

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111188.D
 Acq On : 7 Dec 2018 15:48
 Operator : JU/SJ
 Sample : PB115194BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115194BS

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:44:43 AM

Quant Time: Dec 10 13:23:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 07 16:40:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	439371	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1751073	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	805295	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1366151	20.00	ng	0.00
76) Chrysene-d12	13.96	240	836414	20.00	ng	0.01
87) Perylene-d12	15.40	264	642128	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	3220272	114.37	ng	0.02
7) Phenol-d6	6.45	99	4086961	112.68	ng	0.01
23) Nitrobenzene-d5	7.37	82	2161776	73.09	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	858340	134.09	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3570298	81.47	ng	0.00
79) Terphenyl-d14	12.91	244	3159642	77.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	529258	32.679	ng	99
3) Pyridine	3.39	79	1463675	40.749	ng	97
4) n-Nitrosodimethylamine	3.33	42	751759	42.507	ng	93
6) Aniline	6.47	93	1477062	30.481	ng	99
8) 2-Chlorophenol	6.60	128	1307271	40.281	ng	98
9) Benzaldehyde	6.35	77	534811	24.309	ng	99
10) Phenol	6.46	94	1582010	40.002	ng	90
11) bis(2-Chloroethyl)ether	6.55	93	1250523	38.688	ng	96
12) 1,3-Dichlorobenzene	6.75	146	1370216	39.699	ng	97
13) 1,4-Dichlorobenzene	6.82	146	1379469	39.715	ng	99
14) 1,2-Dichlorobenzene	6.98	146	1290960	39.955	ng	99
15) Benzyl Alcohol	6.95	79	1121290	39.017	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2478957	39.426	ng	99
17) 2-Methylphenol	7.06	107	1084422	40.706	ng	98
18) Hexachloroethane	7.32	117	528132	40.532	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	926842	38.025	ng	99
20) 3+4-Methylphenols	7.22	107	1275533	39.256	ng	94
22) Acetophenone	7.22	105	1742636	41.181	ng	# 89
24) Nitrobenzene	7.39	77	1393908	43.806	ng	98
25) Isophorone	7.63	82	2515008	46.333	ng	99
26) 2-Nitrophenol	7.70	139	686958	51.094	ng	94
27) 2,4-Dimethylphenol	7.75	122	1248968	49.325	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	1592569	43.339	ng	99
29) 2,4-Dichlorophenol	7.95	162	1083563	43.468	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	1090415	43.338	ng	97
31) Naphthalene	8.11	128	3676321	48.221	ng	98
32) Benzoic acid	7.86	122	790847	47.363	ng	97
33) 4-Chloroaniline	8.15	127	869714	23.599	ng	97
34) Hexachlorobutadiene	8.23	225	583222	42.653	ng	98
35) Caprolactam	8.52	113	364693m	39.846	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1161722	42.547	ng	98
37) 2-Methylnaphthalene	8.80	142	2513172	47.789	ng	98
38) 1-Methylnaphthalene	8.90	142	2347708	46.434	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	884914	41.230	ng	99

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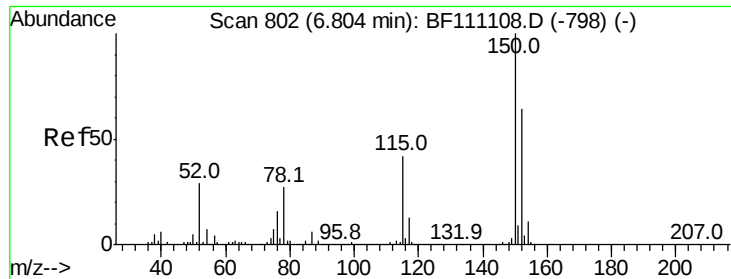
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1176481	103.956	nq	97
43) 2,4,6-Trichlorophenol	9.08	196	729055	46.509	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	728315	45.834	nq	96
46) 1,1'-Biphenyl	9.27	154	2715805	41.196	nq	98
47) 2-Chloronaphthalene	9.29	162	2189946	42.750	nq	98
48) 2-Nitroaniline	9.38	65	748326	45.077	nq	97
49) Acenaphthylene	9.71	152	3427247	47.863	nq	98
50) Dimethylphthalate	9.57	163	2480347	44.256	nq	100
51) 2,6-Dinitrotoluene	9.63	165	580886	48.886	nq	93
52) Acenaphthene	9.88	154	2223686	47.007	nq	99
53) 3-Nitroaniline	9.79	138	463646	31.064	nq	91
54) 2,4-Dinitrophenol	9.90	184	418522	108.590	nq	# 71
55) Dibenzofuran	10.05	168	2977824	45.703	nq	97
56) 4-Nitrophenol	9.95	139	995158	88.478	nq	97
57) 2,4-Dinitrotoluene	10.03	165	764833	49.838	nq	95
58) Fluorene	10.39	166	2191202	47.690	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	589597	49.714	nq	94
60) Diethylphthalate	10.27	149	2450019	43.743	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	994089	43.902	nq	97
62) 4-Nitroaniline	10.41	138	631288	46.862	nq	92
63) Azobenzene	10.55	77	2496220	41.862	nq	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	299225	53.016	nq	98
66) n-Nitrosodiphenylamine	10.50	169	2051872	42.894	nq	98
67) 4-Bromophenyl-phenylether	10.87	248	631261	43.651	nq	95
68) Hexachlorobenzene	10.95	284	649105	43.896	nq	96
69) Atrazine	11.03	200	642242	50.435	nq	98
70) Pentachlorophenol	11.13	266	758816	78.033	nq	98
71) Phenanthrene	11.35	178	3075504	46.801	nq	99
72) Anthracene	11.40	178	3149788	47.551	nq	99
73) Carbazole	11.56	167	2971286	43.109	nq	97
74) Di-n-butylphthalate	11.89	149	3516962	43.590	nq	100
75) Fluoranthene	12.54	202	3014998	46.887	nq	97
77) Benzidine	12.66	184	1402163	50.271	nq	99
78) Pyrene	12.77	202	3056086	46.899	nq	98
80) Butylbenzylphthalate	13.39	149	1459051	46.350	nq	97
81) Benzo(a)anthracene	13.95	228	2211573	45.129	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	499754	27.023	nq	98
83) Chrysene	13.99	228	2220910	45.651	nq	97
84) Bis(2-ethylhexyl)phthalate	13.95	149	1682573	44.251	nq	99
85) Di-n-octyl phthalate	14.57	149	2732262	45.710	nq	97
86) Indeno(1,2,3-cd)pyrene	16.82	276	1760814	45.079	nq	# 88
88) Benzo(b)fluoranthene	14.99	252	1901495	52.259	nq	98
89) Benzo(k)fluoranthene	15.02	252	1596429	45.385	nq	99
90) Benzo(a)pyrene	15.34	252	1629513	48.825	nq	97
91) Dibenzo(a,h)anthracene	16.83	278	1445151	51.599	nq	100
92) Benzo(g,h,i)perylene	17.24	276	1503483	53.420	nq	99

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



#1

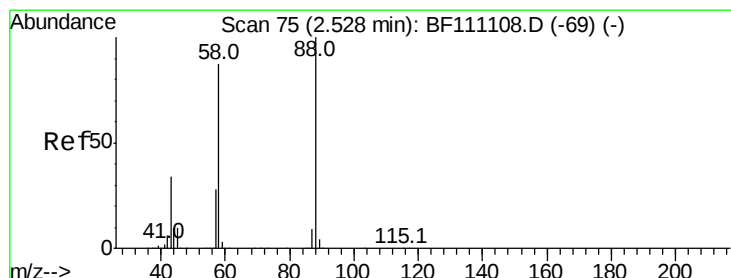
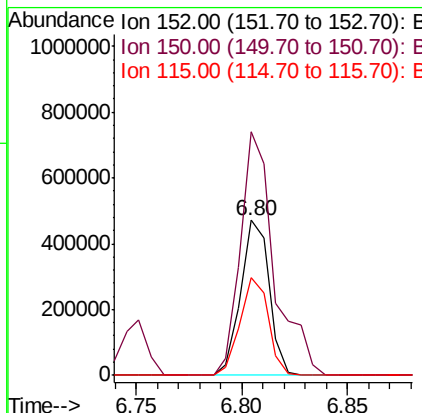
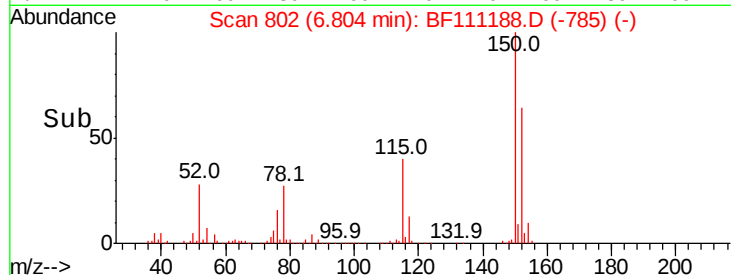
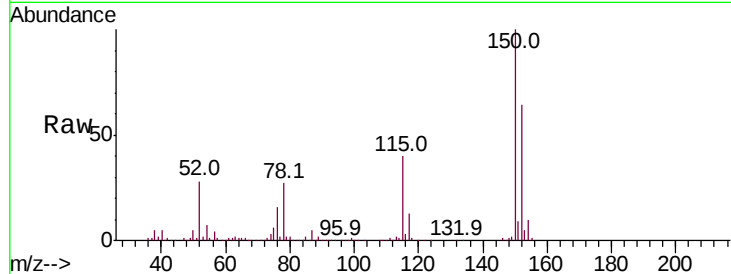
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	187.0
115	63.1	52.2	78.2

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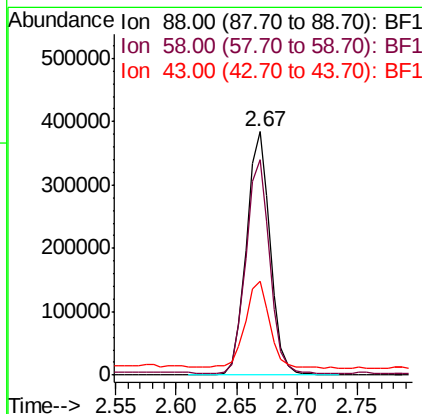
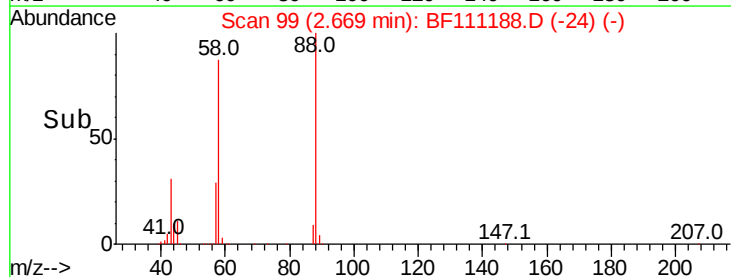
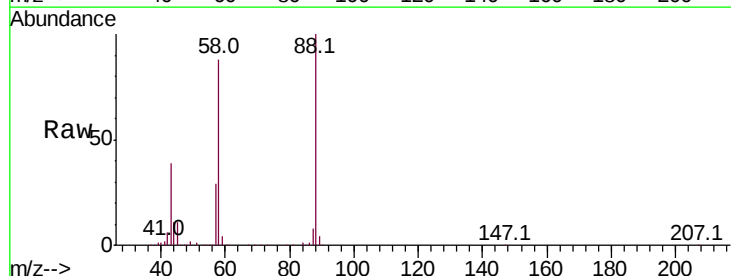
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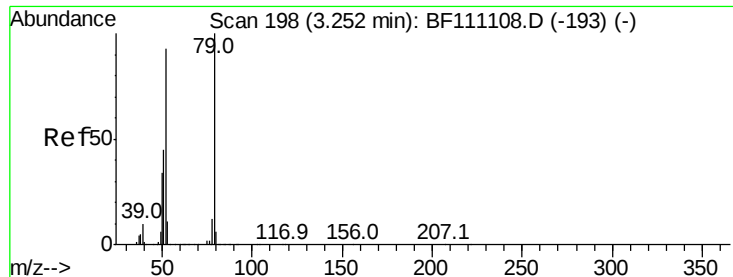


#2

1,4-Dioxane
Concen: 32.679 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.14 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.5	70.8	106.2
43	35.7	28.3	42.5





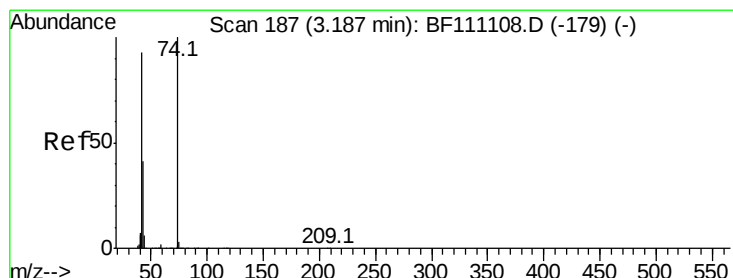
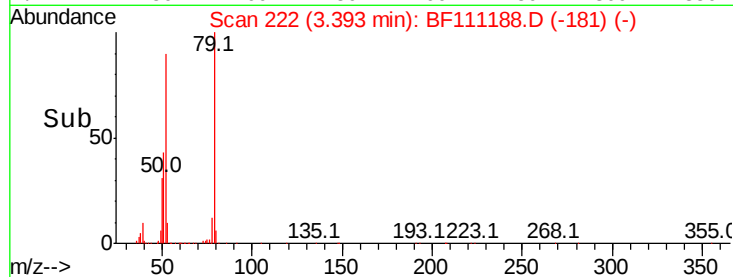
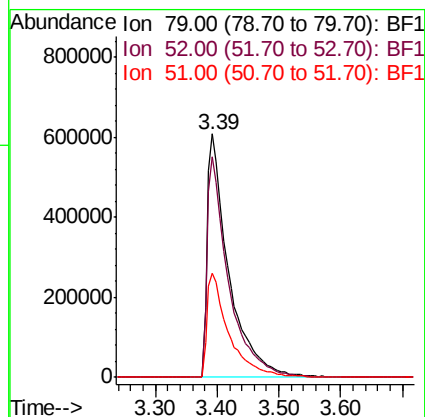
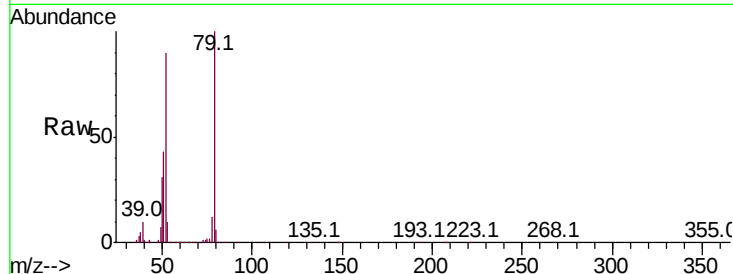
#3
 Pvridine
 Concen: 40.749 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.14 min
 Lab File: BF111188.D
 Acq: 7 Dec 2018 15:48

Instrument :
 BNA_F
 ClientSampleId :
 PB115194BS

Tot Ion: 79 Resp: 1463675
 Ion Ratio Lower Upper
 79 100
 52 90.4 74.7 112.1
 51 43.0 35.9 53.9

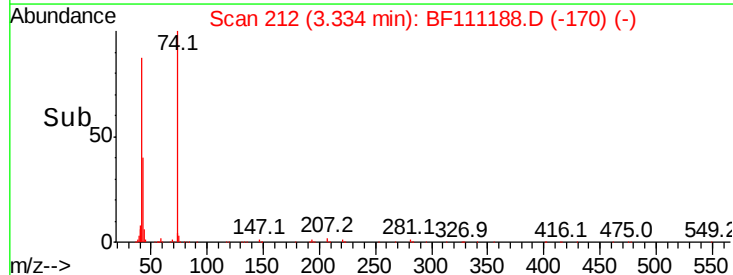
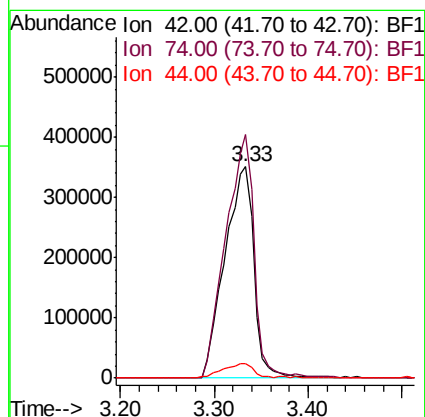
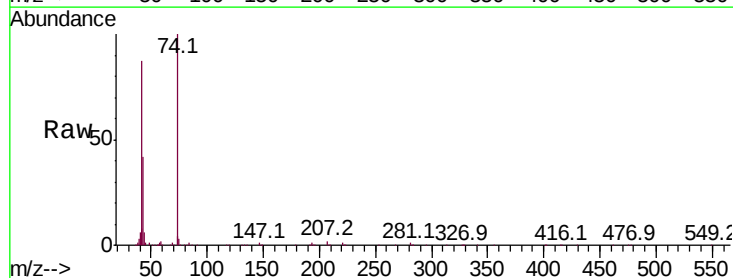
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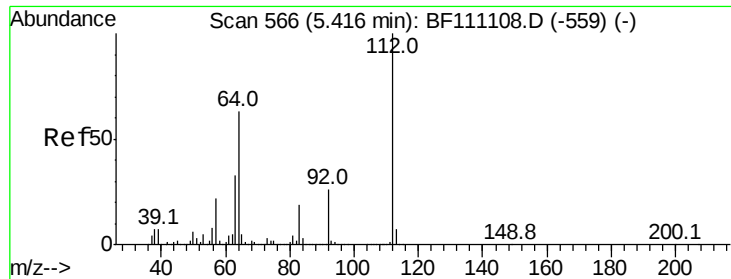
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#4
 n-Nitrosodimethylamine
 Concen: 42.507 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.15 min
 Lab File: BF111188.D
 Acq: 7 Dec 2018 15:48

Tgt Ion: 42 Resp: 751759
 Ion Ratio Lower Upper
 42 100
 74 115.1 86.2 129.2
 44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 114.370 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Instrument :

BNA_F

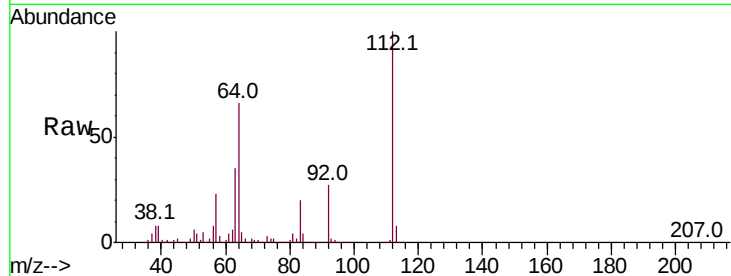
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PB115194BS

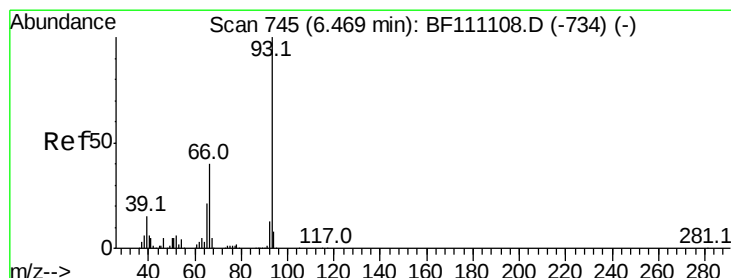
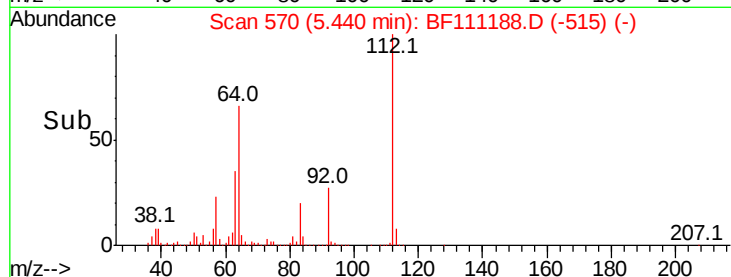
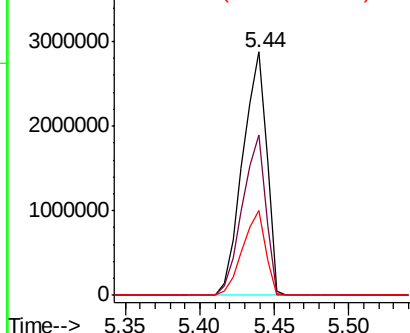
Tot Ion:	112	Resp:	3220272
Ion	Ratio	Lower	Upper
112	100		
64	65.8	50.2	75.4
63	35.1	26.6	39.8

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.481 ng

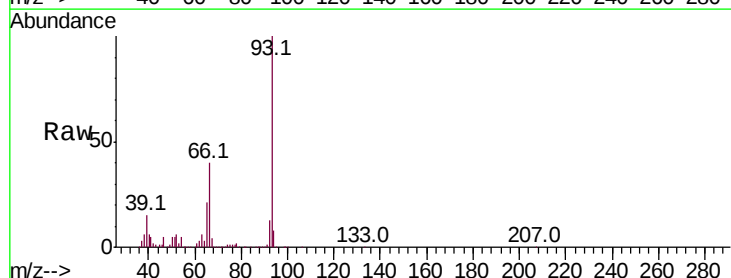
RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

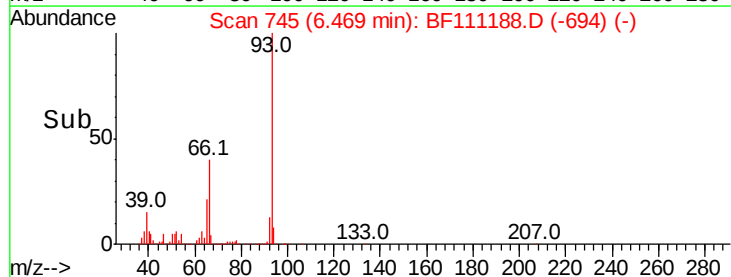
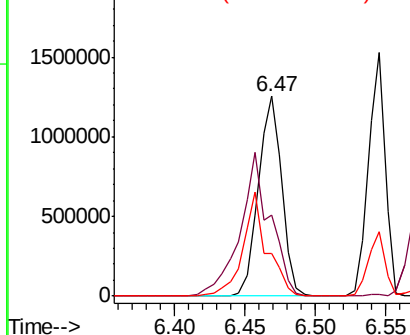
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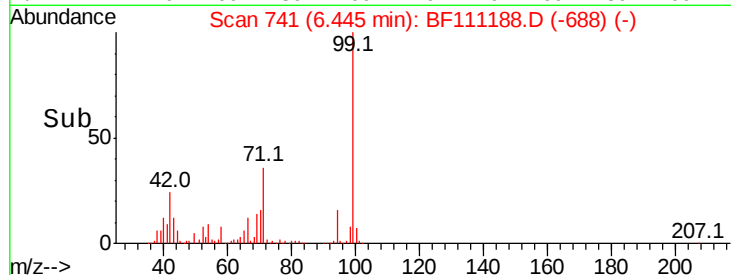
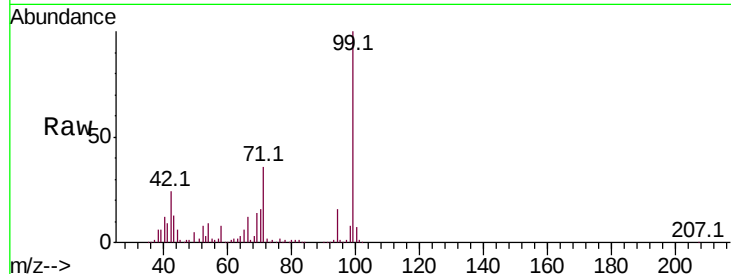
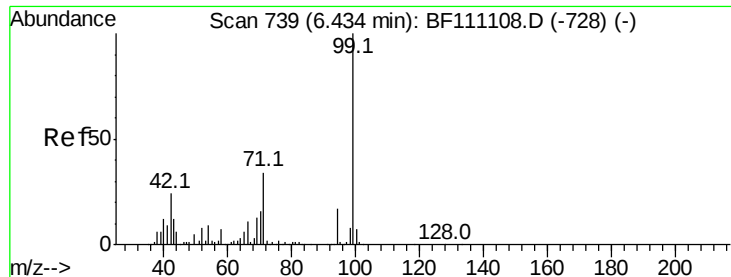
Acq: 7 Dec 2018 15:48

Tgt Ion:	93	Resp:	1477062
Ion	Ratio	Lower	Upper
93	100		
66	40.3	31.8	47.8
65	21.4	16.6	24.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.680 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Tot Ion: 99 Resp: 4086961

Ion Ratio Lower Upper

99 100

42 24.0 19.3 28.9

71 35.5 27.4 41.2

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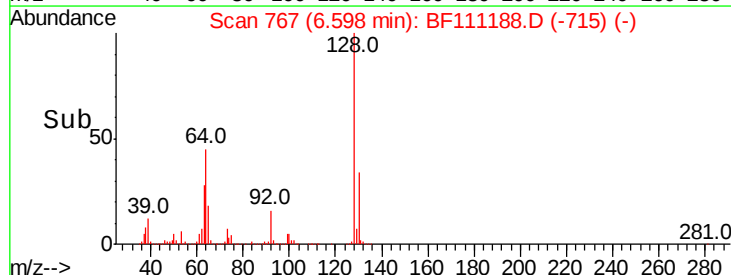
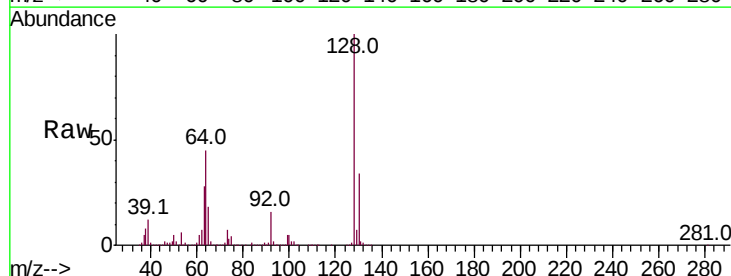
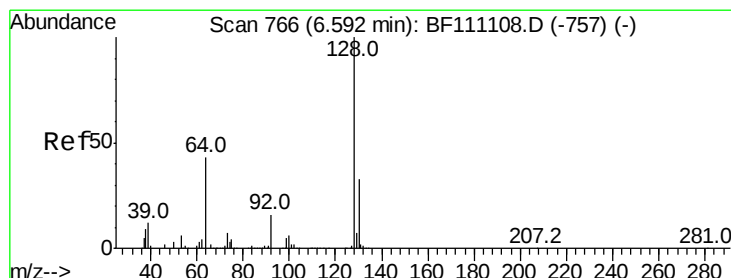
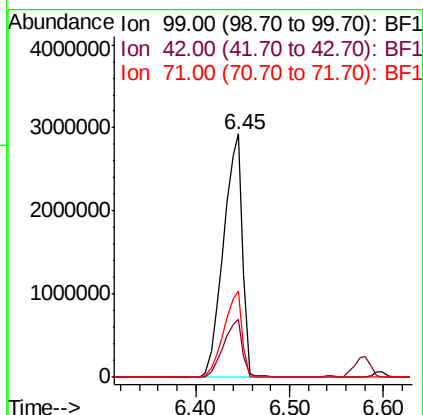
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#8

2-Chlorophenol

Concen: 40.281 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

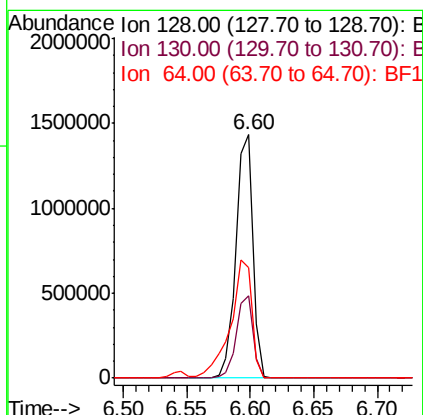
Tgt Ion:128 Resp: 1307271

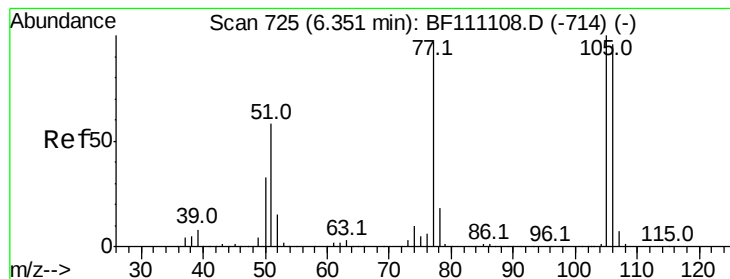
Ion Ratio Lower Upper

128 100

130 34.0 12.8 52.8

64 45.5 26.6 66.6





#9

Benzaldehyde

Concen: 24.309 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Instrument :

BNA_F

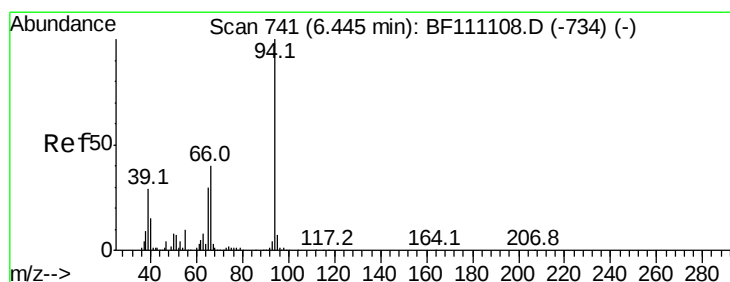
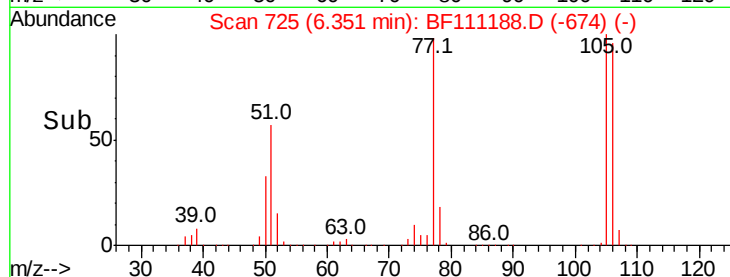
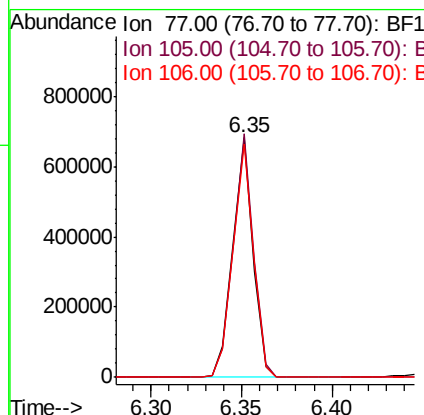
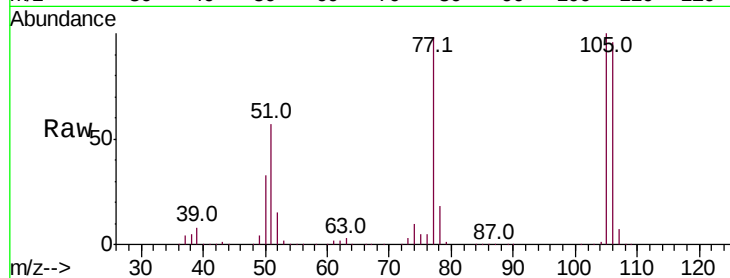
ClientSampleId :

PB115194BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.8	83.1	123.1
106	97.8	79.0	119.0

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#10

Phenol

Concen: 40.002 ng

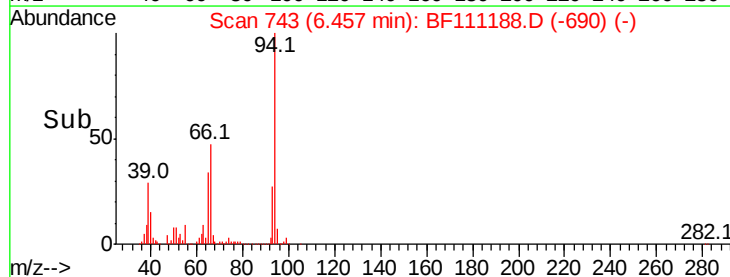
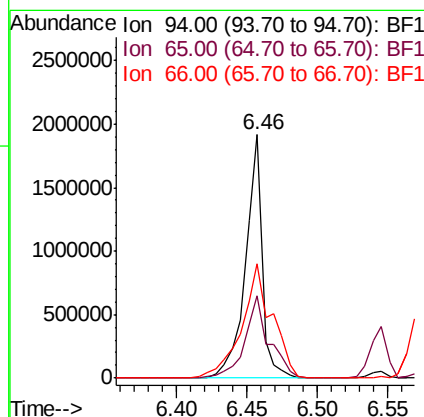
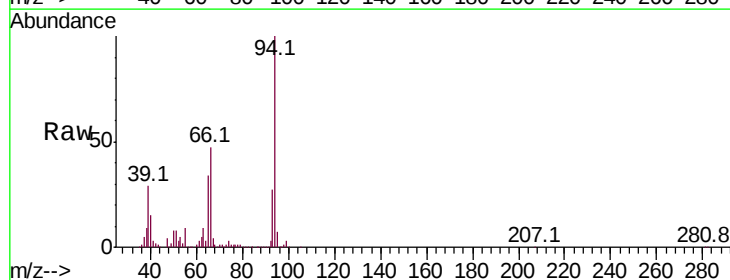
RT: 6.46 min Scan# 743

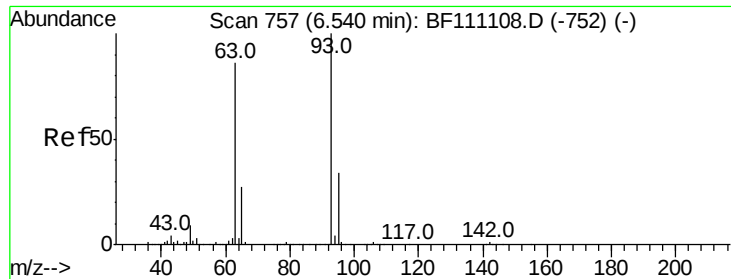
Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.9	10.5	50.5
66	47.2	19.8	59.8





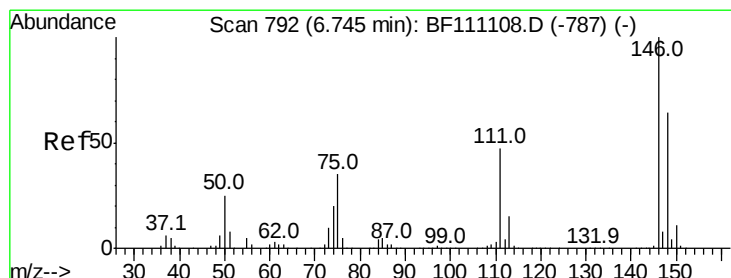
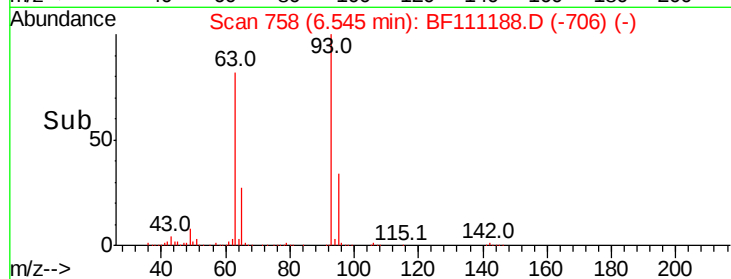
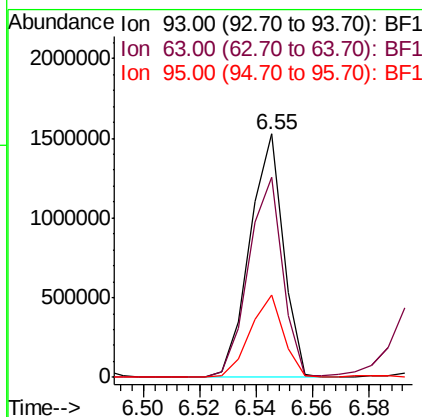
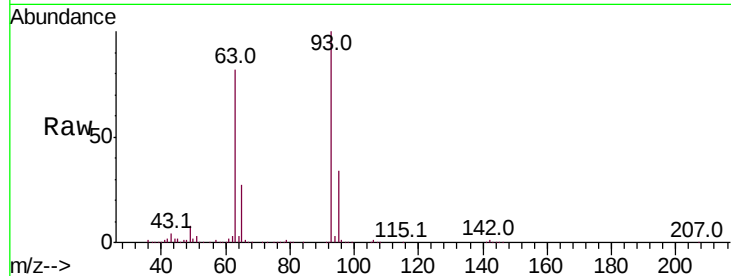
#11
bis(2-Chloroethyl)ether
Concen: 38.688 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion: 93 Resp: 1250523
Ion Ratio Lower Upper
93 100
63 81.9 66.0 106.0
95 33.6 14.3 54.3

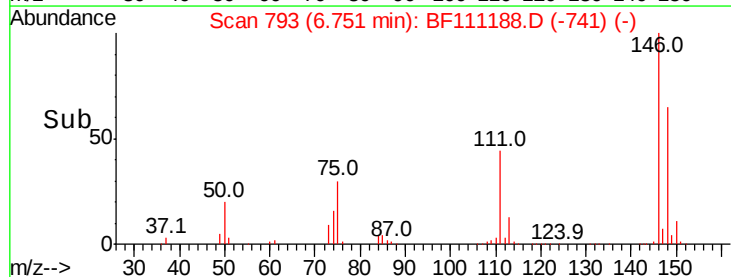
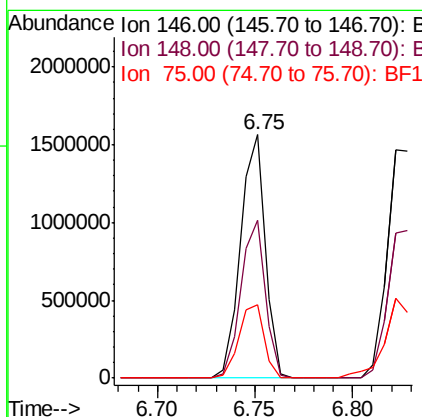
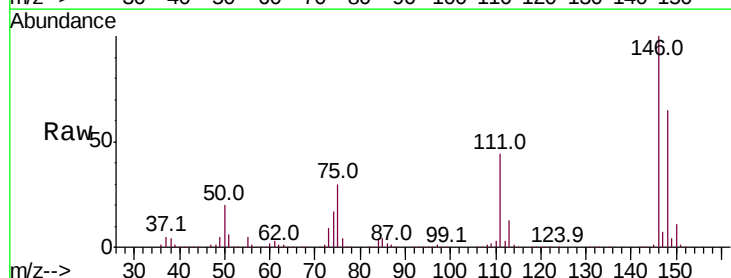
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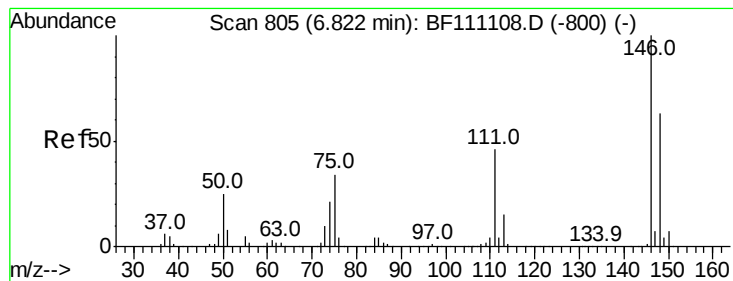
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.699 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion:146 Resp: 1370216
Ion Ratio Lower Upper
146 100
148 64.6 51.3 76.9
75 30.1 27.7 41.5





#13

1,4-Dichlorobenzene

Concen: 39.715 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Instrument :

BNA_F

ClientSampleId :

PB115194BS

Tot Ion:146 Resp: 1379469

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

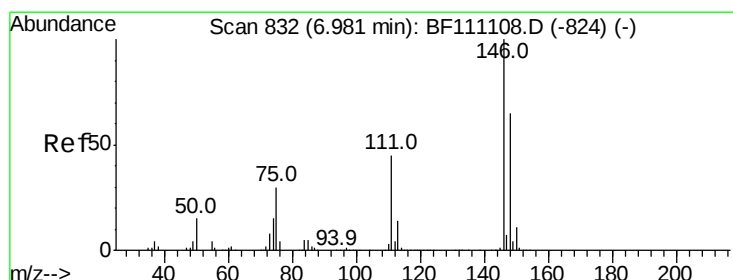
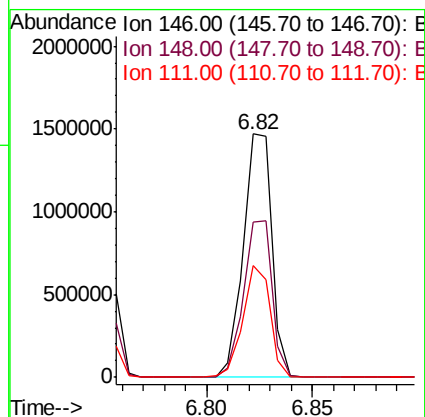
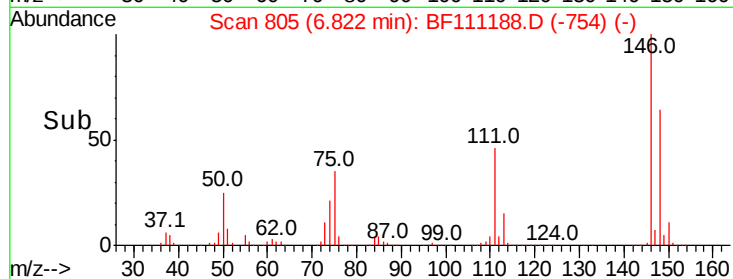
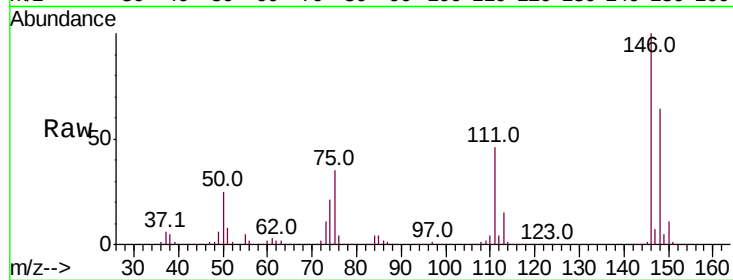
111 45.8 36.6 55.0

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#14

1,2-Dichlorobenzene

Concen: 39.955 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

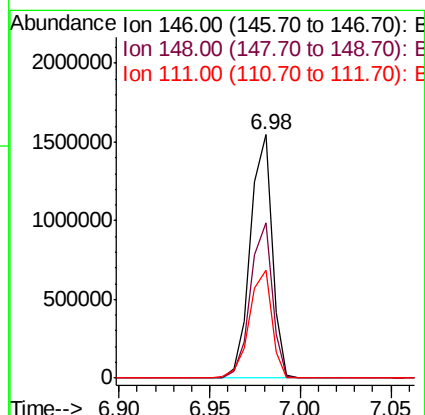
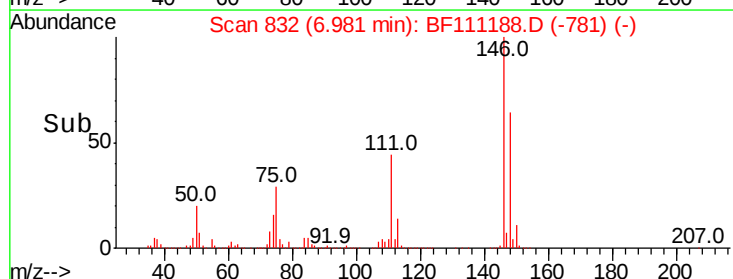
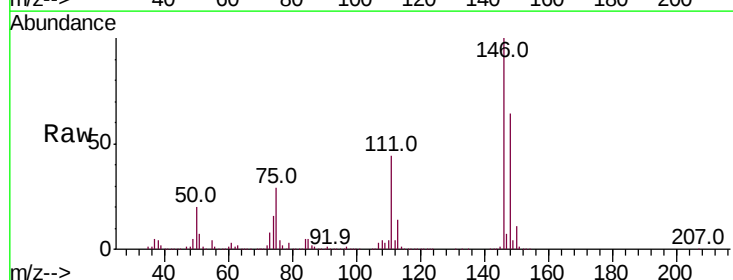
Tgt Ion:146 Resp: 1290960

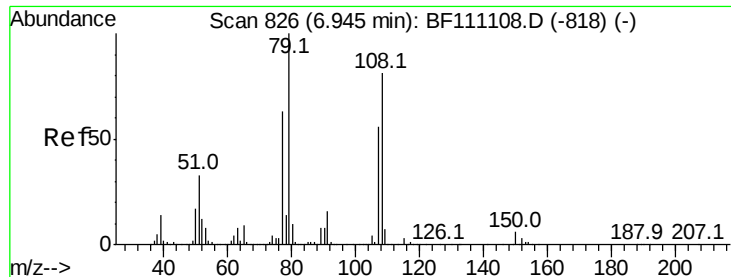
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

111 44.3 35.7 53.5





#15

Benzyl Alcohol

Concen: 39.017 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Instrument :

BNA_F

ClientSampleId :

PB115194BS

Tot Ion: 79 Resp: 1121290

Ion Ratio Lower Upper

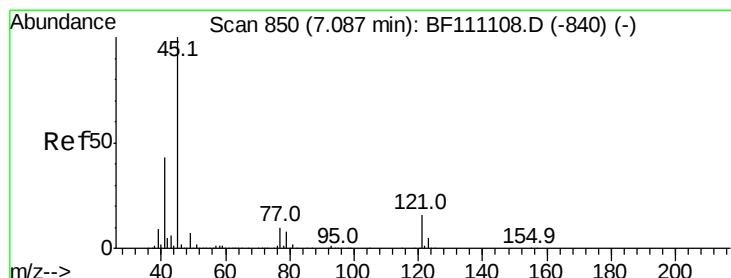
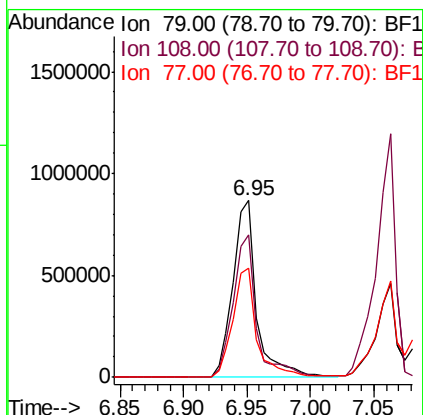
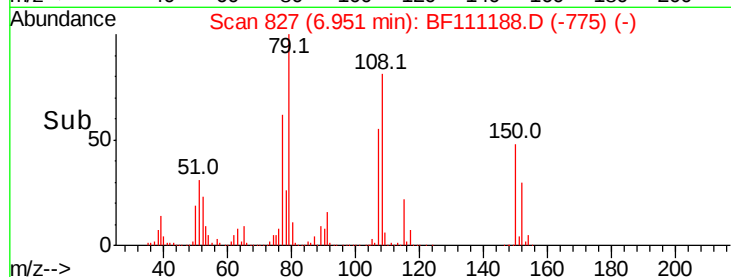
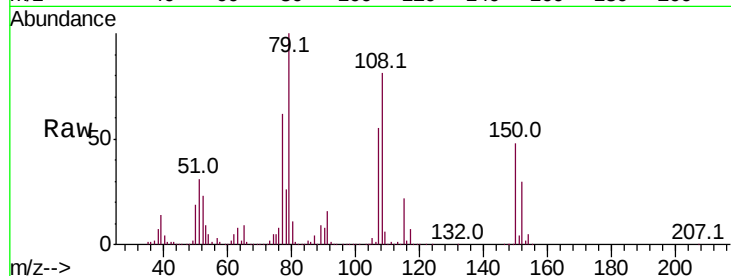
79 100

108 80.8 64.5 96.7

77 61.6 50.5 75.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.426 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

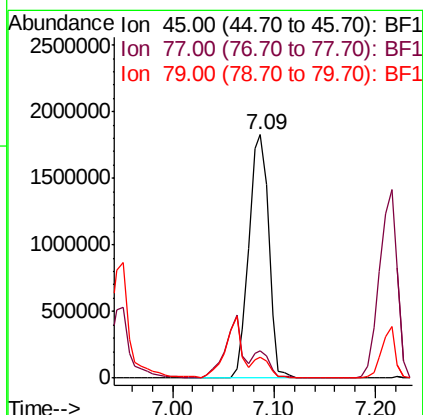
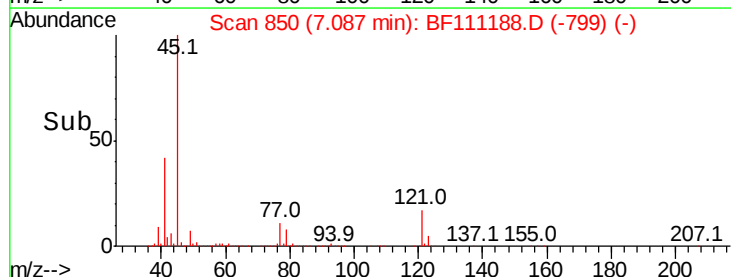
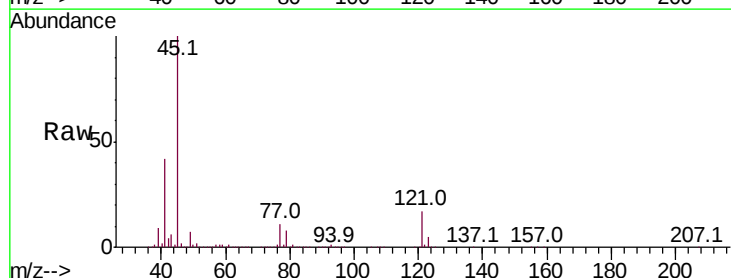
Tgt Ion: 45 Resp: 2478957

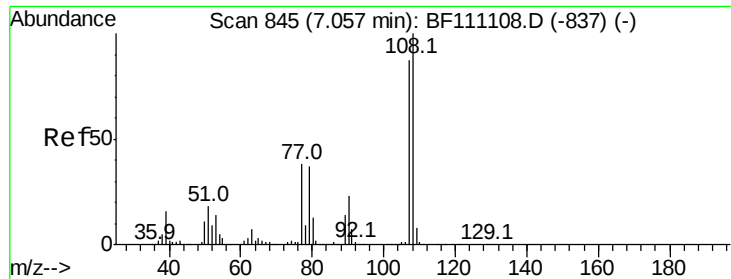
Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.6

79 8.5 0.0 28.4





#17

2-Methylphenol

Concen: 40.706 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Instrument :

BNA_F

ClientSampleId :

PB115194BS

Tot Ion:107 Resp: 1084422

Ion Ratio Lower Upper

107 100

108 112.6 91.8 137.8

77 44.4 34.7 52.1

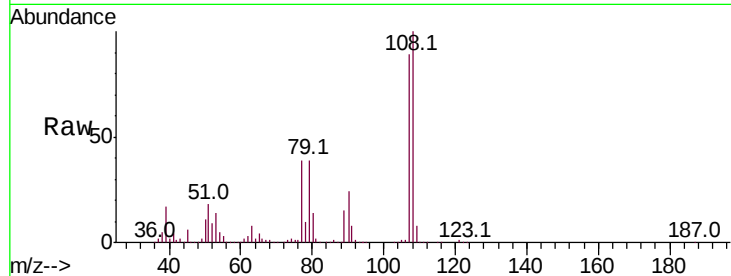
79 43.5 34.2 51.2

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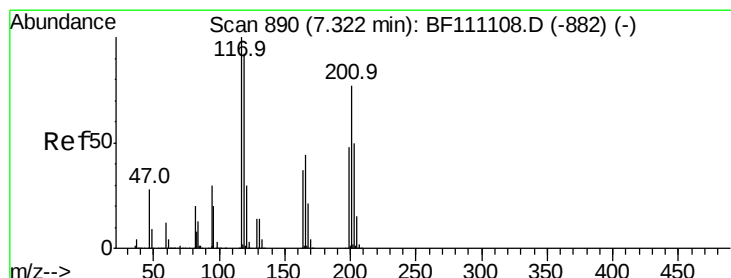
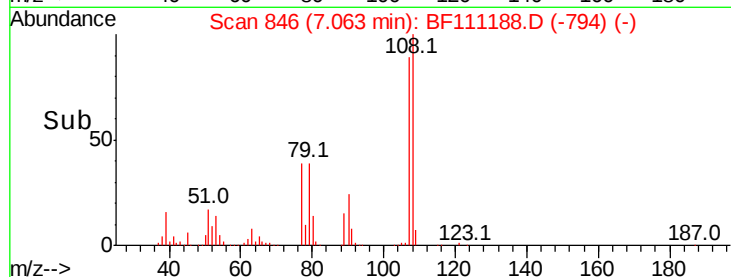
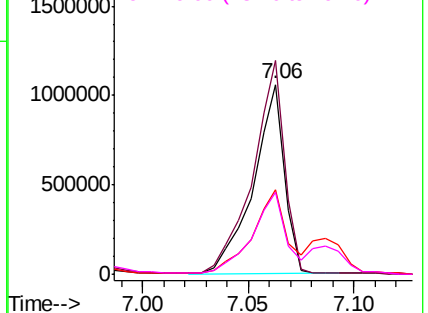
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.532 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

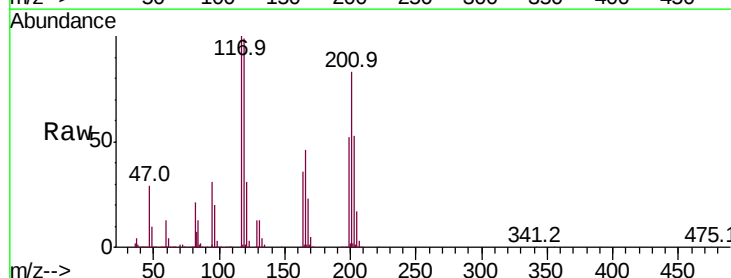
Tgt Ion:117 Resp: 528132

Ion Ratio Lower Upper

117 100

119 99.3 73.8 110.6

201 82.9 61.2 91.8

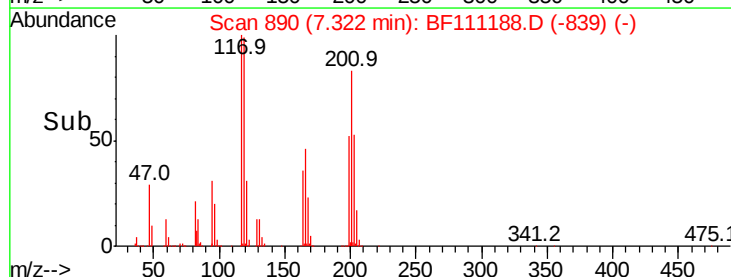
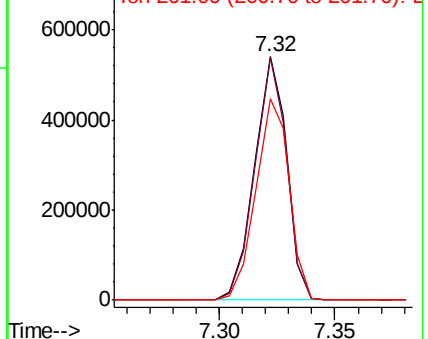


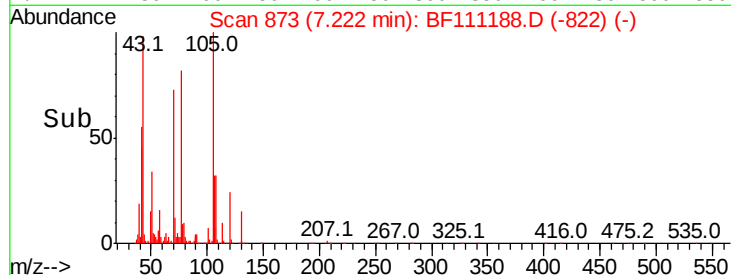
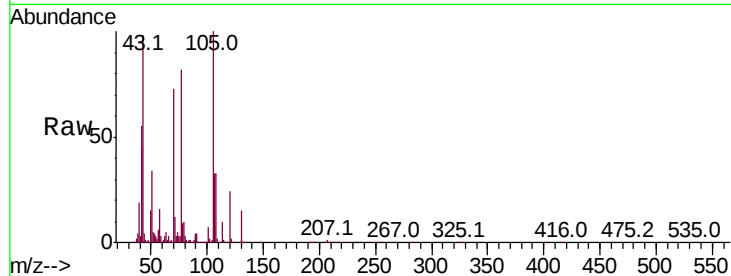
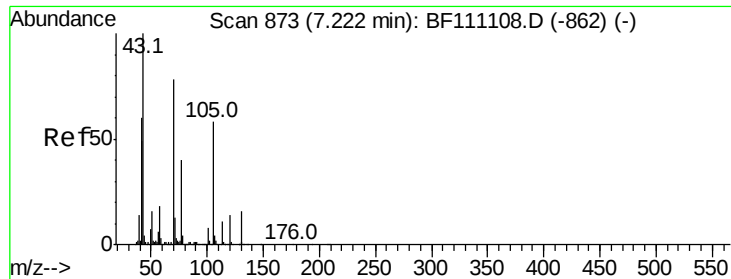
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





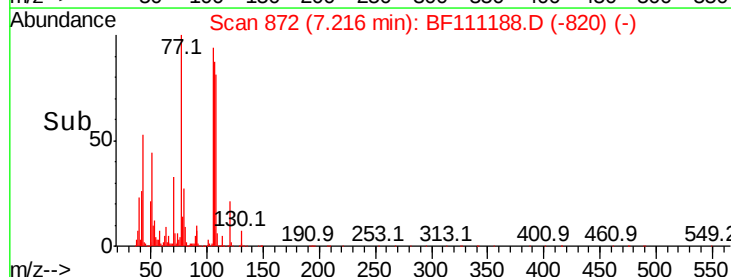
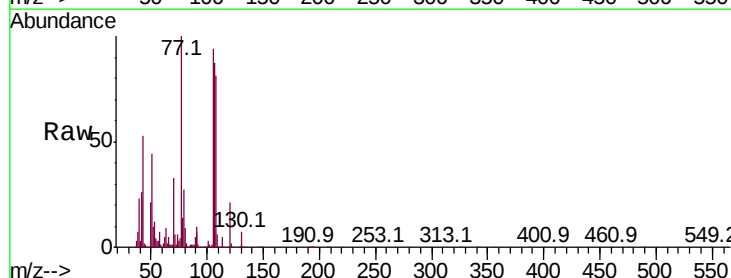
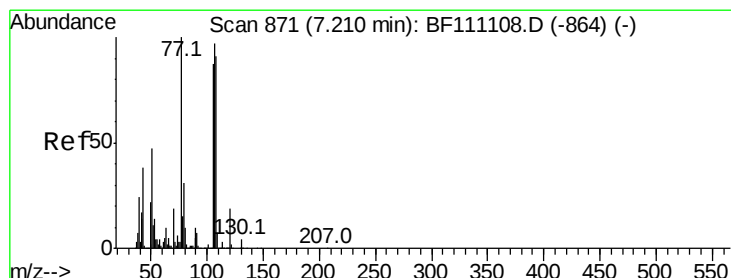
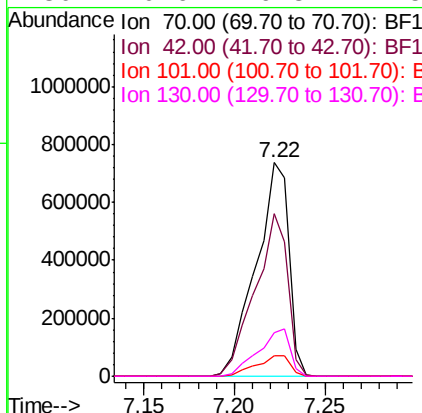
#19
n-Nitroso-di-n-propylamine
Concen: 38.025 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampled :
PB115194BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	76.0	61.3	91.9
101	9.6	7.7	11.5
130	20.6	16.3	24.5

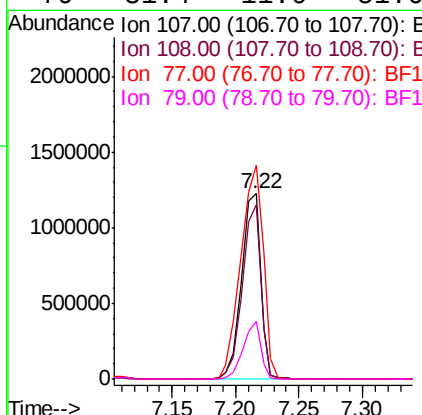
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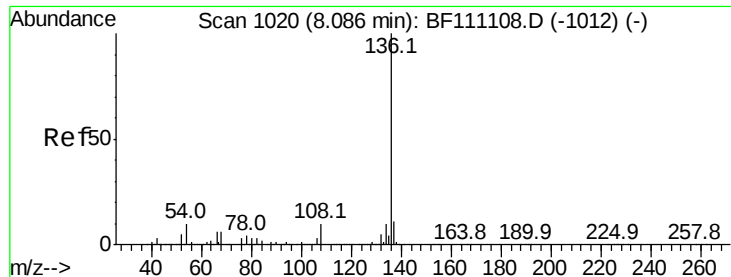
Sohil
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#20
3+4-Methylphenols
Concen: 39.256 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.8	74.0	114.0
77	115.4	83.2	123.2
79	31.4	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Instrument :

BNA_F

ClientSampleId :

PB115194BS

Tot Ion:136 Resp: 1751073

Ion Ratio Lower Upper

136 100

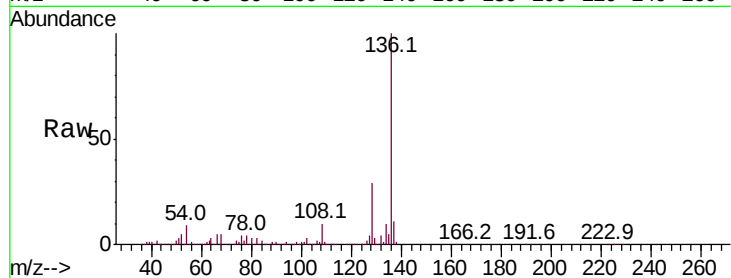
137 10.9 9.0 13.6

54 8.9 8.4 12.6

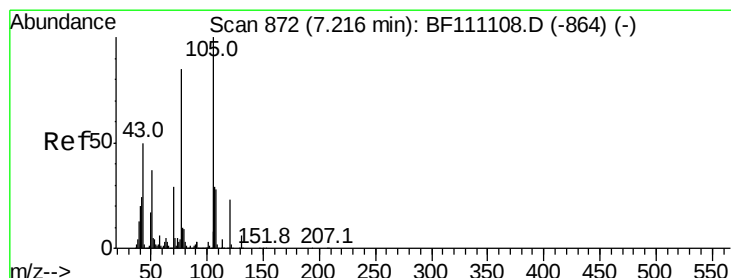
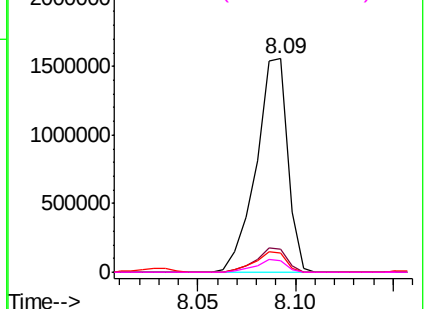
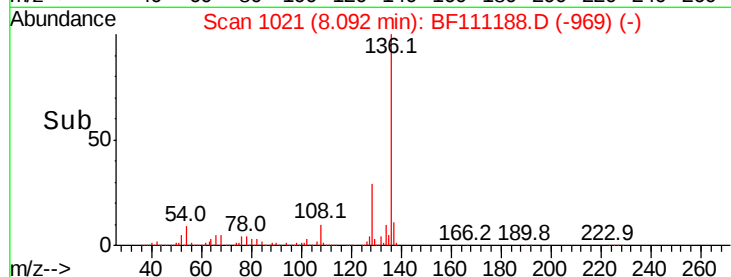
68 5.4 5.0 7.4

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.181 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Tgt Ion:105 Resp: 1742636

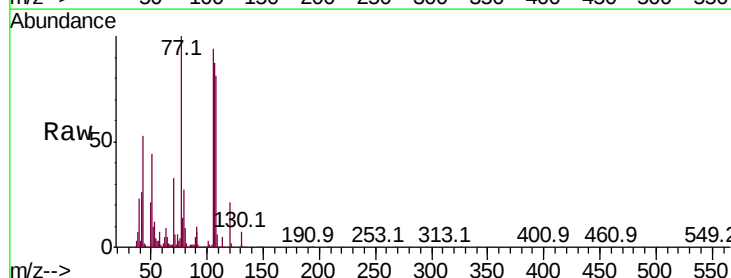
Ion Ratio Lower Upper

105 100

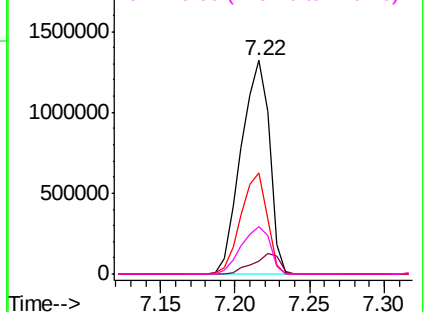
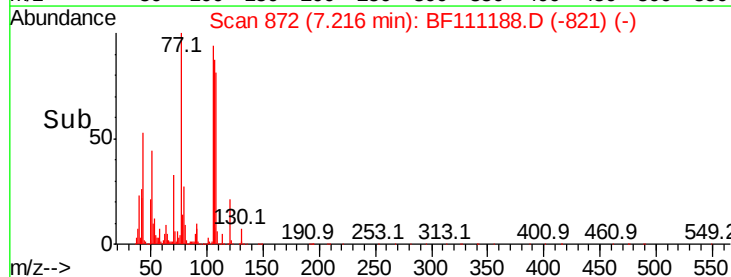
71 5.9 4.0 6.0

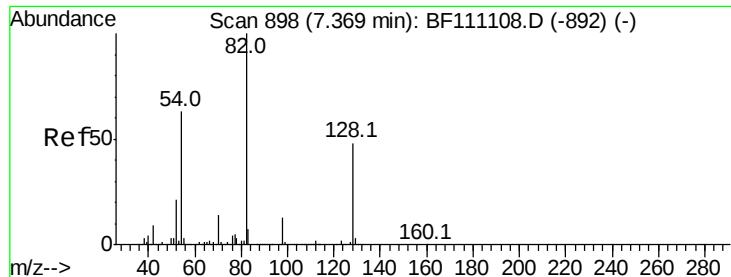
51 47.3 29.8 44.8#

120 22.3 18.7 28.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





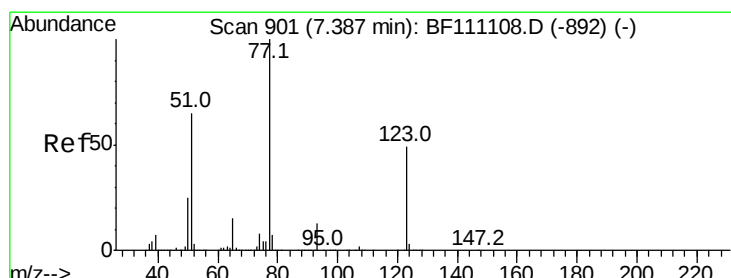
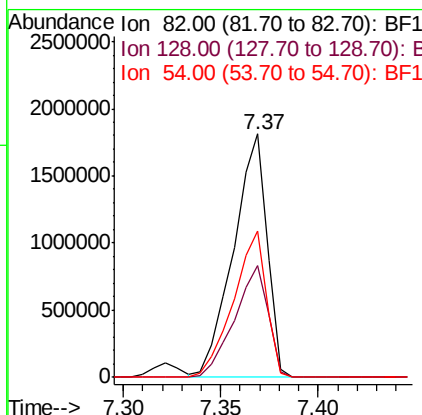
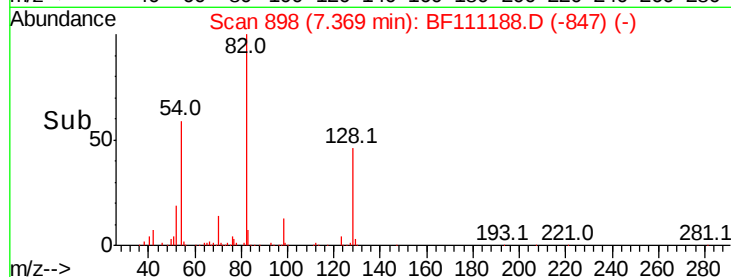
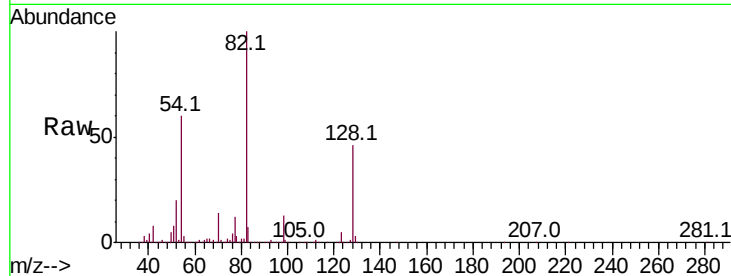
#23
Nitrobenzene-d5
Concen: 73.089 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion: 82 Resp: 2161776
Ion Ratio Lower Upper
82 100
128 45.7 38.1 57.1
54 60.0 50.3 75.5

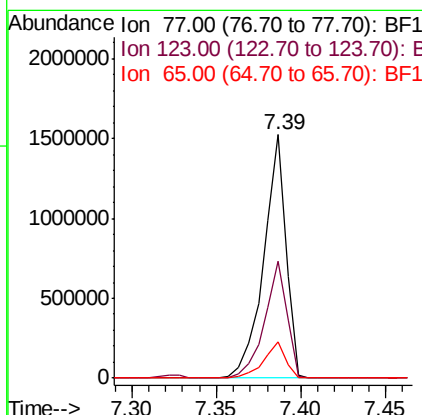
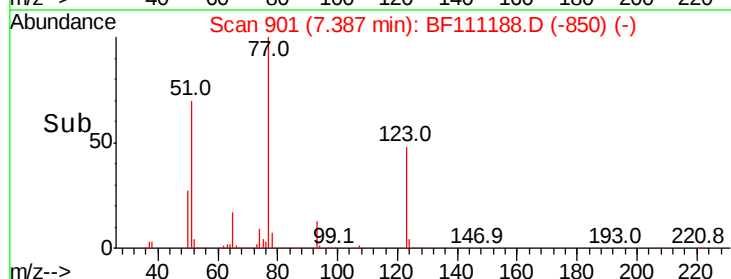
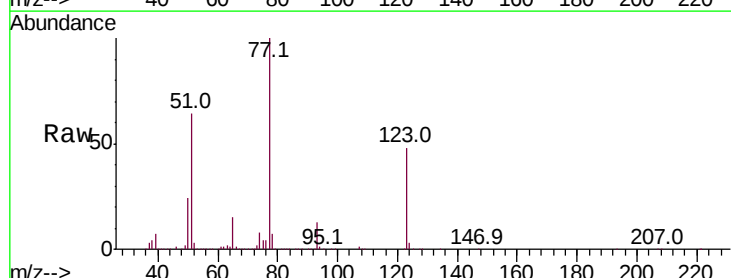
Manual Integrations
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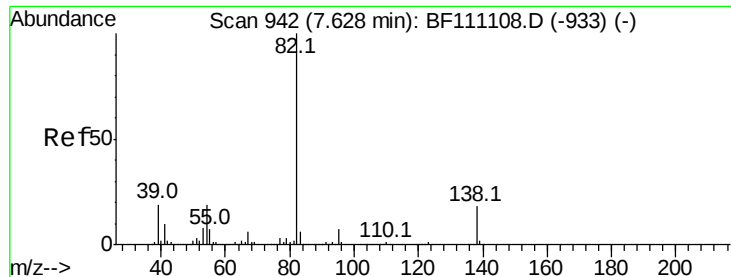
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#24
Nitrobenzene
Concen: 43.806 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion: 77 Resp: 1393908
Ion Ratio Lower Upper
77 100
123 48.0 39.5 59.3
65 14.8 11.8 17.6





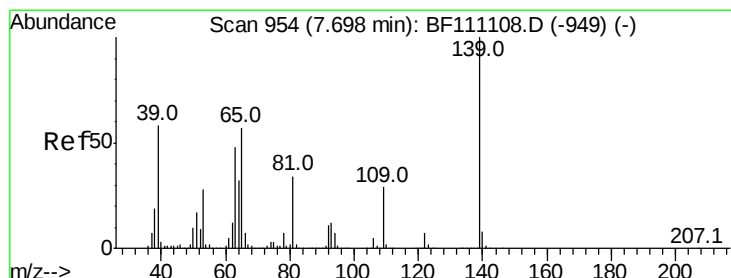
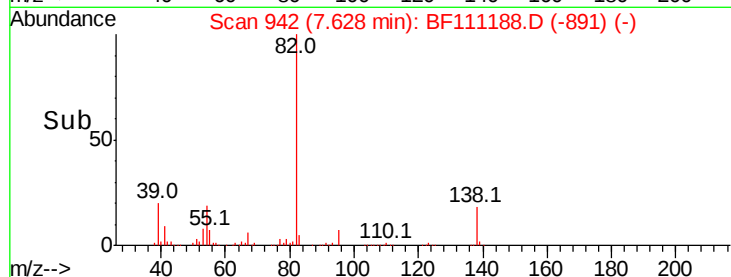
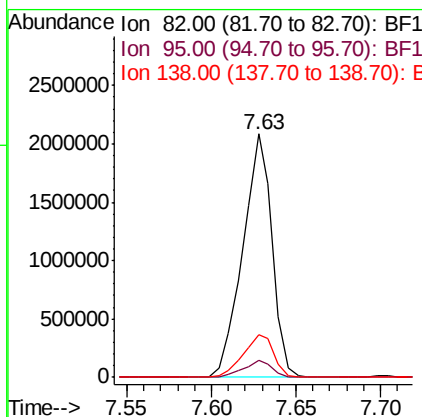
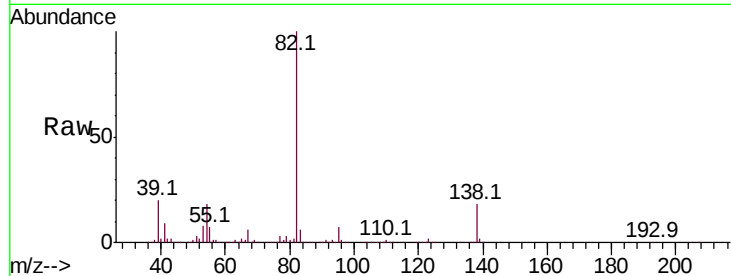
#25
Isophorone
Concen: 46.333 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion: 82 Resp: 2515008
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 17.7 14.6 22.0

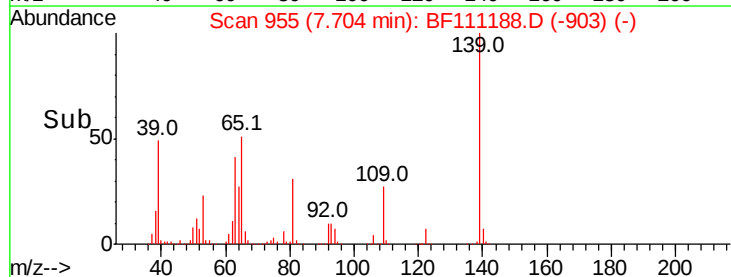
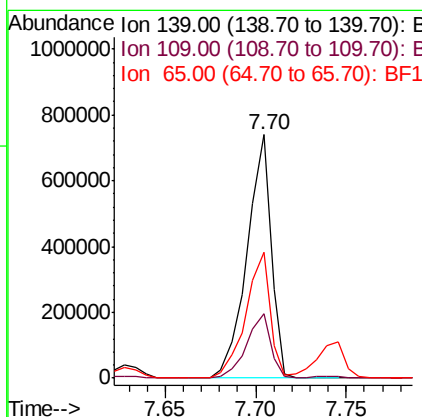
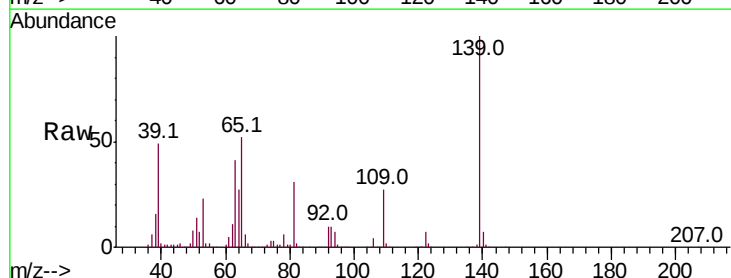
Manual Integrations
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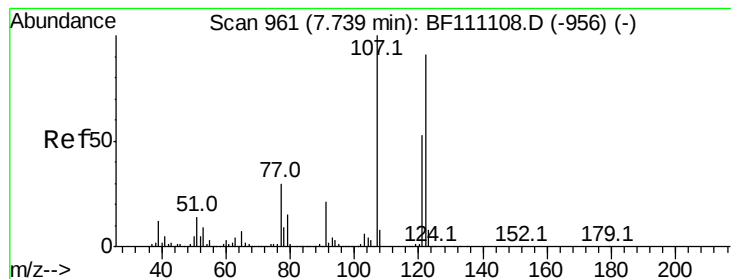
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12/11/2018 8:44:43 AM



#26
2-Nitrophenol
Concen: 51.094 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion: 139 Resp: 686958
Ion Ratio Lower Upper
139 100
109 26.6 23.1 34.7
65 51.8 45.9 68.9





#27
 2,4-Dimethylphenol
 Concen: 49.325 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF111188.D
 Acq: 7 Dec 2018 15:48

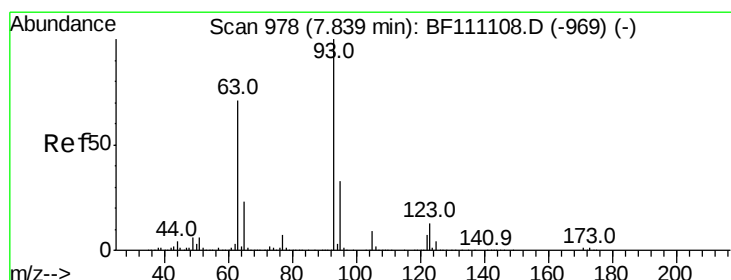
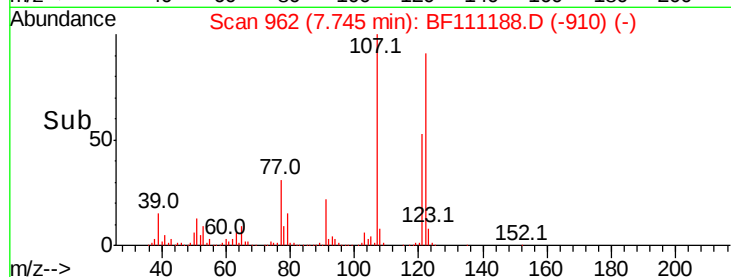
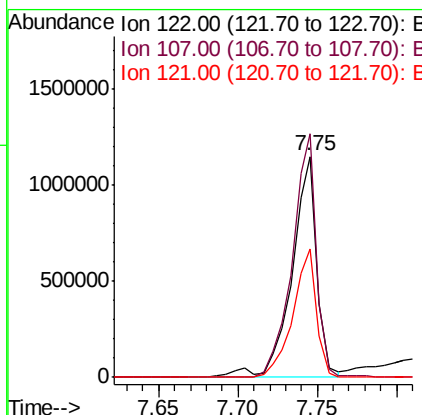
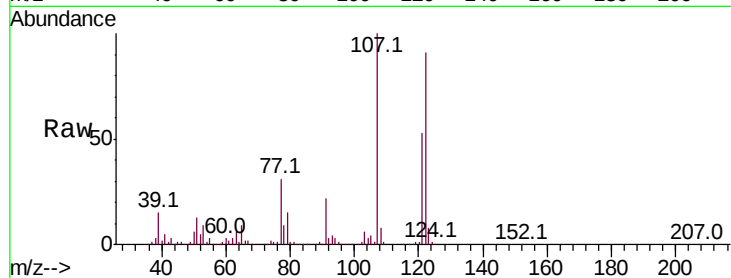
Instrument :
 BNA_F
 ClientSampleId :
 PB115194BS

Tot Ion:122 Resp: 1248968

Ion	Ratio	Lower	Upper
122	100		
107	110.2	87.4	131.0
121	58.2	45.9	68.9

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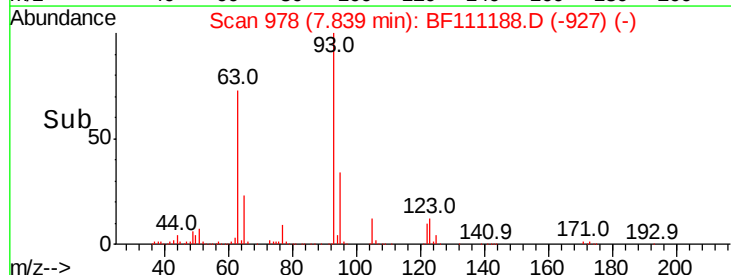
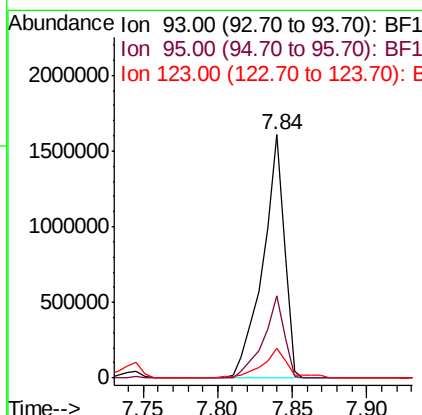
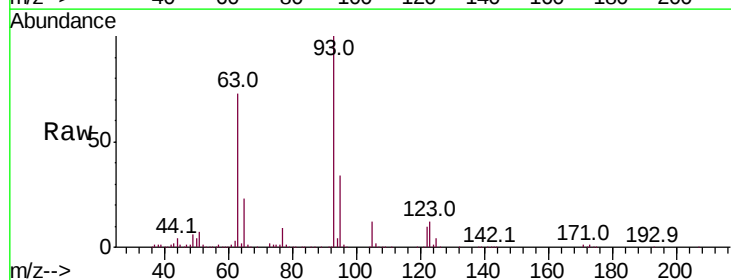
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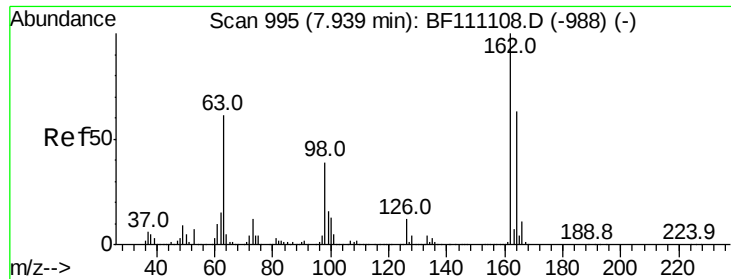


#28
 bis(2-Chloroethoxy)methane
 Concen: 43.339 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF111188.D
 Acq: 7 Dec 2018 15:48

Tgt Ion: 93 Resp: 1592569

Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.6	39.8
123	12.2	10.3	15.5





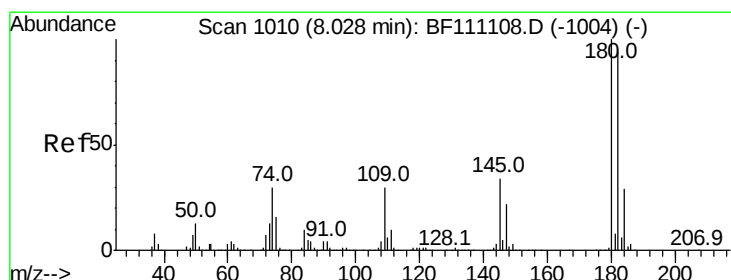
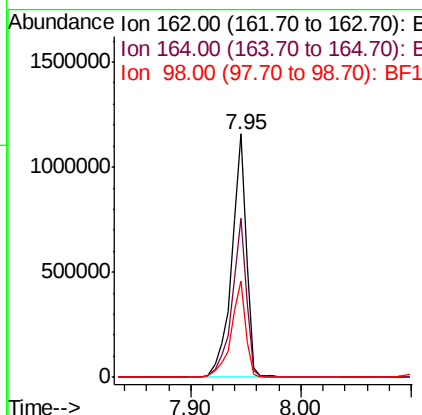
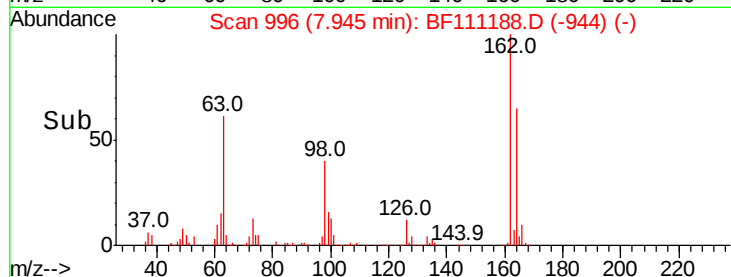
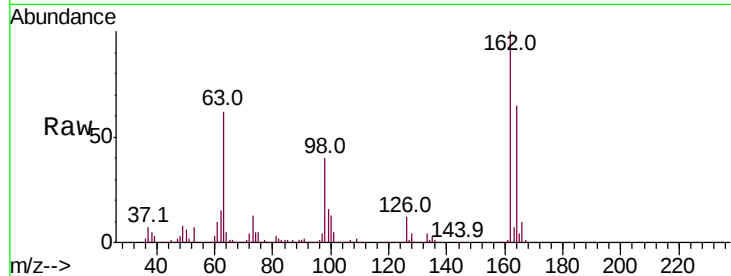
#29
2,4-Dichlorophenol
Concen: 43.468 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	43.3	83.3
98	39.7	18.9	58.9

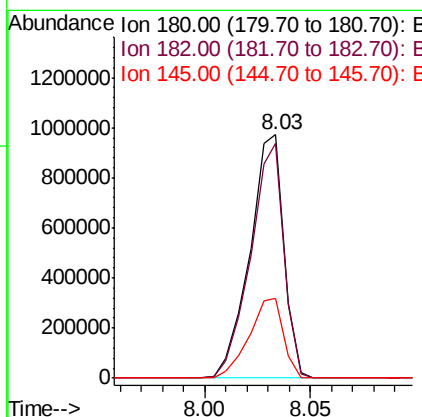
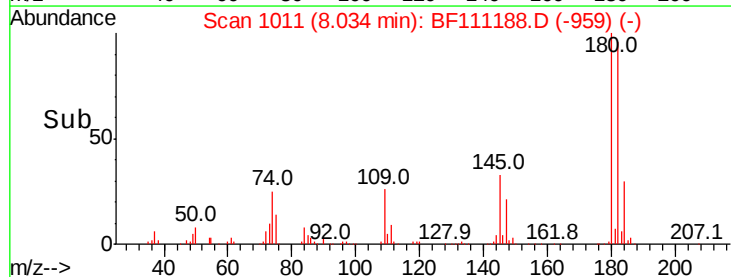
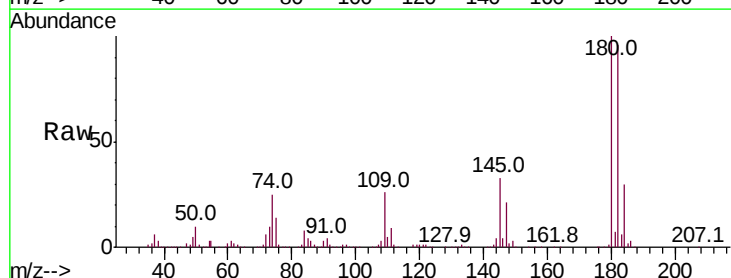
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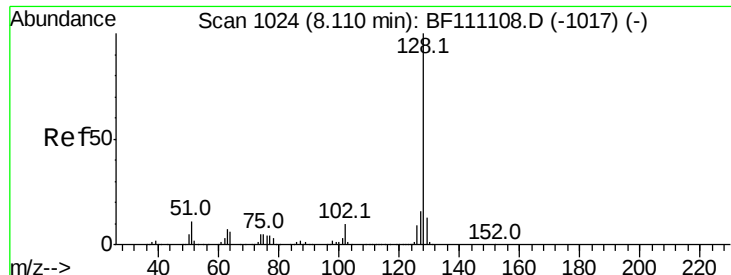
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#30
1,2,4-Trichlorobenzene
Concen: 43.338 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.1	112.7
145	32.9	27.6	41.4





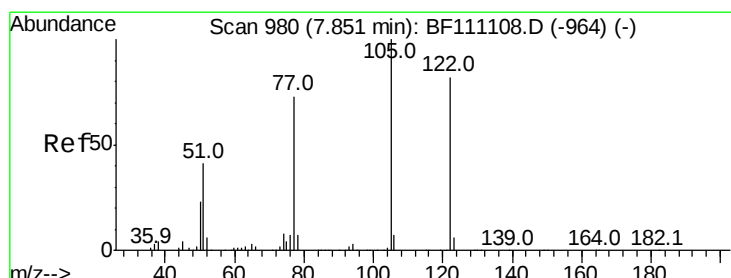
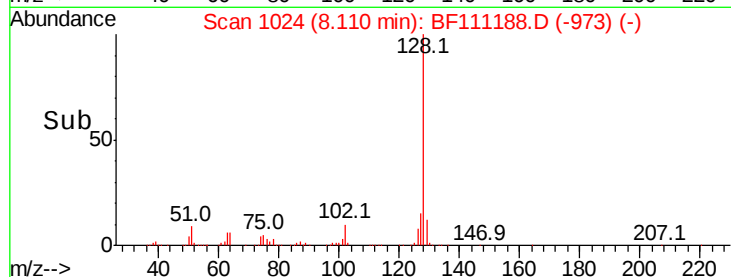
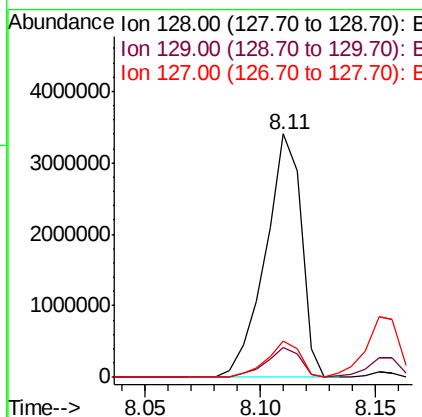
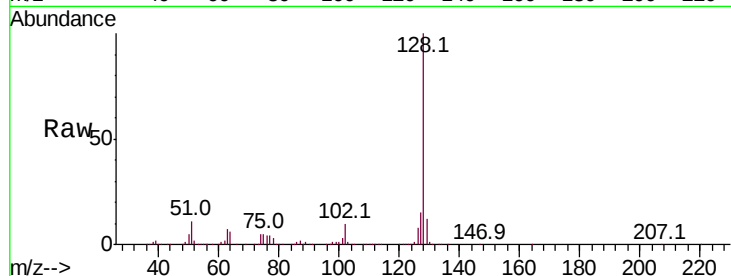
#31
Naphthalene
Concen: 48.221 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion:128 Resp: 3676321
Ion Ratio Lower Upper
128 100
129 12.5 10.5 15.7
127 14.8 12.5 18.7

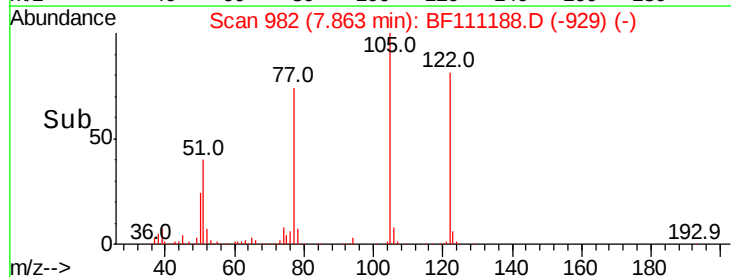
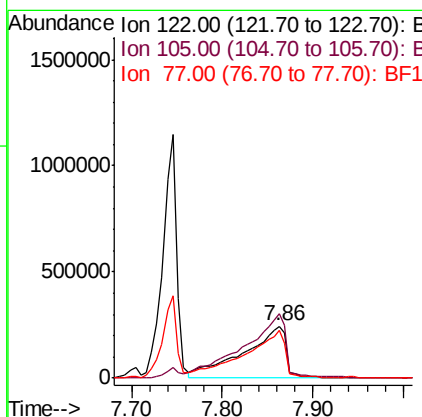
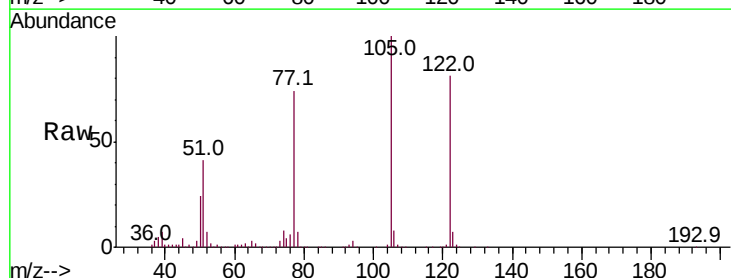
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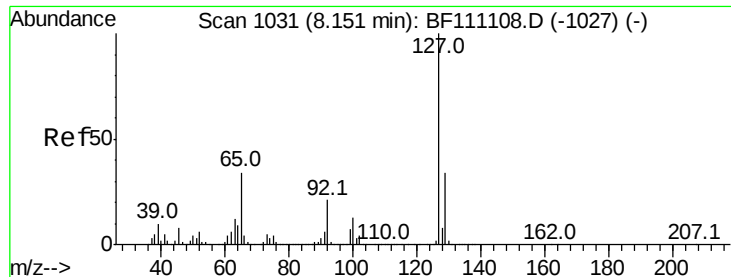
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#32
Benzoic acid
Concen: 47.363 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion:122 Resp: 790847
Ion Ratio Lower Upper
122 100
105 124.1 100.1 140.1
77 92.3 69.4 109.4





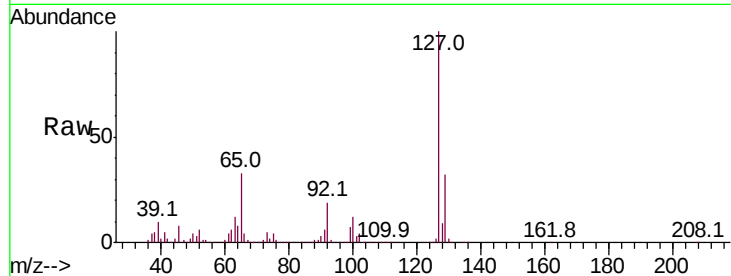
#33
4-Chloroaniline
Concen: 23.599 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	27.0	40.6	
65	32.5	27.2	40.8	
92	19.1	16.6	24.8	

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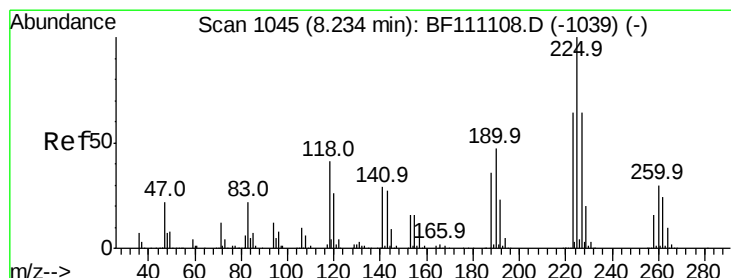
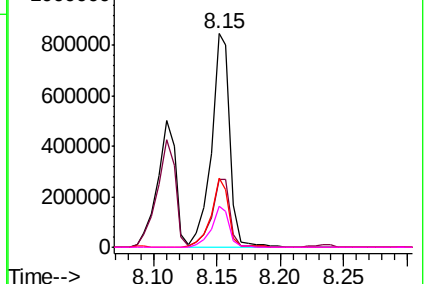
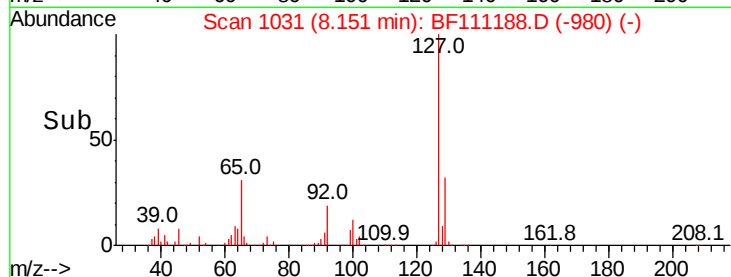
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

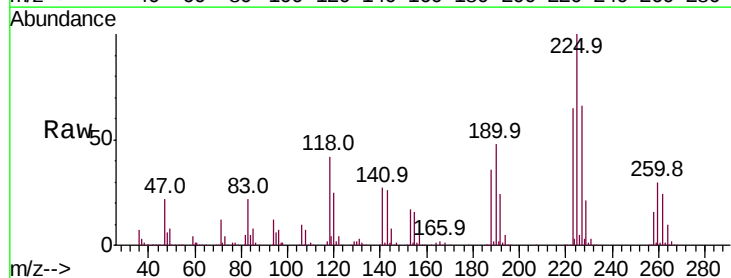
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.653 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.4	51.4	77.2	
227	65.7	51.0	76.4	

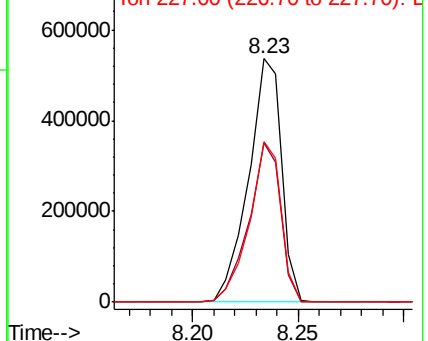
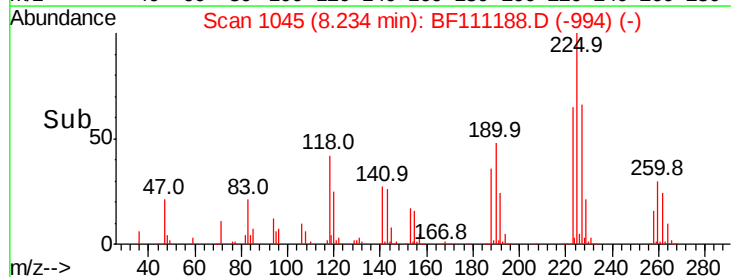


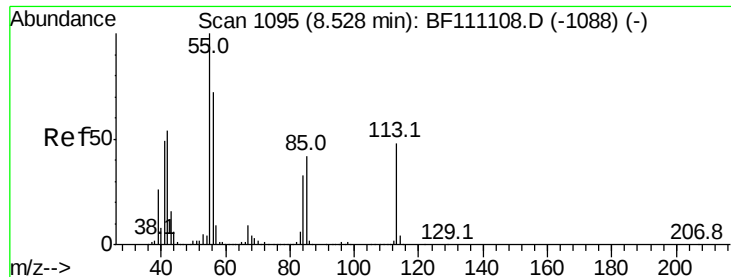
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





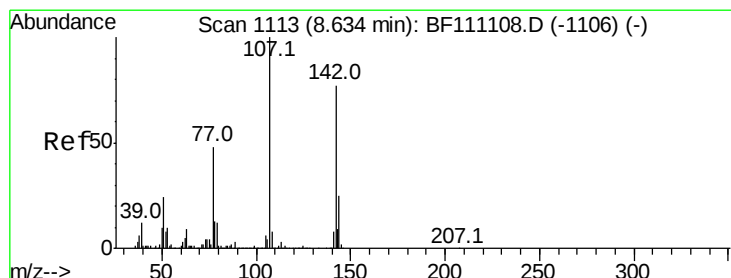
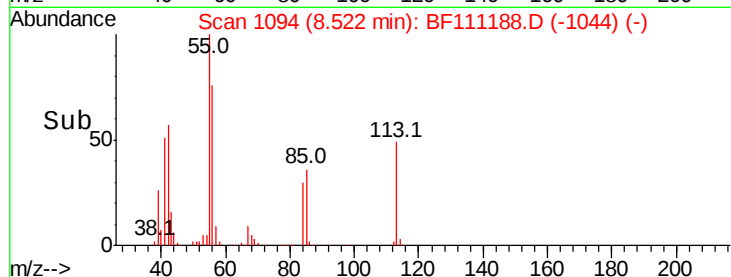
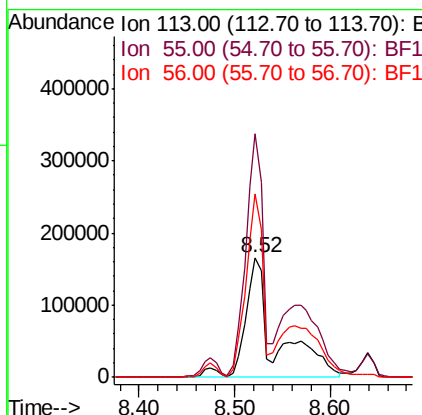
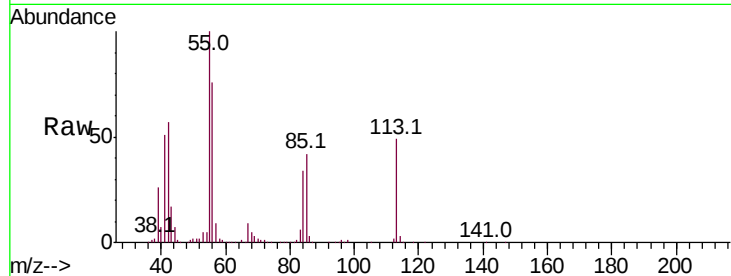
#35
Caprolactam
Concen: 39.846 ng/ml
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleID :
PB115194BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	202.9	190.6	230.6
56	153.3	130.9	170.9

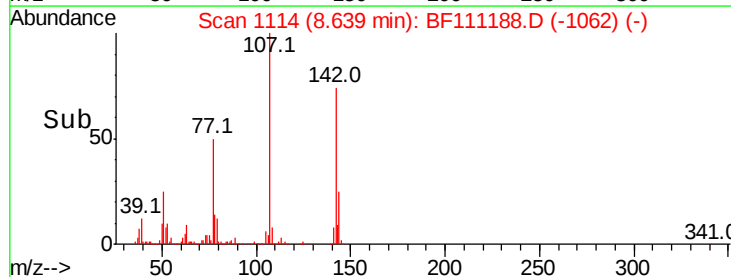
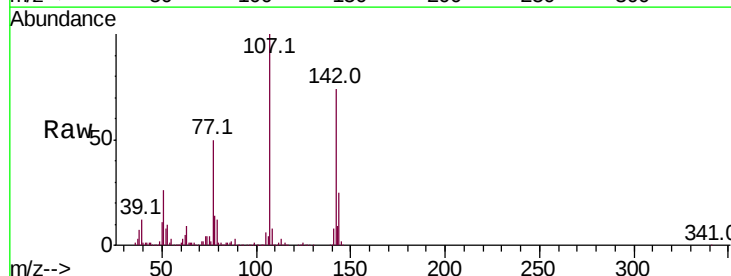
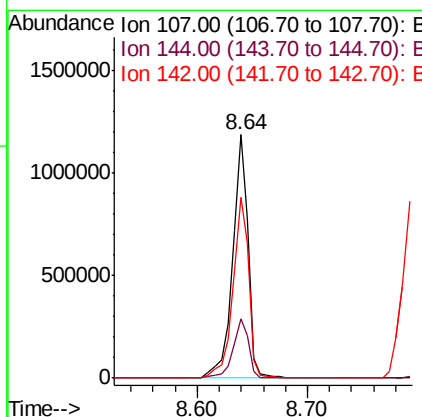
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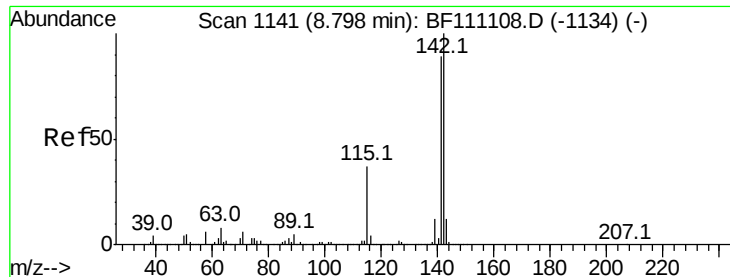
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#36
4-Chloro-3-methylphenol
Concen: 42.547 ng/ml
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.9	29.9
142	74.4	61.4	92.0





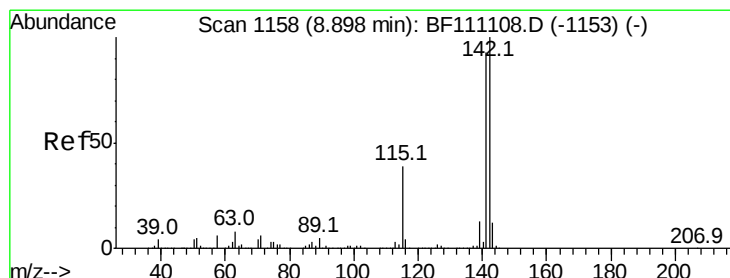
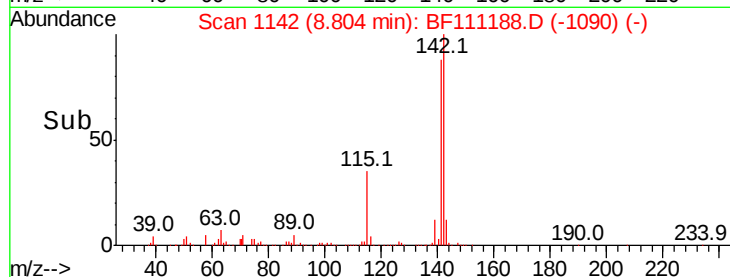
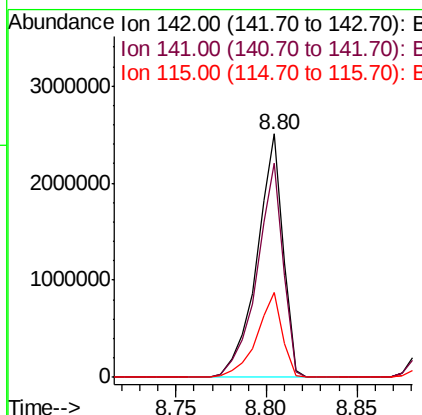
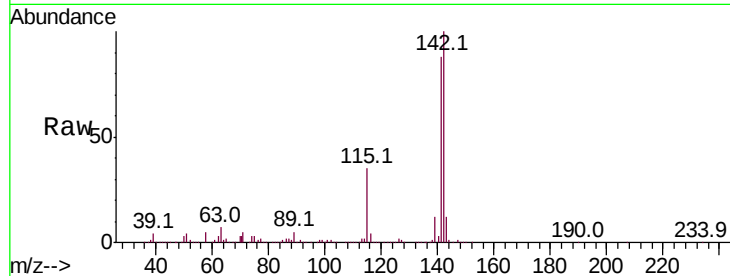
#37
2-Methylnaphthalene
Concen: 47.789 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.0
115	35.1	29.2	43.8

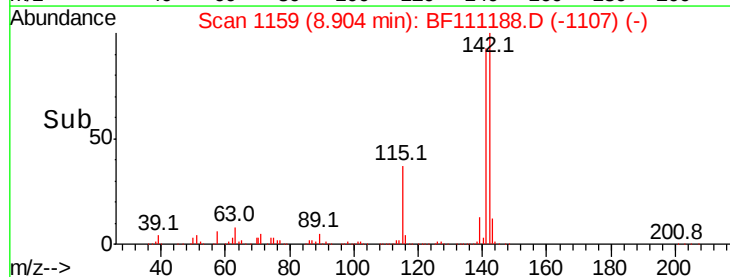
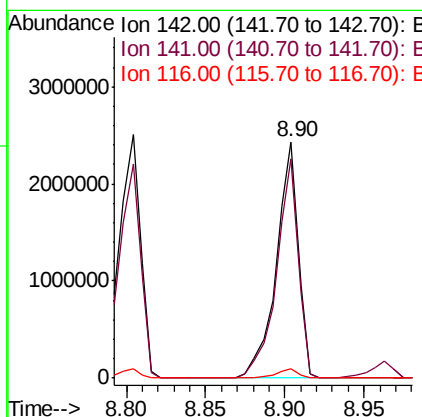
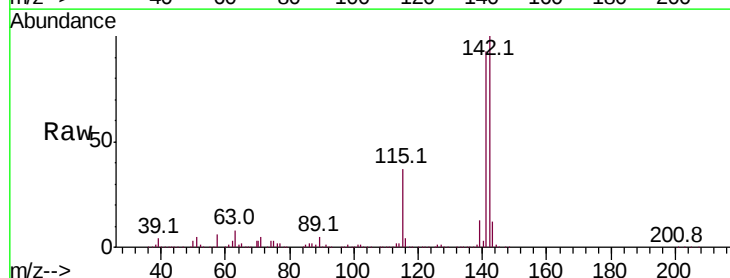
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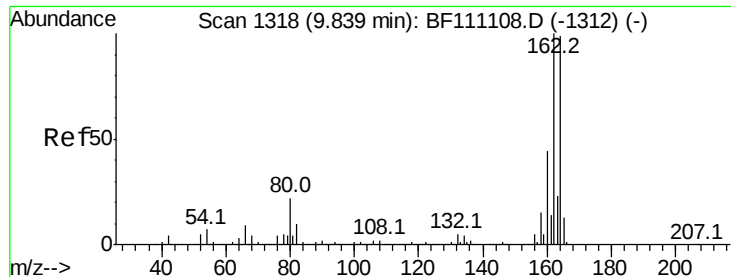
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#38
1-Methylnaphthalene
Concen: 46.434 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.5	111.7
116	3.7	3.2	4.8





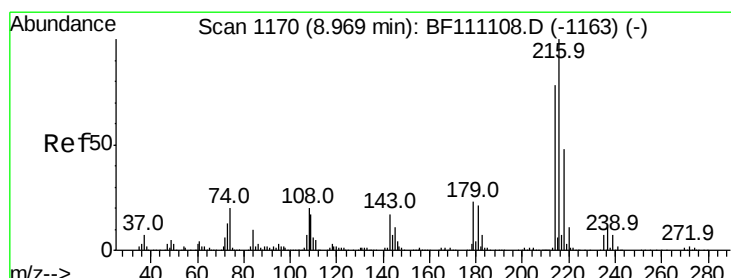
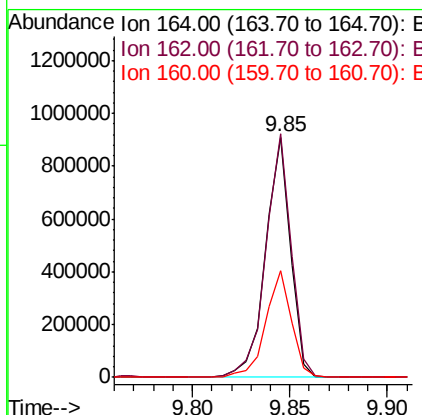
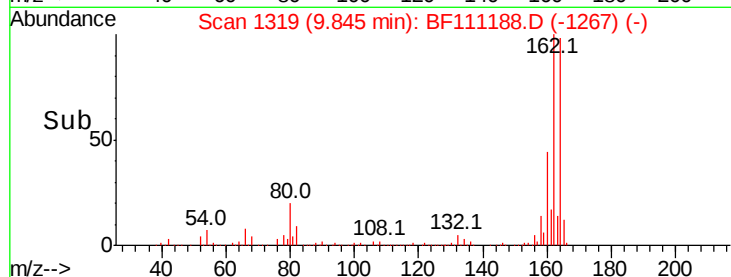
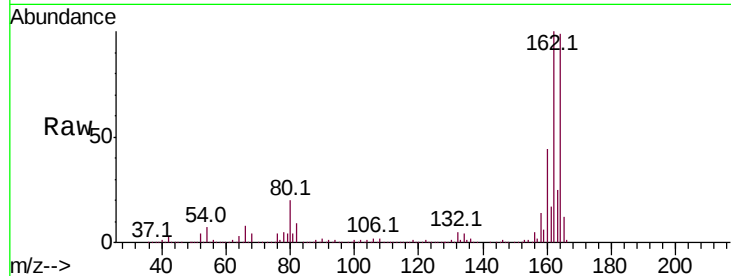
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF111188.D
 Acq: 7 Dec 2018 15:48

Instrument :
 BNA_F
 ClientSampleId :
 PB115194BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	80.6	120.8	
160	44.4	35.5	53.3	

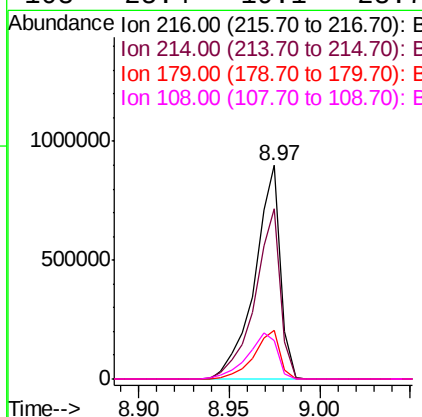
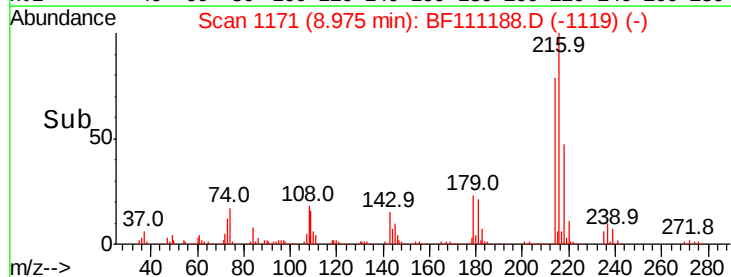
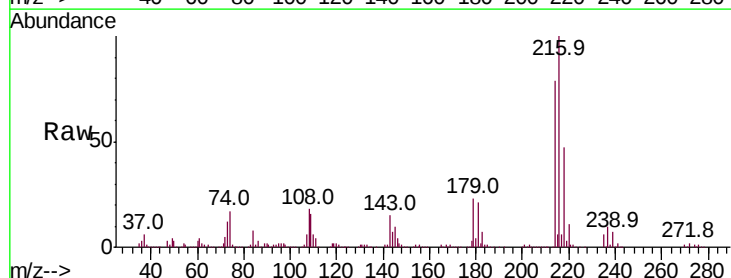
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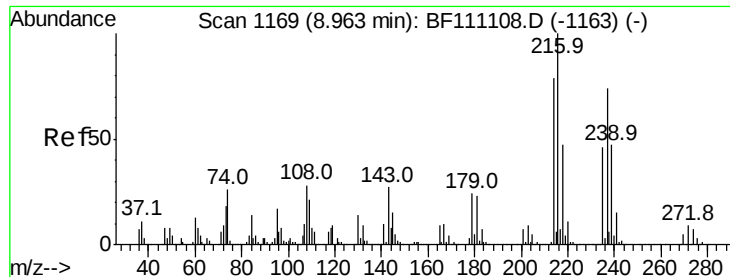
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.230 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF111188.D
 Acq: 7 Dec 2018 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	63.4	95.0	
179	23.0	18.5	27.7	
108	25.4	19.1	28.7	





#41

Hexachlorocyclopentadiene

Concen: 103.956 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Instrument :

BNA_F

ClientSampleId :

PB115194BS

Tot Ion:237 Resp: 1176481

Ion Ratio Lower Upper

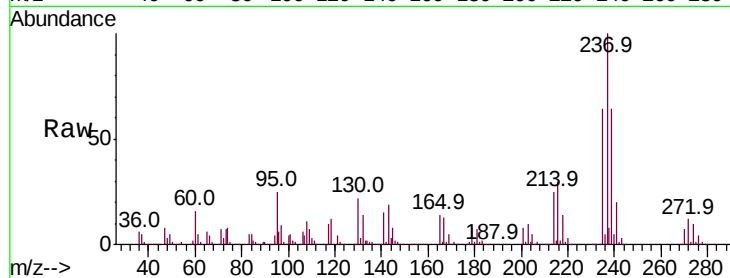
237 100

235 64.5 41.9 81.9

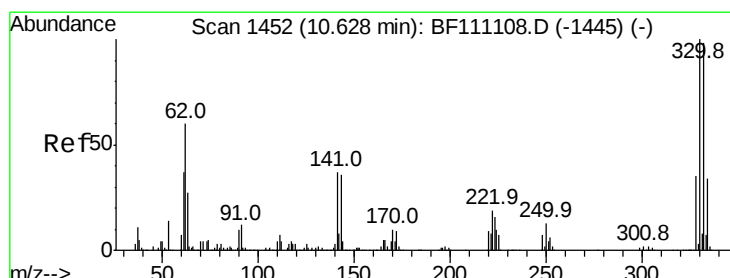
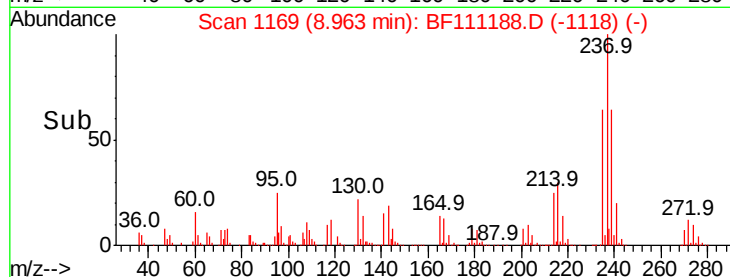
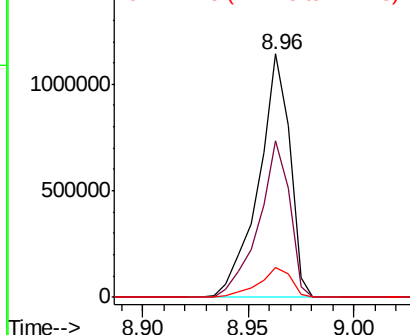
272 12.3 0.0 32.7

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 134.091 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

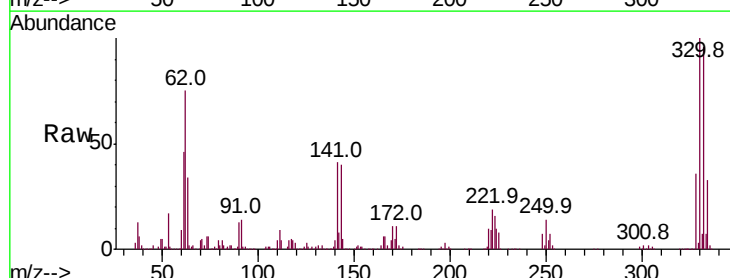
Tgt Ion:330 Resp: 858340

Ion Ratio Lower Upper

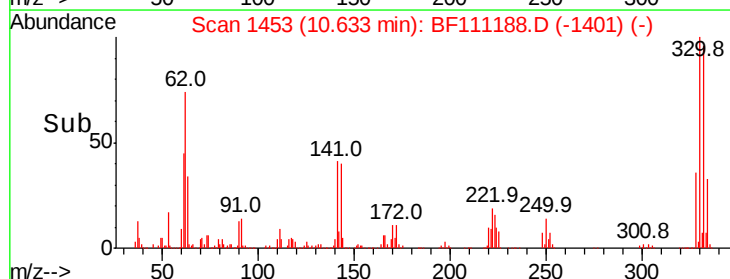
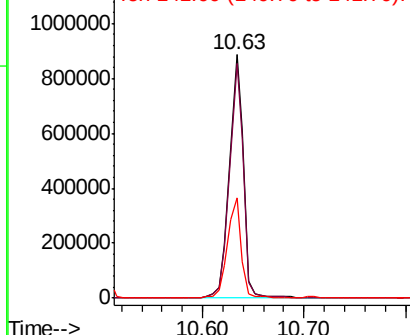
330 100

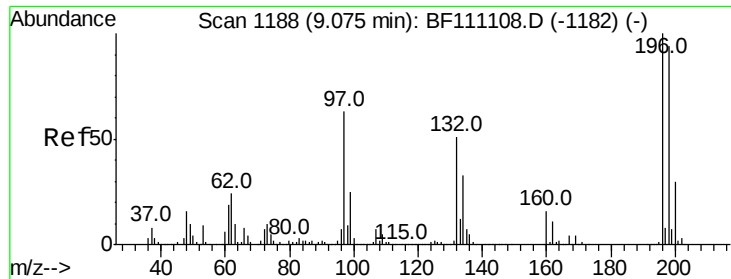
332 96.1 77.2 115.8

141 40.3 36.1 54.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





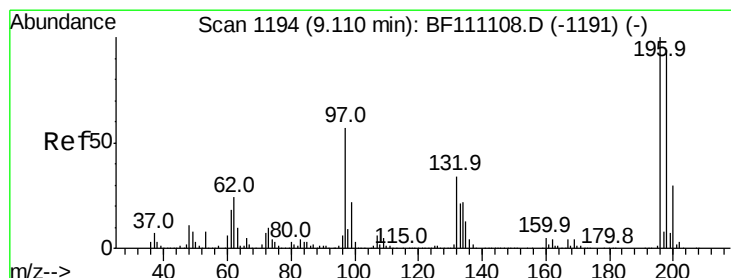
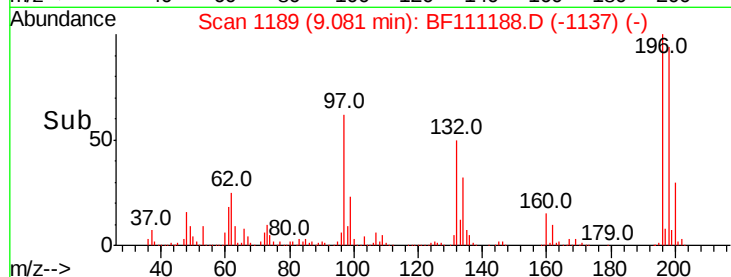
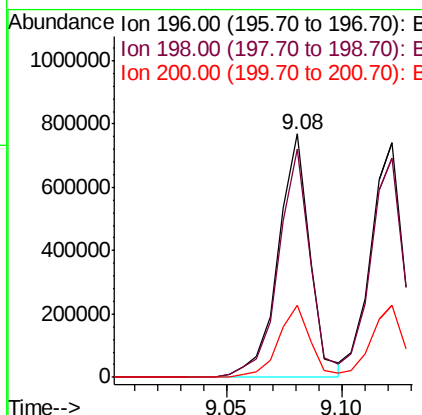
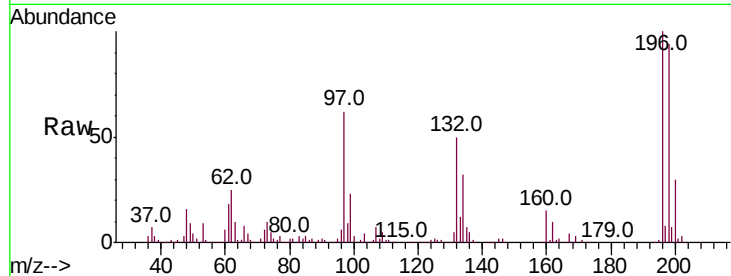
#43
 2,4,6-Trichlorophenol
 Concen: 46.509 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111188.D
 Acq: 7 Dec 2018 15:48

Instrument :
 BNA_F
 ClientSampleId :
 PB115194BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	729055		
198	93.8	75.4	113.0	
200	29.7	24.2	36.4	

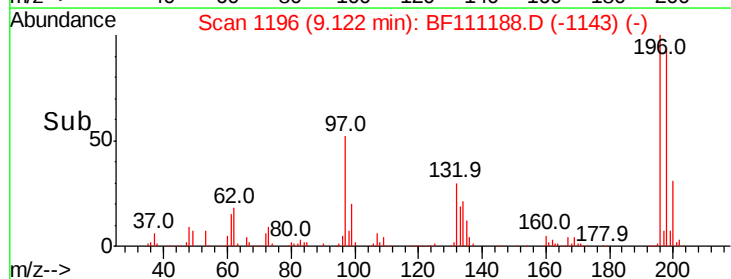
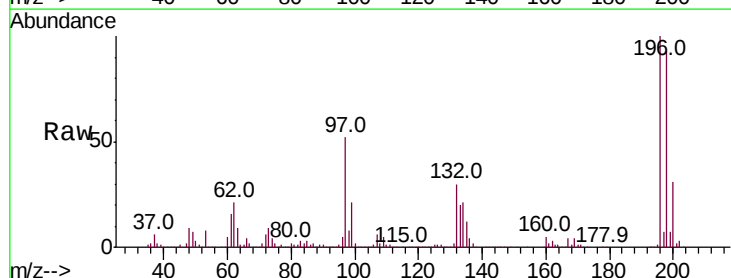
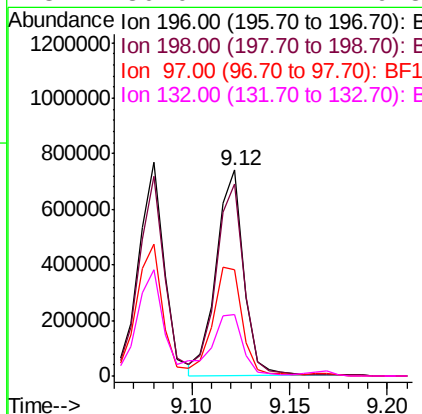
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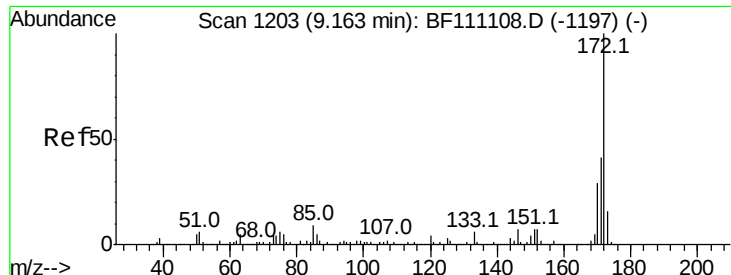
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#44
 2,4,5-Trichlorophenol
 Concen: 45.834 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF111188.D
 Acq: 7 Dec 2018 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	728315		
198	93.4	75.0	112.4	
97	51.9	46.2	69.4	
132	30.0	27.2	40.8	





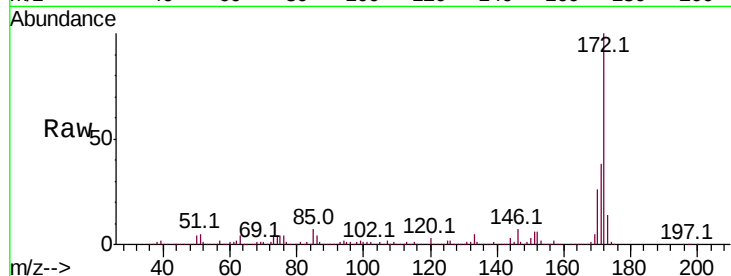
#45
2-Fluorobiphenyl
Concen: 81.471 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	33.2	49.8
170	26.3	22.9	34.3

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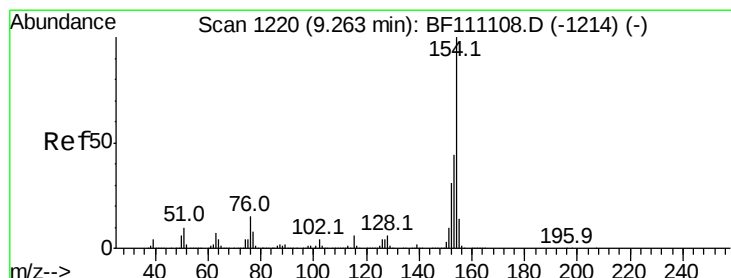
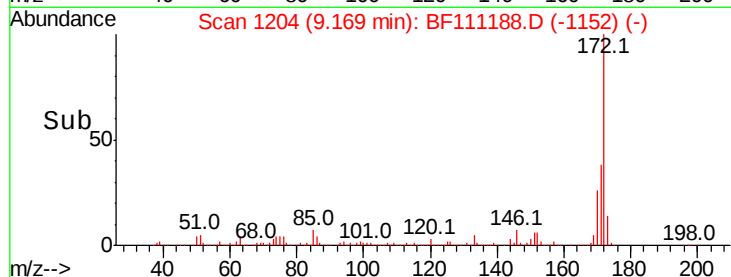
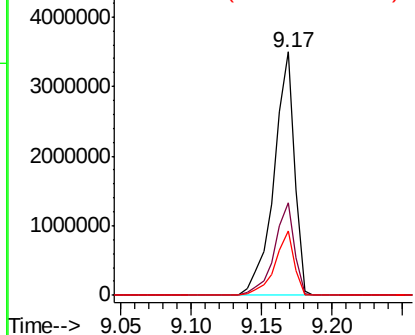


Abundance

Ion 172.00 (171.70 to 172.70): E

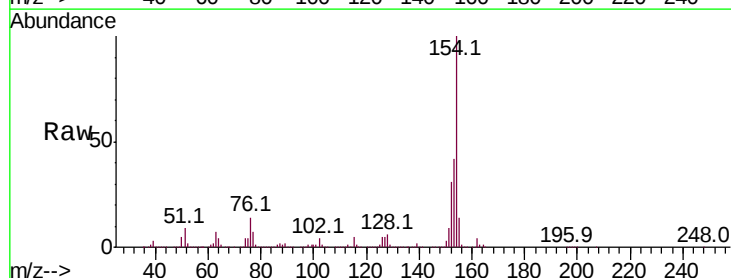
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.196 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	23.7	63.7
76	13.8	0.0	35.0

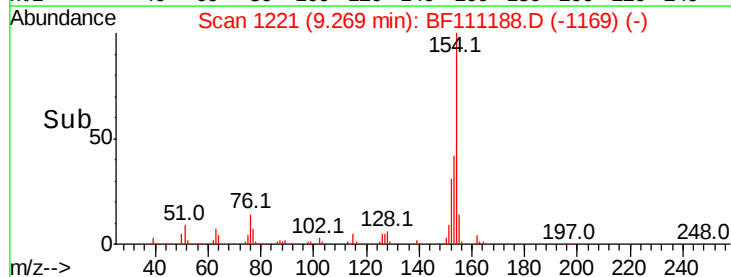
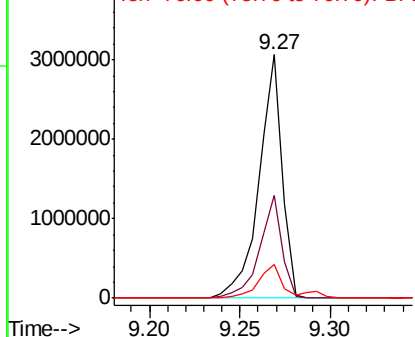


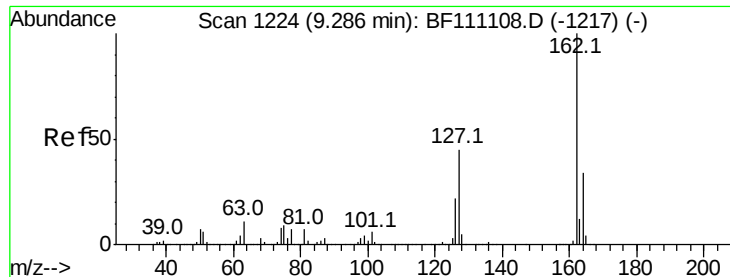
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





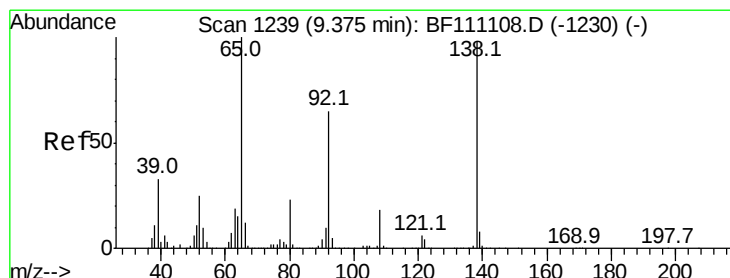
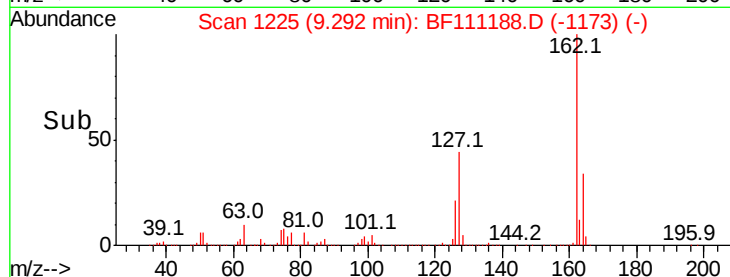
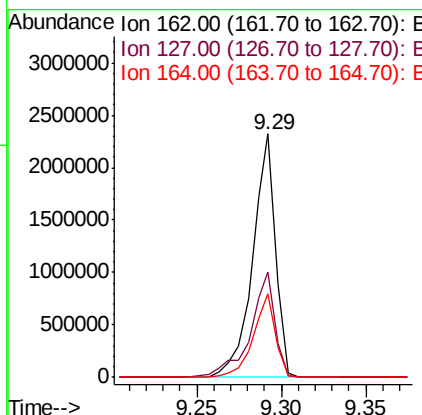
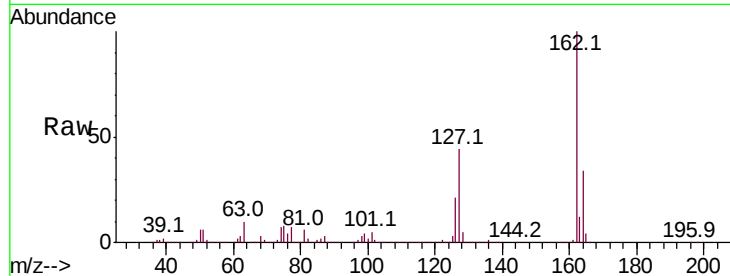
#47
2-Chloronaphthalene
Concen: 42.750 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion:162 Resp: 2189946
Ion Ratio Lower Upper
162 100
127 43.5 36.4 54.6
164 34.1 27.3 40.9

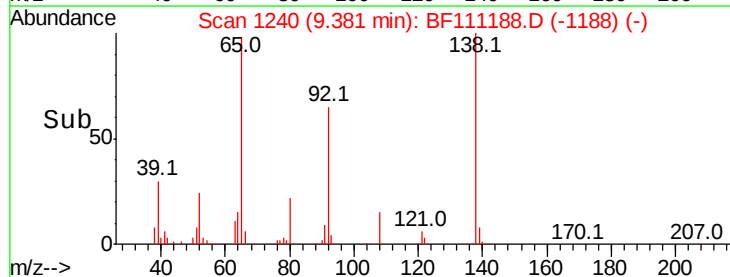
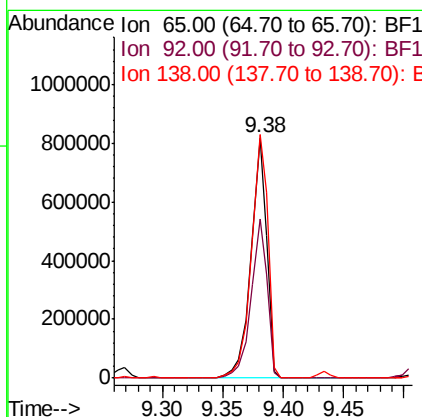
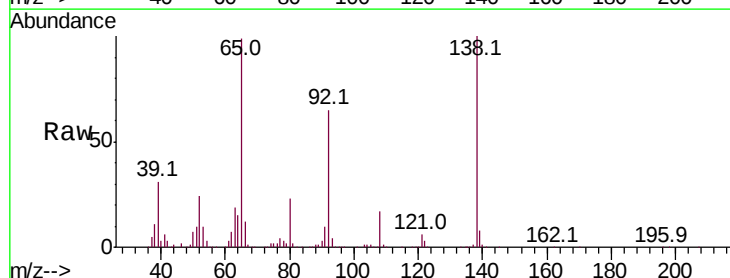
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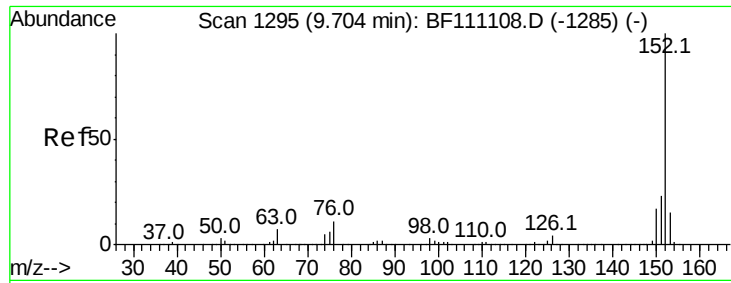
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#48
2-Nitroaniline
Concen: 45.077 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion: 65 Resp: 748326
Ion Ratio Lower Upper
65 100
92 66.1 52.1 78.1
138 101.3 78.2 117.4





#49

Acenaphthylene

Concen: 47.863 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Instrument :

BNA_F

ClientSampleId :

PB115194BS

Tot Ion:152 Resp: 3427247

Ion Ratio Lower Upper

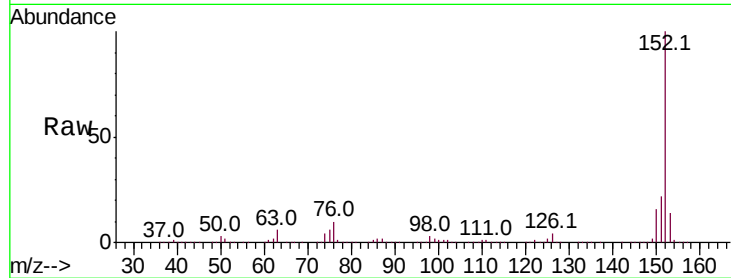
152 100

151 21.7 18.3 27.5

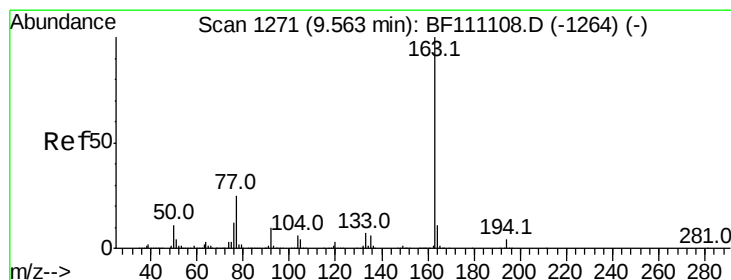
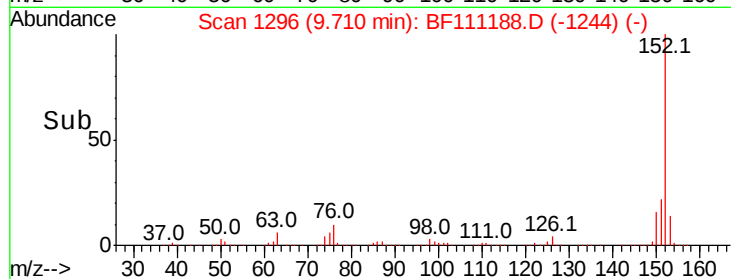
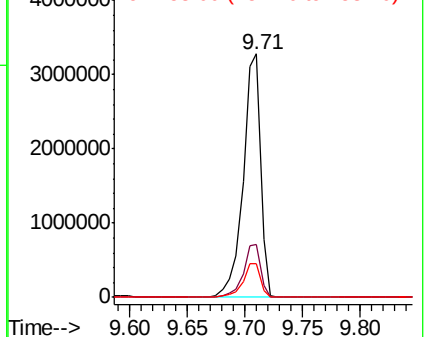
153 14.1 11.8 17.8

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



#50

Dimethylphthalate

Concen: 44.256 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

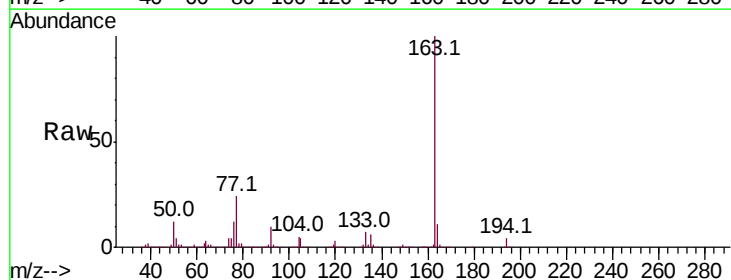
Tgt Ion:163 Resp: 2480347

Ion Ratio Lower Upper

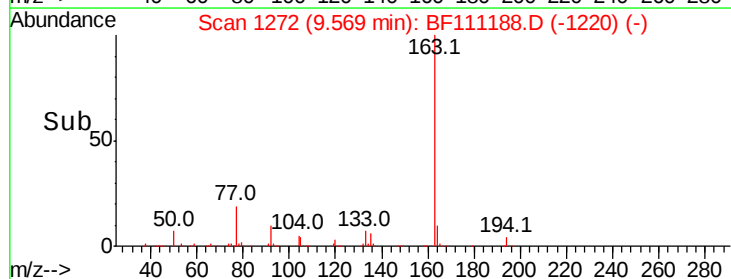
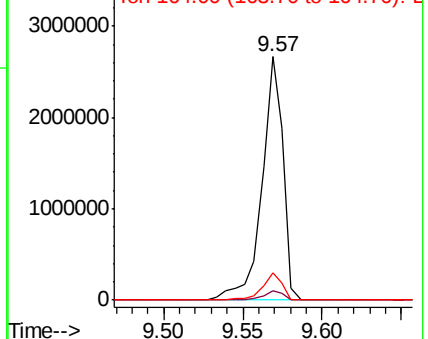
163 100

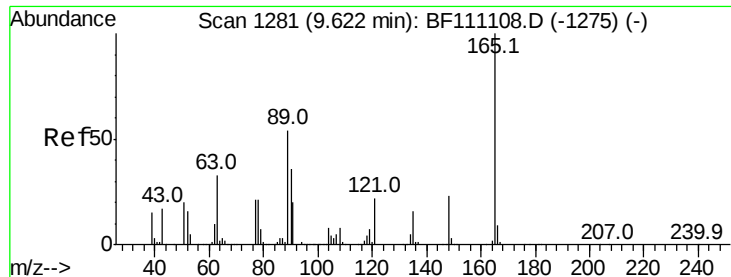
194 3.9 3.0 4.4

164 11.0 8.9 13.3



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





#51

2,6-Dinitrotoluene

Concen: 48.886 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Instrument :

BNA_F

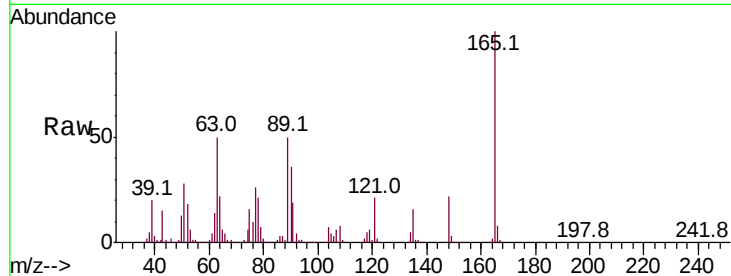
ClientSampleId :

PB115194BS

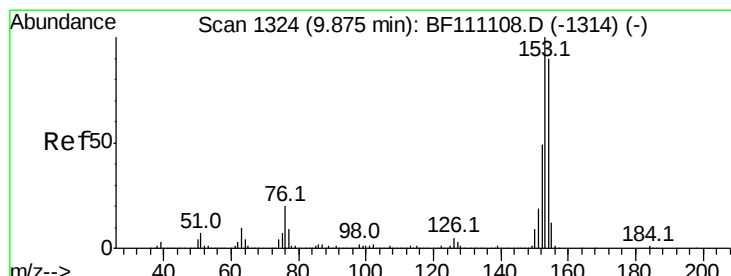
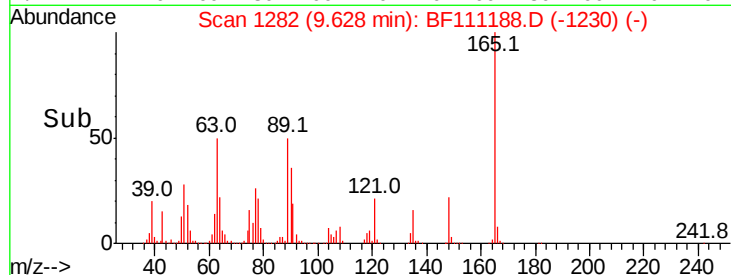
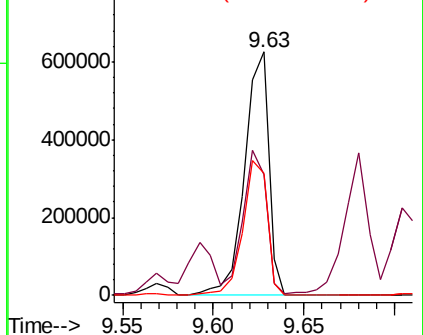
Tot Ion:	165	Resp:	580886
Ion Ratio	Lower	Upper	
165	100		
63	49.8	44.7	67.1
89	50.0	43.0	64.4

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



#52

Acenaphthene

Concen: 47.007 ng

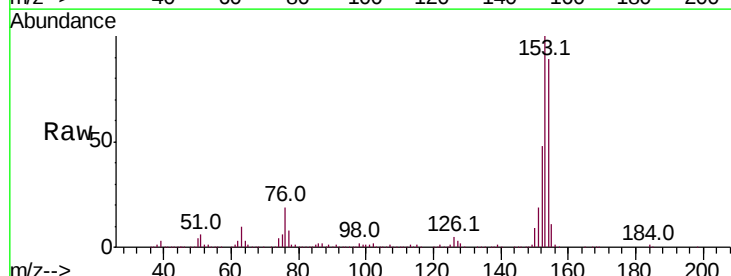
RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

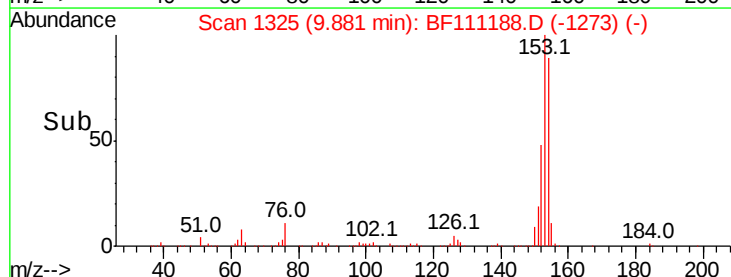
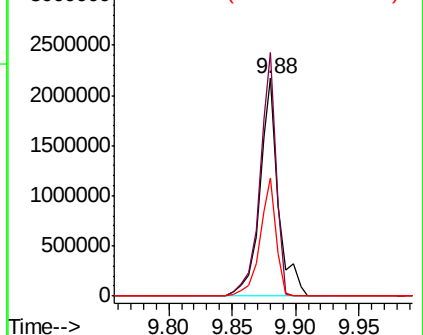
Lab File: BF111188.D

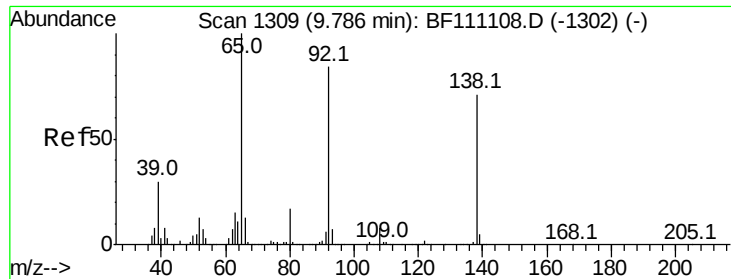
Acq: 7 Dec 2018 15:48

Tgt Ion:	154	Resp:	2223686
Ion Ratio	Lower	Upper	
154	100		
153	112.0	88.7	133.1
152	54.3	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





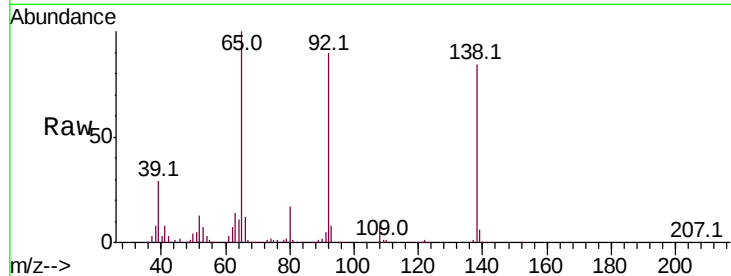
#53
3-Nitroaniline
Concen: 31.064 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.4	14.0
92	107.5	94.1	141.1

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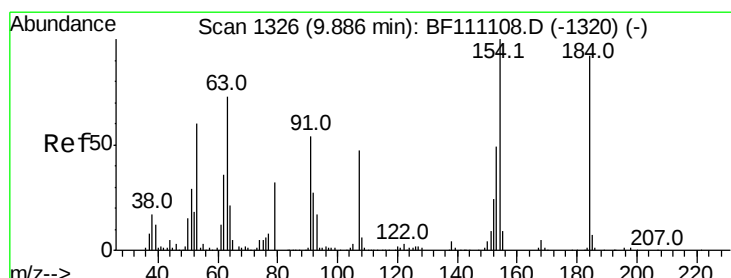
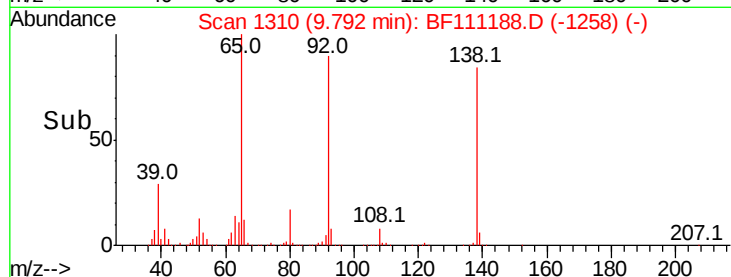
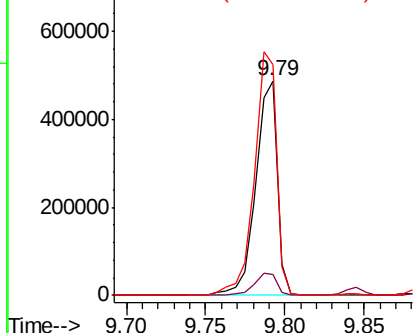


Abundance

Ion 138.00 (137.70 to 138.70): E

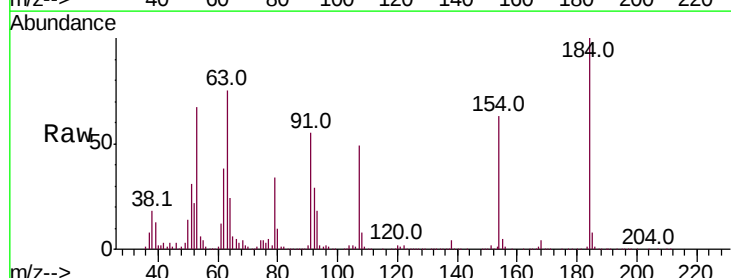
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 108.590 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.6	64.2	96.4
154	63.0	89.5	134.3#

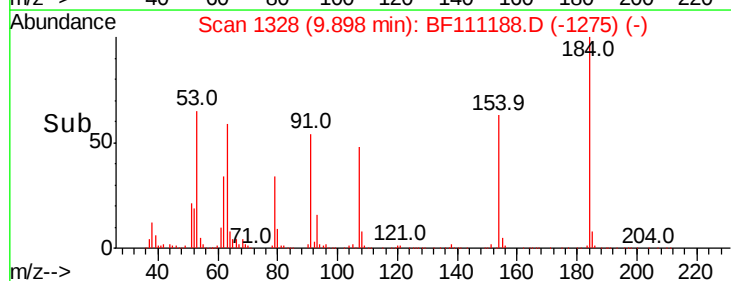
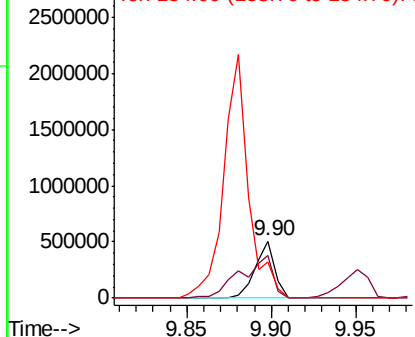


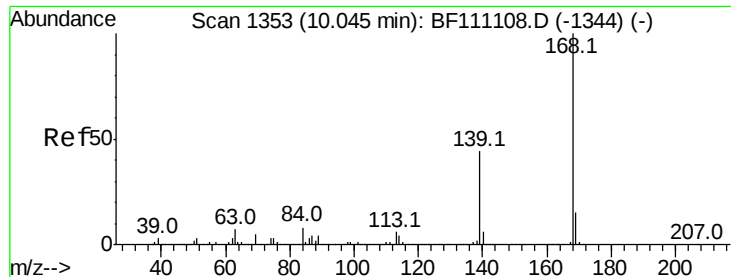
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





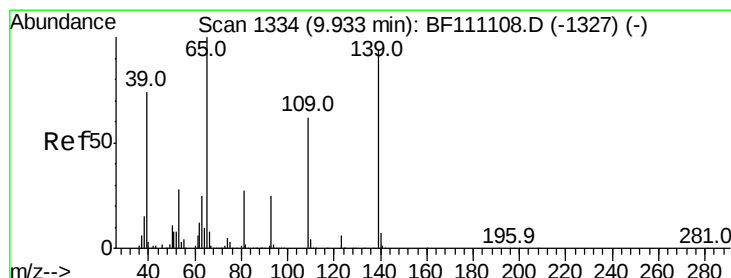
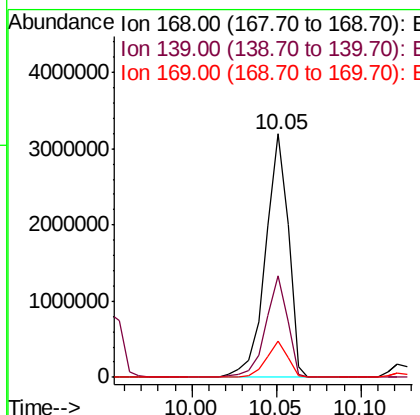
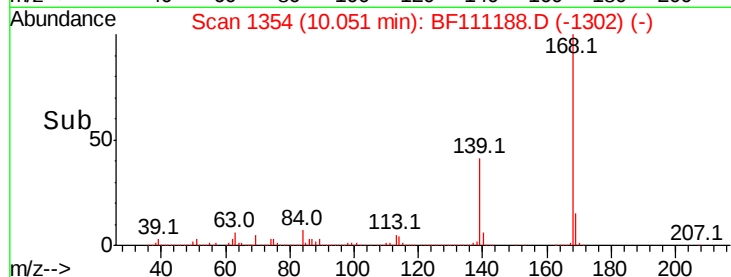
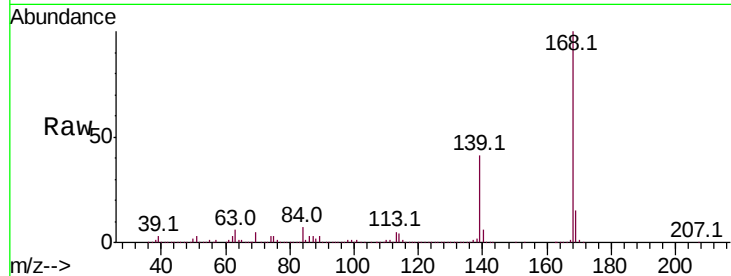
#55
Dibenzofuran
Concen: 45.703 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion:168 Resp: 2977824
Ion Ratio Lower Upper
168 100
139 41.5 35.1 52.7
169 14.7 12.2 18.4

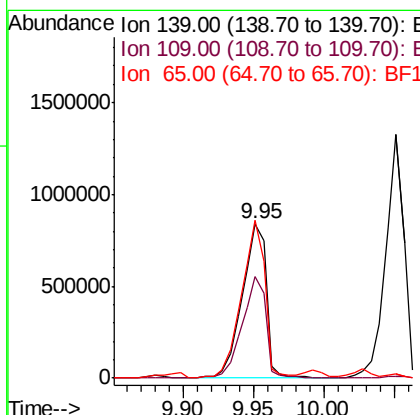
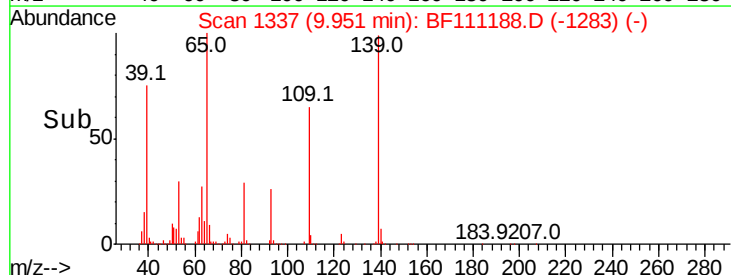
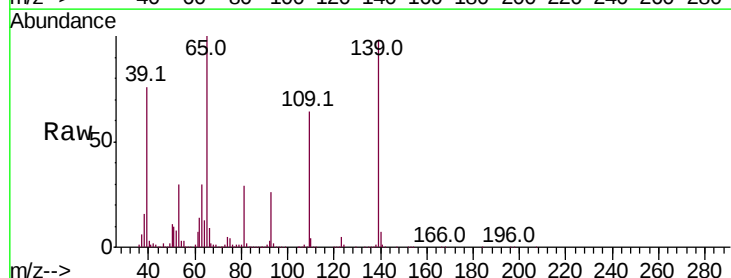
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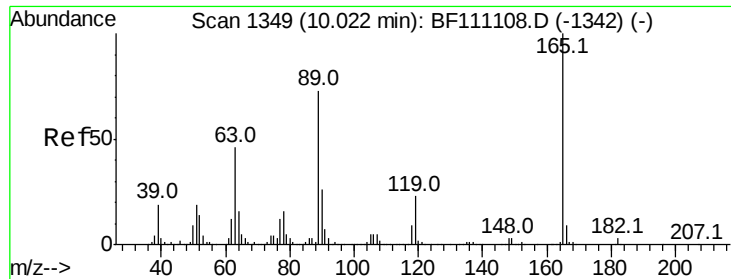
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#56
4-Nitrophenol
Concen: 88.478 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion:139 Resp: 995158
Ion Ratio Lower Upper
139 100
109 65.7 46.1 86.1
65 101.9 87.0 127.0





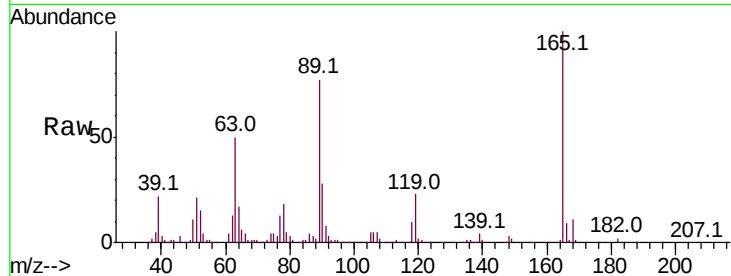
#57
2,4-Dinitrotoluene
Concen: 49.838 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

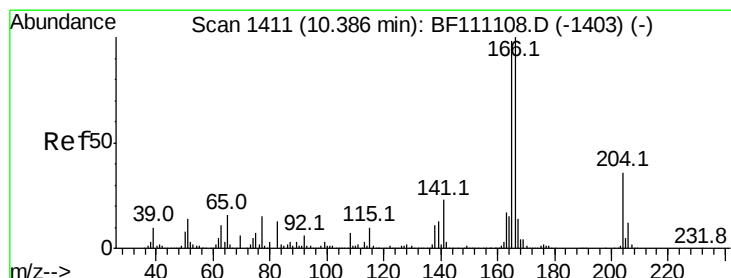
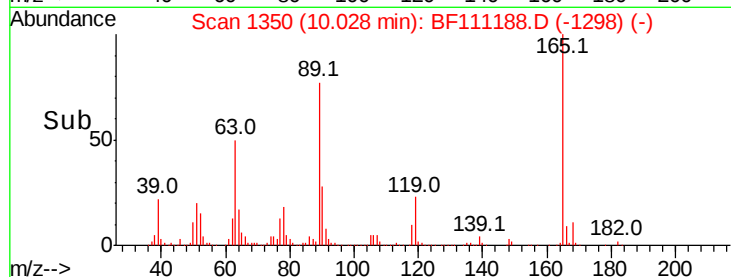
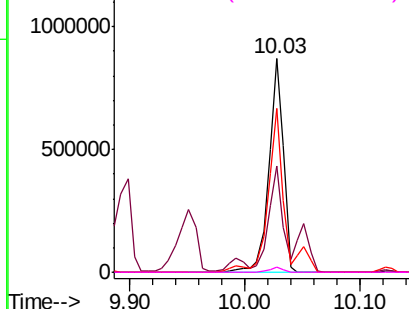
Tot Ion	Ratio	Resp	Lower	Upper
165	100	764833		
63	49.7	36.7	55.1	
89	76.6	58.4	87.6	
182	2.2	2.1	3.1	

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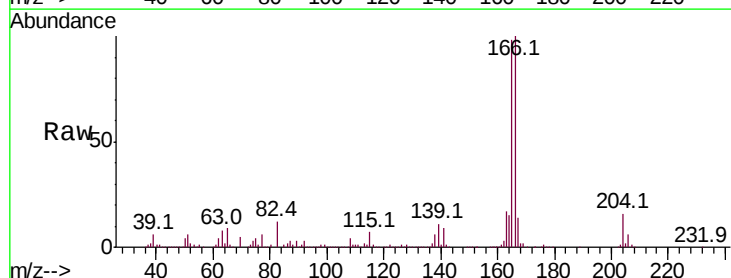


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

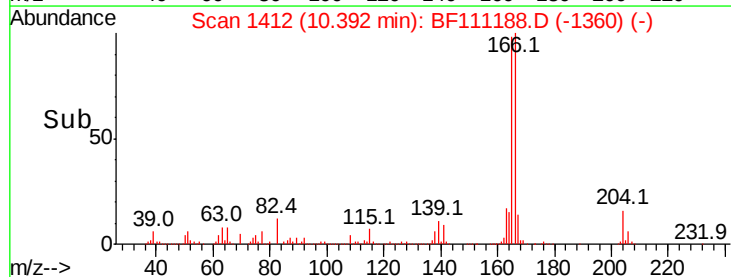
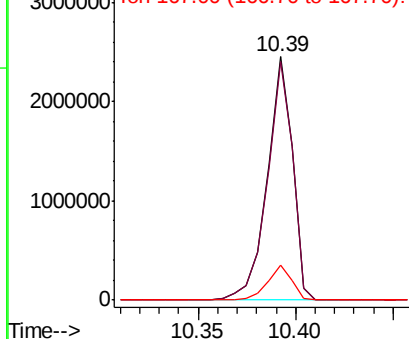


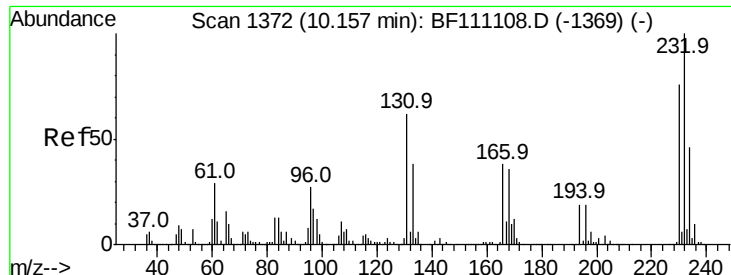
#58
Fluorene
Concen: 47.690 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2191202		
165	98.1	78.4	117.6	
167	14.4	11.4	17.2	



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





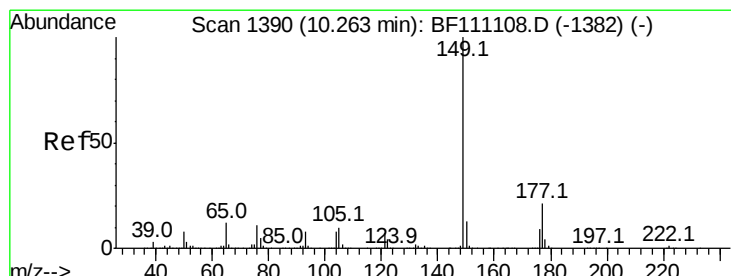
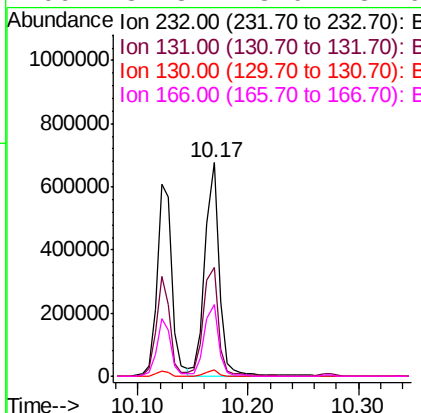
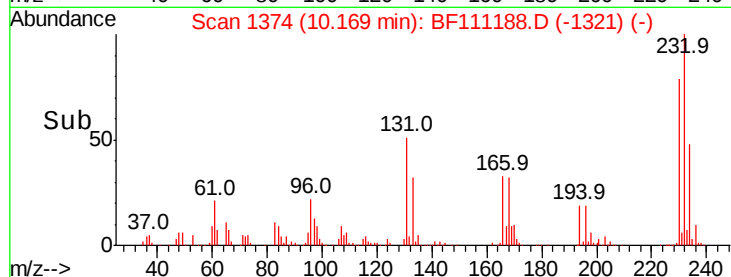
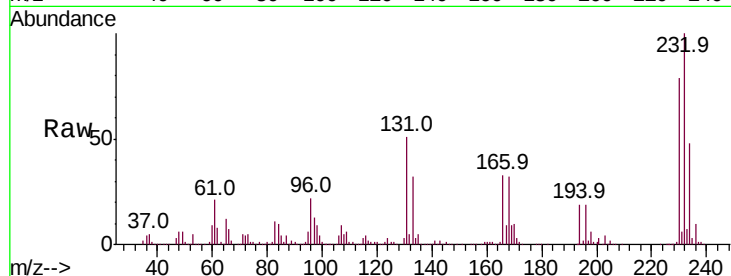
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.714 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	53.1	40.4	60.6
130	2.7	2.1	3.1
166	34.3	23.0	34.6

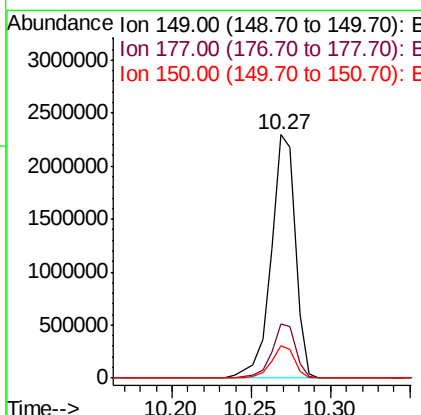
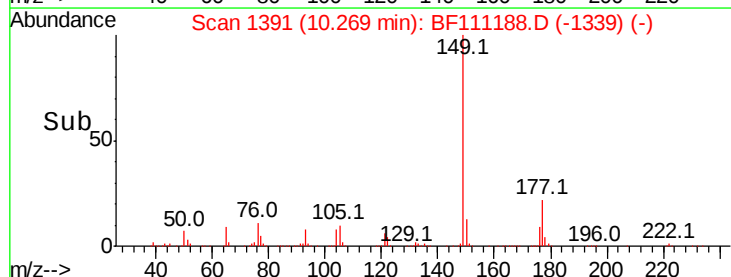
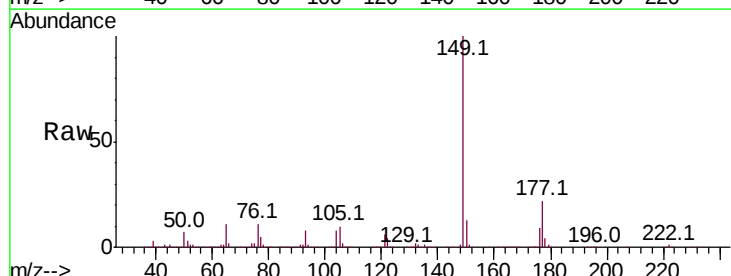
Manual Integrations
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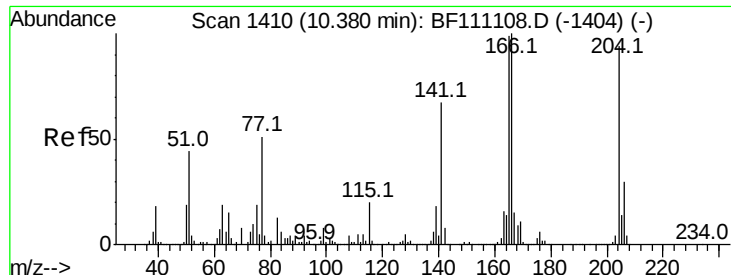
Sohil
12/11/2018 8:44:43 AM



#60
Diethylphthalate
Concen: 43.743 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.4	17.0	25.6
150	13.4	10.5	15.7





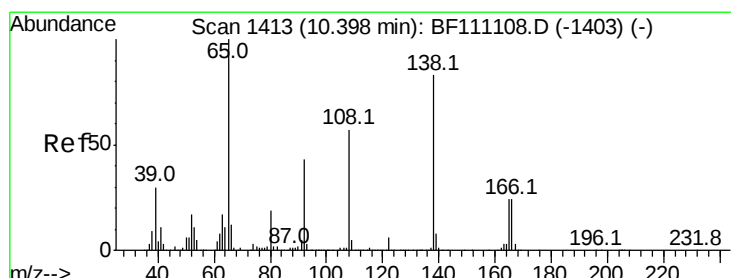
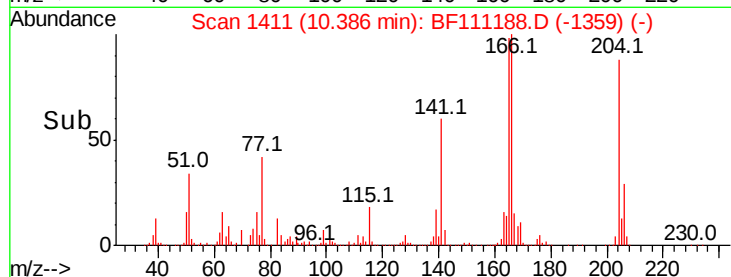
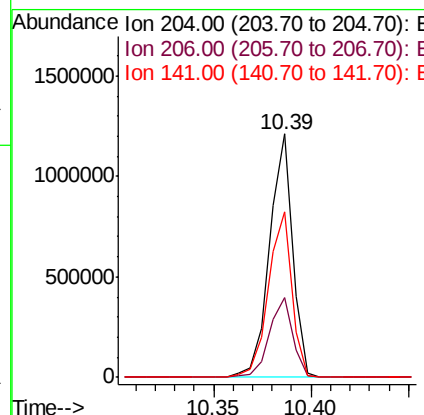
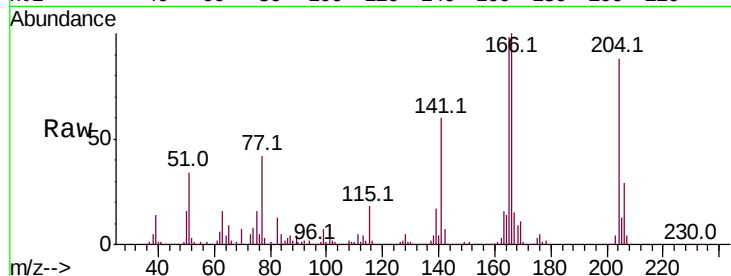
#61
4-Chlorophenyl-phenylether
Concen: 43.902 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.9	38.9
141	68.1	57.4	86.0

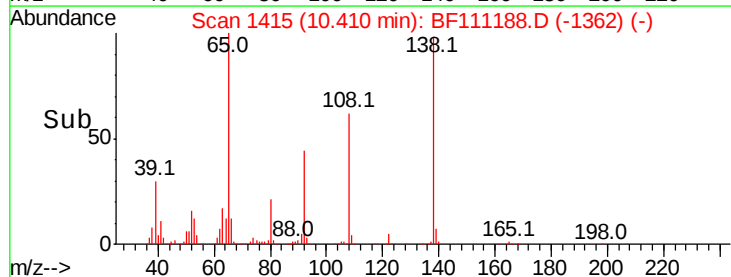
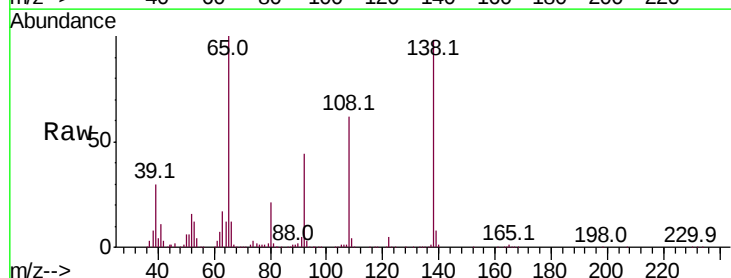
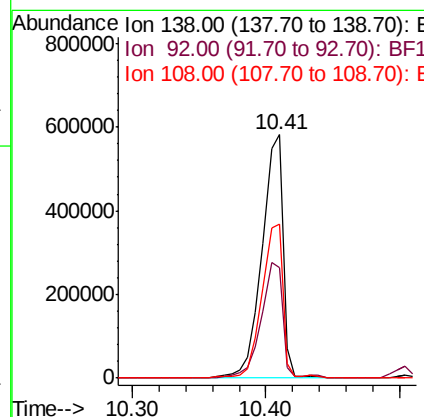
Manual Integrations
APPROVED

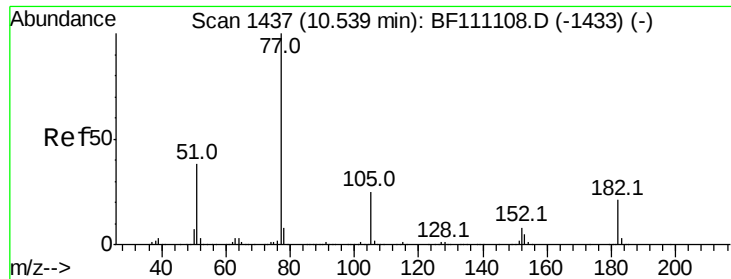
Sohil
12/11/2018 8:44:43 AM



#62
4-Nitroaniline
Concen: 46.862 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.2	31.6	71.6
108	63.2	48.3	88.3





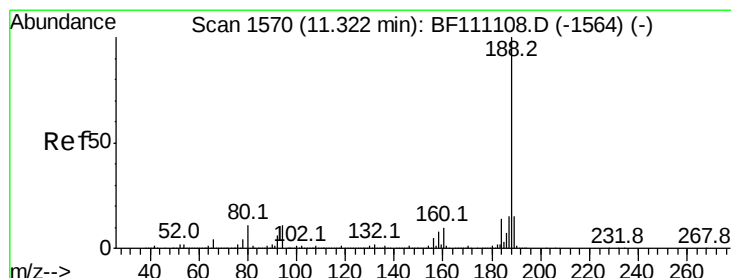
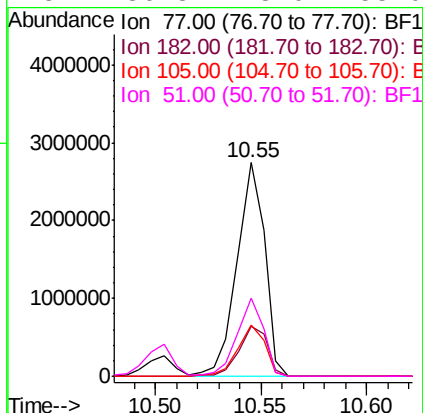
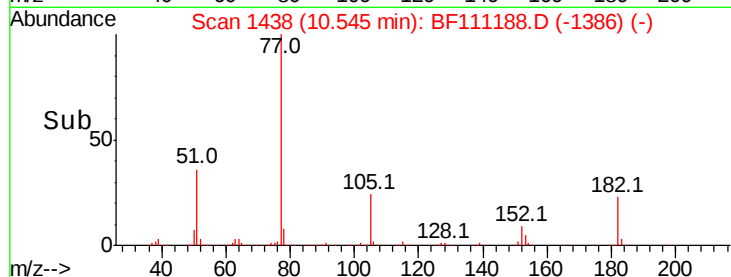
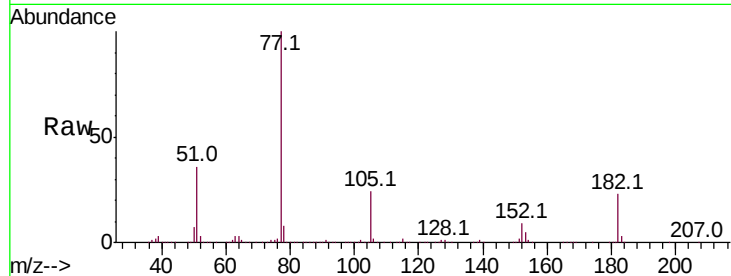
#63
Azobenzene
Concen: 41.862 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.3	1.4	41.4
105	24.0	4.7	44.7
51	36.3	18.0	58.0

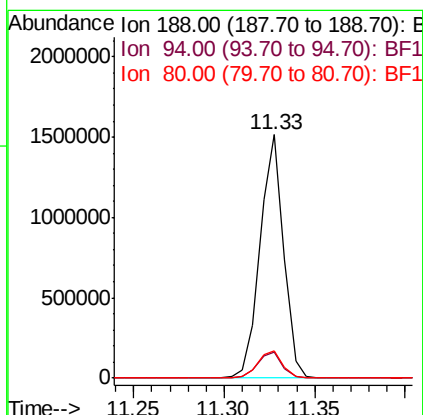
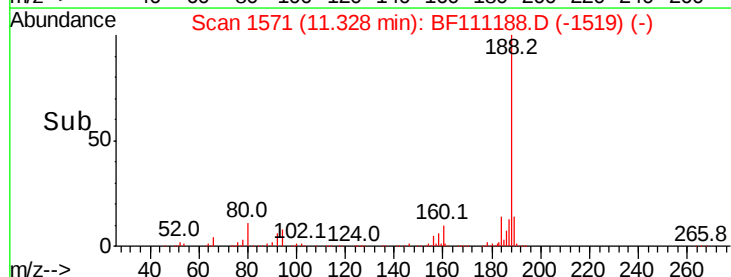
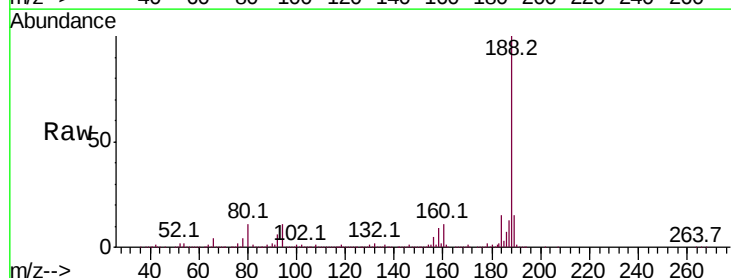
Manual Integrations
APPROVED

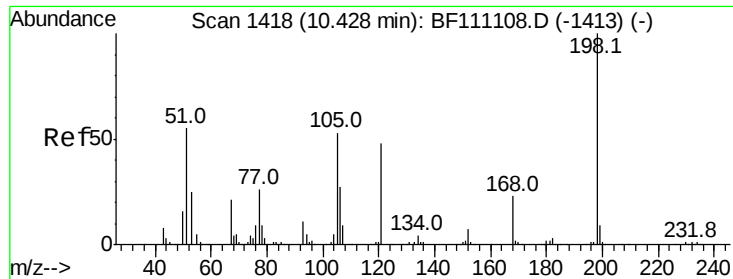
Sohil
12/11/2018 8:44:43 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.3	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 53.016 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Instrument :

BNA_F

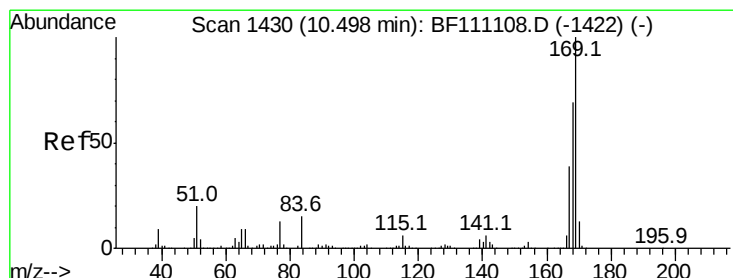
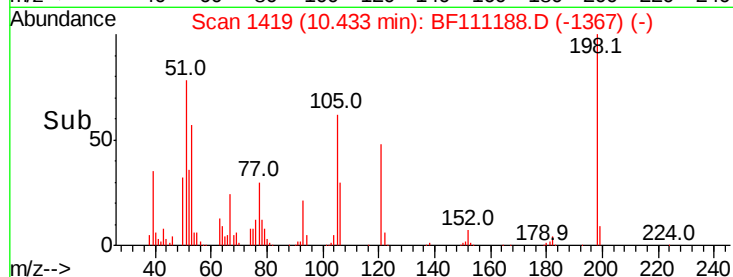
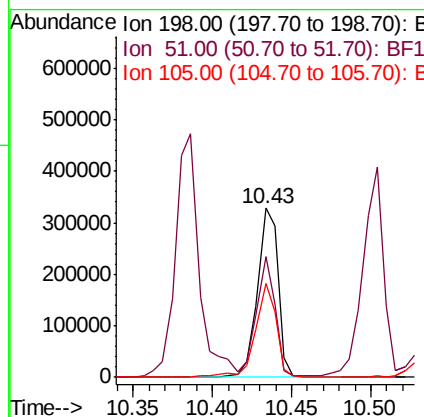
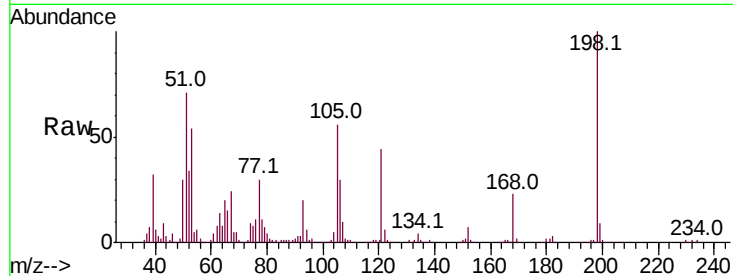
ClientSampleId :

PB115194BS

Tot Ion:	198	Resp:	299225
Ion Ratio	Lower	Upper	
198	100		
51	71.3	48.8	88.8
105	55.7	35.2	75.2

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 42.894 ng

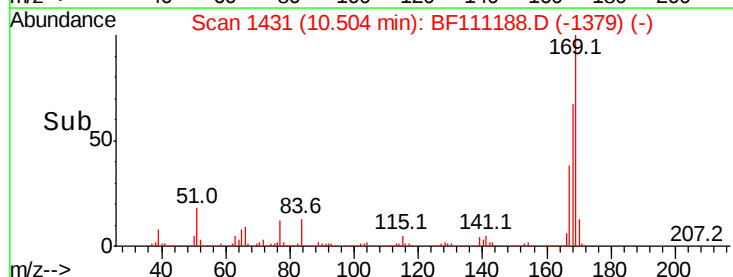
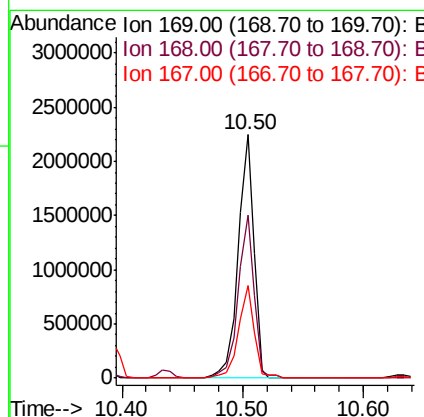
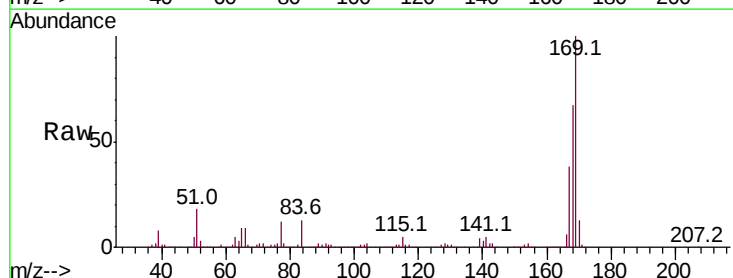
RT: 10.50 min Scan# 1431

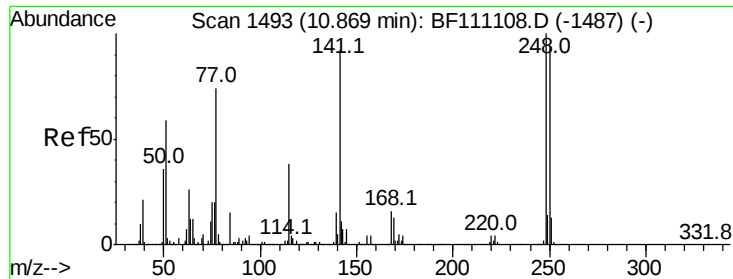
Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Tgt Ion:	169	Resp:	2051872
Ion Ratio	Lower	Upper	
169	100		
168	67.2	55.4	83.2
167	38.1	31.1	46.7





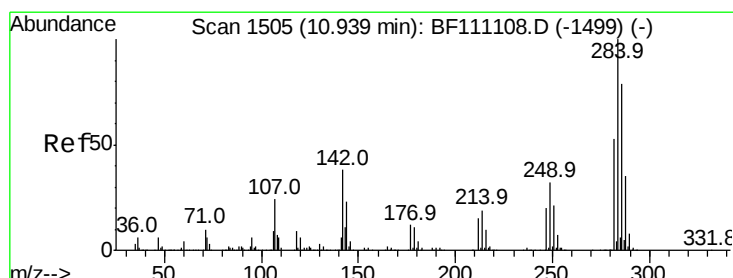
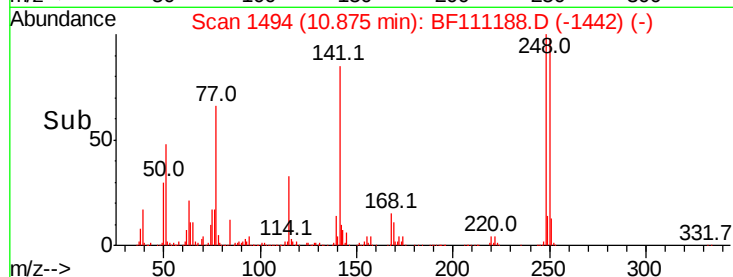
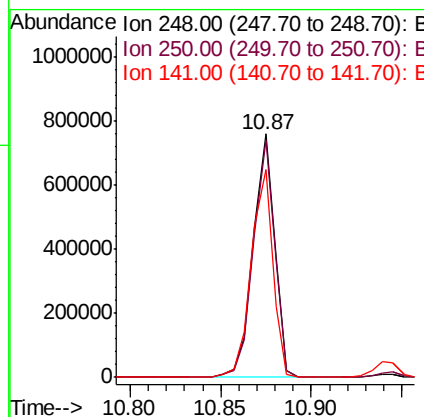
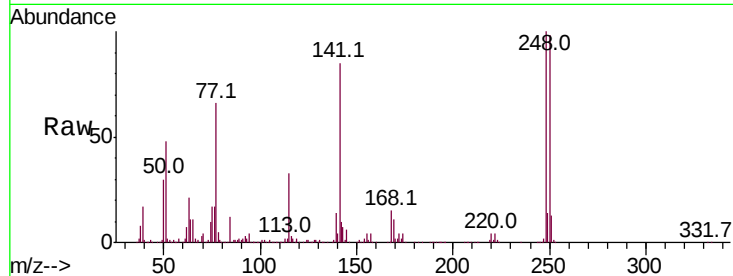
#67
4-Bromophenyl-phenylether
Concen: 43.651 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	75.4	113.0
141	85.2	73.8	110.6

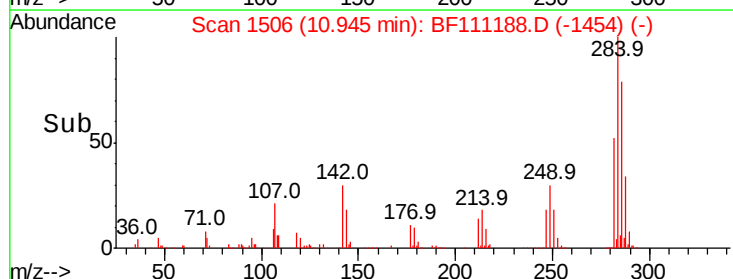
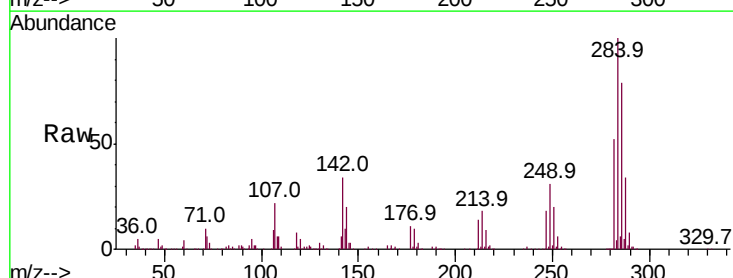
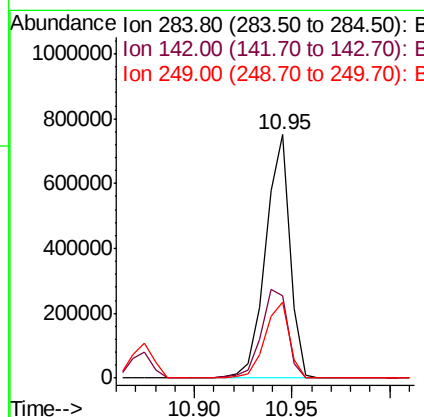
Manual Integrations
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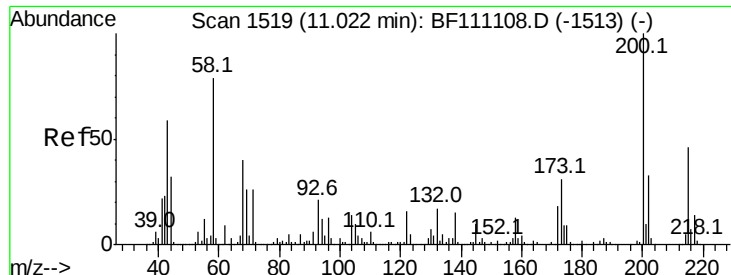
Sohil
12/11/2018 8:44:43 AM



#68
Hexachlorobenzene
Concen: 43.896 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	30.2	45.2
249	31.0	25.3	37.9





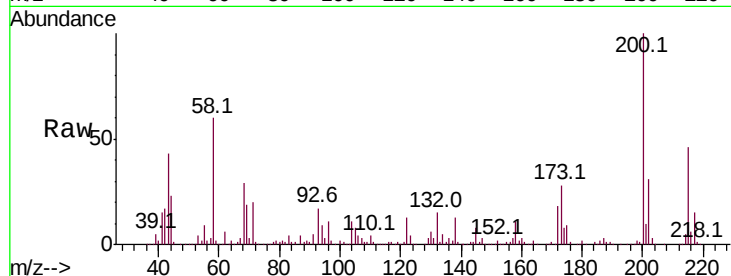
#69
Atrazine
Concen: 50.435 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	11.3	51.3
215	45.9	25.9	65.9

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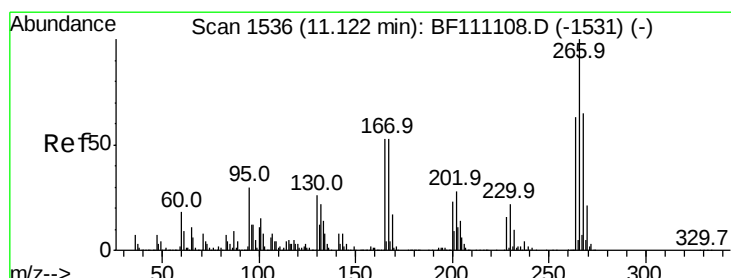
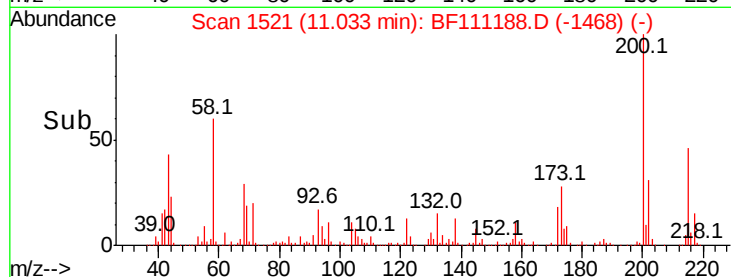
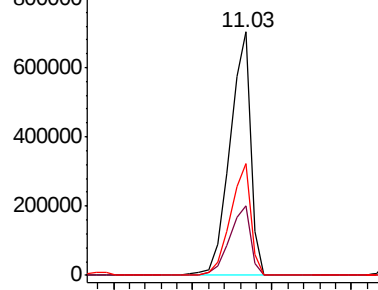


Abundance

Ion 200.00 (199.70 to 200.70): E

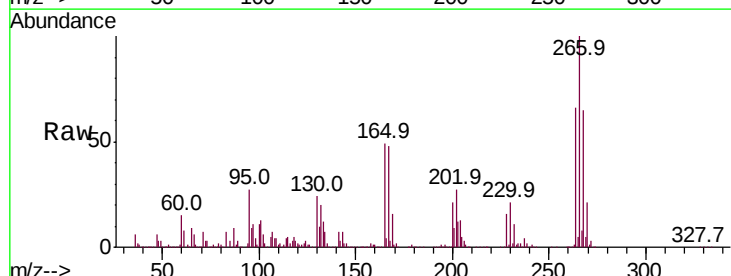
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 78.033 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	52.2	78.4
264	65.7	50.8	76.2

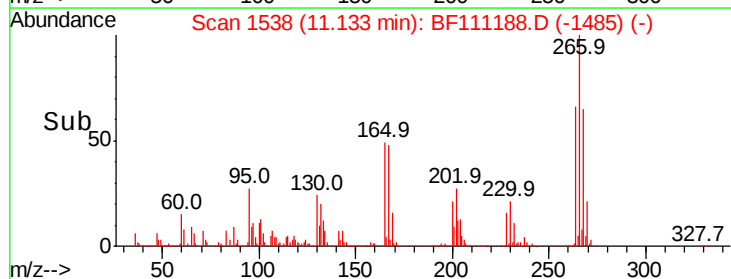
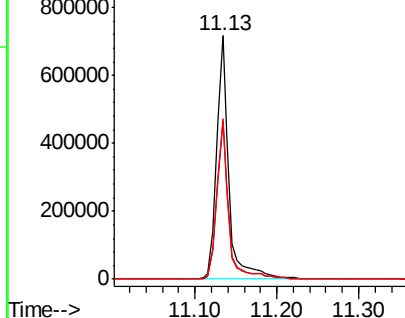


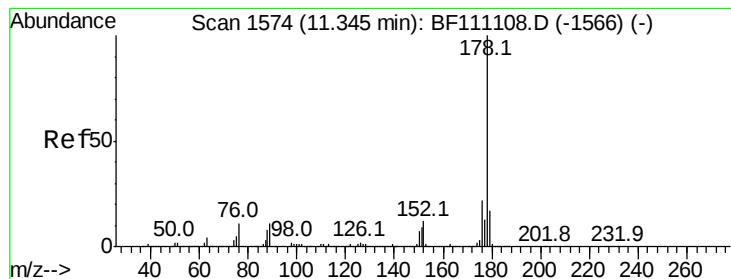
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.801 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Instrument :

BNA_F

ClientSampleId :

PB115194BS

Tot Ion:178 Resp: 3075504

Ion Ratio Lower Upper

178 100

176 21.6 17.7 26.5

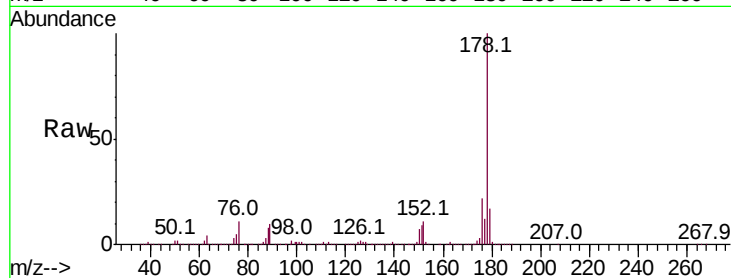
179 16.9 14.0 21.0

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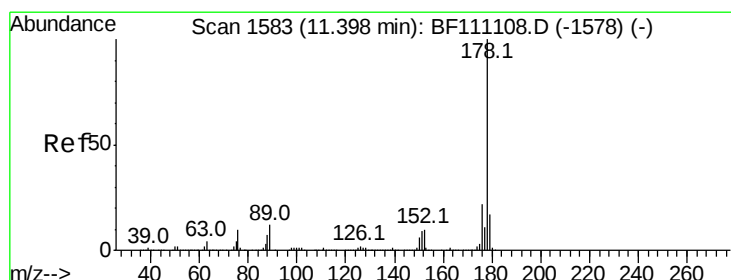
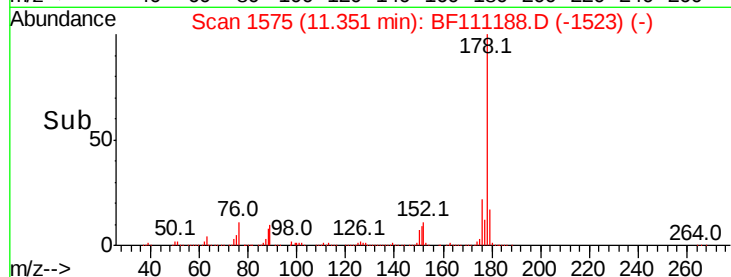
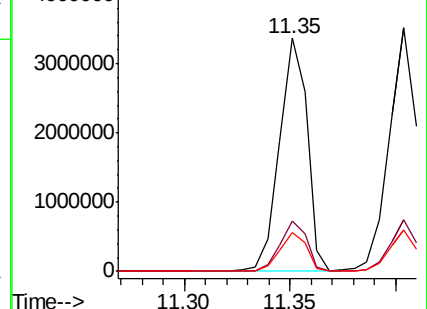
12/11/2018 8:44:43 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.551 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Tgt Ion:178 Resp: 3149788

Ion Ratio Lower Upper

178 100

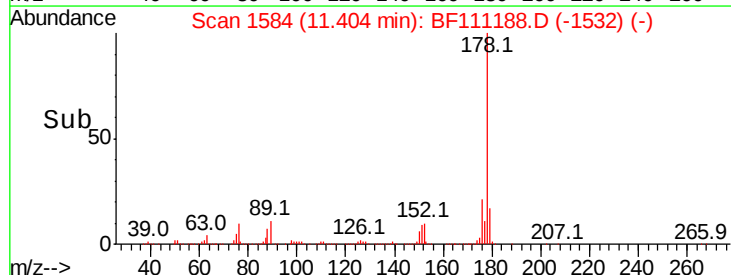
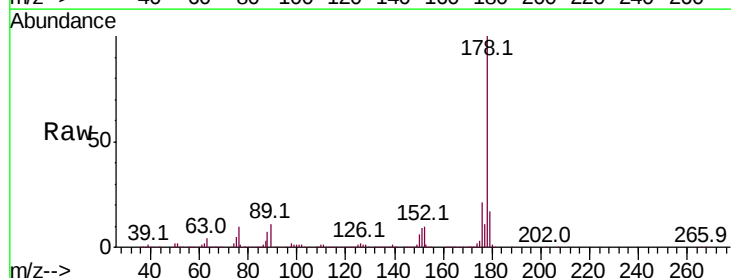
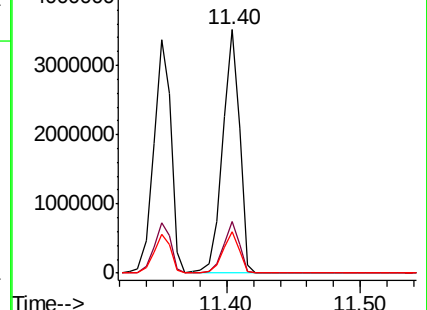
176 21.3 17.3 25.9

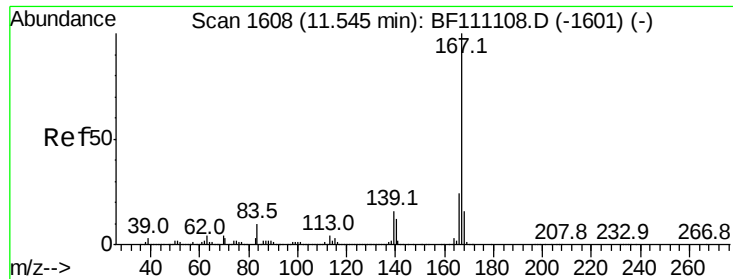
179 17.0 13.8 20.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





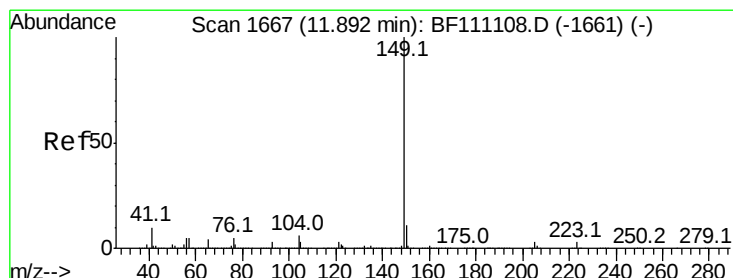
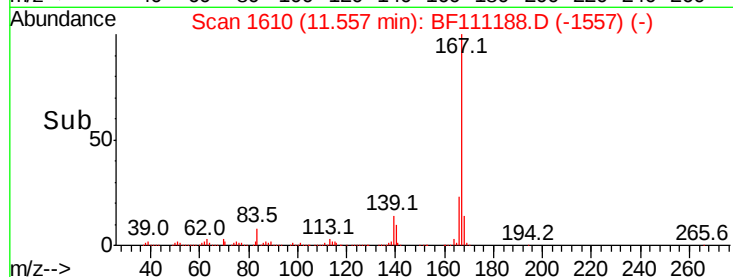
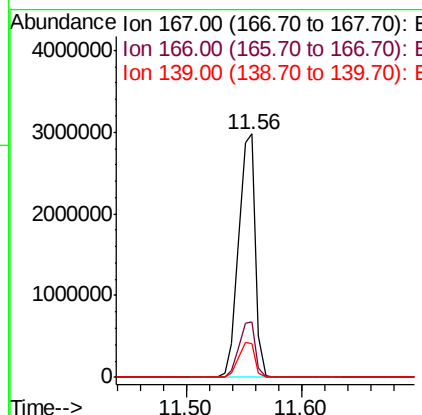
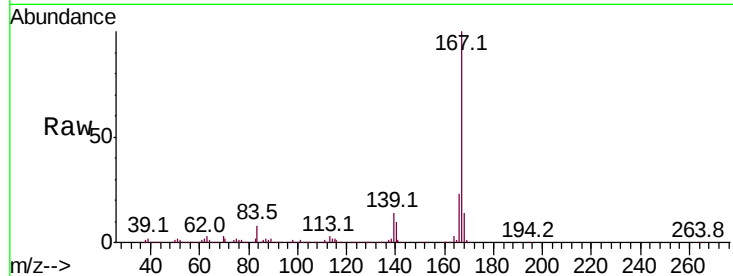
#73
 Carbazole
 Concen: 43.109 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BF111188.D
 Acq: 7 Dec 2018 15:48

Instrument :
 BNA_F
 ClientSampleId :
 PB115194BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.4	29.0
139	13.8	12.6	18.8

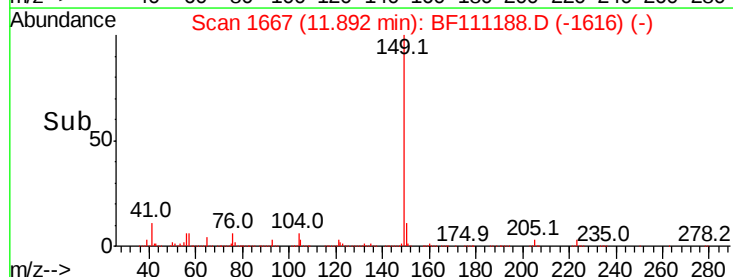
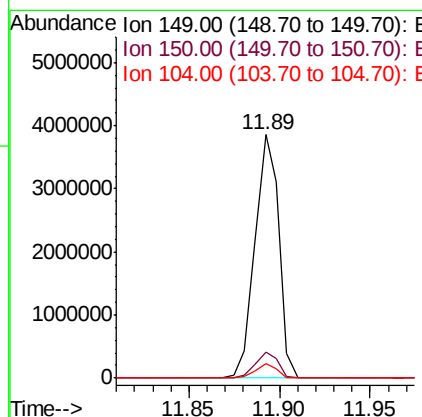
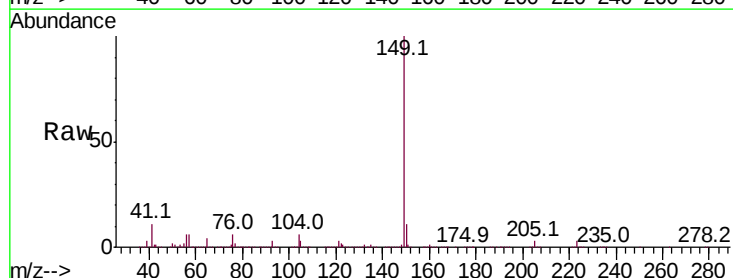
Manual Integrations
 APPROVED

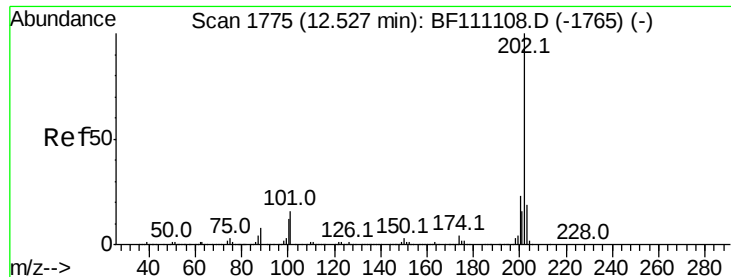
Sohil
 12/11/2018 8:44:43 AM



#74
 Di-n-butylphthalate
 Concen: 43.590 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF111188.D
 Acq: 7 Dec 2018 15:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.6	12.8
104	5.8	4.5	6.7





#75

Fluoranthene

Concen: 46.887 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Instrument :

BNA_F

ClientSampleId :

PB115194BS

Tot Ion:202 Resp: 3014998

Ion Ratio Lower Upper

202 100

101 13.9 0.0 35.8

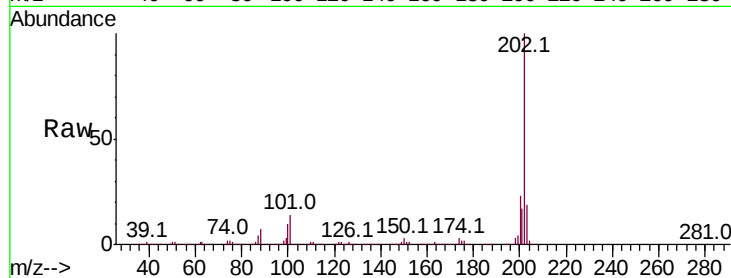
203 19.3 0.0 38.6

Manual Integrations

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Sohil

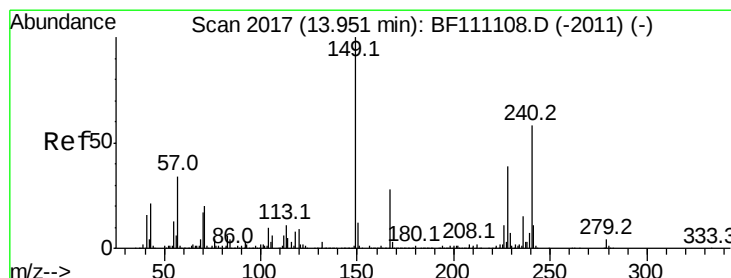
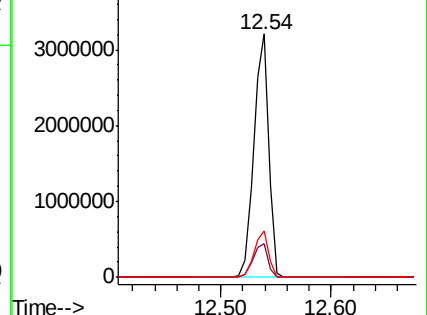
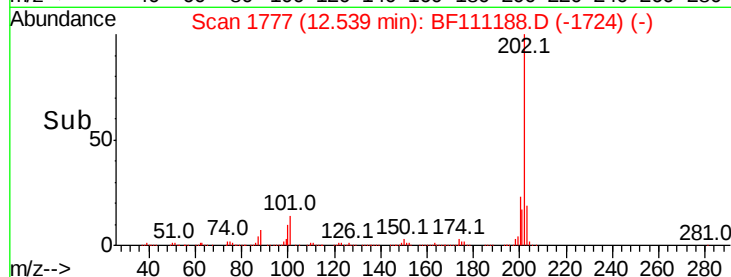
12/11/2018 8:44:43 AM



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: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

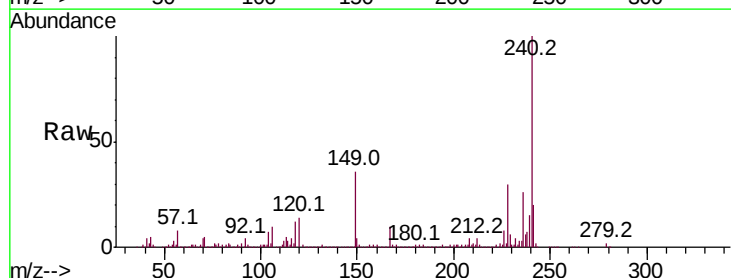
Tgt Ion:240 Resp: 836414

Ion Ratio Lower Upper

240 100

120 13.7 12.8 19.2

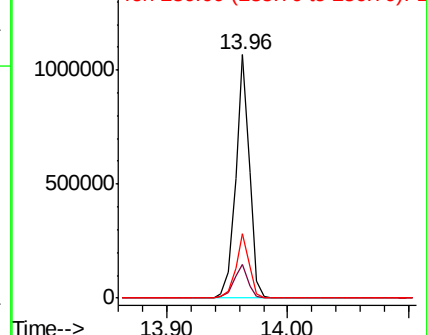
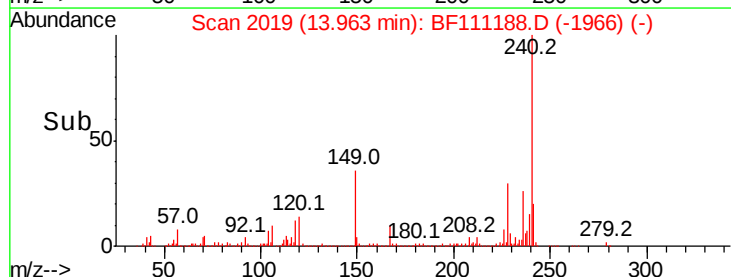
236 26.3 21.1 31.7

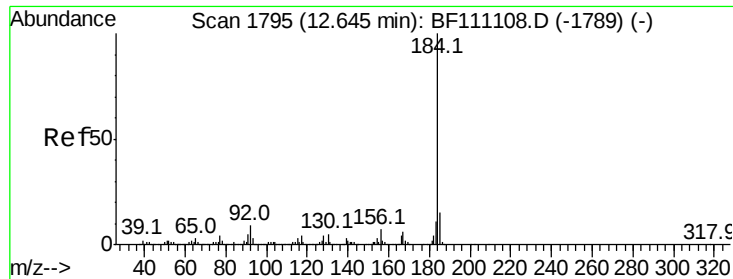


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.271 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Instrument :

BNA_F

ClientSampleId :

PB115194BS

Tot Ion:184 Resp: 1402163

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

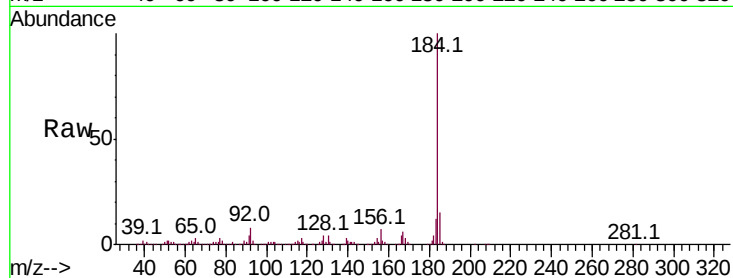
183 12.1 8.9 13.3

Manual Integrations

APPROVED

Sohil

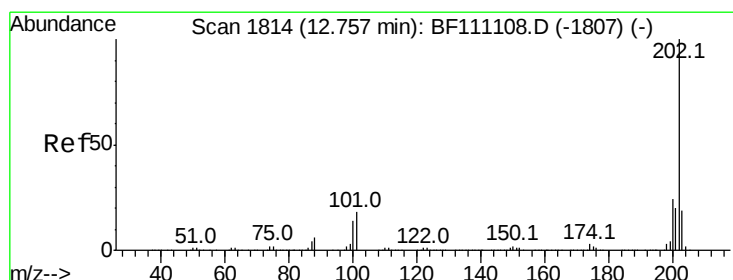
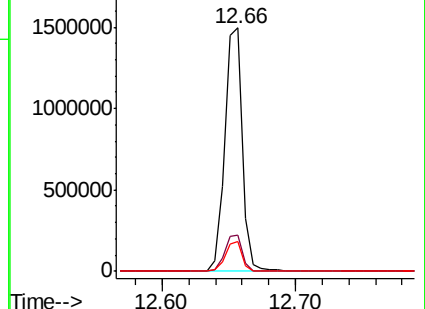
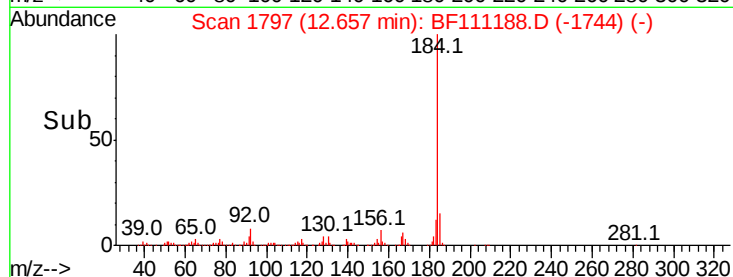
12/11/2018 8:44:43 AM



Abundance Ion 184.00 (183.70 to 184.70): E

2000000 Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.899 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

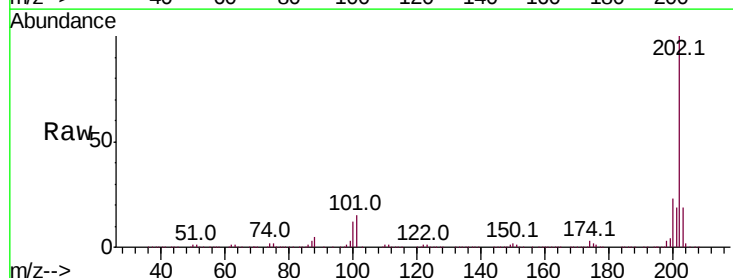
Tgt Ion:202 Resp: 3056086

Ion Ratio Lower Upper

202 100

200 23.2 19.3 28.9

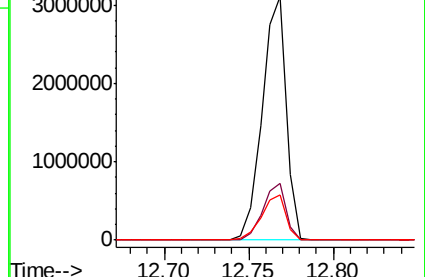
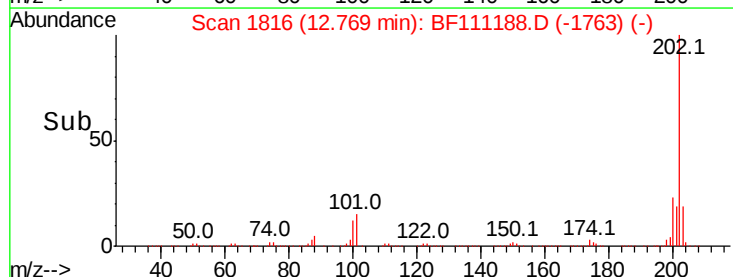
203 18.5 15.4 23.2

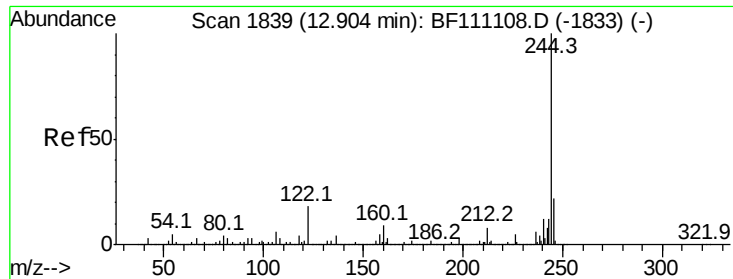


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.365 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Instrument :

BNA_F

ClientSampleId :

PB115194BS

Tot Ion:244 Resp: 3159642

Ion Ratio Lower Upper

244 100

212 7.5 6.6 9.8

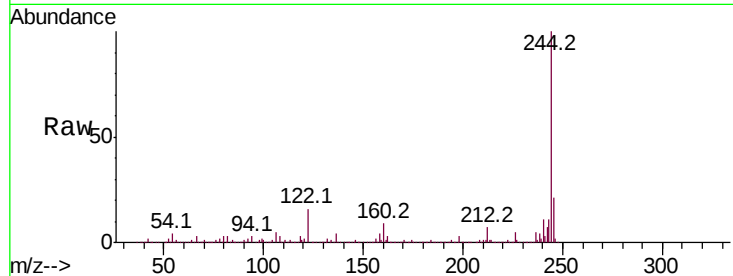
122 16.1 14.2 21.2

Manual Integrations

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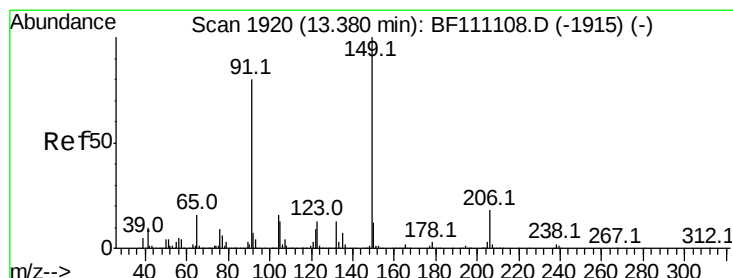
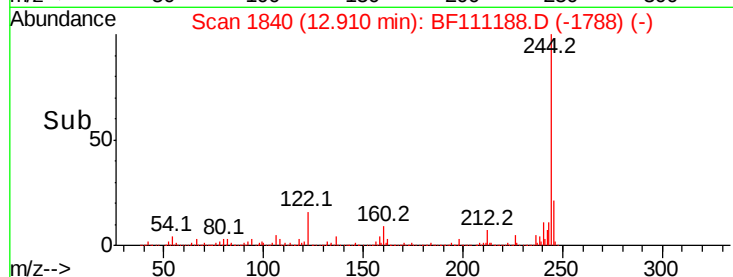
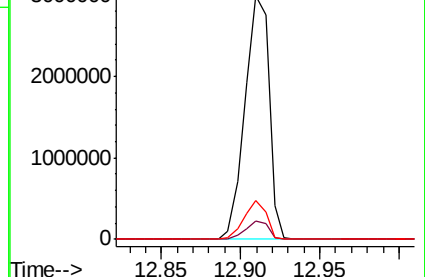
12/11/2018 8:44:43 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.350 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

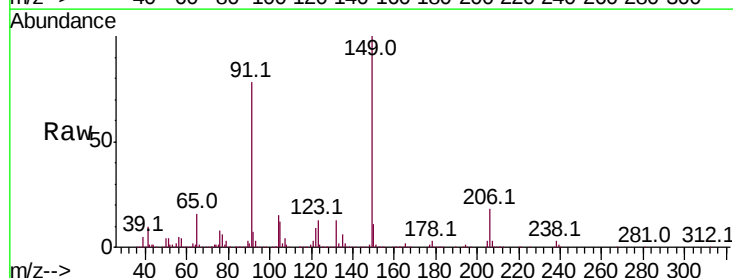
Tgt Ion:149 Resp: 1459051

Ion Ratio Lower Upper

149 100

91 77.6 64.0 96.0

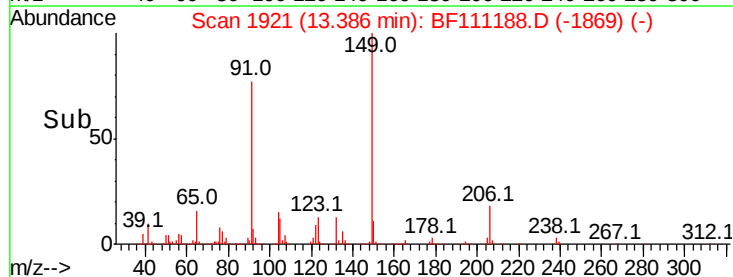
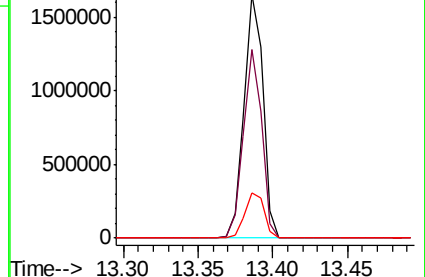
206 18.3 14.1 21.1

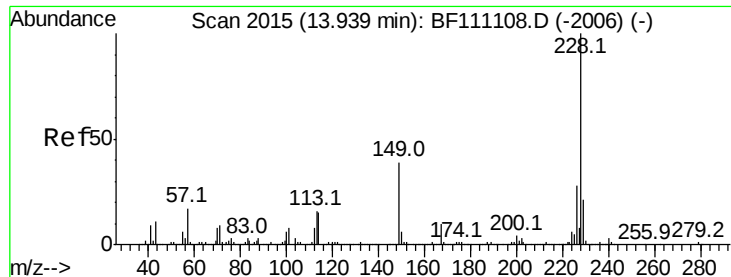


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.129 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Instrument :

BNA_F

ClientSampleId :

PB115194BS

Tot Ion:228 Resp: 2211573

Ion Ratio Lower Upper

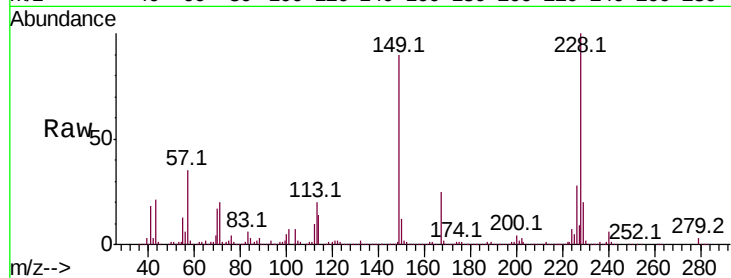
228 100

226 28.1 22.6 34.0

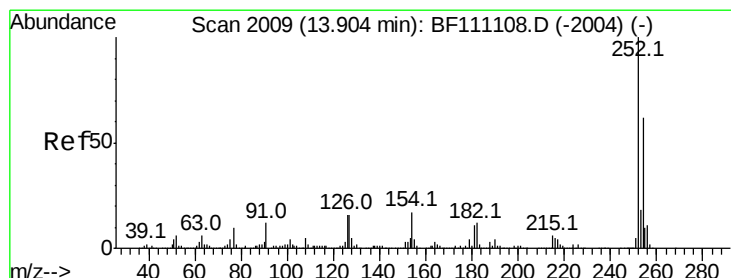
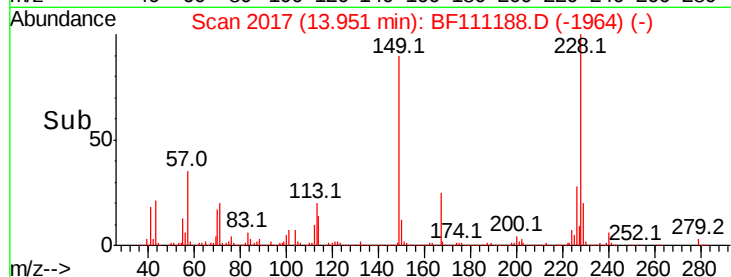
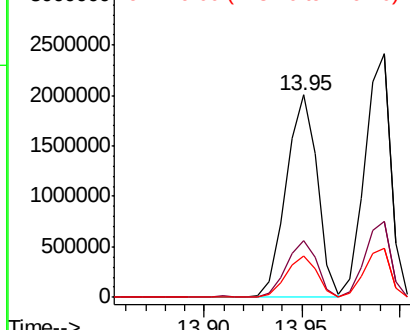
229 20.4 16.7 25.1

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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: 27.023 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Tgt Ion:252 Resp: 499754

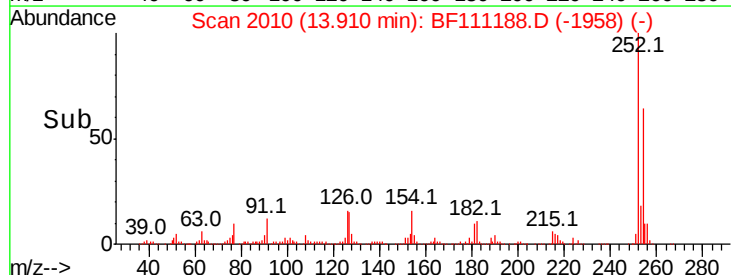
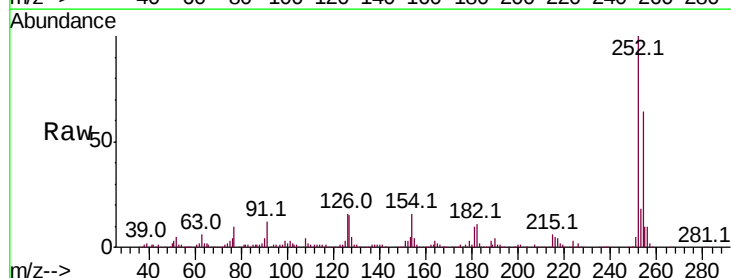
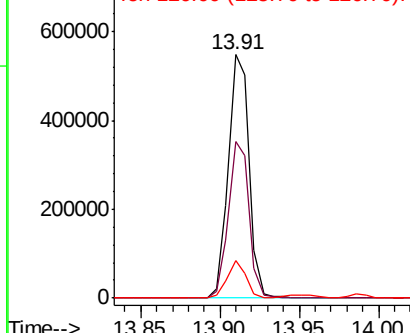
Ion Ratio Lower Upper

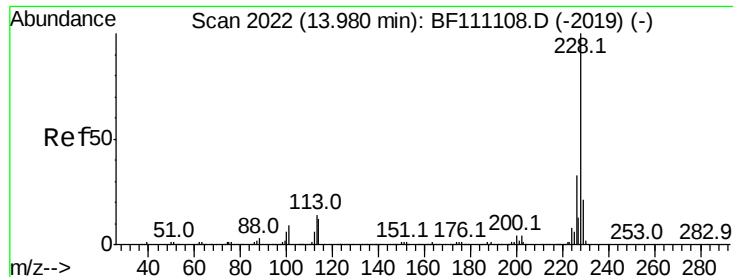
252 100

254 64.2 49.8 74.8

126 15.7 12.9 19.3

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





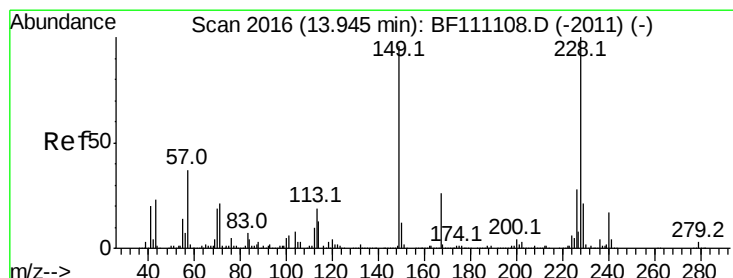
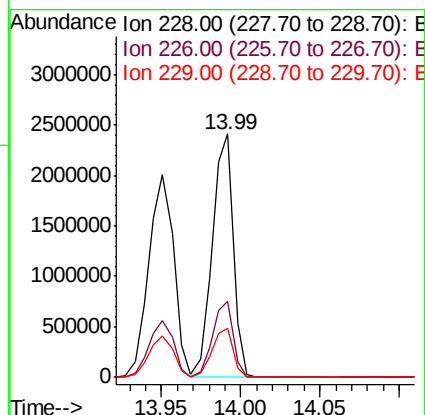
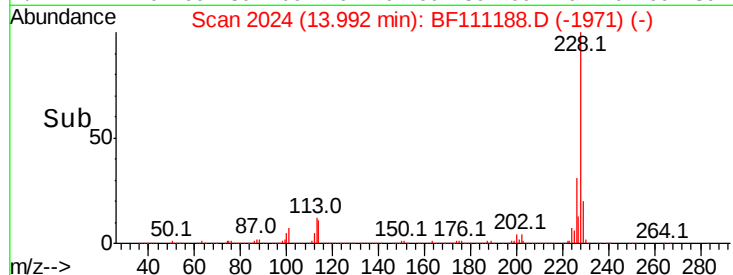
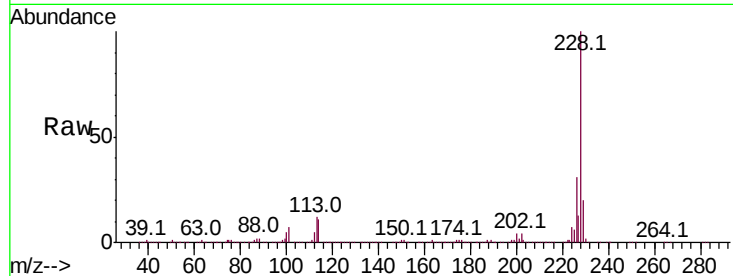
#83
 Chrvsene
 Concen: 45.651 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BF111188.D
 Acq: 7 Dec 2018 15:48

Instrument :
 BNA_F
 ClientSampleId :
 PB115194BS

Tot Ion:228 Resp: 2220910
 Ion Ratio Lower Upper
 228 100
 226 31.1 26.2 39.2
 229 20.1 16.9 25.3

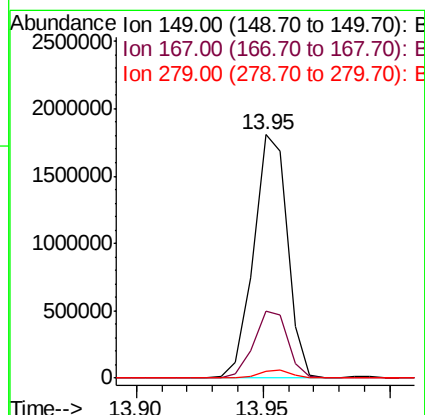
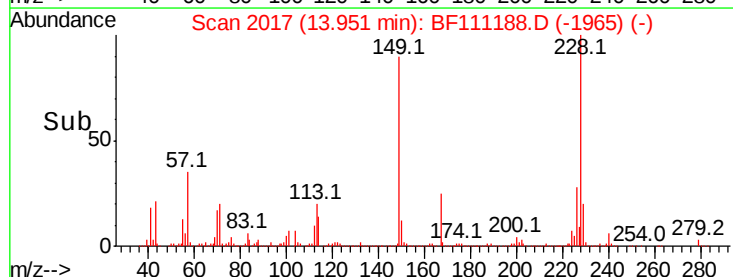
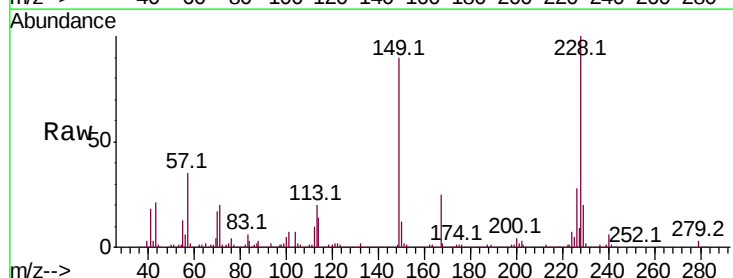
Manual Integrations
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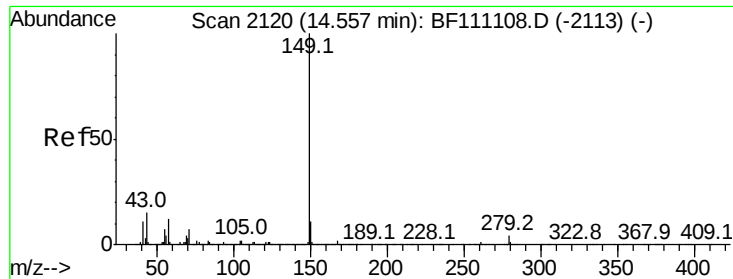
Sohil
 12/11/2018 8:44:43 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.251 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111188.D
 Acq: 7 Dec 2018 15:48

Tgt Ion:149 Resp: 1682573
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.6 32.4
 279 3.0 2.3 3.5





#85

Di-n-octyl phthalate

Concen: 45.710 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Instrument :

BNA_F

ClientSampleId :

PB115194BS

Tot Ion:149 Resp: 2732262

Ion Ratio Lower Upper

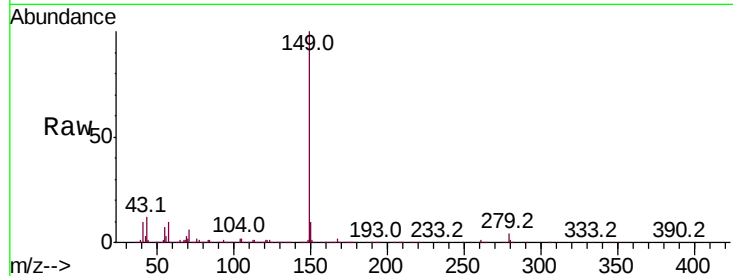
149 100

167 1.6 1.3 1.9

43 13.3 11.9 17.9

Manual Integrations
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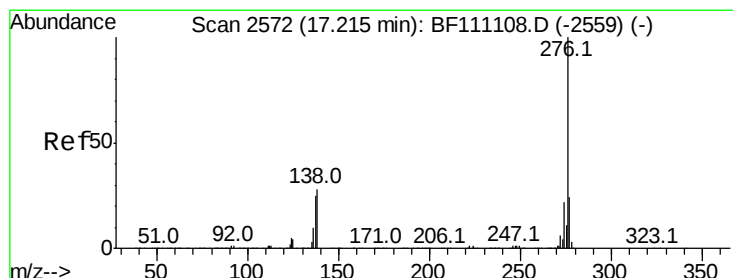
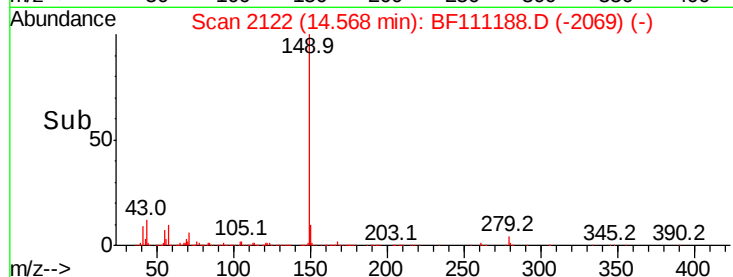
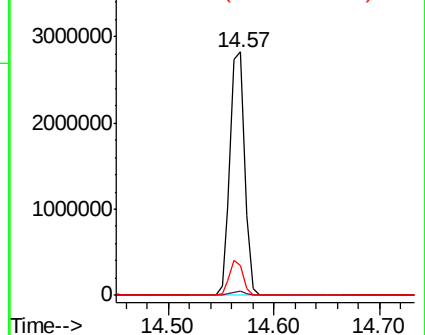
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 45.079 ng

RT: 16.82 min Scan# 2504

Delta R.T. 0.03 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

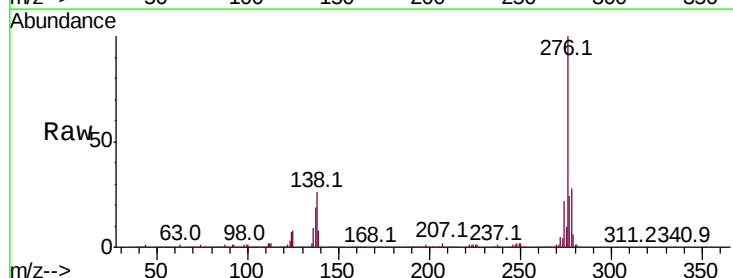
Tgt Ion:276 Resp: 1760814

Ion Ratio Lower Upper

276 100

138 31.2 20.2 30.4#

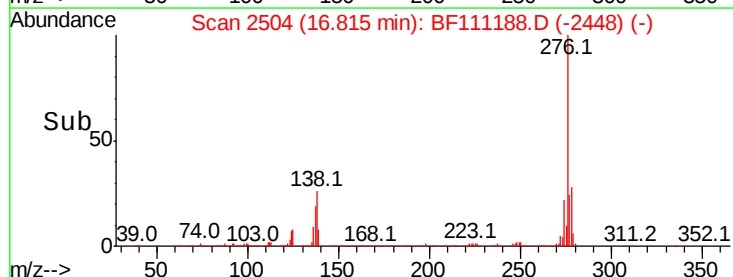
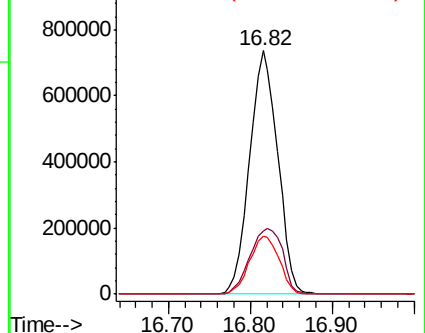
277 25.2 15.8 23.6#

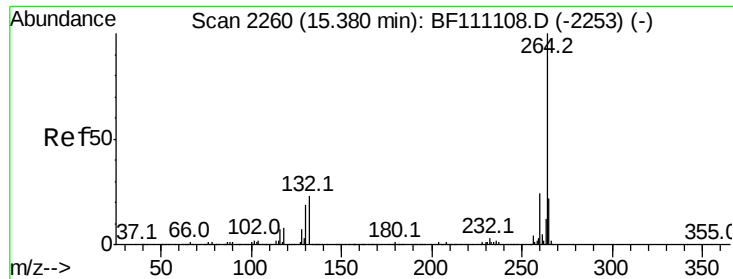


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.02 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Instrument :

BNA_F

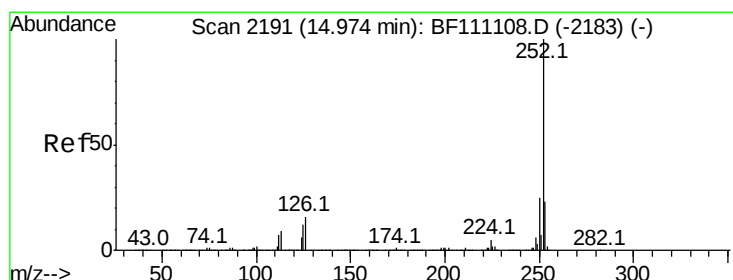
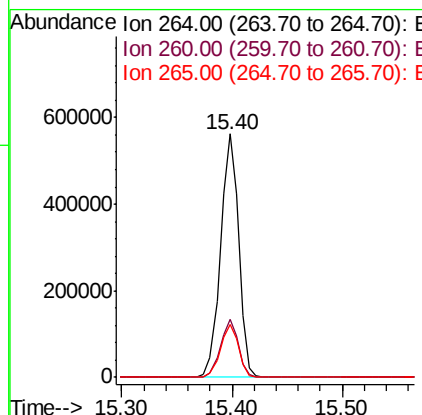
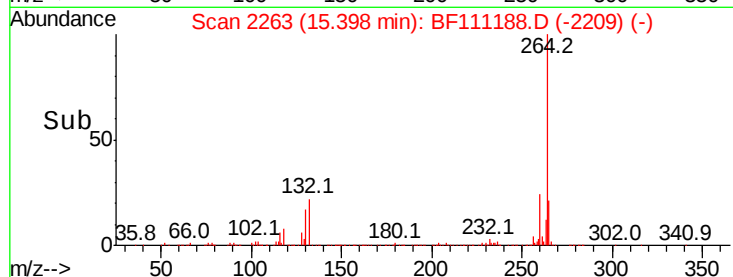
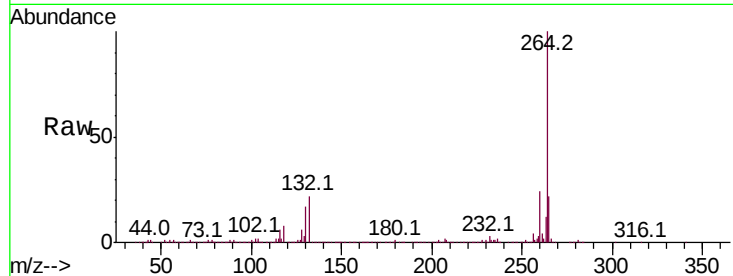
ClientSampleId :

PB115194BS

Tot Ion:	264	Resp:	642128
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.4	29.0
265	21.7	17.4	26.0

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 52.259 ng

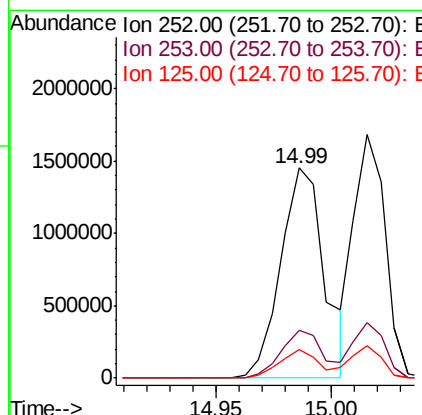
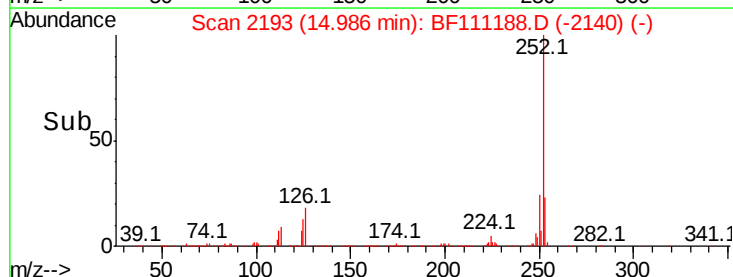
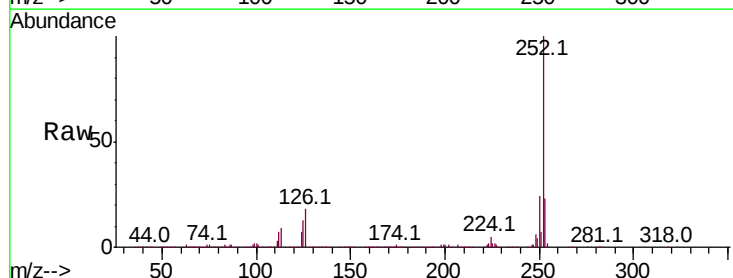
RT: 14.99 min Scan# 2193

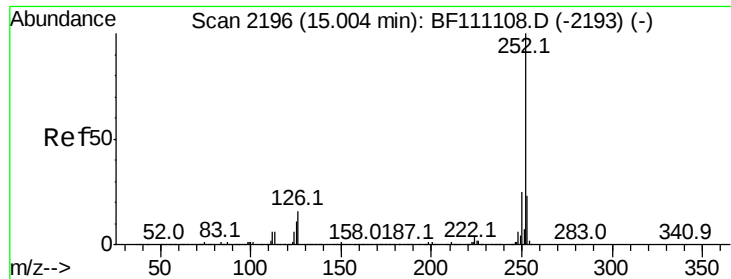
Delta R.T. 0.01 min

Lab File: BF111188.D

Acq: 7 Dec 2018 15:48

Tgt Ion:	252	Resp:	1901495
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.5	27.7
125	13.4	9.9	14.9





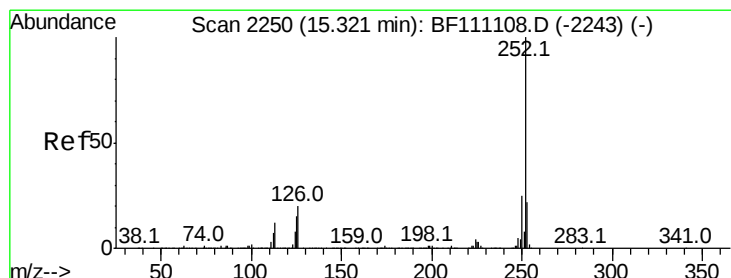
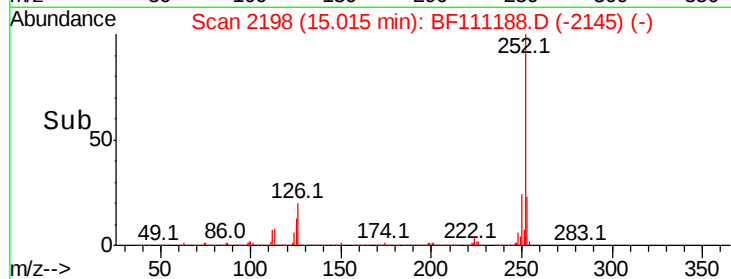
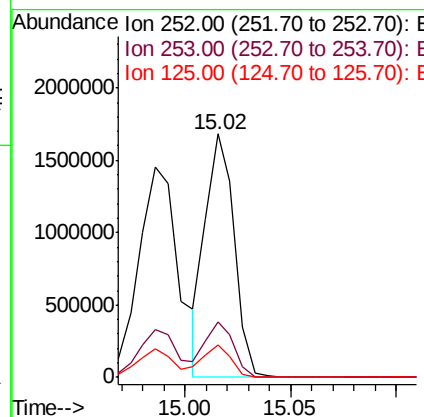
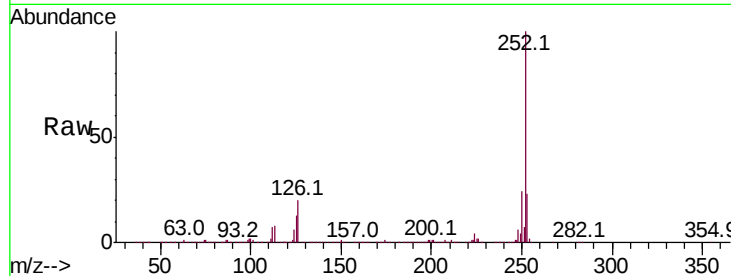
#89
Benzo(k)fluoranthene
Concen: 45.385 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion:252 Resp: 1596429
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 13.2 9.9 14.9

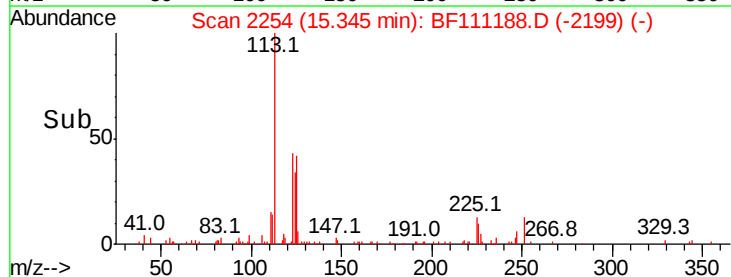
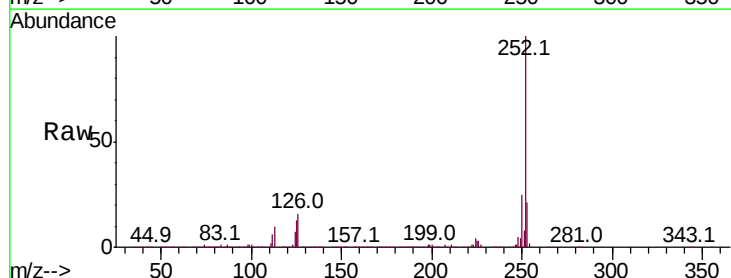
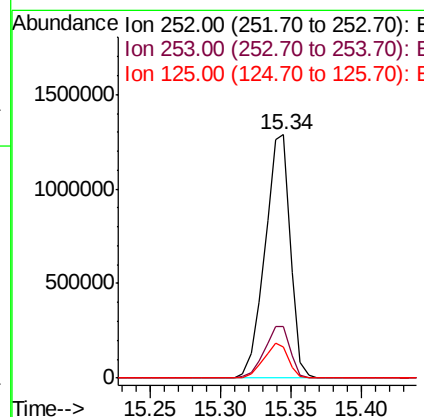
Manual Integrations
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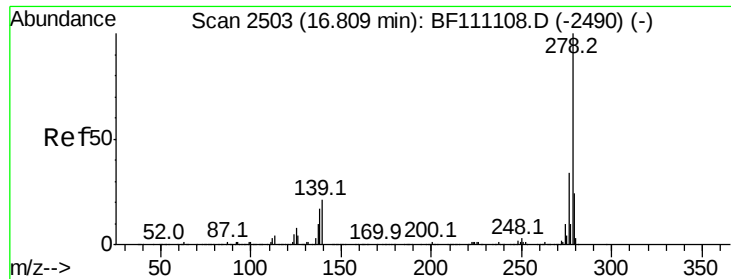
Sohil
12/11/2018 8:44:43 AM



#90
Benzo(a)pyrene
Concen: 48.825 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.02 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion:252 Resp: 1629513
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 12.6 12.4 18.6





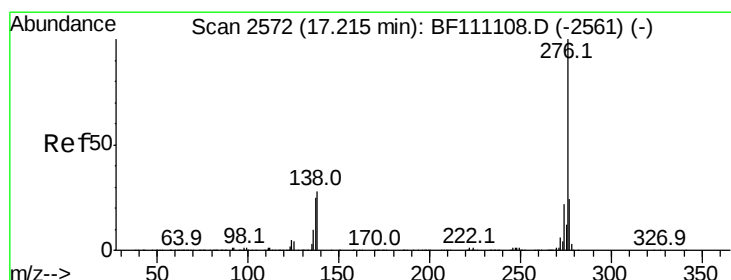
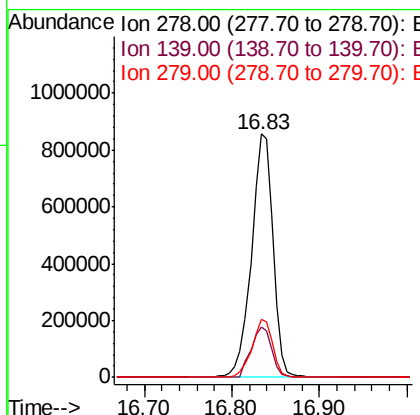
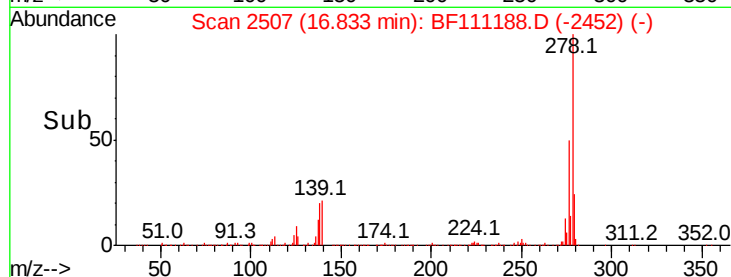
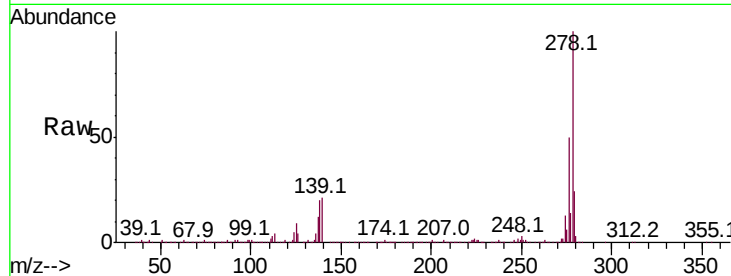
#91
Dibenzo(a,h)anthracene
Concen: 51.599 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.02 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Tot Ion:278 Resp: 1445151
Ion Ratio Lower Upper
278 100
139 20.8 16.6 25.0
279 23.7 18.8 28.2

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:43 AM



#92
Benzo(g,h,i)perylene
Concen: 53.420 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.03 min
Lab File: BF111188.D
Acq: 7 Dec 2018 15:48

Tgt Ion:276 Resp: 1503483
Ion Ratio Lower Upper
276 100
277 23.3 19.3 28.9
138 28.0 22.3 33.5

