Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
Data File : BF108355.D
Acq On : 21 Aug 2018 23:25
Operator : JU/SJ
Sample : J4521-01MS 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT2286MS

Quant Time: Aug 22 00:45:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 15:20:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	161455	20.00	ng		-0.01
21) Naphthalene-d8	8.29	136	625634	20.00	ng		-0.01
38) Acenaphthene-d10	10.05	164	283492	20.00	ng		-0.02
63) Phenanthrene-d10	11.54	188	468372	20.00	ng		-0.02
75) Chrysene-d12	14.20	240	361510	20.00	ng		-0.02
86) Perylene-d12	15.75	264	324827	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	69797	7.83	ng		-0.01
7) Phenol-d6	6.61	99	122726	10.36	ng		-0.02
23) Nitrobenzene-d5	7.56	82	78904	7.04	ng		-0.02
41) 2,4,6-Tribromophenol	10.84	330	31082	10.99	ng		-0.02
44) 2-Fluorobiphenyl	9.36	172	194275	11.00	ng		-0.02
78) Terphenyl-d14	13.12	244	145213	10.21	ng		-0.02
Target Compounds							Qvalue
8) 2-Chlorophenol	6.78	128	26591	2.647	ng		96
10) Phenol	6.63	94	36630	2.988	ng		94
11) bis(2-Chloroethyl)ether	6.72	93	23963	2.418	ng		93
12) 1,3-Dichlorobenzene	6.94	146	25391	2.186	ng		97
13) 1,4-Dichlorobenzene	7.02	146	26269	2.251	ng		98
14) 1,2-Dichlorobenzene	7.17	146	25552	2.354	ng		97
15) Benzyl Alcohol	7.14	79	26955	2.702	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	50718	2.484	ng		99
17) 2-Methylphenol	7.24	107	26287	3.052	ng		97
19) n-Nitroso-di-n-propylamine	7.40	70	25991	3.243	ng		91
20) 3+4-Methylphenols	7.40	107	37712	3.417	ng	#	86
22) Acetophenone	7.40	105	46686	3.191	ng	#	89
24) Nitrobenzene	7.58	77	33863	2.987	ng		92
25) Isophorone	7.81	82	74543	3.488	ng		94
26) 2-Nitrophenol	7.90	139	12551	2.931	ng	#	88
27) 2,4-Dimethylphenol	7.92	122	33409	3.522	ng		98
28) bis(2-Chloroethoxy)methane	8.02	93	43816	3.512	ng		98
29) 2,4-Dichlorophenol	8.14	162	30847	3.534	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	30499	3.169	ng		97
31) Naphthalene	8.31	128	101526	3.568	ng		97
32) Benzoic acid	7.99	122	2176	6.321	ng	#	85
34) Hexachlorobutadiene	8.42	225	18958	3.112	ng		97
35) Caprolactam	8.68	113	9546	3.490	ng		95
36) 4-Chloro-3-methylphenol	8.82	107	34484	3.662	ng		98
37) 2-Methylnaphthalene	9.00	142	75326	3.742	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	37864	4.349	ng	#	95
42) 2,4,6-Trichlorophenol	9.28	196	22583	4.180	ng		98
43) 2,4,5-Trichlorophenol	9.31	196	24230	4.074	ng		93
45) 1,1'-Biphenyl	9.46	154	96935	4.638	ng		97
46) 2-Chloronaphthalene	9.49	162	72540	4.391	ng		96
47) 2-Nitroaniline	9.58	65	22367	4.184	ng		85
48) Acenaphthylene	9.91	152	113889	4.361	ng		99
49) Dimethylphthalate	9.75	163	98114	4.968	ng		99
50) 2,6-Dinitrotoluene	9.82	165	15958	3.862	ng		97

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Sample : J4521-01MS 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT2286MS

Quant Time: Aug 22 00:45:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 15:20:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	10.08	154	68200	4.263	ng		98
52) 3-Nitroaniline	10.00	138	14797	3.273	ng		100
54) Dibenzofuran	10.25	168	104054	4.490	ng		98
55) 4-Nitrophenol	10.15	139	17992	5.256	ng		86
56) 2,4-Dinitrotoluene	10.23	165	18119	3.407	ng	#	95
57) Fluorene	10.60	166	80764	4.402	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.37	232	16101	3.239	ng	#	87
59) Diethylphthalate	10.45	149	84235	4.405	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	40056	4.190	ng		91
61) 4-Nitroaniline	10.61	138	16075	3.597	ng		95
62) Azobenzene	10.74	77	76841	3.891	ng		94
64) 4,6-Dinitro-2-methylphenol	10.64	198	108	5.413	ng	#	1
65) n-Nitrosodiphenylamine	10.70	169	69096	4.992	ng		97
66) 4-Bromophenyl-phenylether	11.08	248	23330	4.584	ng		87
67) Hexachlorobenzene	11.15	284	22265	4.157	ng	#	89
68) Atrazine	11.22	200	21764	4.688	ng		98
69) Pentachlorophenol	11.34	266	10227	3.990	ng		98
70) Phenanthrene	11.57	178	139749	6.326	ng		98
71) Anthracene	11.62	178	118521	5.235	ng		98
72) Carbazole	11.77	167	82447	4.098	ng		99
73) Di-n-butylphthalate	12.09	149	118517	5.201	ng		98
74) Fluoranthene	12.77	202	191278	7.934	ng		94
76) Benzidine	12.88	184	28069	2.078	ng		96
77) Pyrene	13.00	202	183338	8.010	ng		98
79) Butylbenzylphthalate	13.60	149	37362	4.111	ng		97
80) Benzo(a)anthracene	14.18	228	133538	6.437	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	21558	2.899	ng		97
82) Chrysene	14.22	228	121815	6.404	ng		98
83) Bis(2-ethylhexyl)phthalate	14.15	149	56315	4.576	ng		99
84) Di-n-octyl phthalate	14.77	149	94193	5.018	ng	#	90
85) Indeno(1,2,3-cd)pyrene	17.36	276	76240	4.626	ng	#	92
87) Benzo(b)fluoranthene	15.28	252	133791	6.893	ng		99
88) Benzo(k)fluoranthene	15.31	252	88639	4.968	ng		98
89) Benzo(a)pyrene	15.68	252	107752	6.199	ng		99
90) Dibenzo(a,h)anthracene	17.38	278	56883	3.955	ng		97
91) Benzo(g,h,i)perylene	17.85	276	60920	4.302	ng	#	90

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

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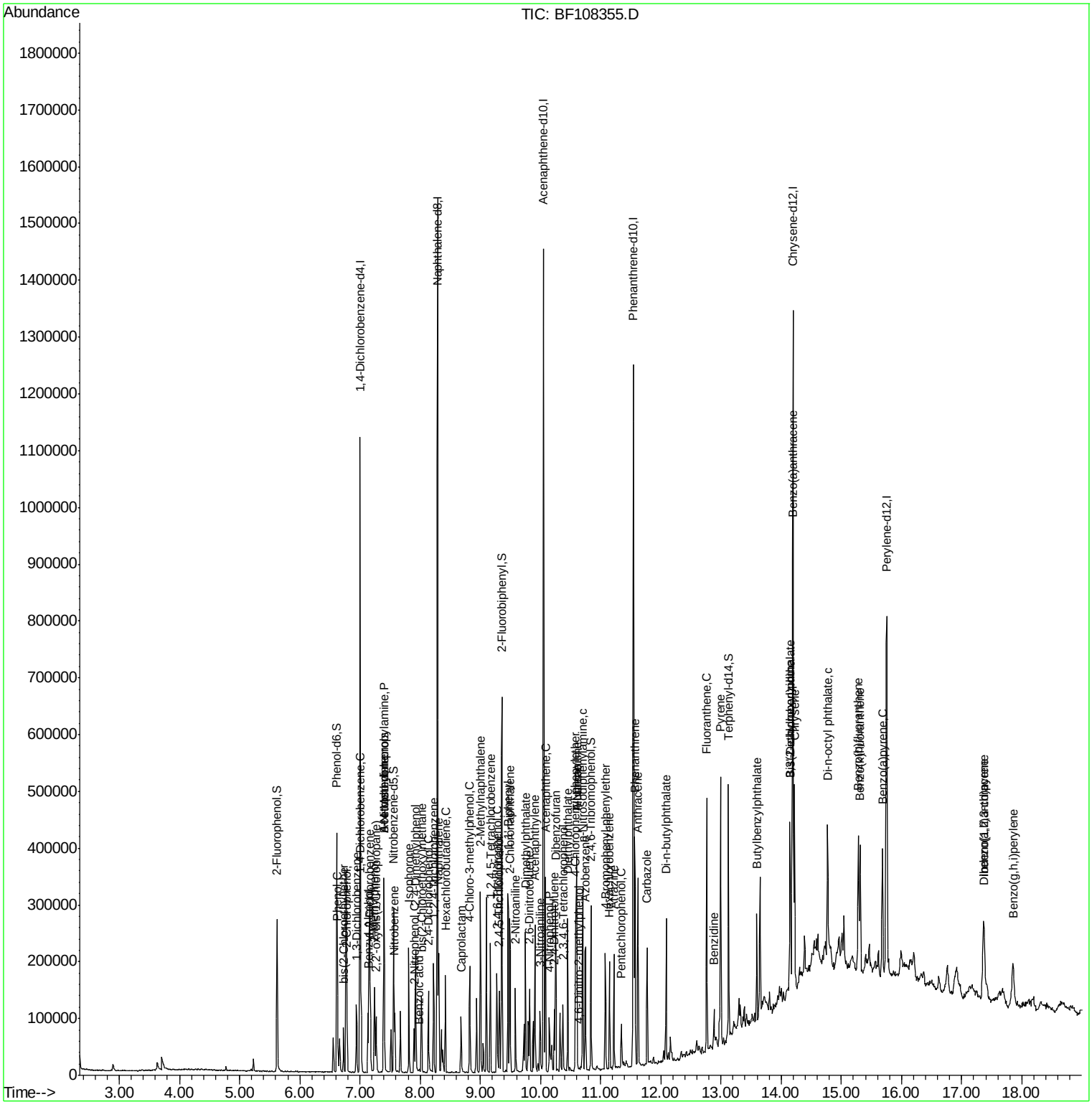
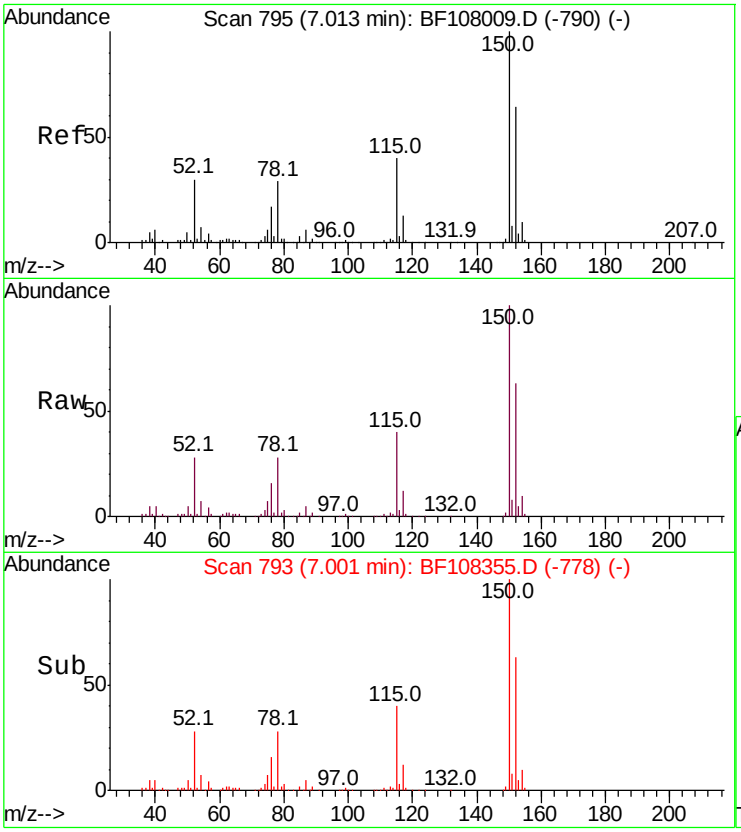


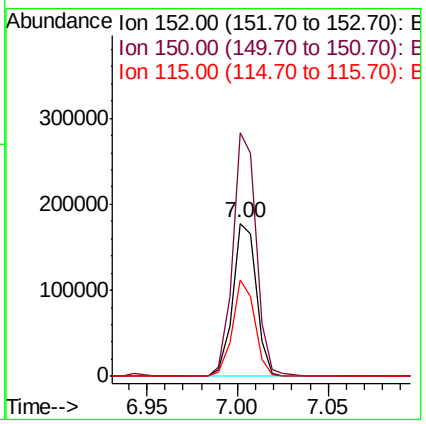


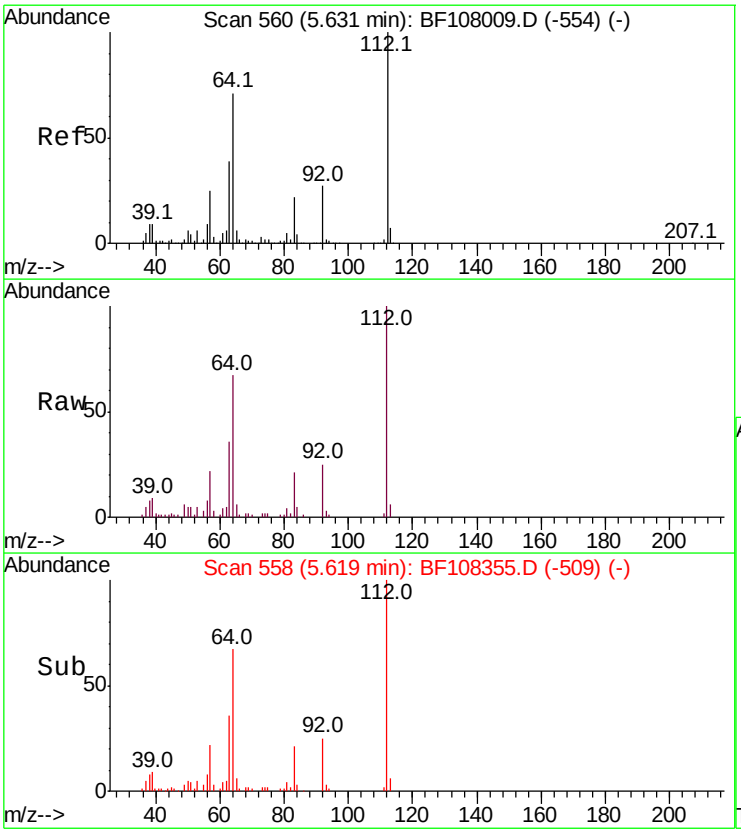
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:152 Resp: 161455

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	63.2	50.1	75.1

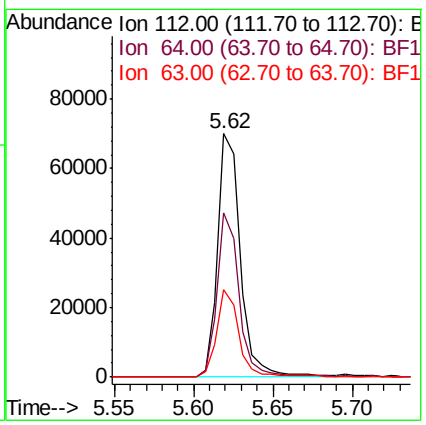


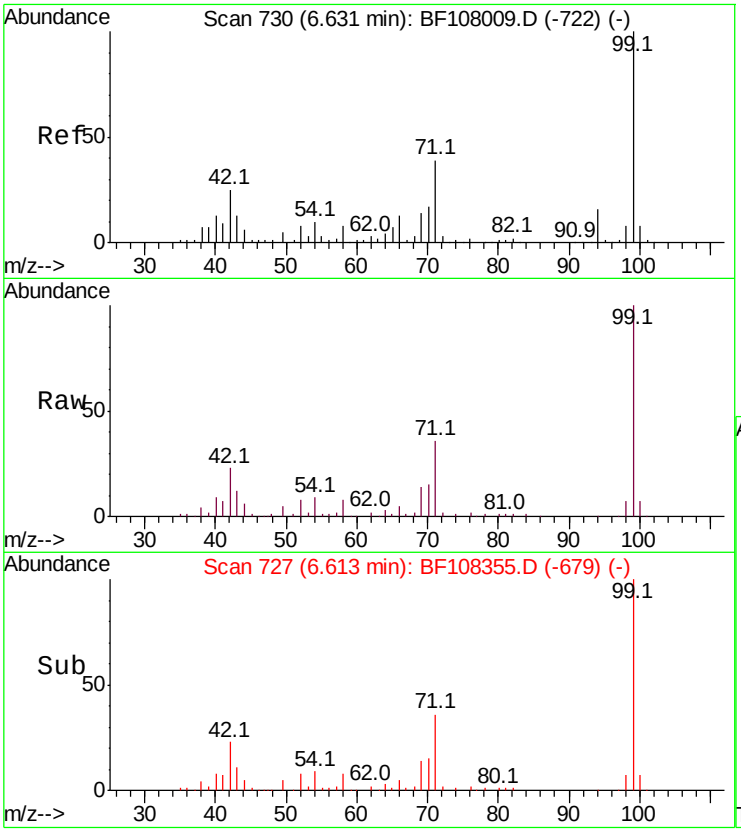


#5
2-Fluorophenol
Concen: 7.827 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:112 Resp: 69797

Ion	Ratio	Lower	Upper
112	100		
64	67.4	47.9	71.9
63	35.8	23.7	35.5#



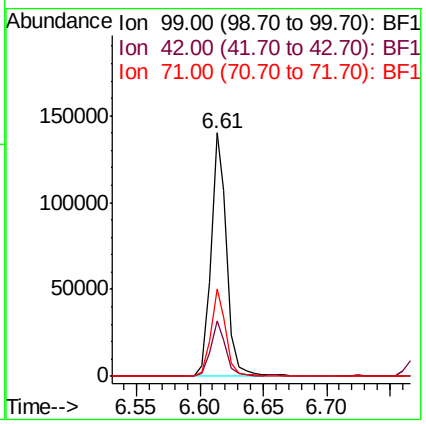


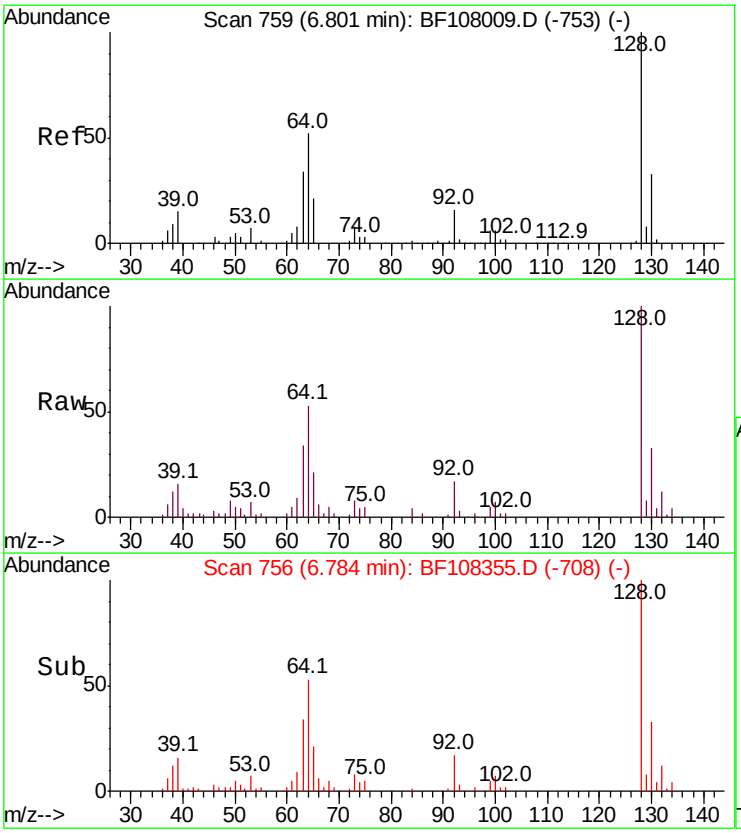
#7
Phenol-d6
Concen: 10.356 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 99 Resp: 122726

Ion	Ratio	Lower	Upper
99	100		
42	22.8	14.5	21.7#
71	35.8	25.4	38.0

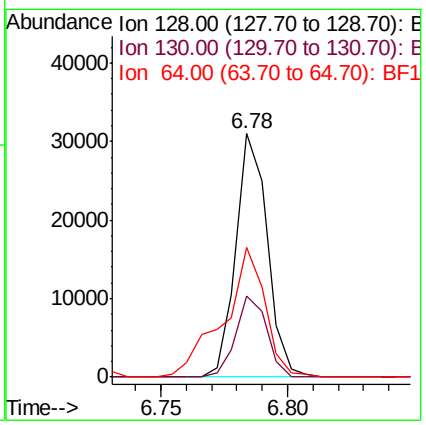


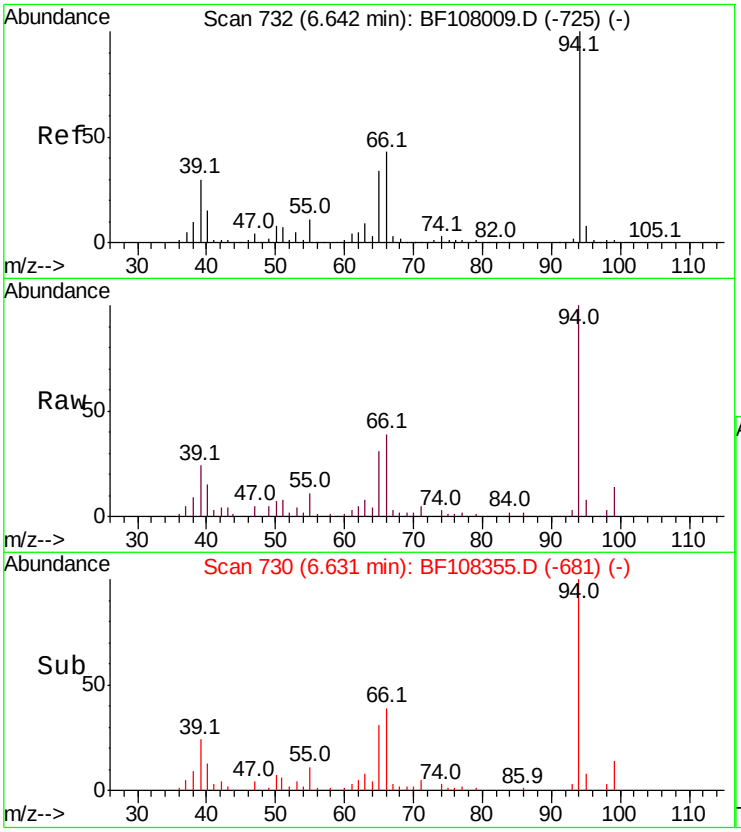


#8
2-Chlorophenol
Concen: 2.647 ng
RT: 6.78 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:128 Resp: 26591

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.0	53.0
64	53.1	29.4	69.4



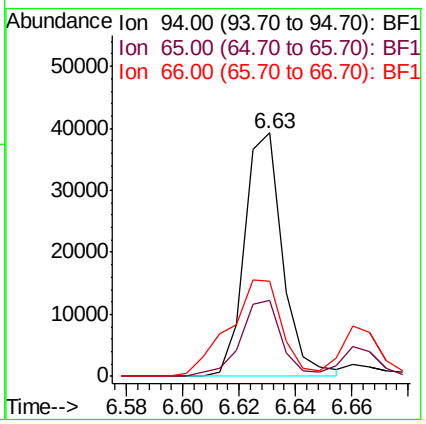


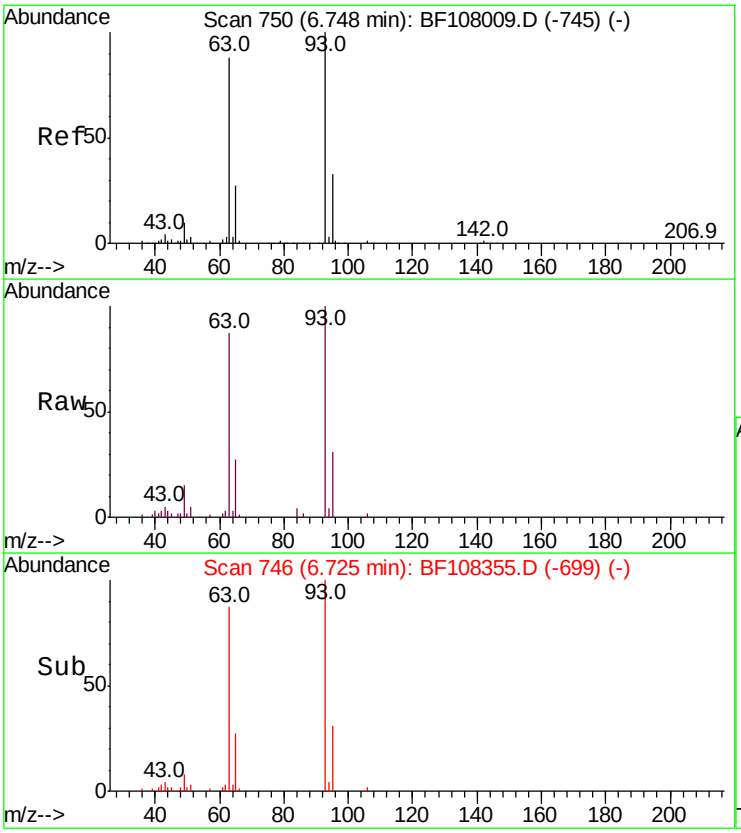
#10
Phenol
Concen: 2.988 ng
RT: 6.63 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 94 Resp: 36630

Ion	Ratio	Lower	Upper
94	100		
65	31.1	7.9	47.9
66	39.3	16.2	56.2

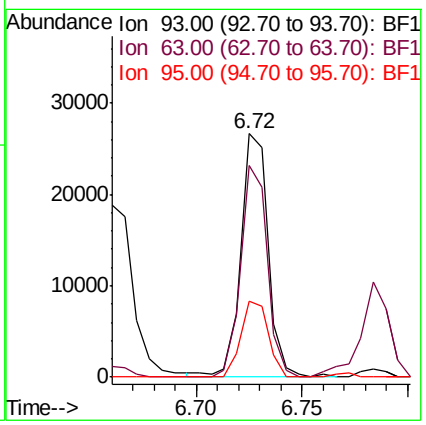


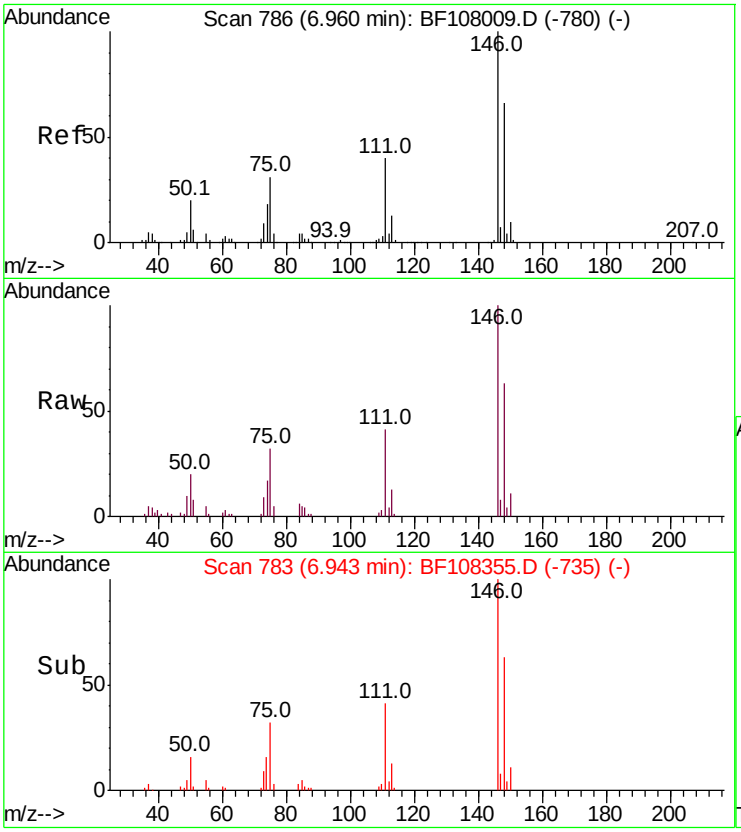


#11
bis(2-Chloroethyl)ether
Concen: 2.418 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion: 93 Resp: 23963

Ion	Ratio	Lower	Upper
93	100		
63	87.1	58.6	98.6
95	31.0	11.8	51.8



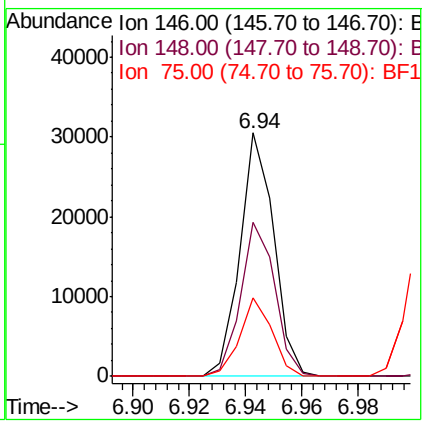


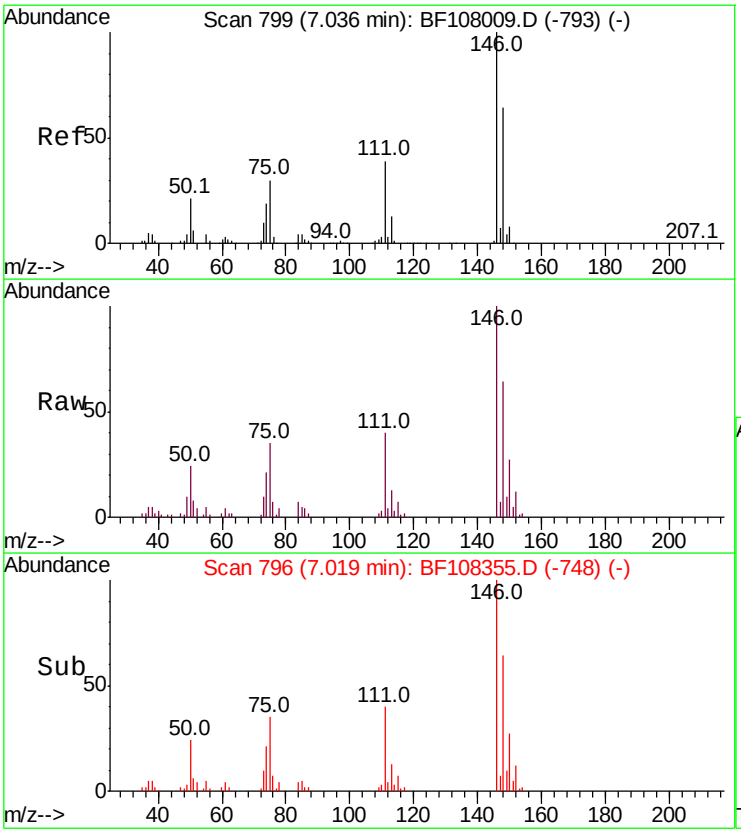
#12
1,3-Dichlorobenzene
Concen: 2.186 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:146 Resp: 25391

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	32.4	24.2	36.4

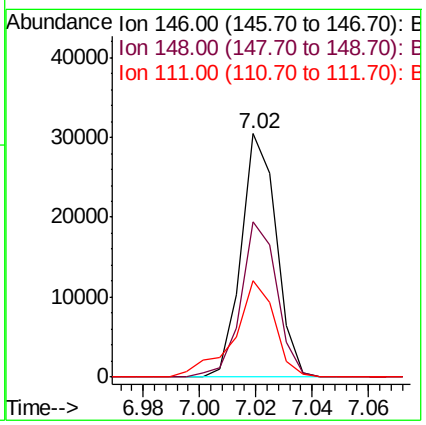


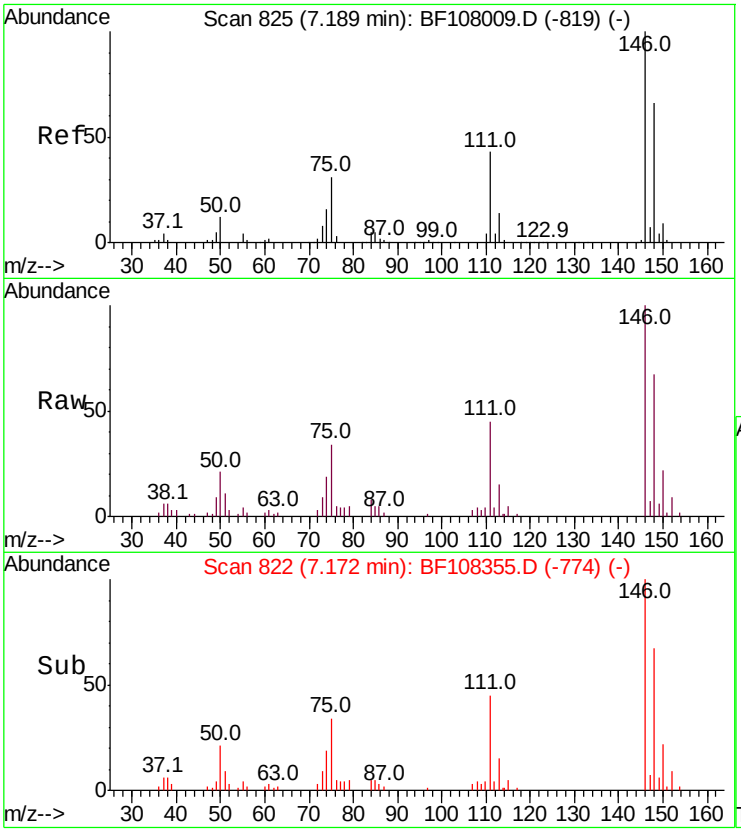


#13
1,4-Dichlorobenzene
Concen: 2.251 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:146 Resp: 26269

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	39.6	34.2	51.2

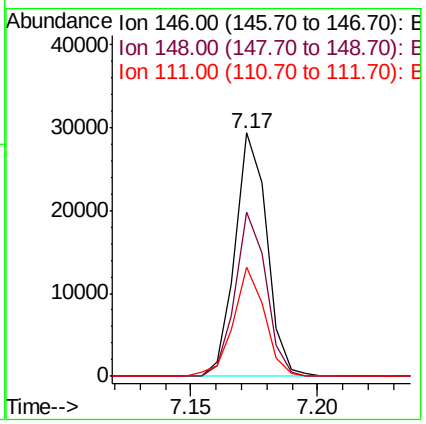




#14
1,2-Dichlorobenzene
Concen: 2.354 ng
RT: 7.17 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:146 Resp: 25552

Ion	Ratio	Lower	Upper
146	100		
148	67.4	50.6	75.8
111	45.1	36.0	54.0



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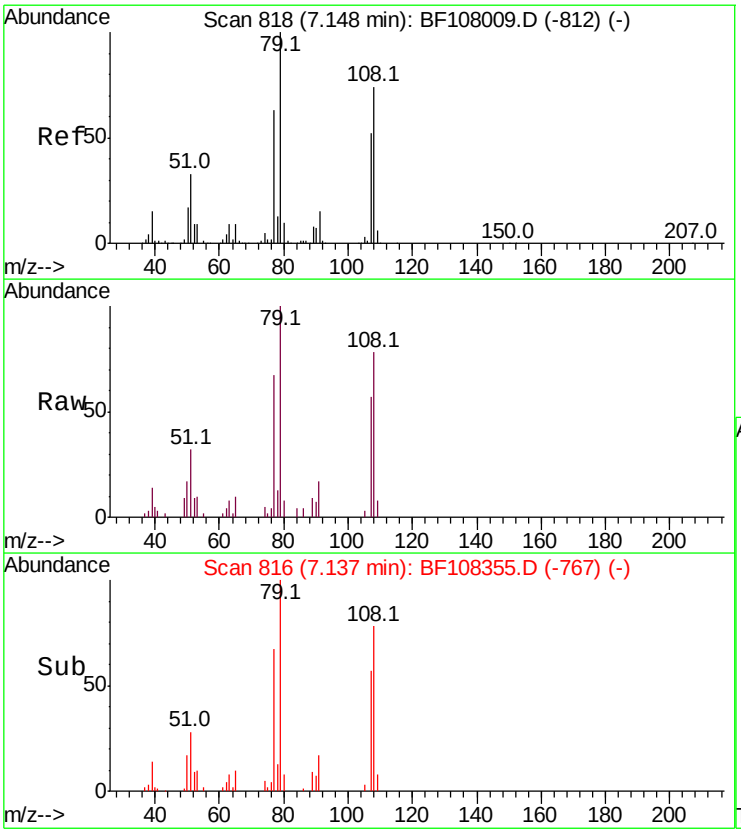
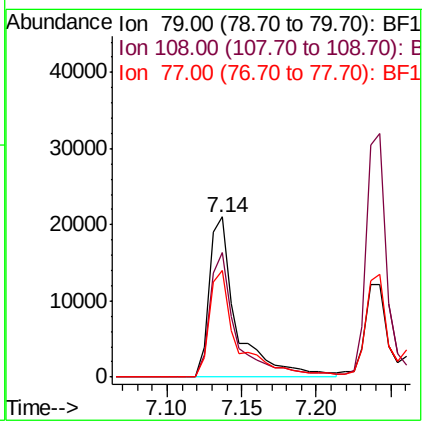
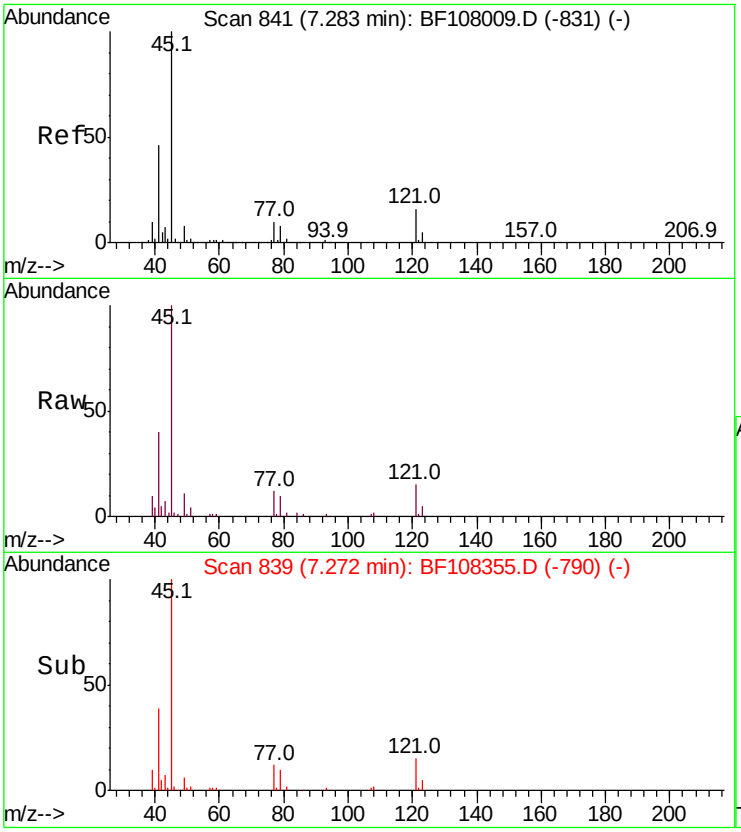


#15
Benzyl Alcohol
Concen: 2.702 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion: 79 Resp: 26955

Ion	Ratio	Lower	Upper
79	100		
108	77.9	65.1	97.7
77	66.7	50.6	75.8



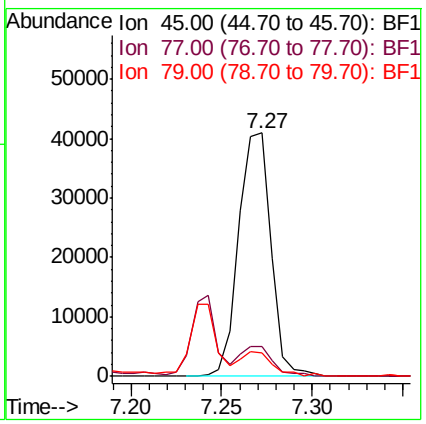


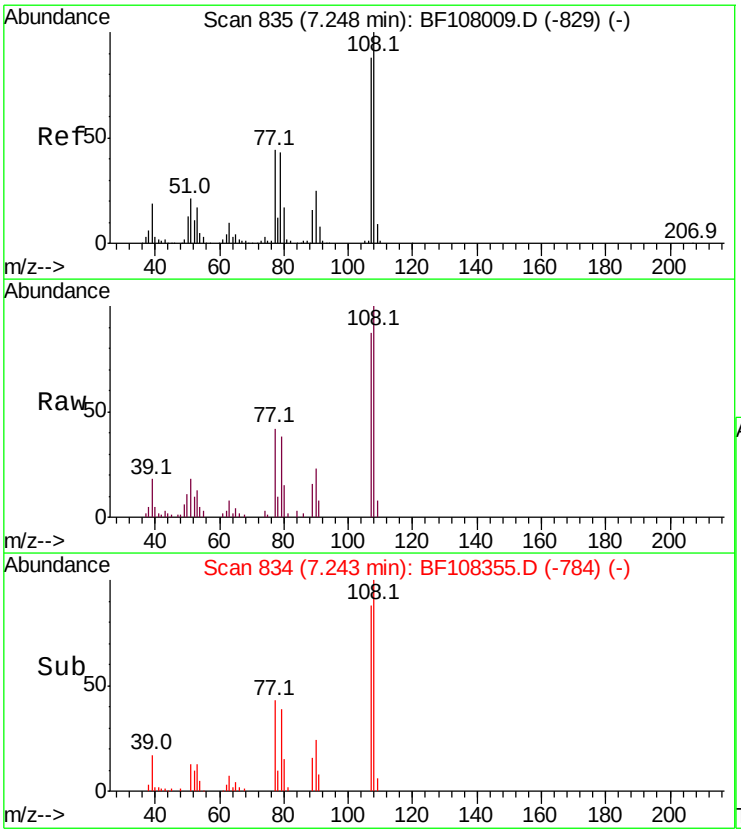
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.484 ng
RT: 7.27 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 45 Resp: 50718

Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	32.9
79	9.7	0.0	29.6

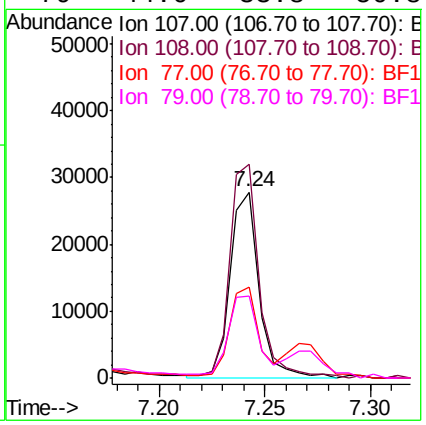


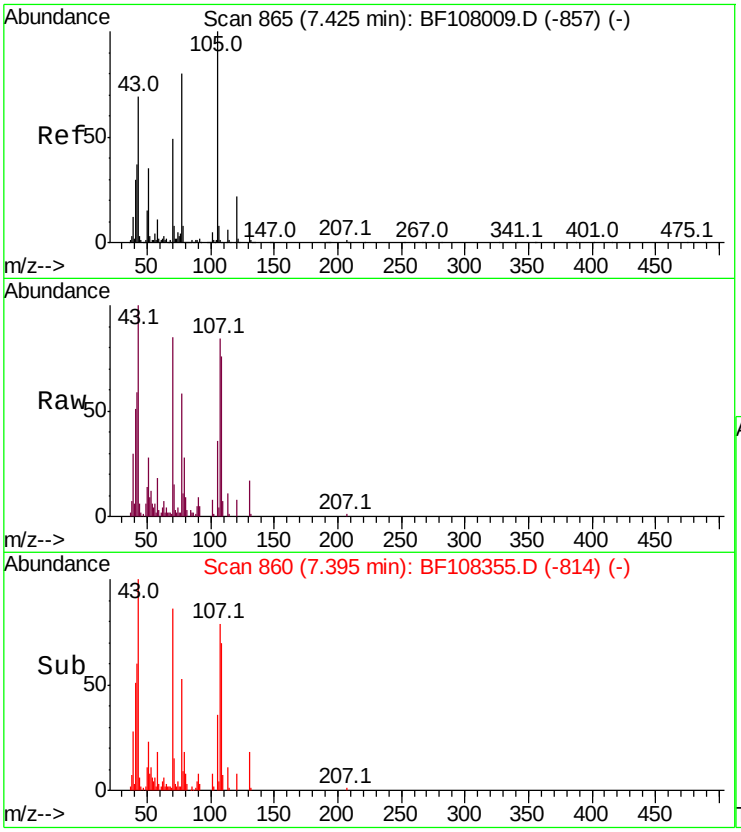


#17
2-Methylphenol
Concen: 3.052 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:107 Resp: 26287

Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.7	137.5
77	48.9	33.8	50.8
79	44.0	33.8	50.8



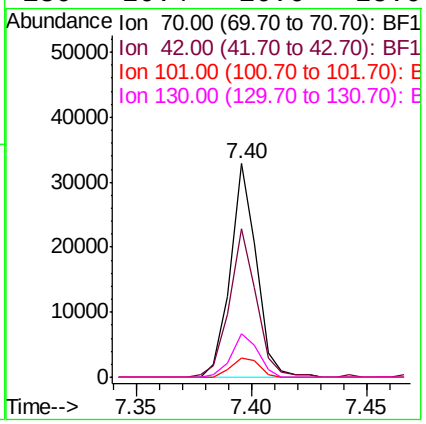


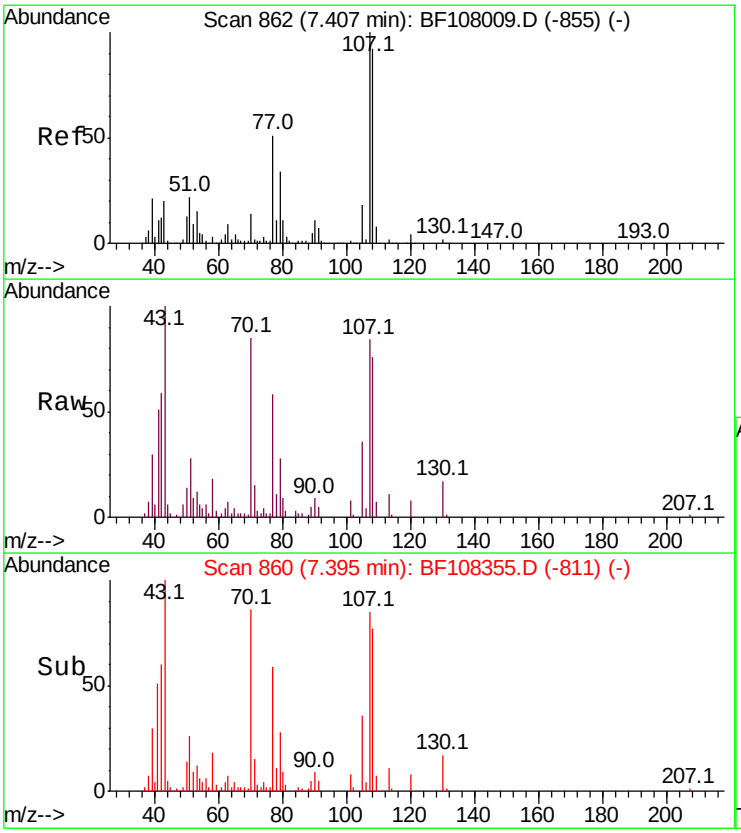
#19
n-Nitroso-di-n-propylamine
Concen: 3.243 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 70 Resp: 25991

Ion	Ratio	Lower	Upper
70	100		
42	69.6	47.5	71.3
101	9.1	7.4	11.2
130	20.4	16.6	25.0

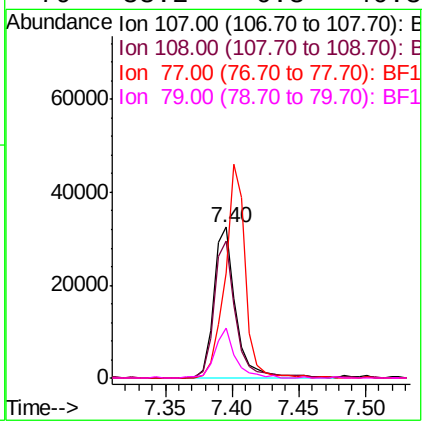


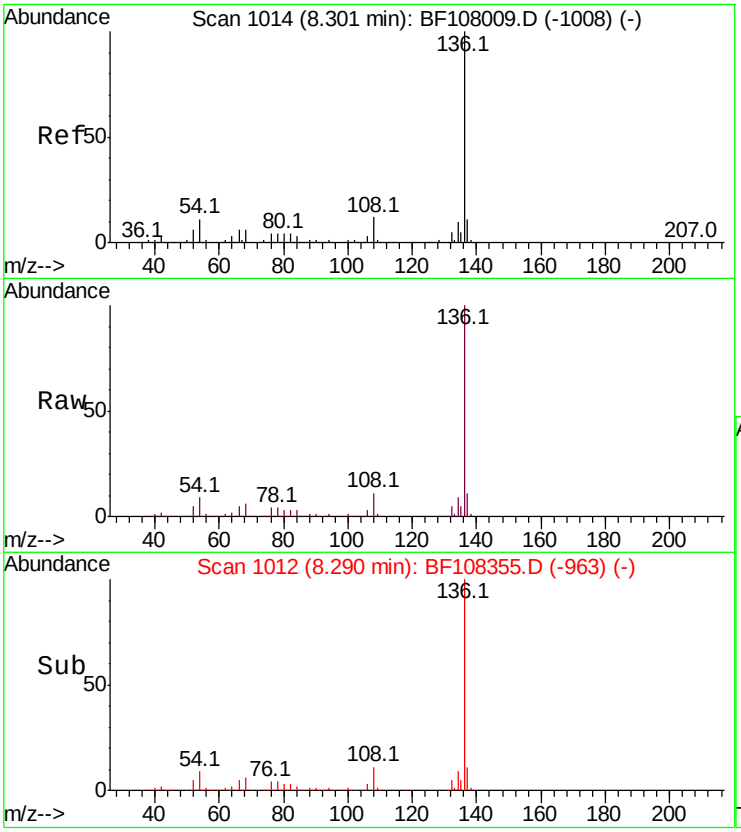


#20
3+4-Methylphenols
Concen: 3.417 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:107 Resp: 37712

Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	69.5	26.7	66.7#
79	33.2	6.3	46.3



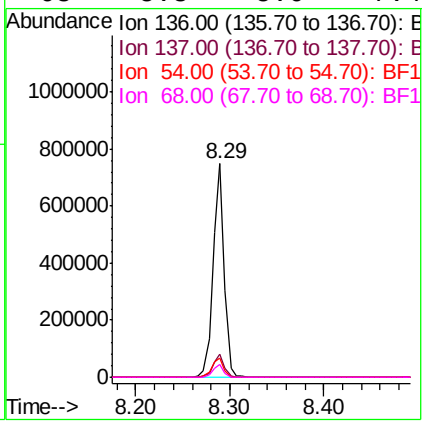


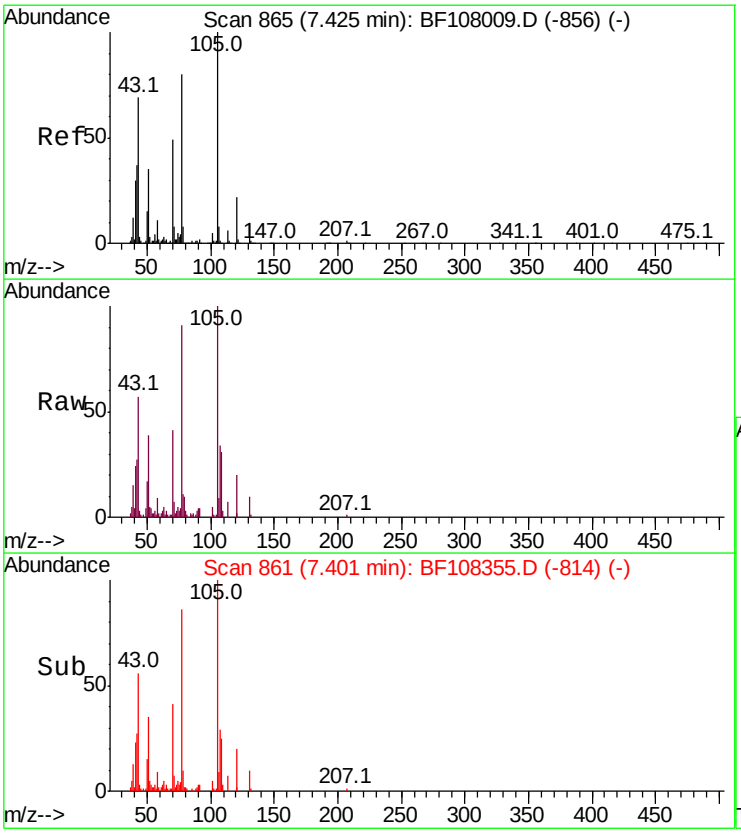
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:136 Resp: 625634

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.0	6.6	9.8
68	5.8	5.0	7.4

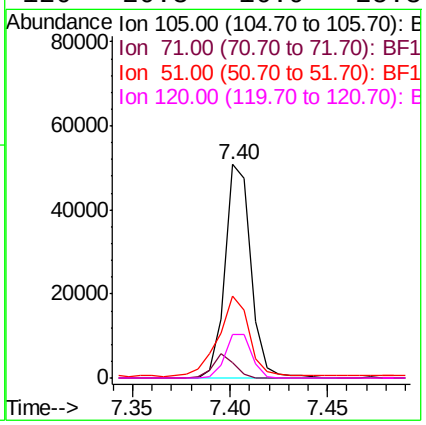


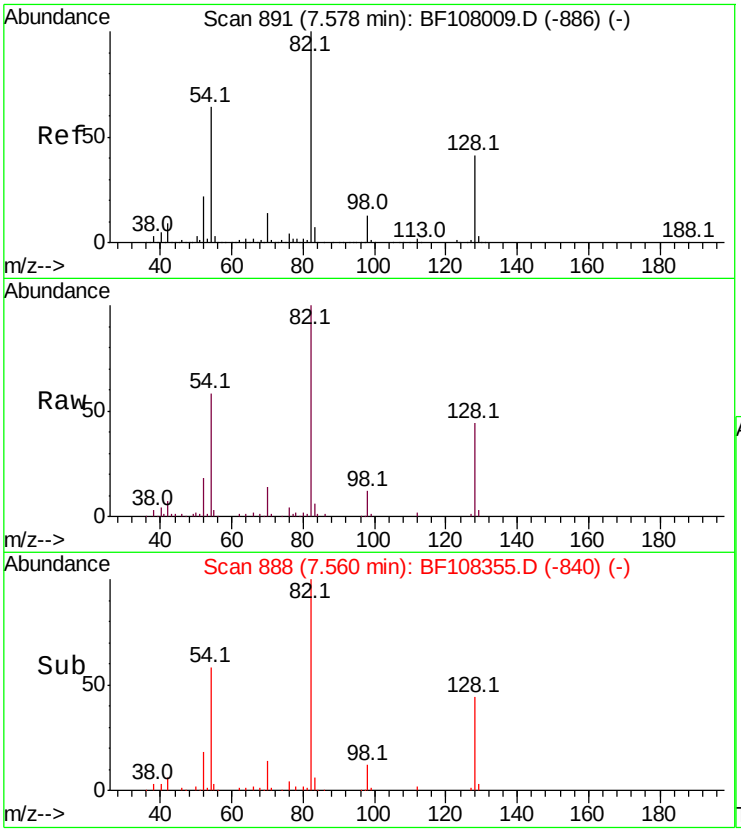


#22
Acetophenone
Concen: 3.191 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:105 Resp: 46686

Ion	Ratio	Lower	Upper
105	100		
71	6.9	4.4	6.6#
51	38.5	22.3	33.5#
120	20.3	16.9	25.3



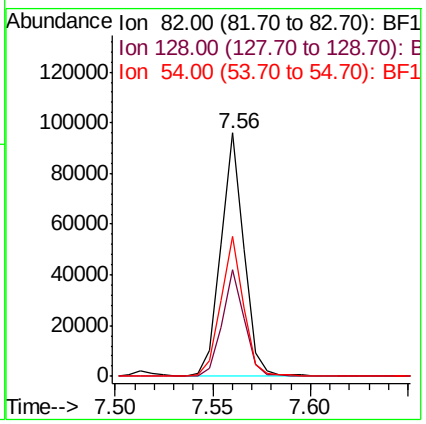


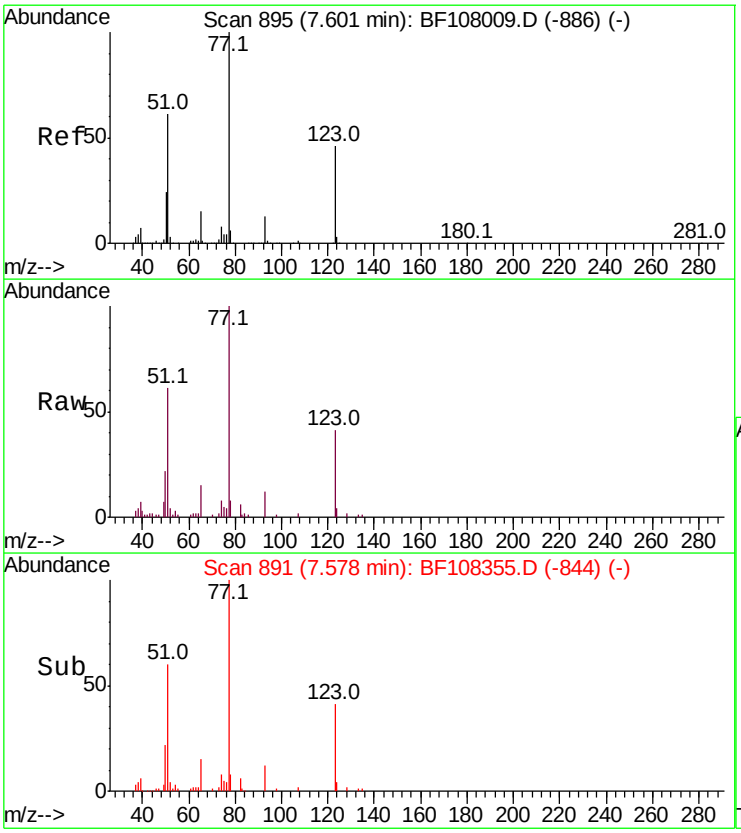
#23
Nitrobenzene-d5
Concen: 7.038 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 82 Resp: 78904

Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	57.5	41.4	62.2

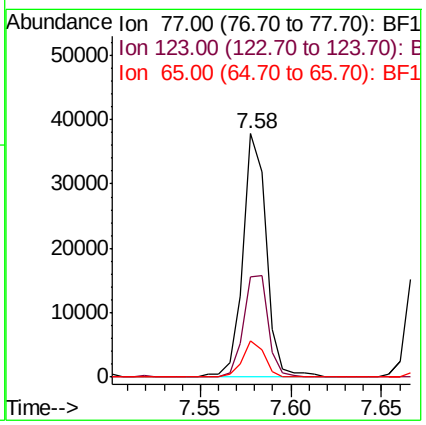


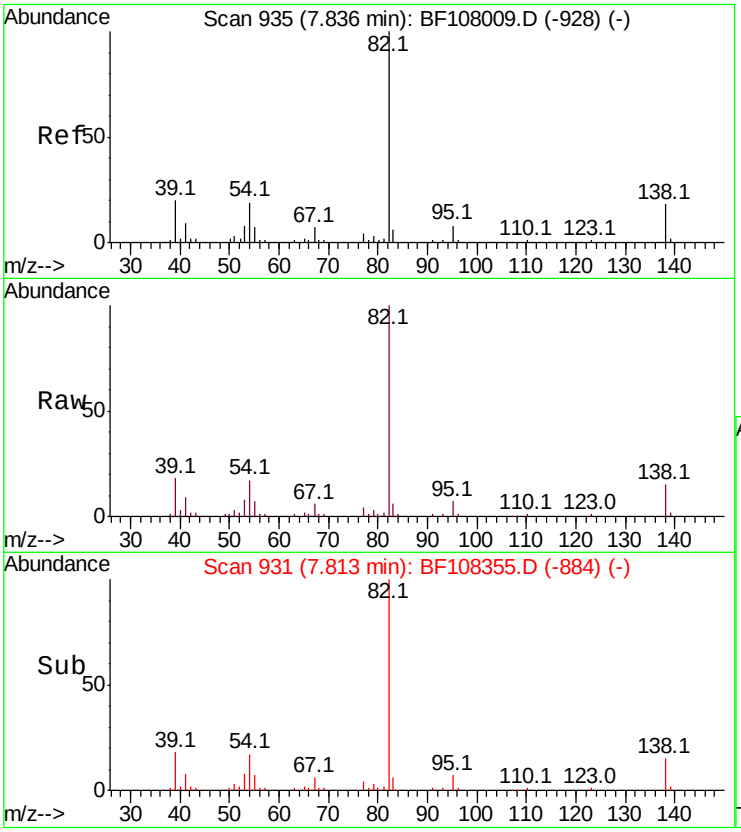


#24
Nitrobenzene
Concen: 2.987 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion: 77 Resp: 33863

Ion	Ratio	Lower	Upper
77	100		
123	41.2	37.9	56.9
65	14.7	11.0	16.4



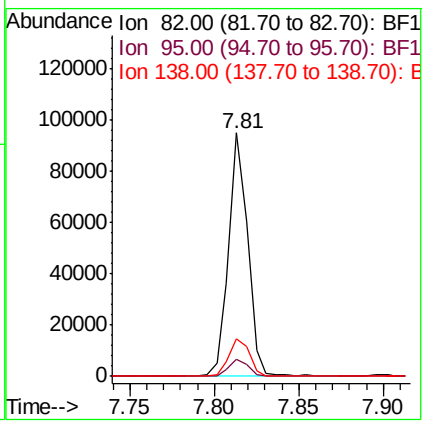


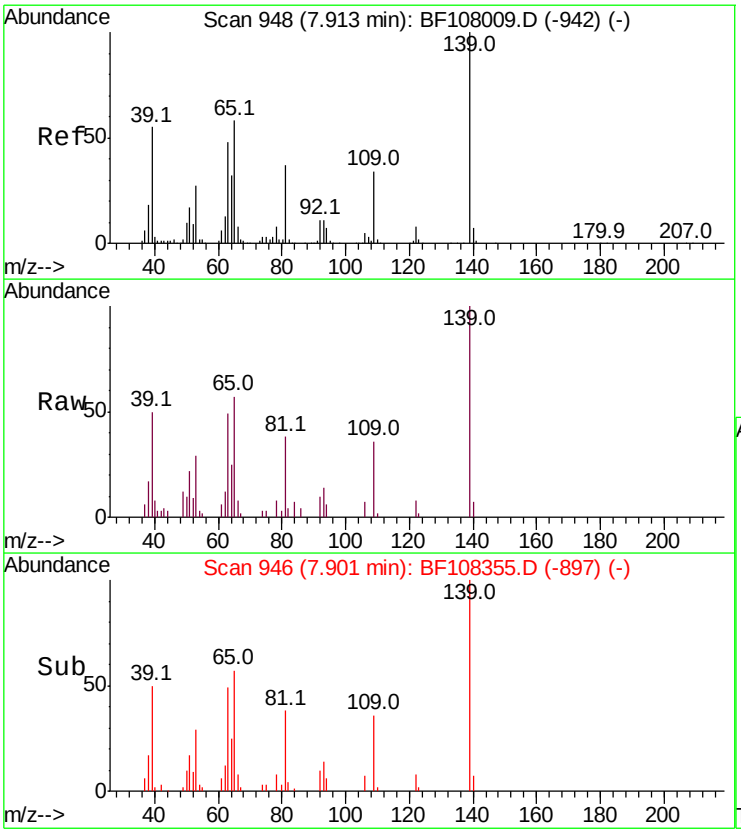
#25
Isophorone
Concen: 3.488 ng
RT: 7.81 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 82 Resp: 74543

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.2	7.8
138	15.2	14.9	22.3

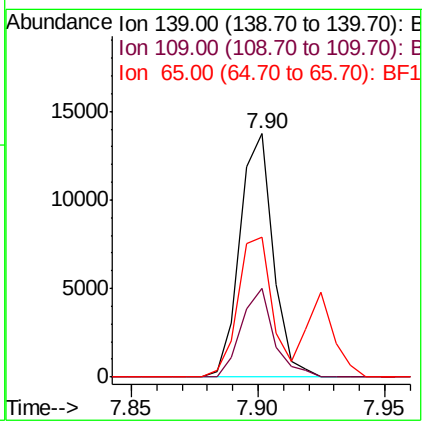


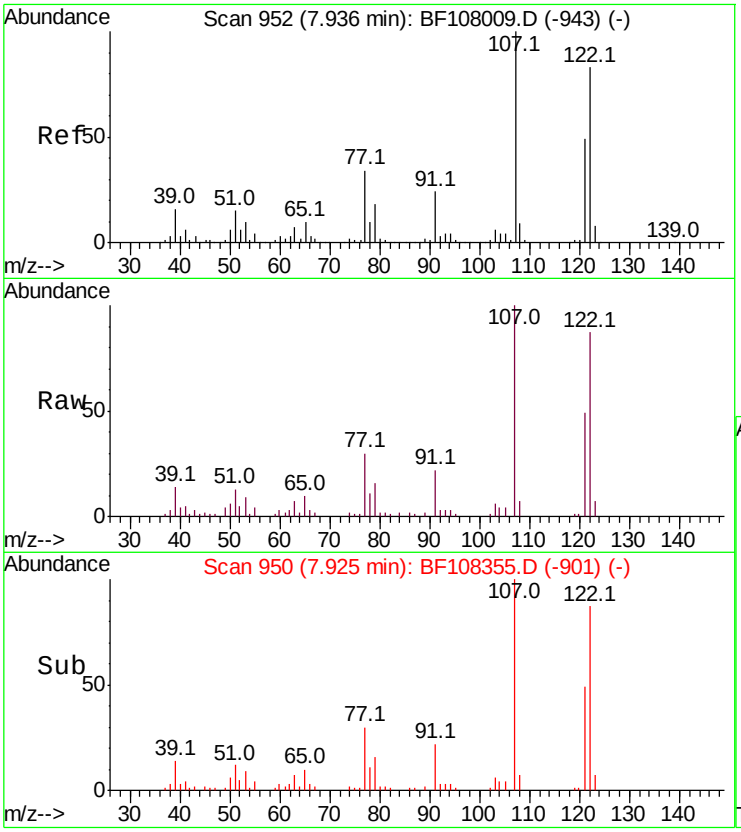


#26
2-Nitrophenol
Concen: 2.931 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:139 Resp: 12551

Ion	Ratio	Lower	Upper
139	100		
109	36.4	22.7	34.1#
65	57.3	40.5	60.7



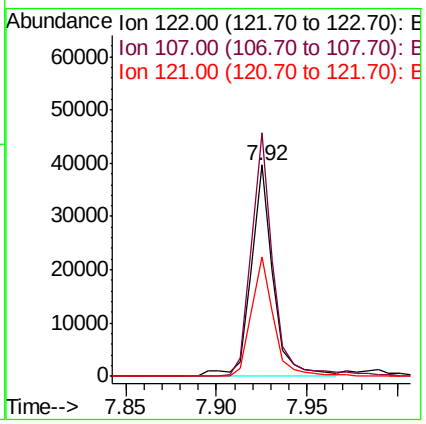


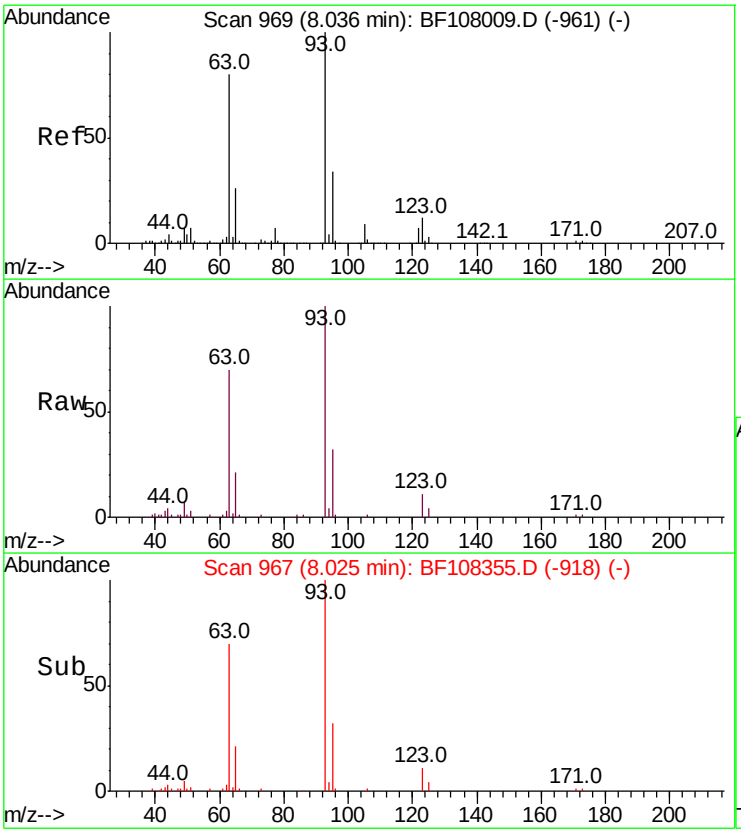
#27
2,4-Dimethylphenol
Concen: 3.522 ng
RT: 7.92 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:122 Resp: 33409

Ion	Ratio	Lower	Upper
122	100		
107	115.3	91.2	136.8
121	56.4	47.2	70.8

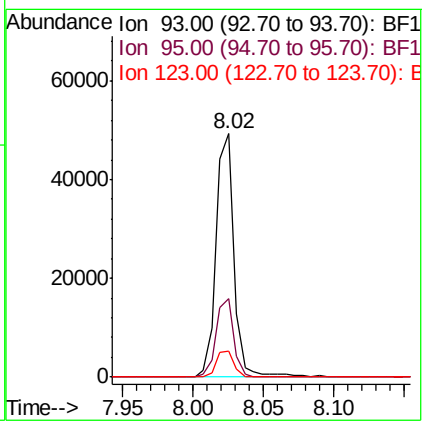


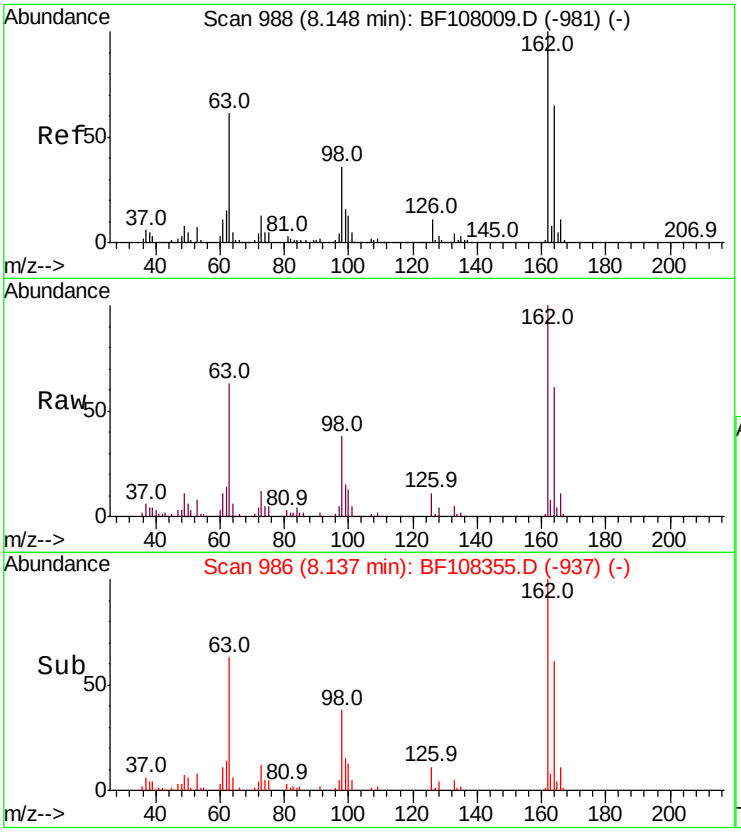


#28
bis(2-Chloroethoxy)methane
Concen: 3.512 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion: 93 Resp: 43816

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.3	39.5
123	10.8	9.8	14.6



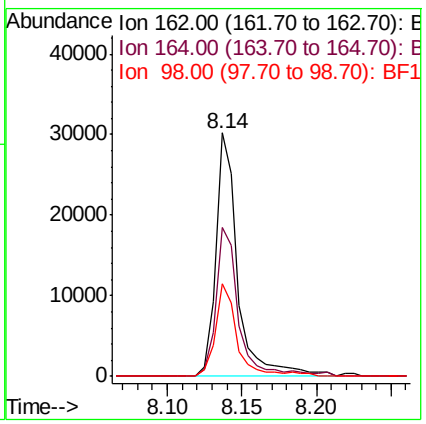


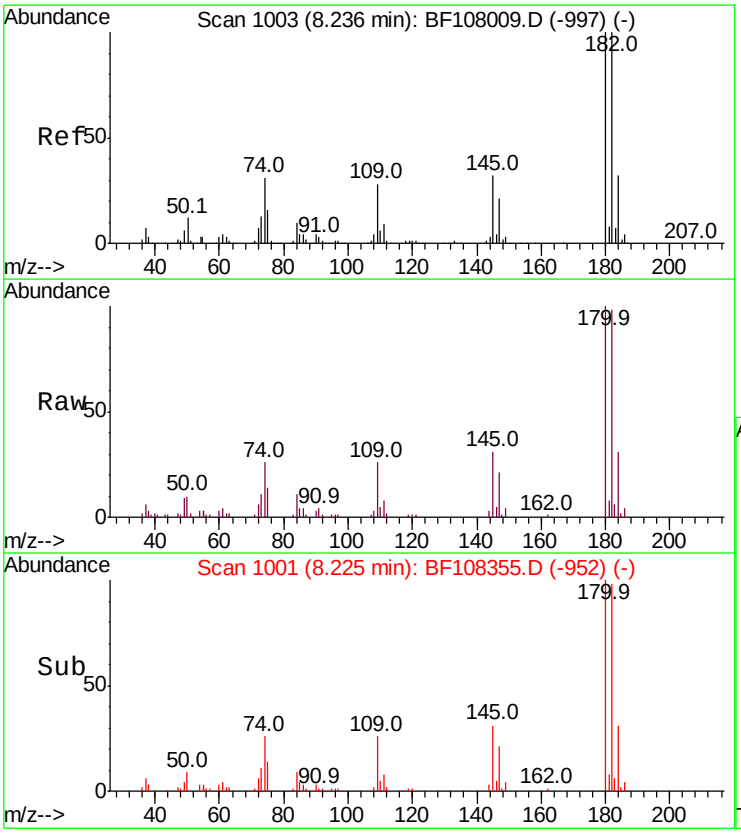
#29
2,4-Dichlorophenol
Concen: 3.534 ng
RT: 8.14 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:162 Resp: 30847

Ion	Ratio	Lower	Upper
162	100		
164	61.2	42.7	82.7
98	38.3	18.1	58.1

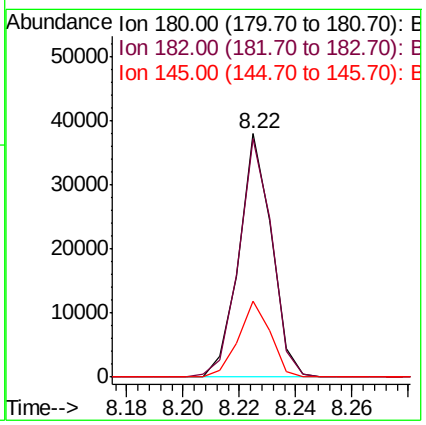


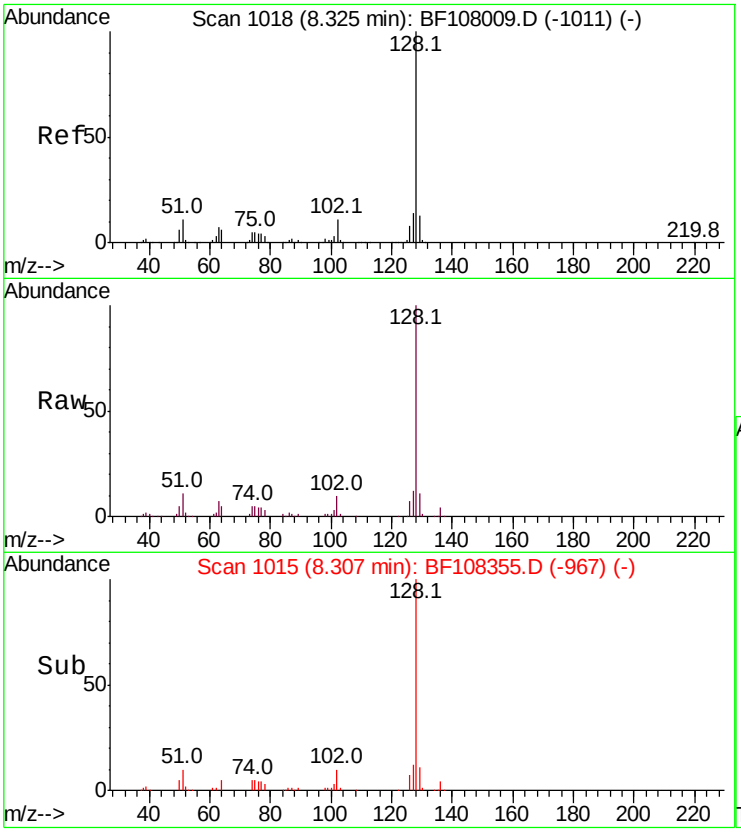


#30
1,2,4-Trichlorobenzene
Concen: 3.169 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:180 Resp: 30499

Ion	Ratio	Lower	Upper
180	100		
182	98.2	76.8	115.2
145	31.1	26.5	39.7



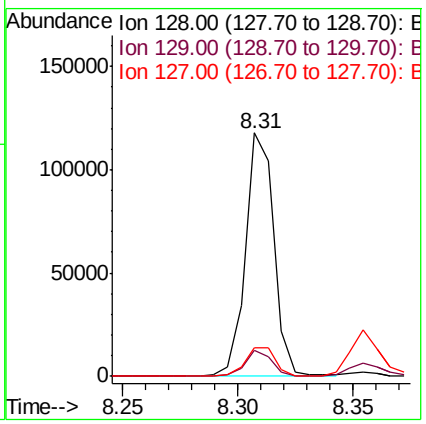


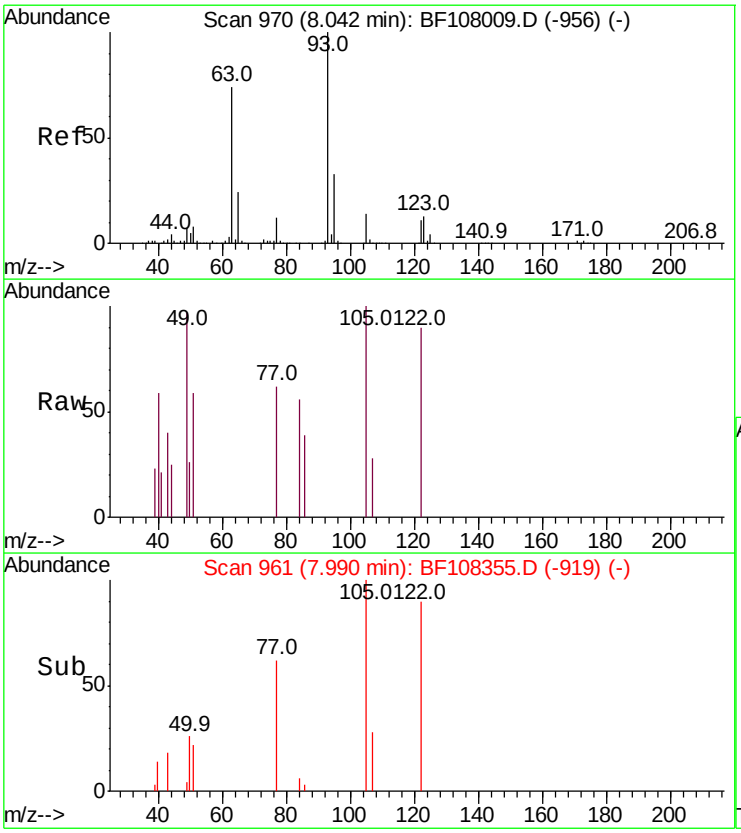
#31
Naphthalene
Concen: 3.568 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:128 Resp: 101526

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	11.6	10.9	16.3

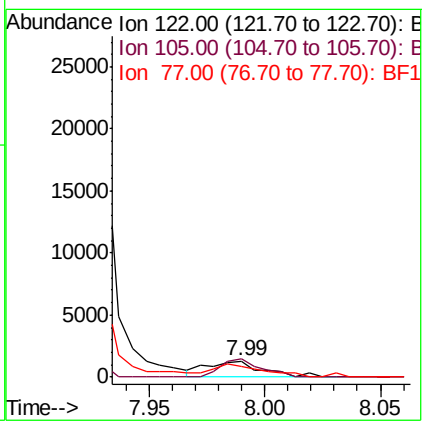


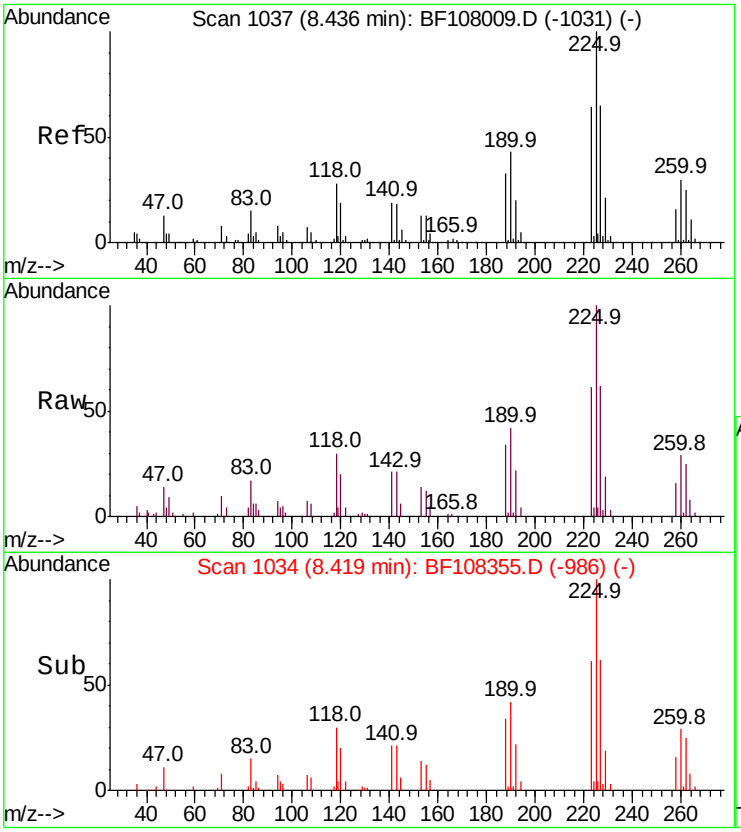


#32
Benzoic acid
Concen: 6.321 ng
RT: 7.99 min Scan# 961
Delta R.T. -0.05 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:122 Resp: 2176

Ion	Ratio	Lower	Upper
122	100		
105	110.6	101.1	141.1
77	68.5	70.7	110.7#



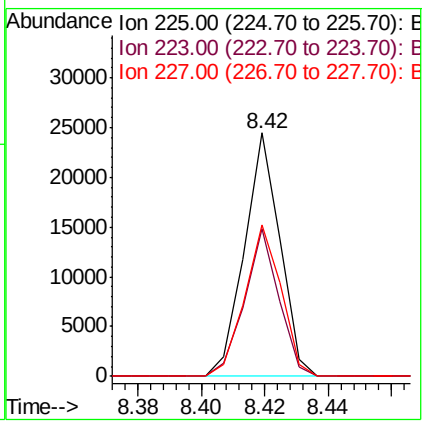


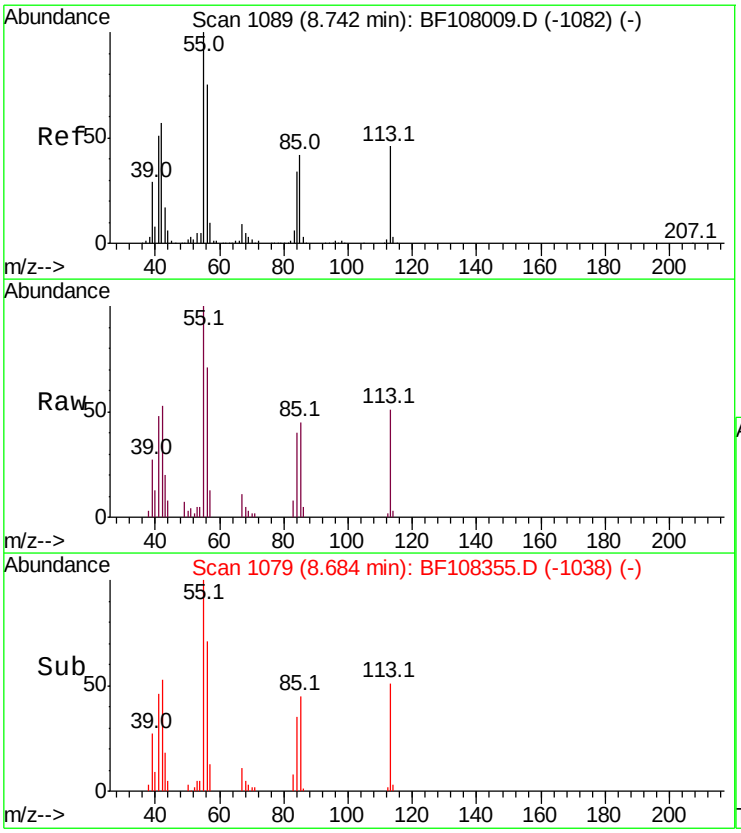
#34
Hexachlorobutadiene
Concen: 3.112 ng
RT: 8.42 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:225 Resp: 18958

Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.6	76.0
227	62.5	51.9	77.9

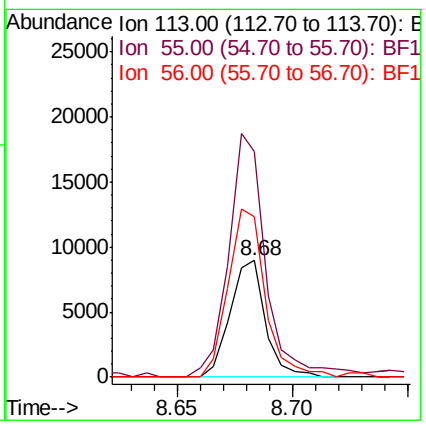


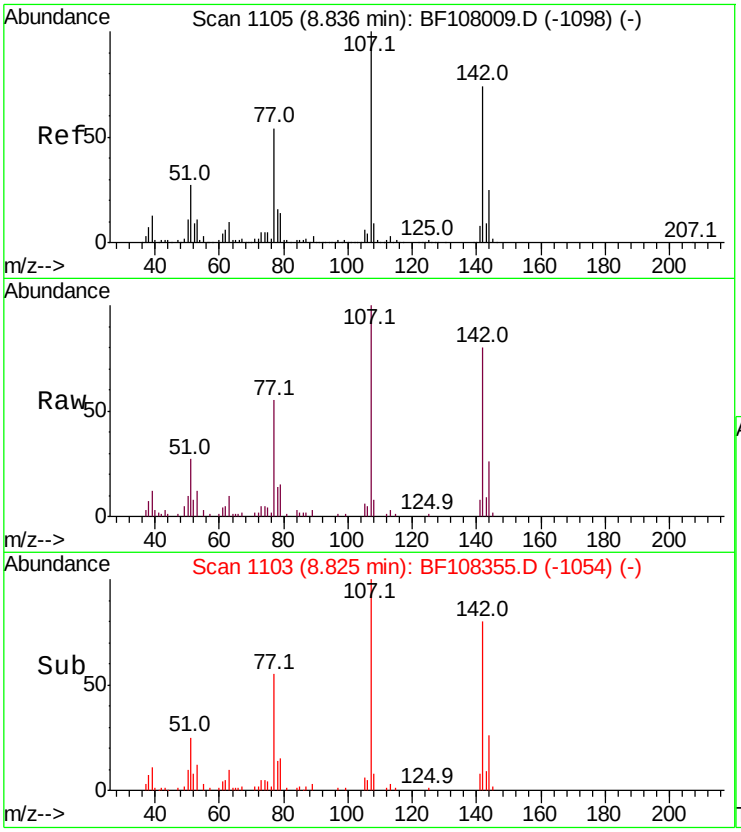


#35
Caprolactam
Concen: 3.490 ng
RT: 8.68 min Scan# 1079
Delta R.T. -0.06 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:113 Resp: 9546

Ion	Ratio	Lower	Upper
113	100		
55	194.2	163.3	203.3
56	138.0	115.7	155.7



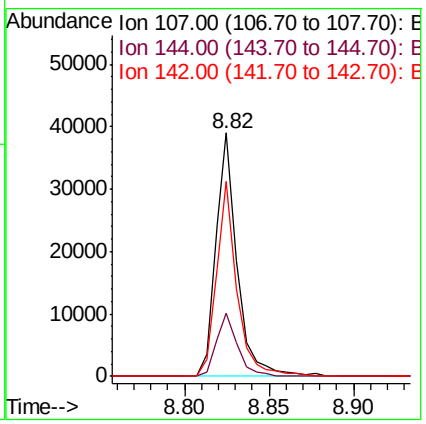


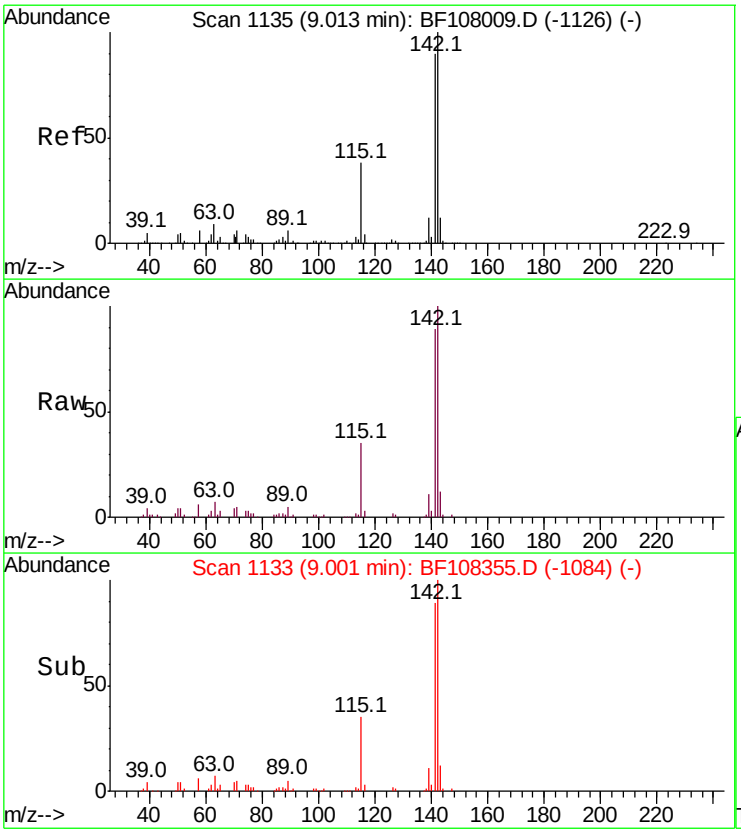
#36
4-Chloro-3-methylphenol
Concen: 3.662 ng
RT: 8.82 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:107 Resp: 34484

Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	80.3	62.0	93.0

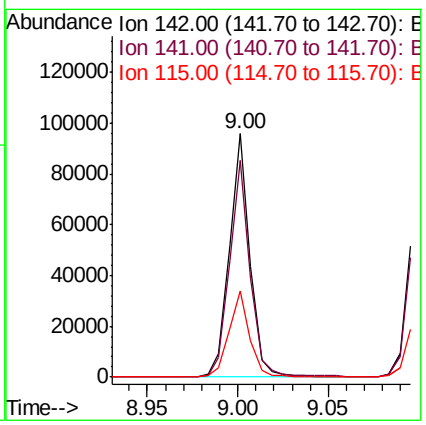


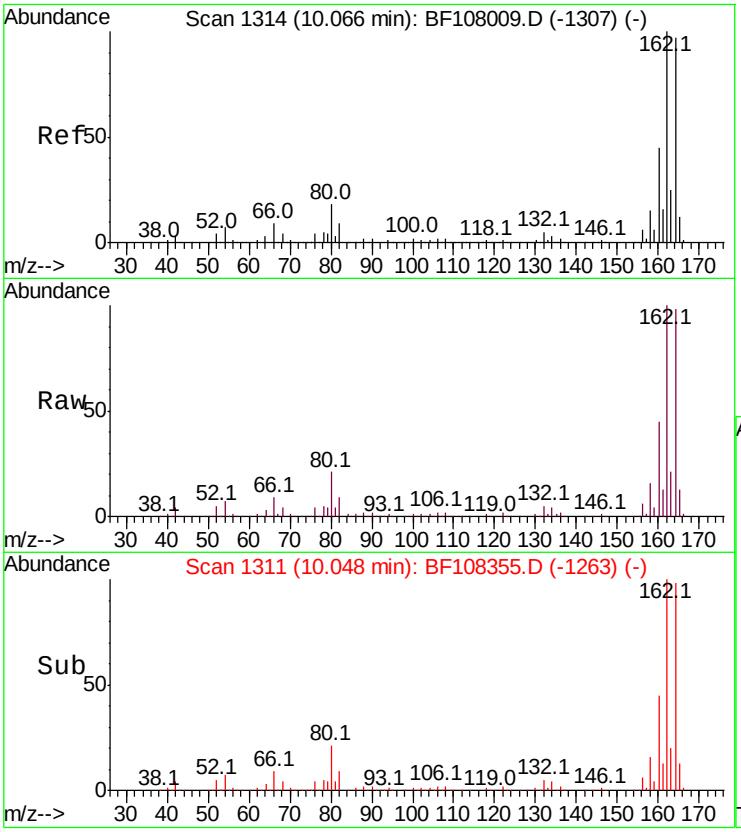


#37
2-Methylnaphthalene
Concen: 3.742 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:142 Resp: 75326

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	35.3	26.1	39.1



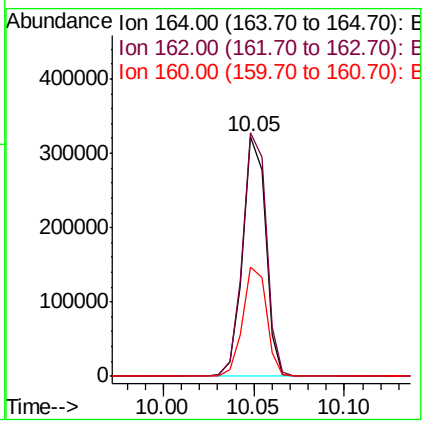


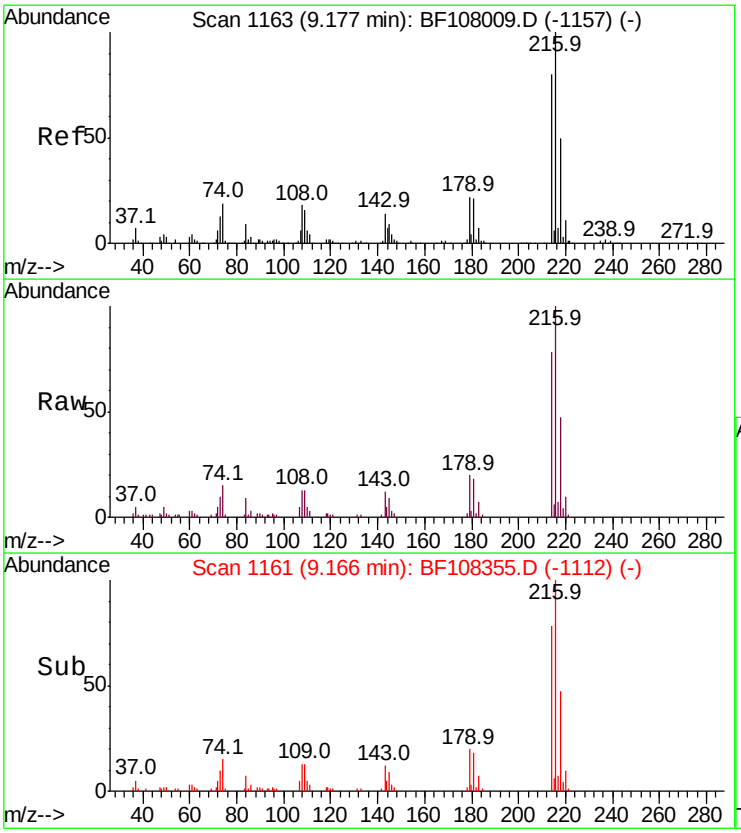
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:164 Resp: 283492

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	45.8	38.3	57.5

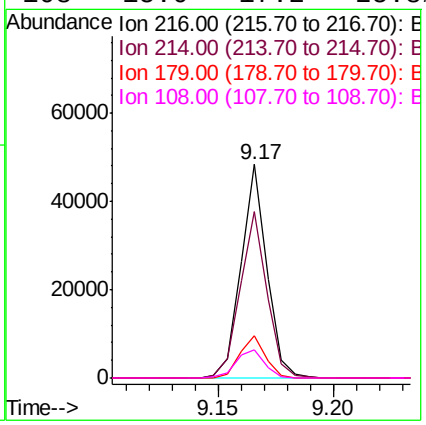


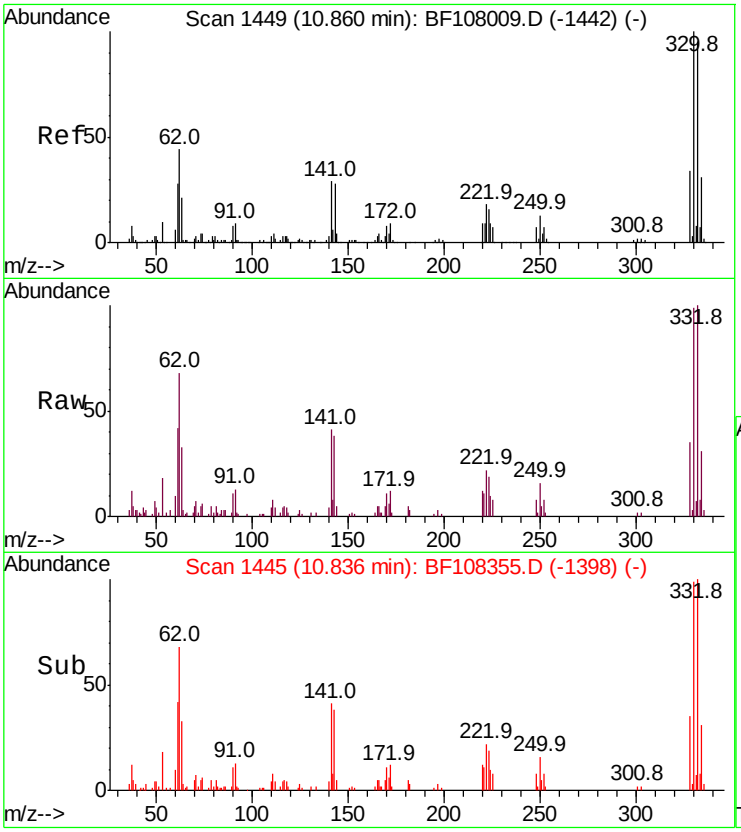


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.349 ng
RT: 9.17 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:216 Resp: 37864

Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.0	94.4
179	19.8	18.1	27.1
108	15.0	17.2	25.8#



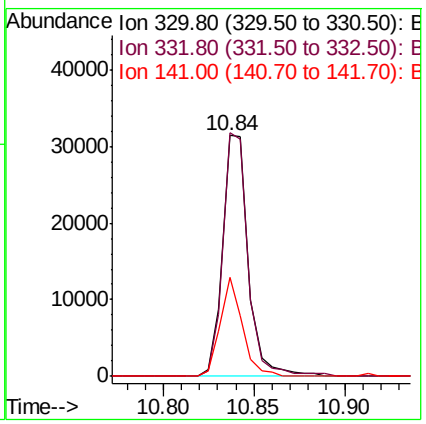


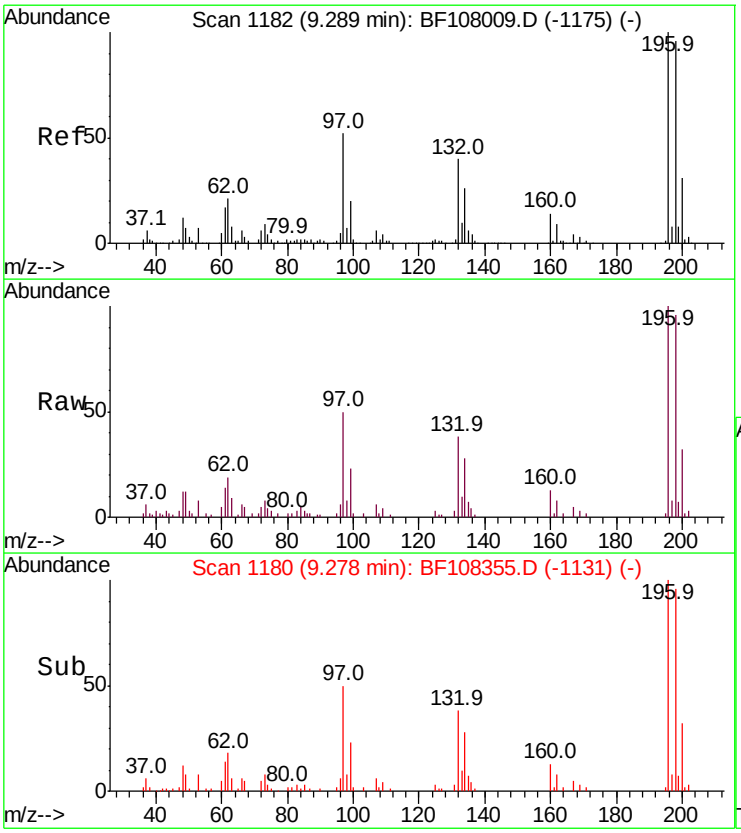
#41
2,4,6-Tribromophenol
Concen: 10.992 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:330 Resp: 31082

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	35.2	29.9	44.9

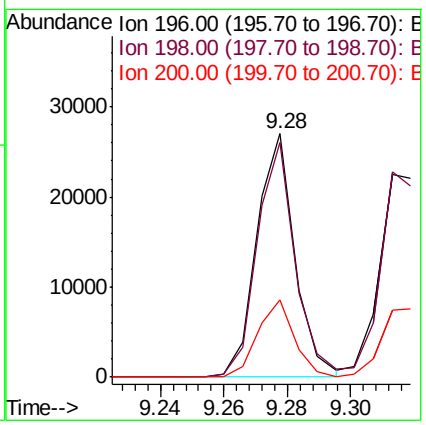


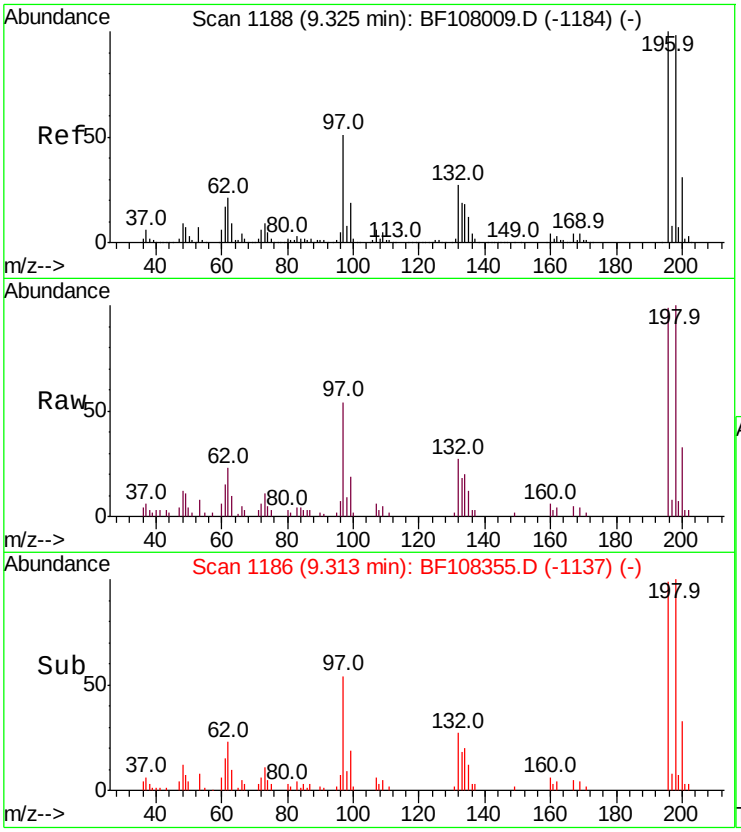


#42
2,4,6-Trichlorophenol
Concen: 4.180 ng
RT: 9.28 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:196 Resp: 22583

Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.7	113.5
200	31.8	24.5	36.7



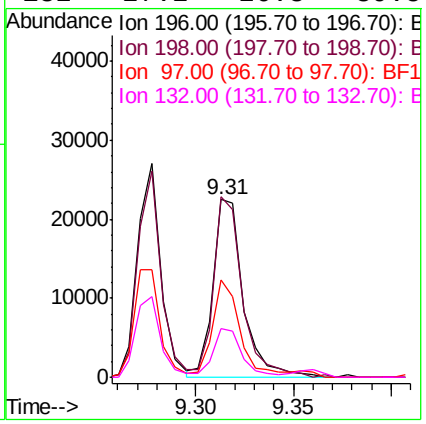


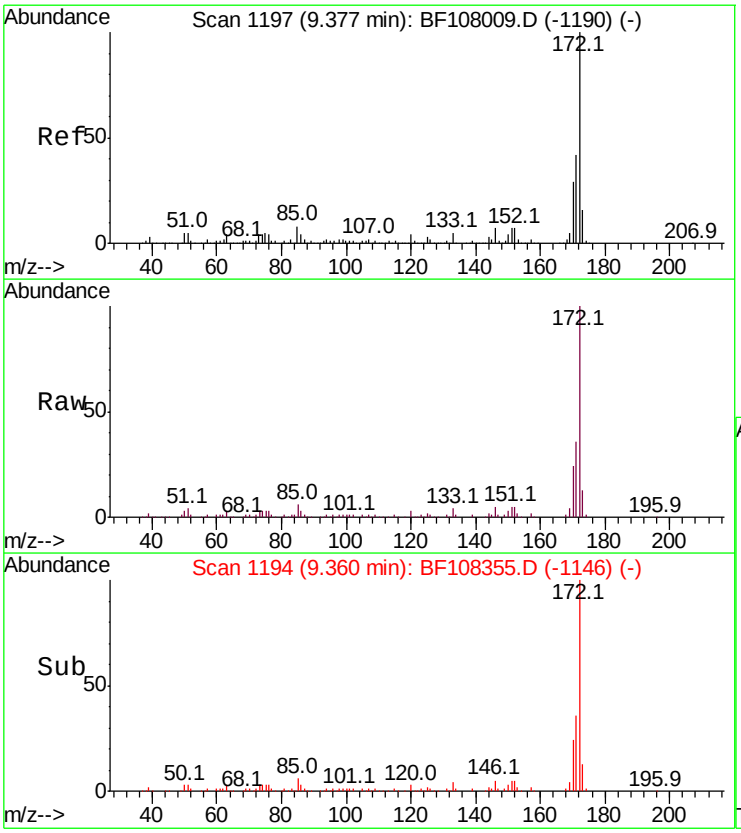
#43
2,4,5-Trichlorophenol
Concen: 4.074 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:196 Resp: 24230

Ion	Ratio	Lower	Upper
196	100		
198	101.3	74.6	112.0
97	54.6	42.9	64.3
132	27.2	26.3	39.5

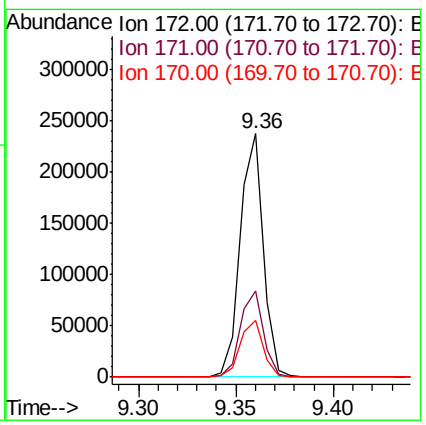


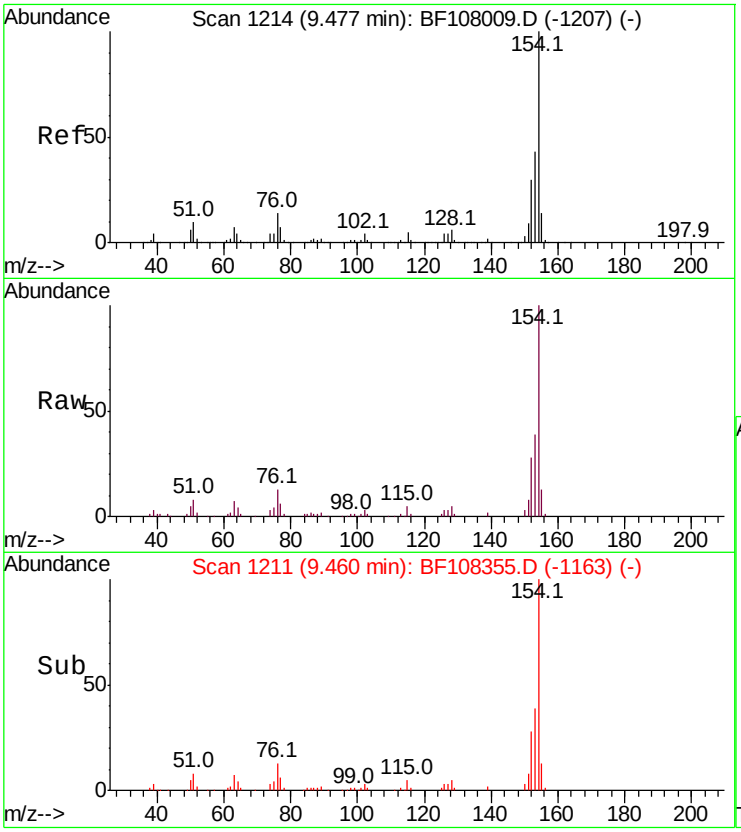


#44
2-Fluorobiphenyl
Concen: 11.002 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:172 Resp: 194275

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.5	19.6	29.4



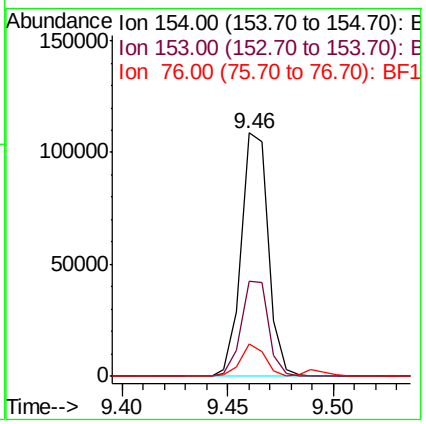


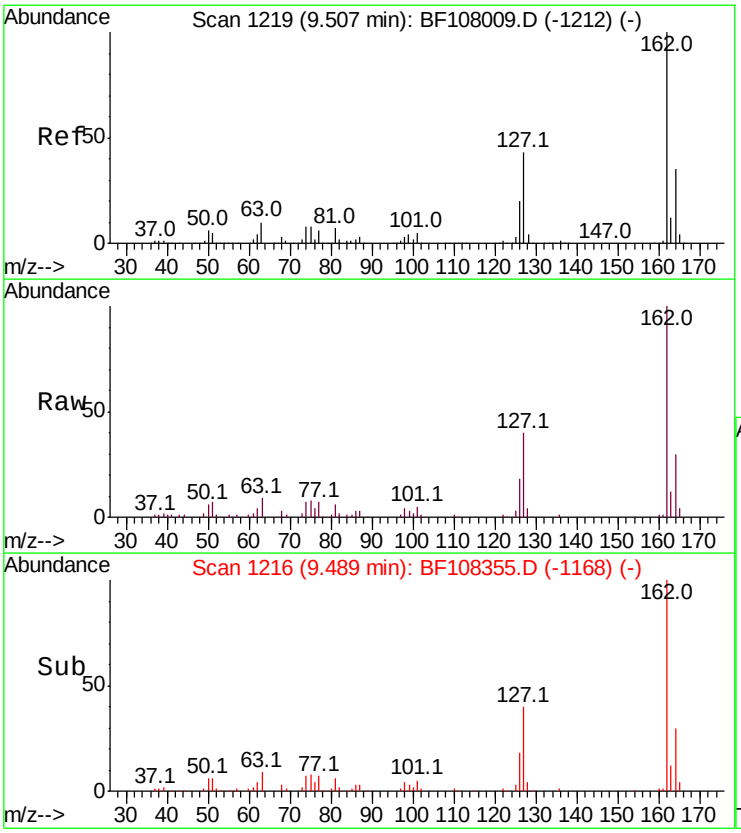
#45
1,1'-Biphenyl
Concen: 4.638 ng
RT: 9.46 min Scan# 1211
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:154 Resp: 96935

Ion	Ratio	Lower	Upper
154	100		
153	39.3	21.3	61.3
76	13.2	0.0	34.0

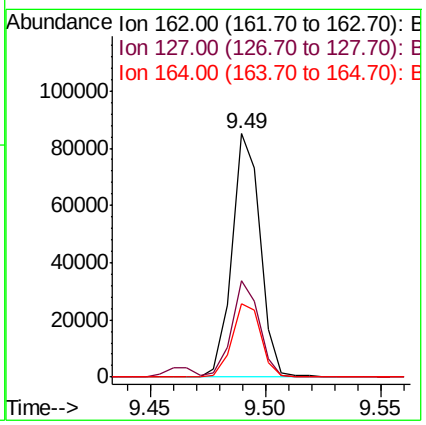


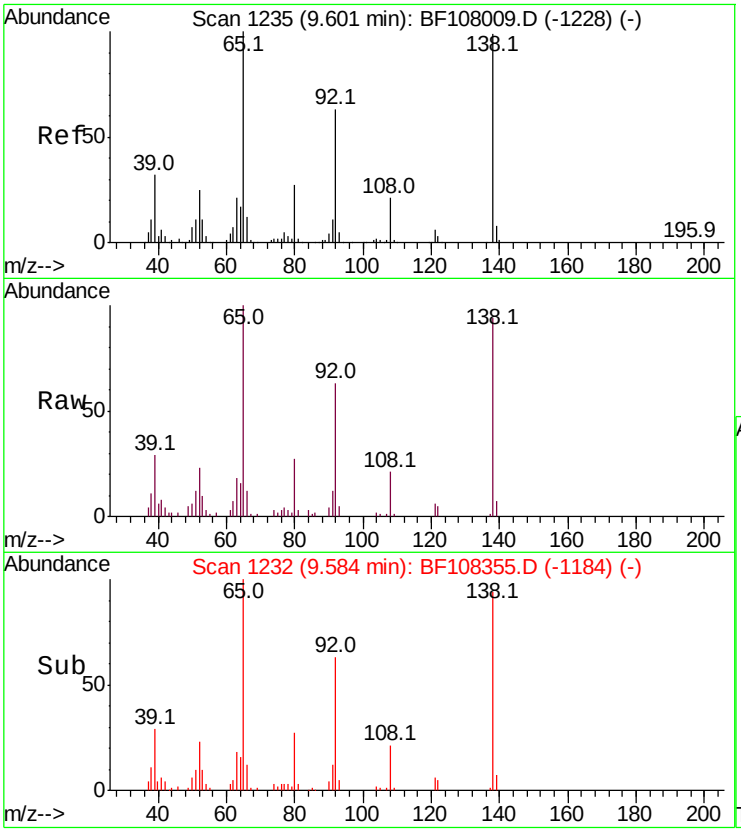


#46
2-Chloronaphthalene
Concen: 4.391 ng
RT: 9.49 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:162 Resp: 72540

Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.9	50.9
164	30.3	26.5	39.7



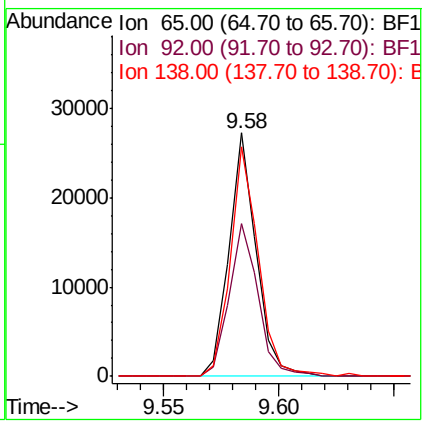


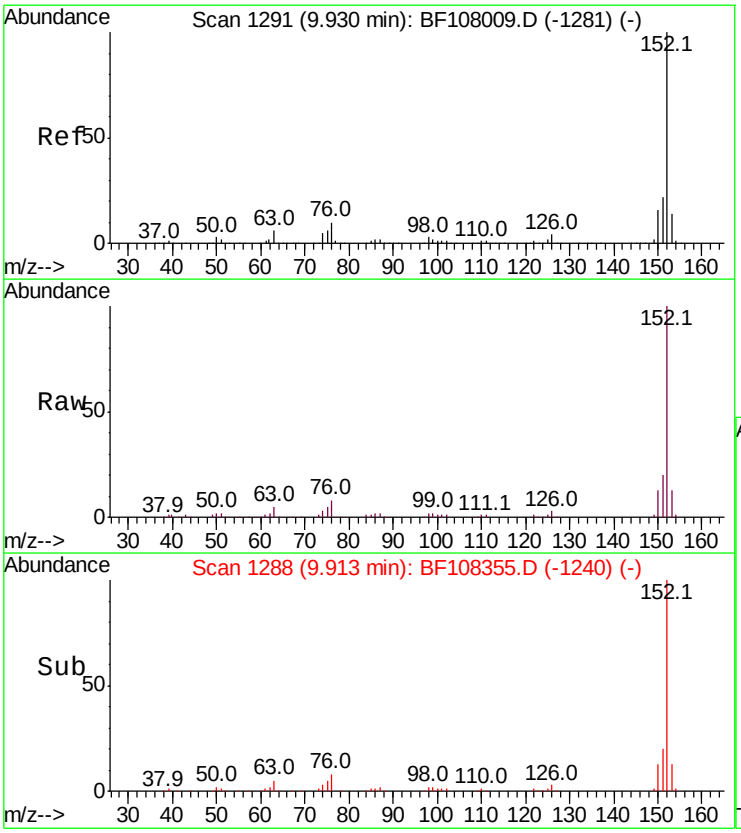
#47
2-Nitroaniline
Concen: 4.184 ng
RT: 9.58 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 65 Resp: 22367

Ion	Ratio	Lower	Upper
65	100		
92	62.7	55.8	83.6
138	94.0	91.2	136.8

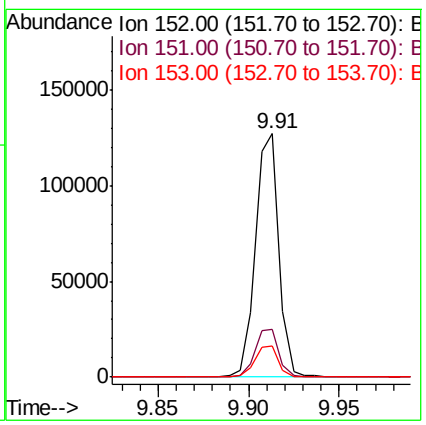


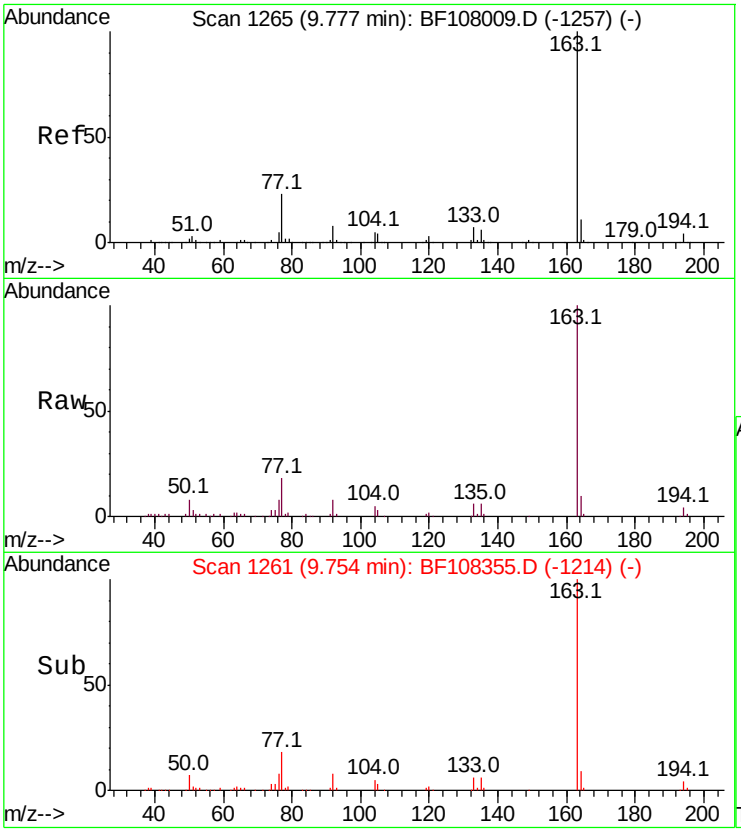


#48
Acenaphthylene
Concen: 4.361 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:152 Resp: 113889

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	12.7	10.7	16.1



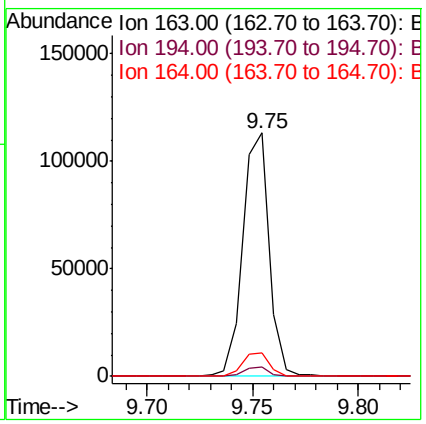


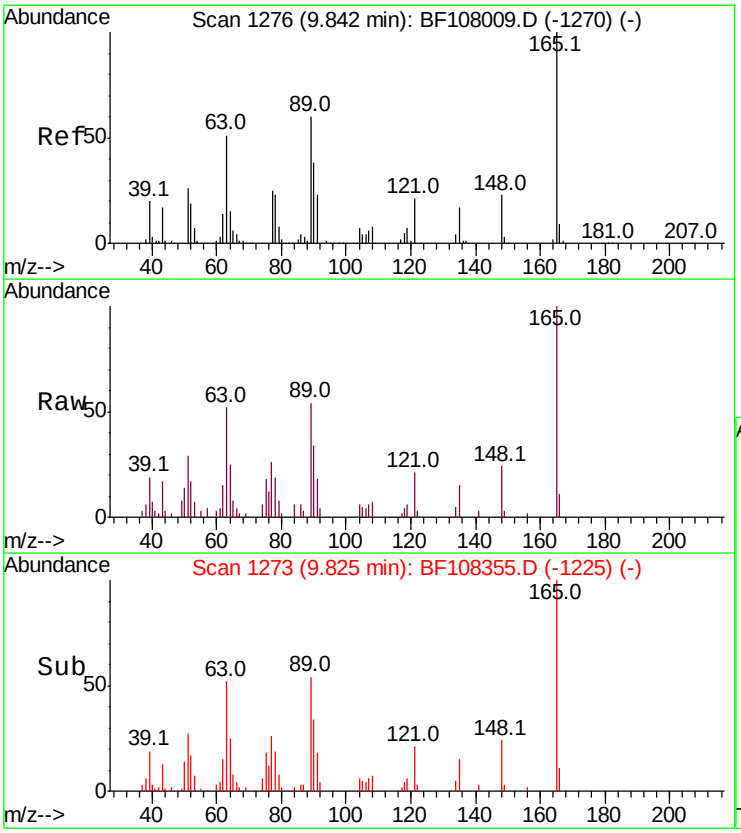
#49
Dimethylphthalate
Concen: 4.968 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:163 Resp: 98114

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.8	8.2	12.2

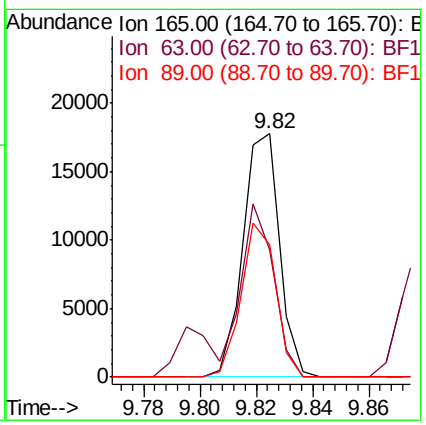


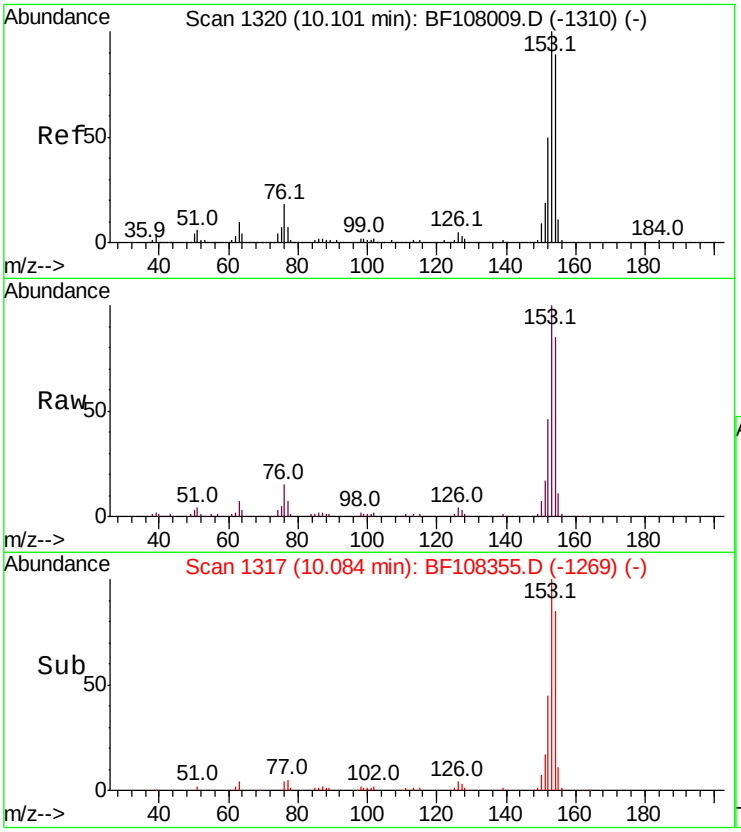


#50
2,6-Dinitrotoluene
Concen: 3.862 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:165 Resp: 15958

Ion	Ratio	Lower	Upper
165	100		
63	52.2	44.7	67.1
89	54.1	44.0	66.0



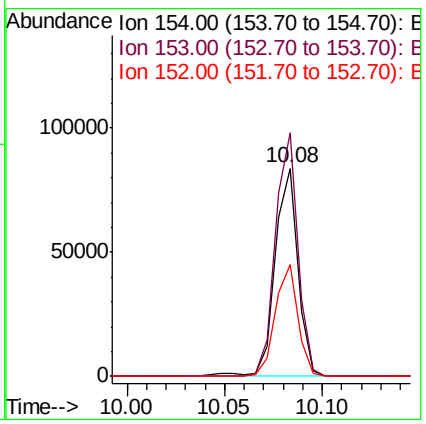


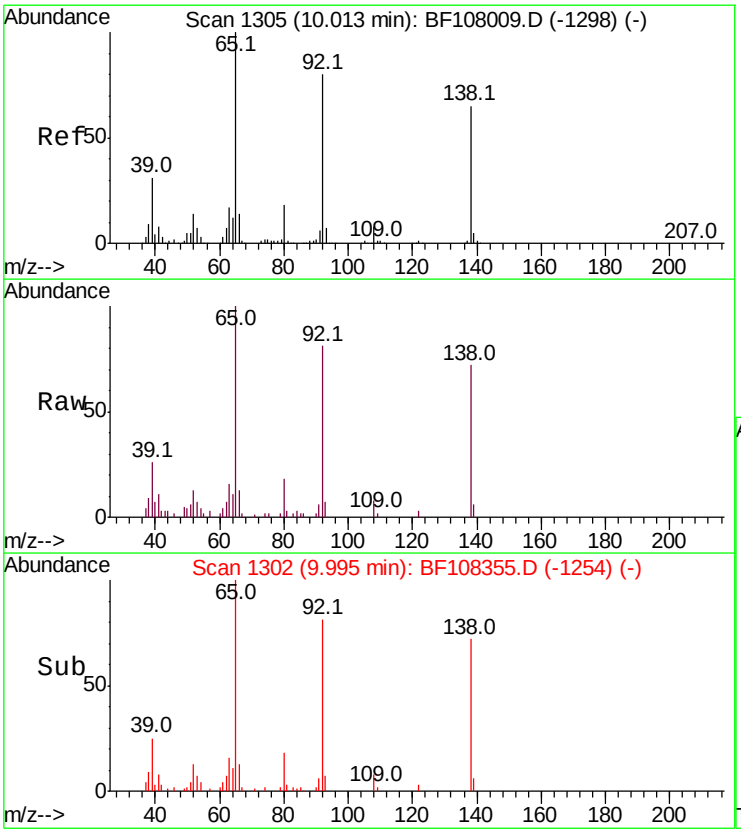
#51
Acenaphthene
Concen: 4.263 ng
RT: 10.08 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:154 Resp: 68200

Ion	Ratio	Lower	Upper
154	100		
153	117.0	91.2	136.8
152	53.7	43.8	65.8

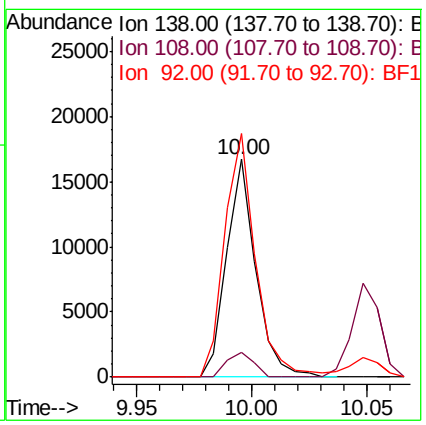


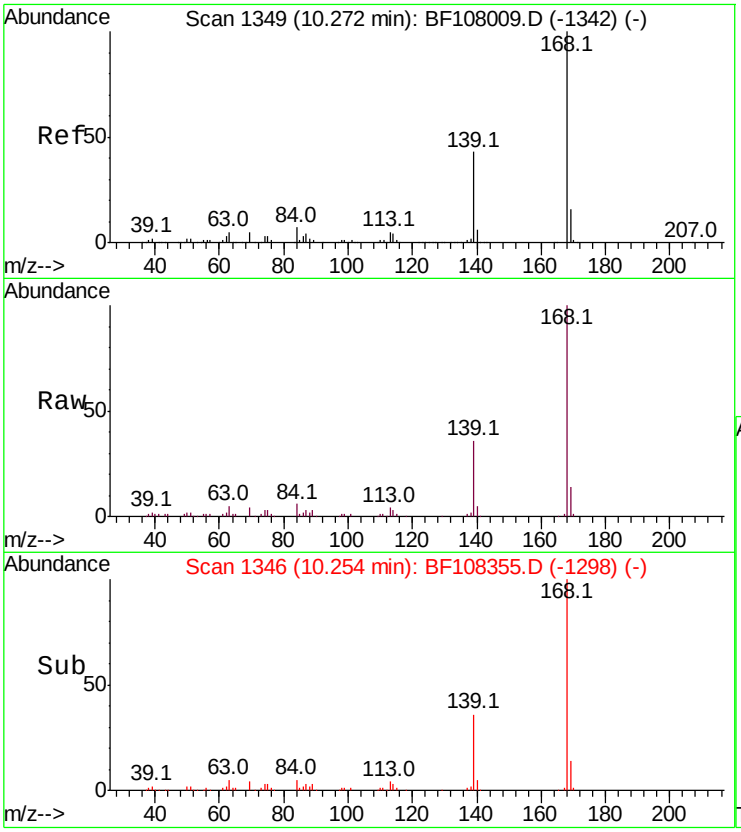


#52
3-Nitroaniline
Concen: 3.273 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:138 Resp: 14797

Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.4	14.0
92	111.7	89.4	134.2



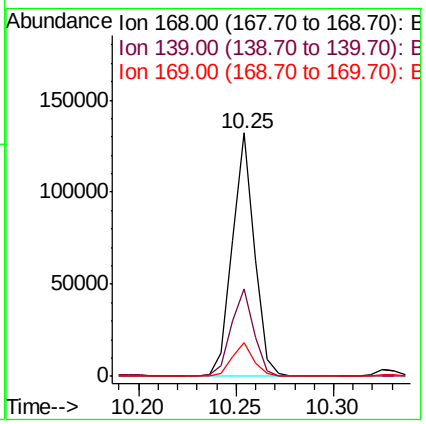


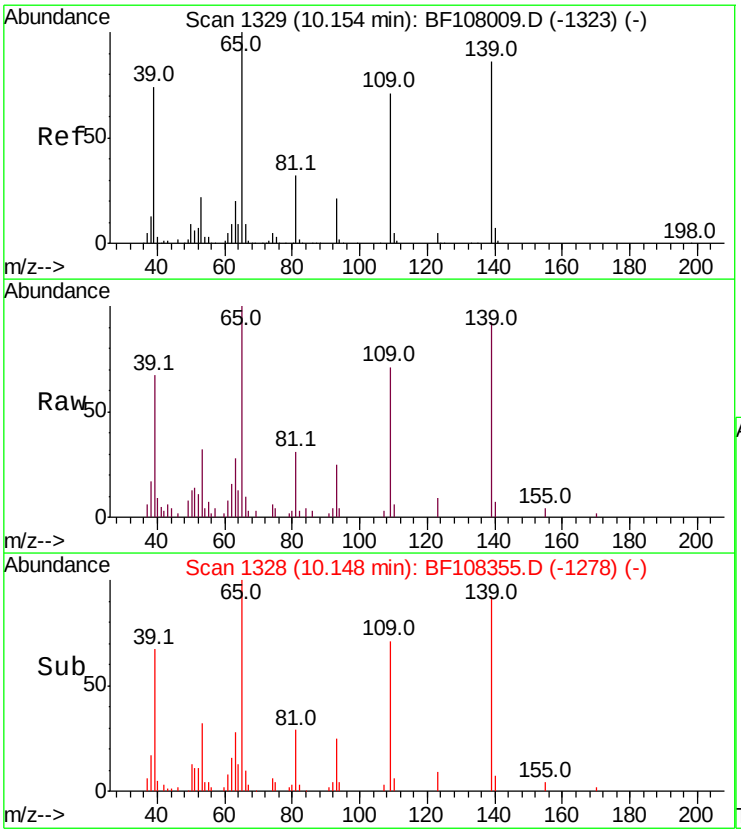
#54
Dibenzofuran
Concen: 4.490 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:168 Resp: 104054

Ion	Ratio	Lower	Upper
168	100		
139	36.1	30.1	45.1
169	13.7	10.9	16.3

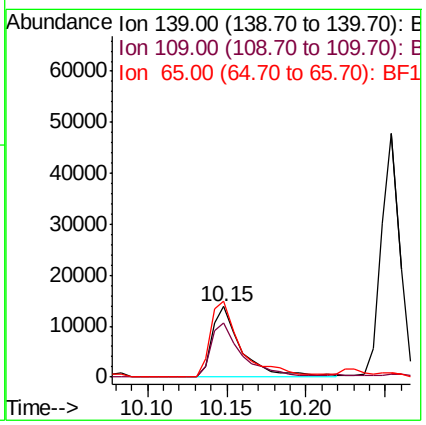


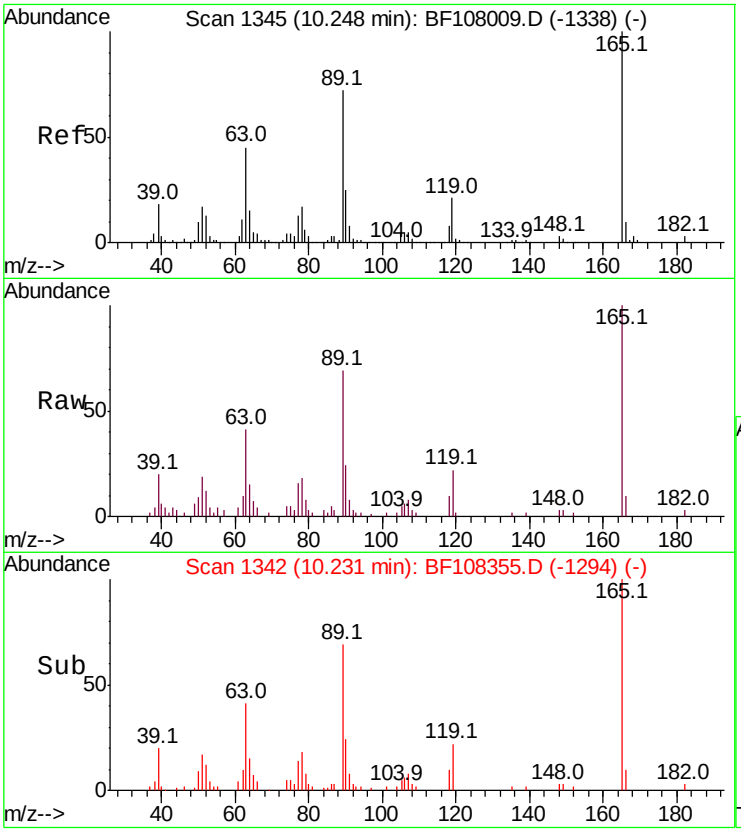


#55
4-Nitrophenol
Concen: 5.256 ng
RT: 10.15 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:139 Resp: 17992

Ion	Ratio	Lower	Upper
139	100		
109	76.9	48.4	88.4
65	108.3	72.6	112.6



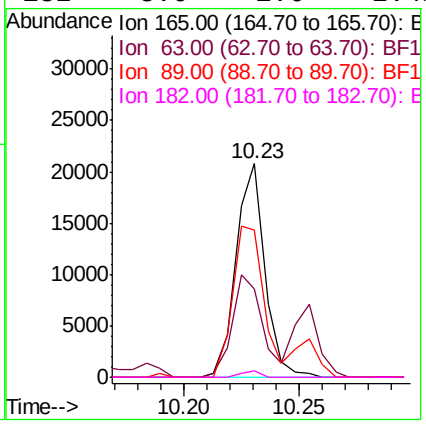


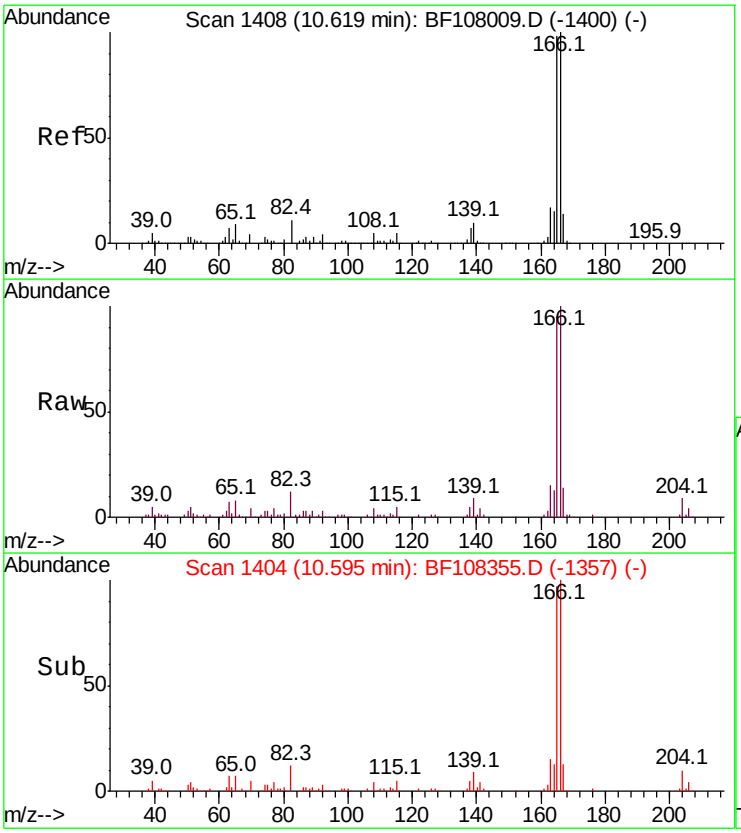
#56
2,4-Dinitrotoluene
Concen: 3.407 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:165 Resp: 18119

Ion	Ratio	Lower	Upper
165	100		
63	41.4	36.4	54.6
89	68.9	57.8	86.6
182	3.0	1.6	2.4#

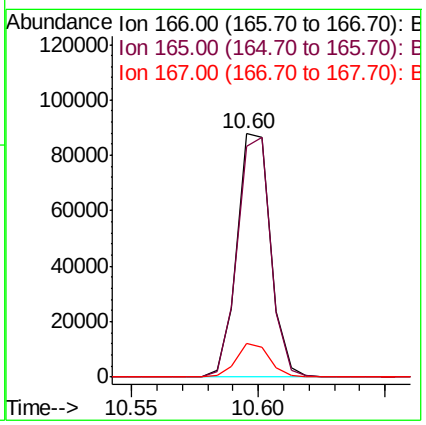


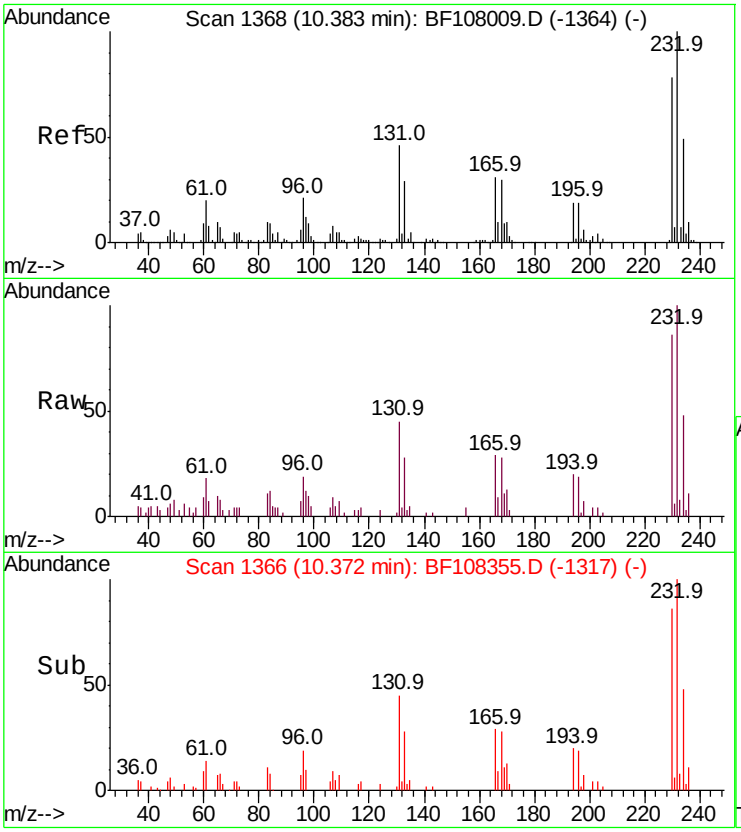


#57
Fluorene
Concen: 4.402 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:166 Resp: 80764

Ion	Ratio	Lower	Upper
166	100		
165	95.0	79.8	119.8
167	13.7	10.6	16.0



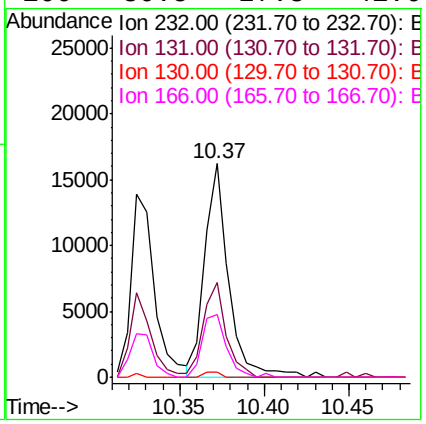


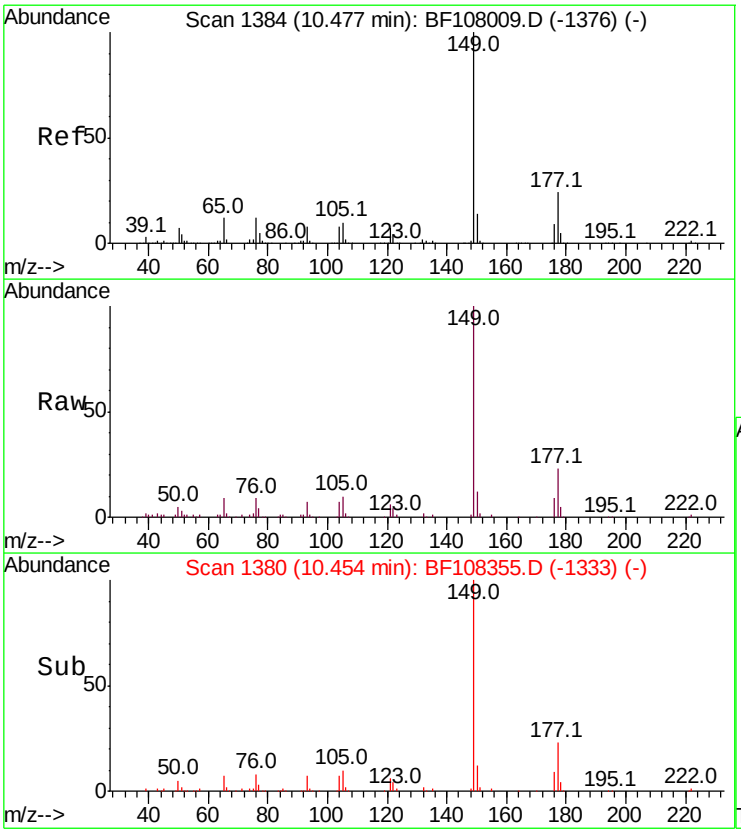
#58
2,3,4,6-Tetrachlorophenol
Concen: 3.239 ng
RT: 10.37 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:232 Resp: 16101

Ion	Ratio	Lower	Upper
232	100		
131	42.3	43.8	65.8#
130	1.7	2.1	3.1#
166	30.5	27.8	41.6

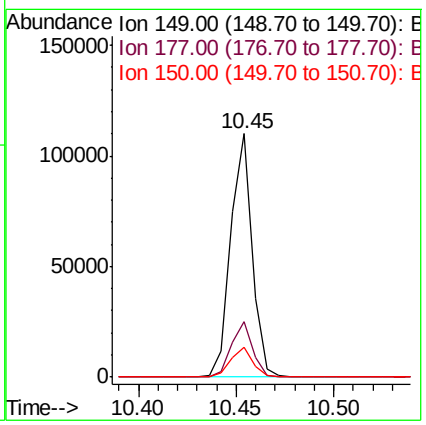


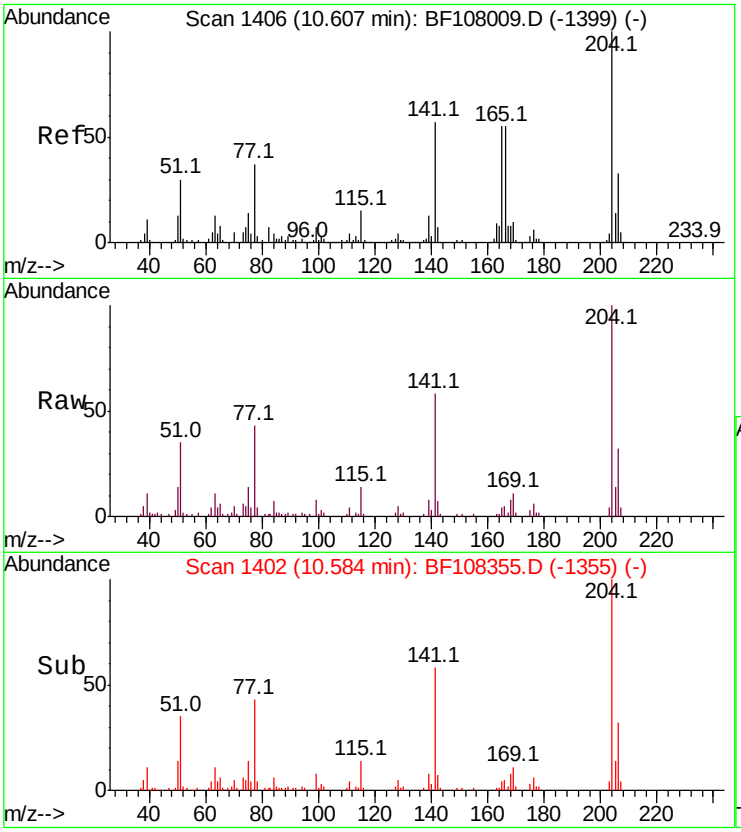


#59
Diethylphthalate
Concen: 4.405 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:149 Resp: 84235

Ion	Ratio	Lower	Upper
149	100		
177	22.6	16.1	24.1
150	12.1	10.1	15.1



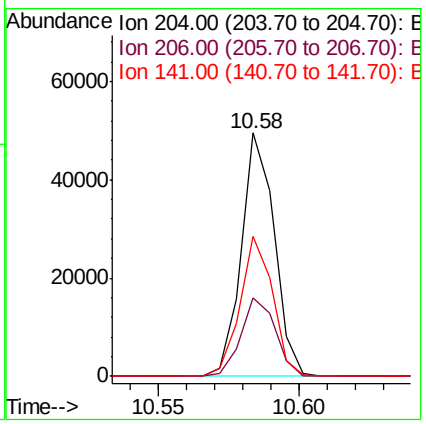


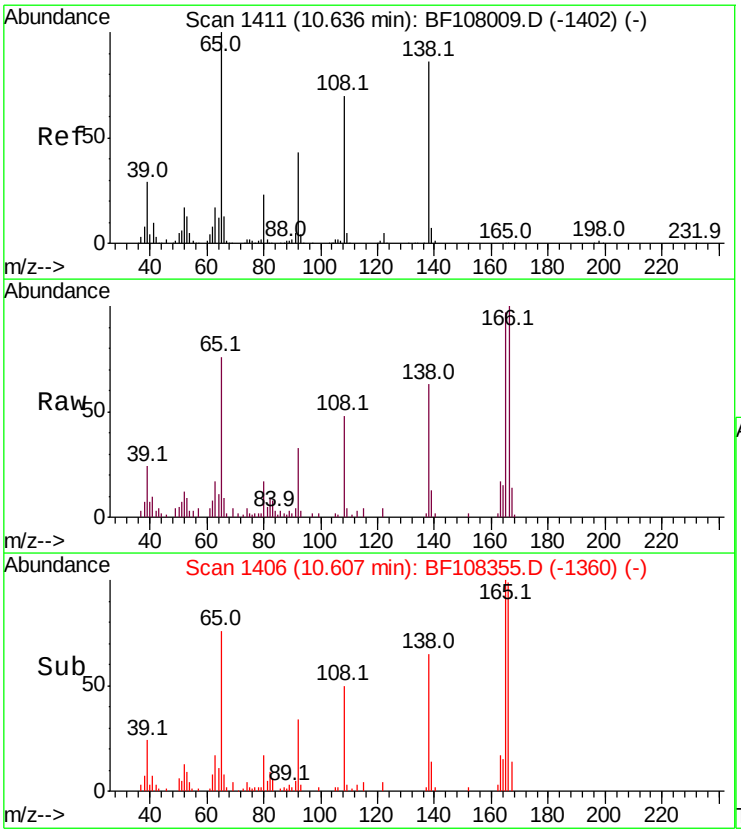
#60
4-Chlorophenyl-phenylether
Concen: 4.190 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:204 Resp: 40056

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	57.7	54.6	81.8

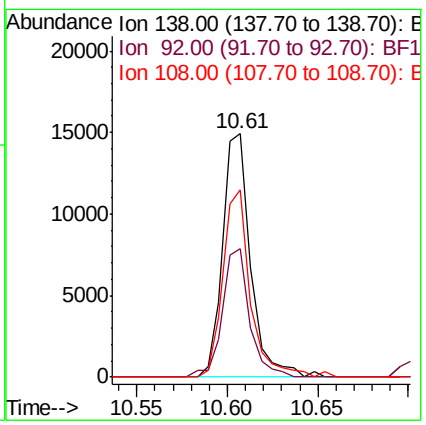


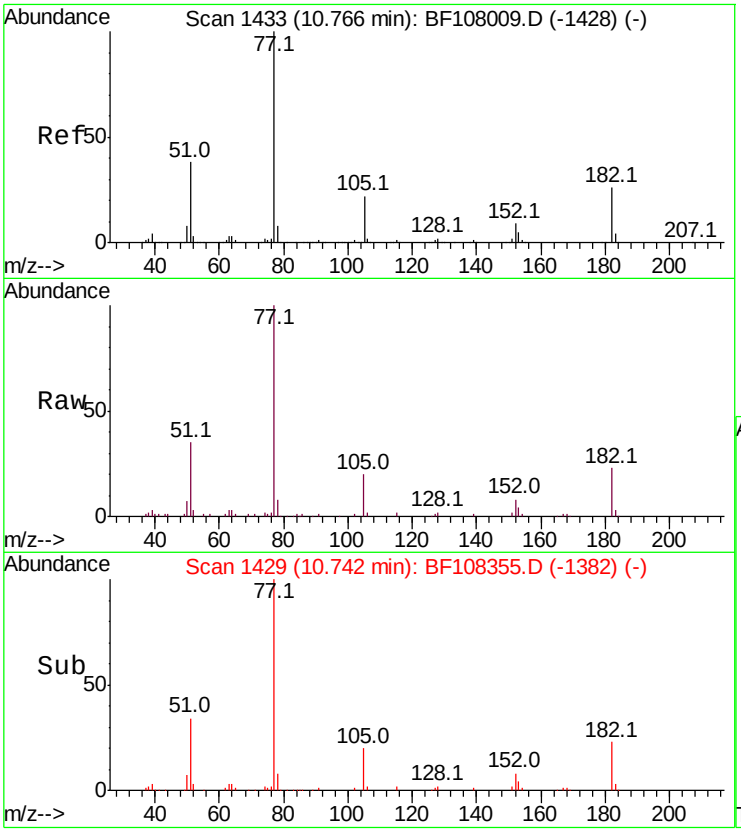


#61
4-Nitroaniline
Concen: 3.597 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.03 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:138 Resp: 16075

Ion	Ratio	Lower	Upper
138	100		
92	52.8	30.2	70.2
108	77.2	52.5	92.5



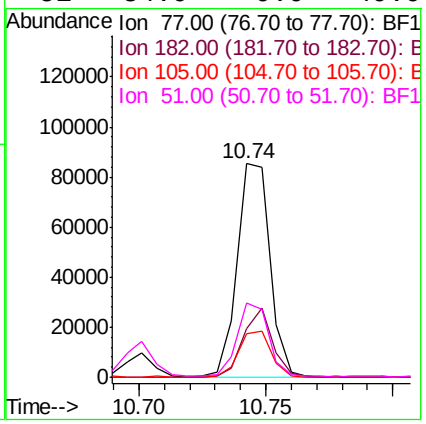


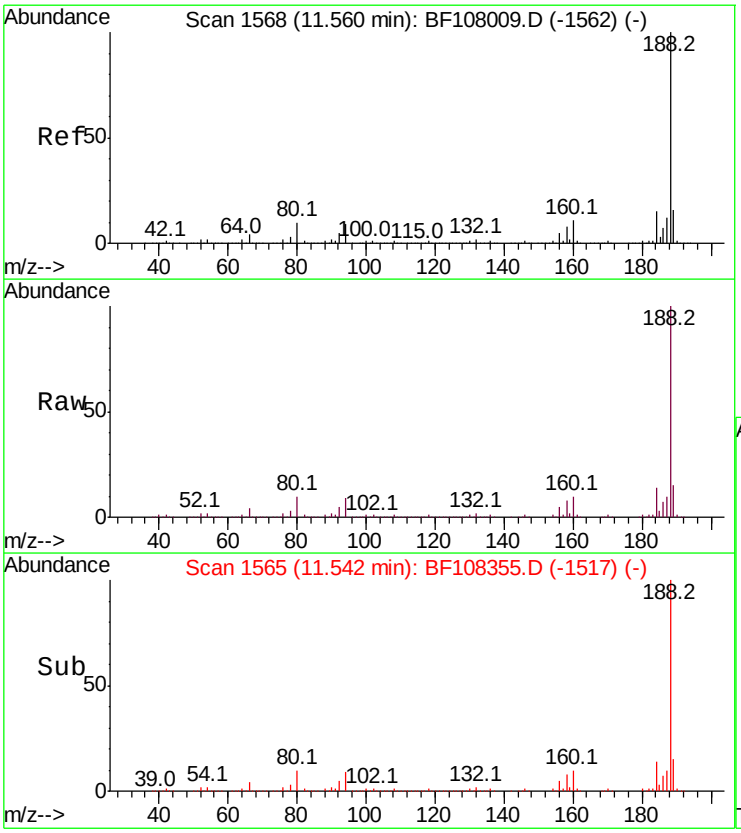
#62
Azobenzene
Concen: 3.891 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument : BNA_F
ClientSampleId : RT2286MS

Tgt Ion: 77 Resp: 76841

Ion	Ratio	Lower	Upper
77	100		
182	22.6	1.7	41.7
105	20.2	3.0	43.0
51	34.9	9.9	49.9

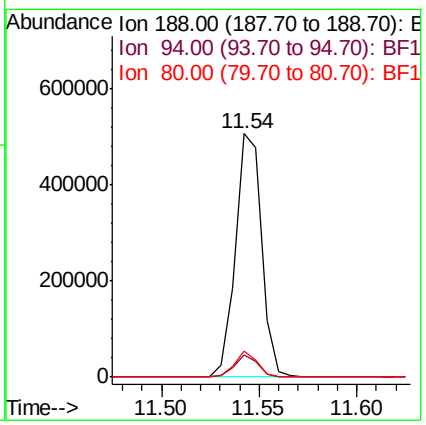


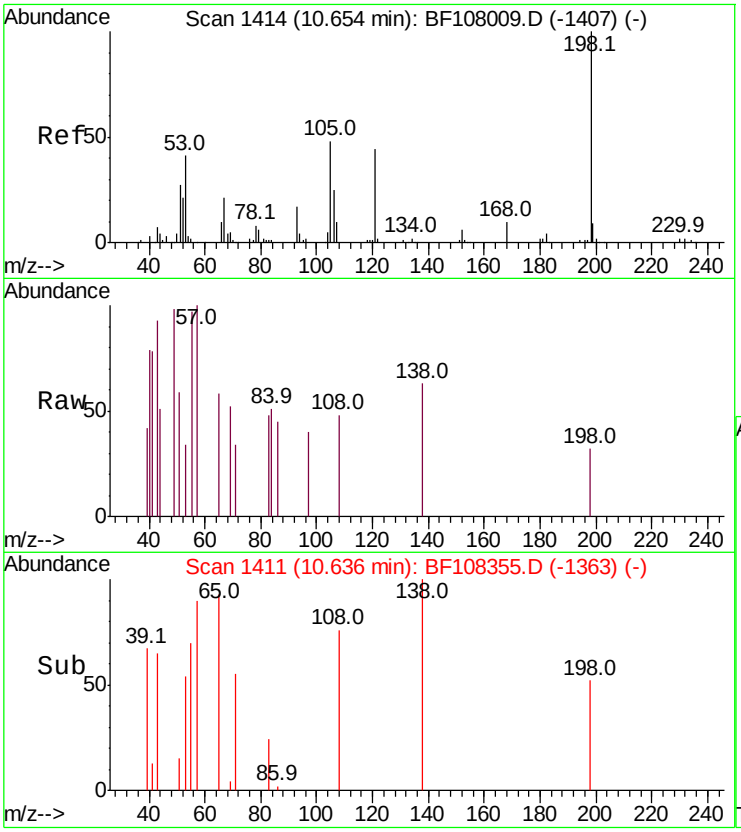


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:188 Resp: 468372

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	10.4	9.2	13.8



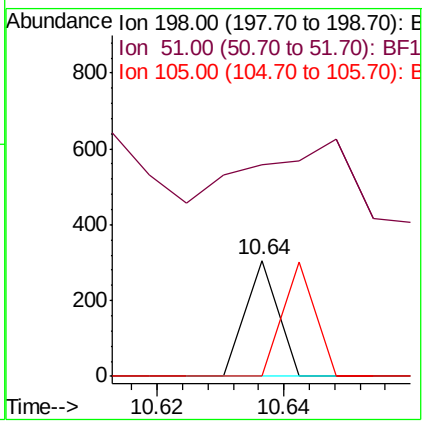


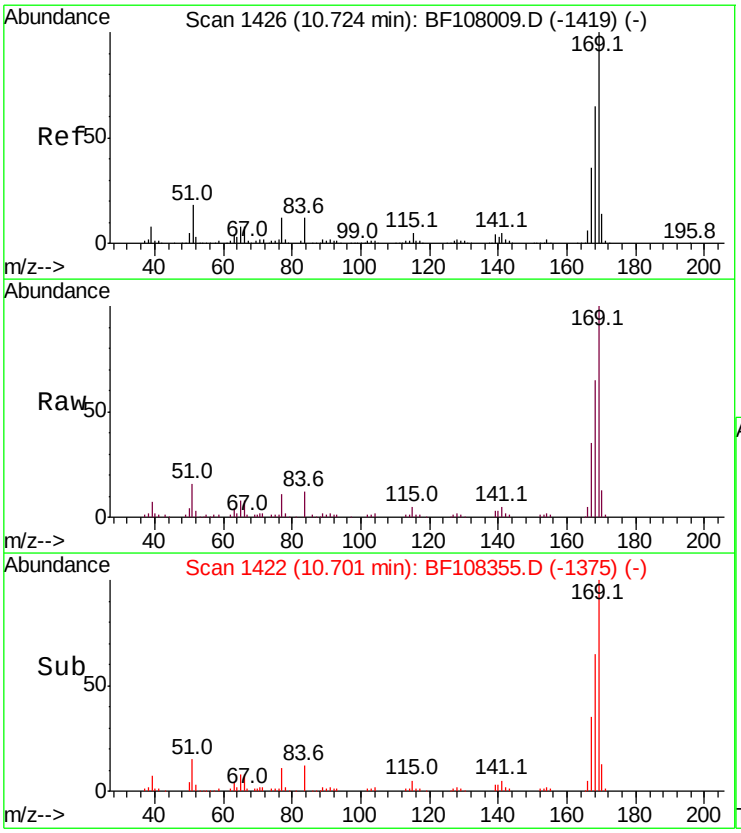
#64
4,6-Dinitro-2-methylphenol
Concen: 5.413 ng
RT: 10.64 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:198 Resp: 108

Ion	Ratio	Lower	Upper
198	100		
51	182.4	37.7	77.7#
105	0.0	36.3	76.3#

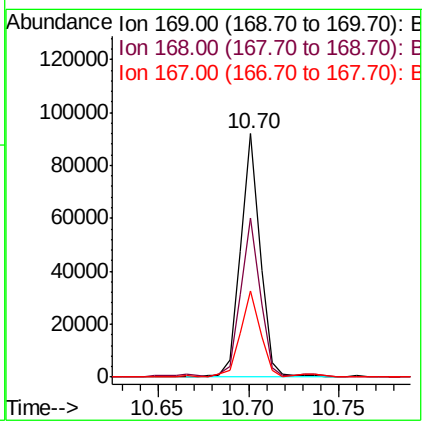


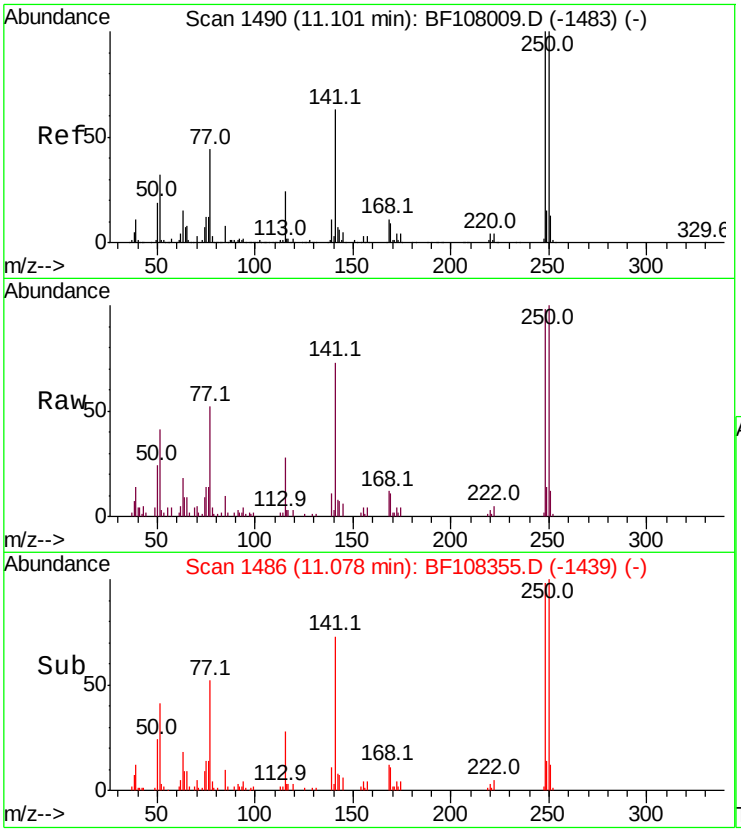


#65
n-Nitrosodiphenylamine
Concen: 4.992 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:169 Resp: 69096

Ion	Ratio	Lower	Upper
169	100		
168	65.3	54.4	81.6
167	35.4	29.8	44.6



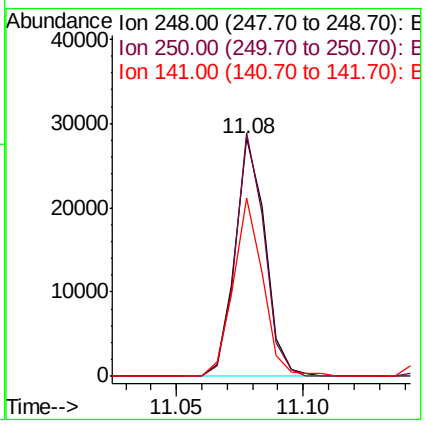


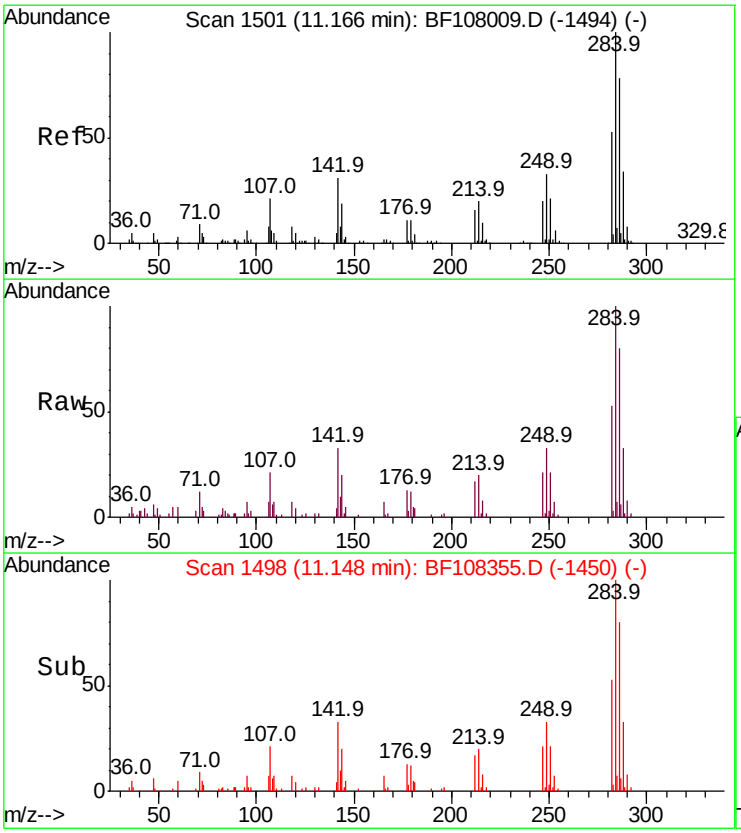
#66
4-Bromophenyl-phenylether
Concen: 4.584 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:248 Resp: 23330

Ion	Ratio	Lower	Upper
248	100		
250	102.4	76.9	115.3
141	74.9	74.4	111.6

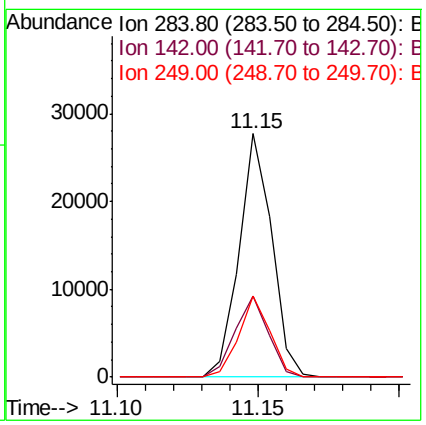


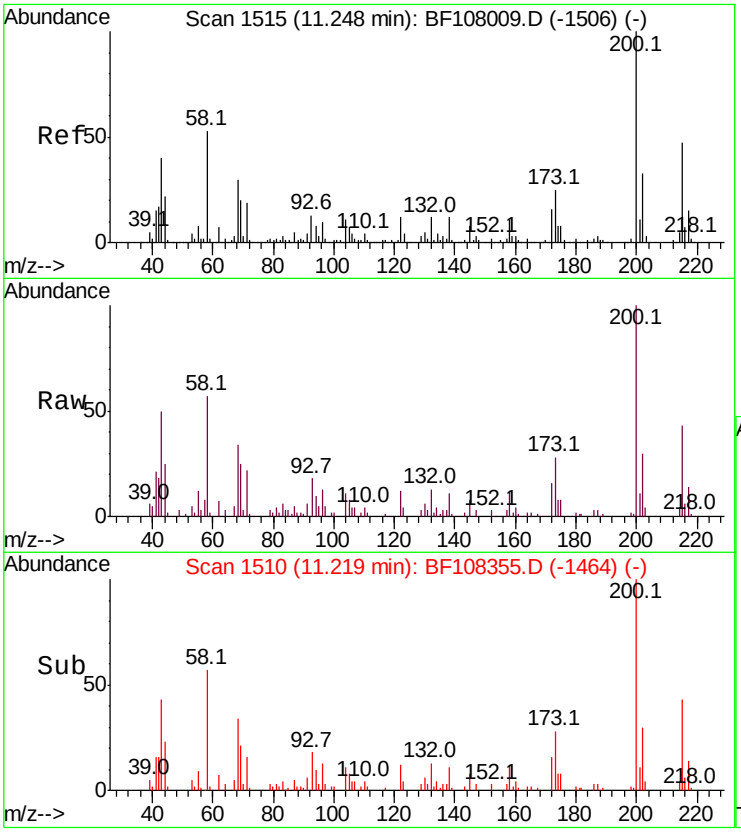


#67
Hexachlorobenzene
Concen: 4.157 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:284 Resp: 22265

Ion	Ratio	Lower	Upper
284	100		
142	33.5	34.6	52.0#
249	33.3	24.8	37.2



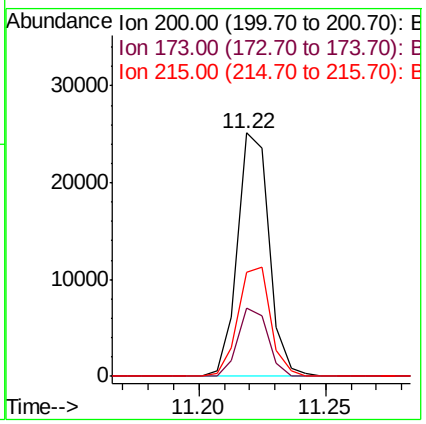


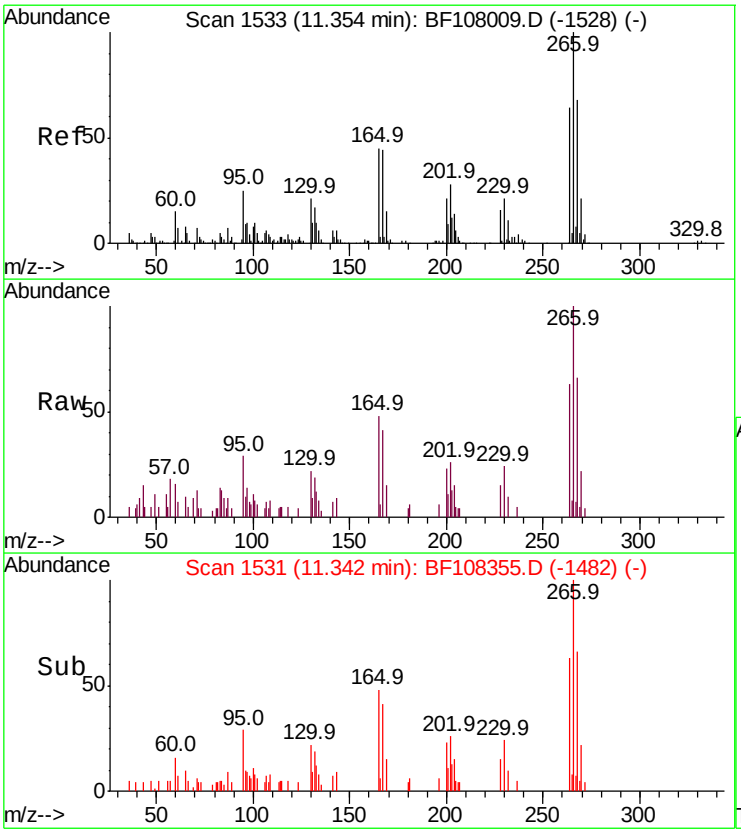
#68
Atrazine
Concen: 4.688 ng
RT: 11.22 min Scan# 1510
Delta R.T. -0.03 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:200 Resp: 21764

Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.6	48.6
215	42.9	25.1	65.1

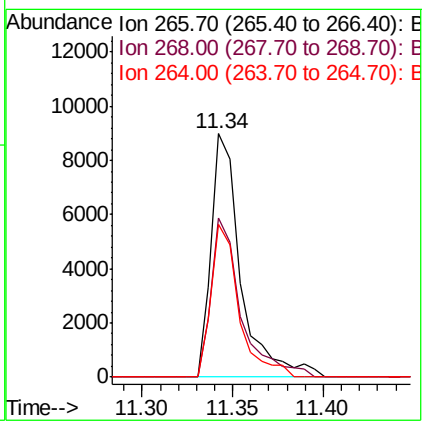


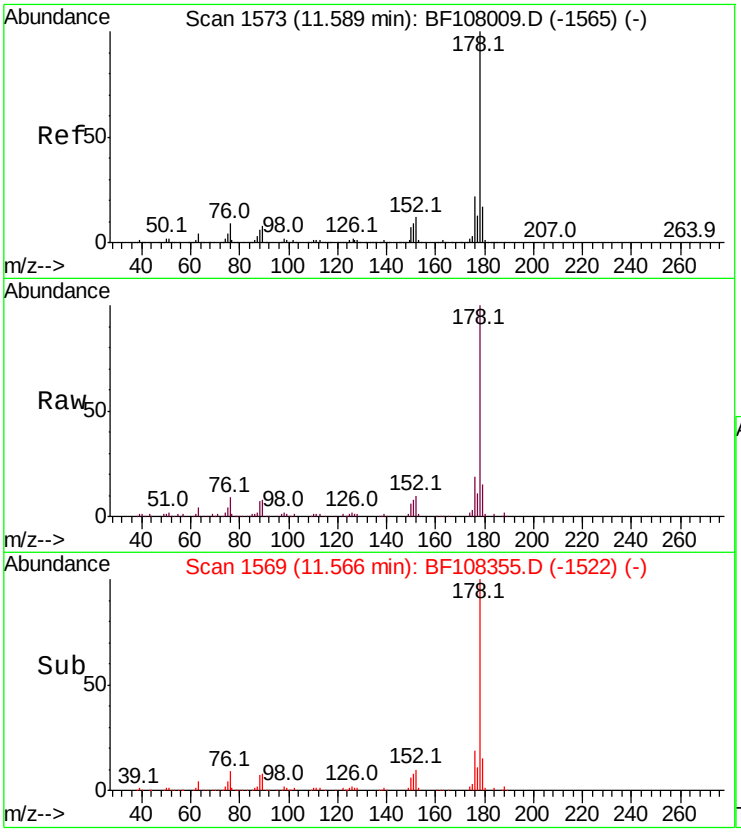


#69
Pentachlorophenol
Concen: 3.990 ng
RT: 11.34 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:266 Resp: 10227

Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.1	76.7
264	62.6	49.5	74.3



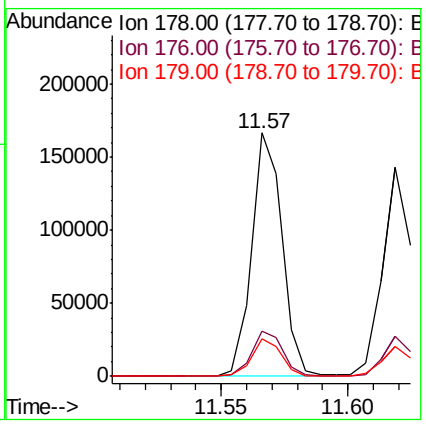


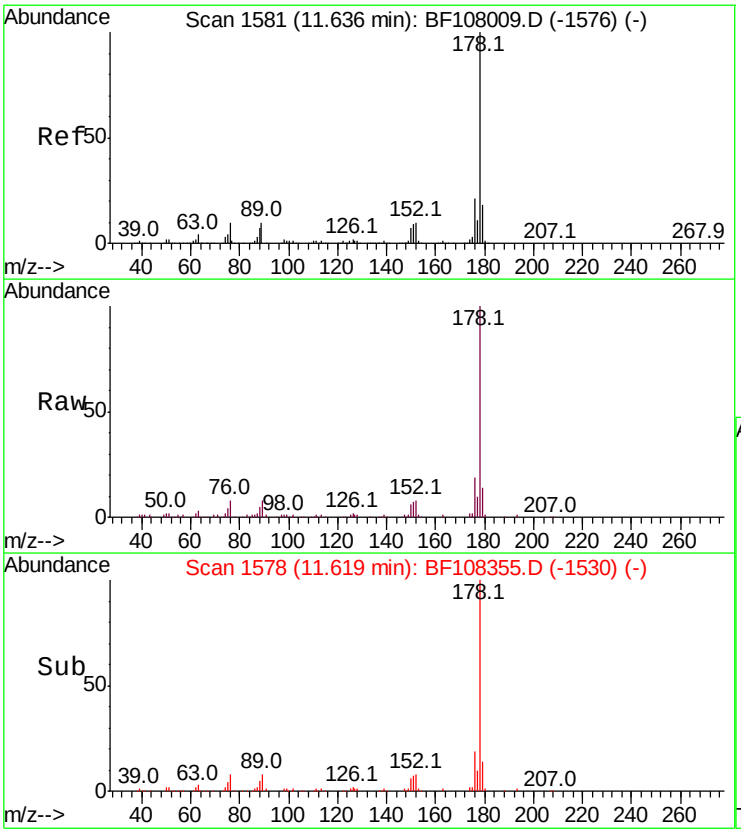
#70
Phenanthrene
Concen: 6.326 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:178 Resp: 139749

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.4	13.0	19.6

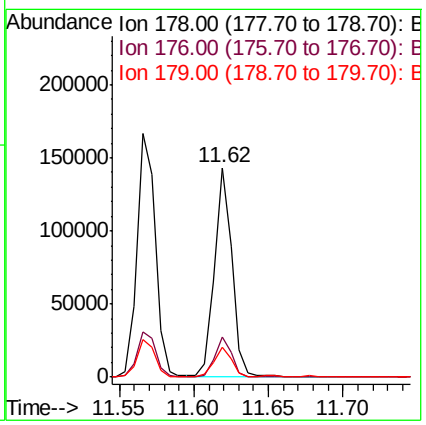


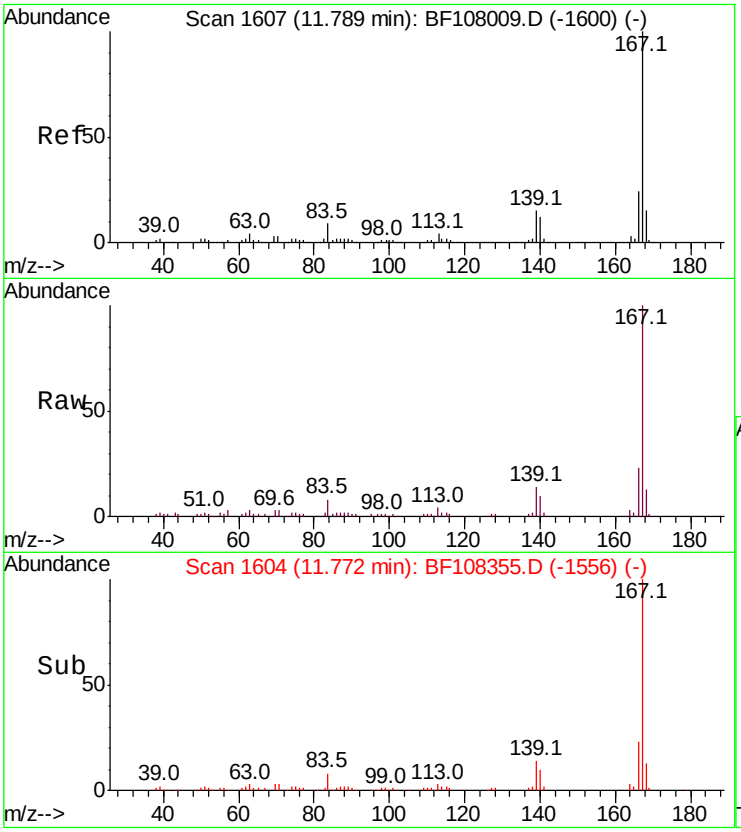


#71
Anthracene
Concen: 5.235 ng
RT: 11.62 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:178 Resp: 118521

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	14.2	12.6	19.0



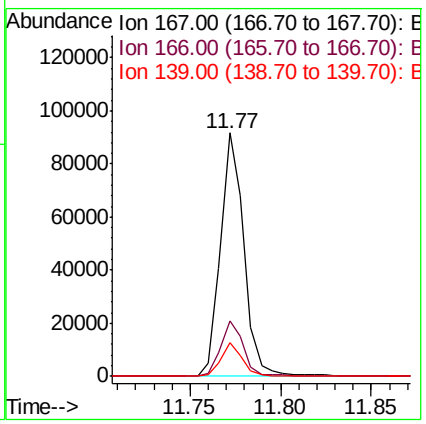


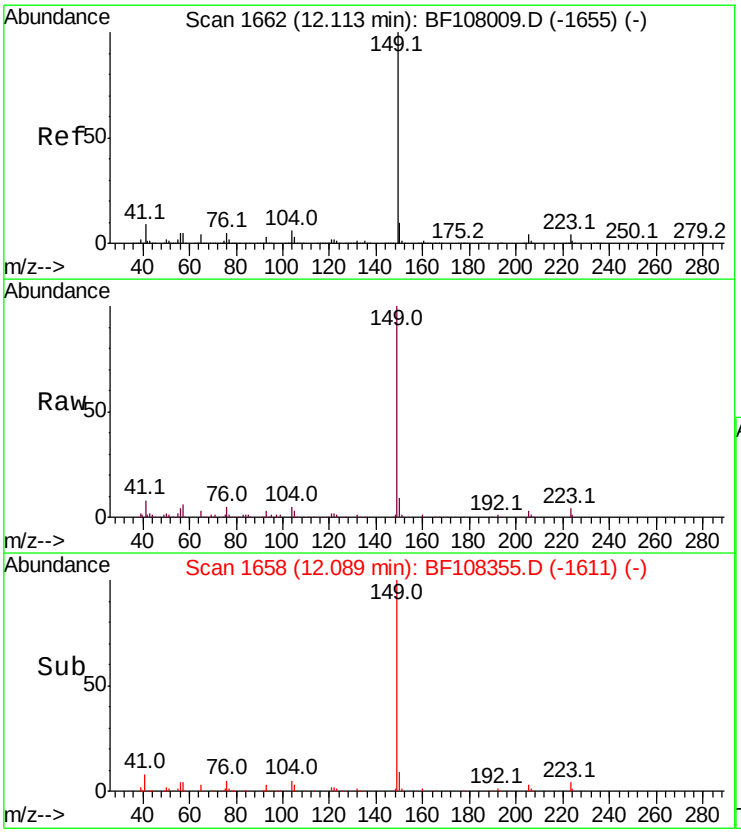
#72
Carbazole
Concen: 4.098 ng
RT: 11.77 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:167 Resp: 82447

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	13.6	10.9	16.3

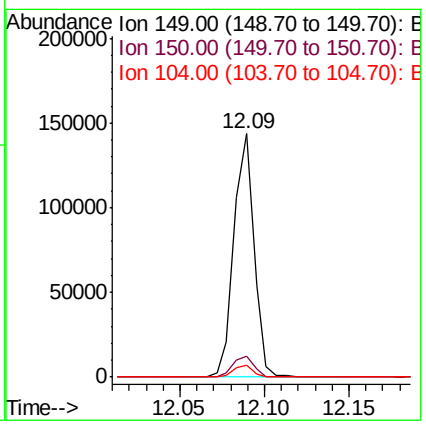


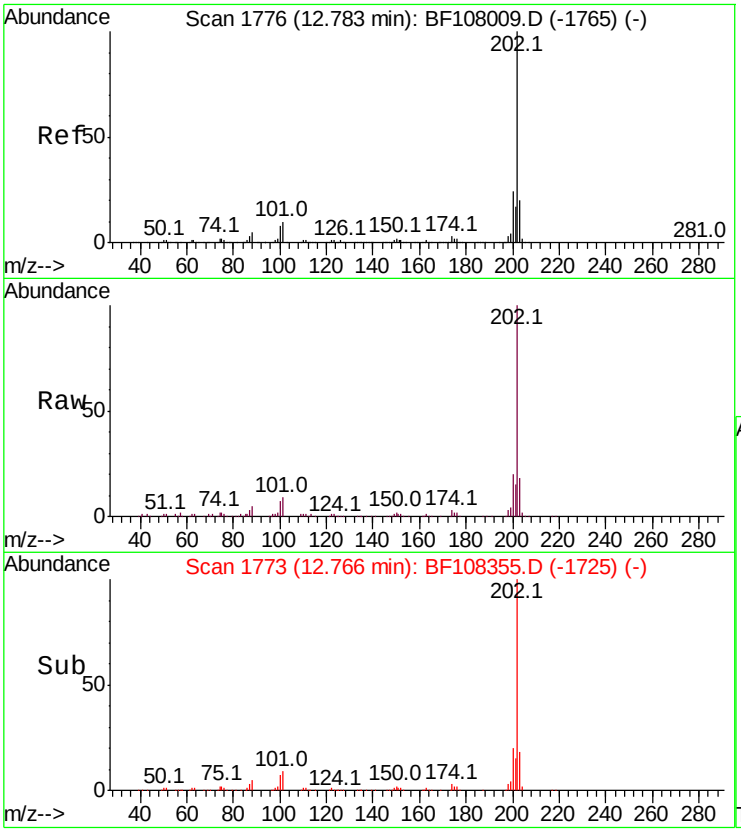


#73
Di-n-butylphthalate
Concen: 5.201 ng
RT: 12.09 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:149 Resp: 118517

Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.8	11.6
104	4.6	3.8	5.8



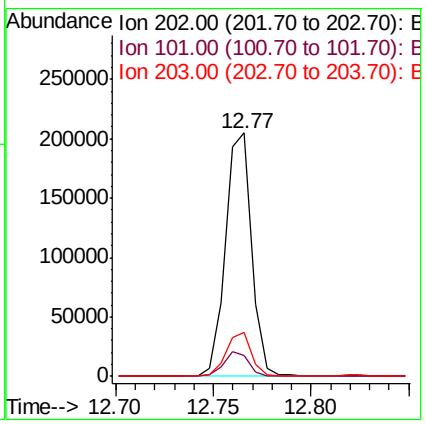


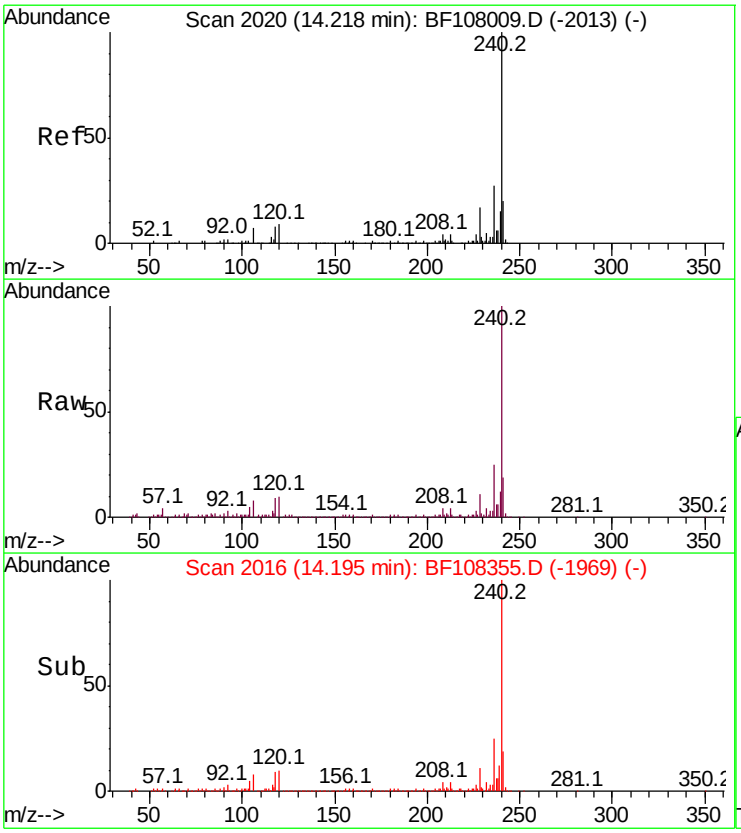
#74
Fluoranthene
Concen: 7.934 ng
RT: 12.77 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:202 Resp: 191278

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	34.1
203	18.1	0.0	38.1

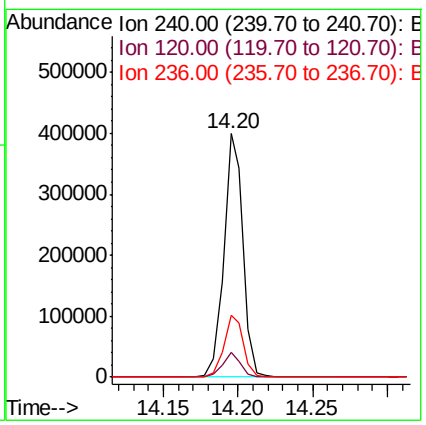


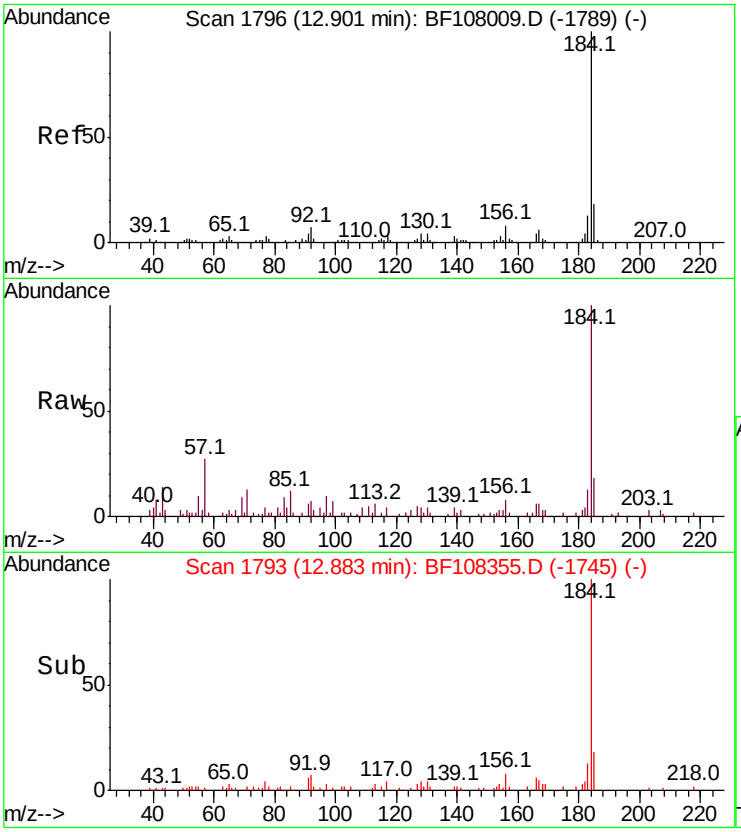


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:240 Resp: 361510

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.5	20.7	31.1



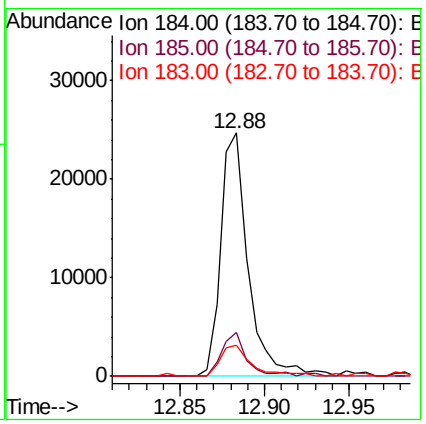


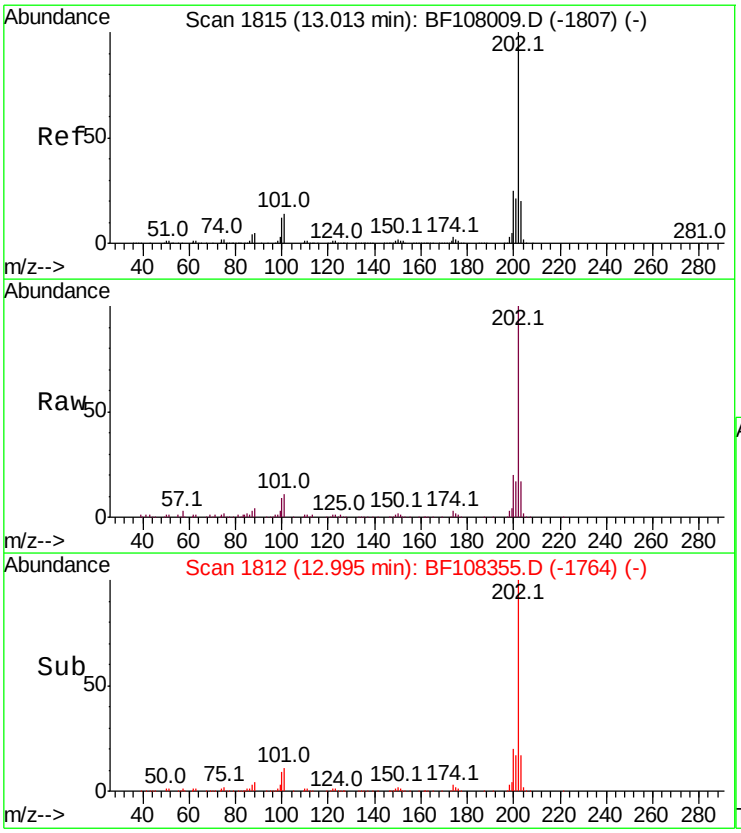
#76
Benzidine
Concen: 2.078 ng
RT: 12.88 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:184 Resp: 28069

Ion	Ratio	Lower	Upper
184	100		
185	17.8	12.6	18.8
183	13.0	9.3	13.9

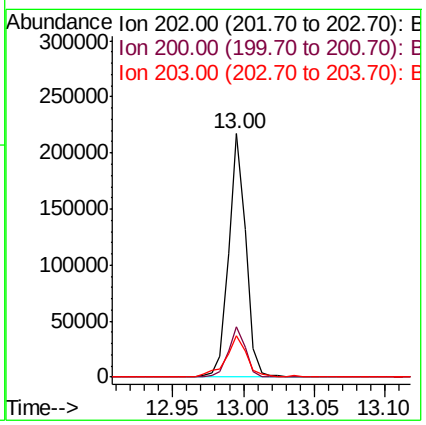


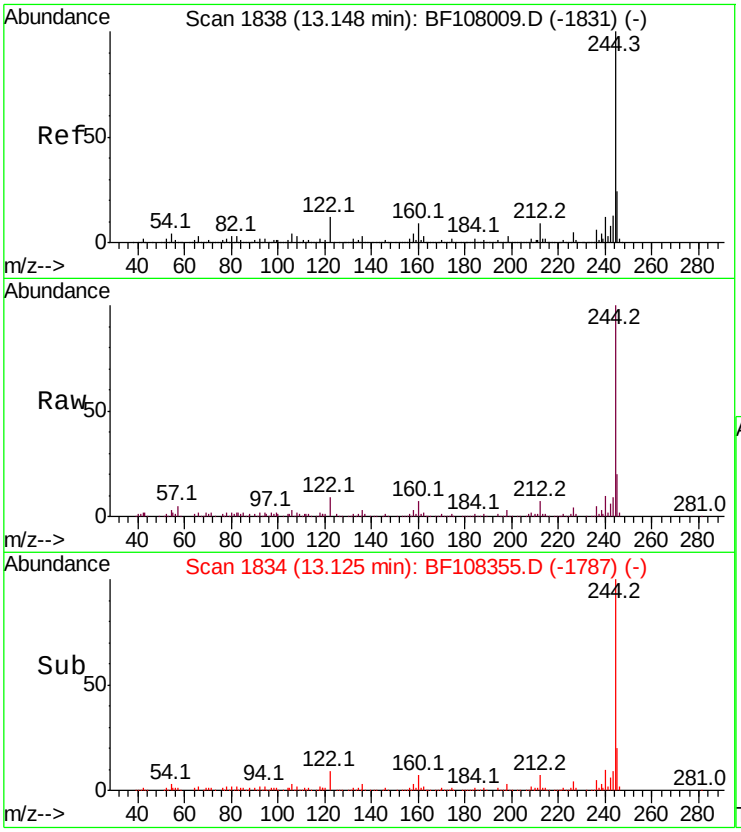


#77
Pyrene
Concen: 8.010 ng
RT: 13.00 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:202 Resp: 183338

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.0	14.3	21.5



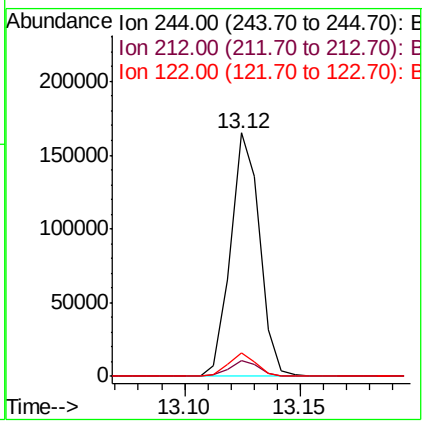


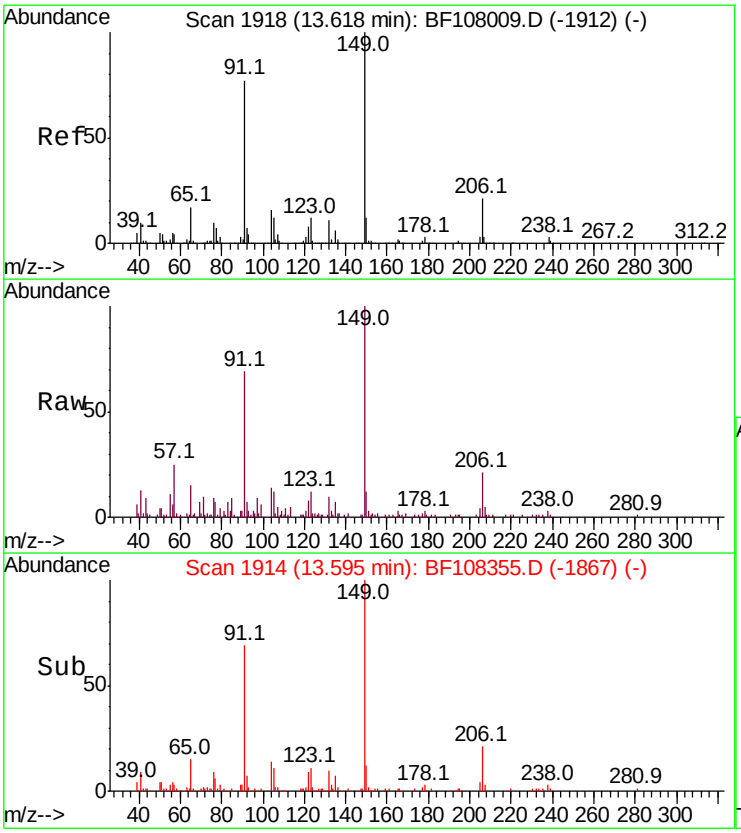
#78
Terphenyl-d14
Concen: 10.213 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:244 Resp: 145213

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	9.5	11.0	16.4#

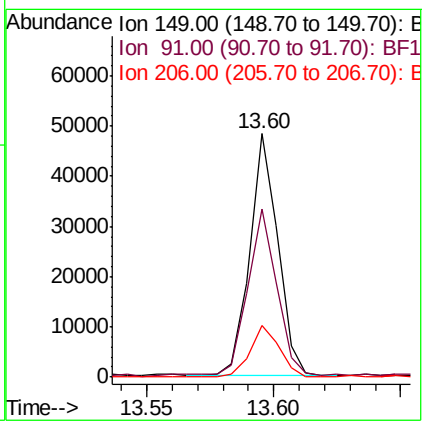


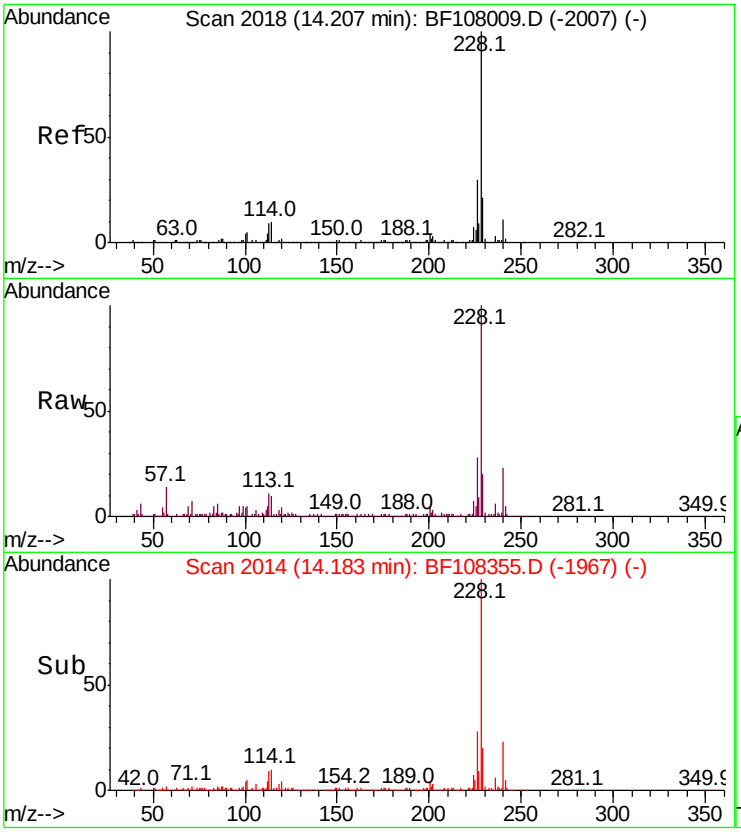


#79
Butylbenzylphthalate
Concen: 4.111 ng
RT: 13.60 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:149 Resp: 37362

Ion	Ratio	Lower	Upper
149	100		
91	69.2	56.8	85.2
206	21.0	14.1	21.1



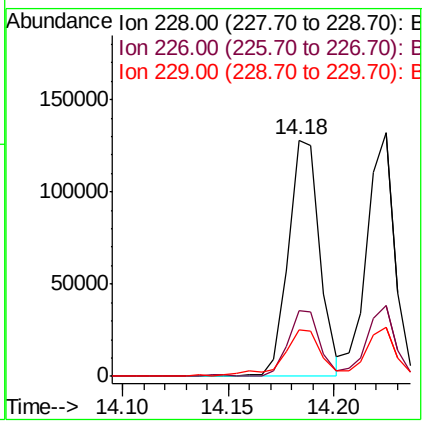


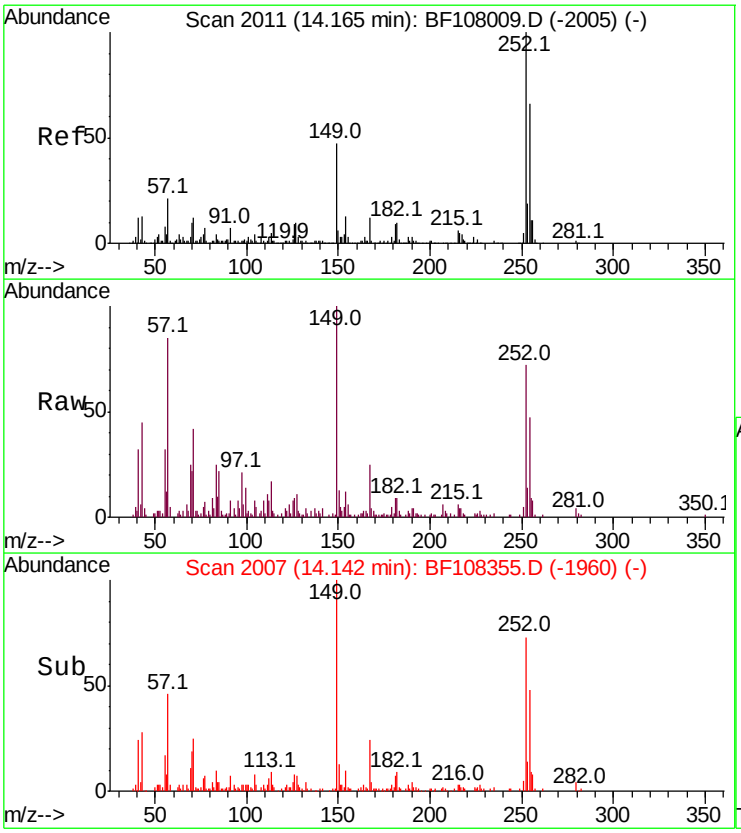
#80
Benzo(a)anthracene
Concen: 6.437 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:228 Resp: 133538

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.9	15.8	23.6

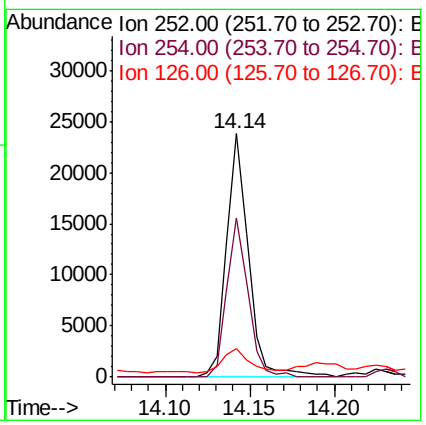


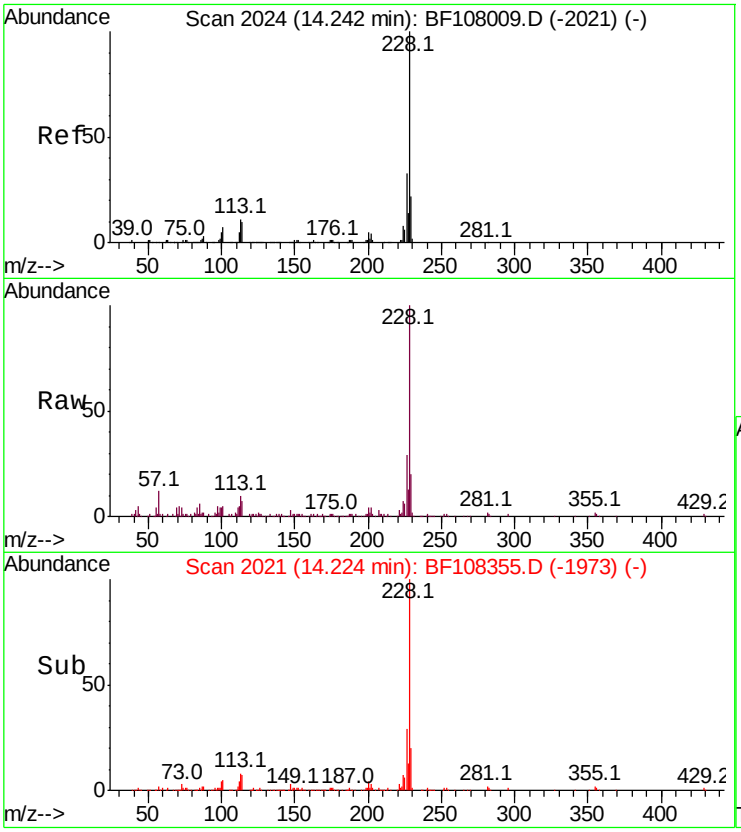


#81
3,3'-Dichlorobenzidine
Concen: 2.899 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:252 Resp: 21558

Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.4	75.6
126	11.9	11.3	16.9



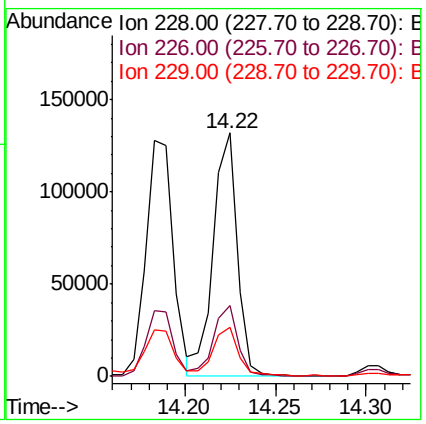


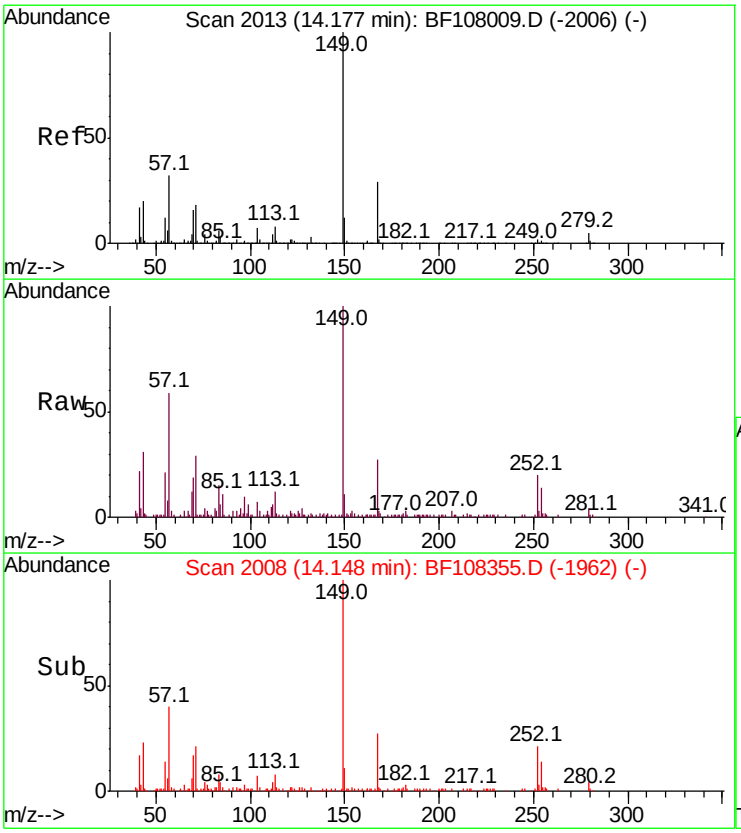
#82
Chrysene
Concen: 6.404 ng
RT: 14.22 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:228 Resp: 121815

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	20.1	16.2	24.4

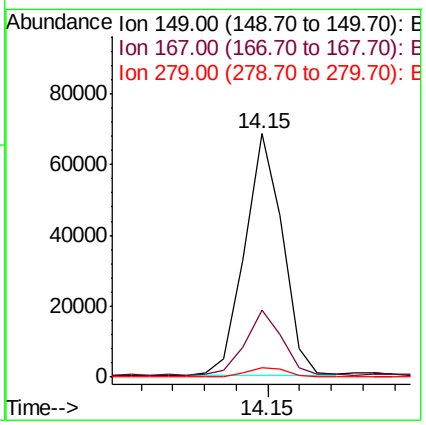


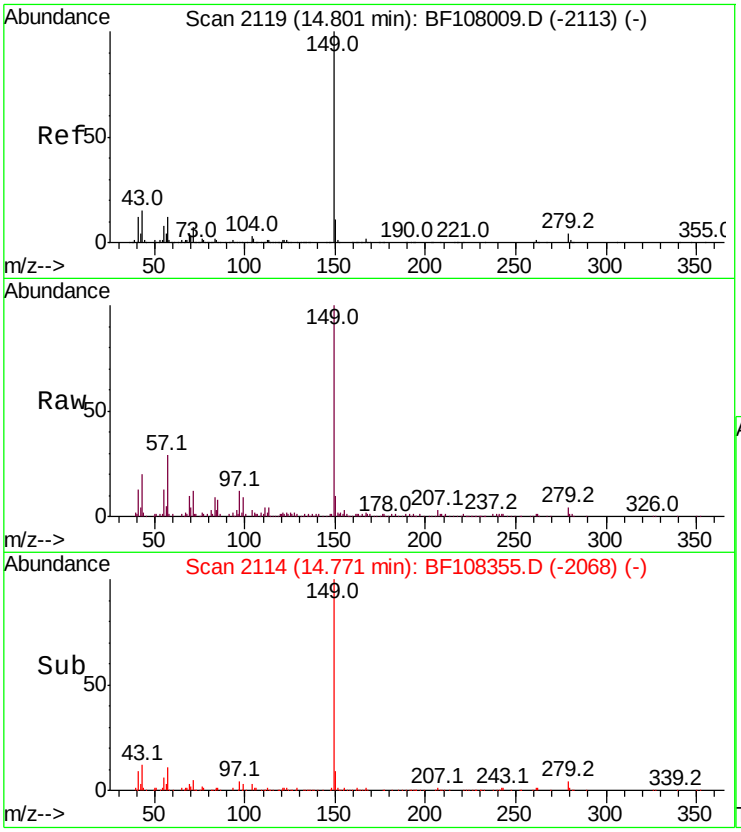


#83
Bis(2-ethylhexyl)phthalate
Concen: 4.576 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.03 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:149 Resp: 56315

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	3.7	3.0	4.4



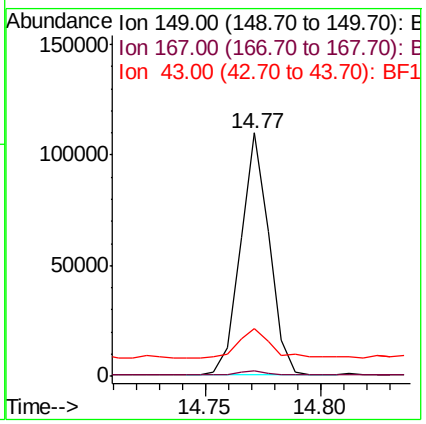


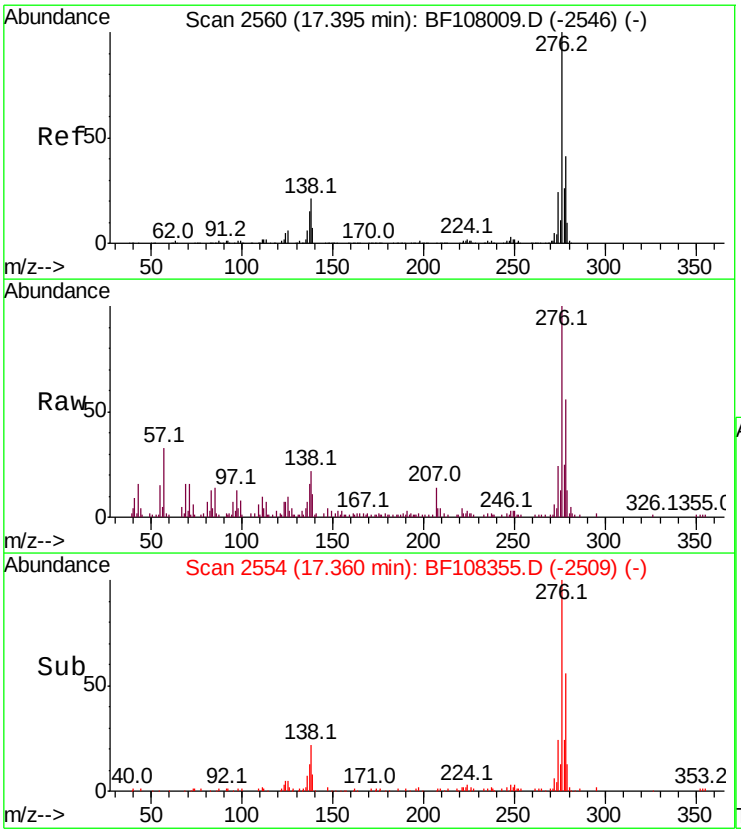
#84
Di-n-octyl phthalate
Concen: 5.018 ng
RT: 14.77 min Scan# 2114
Delta R.T. -0.03 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:149 Resp: 94193

Ion	Ratio	Lower	Upper
149	100		
167	2.1	1.2	1.8#
43	14.5	8.4	12.6#

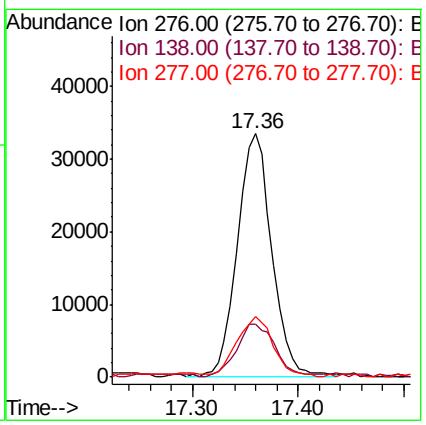


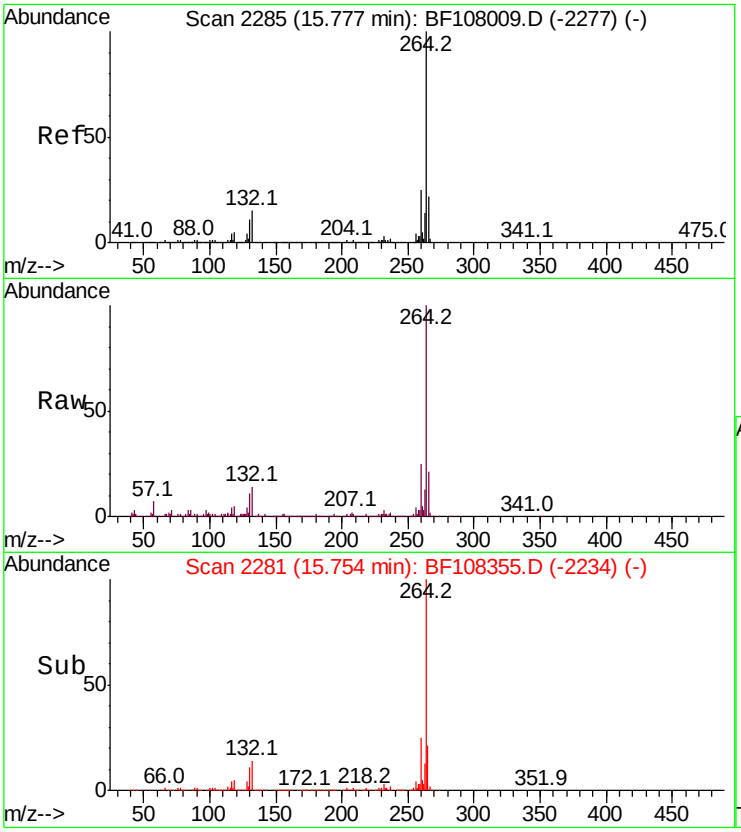


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.626 ng
RT: 17.36 min Scan# 2554
Delta R.T. -0.04 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:276 Resp: 76240

Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.0	37.6#
277	26.6	20.1	30.1



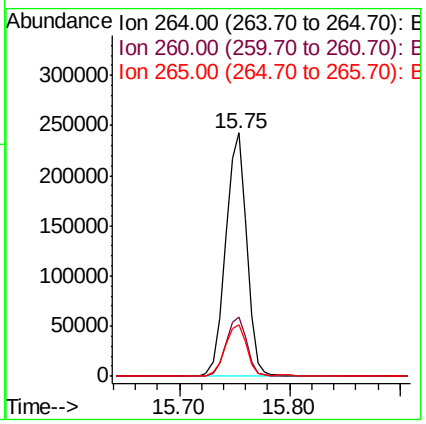


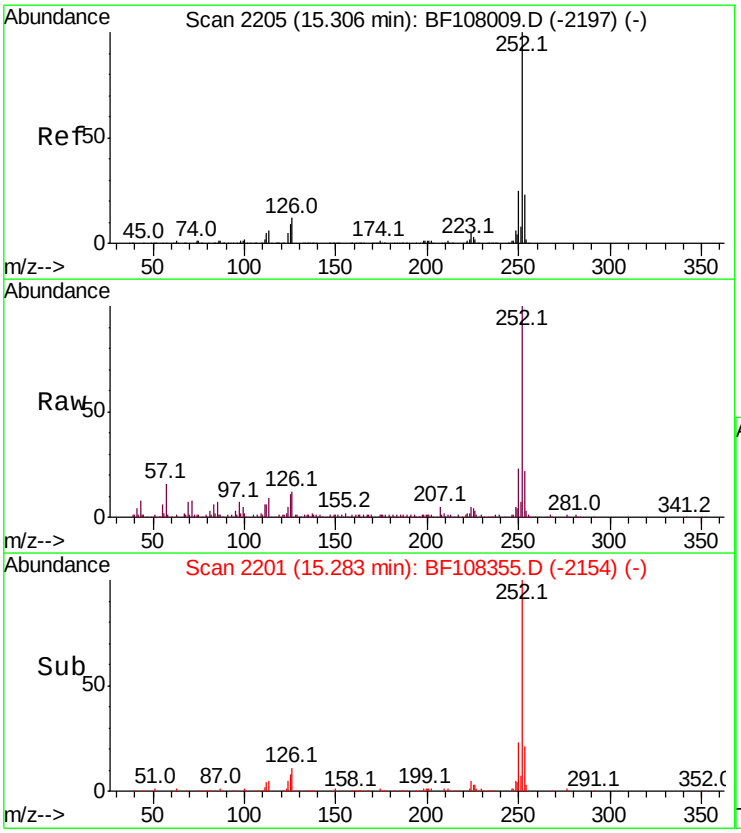
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:264 Resp: 324827

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.4	17.5	26.3

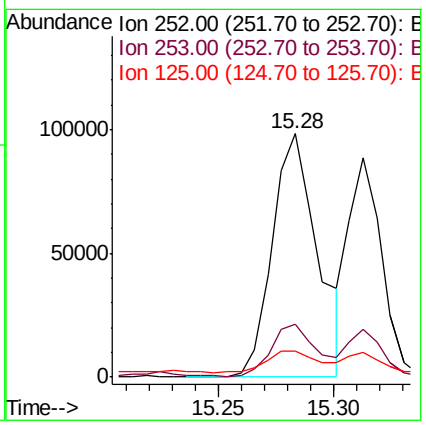


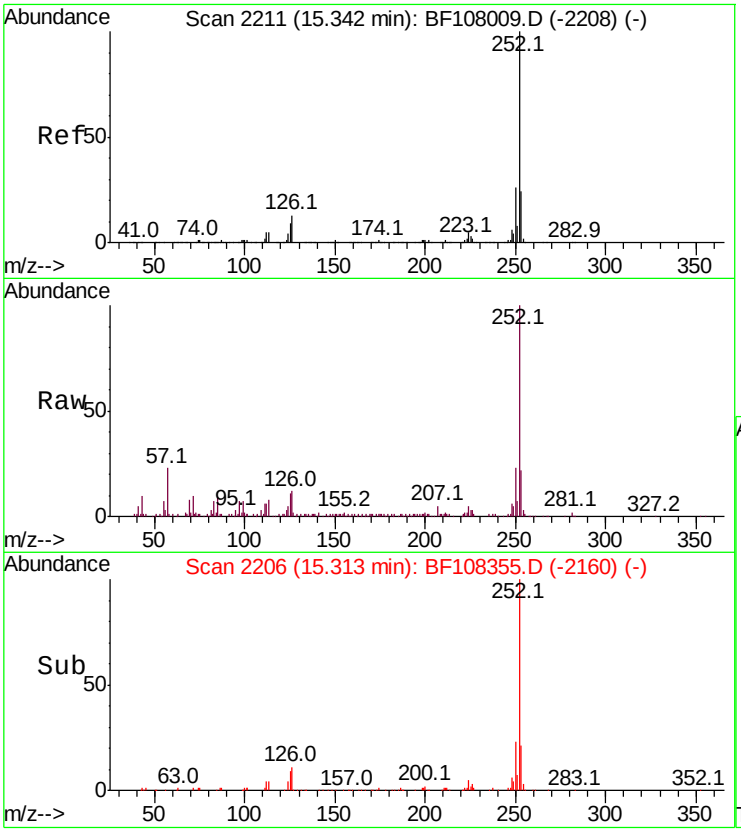


#87
Benzo(b)fluoranthene
Concen: 6.893 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:252 Resp: 133791

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	10.5	9.0	13.6



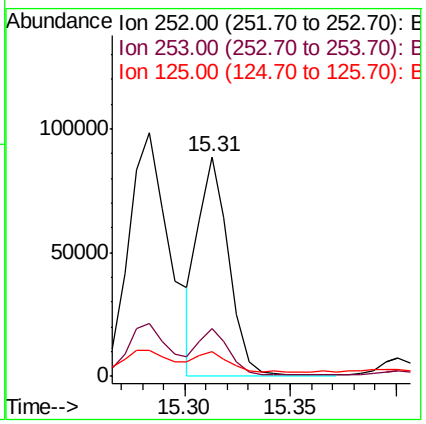


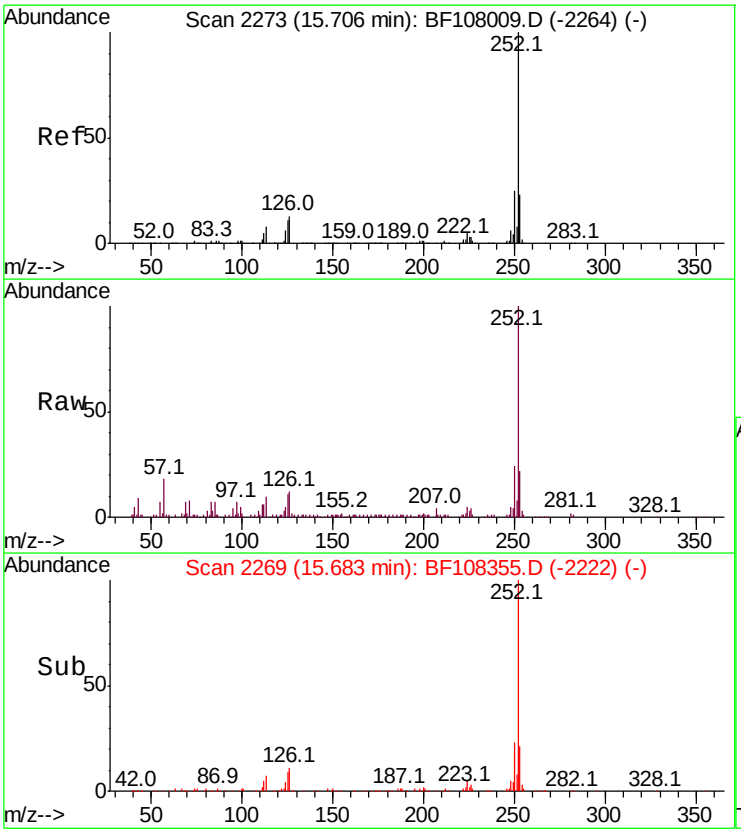
#88
Benzo(k)fluoranthene
Concen: 4.968 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:252 Resp: 88639

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	11.0	10.2	15.2

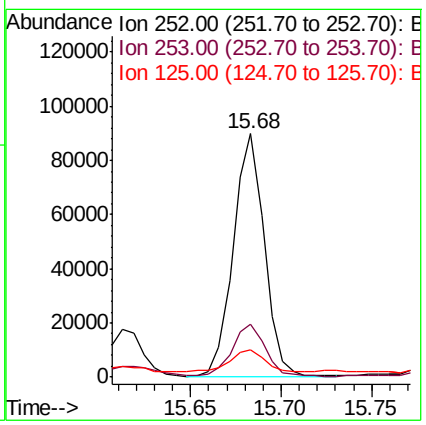


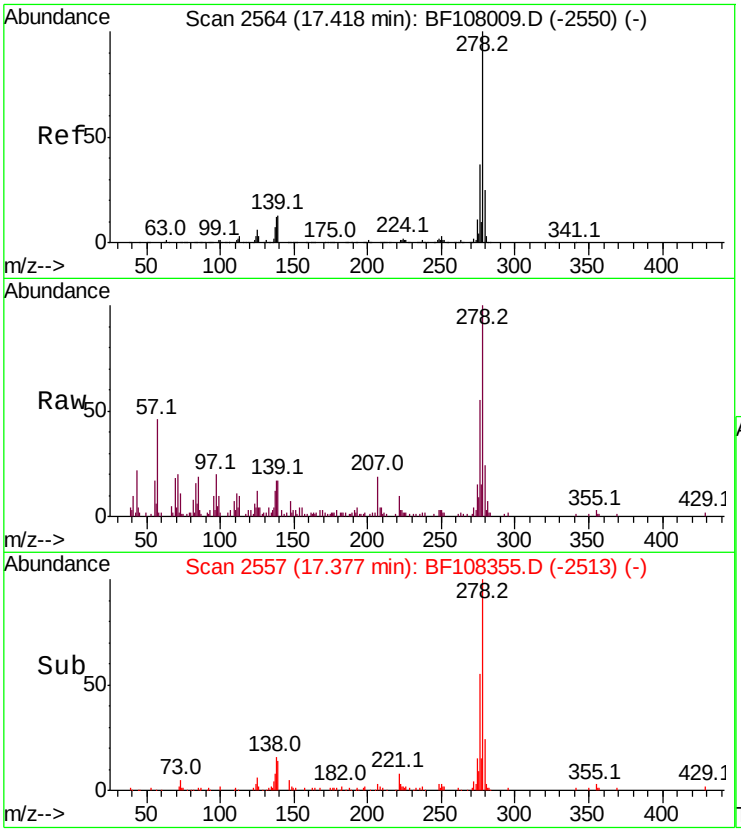


#89
Benzo(a)pyrene
Concen: 6.199 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:252 Resp: 107752

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	11.4	9.8	14.6



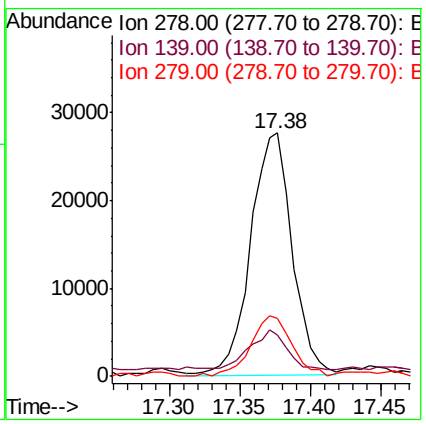


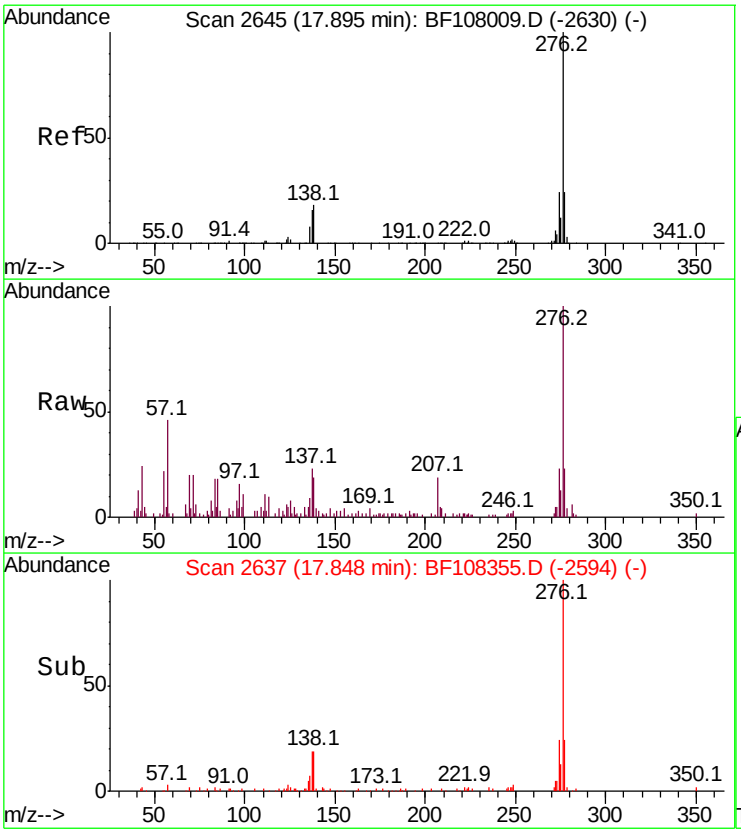
#90
Dibenzo(a,h)anthracene
Concen: 3.955 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.04 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:278 Resp: 56883

Ion	Ratio	Lower	Upper
278	100		
139	16.9	15.9	23.9
279	23.7	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 4.302 ng
RT: 17.85 min Scan# 2637
Delta R.T. -0.05 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:276 Resp: 60920

Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	18.9	21.8	32.8#