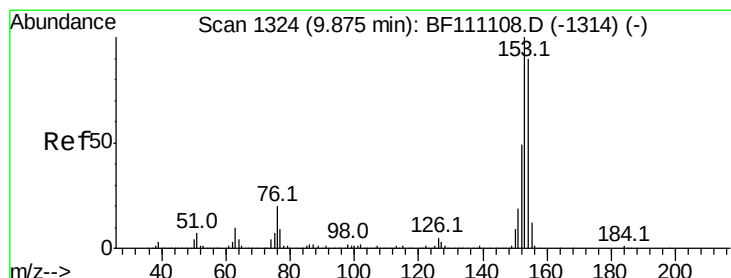
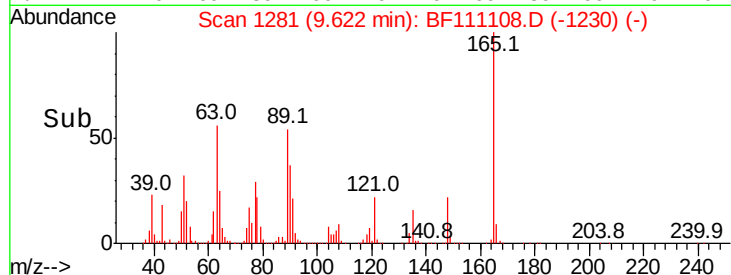
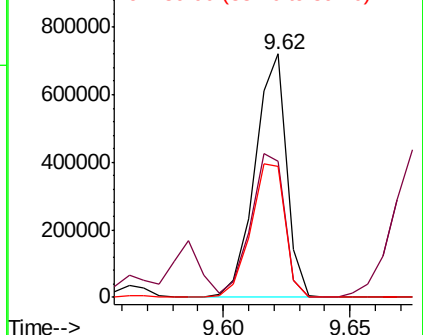
Tot Ion	Ratio	Resp	Lower	Upper
165	100	625544		
63	55.9	48.9	73.3	
89	53.7	46.6	69.8	

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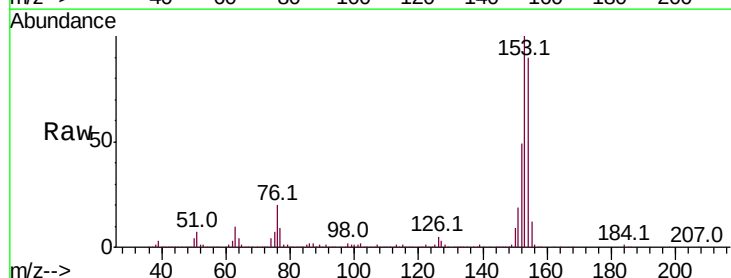


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

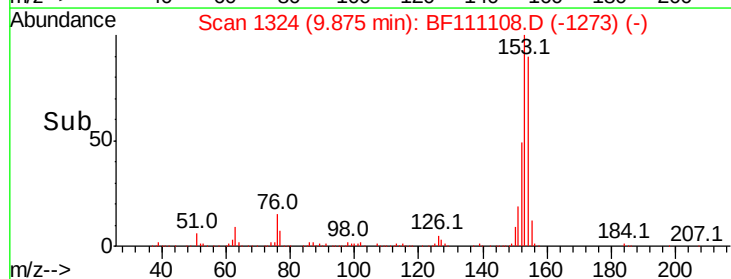
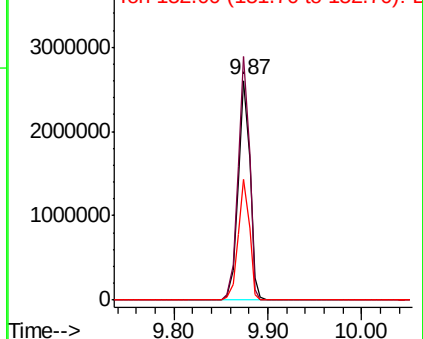


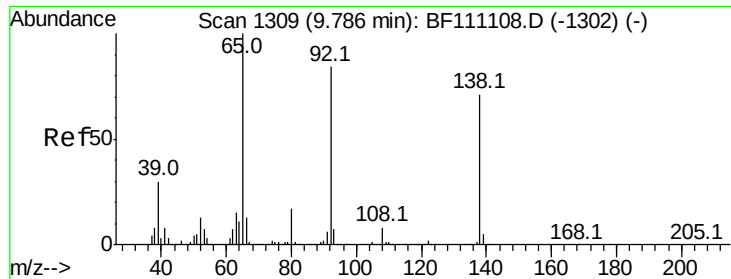
#52
 Acenaphthene
 Concen: 37.528 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF111108.D
 Acq: 5 Dec 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2269923		
153	110.9	90.1	135.1	
152	54.8	43.4	65.2	



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





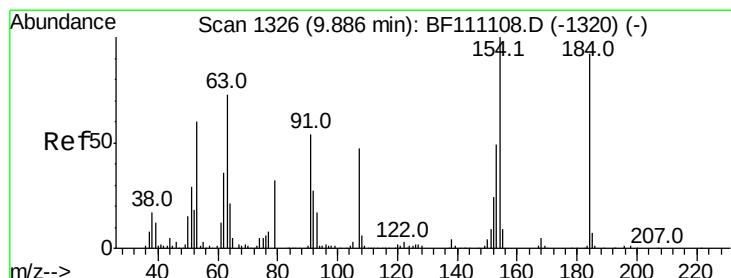
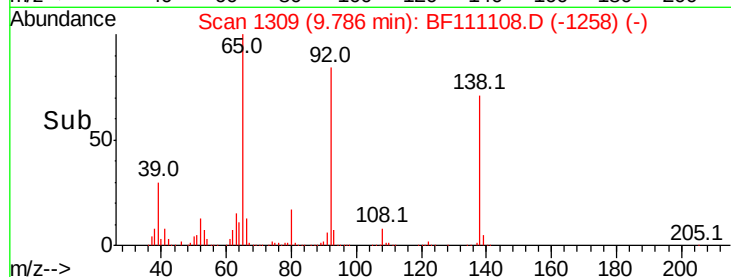
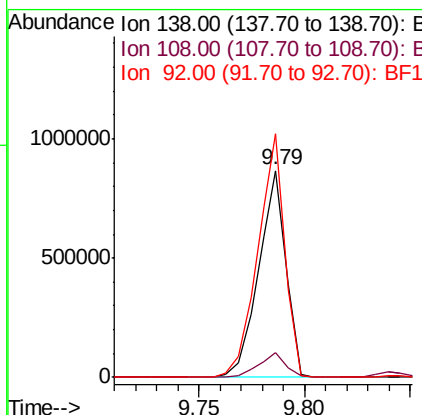
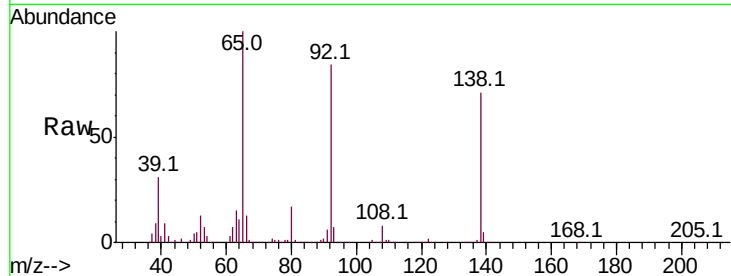
#53
 3-Nitroaniline
 Concen: 40.956 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF111108.D
 Acq: 5 Dec 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.7	13.1
92	117.6	97.0	145.4

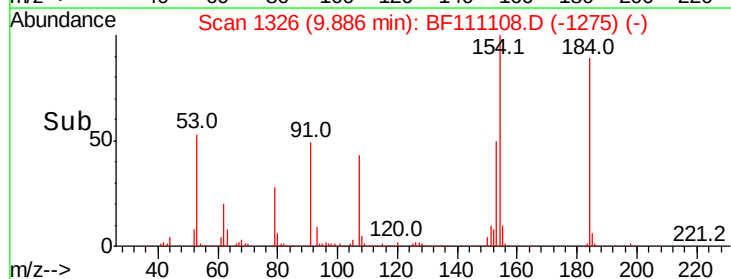
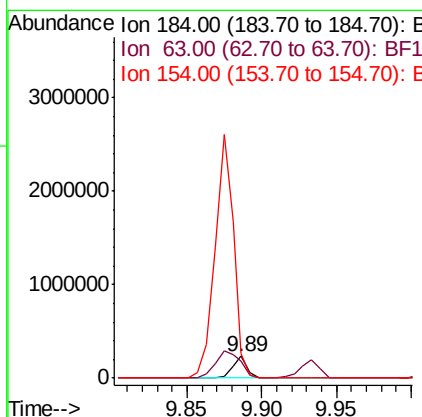
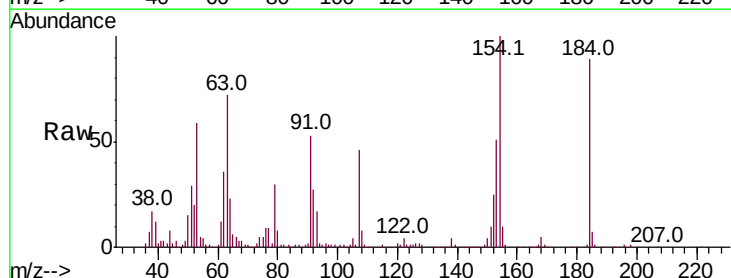
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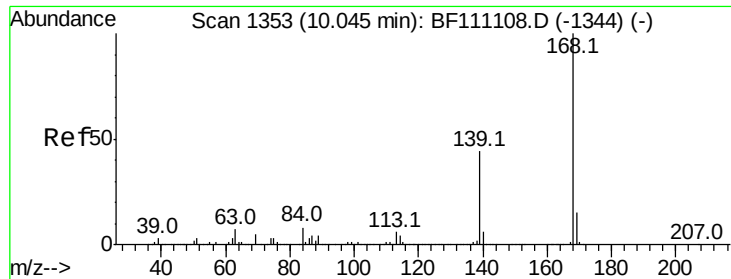
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#54
 2,4-Dinitrophenol
 Concen: 31.473 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF111108.D
 Acq: 5 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	80.3	55.8	83.6
154	111.9	63.2	94.8#





#55

Dibenzofuran

Concen: 36.921 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:168 Resp: 3257890

Ion Ratio Lower Upper

168 100

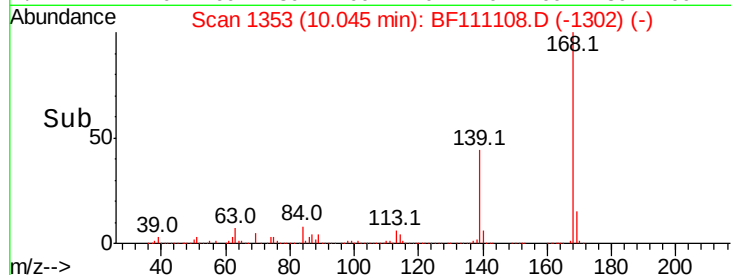
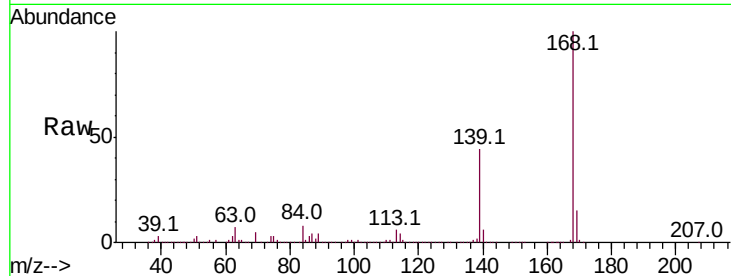
139 43.9 33.0 49.6

169 15.3 11.3 16.9

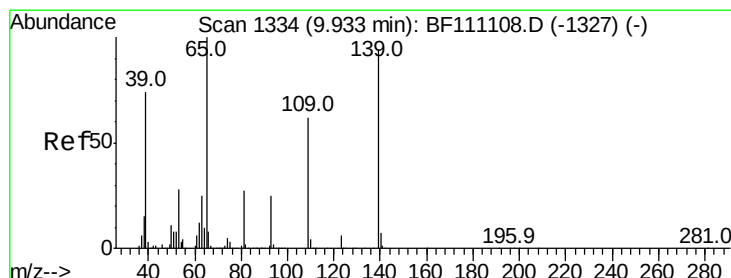
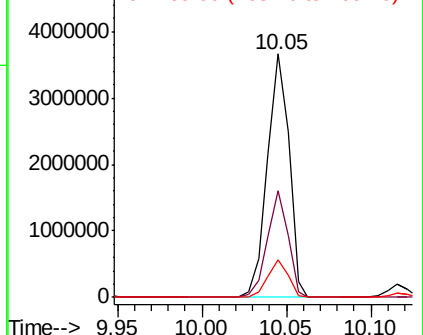
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Abundance Ion 168.00 (167.70 to 168.70): E
5000000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 63.228 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

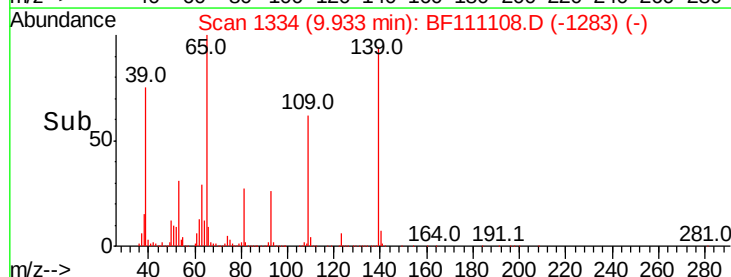
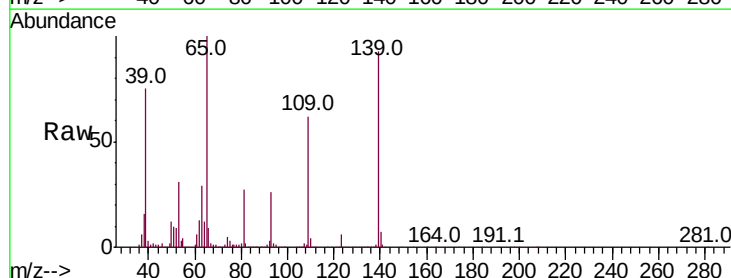
Tgt Ion:139 Resp: 595645

Ion Ratio Lower Upper

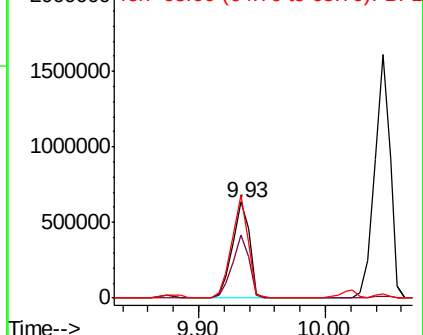
139 100

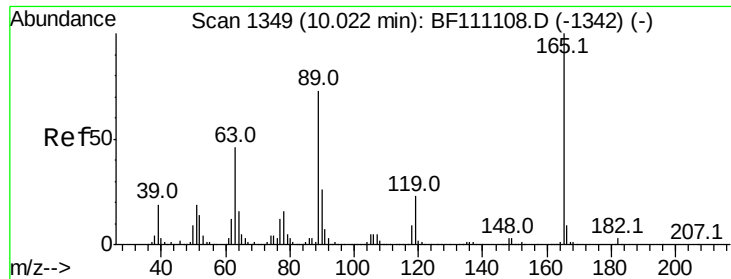
109 66.1 55.8 95.8

65 107.0 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E
2000000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 37.178 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Instrument :

BNA_F

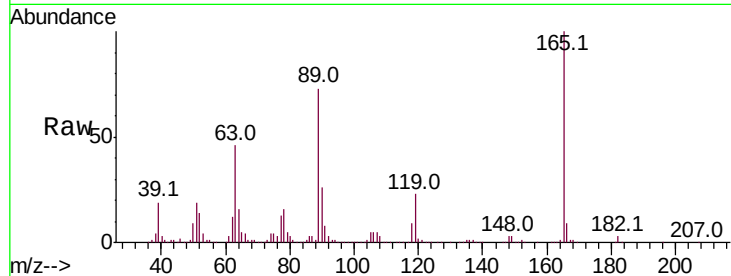
ClientSampleId :

SSTDICCC040

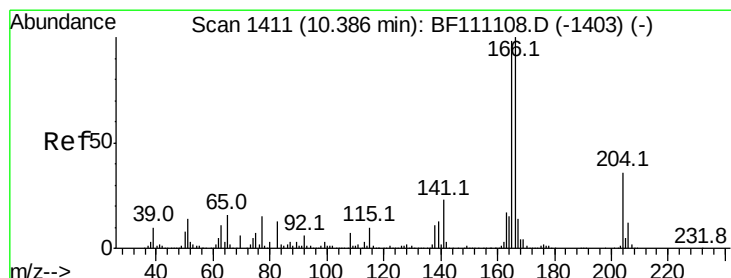
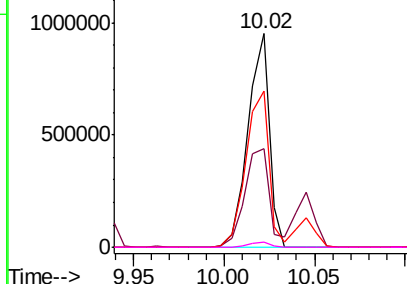
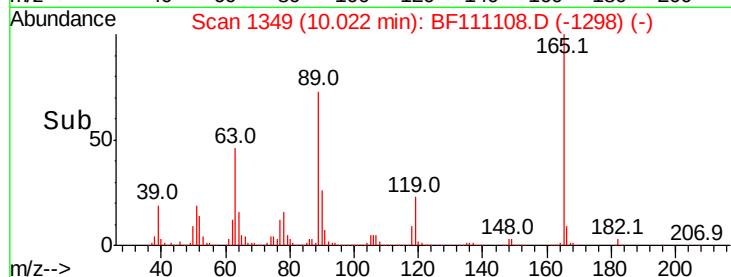
Tot Ion	Ratio	Resp	Lower	Upper
165	100	781713		
63	45.9		44.8	67.2
89	73.0		62.2	93.4
182	2.6		2.1	3.1

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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
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 33.359 ng

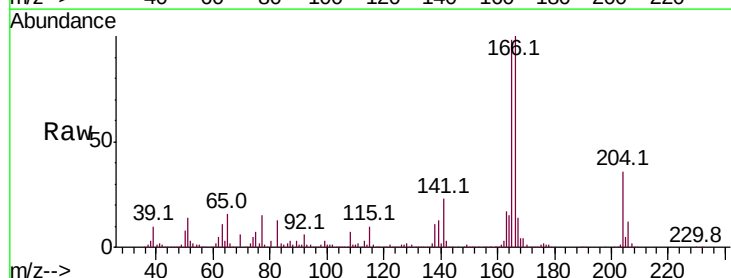
RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

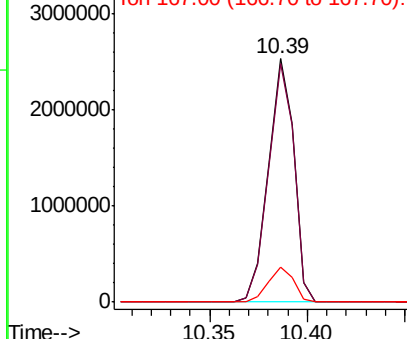
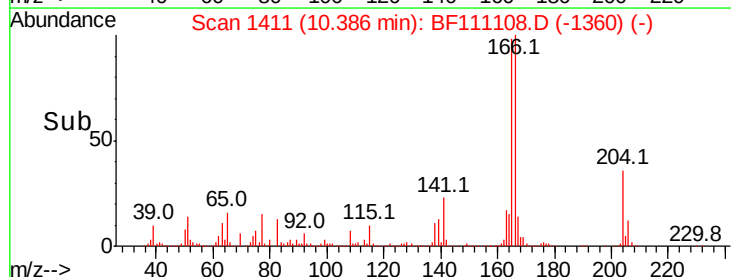
Lab File: BF111108.D

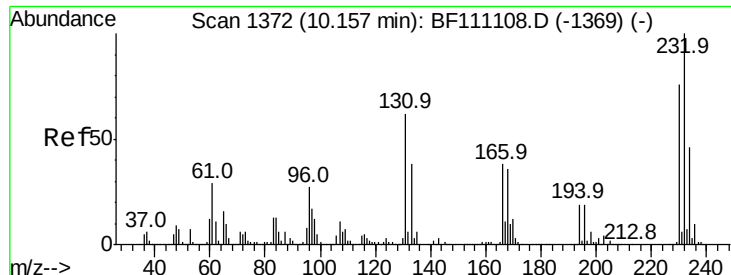
Acq: 5 Dec 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2290205		
165	98.0		78.6	117.8
167	14.3		10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





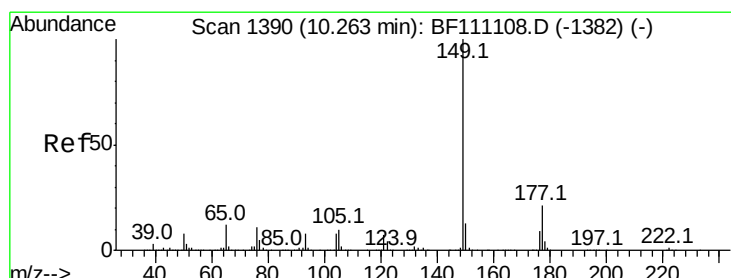
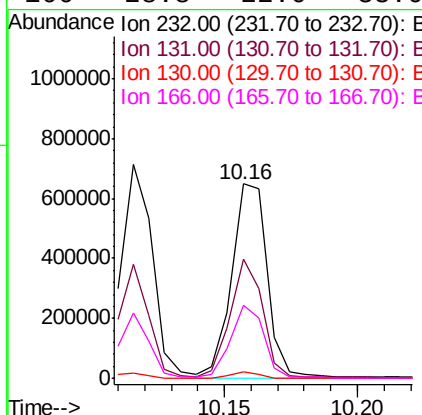
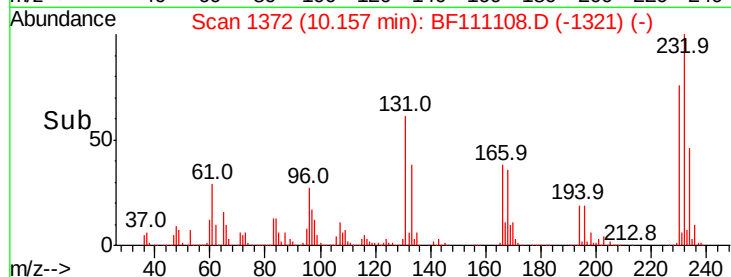
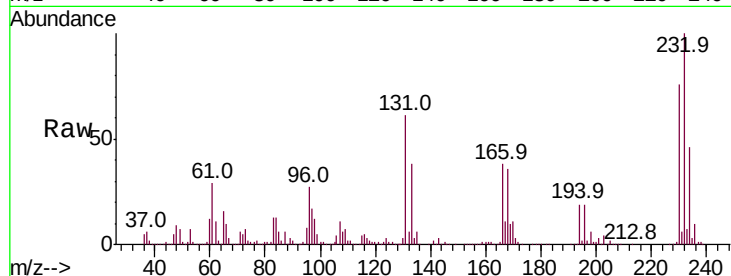
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.722 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BF111108.D
 Acq: 5 Dec 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.5	37.0	55.4
130	2.6	1.8	2.6
166	28.8	22.0	33.0

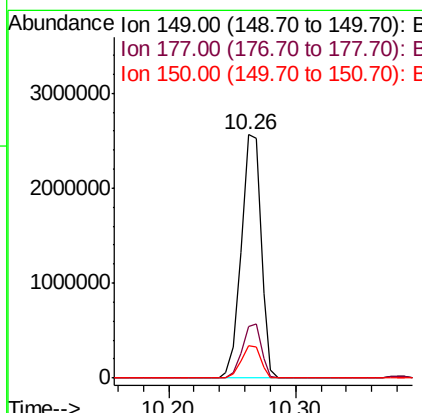
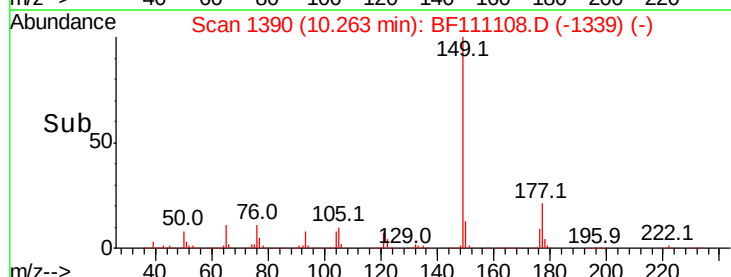
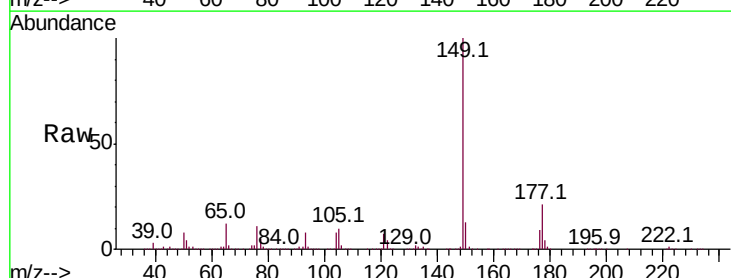
Manual Integrations
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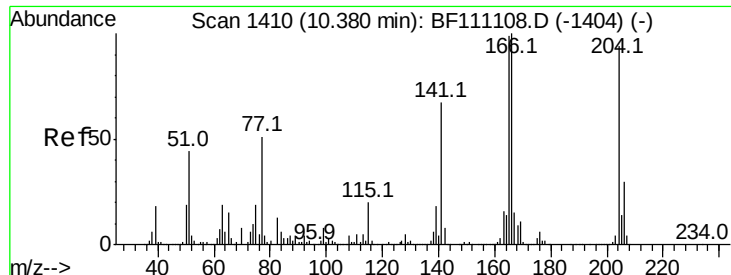
mohammad
 12/6/2018 12:10:44 PM



#60
 Diethylphthalate
 Concen: 36.603 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF111108.D
 Acq: 5 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.4	26.2
150	13.1	9.8	14.8





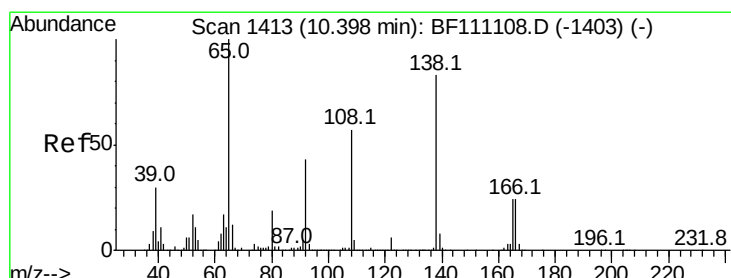
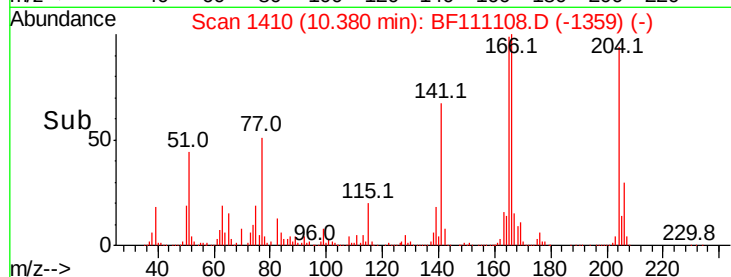
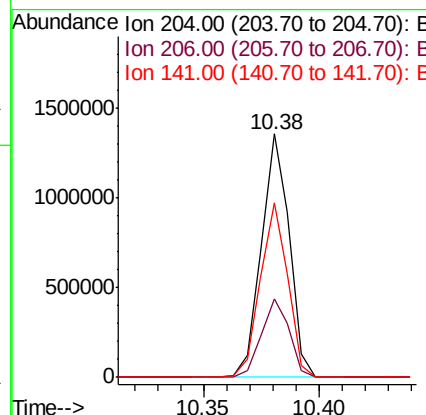
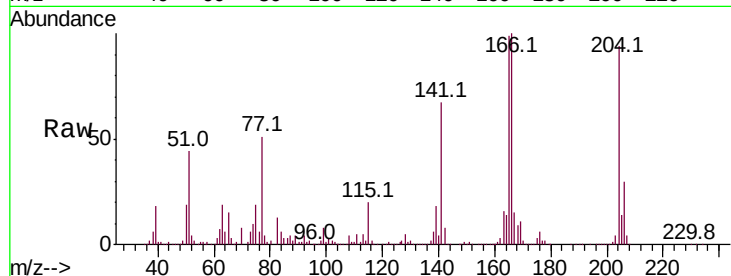
#61
4-Chlorophenyl-phenylether
Concen: 31.732 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:204 Resp: 1139480
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 71.7 51.8 77.8

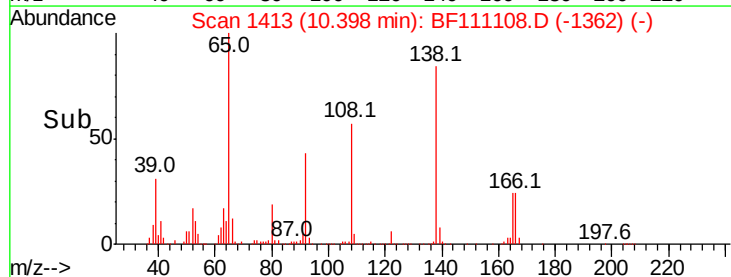
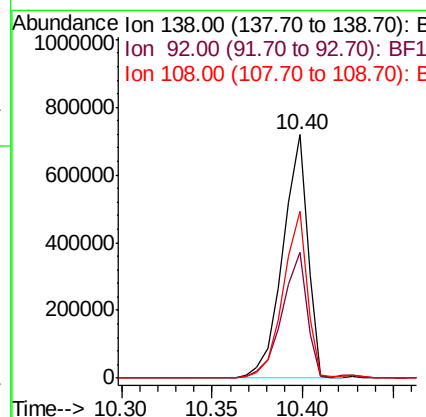
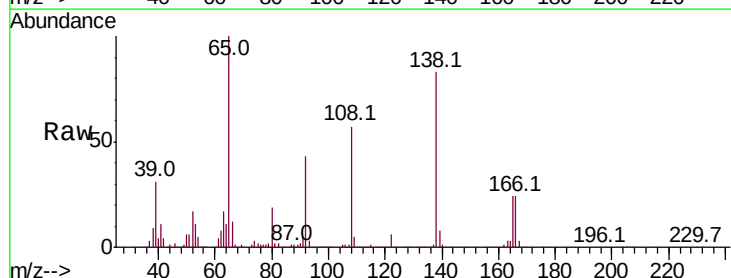
Manual Integrations
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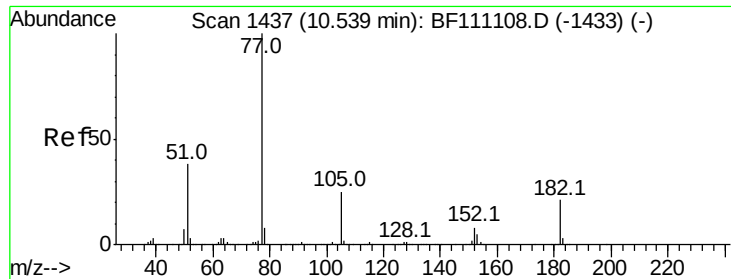
mohammad
12/6/2018 12:10:44 PM



#62
4-Nitroaniline
Concen: 39.190 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tgt Ion:138 Resp: 689238
Ion Ratio Lower Upper
138 100
92 51.6 31.7 71.7
108 68.3 59.3 99.3





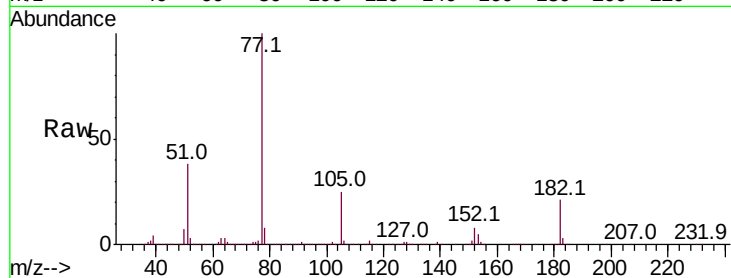
#63
Azobenzene
Concen: 39.871 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.4	4.3	44.3
105	24.7	1.3	41.3
51	38.0	9.0	49.0

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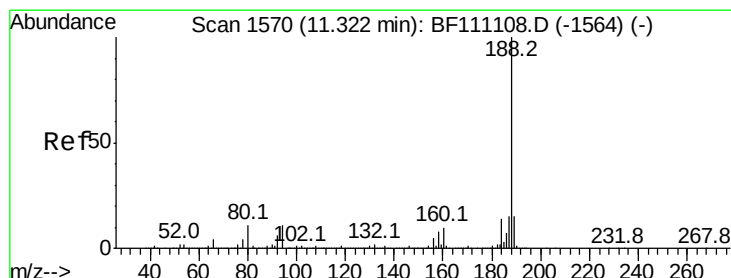
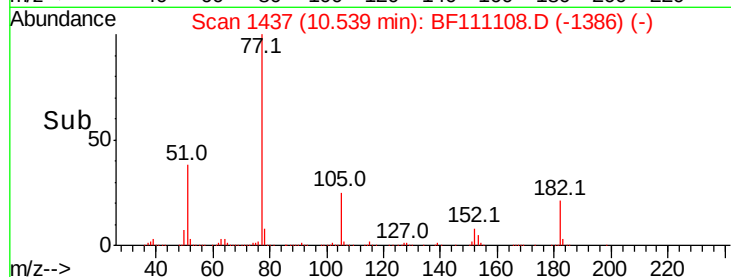
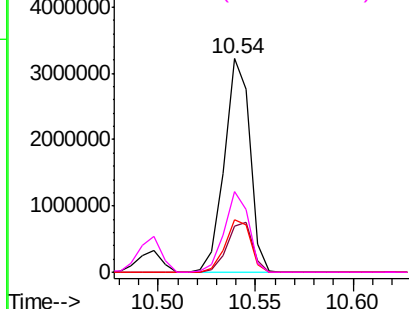
Abundance

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: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

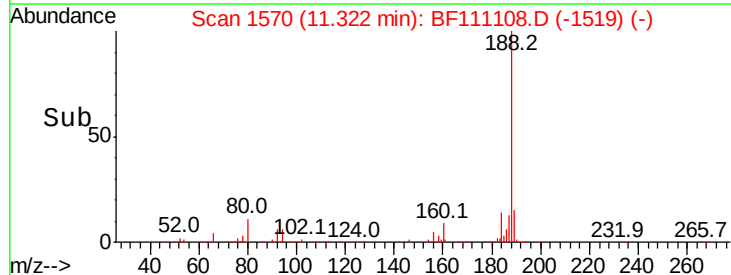
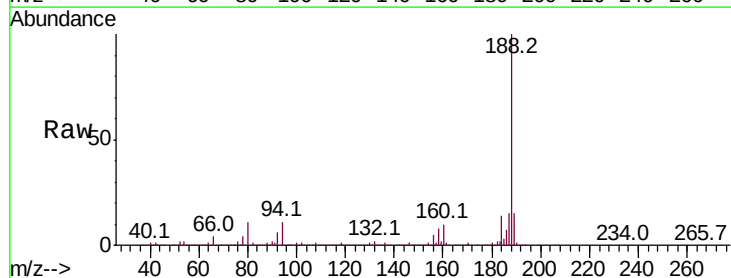
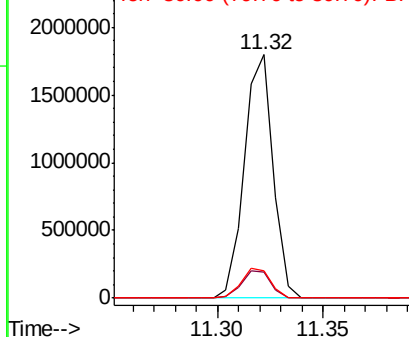
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.2	10.8
80	11.3	7.9	11.9

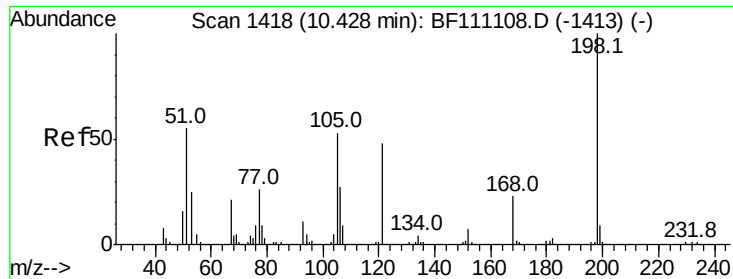
Abundance

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





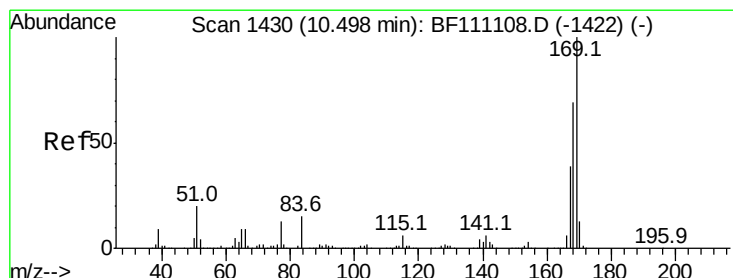
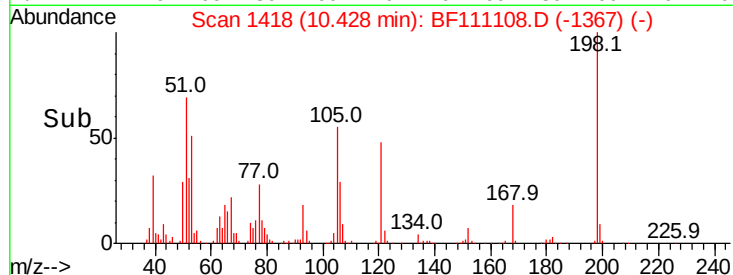
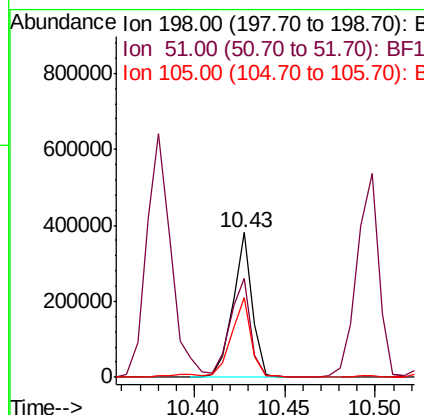
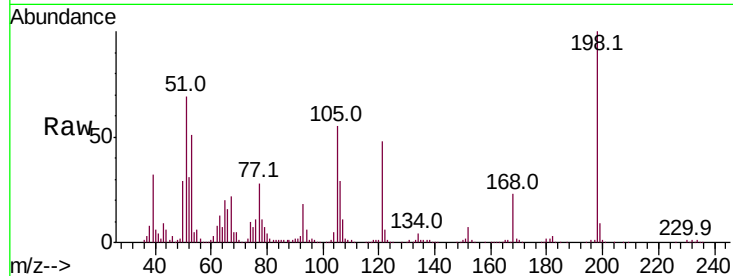
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.363 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF111108.D
 Acq: 5 Dec 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	283577		
51	68.8	22.8	62.8#	
105	55.2	23.6	63.6	

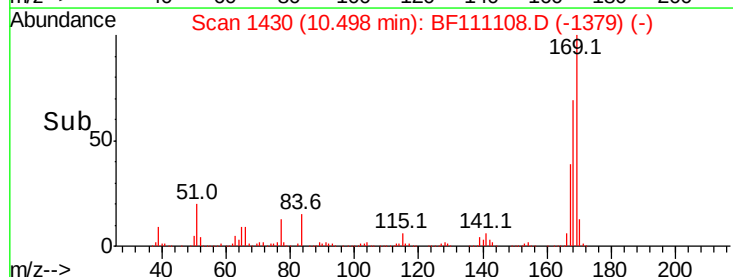
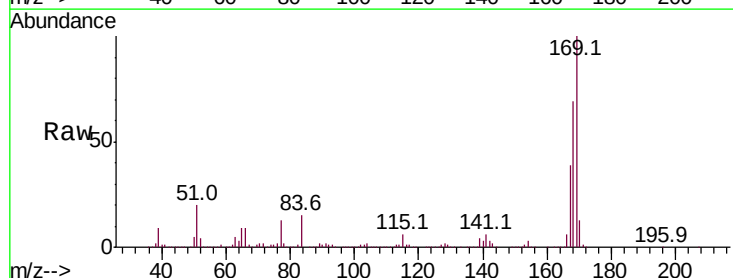
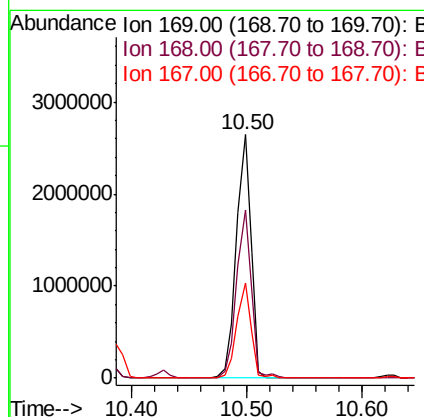
Manual Integrations
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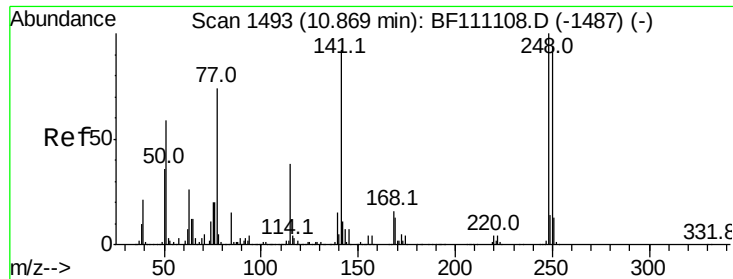
mohammad
 12/6/2018 12:10:44 PM



#66
 n-Nitrosodiphenylamine
 Concen: 41.317 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF111108.D
 Acq: 5 Dec 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2331663		
168	69.3	51.2	76.8	
167	38.9	27.8	41.6	





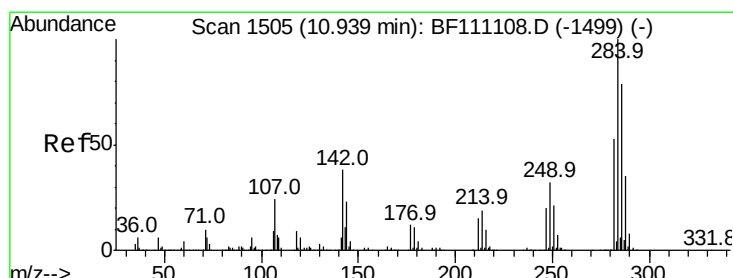
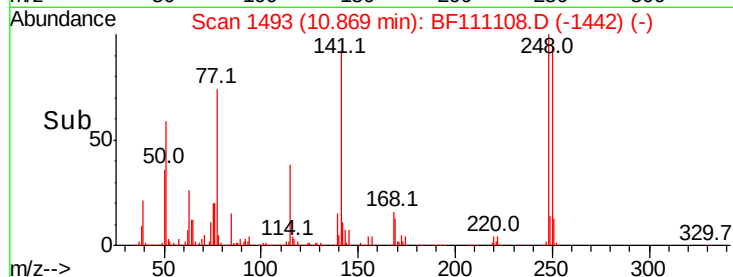
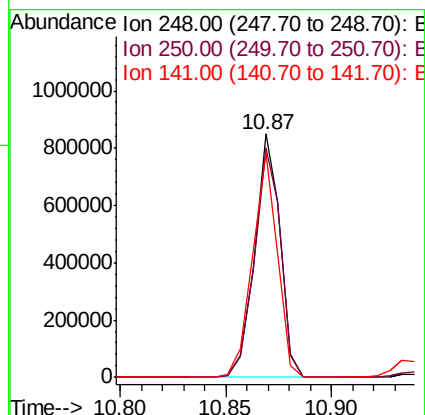
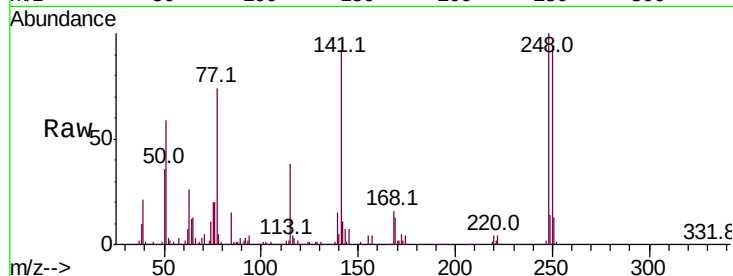
#67
4-Bromophenyl-phenylether
Concen: 38.298 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.2	79.4	119.2
141	92.2	55.9	83.9

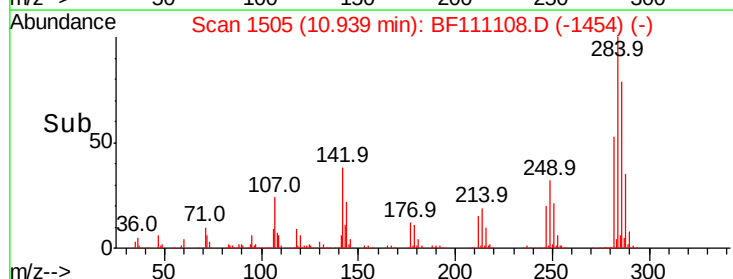
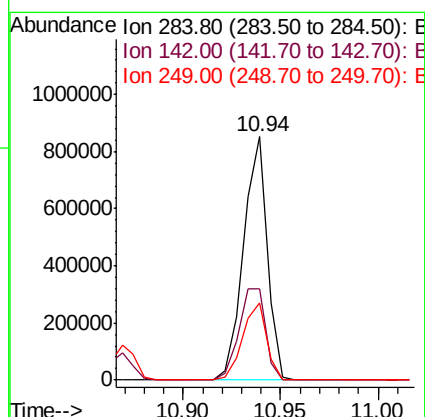
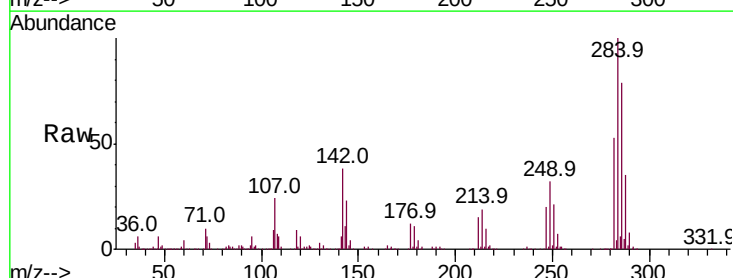
Manual Integrations
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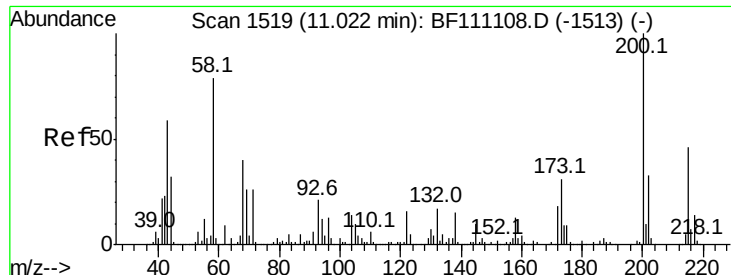
mohammad
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#68
Hexachlorobenzene
Concen: 36.526 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.7	23.9	35.9
249	31.6	24.2	36.2





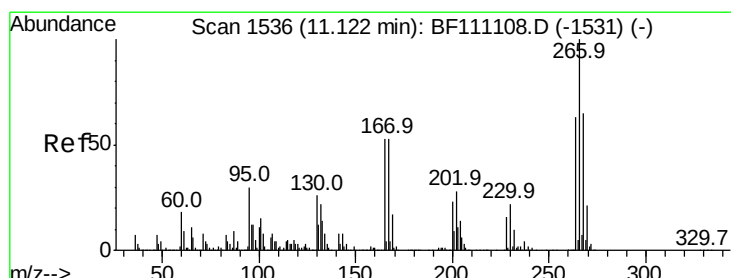
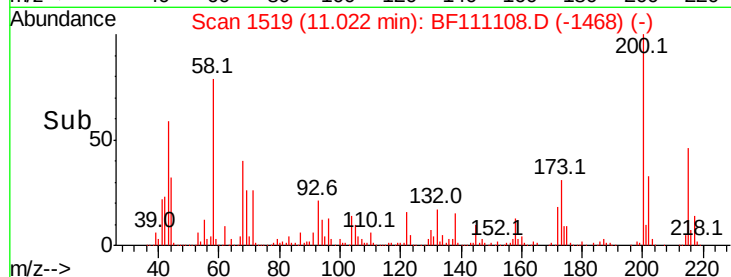
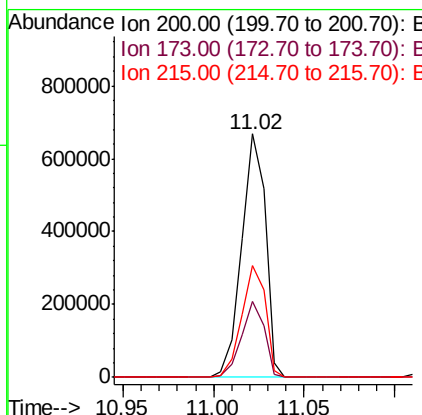
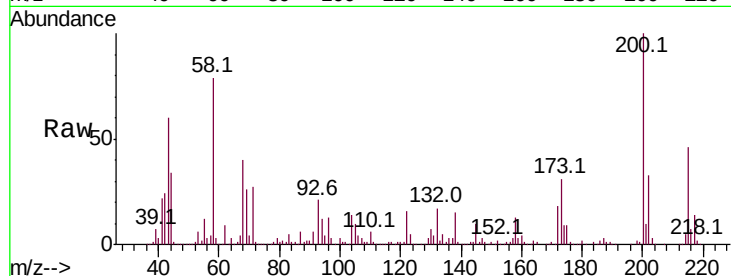
#69
Atrazine
Concen: 42.099 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	31.3	6.6	46.6
215	45.9	26.3	66.3

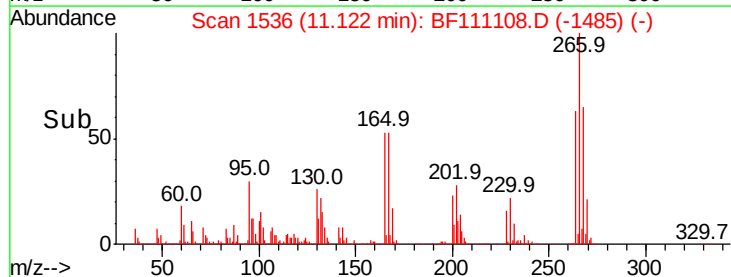
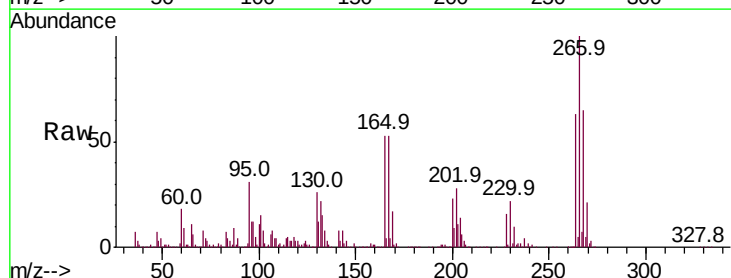
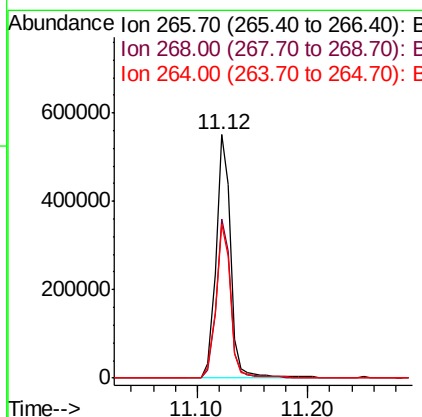
Manual Integrations
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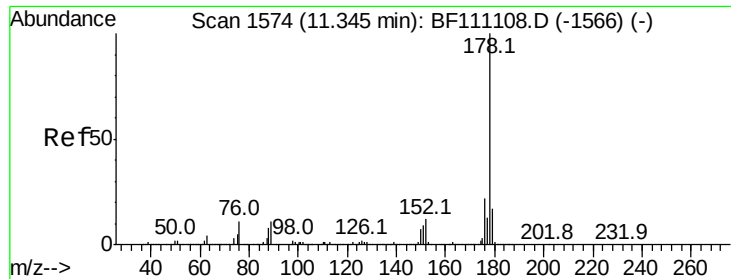
mohammad
12/6/2018 12:10:44 PM



#70
Pentachlorophenol
Concen: 64.540 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	50.6	75.8
264	63.5	50.6	75.8





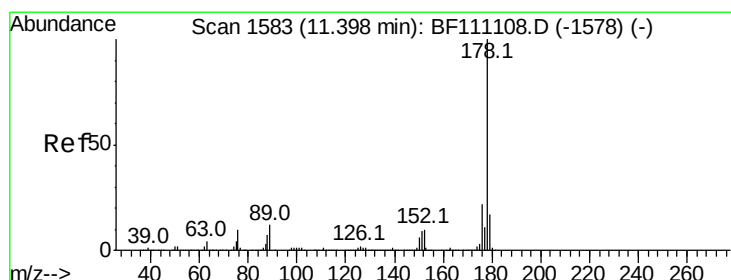
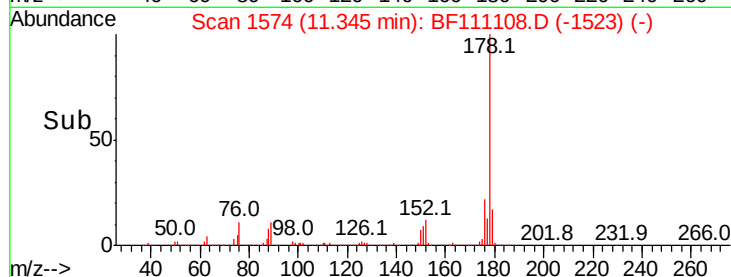
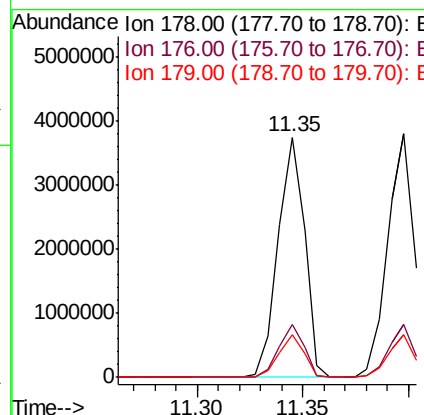
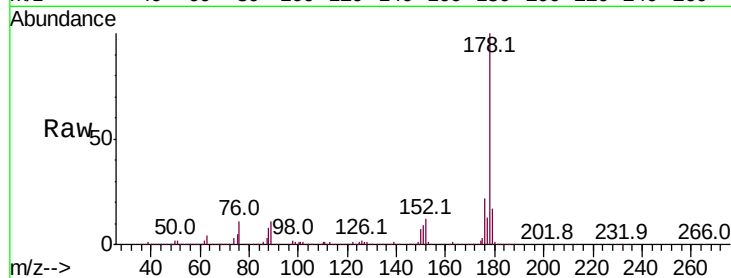
#71
Phenanthrene
Concen: 36.642 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	22.1	15.5	23.3	
179	17.5	12.5	18.7	

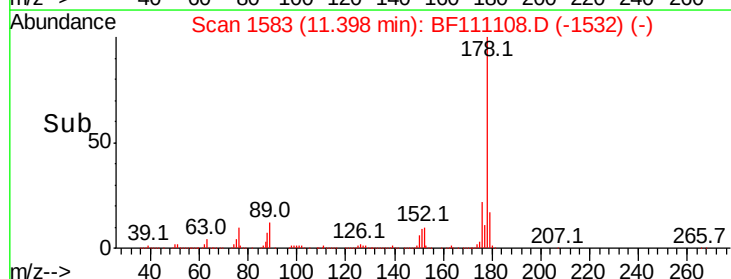
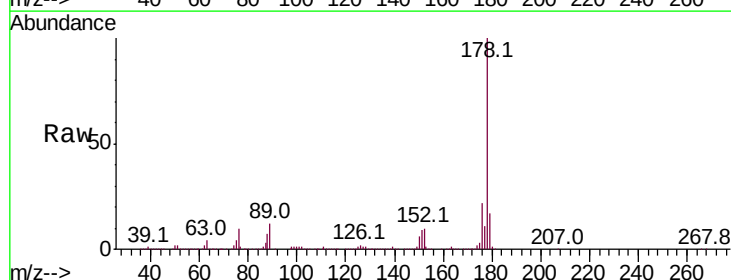
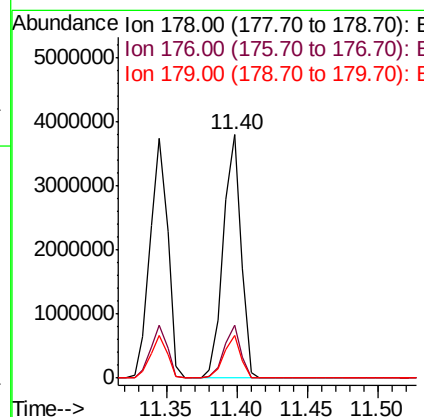
Manual Integrations
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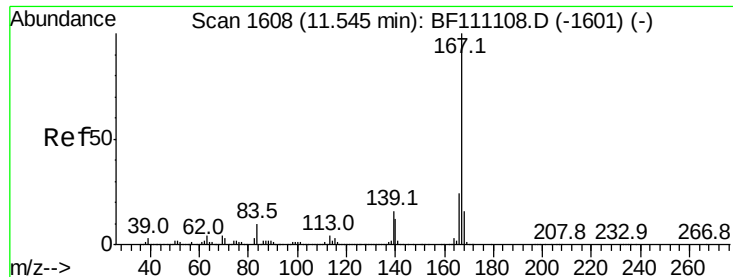
mohammad
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#72
Anthracene
Concen: 36.380 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	21.6	15.4	23.2	
179	17.3	12.6	18.8	





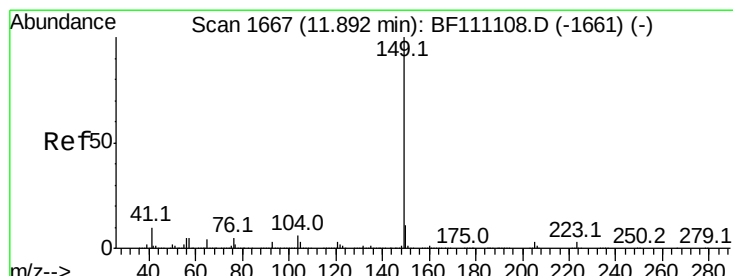
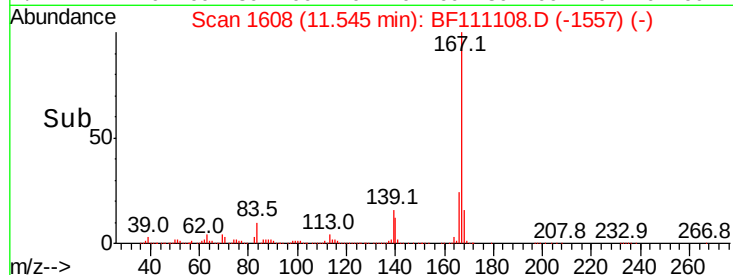
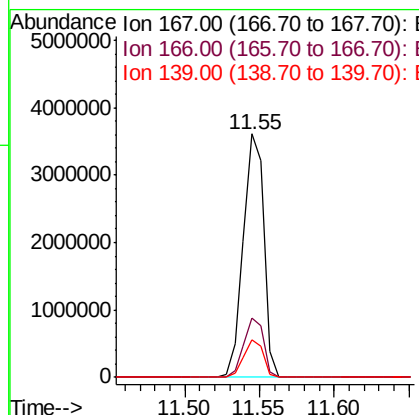
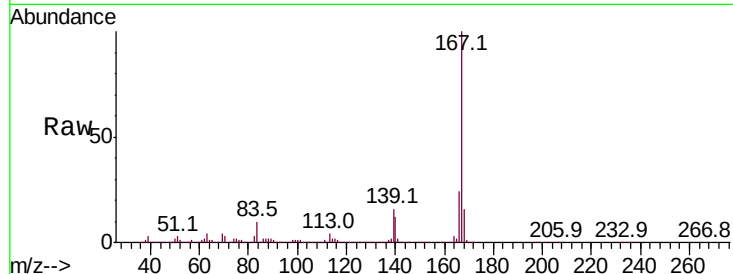
#73
 Carbazole
 Concen: 38.945 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BF111108.D
 Acq: 5 Dec 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTD1CCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	17.4	26.0
139	15.7	10.9	16.3

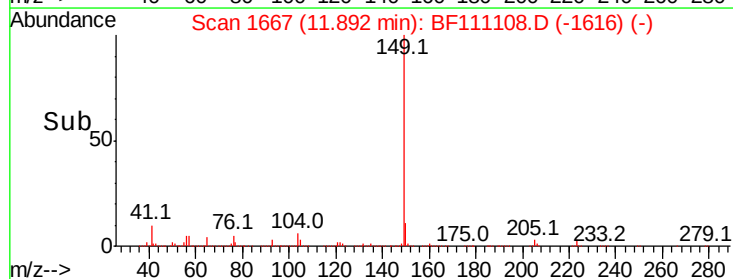
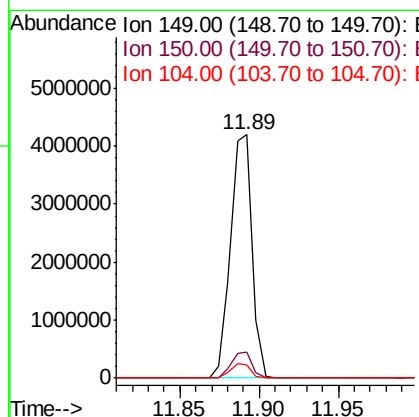
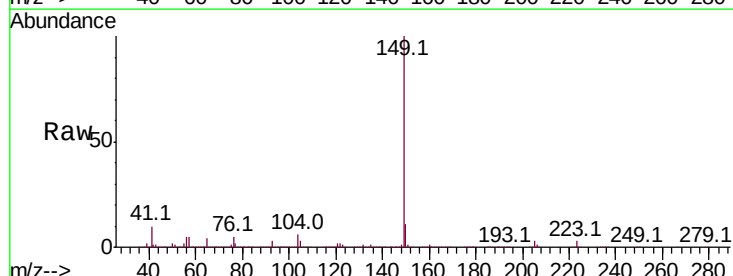
Manual Integrations
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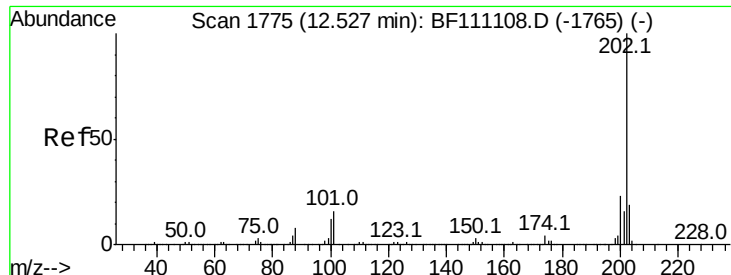
mohammad
 12/6/2018 12:10:44 PM



#74
 Di-n-butylphthalate
 Concen: 38.120 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF111108.D
 Acq: 5 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.7	11.5
104	5.6	4.2	6.4





#75

Fluoranthene

Concen: 35.401 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:202 Resp: 3266783

Ion Ratio Lower Upper

202 100

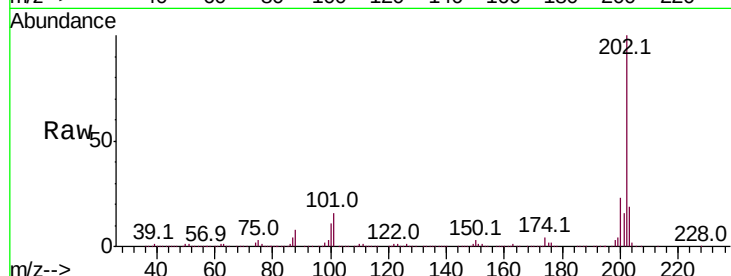
101 15.8 0.0 31.4

203 18.6 0.0 37.7

Manual Integrations
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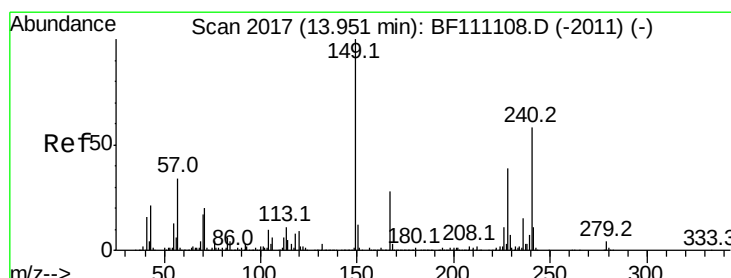
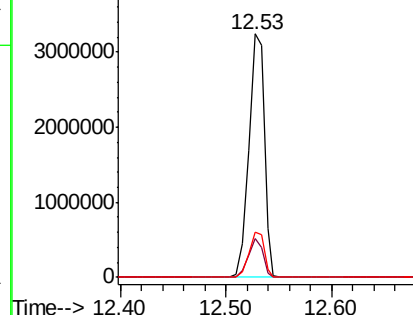
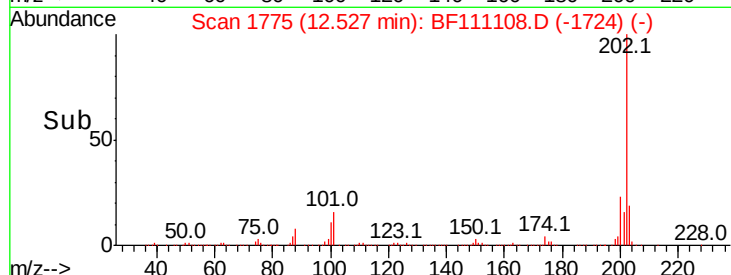


Abundance

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: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

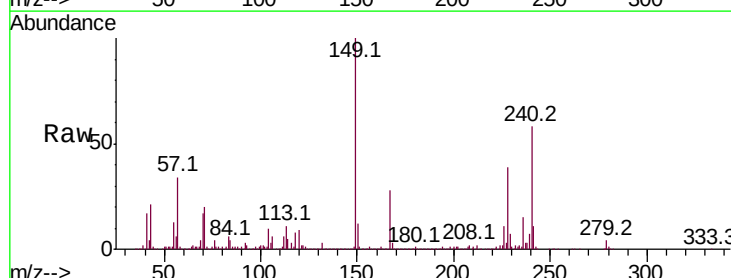
Tgt Ion:240 Resp: 1080332

Ion Ratio Lower Upper

240 100

120 16.0 8.3 12.5#

236 26.4 21.2 31.8

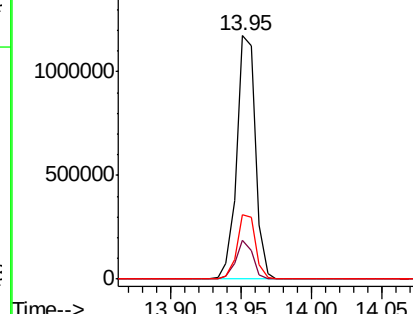
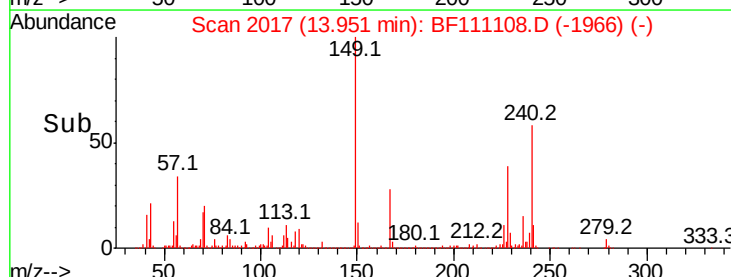


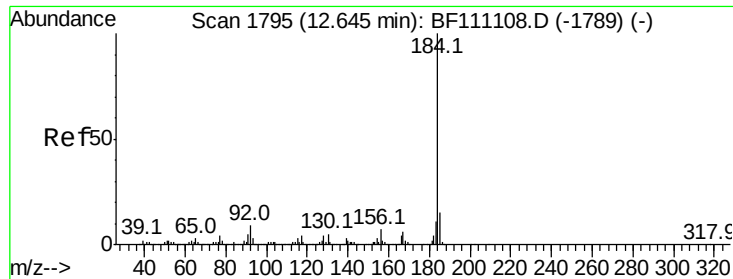
Abundance

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: 43.318 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:184 Resp: 1196987

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.2

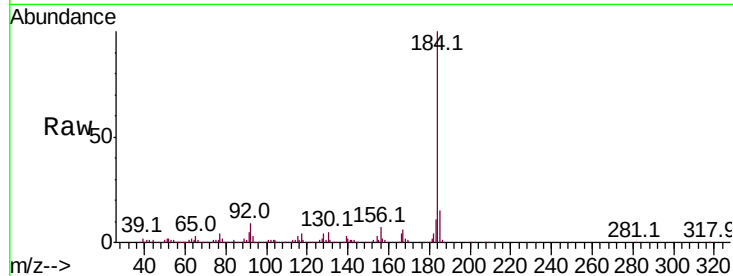
183 11.1 9.4 14.2

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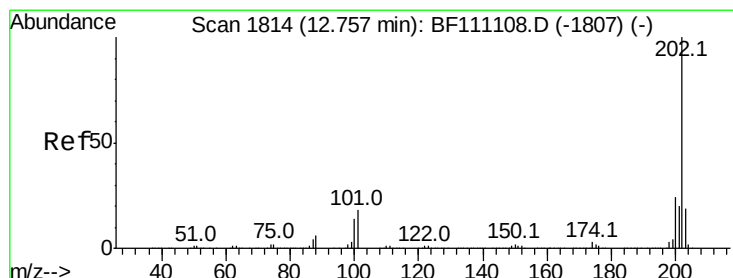
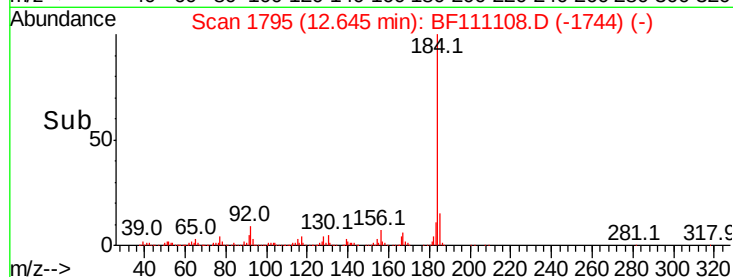
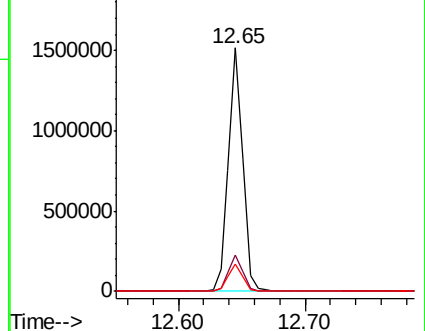
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.684 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

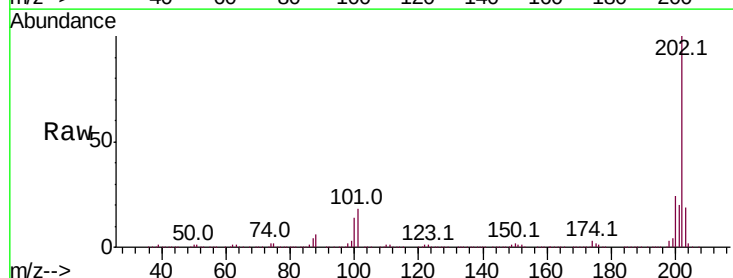
Tgt Ion:202 Resp: 3367949

Ion Ratio Lower Upper

202 100

200 24.1 17.8 26.6

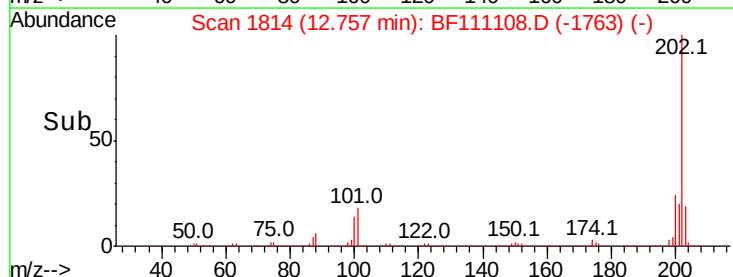
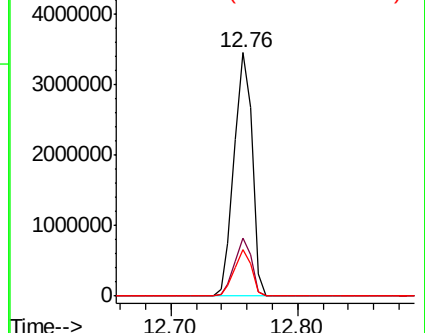
203 19.3 14.2 21.4

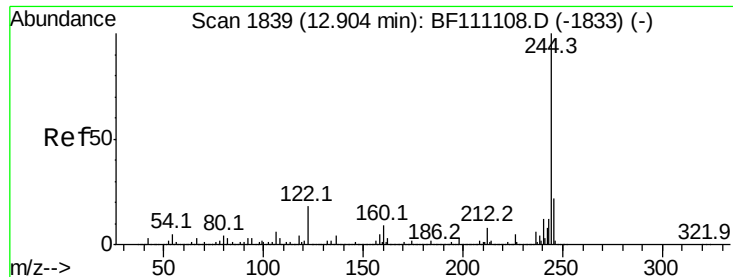


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





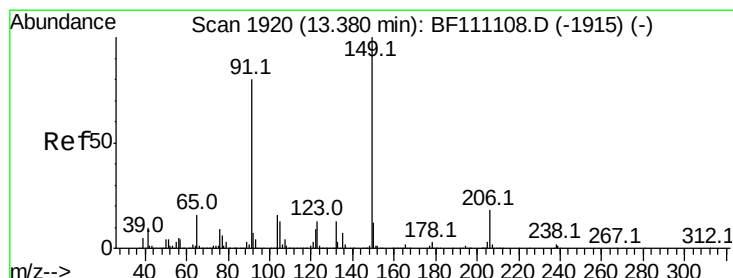
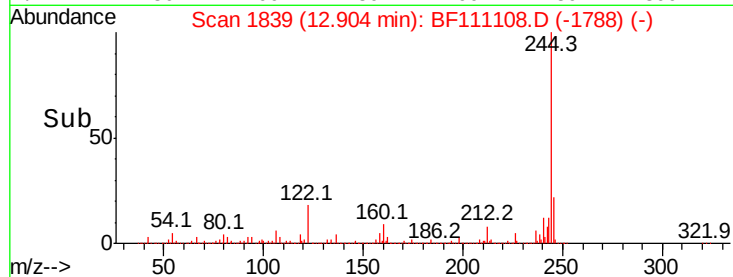
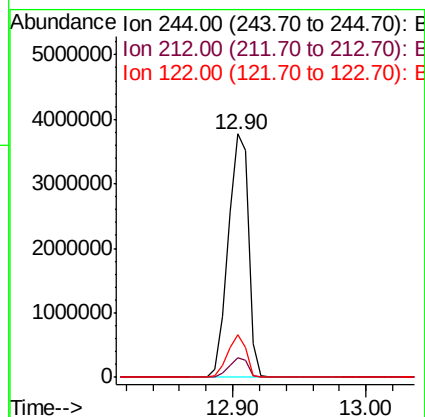
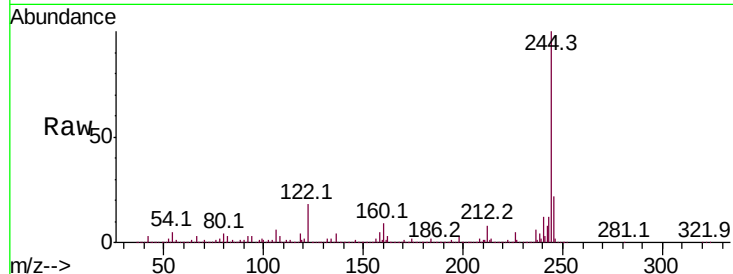
#79
 Terphenyl-d14
 Concen: 73.214 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF111108.D
 Acq: 5 Dec 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTD1CCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	17.7	8.7	13.1

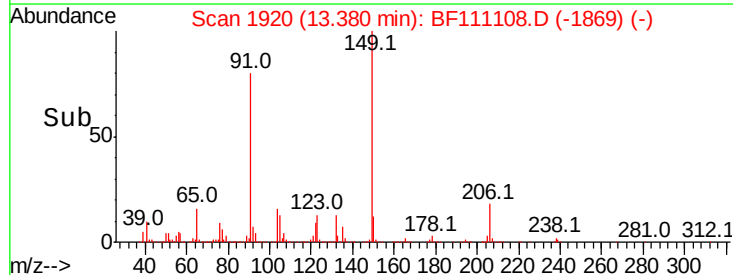
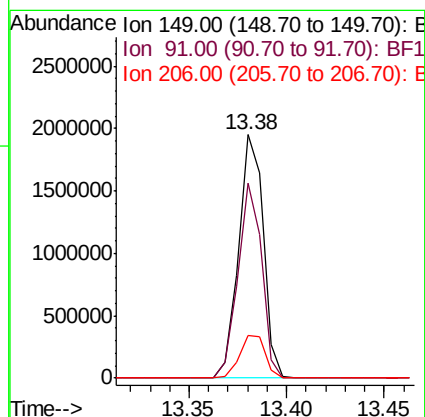
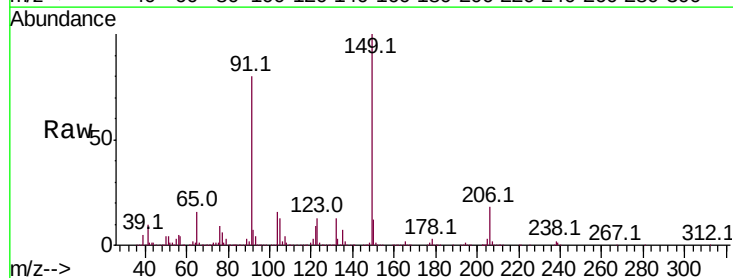
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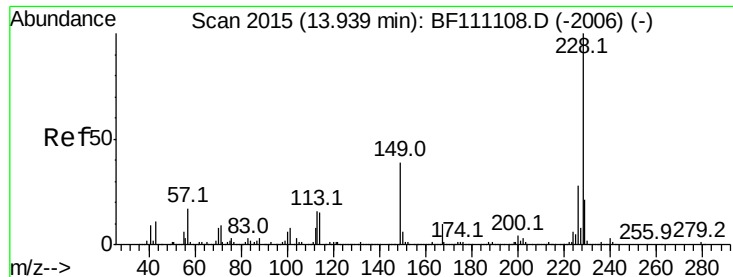
mohammad
 12/6/2018 12:10:44 PM



#80
 Butylbenzylphthalate
 Concen: 47.934 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: BF111108.D
 Acq: 5 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.0	57.2	85.8
206	17.6	15.7	23.5





#81

Benzo(a)anthracene

Concen: 39.962 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:228 Resp: 2548849

Ion Ratio Lower Upper

228 100

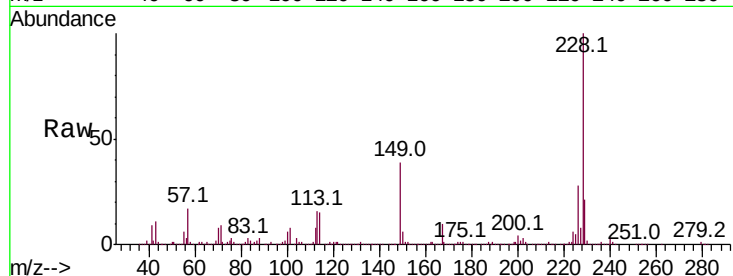
226 28.3 22.1 33.1

229 20.9 15.6 23.4

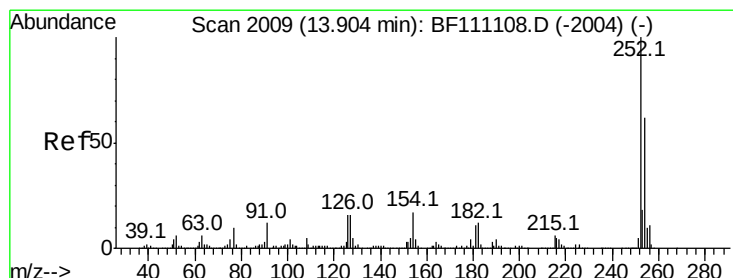
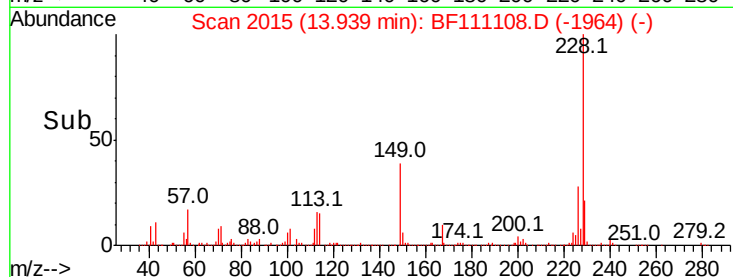
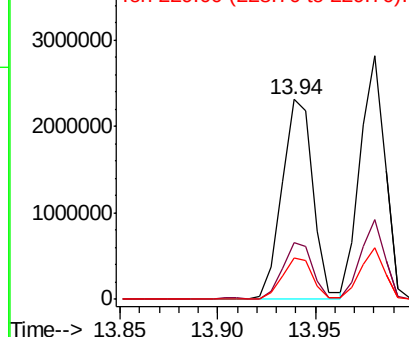
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.419 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

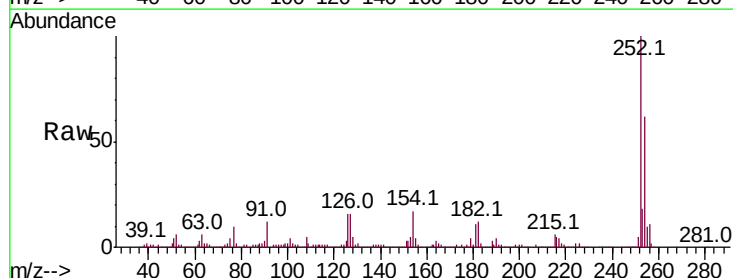
Tgt Ion:252 Resp: 993306

Ion Ratio Lower Upper

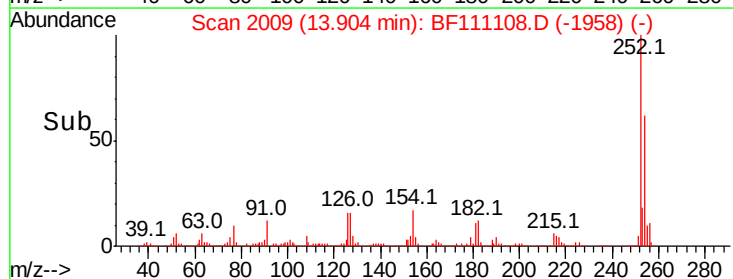
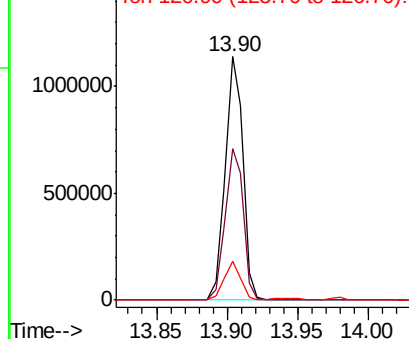
252 100

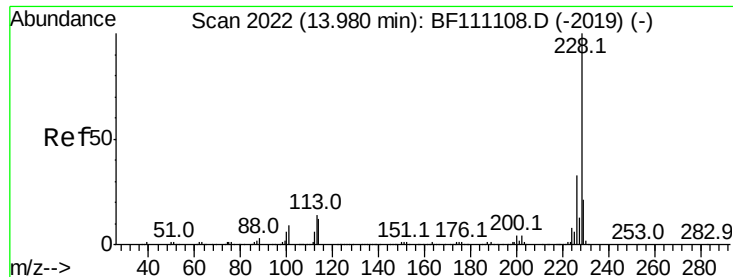
254 62.3 51.3 76.9

126 16.1 9.4 14.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





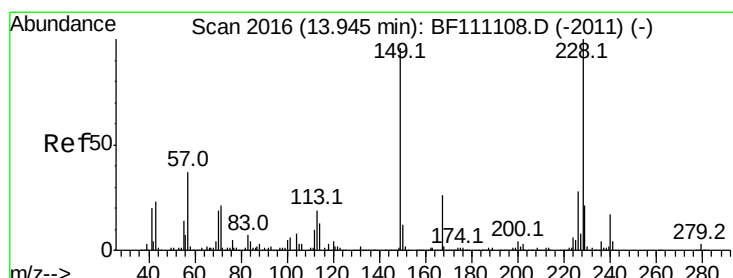
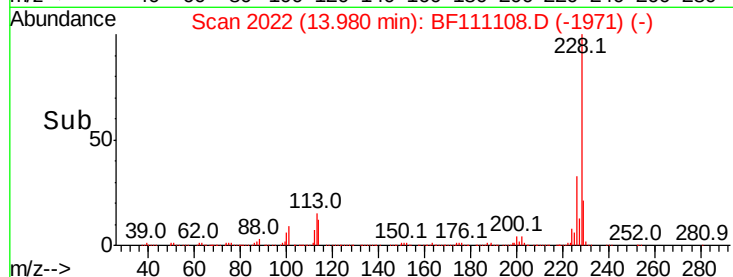
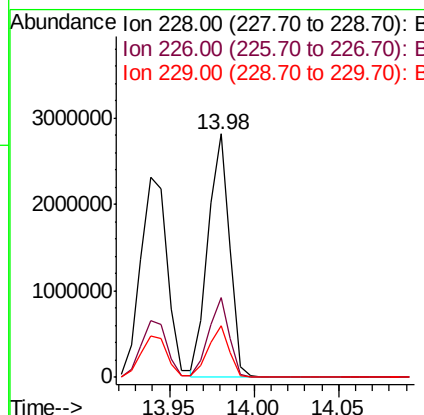
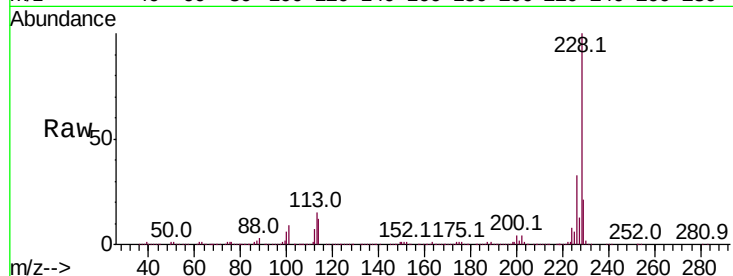
#83
 Chrysene
 Concen: 40.077 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF111108.D
 Acq: 5 Dec 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.7	37.1
229	21.1	15.9	23.9

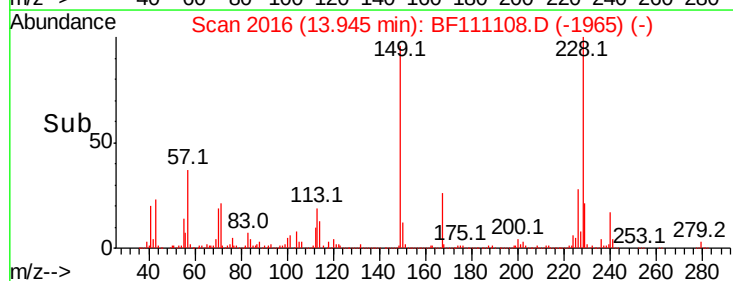
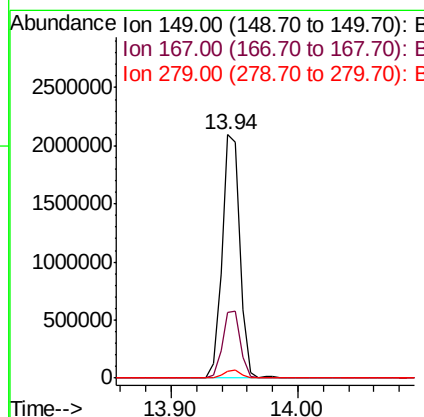
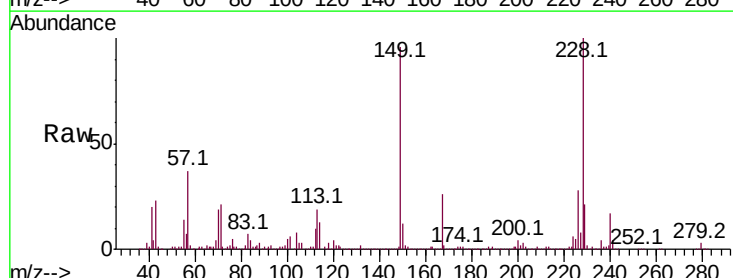
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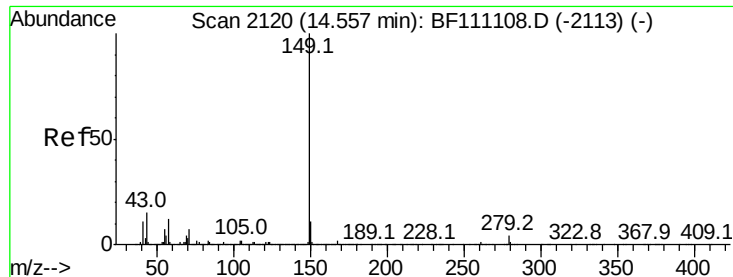
mohammad
 12/6/2018 12:10:44 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.291 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF111108.D
 Acq: 5 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	19.8	29.8
279	2.9	2.7	4.1





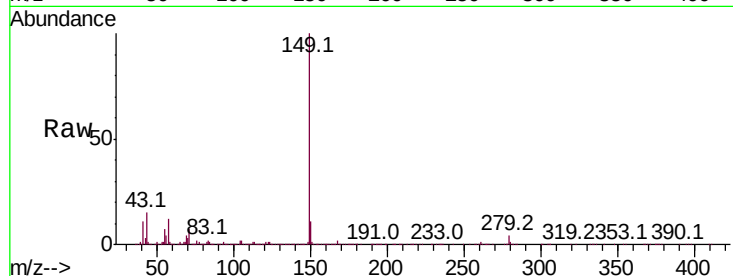
#85
Di-n-octyl phthalate
Concen: 42.455 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

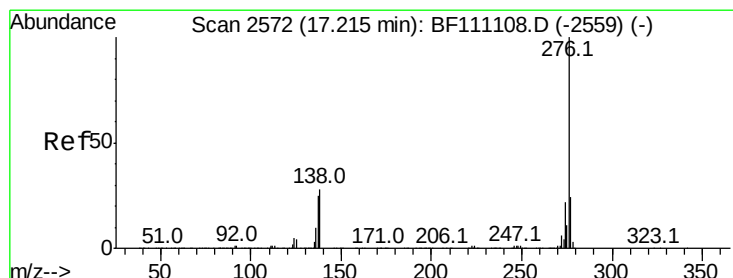
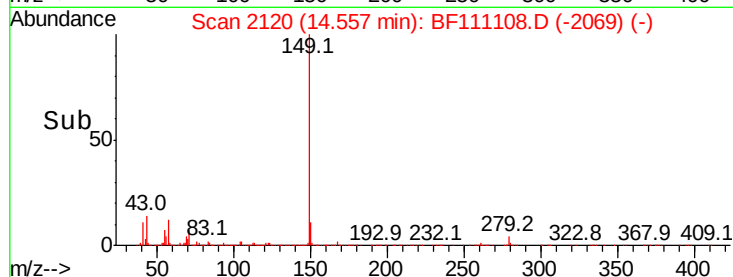
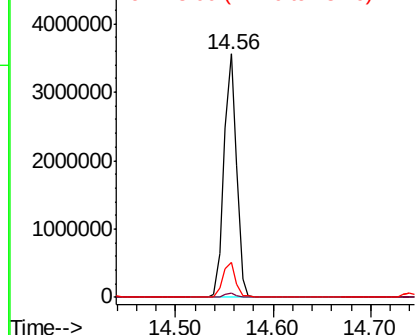
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	14.9	7.8	11.8

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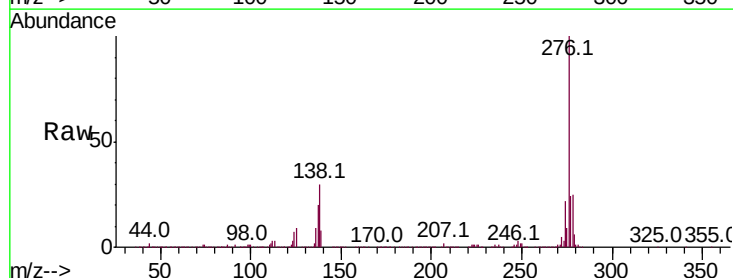


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

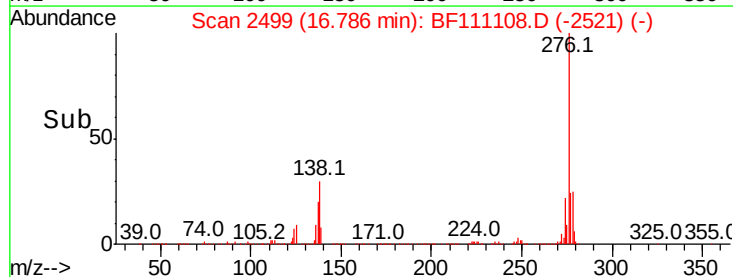
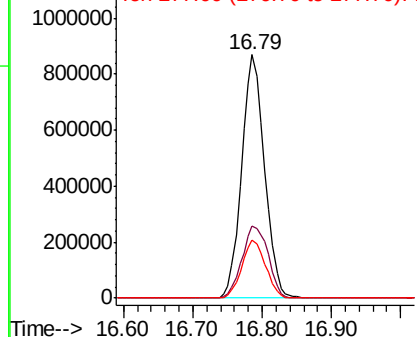


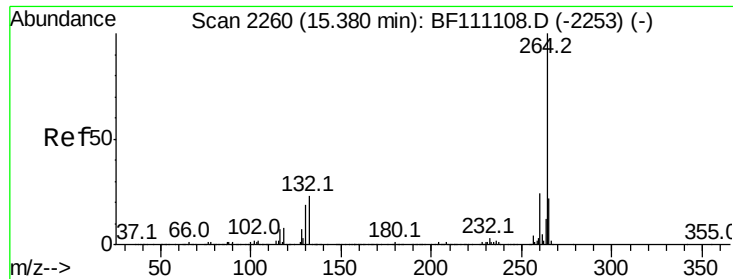
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.809 ng m
RT: 16.79 min Scan# 2499
Delta R.T. -0.43 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	18.5	27.7
277	19.7	20.0	30.0



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: 15.38 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:264 Resp: 919888

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

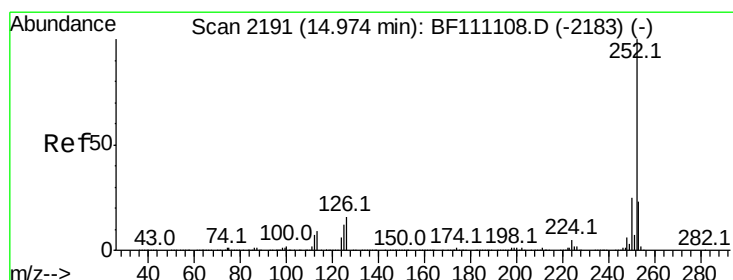
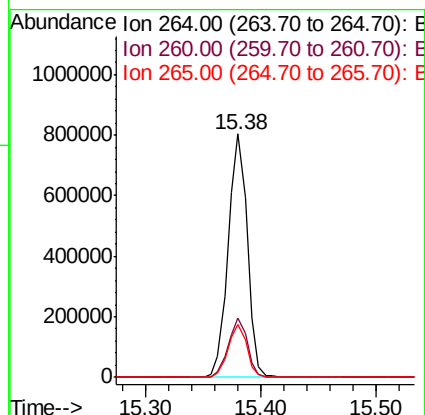
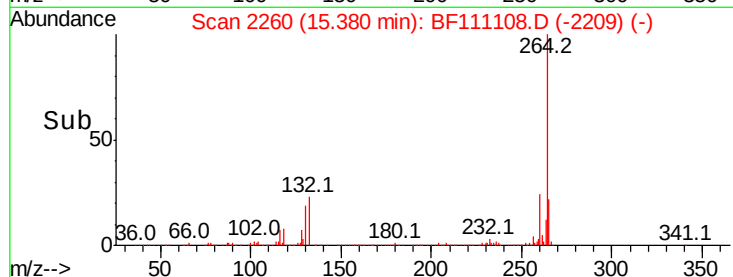
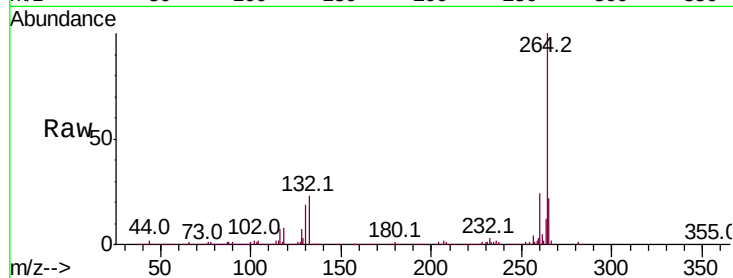
265 21.7 16.7 25.1

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#88

Benzo(b)fluoranthene

Concen: 39.647 ng

RT: 14.97 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BF111108.D

Acq: 5 Dec 2018 14:50

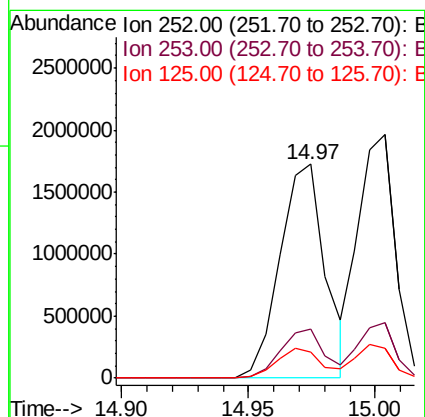
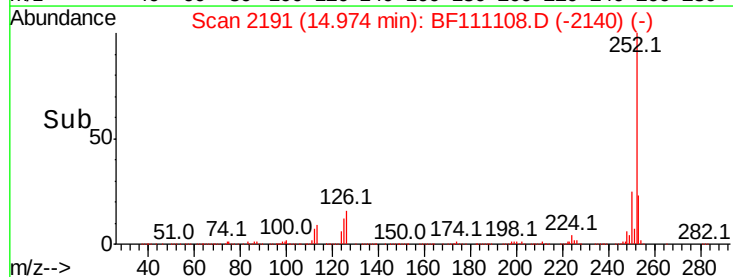
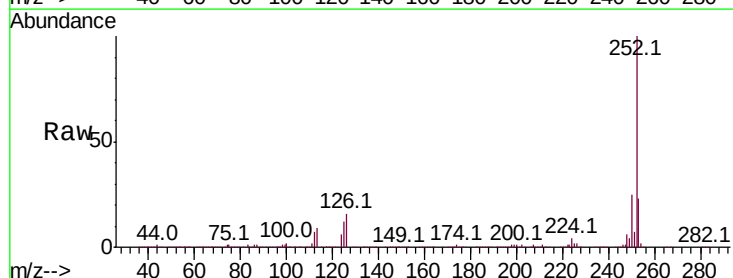
Tgt Ion:252 Resp: 2142534

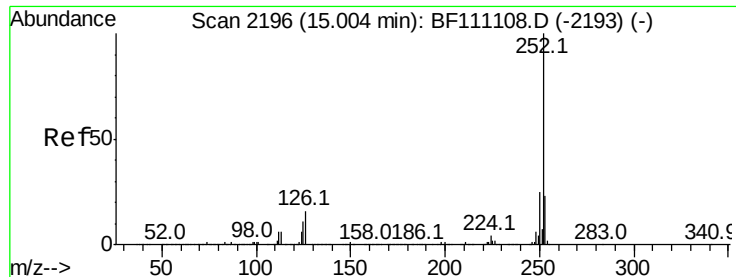
Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

125 12.4 8.2 12.4#





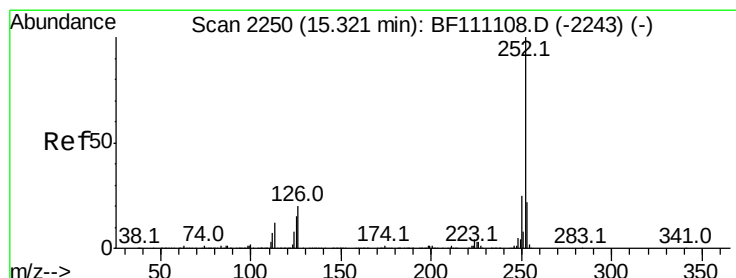
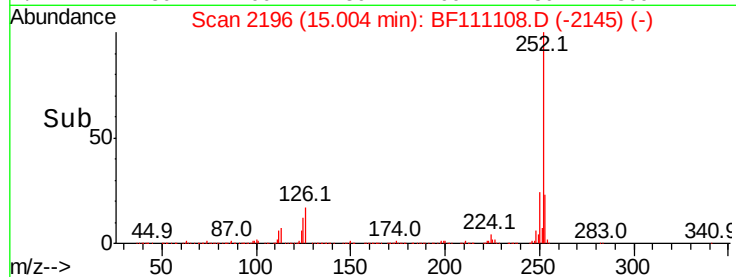
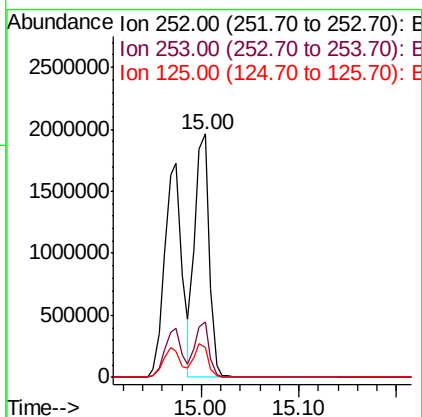
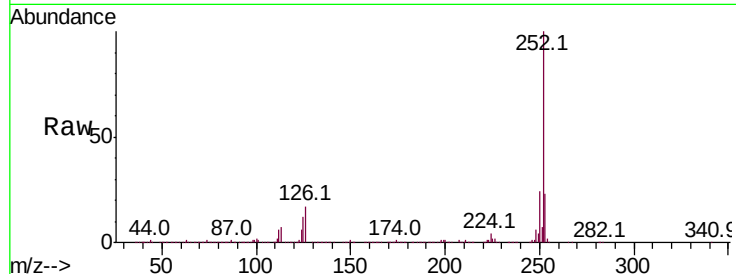
#89
Benzo(k)fluoranthene
Concen: 36.206 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	12.4	7.4	11.0

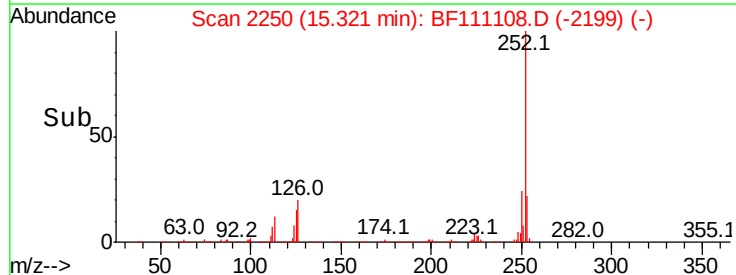
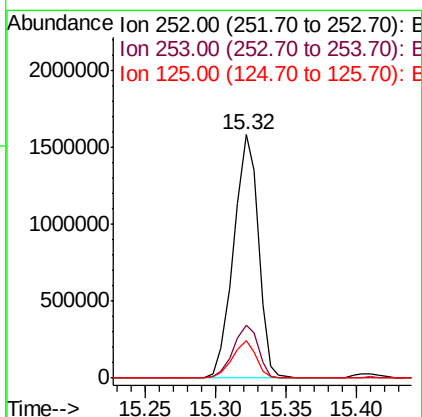
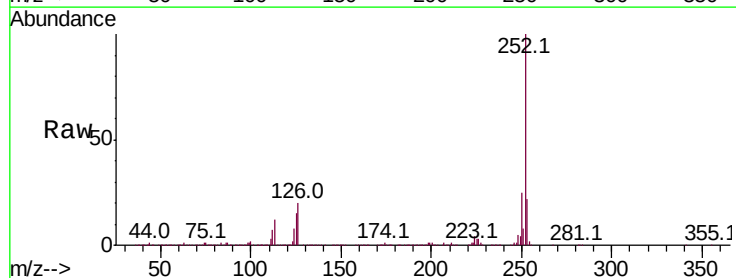
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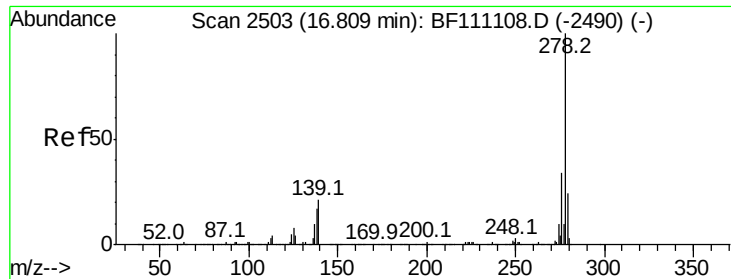
mohammad
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#90
Benzo(a)pyrene
Concen: 38.484 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	15.5	9.0	13.6





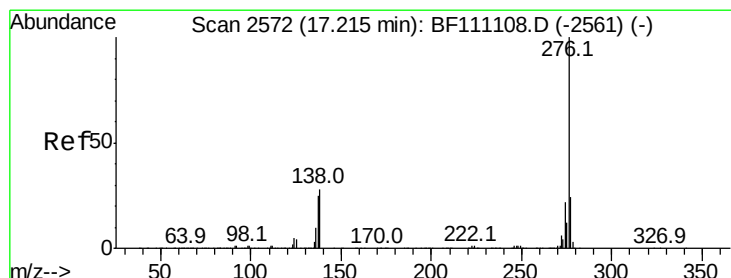
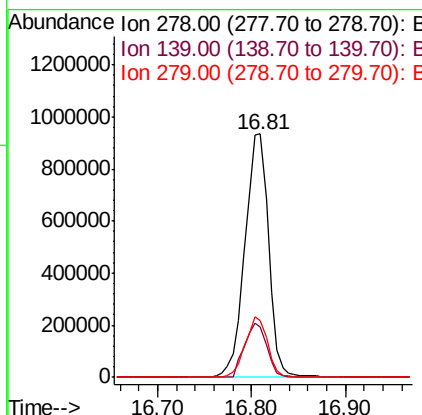
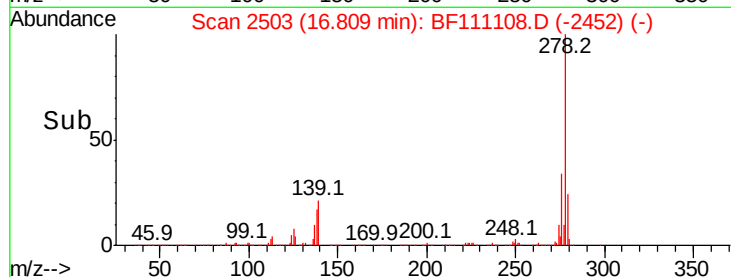
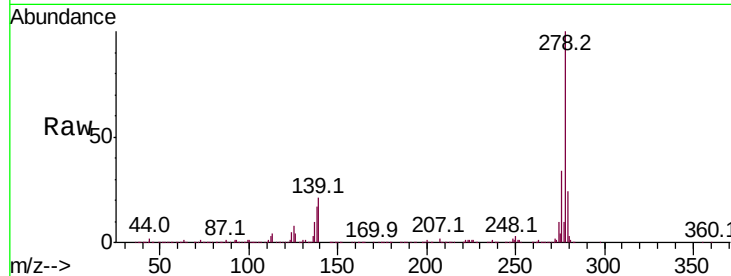
#91
Dibenzo(a,h)anthracene
Concen: 39.433 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:278 Resp: 1636576
Ion Ratio Lower Upper
278 100
139 20.8 12.7 19.1#
279 23.5 19.0 28.4

Manual Integrations
APPROVED

mohammad
12/6/2018 12:10:44 PM



#92
Benzo(g,h,i)perylene
Concen: 41.165 ng
RT: 17.22 min Scan# 2572
Delta R.T. 0.00 min
Lab File: BF111108.D
Acq: 5 Dec 2018 14:50

Tgt Ion:276 Resp: 1647302
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 27.9 16.0 24.0#

