Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109767.D
Acq On : 11 Oct 2018 3:25
Operator : JU/SJ
Sample : J5326-04MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

Manual Integrations APPROVED
Sohil
10/11/2018 2:03:05 PM

Quant Time: Oct 11 07:20:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	87303	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	340626	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	156633	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	264013	20.00	ng		0.00
75) Chrysene-d12	13.83	240	194670	20.00	ng		0.00
86) Perylene-d12	15.23	264	187562	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	487368	99.09	ng		0.01
7) Phenol-d6	6.36	99	582076	88.59	ng		0.00
23) Nitrobenzene-d5	7.26	82	485178	78.52	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	178535	104.61	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	888766	78.15	ng		0.00
78) Terphenyl-d14	12.78	244	721836	71.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	77005	29.832	ng	#	82
3) Pyridine	3.22	79	139864	26.263	ng		98
4) n-Nitrosodimethylamine	3.13	42	90532	47.098	ng		91
6) Aniline	6.37	93	110653	14.457	ng	#	1
8) 2-Chlorophenol	6.49	128	262019	43.317	ng		100
9) Benzaldehyde	6.25	77	101202	23.936	ng		98
10) Phenol	6.37	94	242451	32.180	ng	#	76
11) bis(2-Chloroethyl)ether	6.44	93	231570m	37.074	ng		
12) 1,3-Dichlorobenzene	6.64	146	280031	40.476	ng		98
13) 1,4-Dichlorobenzene	6.72	146	303028	40.181	ng		99
14) 1,2-Dichlorobenzene	6.87	146	281881	42.560	ng		99
15) Benzyl Alcohol	6.85	79	212996	43.727	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	343008	41.414	ng		98
17) 2-Methylphenol	6.97	107	196133	41.002	ng		99
18) Hexachloroethane	7.20	117	108588	40.735	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	195313	42.389	ng		98
20) 3+4-Methylphenols	7.13	107	235939	40.028	ng		98
22) Acetophenone	7.11	105	393927	47.824	ng	#	99
24) Nitrobenzene	7.28	77	287977	44.787	ng		97
25) Isophorone	7.52	82	528734	51.528	ng		99
26) 2-Nitrophenol	7.60	139	131779	43.815	ng		99
27) 2,4-Dimethylphenol	7.65	122	221600	51.023	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	328344	47.307	ng		99
29) 2,4-Dichlorophenol	7.85	162	223551	45.889	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	237481	44.036	ng		99
31) Naphthalene	8.00	128	820849	52.107	ng		99
32) Benzoic acid	7.80	122	101171m	32.581	ng		
33) 4-Chloroaniline	8.06	127	60732	8.755	ng		97
34) Hexachlorobutadiene	8.12	225	146665	43.740	ng		98
35) Caprolactam	8.43	113	48769m	33.522	ng		
36) 4-Chloro-3-methylphenol	8.55	107	236434	45.978	ng		98
37) 2-Methylnaphthalene	8.69	142	520824	50.473	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	244311	45.821	ng		98
40) Hexachlorocyclopentadiene	8.85	237	97867	45.348	ng		100

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Sample : J5326-04MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FL-PIT-1MSD

Manual Integrations APPROVED
Sohil
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Quant Time: Oct 11 07:20:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	144338	45.285	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	165950	45.282	ng		99
45) 1,1'-Biphenyl	9.15	154	630705	45.074	ng		99
46) 2-Chloronaphthalene	9.17	162	478820	45.675	ng		98
47) 2-Nitroaniline	9.28	65	152803	48.138	ng		98
48) Acenaphthylene	9.59	152	744600	48.720	ng		99
49) Dimethylphthalate	9.46	163	574934	50.048	ng		100
50) 2,6-Dinitrotoluene	9.52	165	118535	47.602	ng		94
51) Acenaphthene	9.76	154	419417	46.294	ng		99
52) 3-Nitroaniline	9.69	138	52751	18.898	ng		95
53) 2,4-Dinitrophenol	9.80	184	42210	52.539	ng		93
54) Dibenzofuran	9.93	168	628506	46.280	ng		100
55) 4-Nitrophenol	9.87	139	104322	68.279	ng		92
56) 2,4-Dinitrotoluene	9.93	165	144730	46.574	ng		93
57) Fluorene	10.27	166	489289	48.245	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	143312	48.106	ng		94
59) Diethylphthalate	10.15	149	558570	49.075	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	240758	44.998	ng		96
61) 4-Nitroaniline	10.30	138	99909	38.649	ng		100
62) Azobenzene	10.43	77	536448	46.412	ng		99
64) 4,6-Dinitro-2-methylphenol	10.34	198	36318	28.263	ng		97
65) n-Nitrosodiphenylamine	10.39	169	451130	50.405	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	149235	49.195	ng		93
67) Hexachlorobenzene	10.82	284	152919	46.552	ng		94
68) Atrazine	10.92	200	145479	52.084	ng		98
69) Pentachlorophenol	11.02	266	133128	72.023	ng		97
70) Phenanthrene	11.23	178	657946	49.798	ng		99
71) Anthracene	11.28	178	704043	51.549	ng		100
72) Carbazole	11.44	167	596245	45.012	ng		99
73) Di-n-butylphthalate	11.77	149	788536	51.325	ng		99
74) Fluoranthene	12.41	202	643382	46.613	ng		98
76) Benzidine	12.54	184	213580	29.534	ng	#	95
77) Pyrene	12.64	202	628862	44.091	ng		99
79) Butylbenzylphthalate	13.26	149	294039	47.551	ng		97
80) Benzo(a)anthracene	13.82	228	531973	49.520	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	147055	33.996	ng		99
82) Chrysene	13.86	228	562208	49.824	ng		100
83) Bis(2-ethylhexyl)phthalate	13.82	149	380321	50.412	ng		99
84) Di-n-octyl phthalate	14.42	149	695805	58.349	ng		99
85) Indeno(1,2,3-cd)pyrene	16.59	276	442167	54.747	ng		99
87) Benzo(b)fluoranthene	14.84	252	530199	51.153	ng		99
88) Benzo(k)fluoranthene	14.86	252	511897	49.153	ng		99
89) Benzo(a)pyrene	15.17	252	483598	51.414	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	371431	48.082	ng		98
91) Benzo(g,h,i)perylene	16.98	276	346779	44.954	ng		99

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

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Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

Manual Integrations APPROVED
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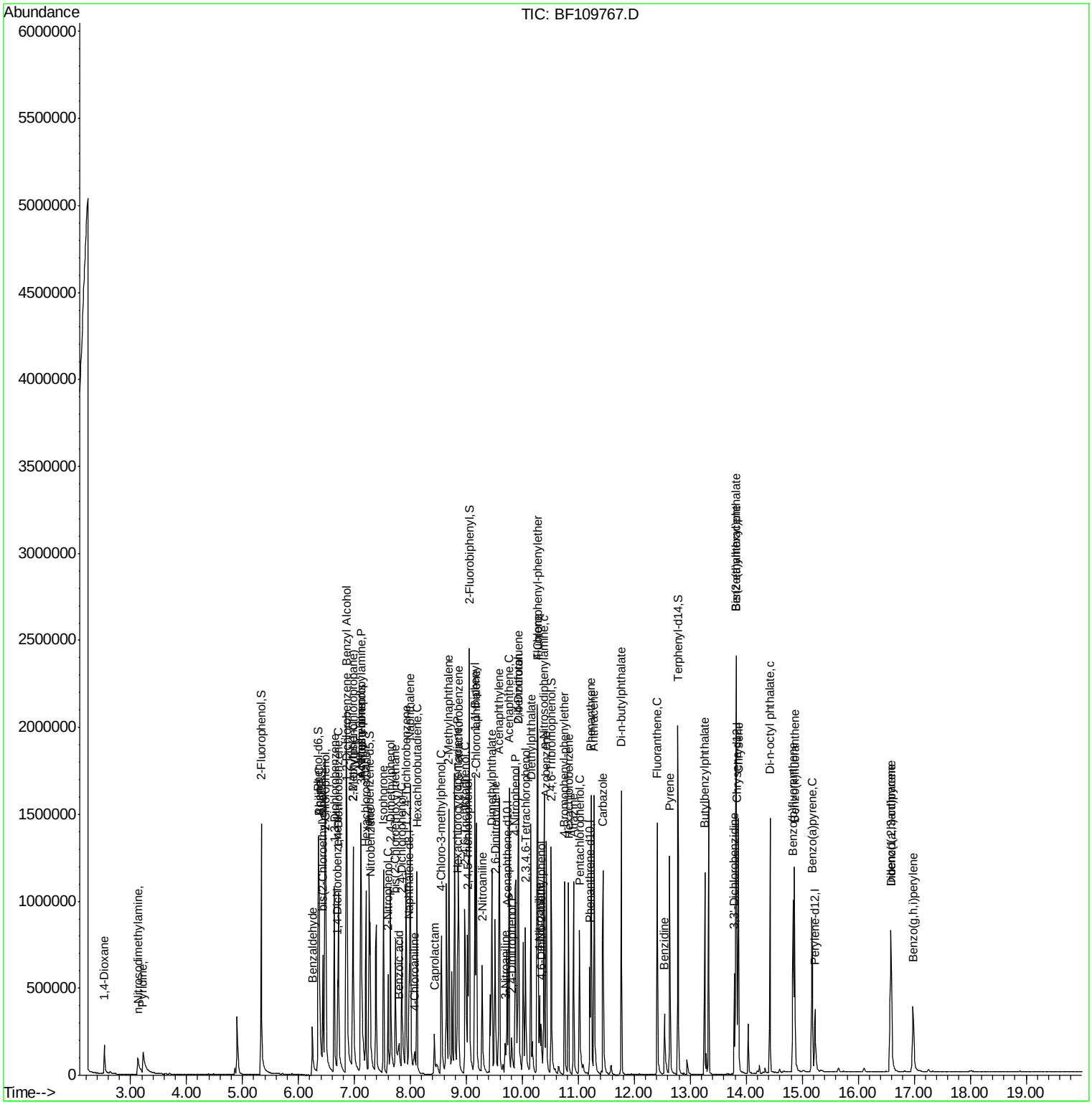
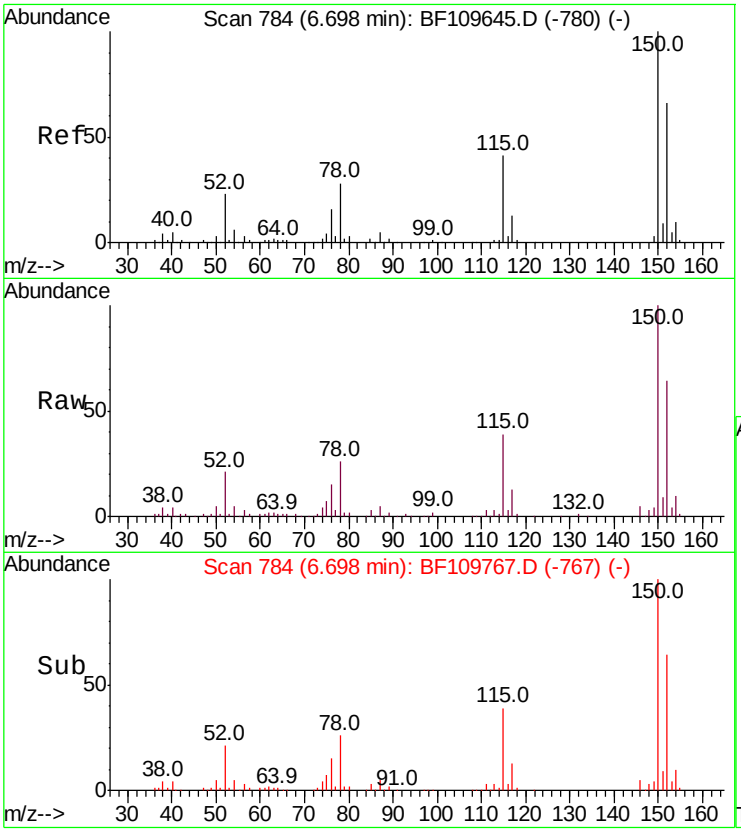
10/11/2018 2:03:05 PM

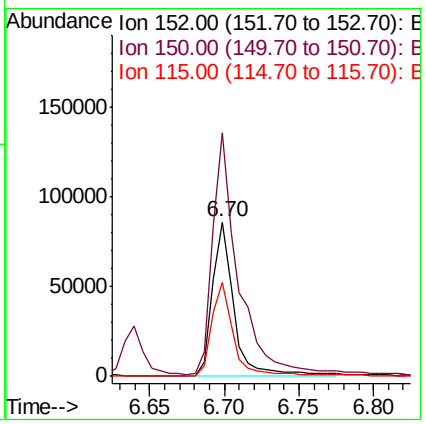




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:152 Resp: 87303

Ion	Ratio	Lower	Upper
152	100		
150	157.4	122.7	184.1
115	61.1	49.1	73.7



Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

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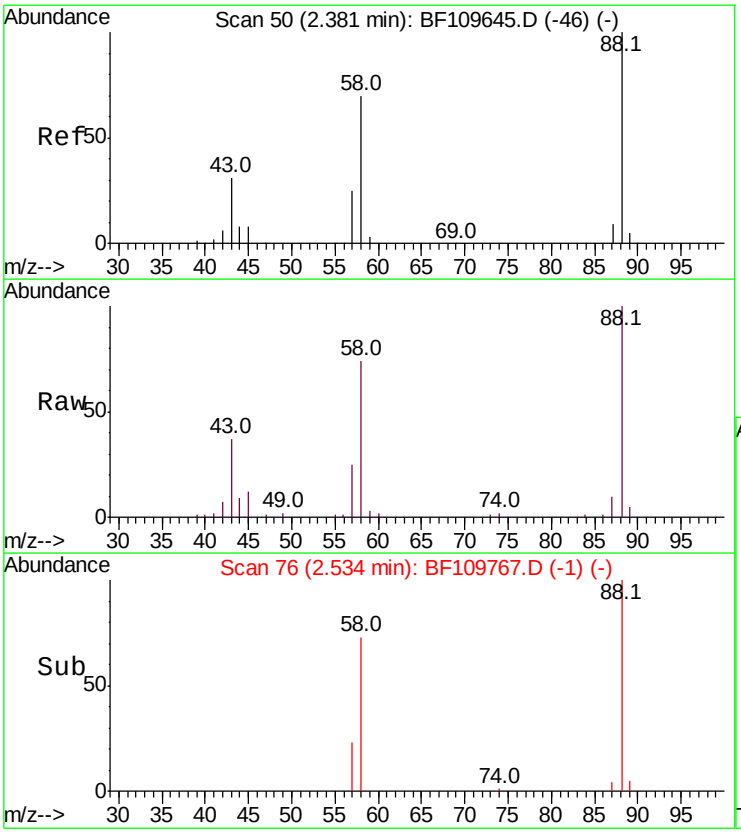
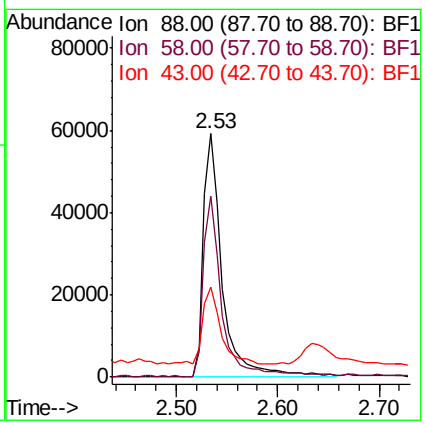
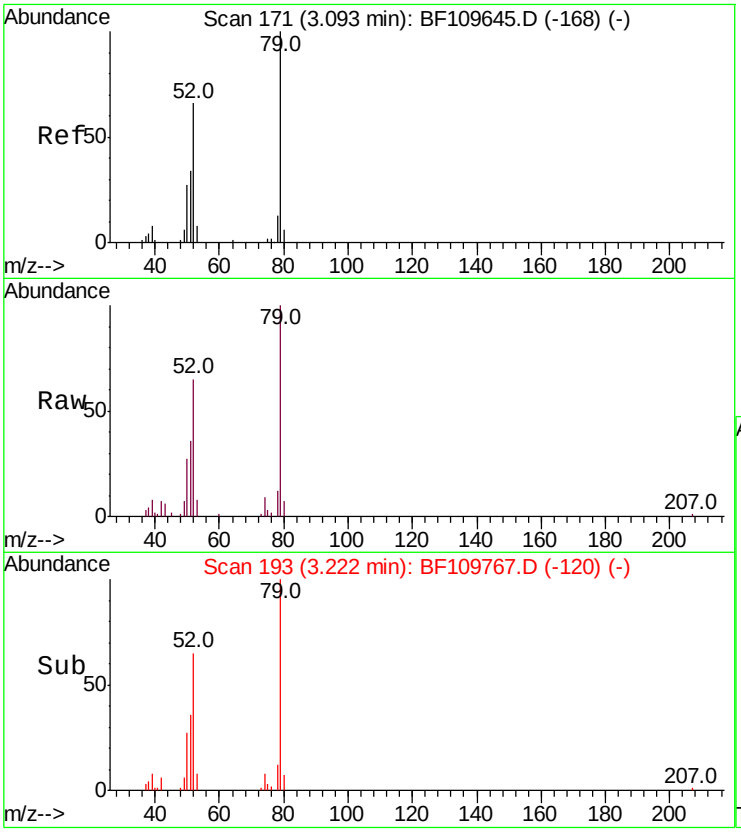


#2
1,4-Dioxane
Concen: 29.832 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.15 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion: 88 Resp: 77005

Ion	Ratio	Lower	Upper
88	100		
58	72.9	57.1	85.7
43	0.0	24.1	36.1#

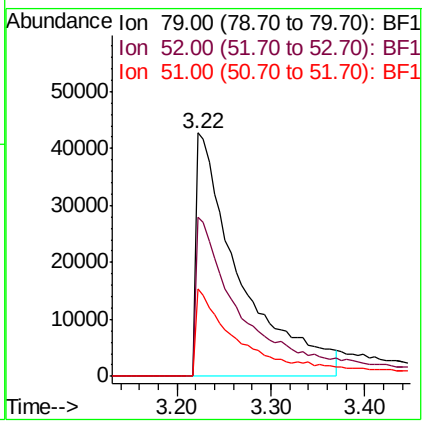




#3
Pyridine
Concen: 26.263 ng
RT: 3.22 min Scan# 193
Delta R.T. 0.13 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion: 79 Resp: 139864

Ion	Ratio	Lower	Upper
79	100		
52	65.3	53.1	79.7
51	35.8	27.4	41.2



Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

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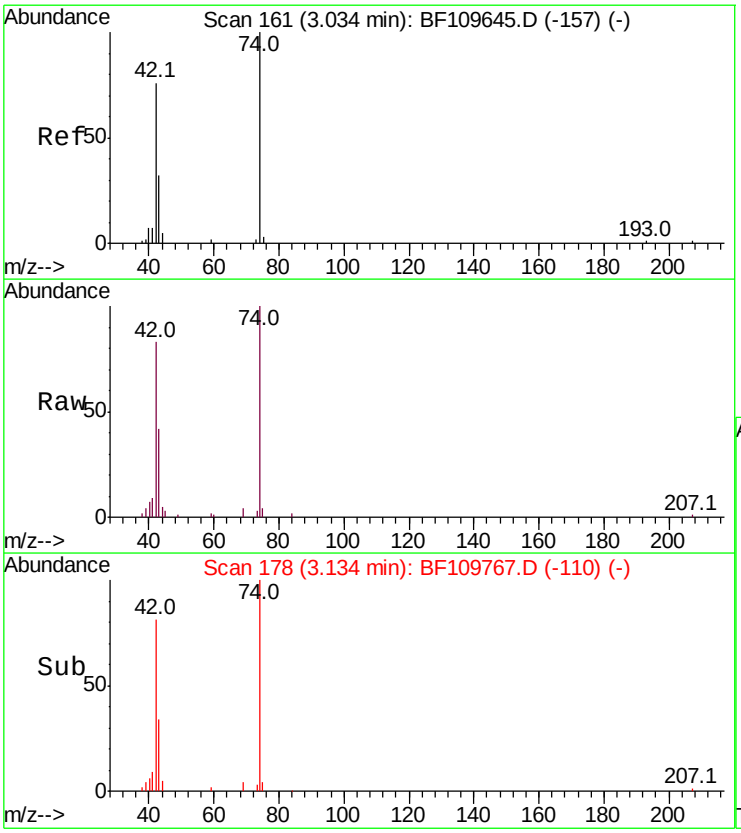
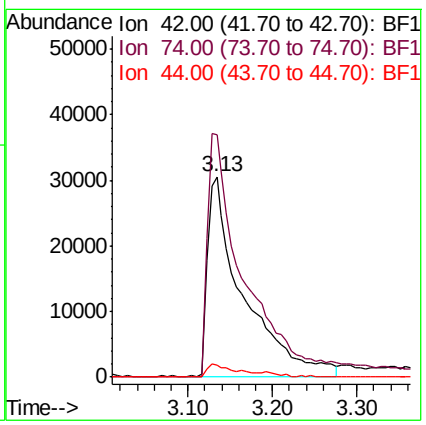
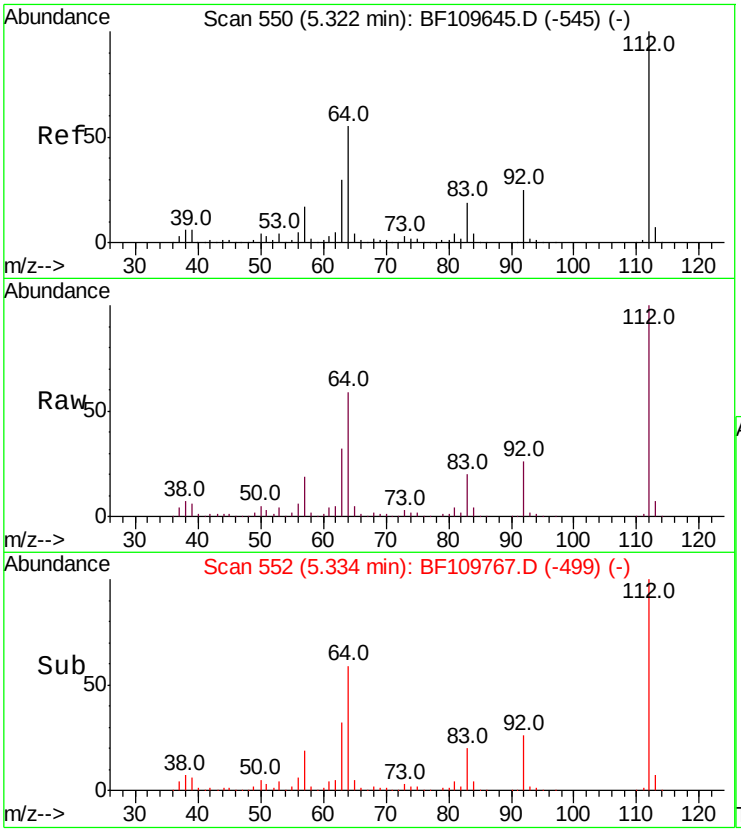


#4
n-Nitrosodimethylamine
Concen: 47.098 ng
RT: 3.13 min Scan# 178
Delta R.T. 0.10 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion: 42 Resp: 90532

Ion	Ratio	Lower	Upper
42	100		
74	120.6	105.5	158.3
44	6.2	4.9	7.3

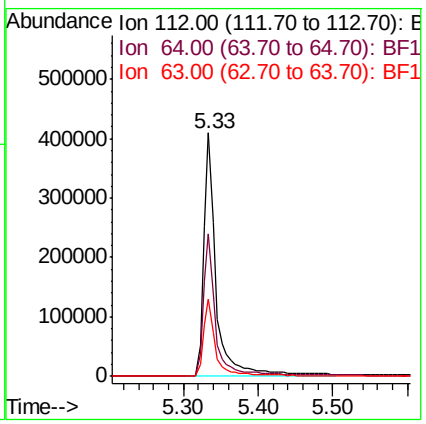




#5
2-Fluorophenol
Concen: 99.091 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:112 Resp: 487368

Ion	Ratio	Lower	Upper
112	100		
64	58.6	44.1	66.1
63	31.9	23.7	35.5



Instrument :
BNA_F
ClientSampleId :
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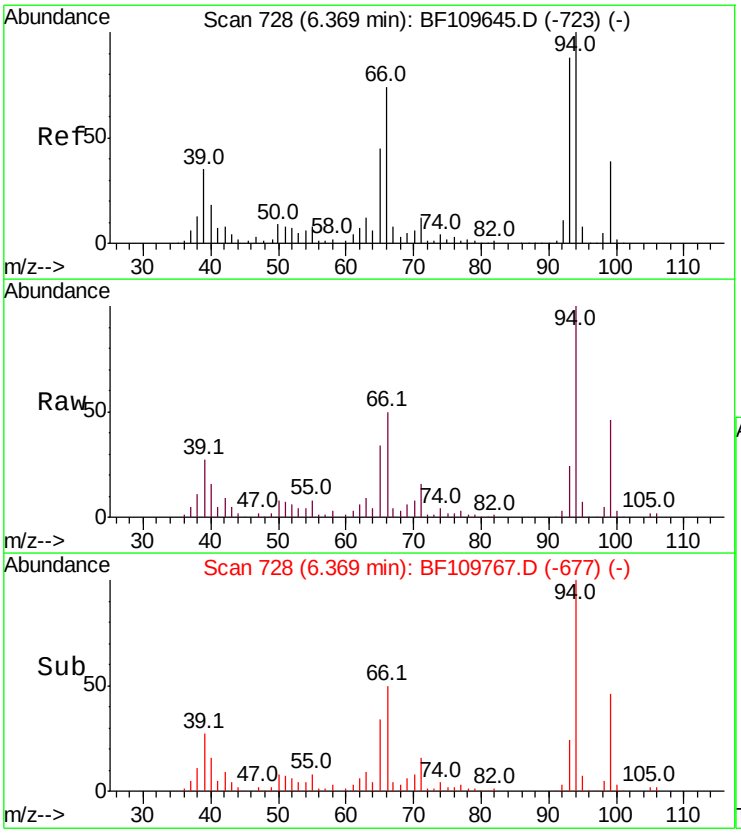
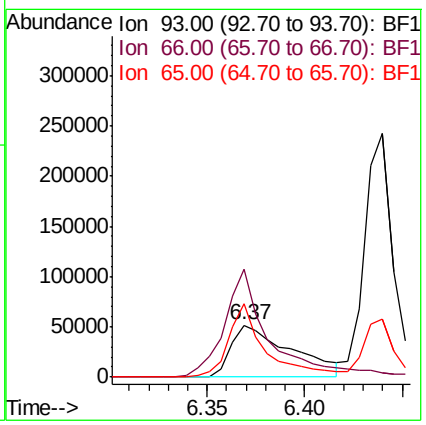
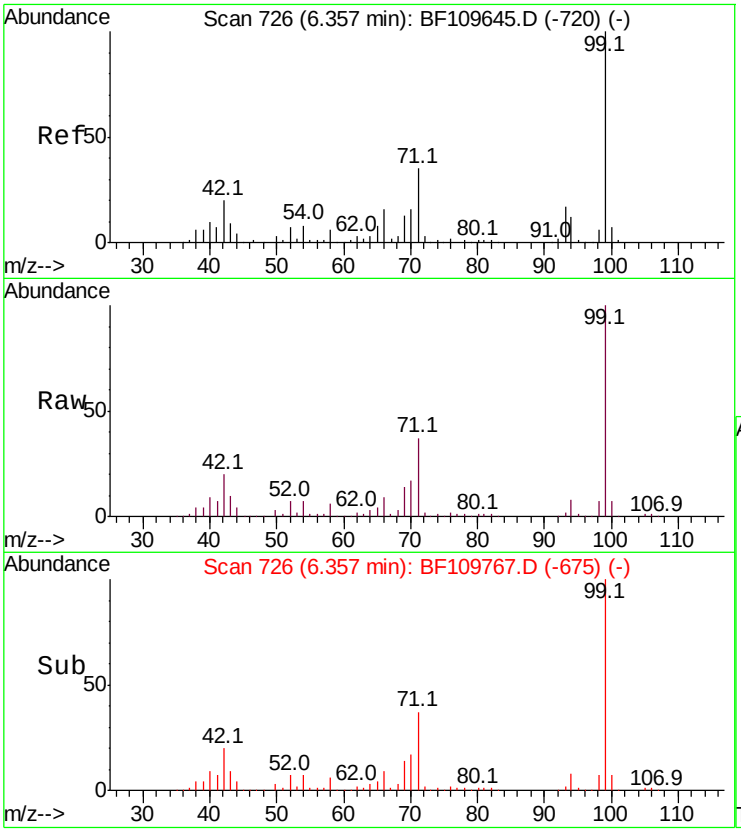


#6
Aniline
Concen: 14.457 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion: 93 Resp: 110653

Ion	Ratio	Lower	Upper
93	100		
66	208.4	67.4	101.0#
65	142.3	41.0	61.4#

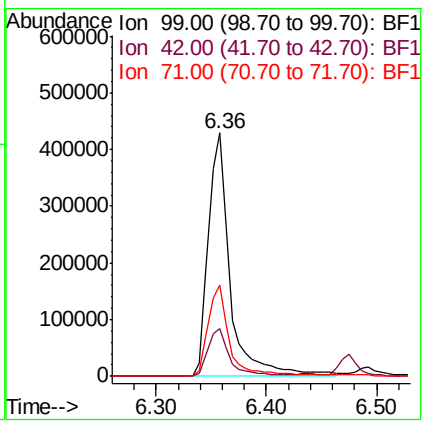




#7
Phenol-d6
Concen: 88.590 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion: 99 Resp: 582076

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.8	23.6
71	37.4	28.0	42.0



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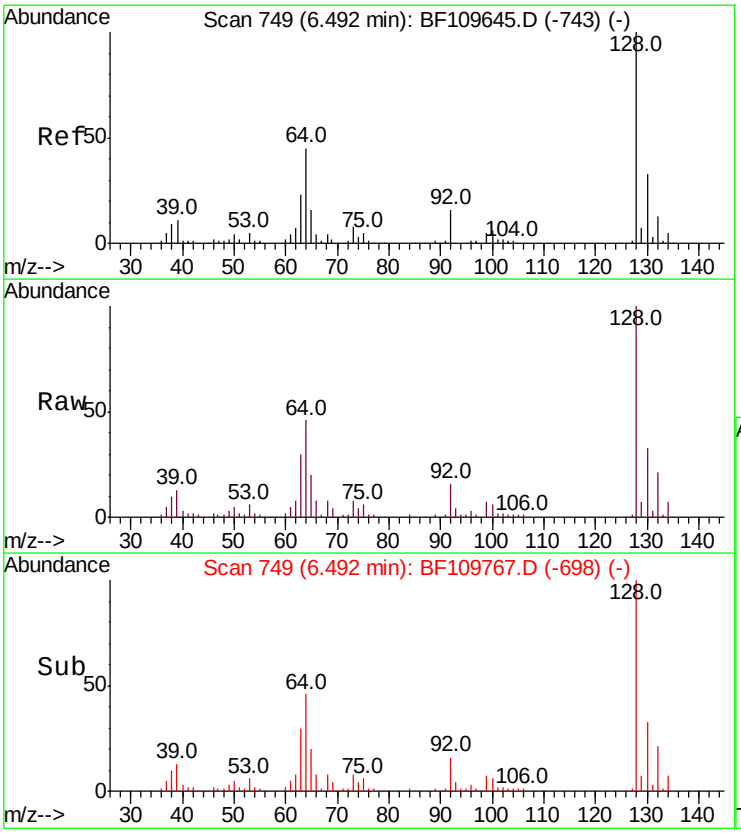
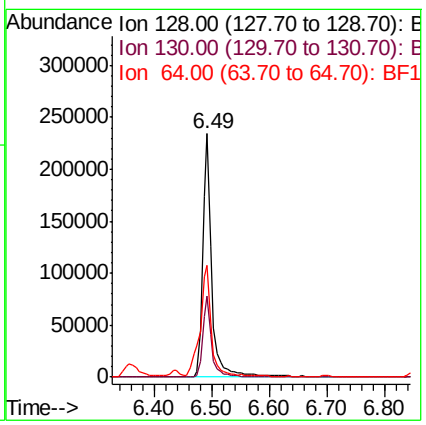
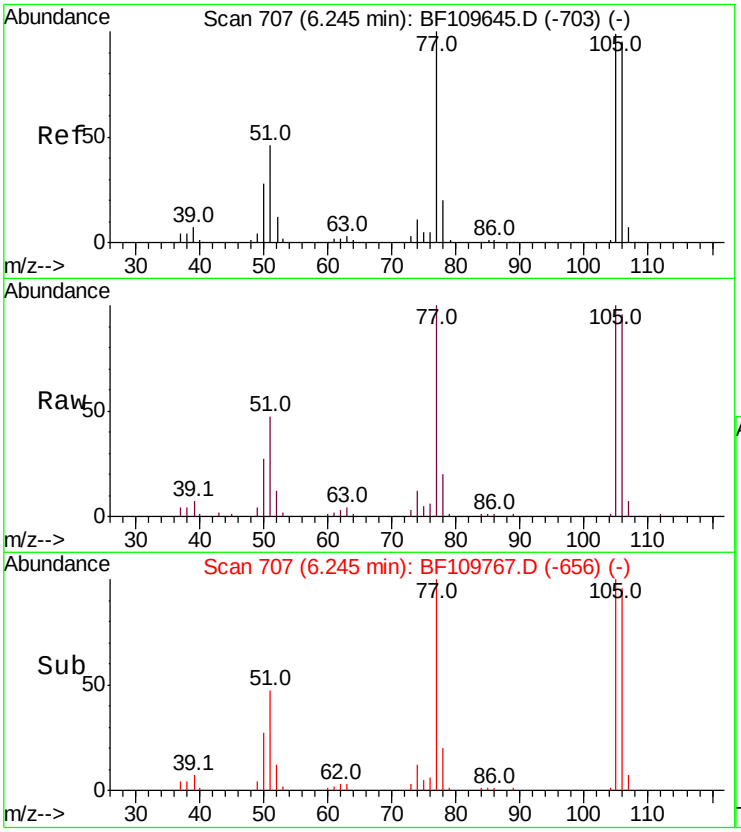


#8
2-Chlorophenol
Concen: 43.317 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:128 Resp: 262019

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.1	53.1
64	45.9	26.0	66.0

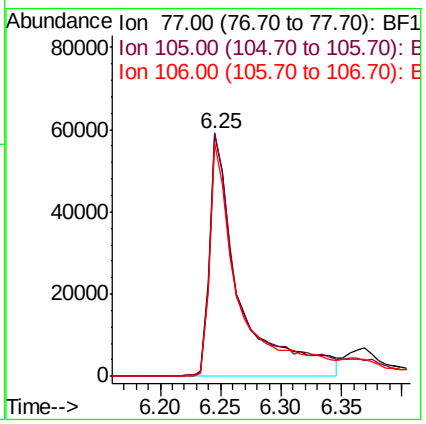




#9
Benzaldehyde
Concen: 23.936 ng
RT: 6.25 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion: 77 Resp: 101202

Ion	Ratio	Lower	Upper
77	100		
105	100.4	78.6	118.6
106	96.0	74.8	114.8



Instrument :
BNA_F
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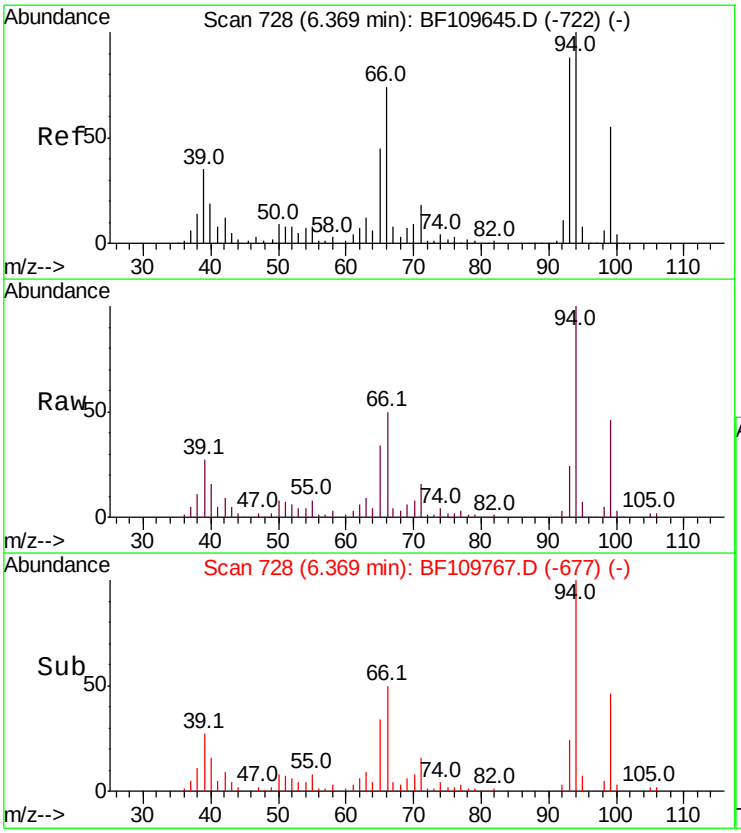
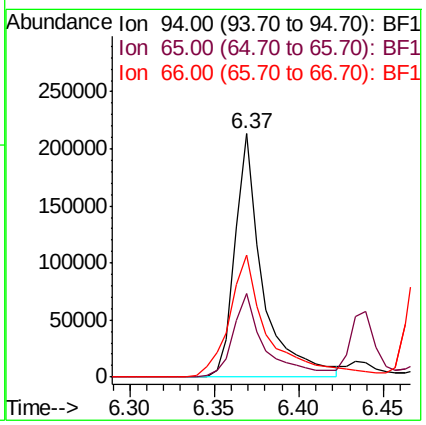
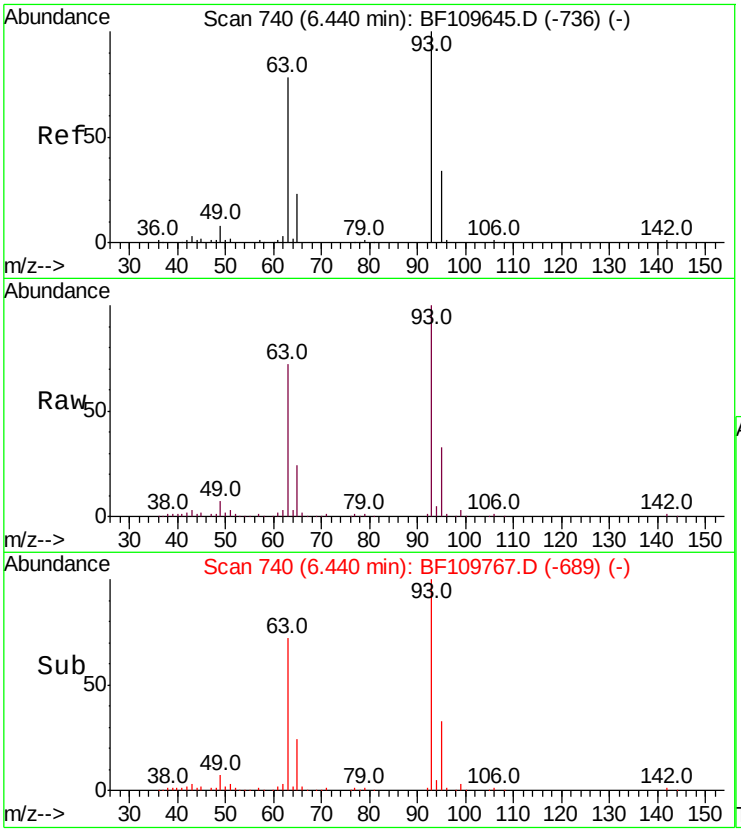


#10
Phenol
Concen: 32.180 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion: 94 Resp: 242451

Ion	Ratio	Lower	Upper
94	100		
65	34.3	25.3	65.3
66	50.2	54.5	94.5#

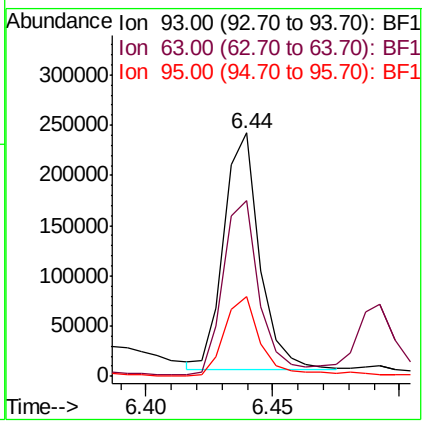




#11
bis(2-Chloroethyl)ether
Concen: 37.074 ng m
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion: 93 Resp: 231570

Ion	Ratio	Lower	Upper
93	100		
63	72.2	53.4	93.4
95	32.6	12.1	52.1



Instrument :
BNA_F
ClientSampleId :
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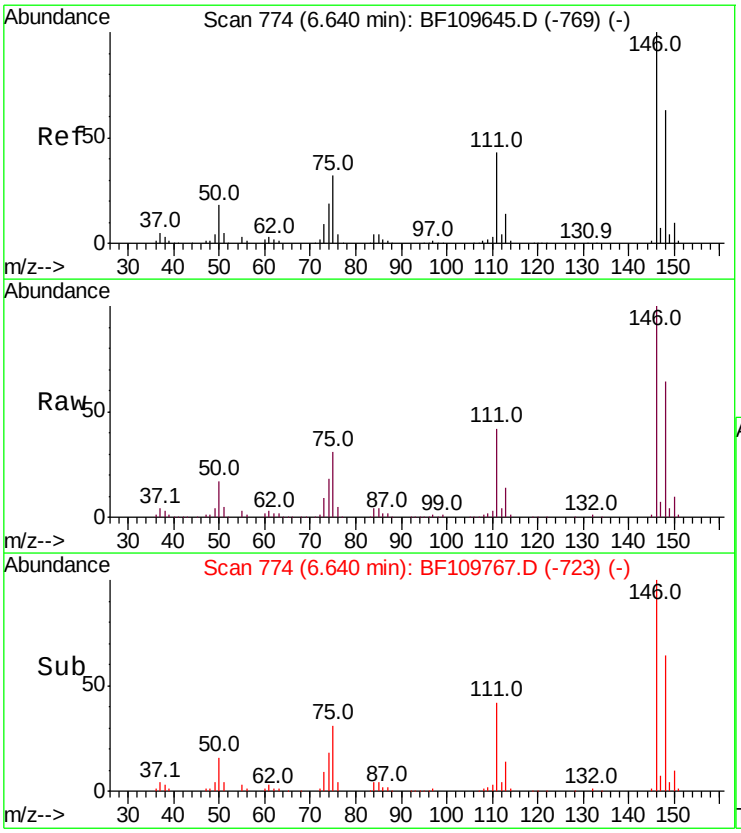
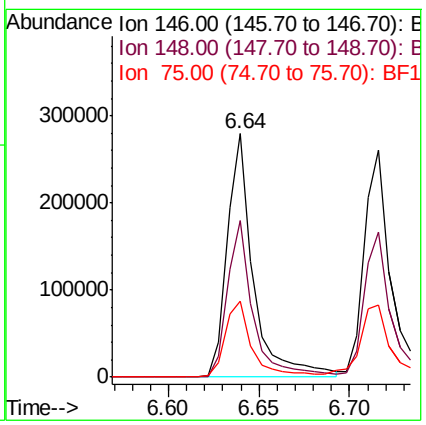
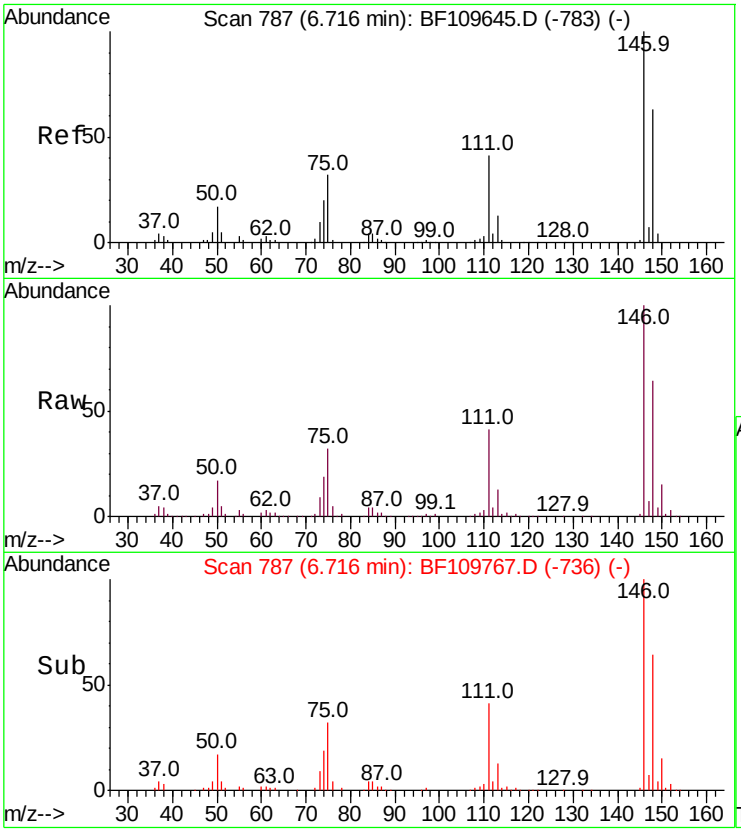


#12
1,3-Dichlorobenzene
Concen: 40.476 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:146 Resp: 280031

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
75	31.5	25.8	38.6

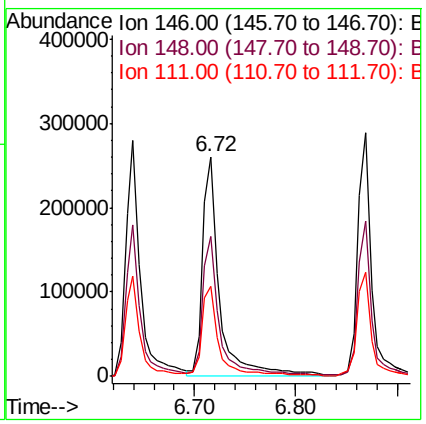




#13
1,4-Dichlorobenzene
Concen: 40.181 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:146 Resp: 303028

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.3	75.5
111	41.3	32.7	49.1



Instrument :
BNA_F
ClientSampleId :
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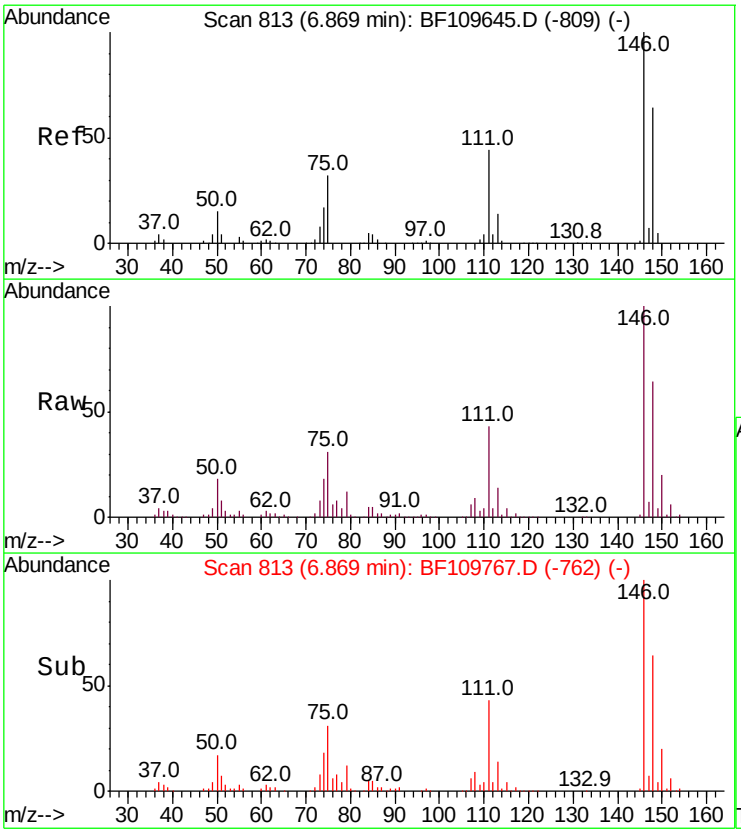
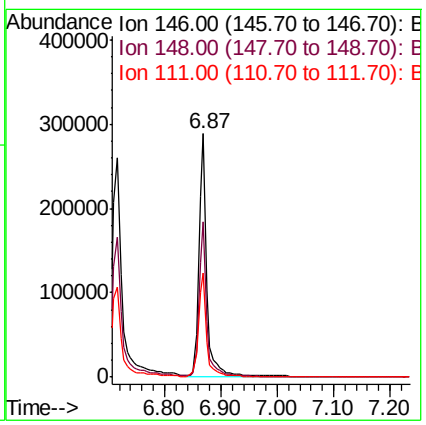
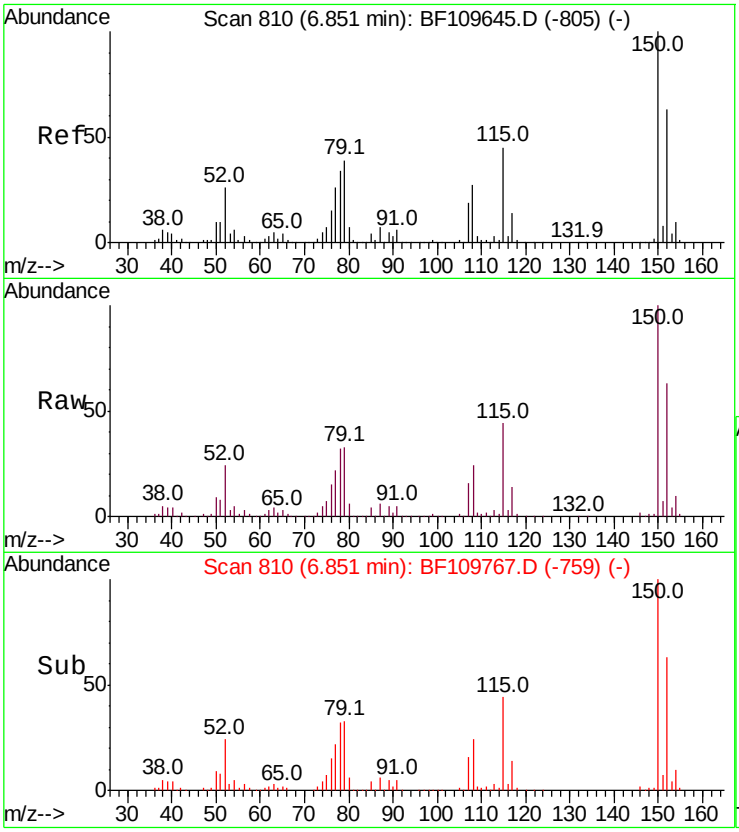


#14
1,2-Dichlorobenzene
Concen: 42.560 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:146 Resp: 281881

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	42.5	35.8	53.6

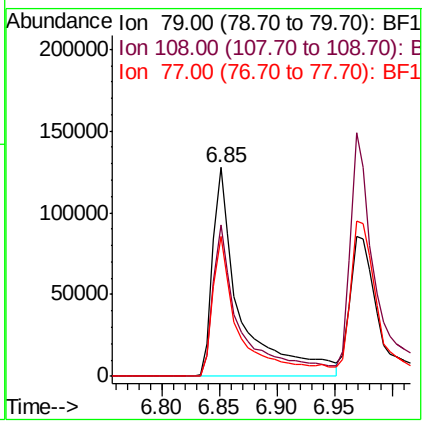




#15
Benzyl Alcohol
Concen: 43.727 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion: 79 Resp: 212996

Ion	Ratio	Lower	Upper
79	100		
108	72.3	56.3	84.5
77	67.1	52.9	79.3



Instrument :
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ClientSampleId :
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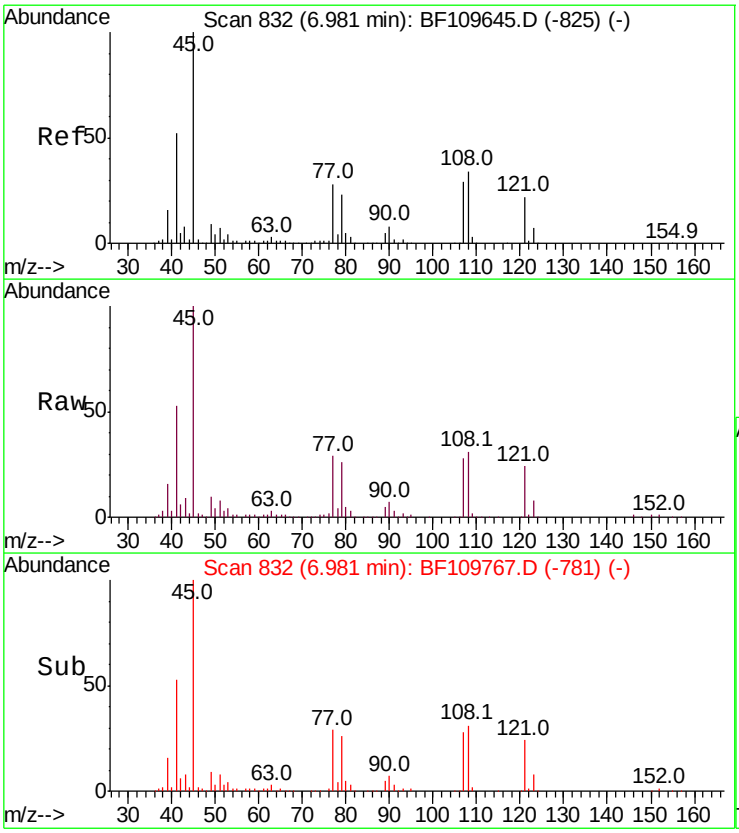
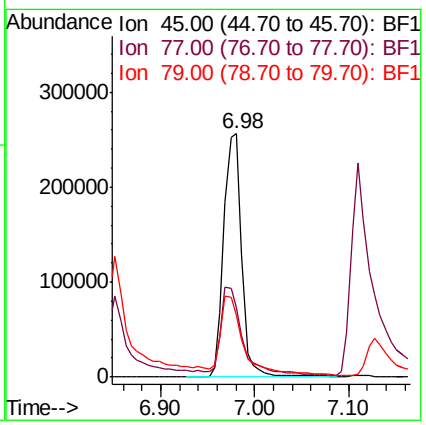
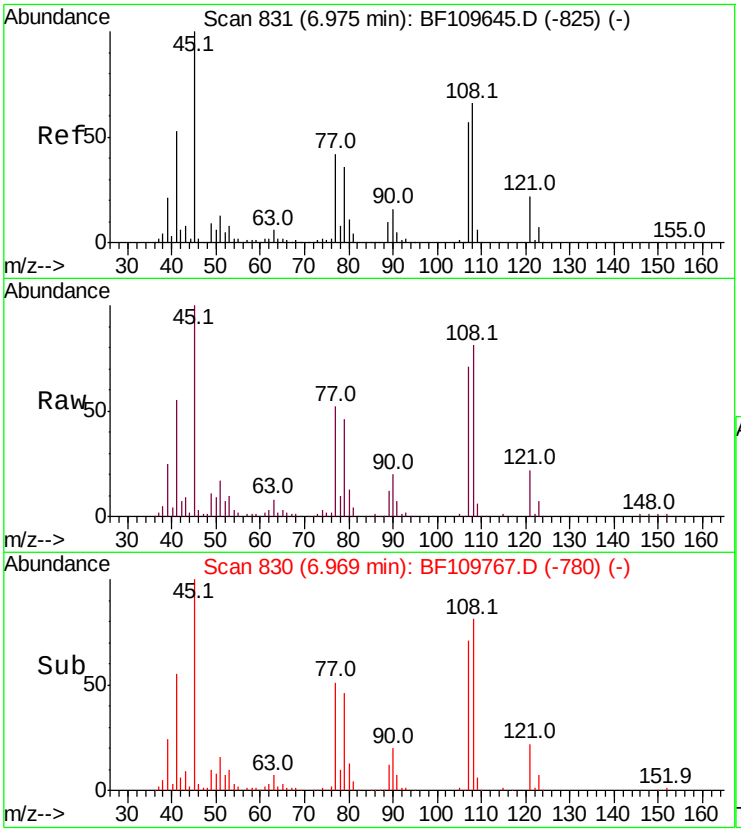


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.414 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion: 45 Resp: 343008

Ion	Ratio	Lower	Upper
45	100		
77	28.8	10.0	50.0
79	25.5	6.1	46.1

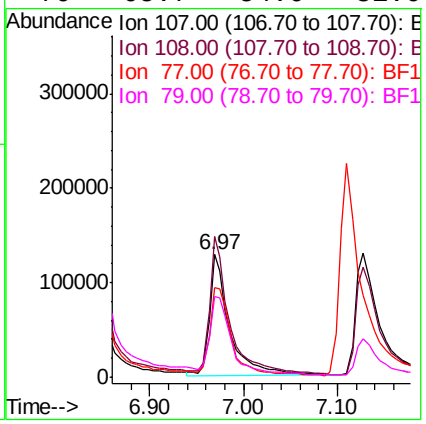




#17
2-Methylphenol
Concen: 41.002 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:107 Resp: 196133

Ion	Ratio	Lower	Upper
107	100		
108	114.5	92.6	138.8
77	73.2	59.4	89.2
79	65.7	54.0	81.0



Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

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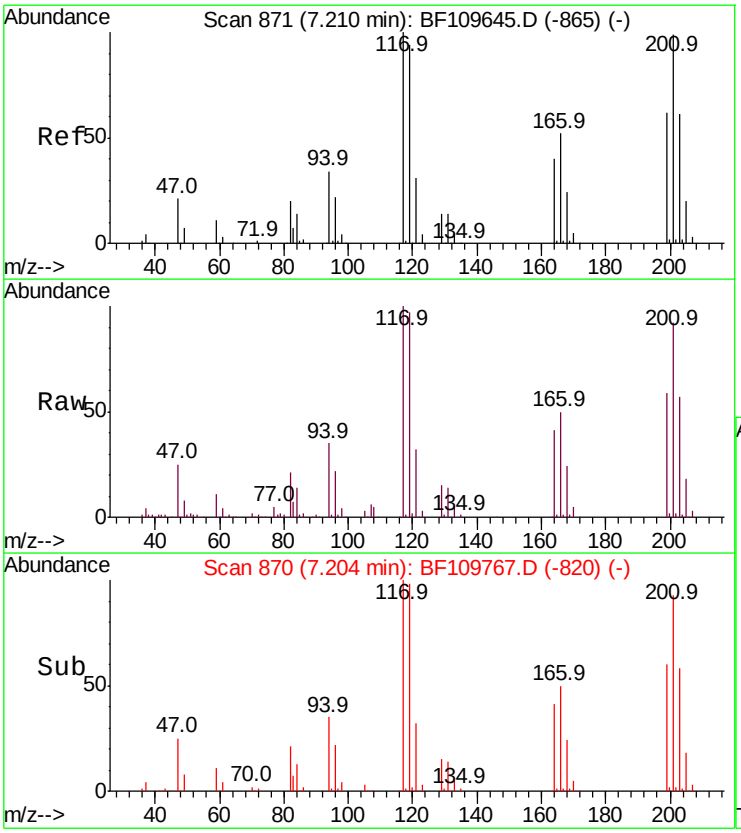
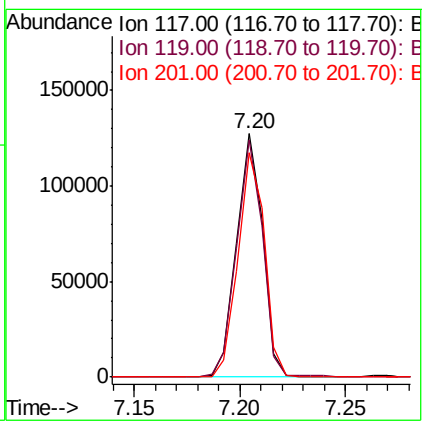
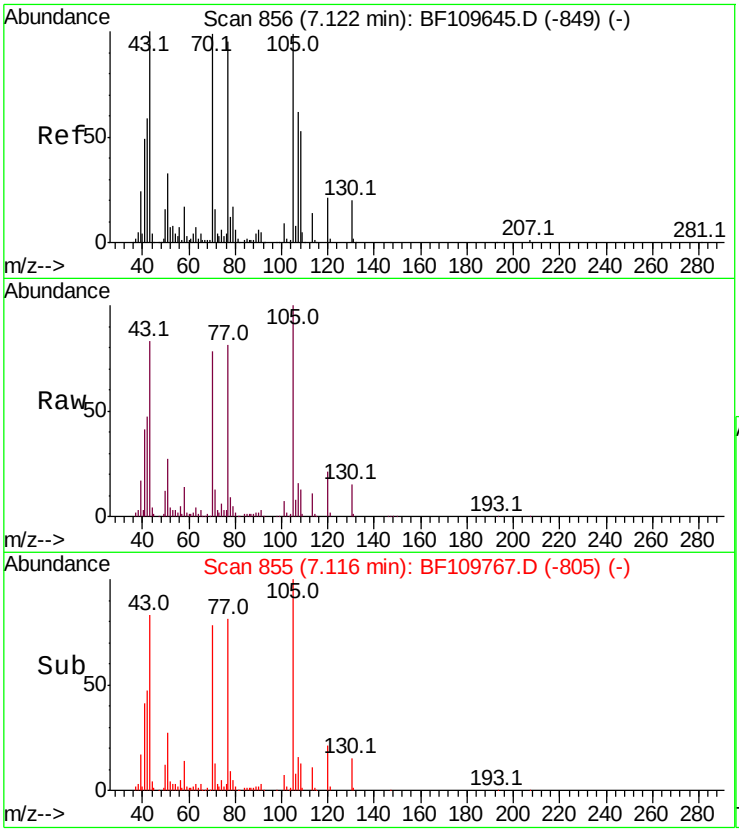


#18
Hexachloroethane
Concen: 40.735 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:117 Resp: 108588

Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.0	112.6
201	92.1	79.2	118.8

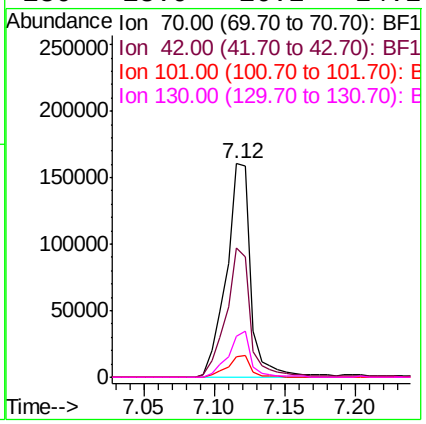




#19
n-Nitroso-di-n-propylamine
Concen: 42.389 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion: 70 Resp: 195313

Ion	Ratio	Lower	Upper
70	100		
42	60.5	47.4	71.2
101	9.4	7.3	10.9
130	18.9	16.2	24.2



Instrument :
BNA_F
ClientSampleId :
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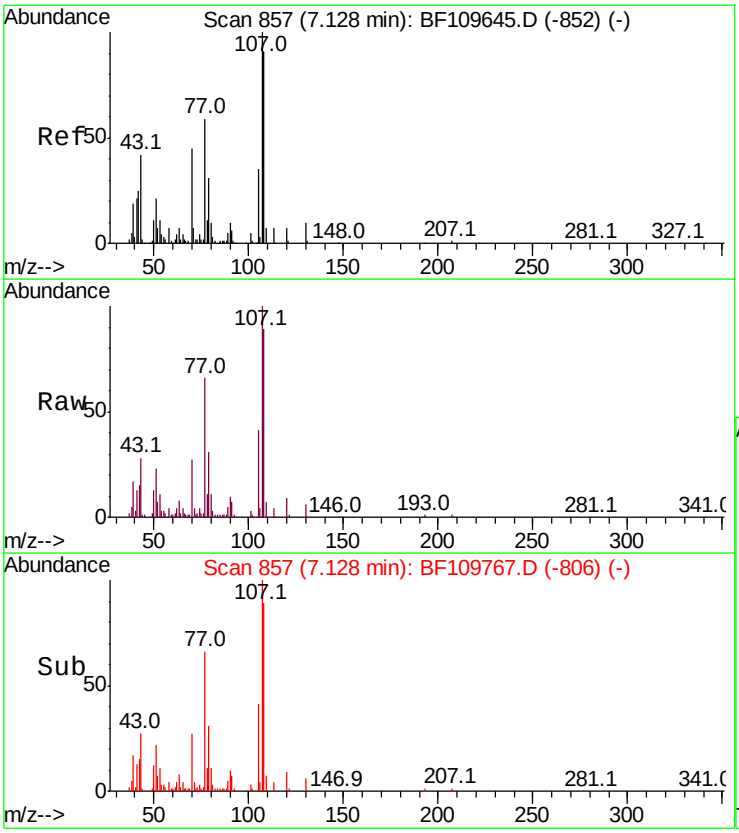
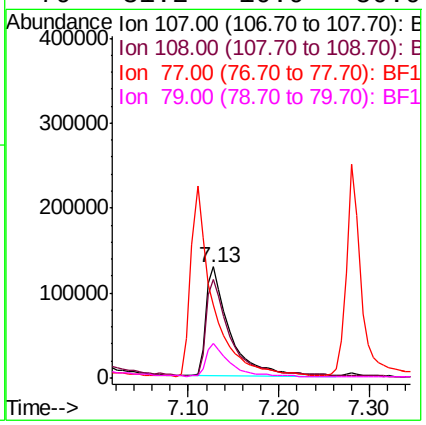
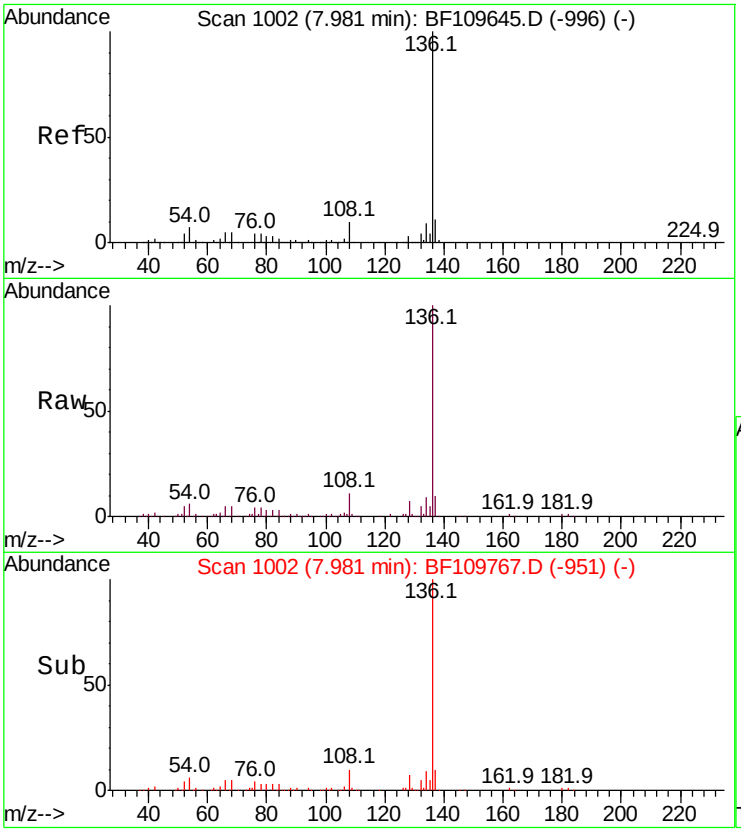


#20
3+4-Methylphenols
Concen: 40.028 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:107 Resp: 235939

Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.4	111.4
77	66.2	47.3	87.3
79	31.2	10.9	50.9

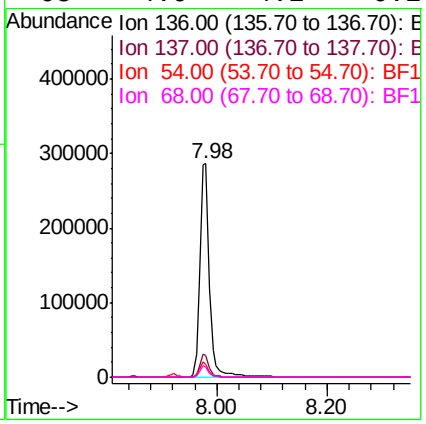




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:136 Resp: 340626

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	6.3	5.4	8.2
68	4.9	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

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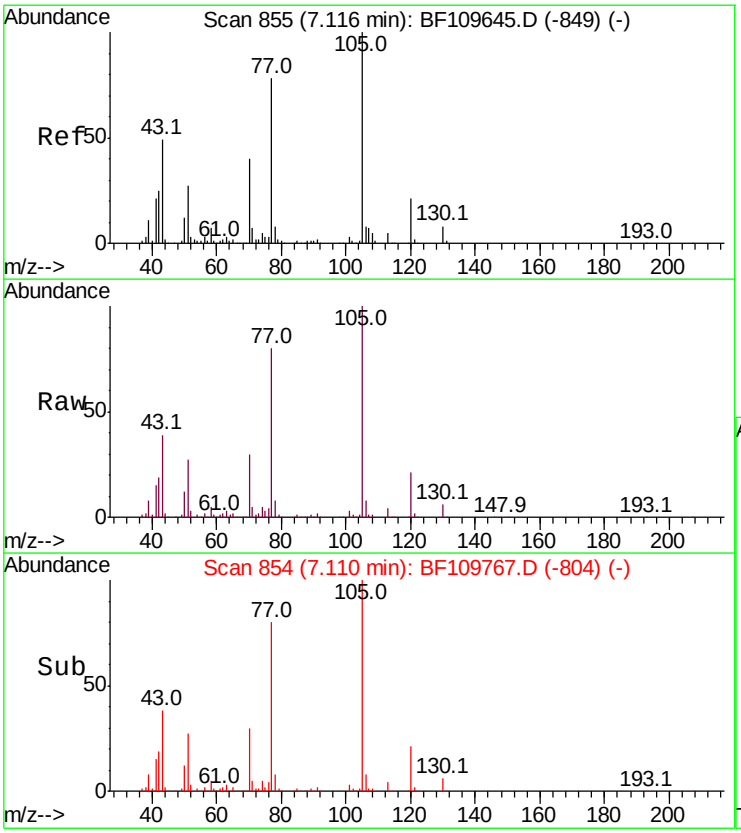
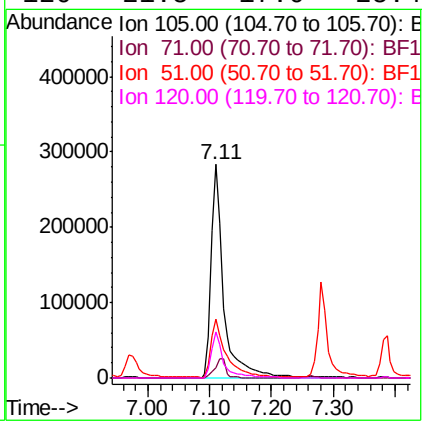
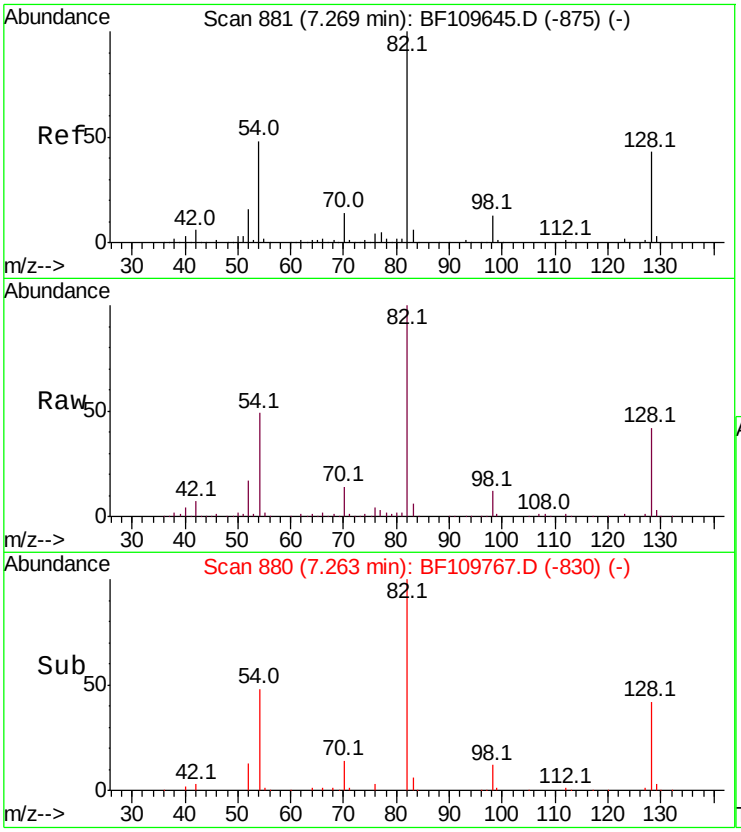


#22
Acetophenone
Concen: 47.824 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:105 Resp: 393927

Ion	Ratio	Lower	Upper
105	100		
71	5.0	5.2	7.8#
51	27.4	21.8	32.8
120	21.5	17.0	25.4

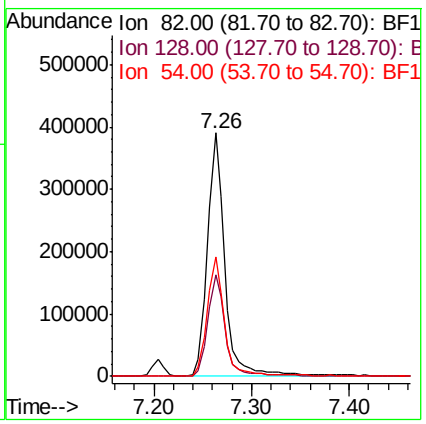




#23
Nitrobenzene-d5
Concen: 78.516 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion: 82 Resp: 485178

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.2	51.2
54	49.0	38.6	58.0



Instrument :
BNA_F
ClientSampleId :
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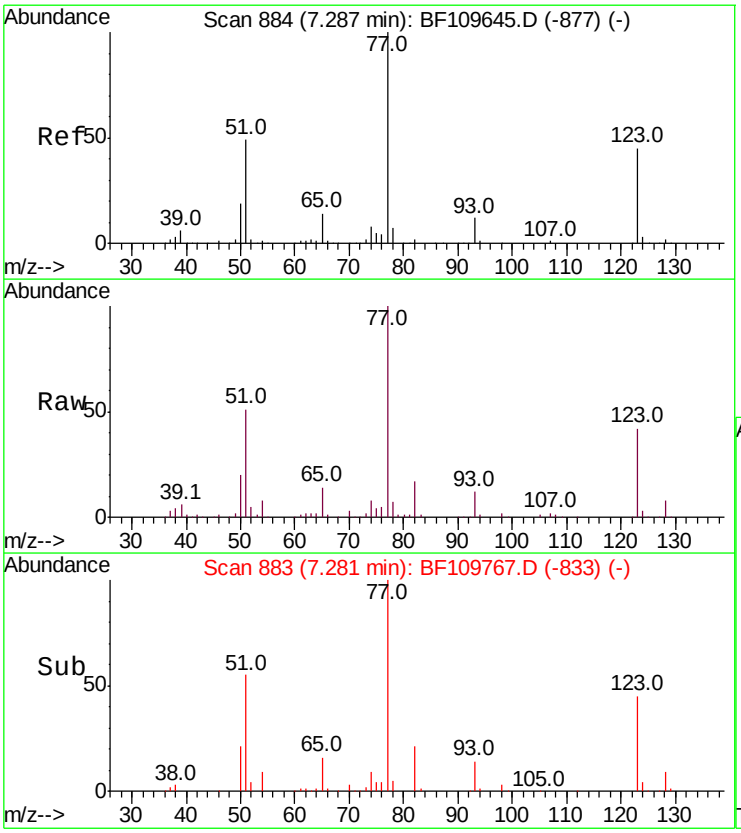
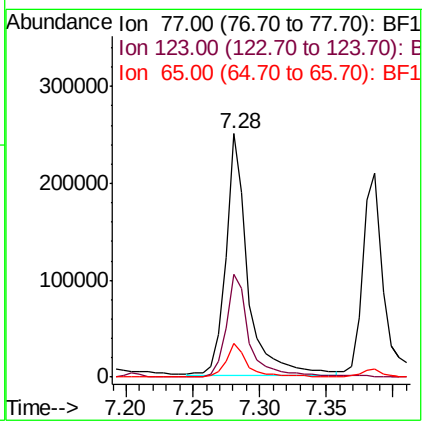
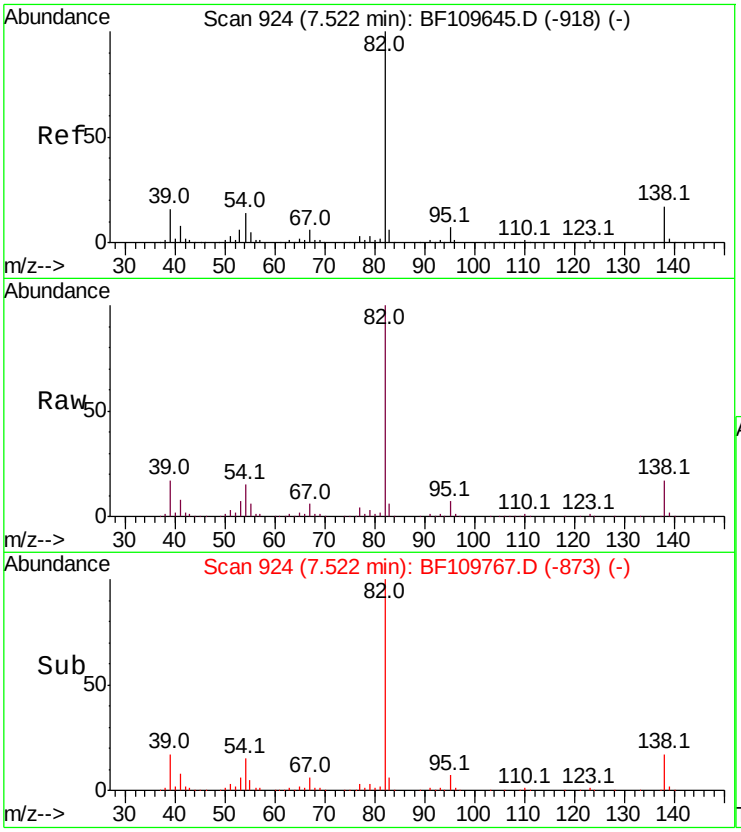


#24
Nitrobenzene
Concen: 44.787 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion: 77 Resp: 287977

Ion	Ratio	Lower	Upper
77	100		
123	42.4	35.7	53.5
65	14.1	10.7	16.1

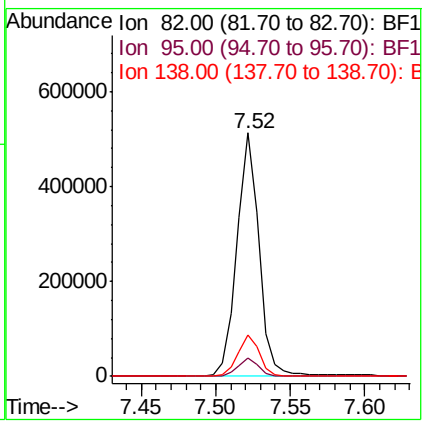




#25
Isophorone
Concen: 51.528 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion: 82 Resp: 528734

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.7	8.5
138	16.9	13.2	19.8



Instrument :
BNA_F
ClientSampleId :
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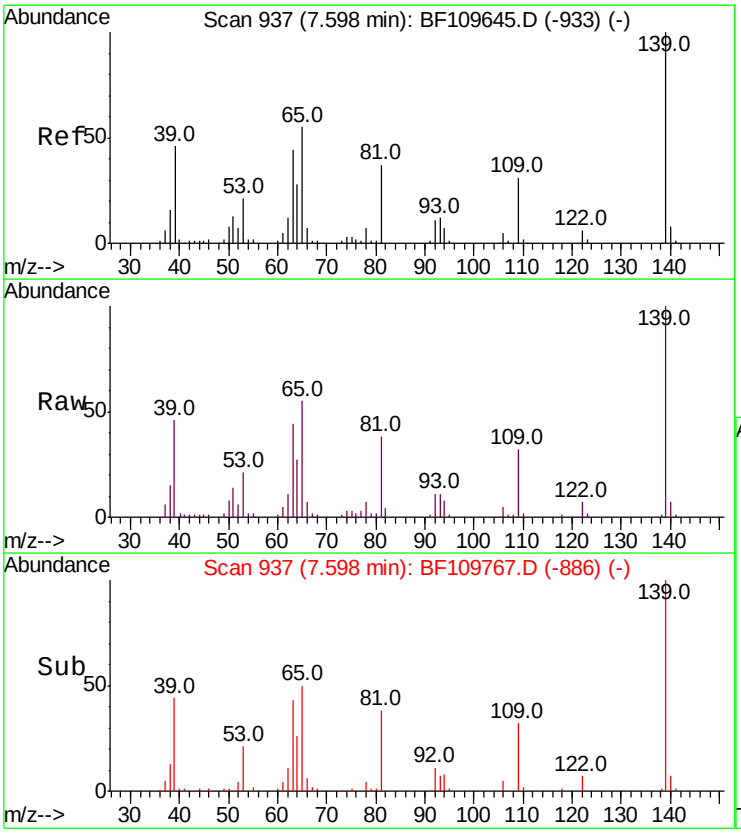
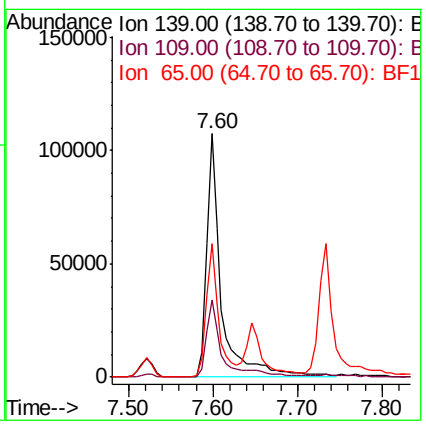
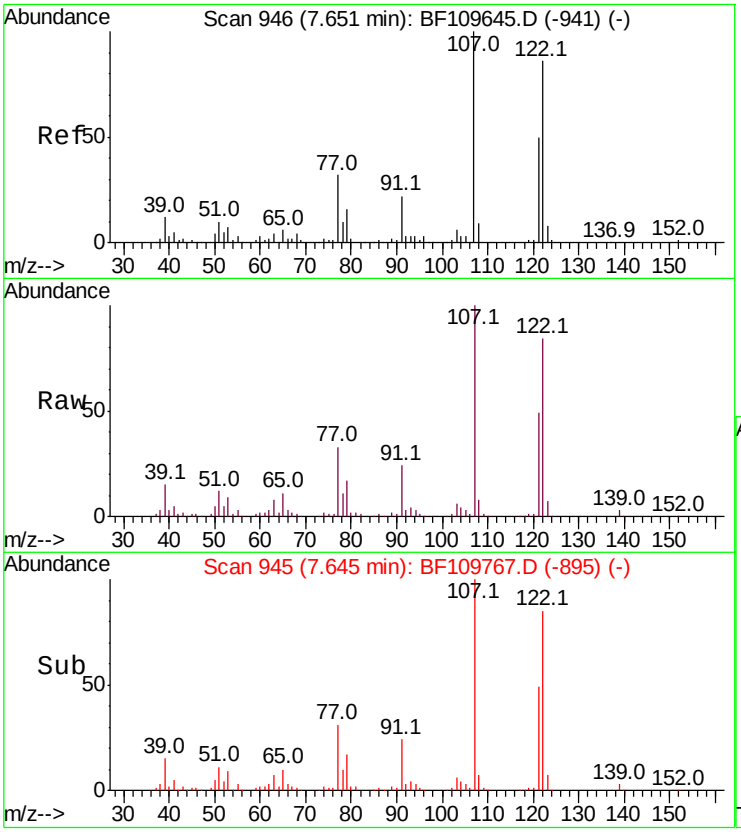


#26
2-Nitrophenol
Concen: 43.815 ng
RT: 7.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:139 Resp: 131779

Ion	Ratio	Lower	Upper
139	100		
109	31.9	25.0	37.6
65	54.8	44.0	66.0

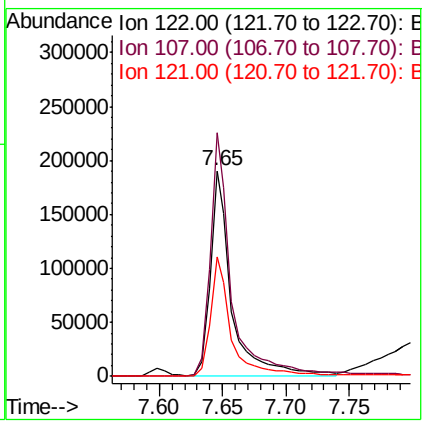




#27
2,4-Dimethylphenol
Concen: 51.023 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:122 Resp: 221600

Ion	Ratio	Lower	Upper
122	100		
107	118.5	92.5	138.7
121	57.9	45.8	68.8



Instrument :
BNA_F
ClientSampleId :
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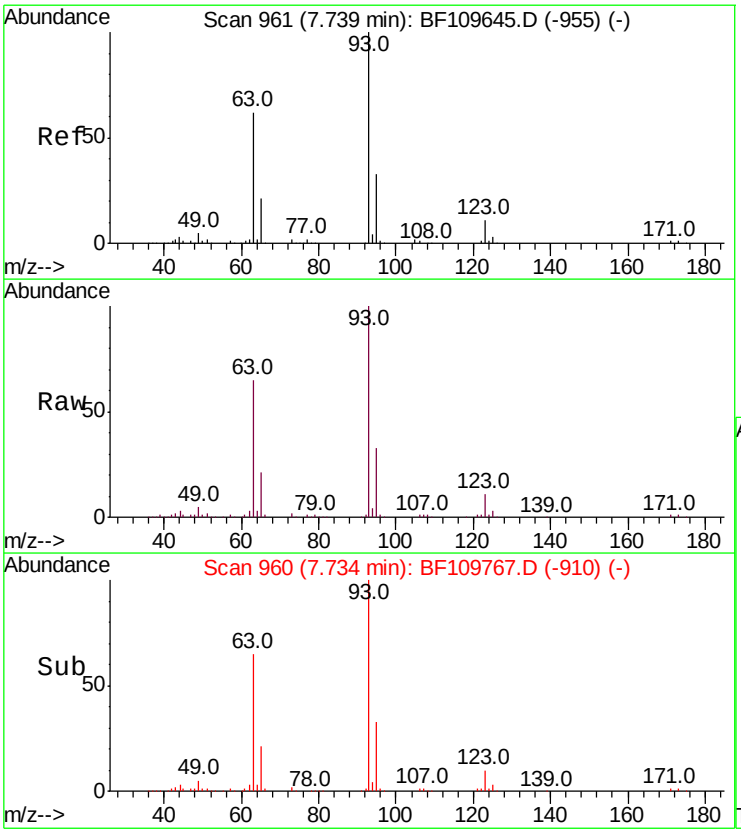
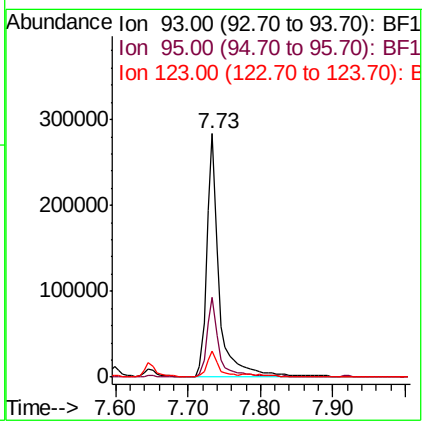
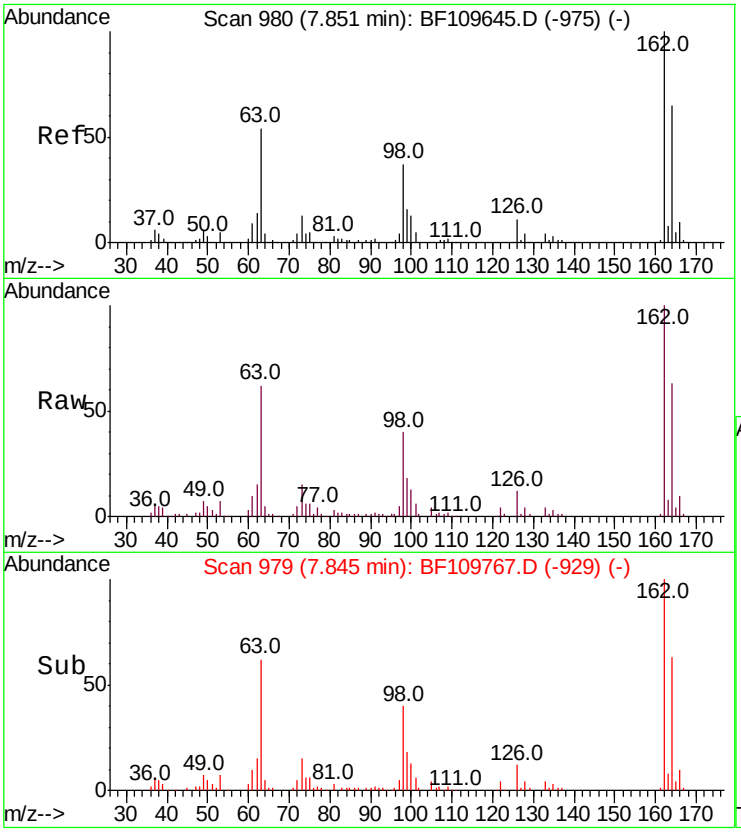


#28
bis(2-Chloroethoxy)methane
Concen: 47.307 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion: 93 Resp: 328344

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.4	39.6
123	10.6	9.0	13.6

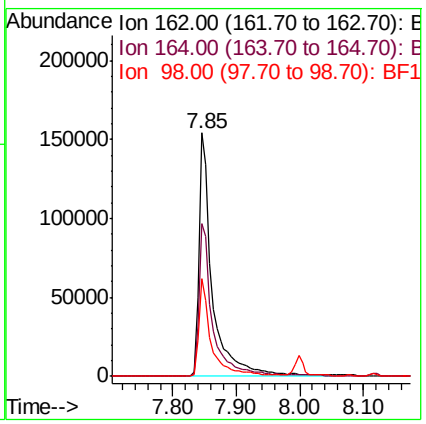




#29
2,4-Dichlorophenol
Concen: 45.889 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:162 Resp: 223551

Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.6	84.6
98	39.9	17.4	57.4



Instrument :
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ClientSampleId :
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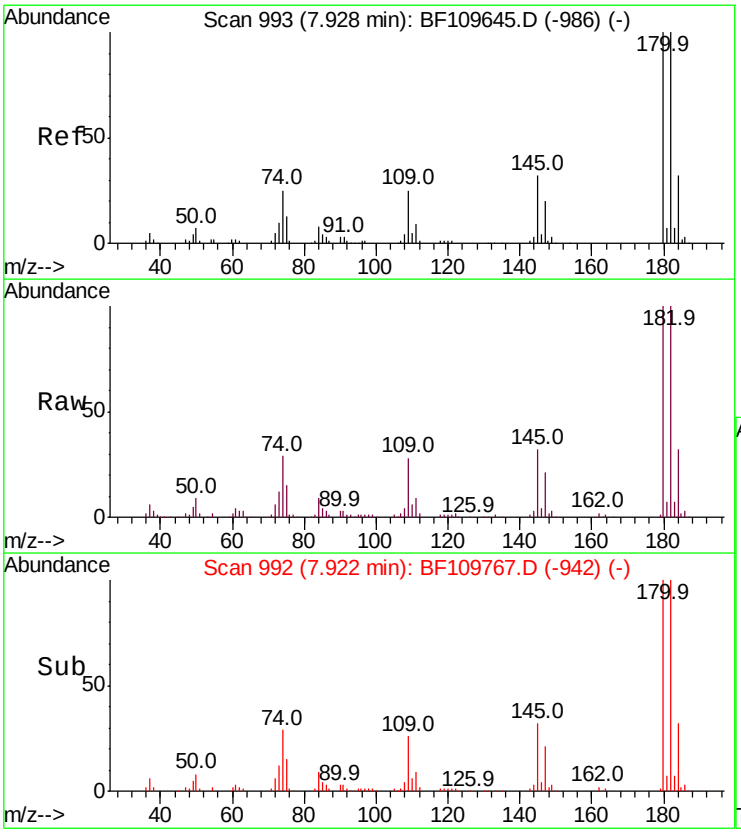
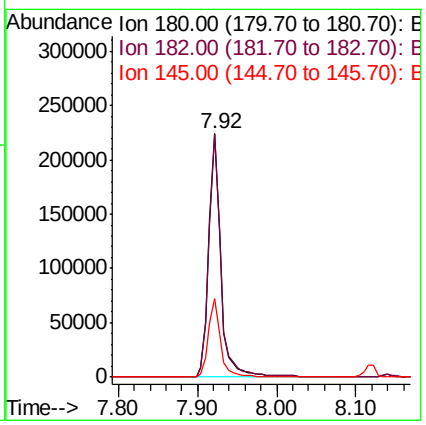
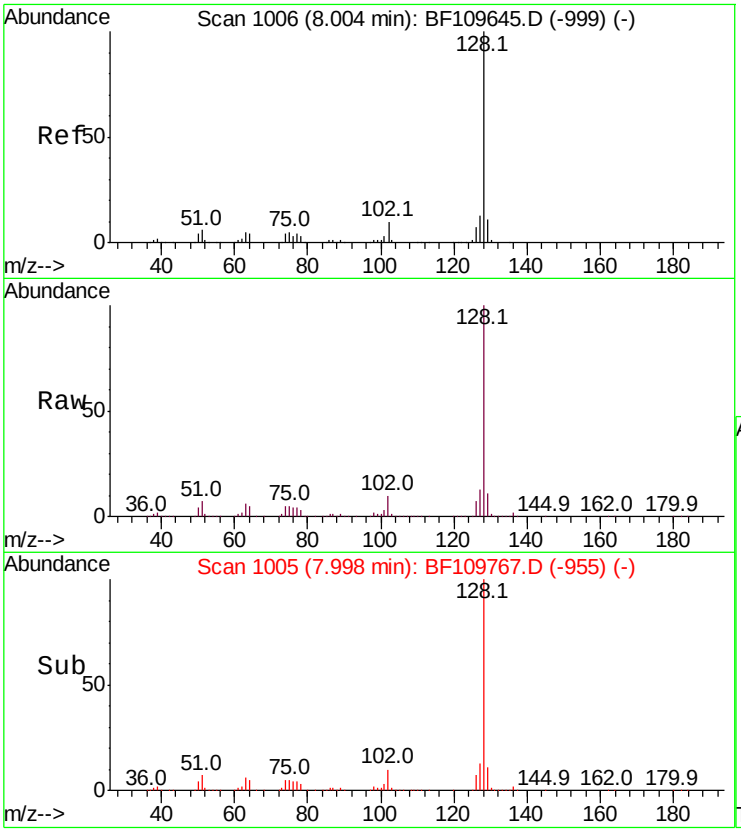


#30
1,2,4-Trichlorobenzene
Concen: 44.036 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:180 Resp: 237481

Ion	Ratio	Lower	Upper
180	100		
182	99.6	80.3	120.5
145	32.1	25.4	38.0

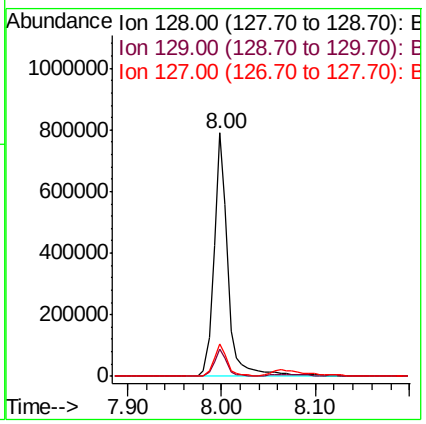




#31
Naphthalene
Concen: 52.107 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:128 Resp: 820849

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.2	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
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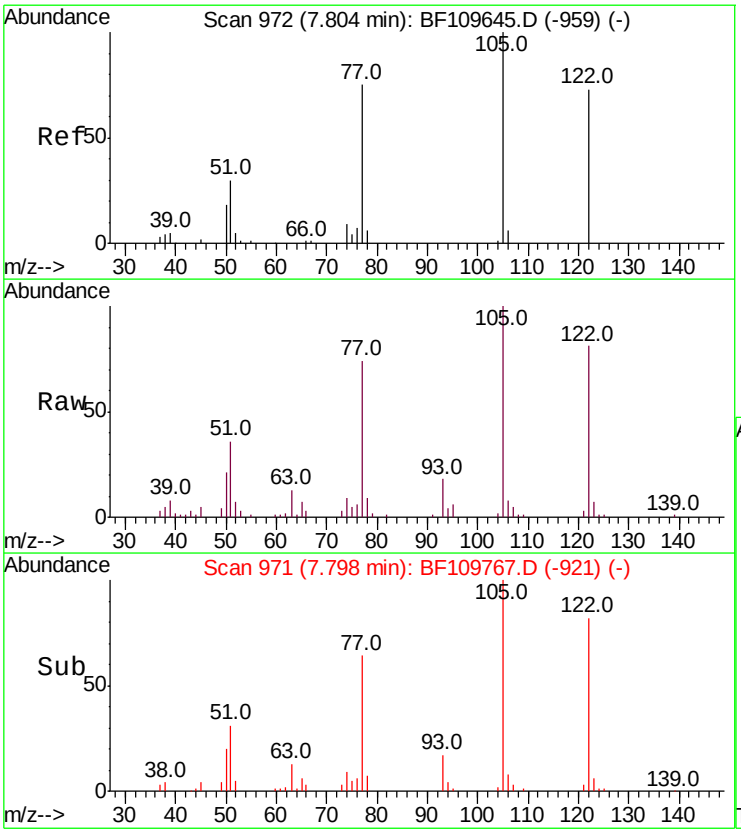
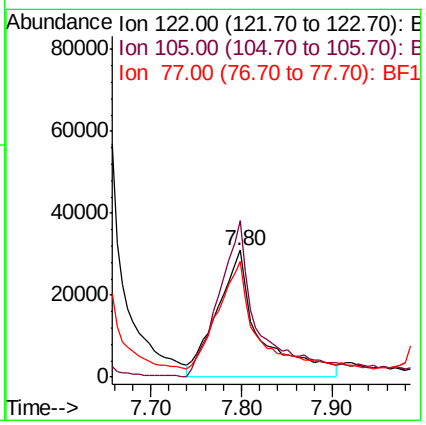
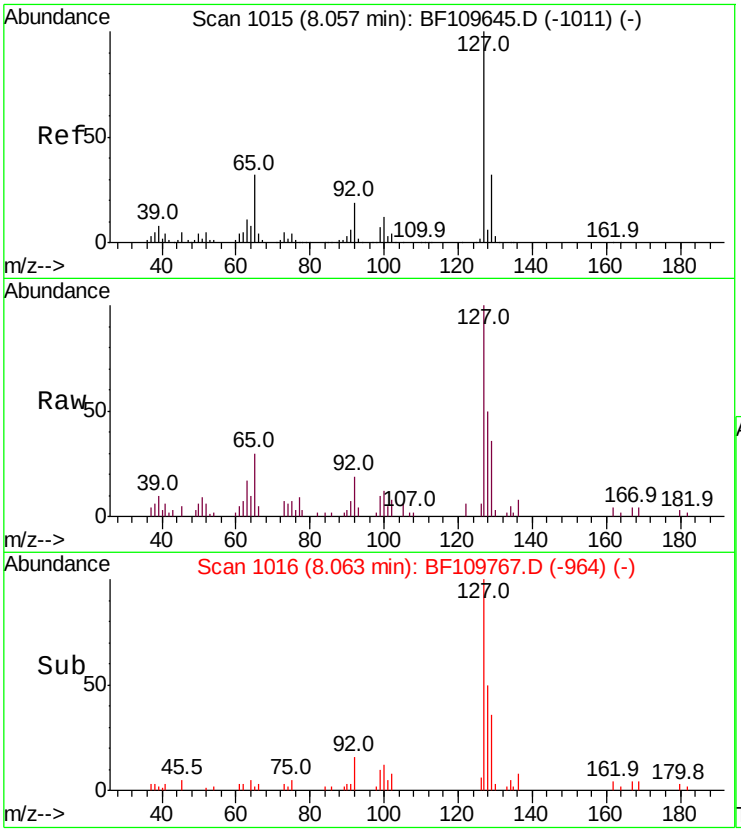


#32
Benzoic acid
Concen: 32.581 ng m
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:122 Resp: 101171

Ion	Ratio	Lower	Upper
122	100		
105	123.5	109.0	149.0
77	91.1	79.0	119.0

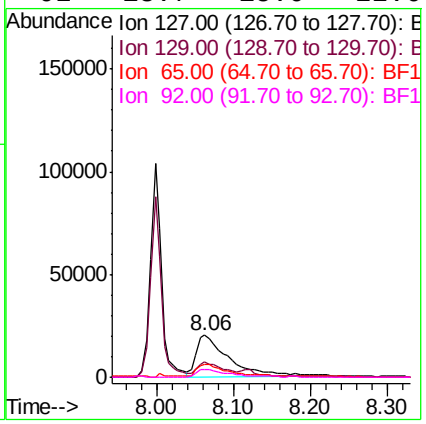




#33
4-Chloroaniline
Concen: 8.755 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:127 Resp: 60732

Ion	Ratio	Lower	Upper
127	100		
129	35.7	26.0	39.0
65	29.9	25.1	37.7
92	18.7	15.0	22.6



Instrument :
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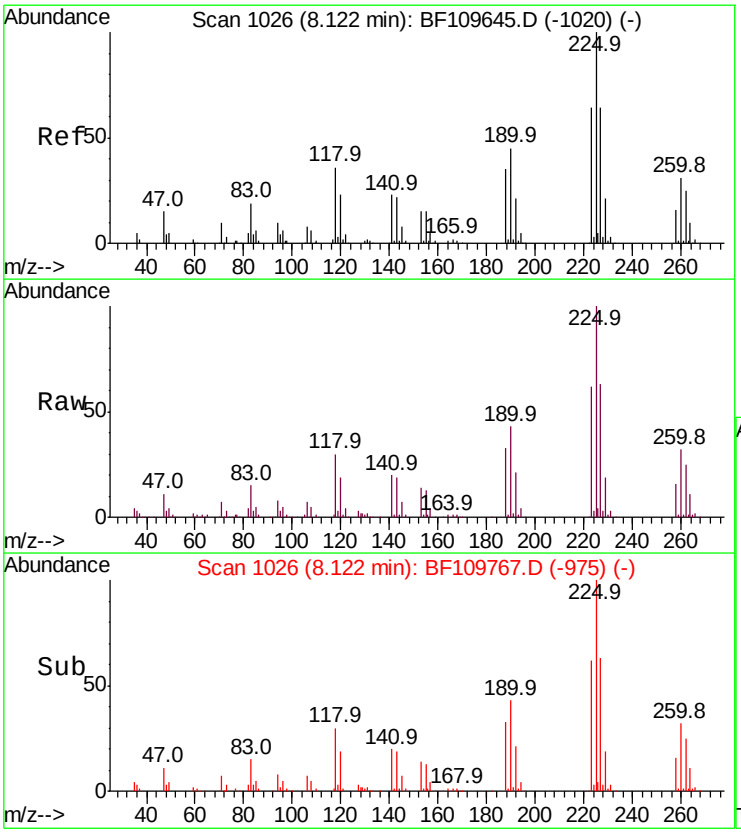
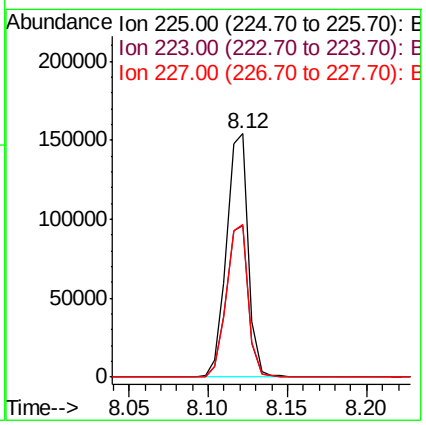
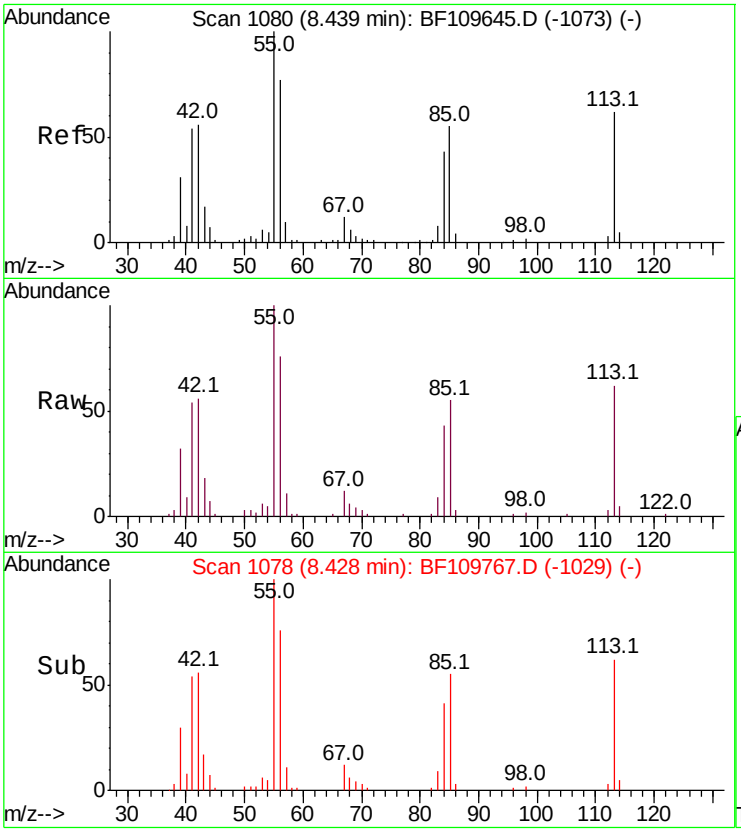


#34
Hexachlorobutadiene
Concen: 43.740 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:225 Resp: 146665

Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.4	77.2
227	62.5	51.0	76.6

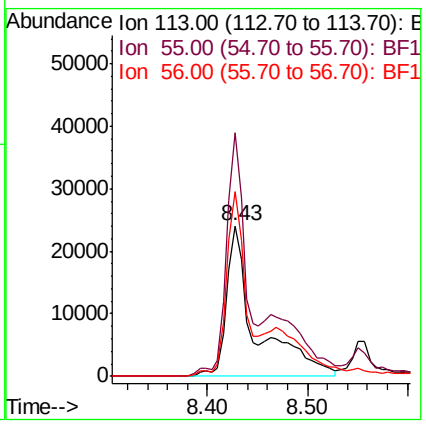




#35
Caprolactam
Concen: 33.522 ng m
RT: 8.43 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:113 Resp: 48769

Ion	Ratio	Lower	Upper
113	100		
55	161.5	142.8	182.8
56	122.4	105.0	145.0



Instrument :
BNA_F
ClientSampleId :
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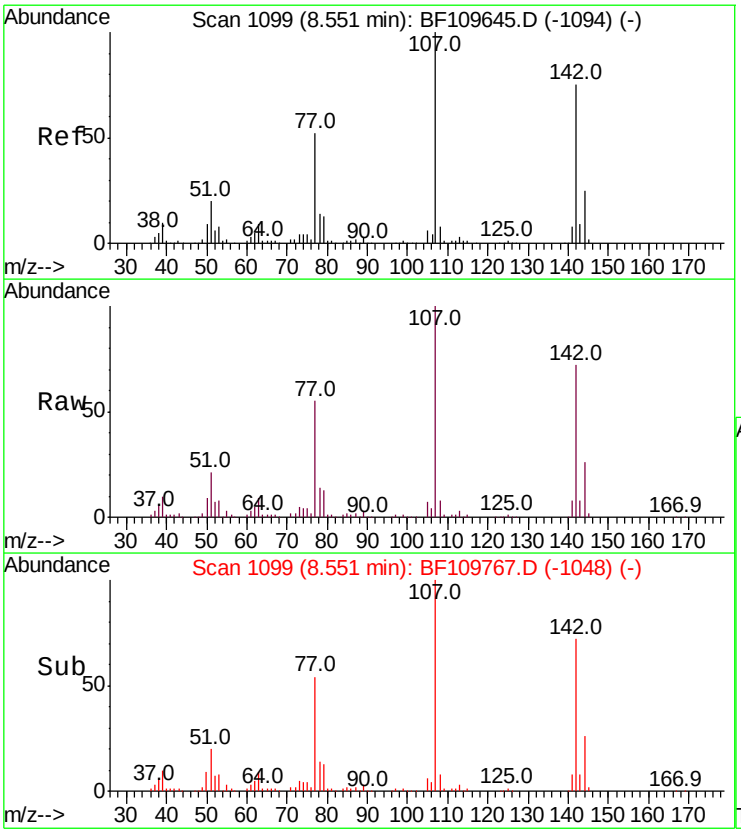
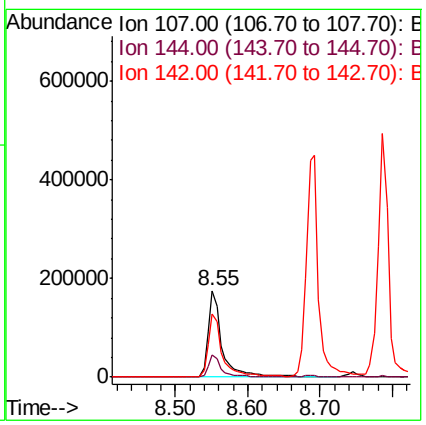
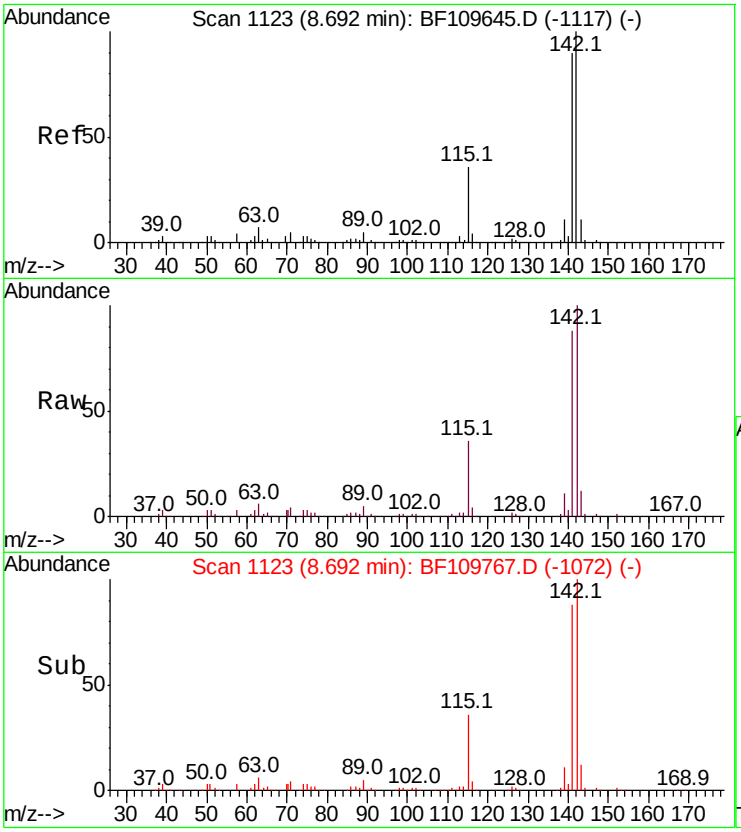


#36
4-Chloro-3-methylphenol
Concen: 45.978 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:107 Resp: 236434

Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.0	30.0
142	72.2	59.7	89.5

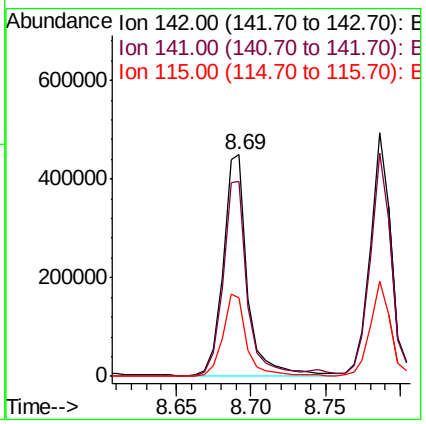




#37
2-Methylnaphthalene
Concen: 50.473 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:142 Resp: 520824

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.2
115	35.6	28.7	43.1



Instrument :
BNA_F
ClientSampleId :
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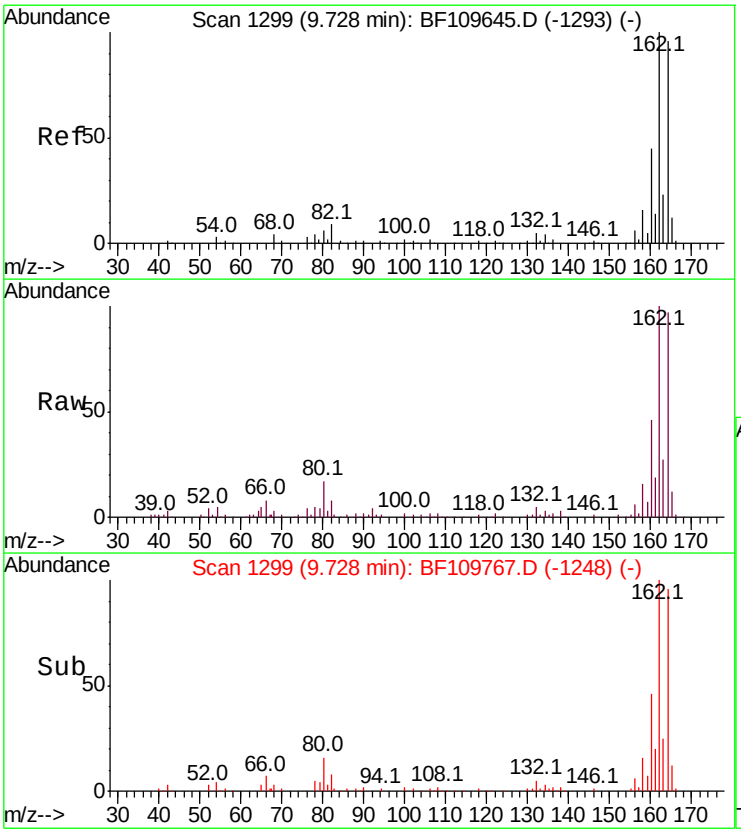
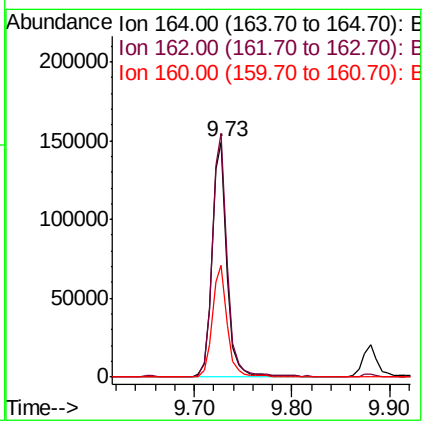
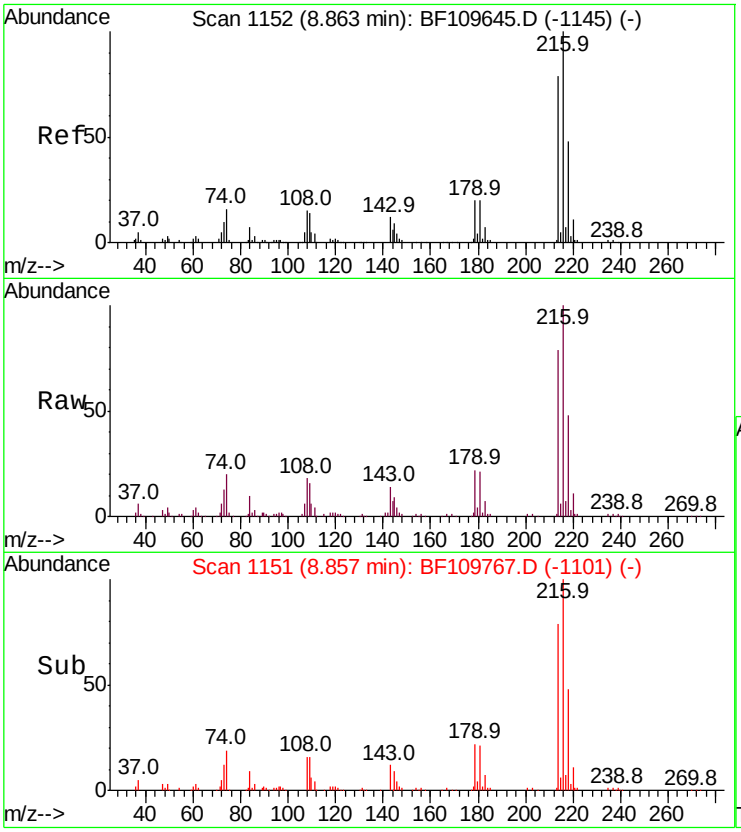


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:164 Resp: 156633

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.6
160	47.8	37.0	55.6

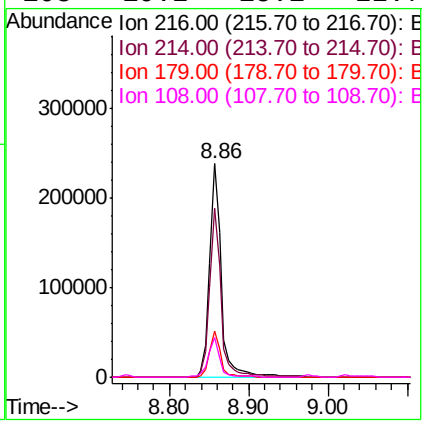




#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.821 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:216 Resp: 244311

Ion	Ratio	Lower	Upper
216	100		
214	77.6	63.8	95.6
179	21.2	16.6	25.0
108	19.2	15.1	22.7



Instrument :
BNA_F
ClientSampleId :
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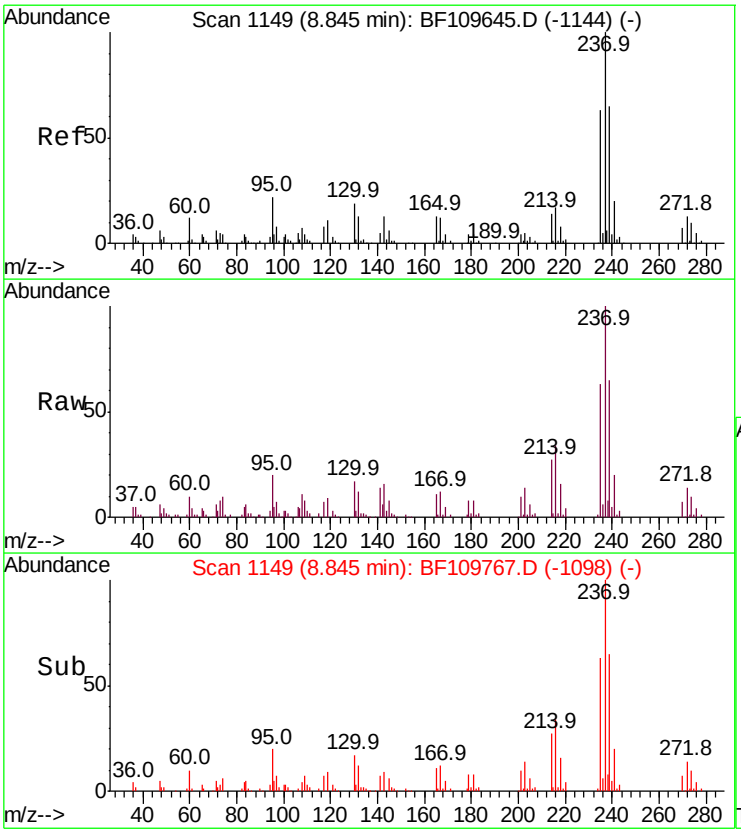
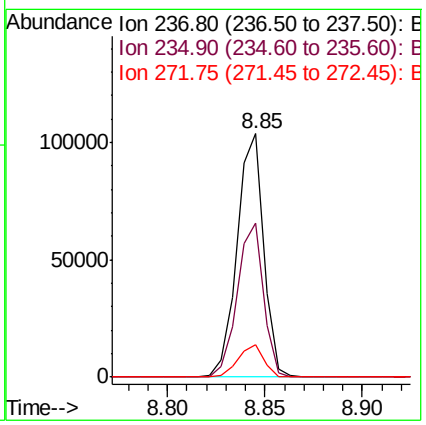
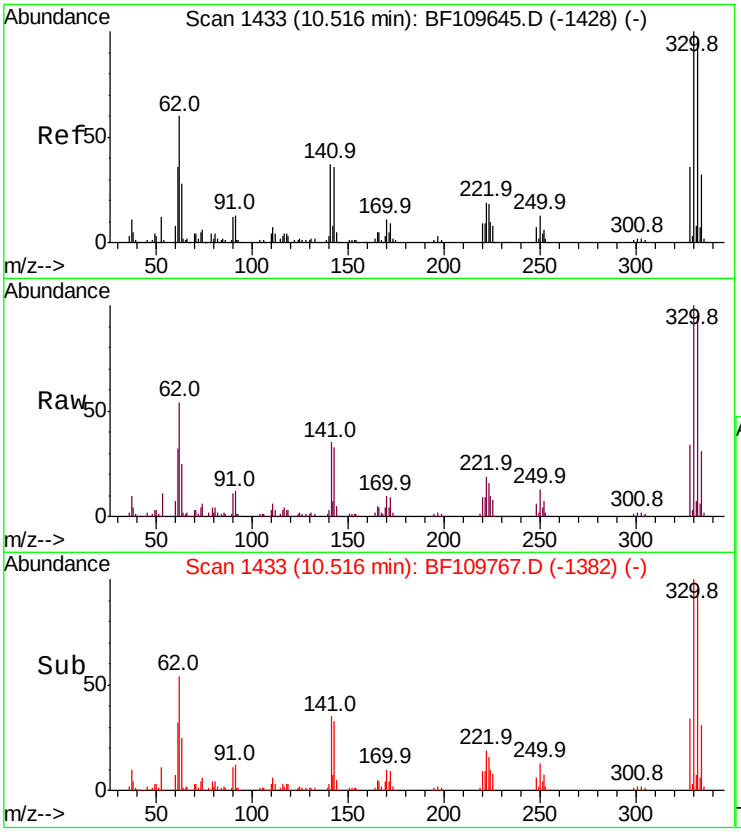


#40
Hexachlorocyclopentadiene
Concen: 45.348 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:237 Resp: 97867

Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.1	83.1
272	13.6	0.0	32.6





#41
2,4,6-Tribromophenol
Concen: 104.609 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:330 Resp: 178535

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	33.9	27.0	40.4

Instrument :
BNA_F
ClientSampleId :
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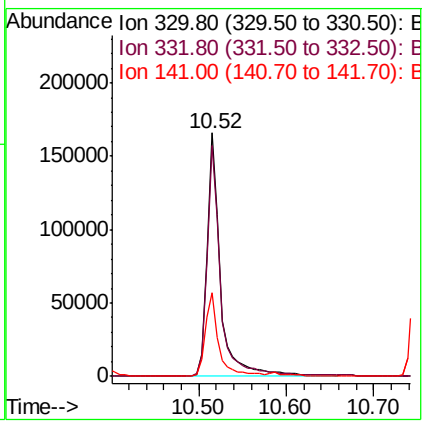
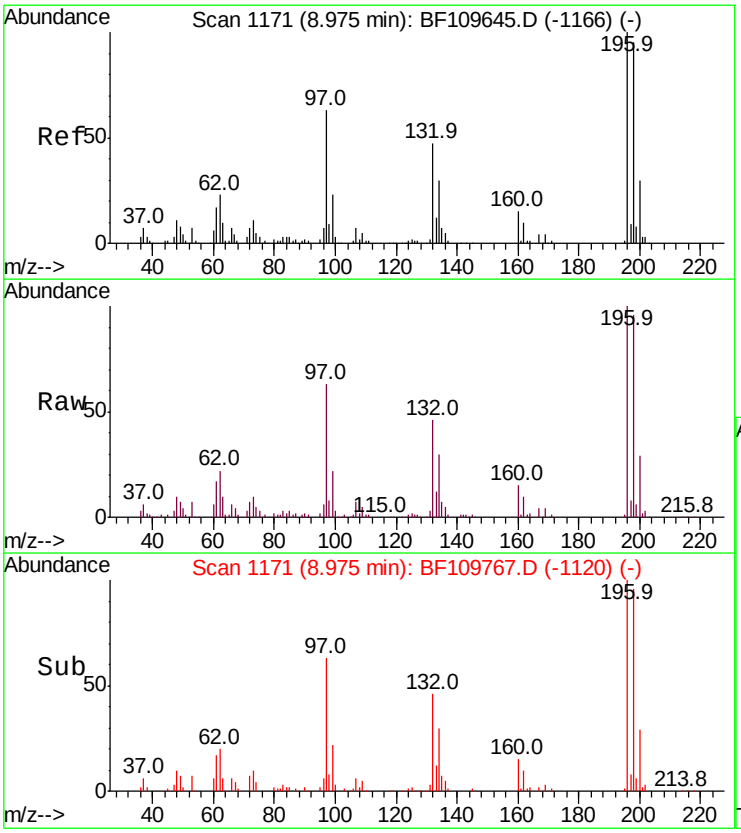
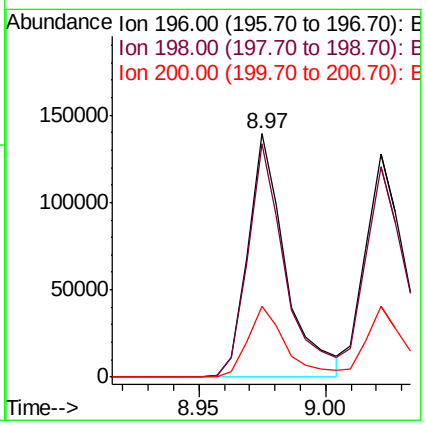


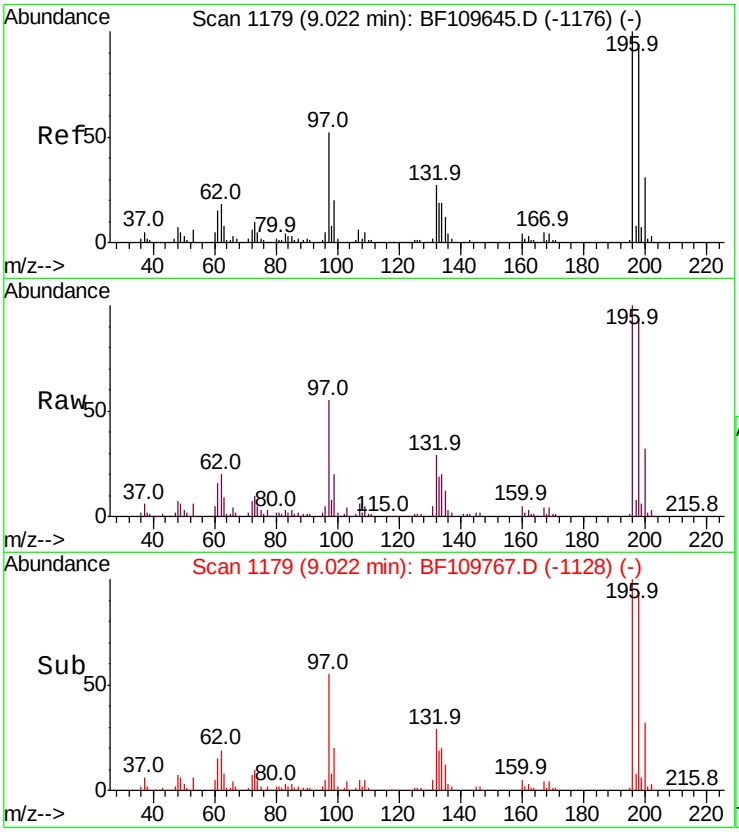


#42
2,4,6-Trichlorophenol
Concen: 45.285 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:196 Resp: 144338

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.4
200	28.9	24.4	36.6

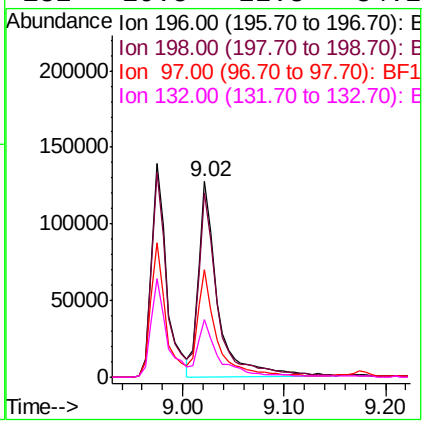




#43
2,4,5-Trichlorophenol
Concen: 45.282 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:196 Resp: 165950

Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.8	113.6
97	55.0	42.4	63.6
132	29.5	22.8	34.2



Instrument :
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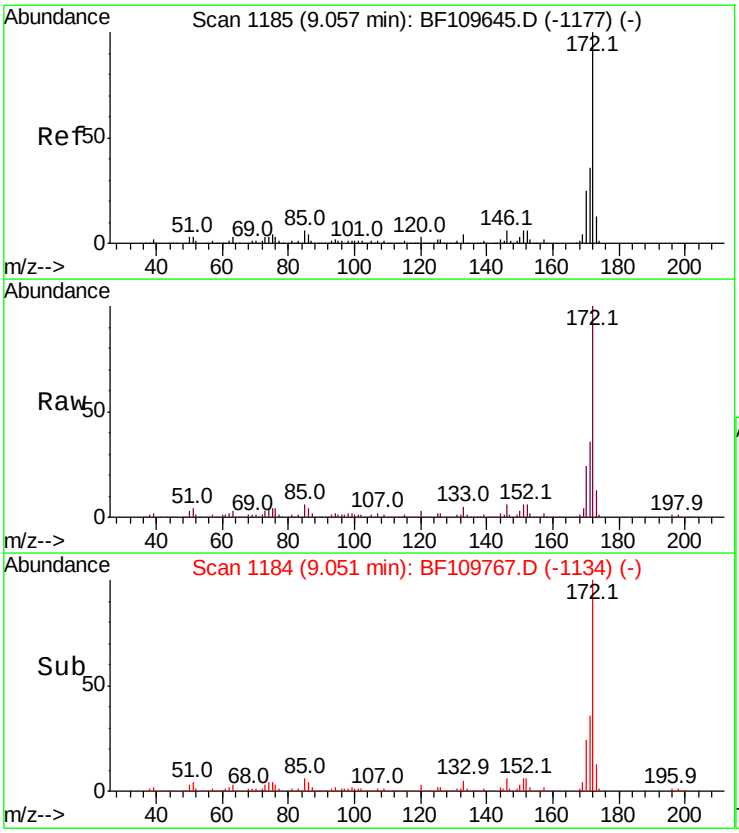
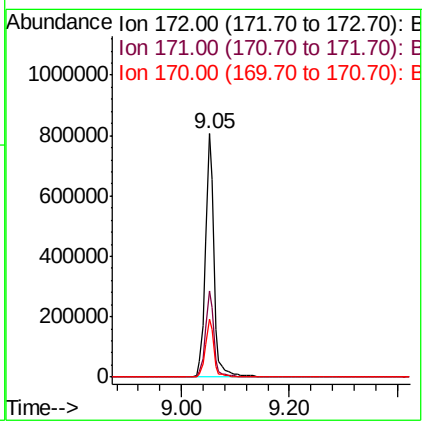
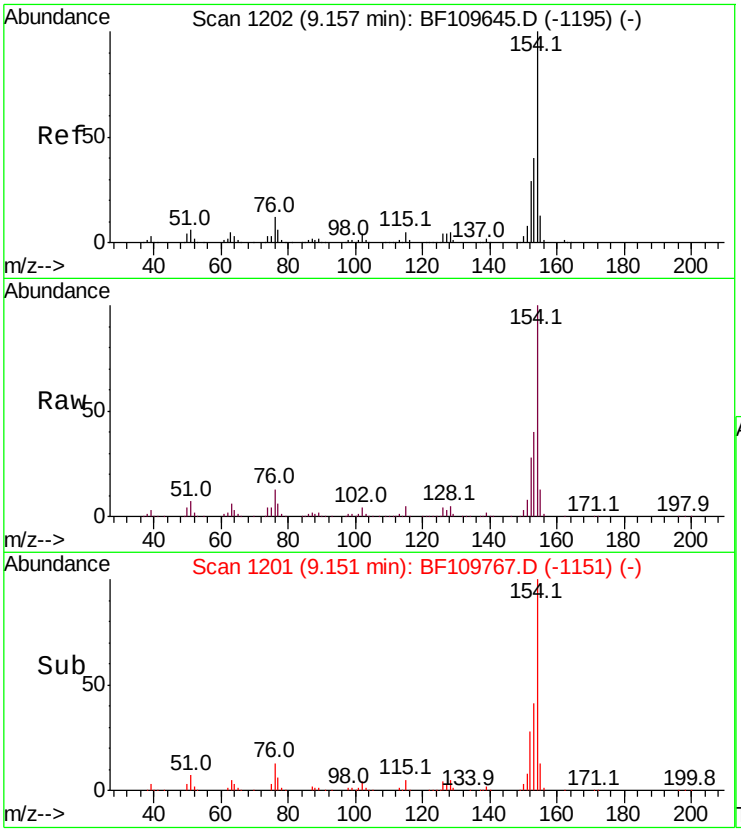


#44
2-Fluorobiphenyl
Concen: 78.148 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:172 Resp: 888766

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.9	19.7	29.5

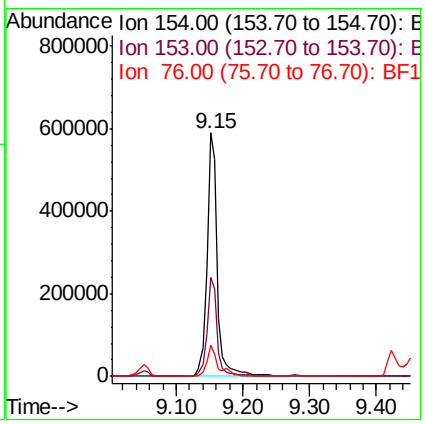




#45
1,1'-Biphenyl
Concen: 45.074 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:154 Resp: 630705

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.4	60.4
76	12.7	0.0	31.9



Instrument :
BNA_F
ClientSampleId :
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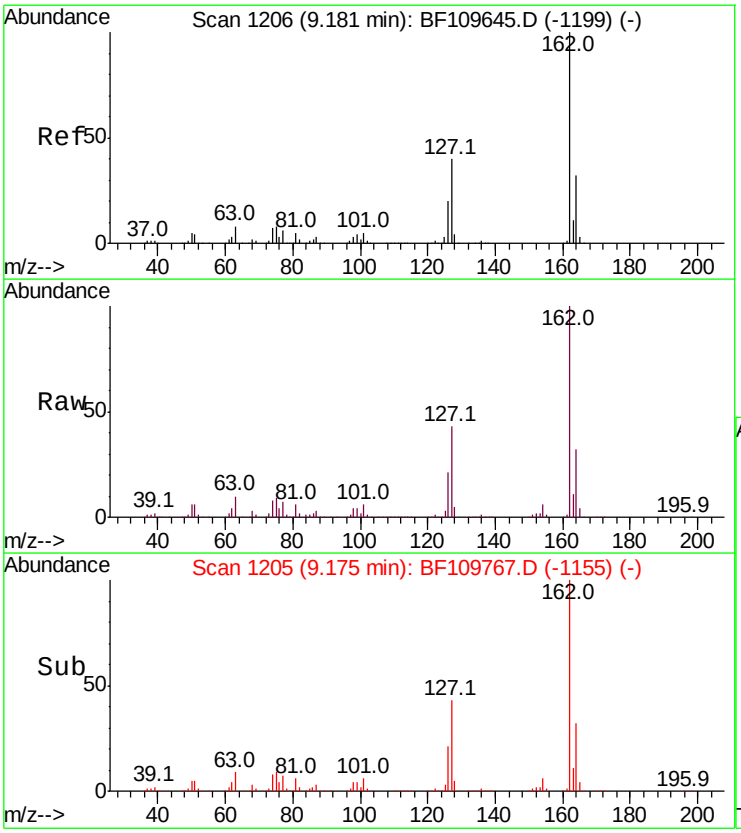
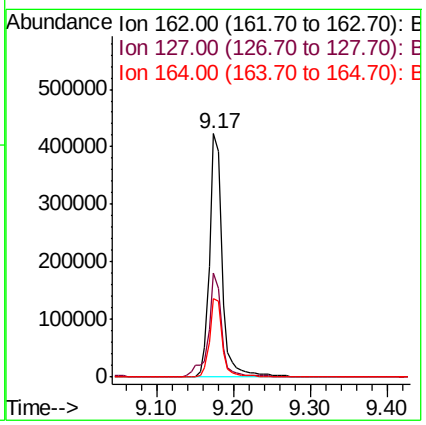
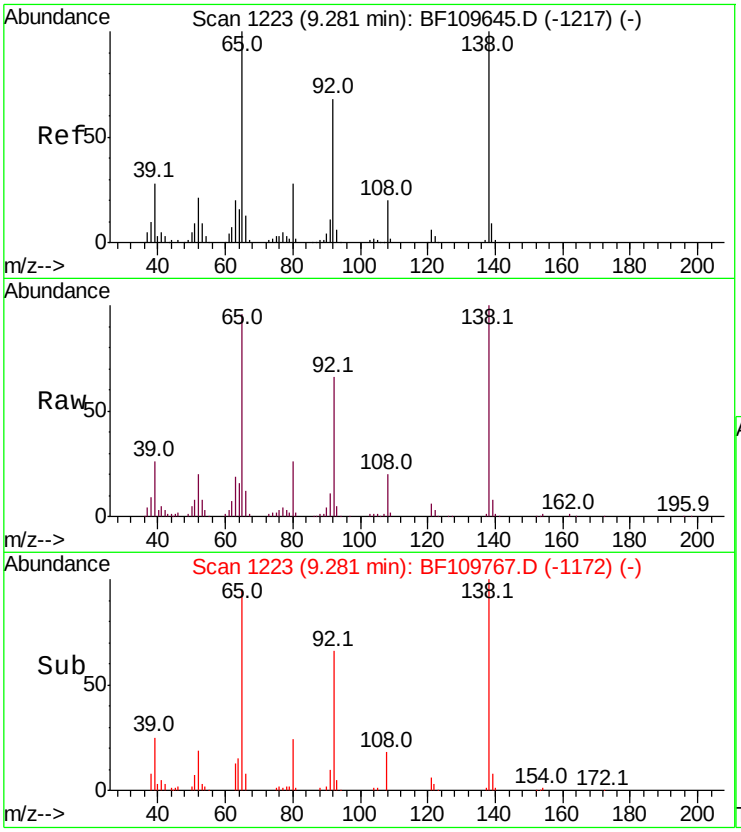


#46
2-Chloronaphthalene
Concen: 45.675 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:162 Resp: 478820

Ion	Ratio	Lower	Upper
162	100		
127	42.9	32.6	48.8
164	32.2	25.9	38.9

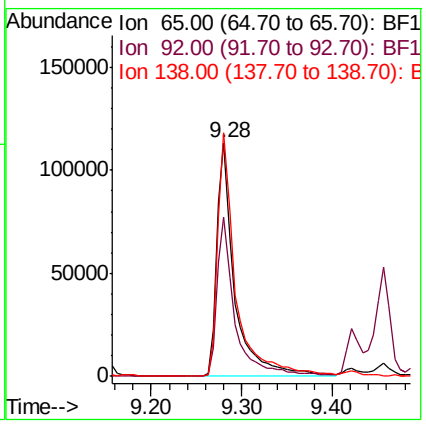




#47
2-Nitroaniline
Concen: 48.138 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion: 65 Resp: 152803

Ion	Ratio	Lower	Upper
65	100		
92	68.3	54.6	81.8
138	104.2	80.3	120.5



Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

Manual Integrations APPROVED
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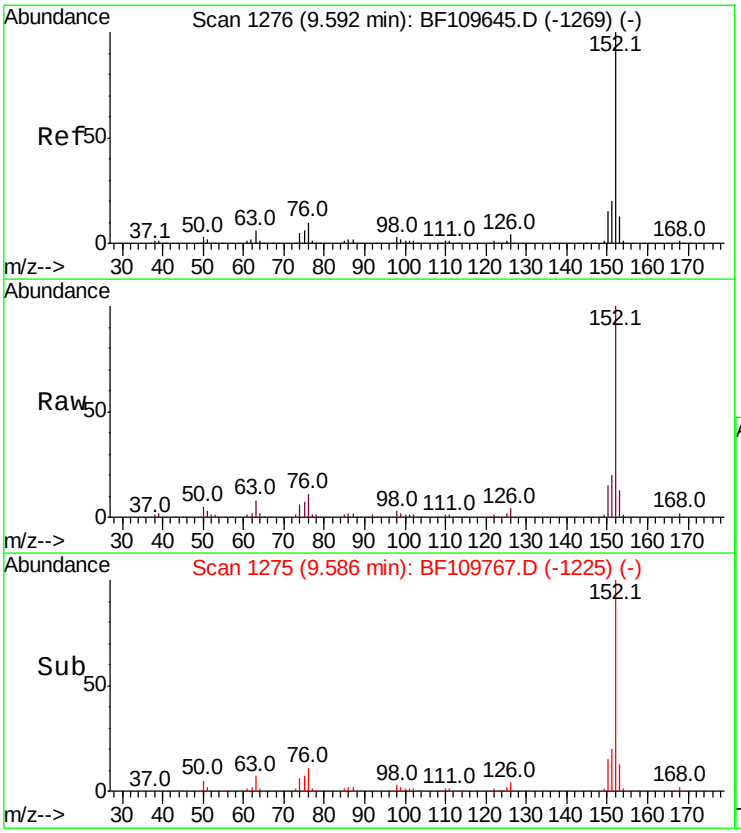
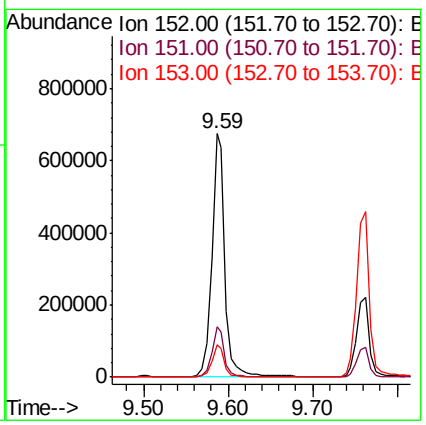
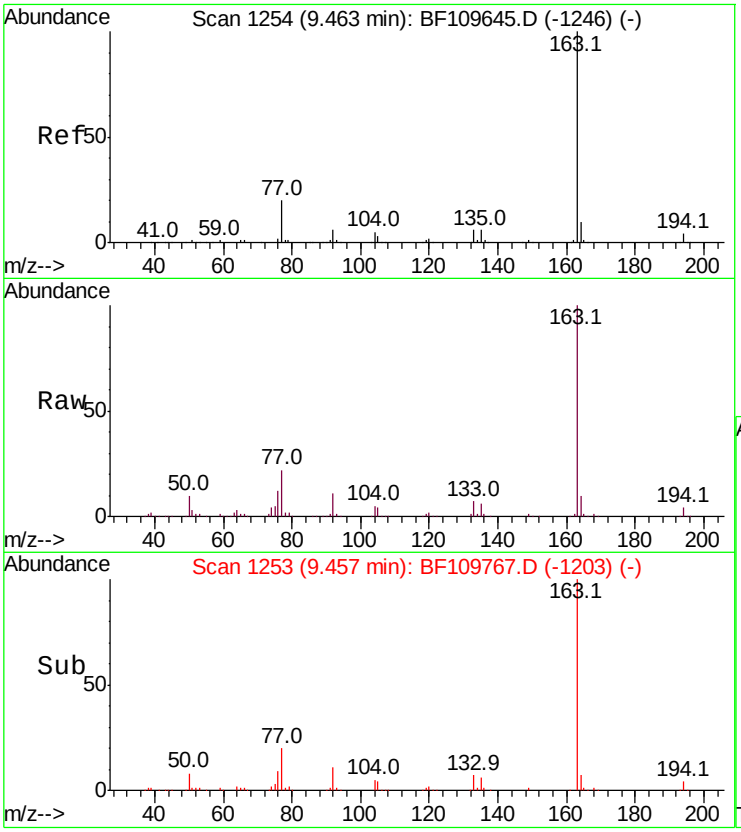


#48
Acenaphthylene
Concen: 48.720 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:152 Resp: 744600

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	13.4	10.4	15.6

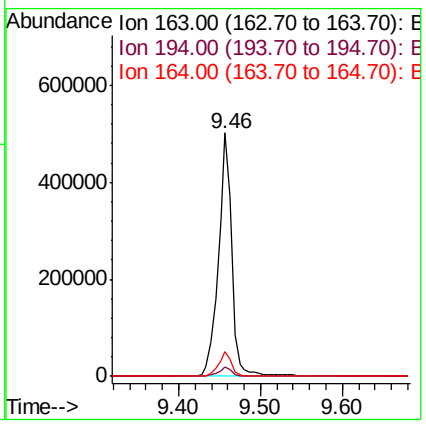




#49
Dimethylphthalate
Concen: 50.048 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:163 Resp: 574934

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.1	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
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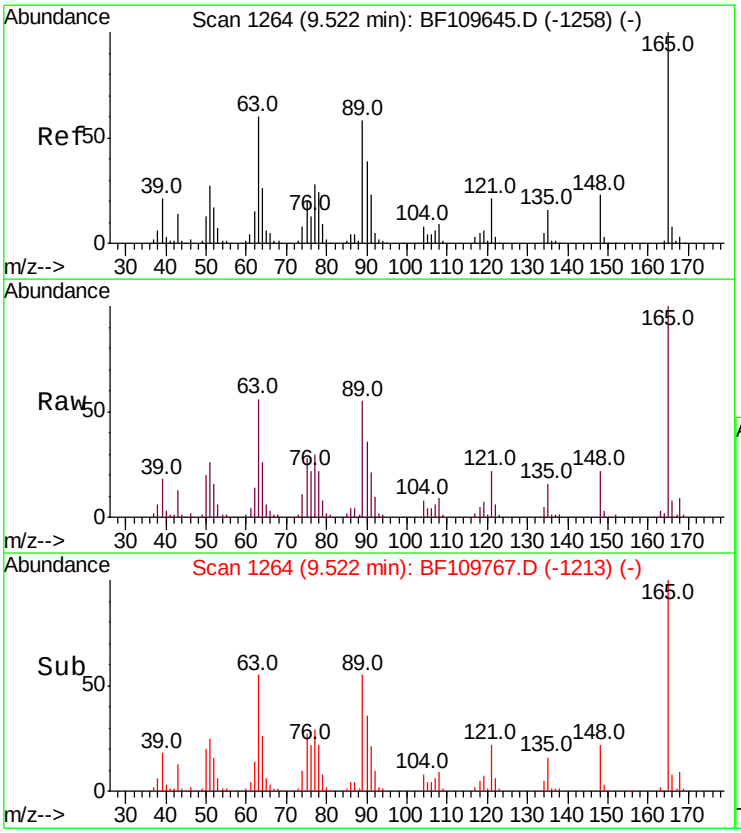
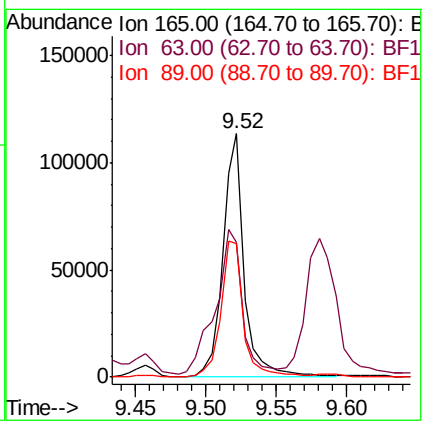
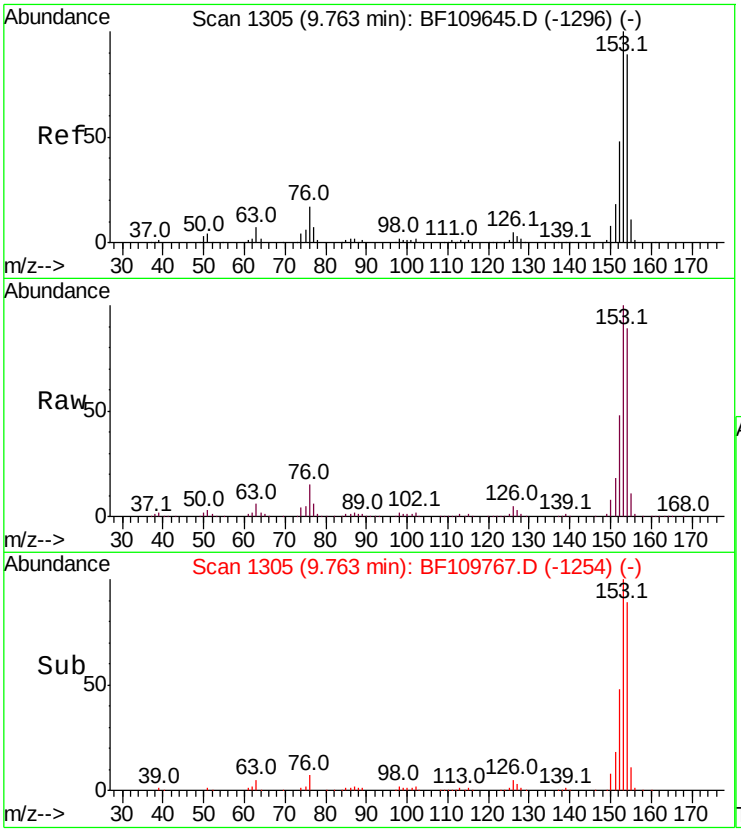


#50
2,6-Dinitrotoluene
Concen: 47.602 ng
RT: 9.52 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:165 Resp: 118535

Ion	Ratio	Lower	Upper
165	100		
63	55.6	48.9	73.3
89	54.8	46.6	69.8

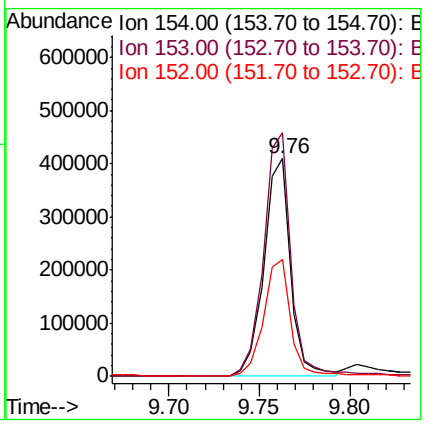




#51
Acenaphthene
Concen: 46.294 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:154 Resp: 419417

Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.1	135.1
152	53.7	43.4	65.2



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ClientSampleId :
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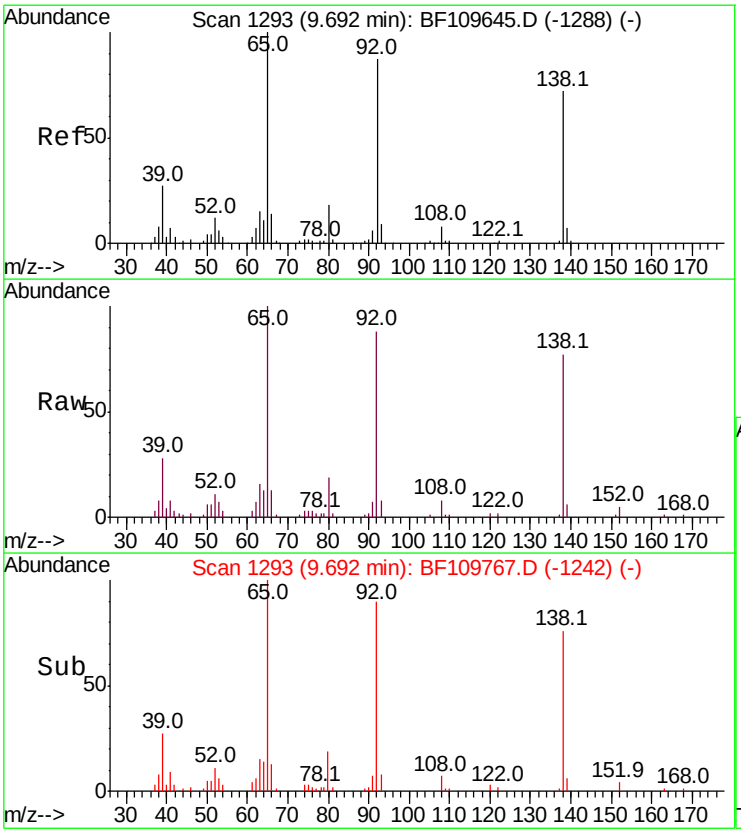
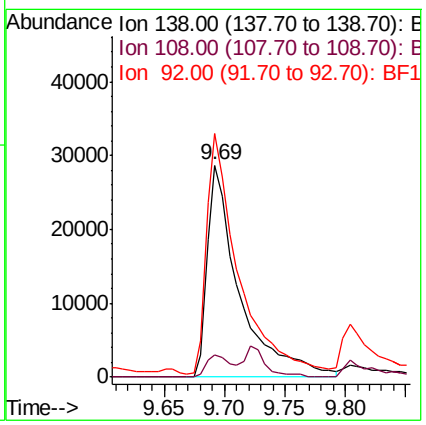
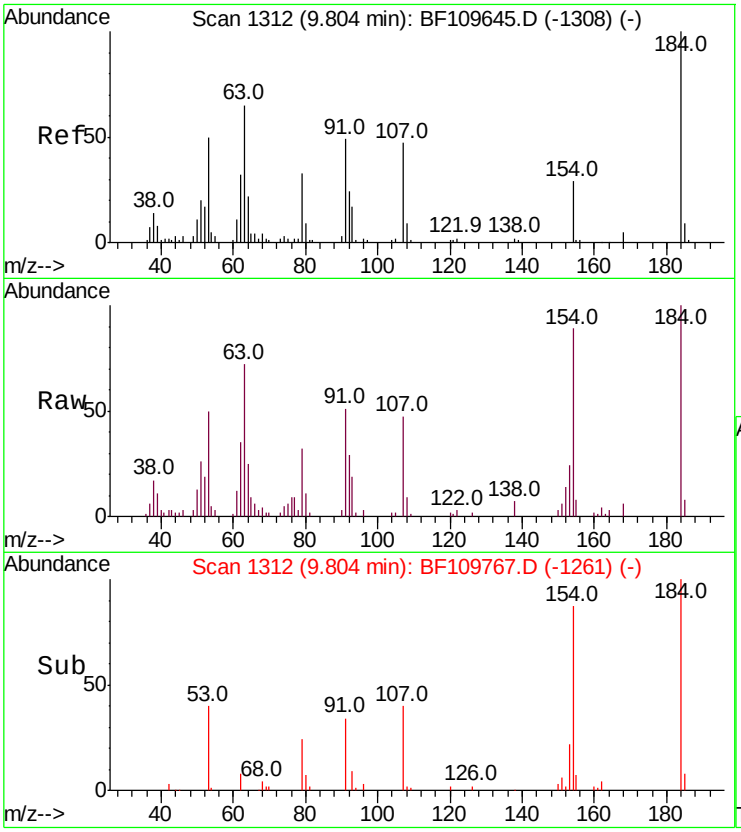


#52
3-Nitroaniline
Concen: 18.898 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:138 Resp: 52751

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.7	13.1
92	114.8	97.0	145.4

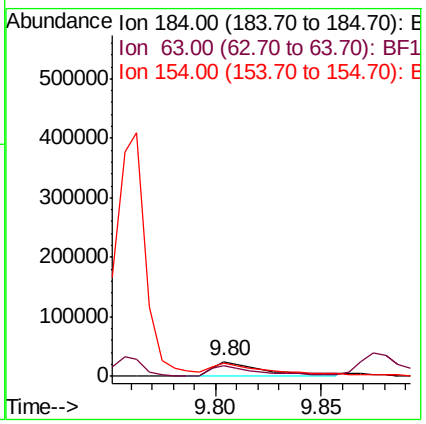




#53
2,4-Dinitrophenol
Concen: 52.539 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:184 Resp: 42210

Ion	Ratio	Lower	Upper
184	100		
63	71.9	55.8	83.6
154	88.6	63.2	94.8



Instrument :
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ClientSampleId :
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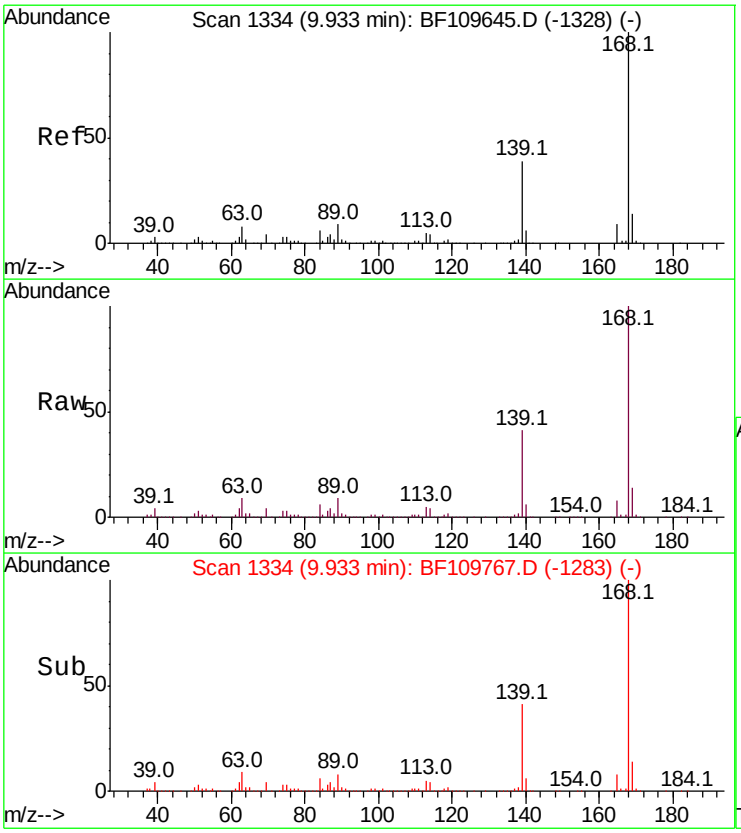
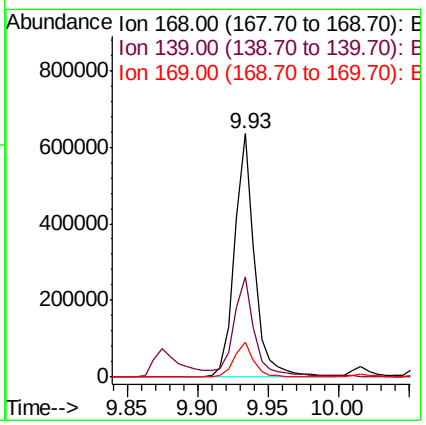
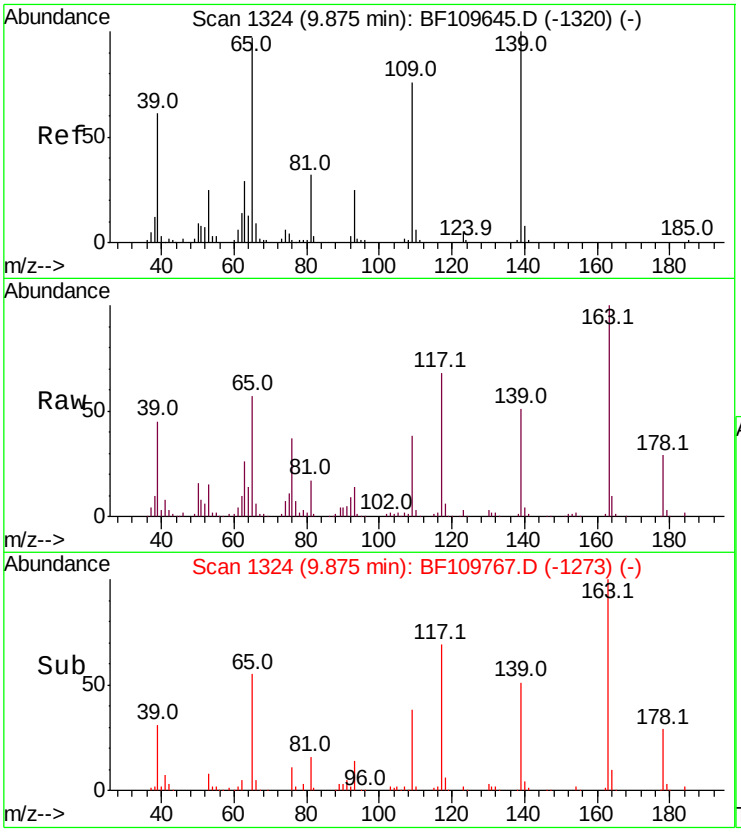


#54
Dibenzofuran
Concen: 46.280 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:168 Resp: 628506

Ion	Ratio	Lower	Upper
168	100		
139	41.2	33.0	49.6
169	14.2	11.3	16.9

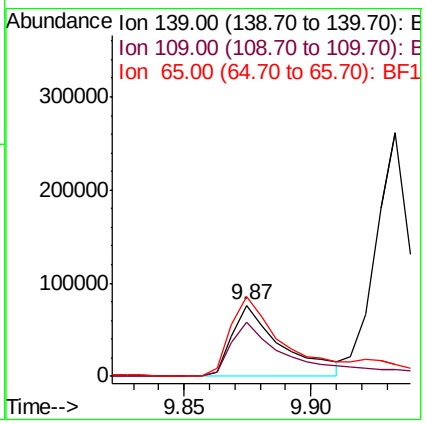




#55
4-Nitrophenol
Concen: 68.279 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:139 Resp: 104322

Ion	Ratio	Lower	Upper
139	100		
109	75.5	55.8	95.8
65	112.5	77.9	117.9



Instrument :
BNA_F
ClientSampleId :
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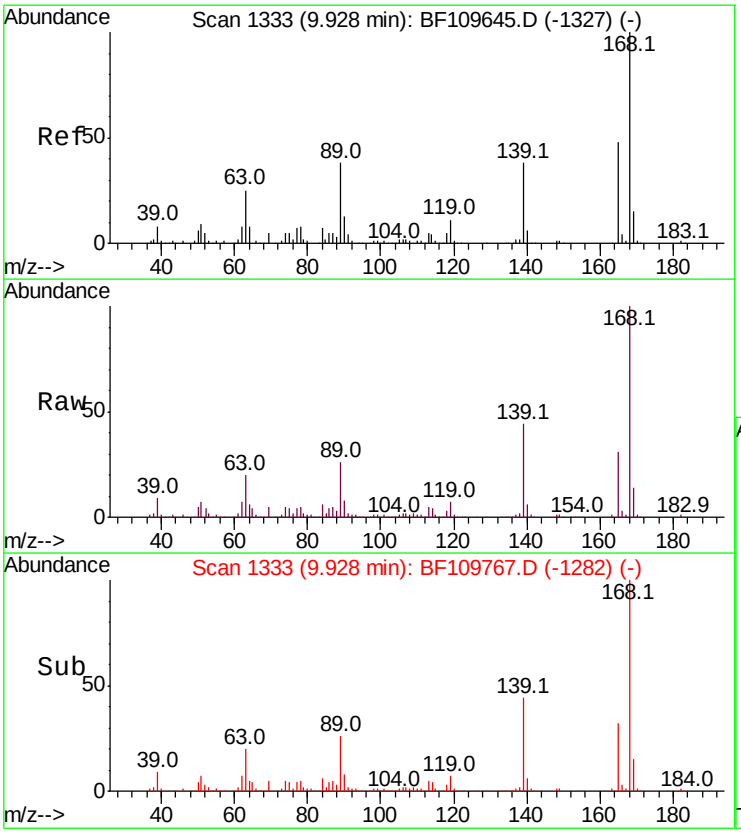
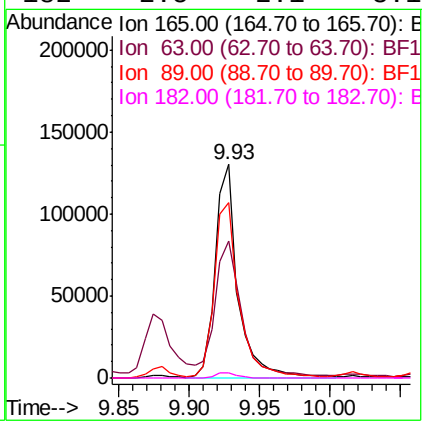
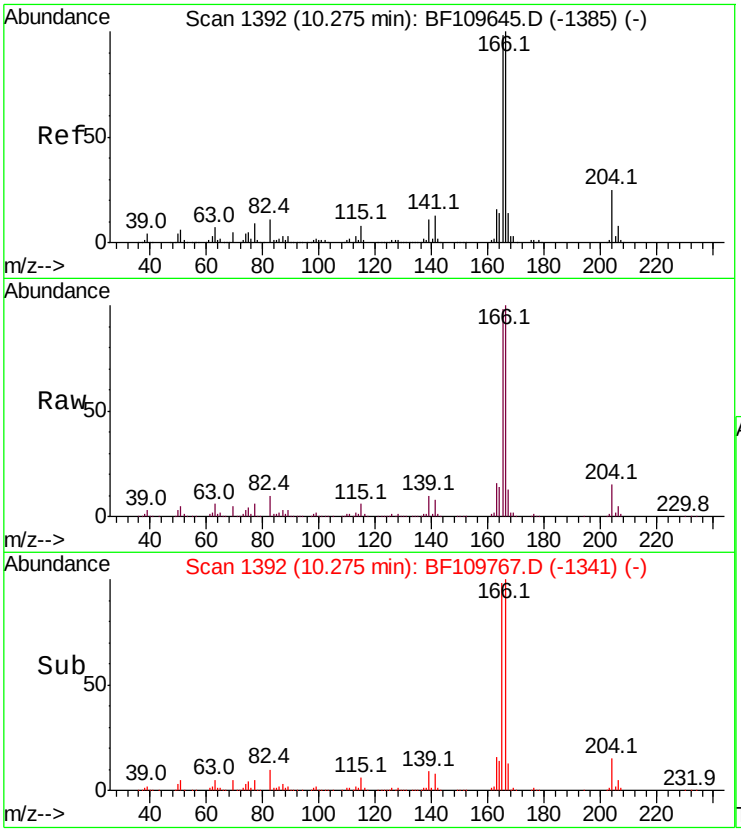


#56
2,4-Dinitrotoluene
Concen: 46.574 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:165 Resp: 144730

Ion	Ratio	Lower	Upper
165	100		
63	64.3	44.8	67.2
89	82.0	62.2	93.4
182	2.5	2.1	3.1

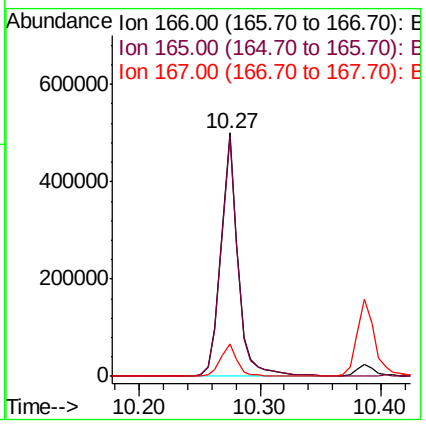




#57
Fluorene
Concen: 48.245 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:166 Resp: 489289

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	13.5	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

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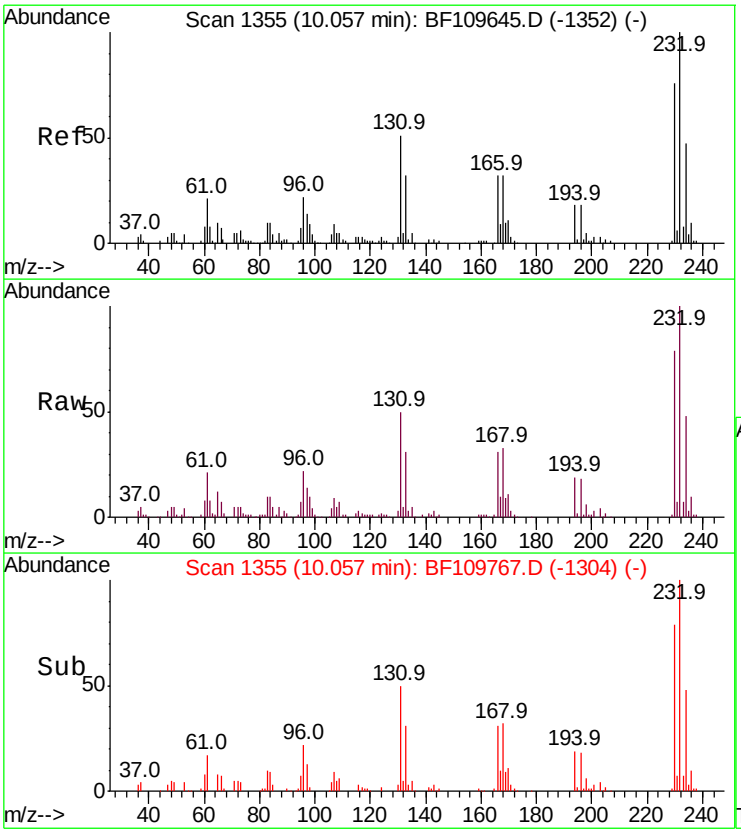
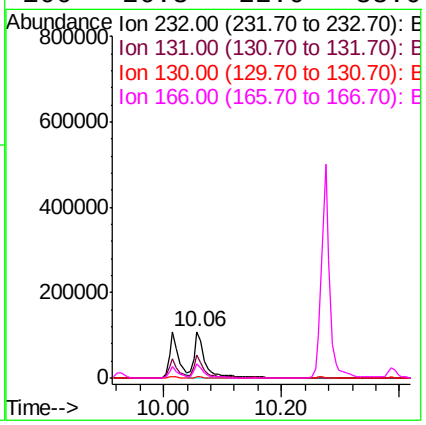
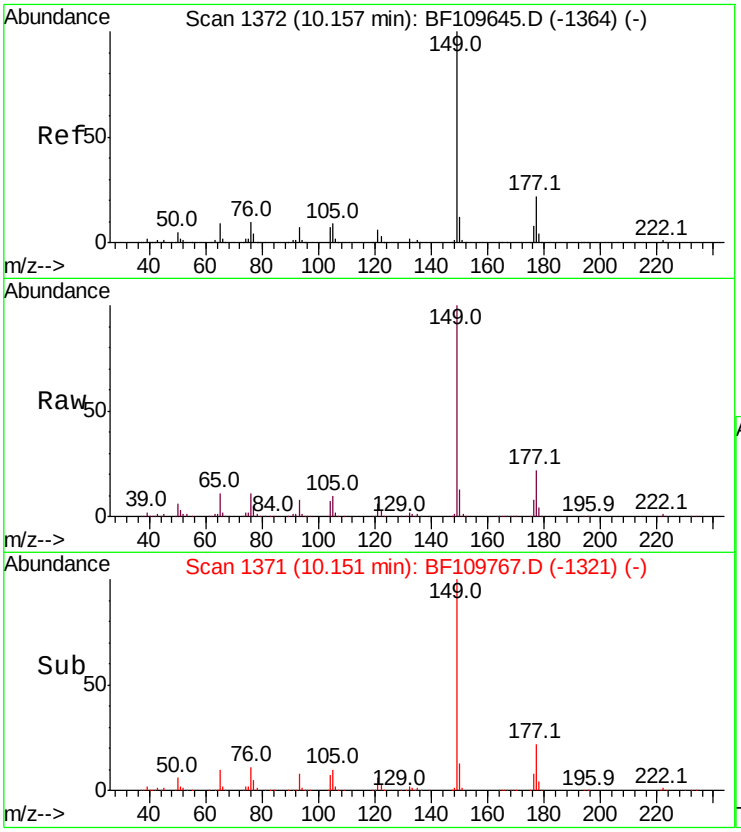


#58
2,3,4,6-Tetrachlorophenol
Concen: 48.106 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:232 Resp: 143312

Ion	Ratio	Lower	Upper
232	100		
131	41.1	37.0	55.4
130	1.9	1.8	2.6
166	26.3	22.0	33.0





#59
Diethylphthalate
Concen: 49.075 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:149 Resp: 558570

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.2
150	12.7	9.8	14.8

Instrument :
BNA_F
ClientSampleId :
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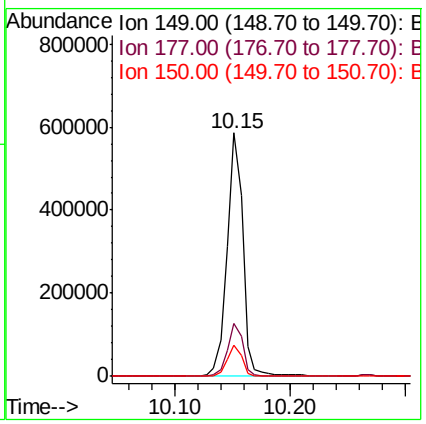
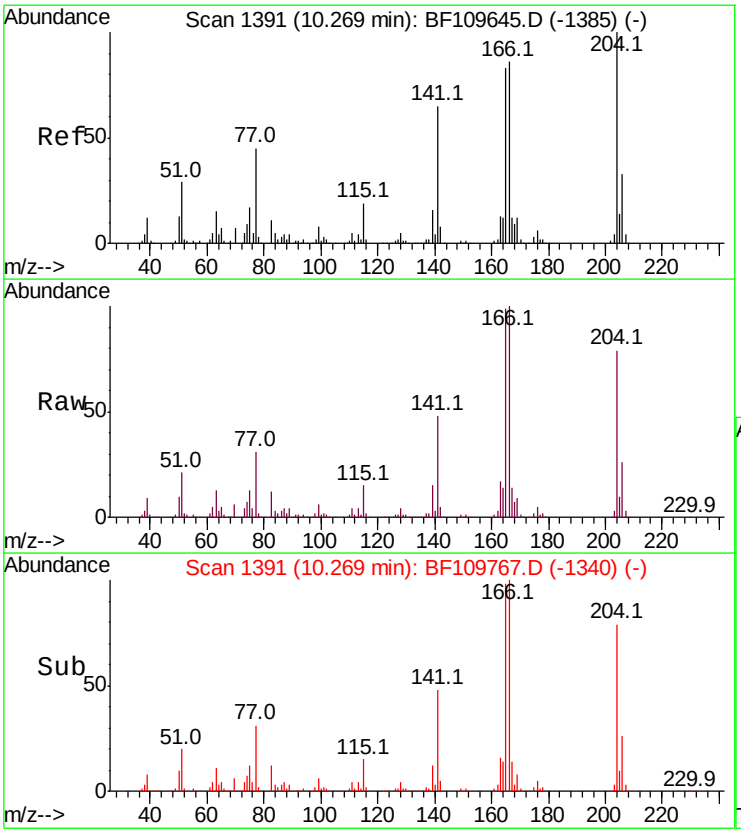
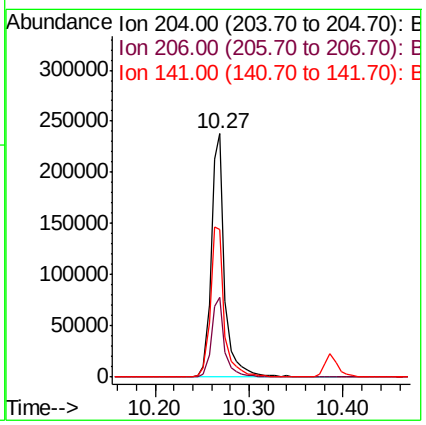


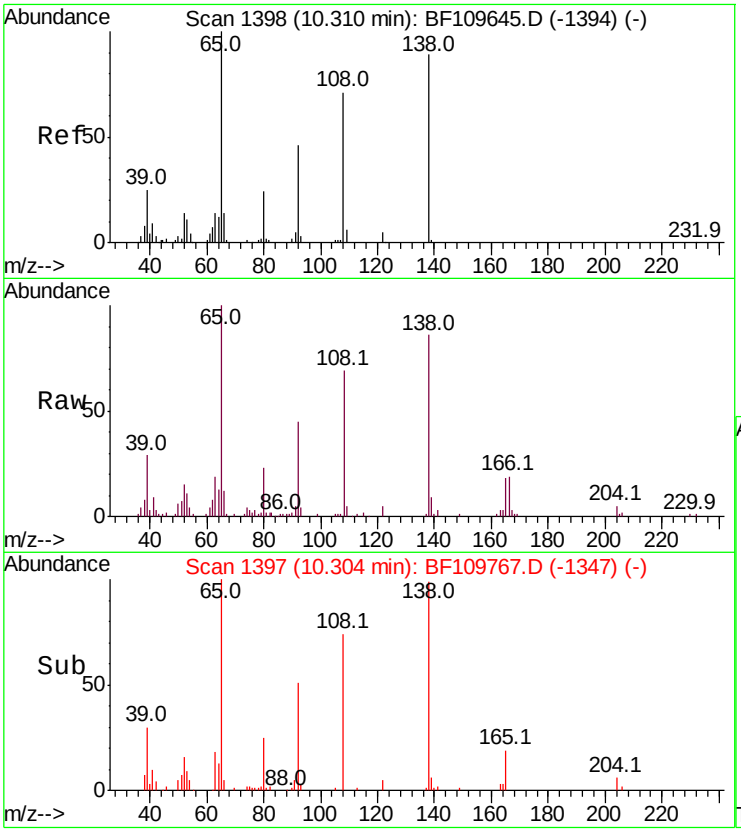


#60
4-Chlorophenyl-phenylether
Concen: 44.998 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:204 Resp: 240758

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	60.7	51.8	77.8

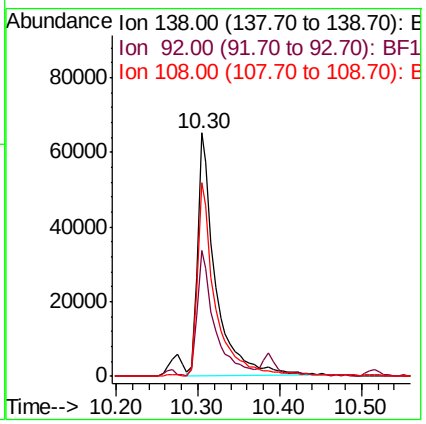




#61
4-Nitroaniline
Concen: 38.649 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:138 Resp: 99909

Ion	Ratio	Lower	Upper
138	100		
92	51.7	31.7	71.7
108	79.6	59.3	99.3



Instrument :
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ClientSampleId :
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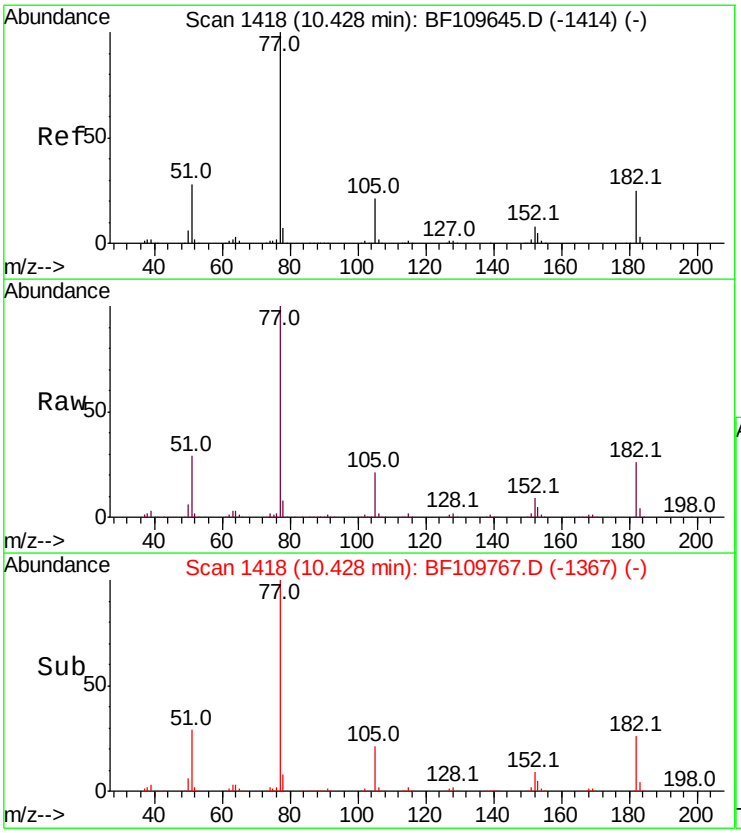
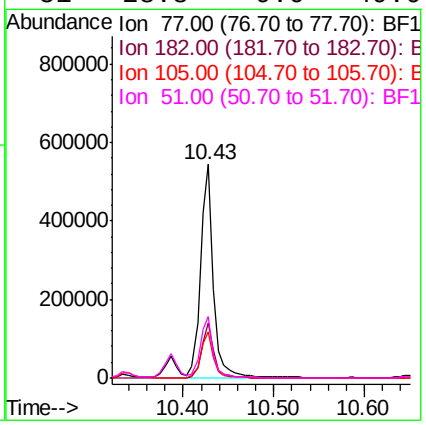
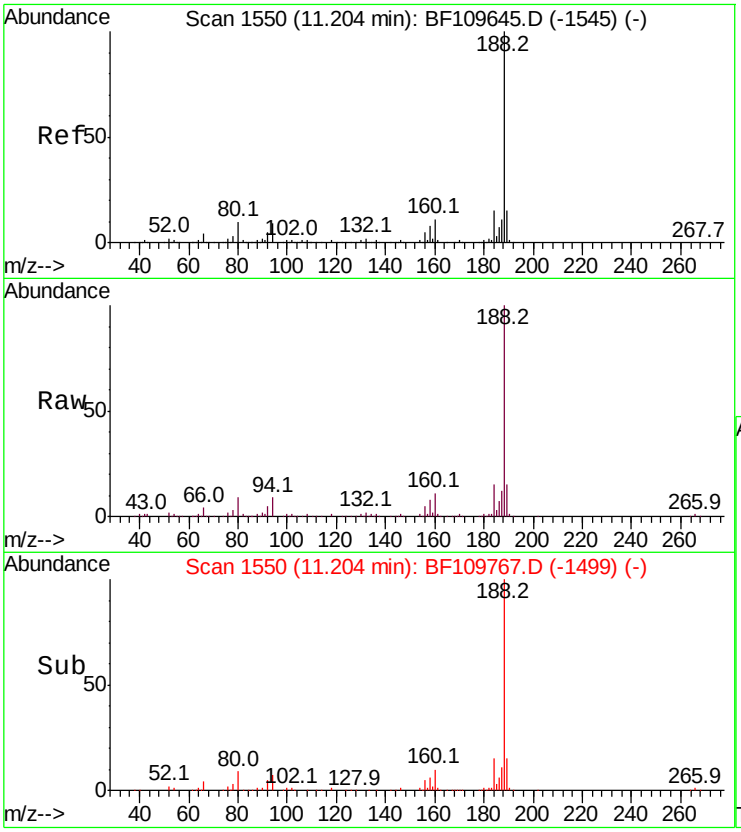


#62
Azobenzene
Concen: 46.412 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion: 77 Resp: 536448

Ion	Ratio	Lower	Upper
77	100		
182	25.7	4.3	44.3
105	21.4	1.3	41.3
51	28.8	9.0	49.0





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:188 Resp: 264013

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.3	7.9	11.9

Instrument :
BNA_F
ClientSampleId :
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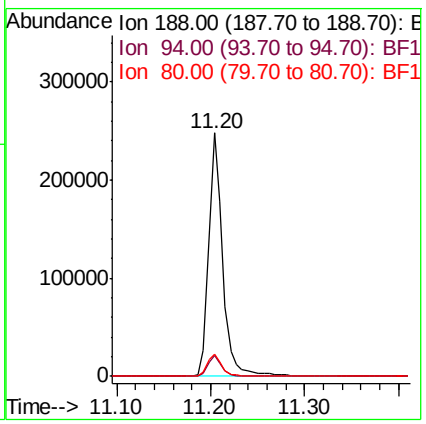
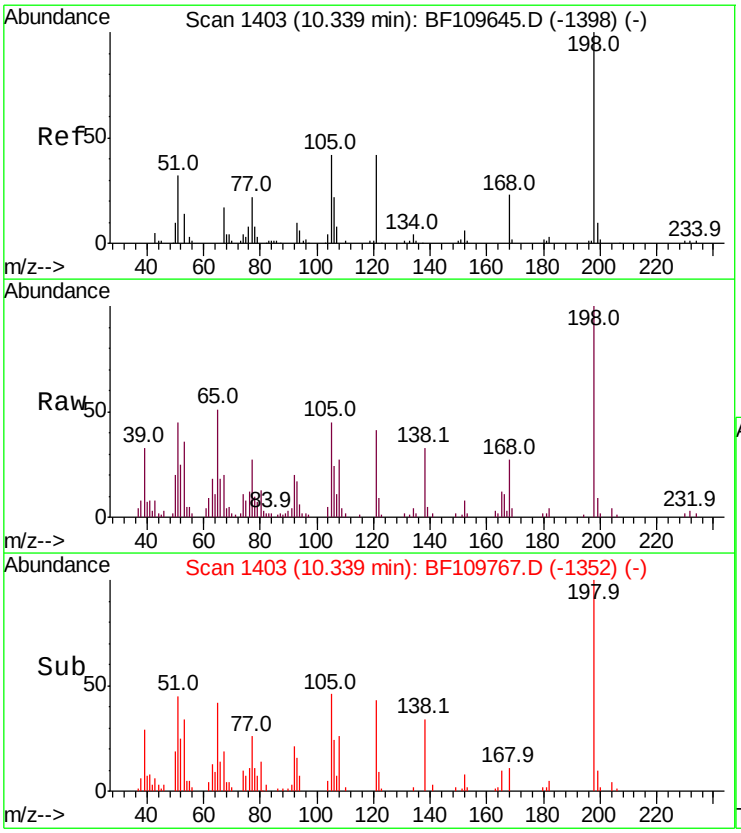
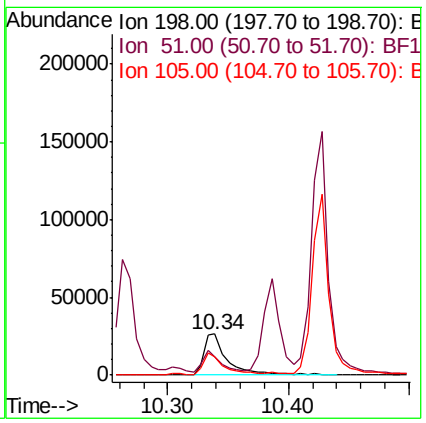


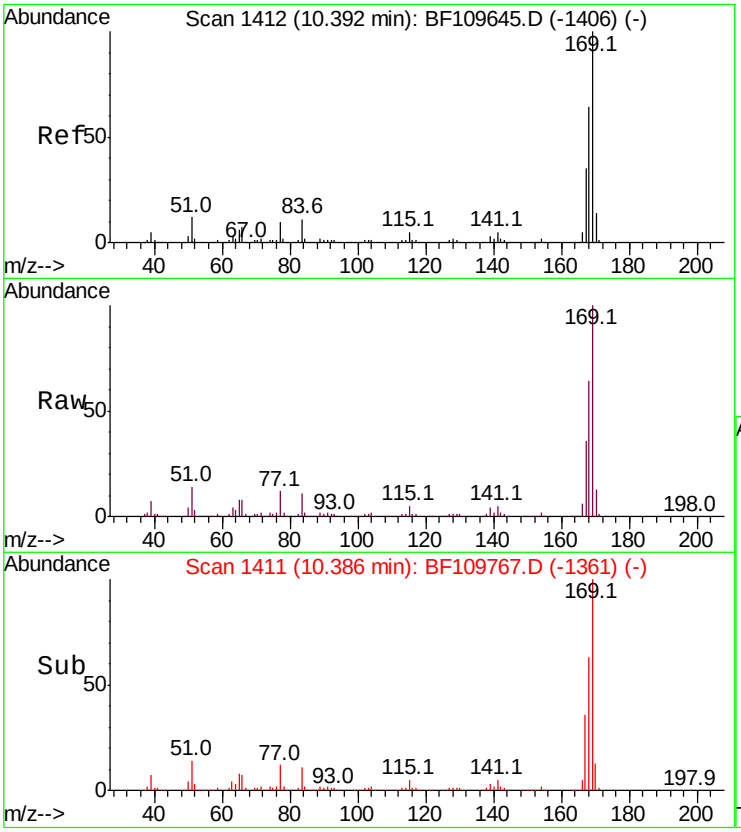


#64
4,6-Dinitro-2-methylphenol
Concen: 28.263 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:198 Resp: 36318

Ion	Ratio	Lower	Upper
198	100		
51	45.5	22.8	62.8
105	44.7	23.6	63.6

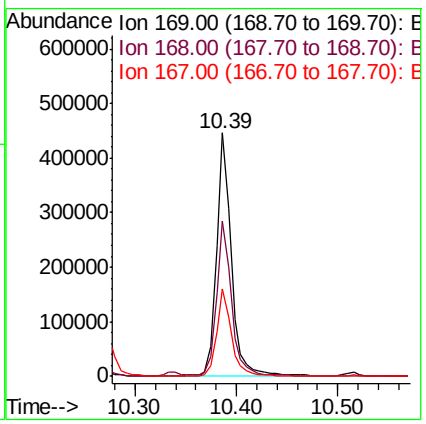




#65
n-Nitrosodiphenylamine
Concen: 50.405 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:169 Resp: 451130

Ion	Ratio	Lower	Upper
169	100		
168	63.9	51.2	76.8
167	35.8	27.8	41.6



Instrument :
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ClientSampleId :
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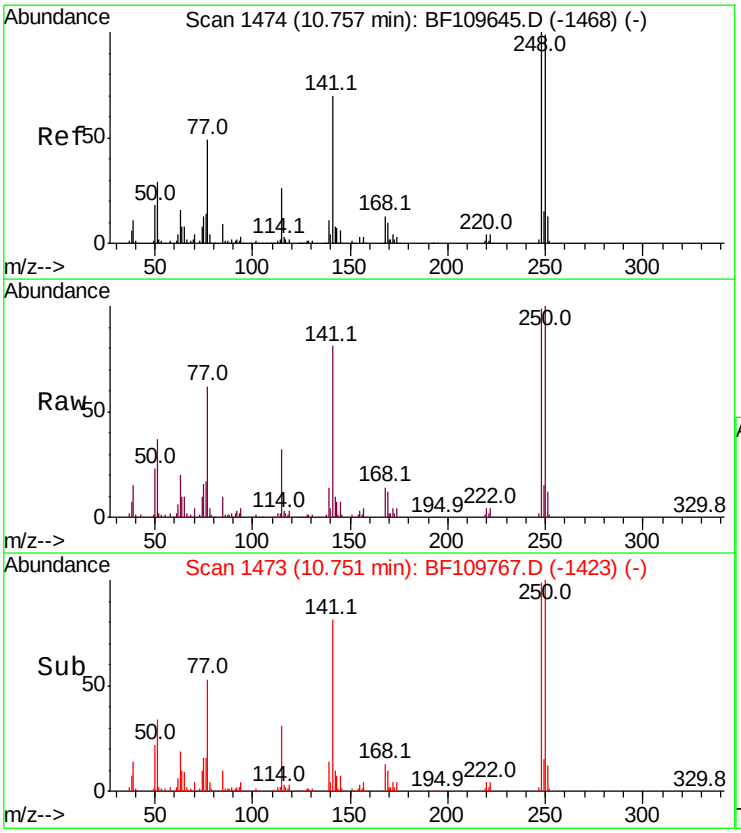
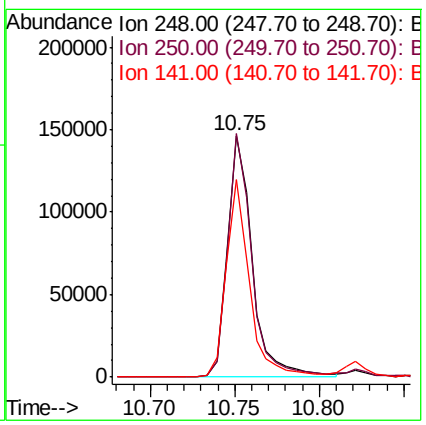
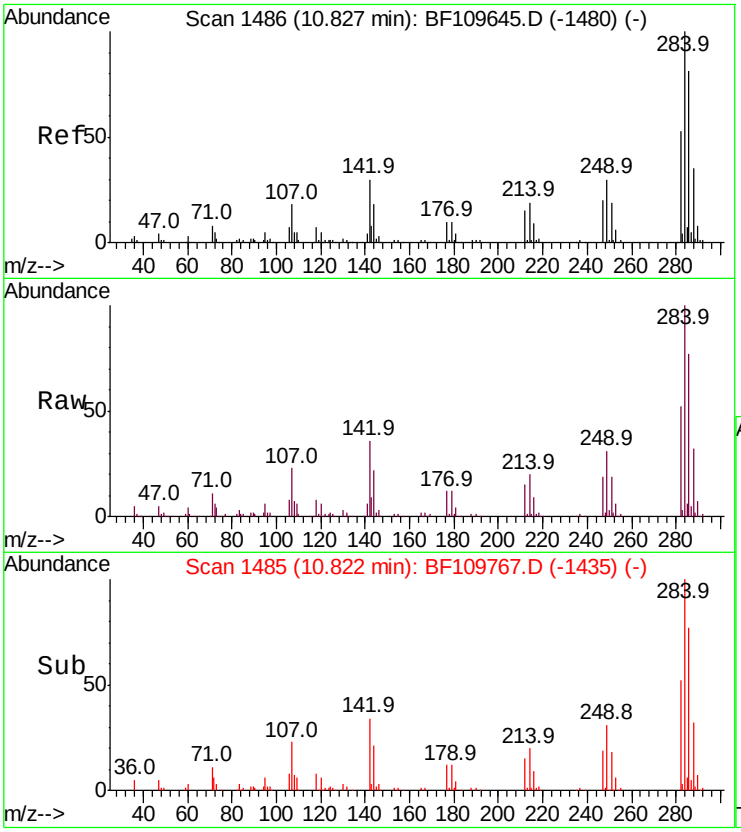


#66
4-Bromophenyl-phenylether
Concen: 49.195 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:248 Resp: 149235

Ion	Ratio	Lower	Upper
248	100		
250	101.0	79.4	119.2
141	81.8	55.9	83.9





#67
Hexachlorobenzene
Concen: 46.552 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:284 Resp: 152919

Ion	Ratio	Lower	Upper
284	100		
142	35.8	23.9	35.9
249	31.1	24.2	36.2

Instrument :
BNA_F
ClientSampleId :
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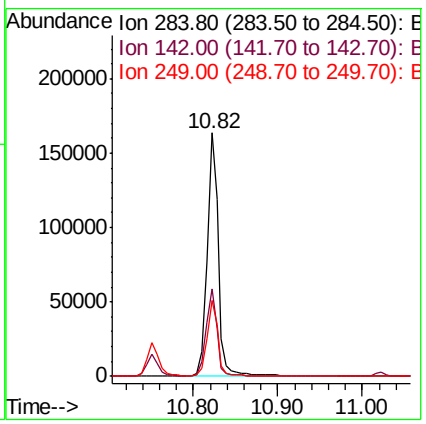
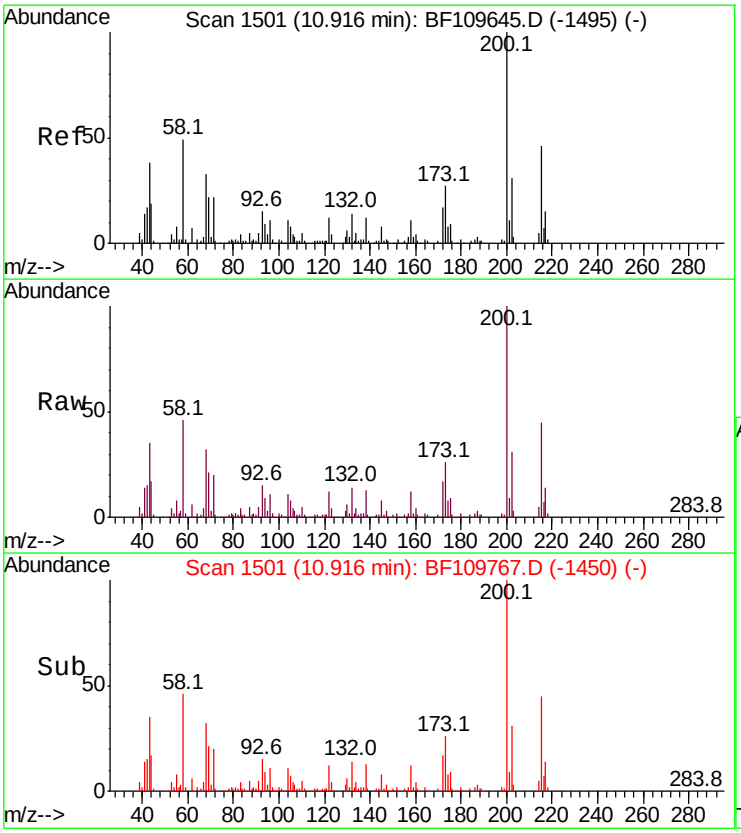
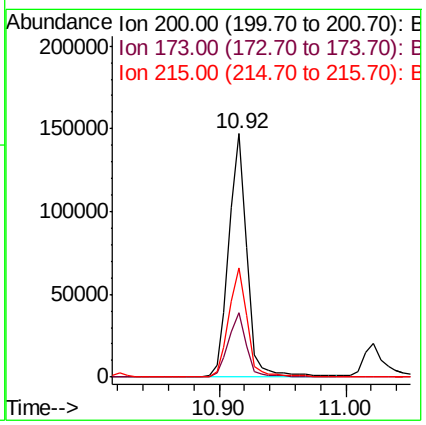


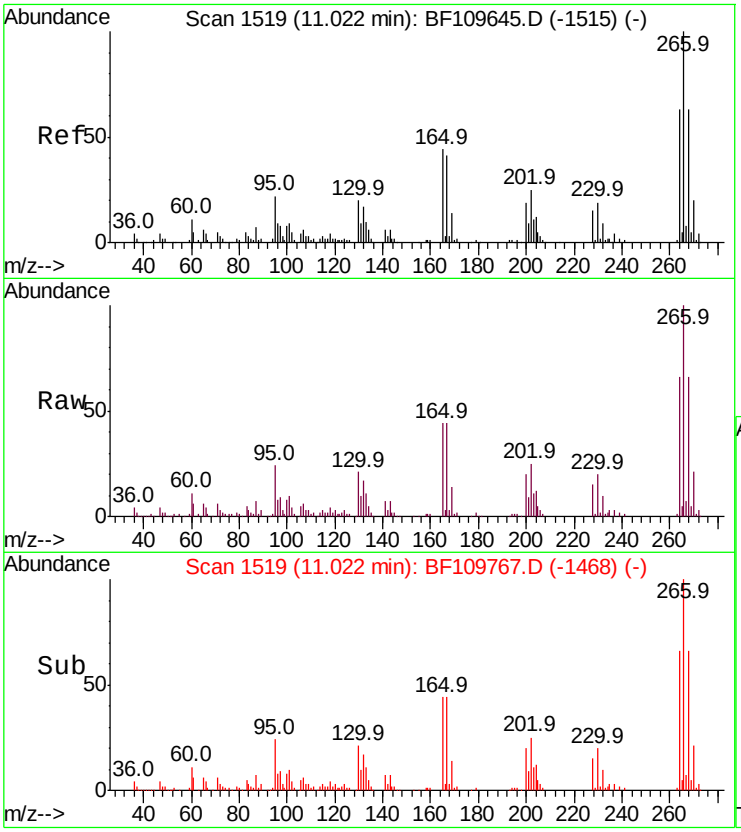


#68
Atrazine
Concen: 52.084 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:200 Resp: 145479

Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.6	46.6
215	44.7	26.3	66.3





#69
Pentachlorophenol
Concen: 72.023 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:266 Resp: 133128

Ion	Ratio	Lower	Upper
266	100		
268	65.7	50.6	75.8
264	65.8	50.6	75.8

Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

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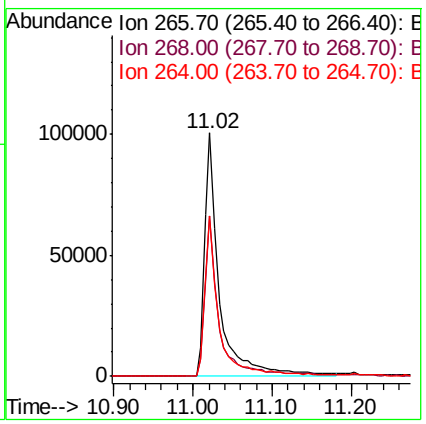
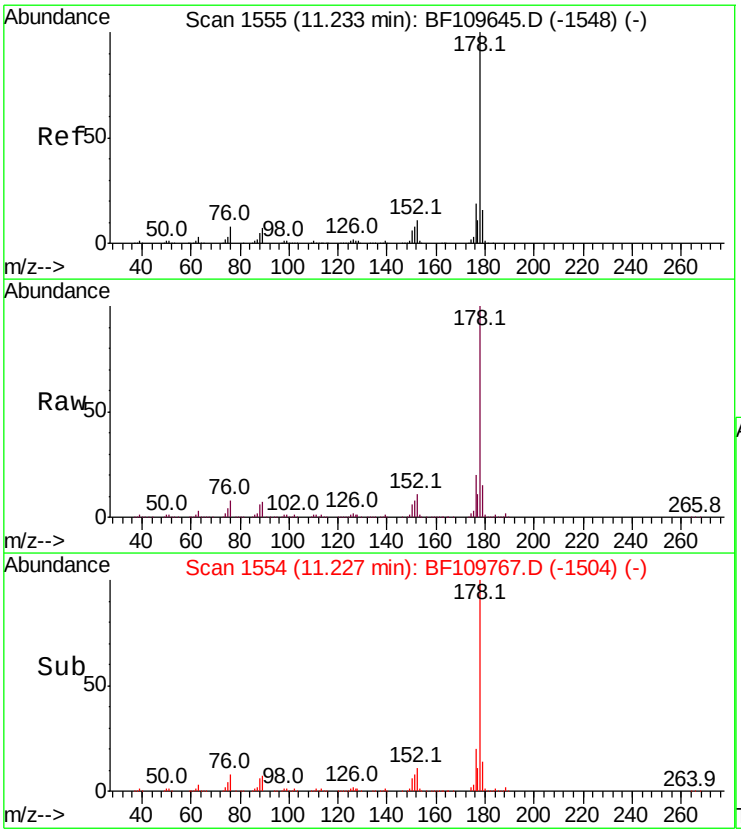
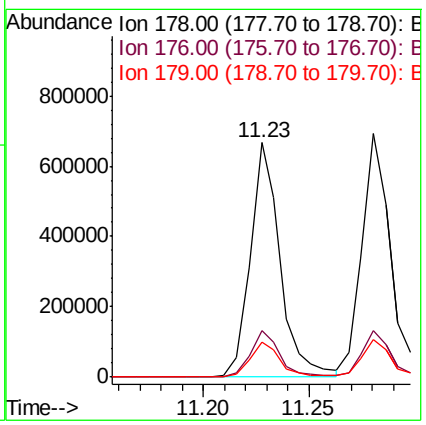


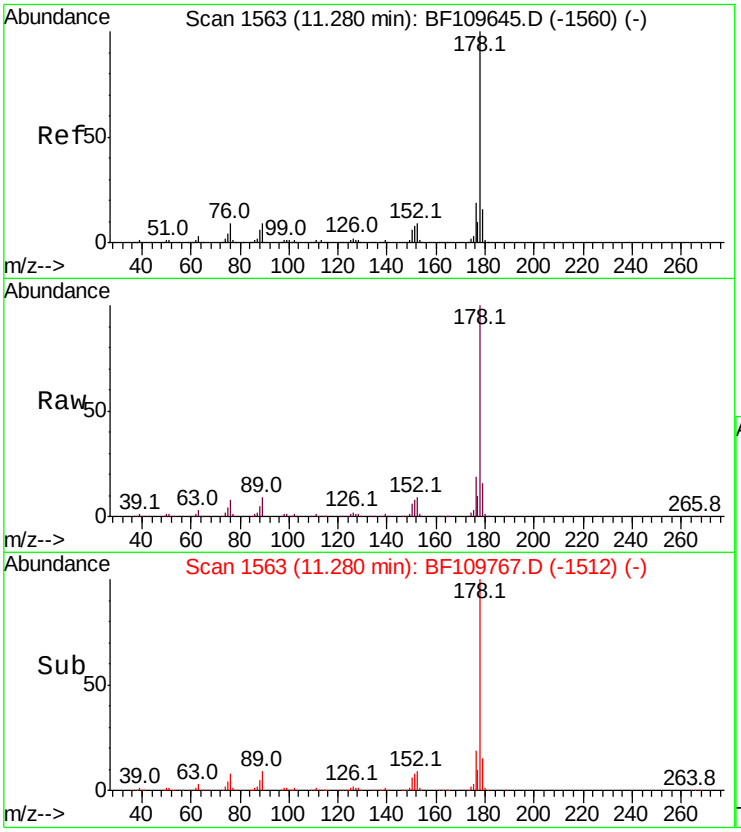


#70
Phenanthrene
Concen: 49.798 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:178 Resp: 657946

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	14.8	12.5	18.7

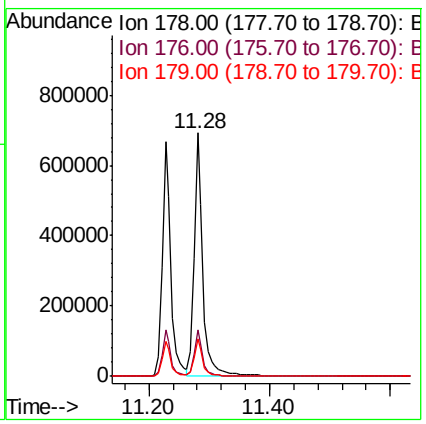




#71
Anthracene
Concen: 51.549 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:178 Resp: 704043

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
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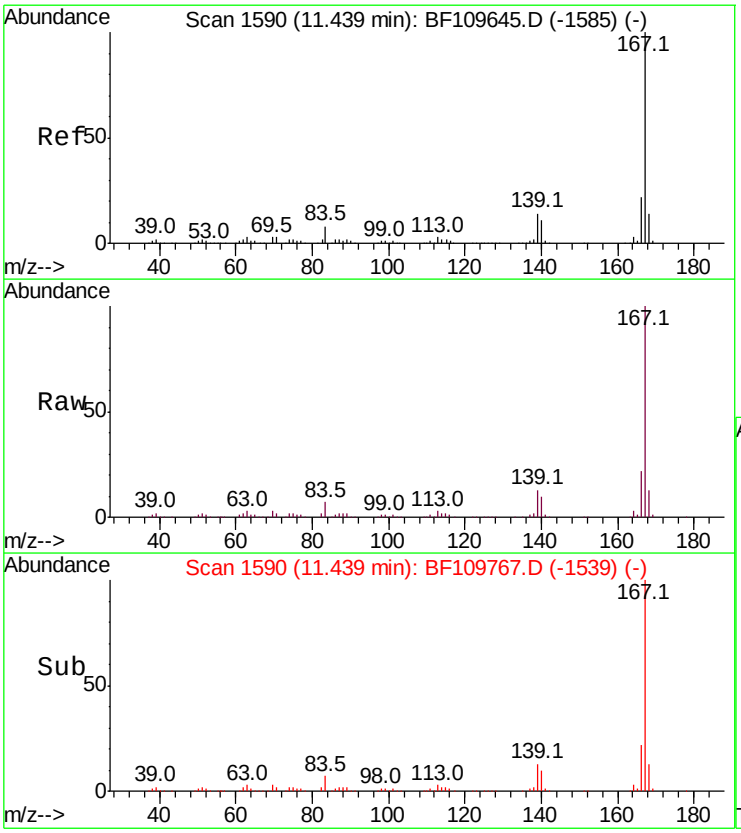
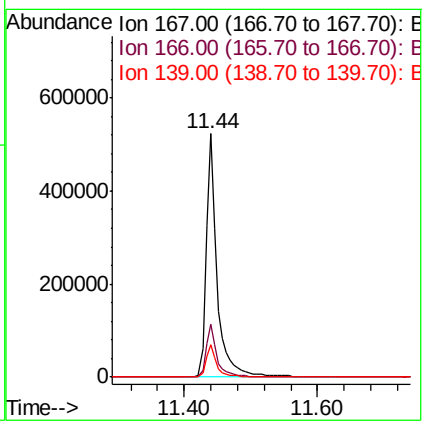
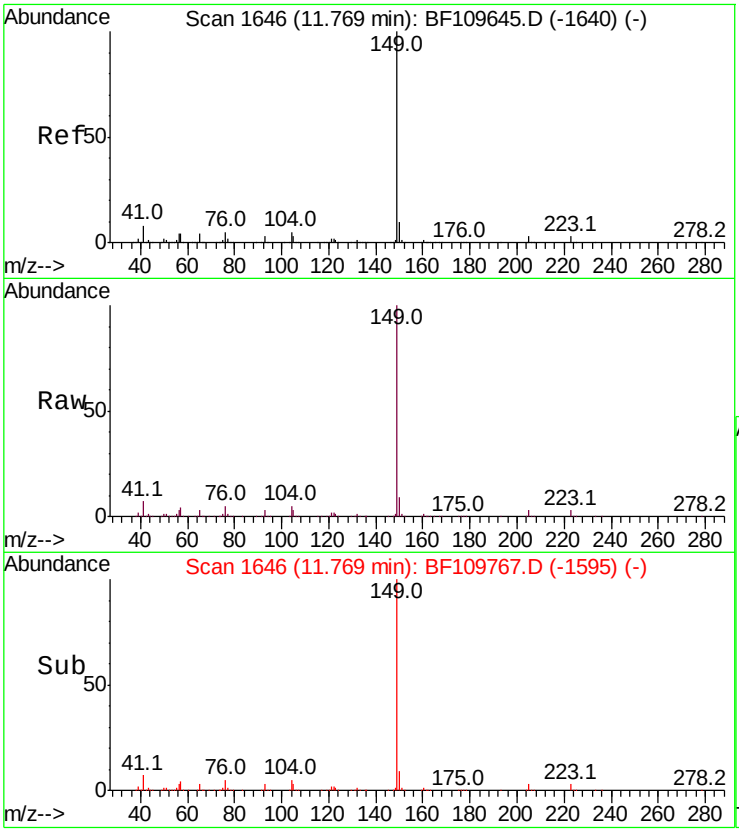


#72
Carbazole
Concen: 45.012 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:167 Resp: 596245

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	13.1	10.9	16.3

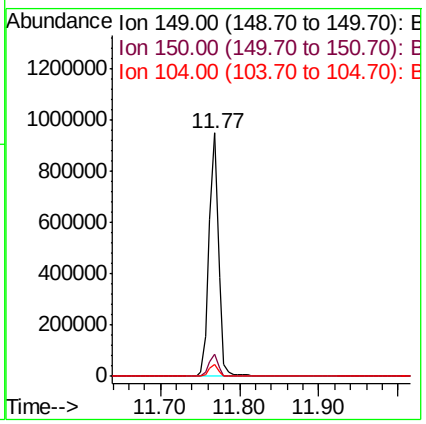




#73
Di-n-butylphthalate
Concen: 51.325 ng
RT: 11.77 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:149 Resp: 788536

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.9	4.2	6.4



Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

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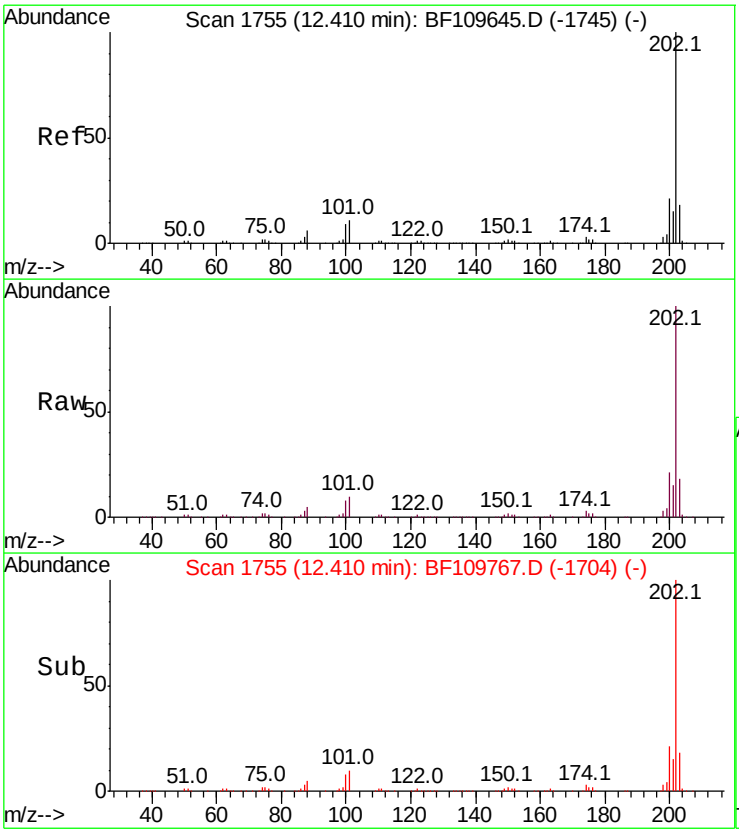
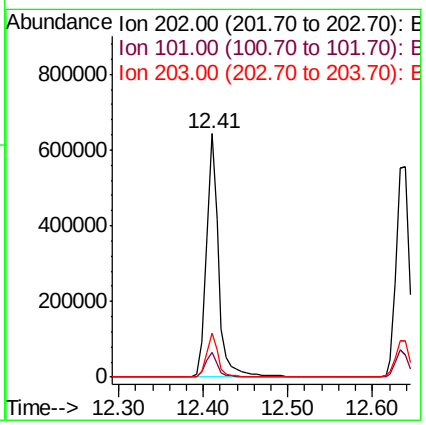
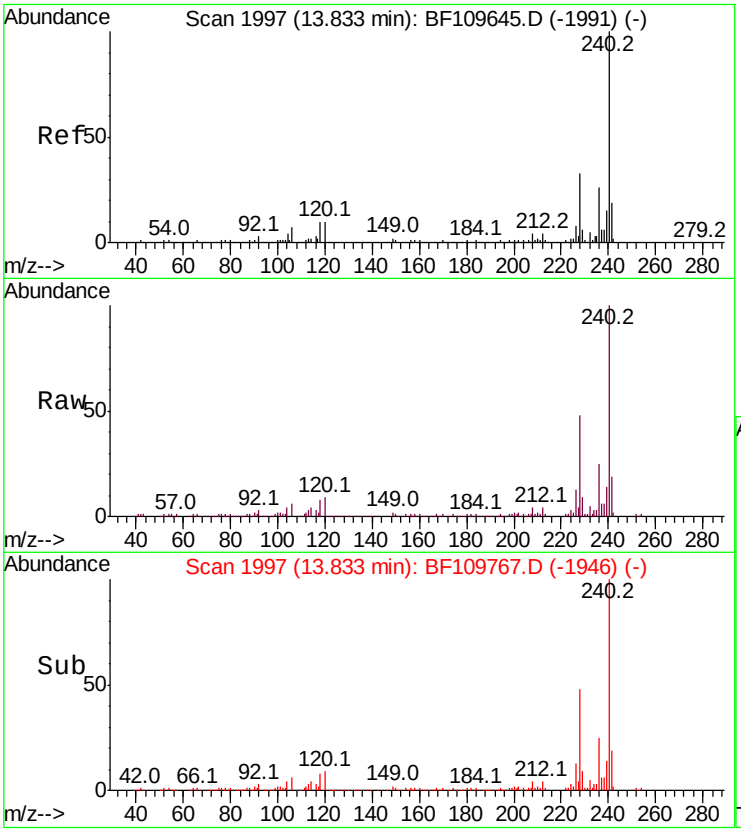


#74
Fluoranthene
Concen: 46.613 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:202 Resp: 643382

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.4
203	18.0	0.0	37.7

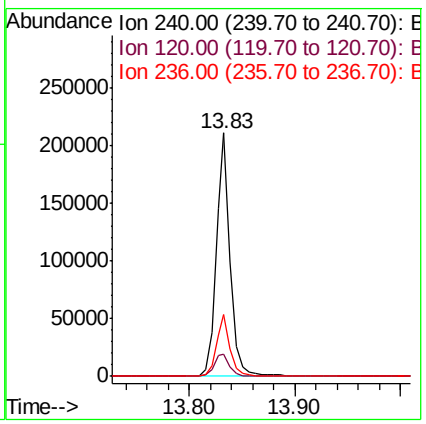




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:240 Resp: 194670

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.3	12.5
236	25.5	21.2	31.8



Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

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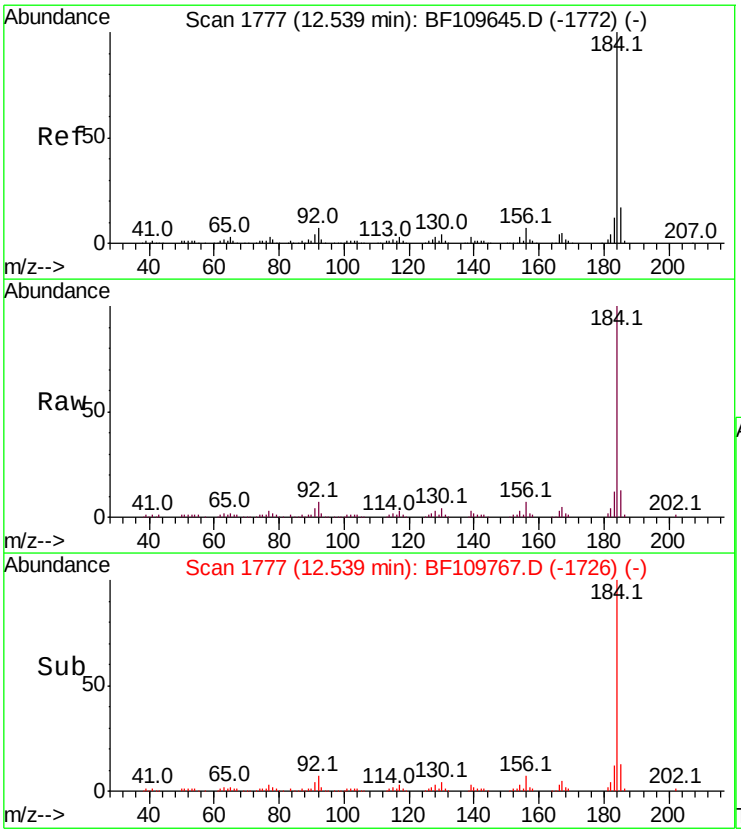
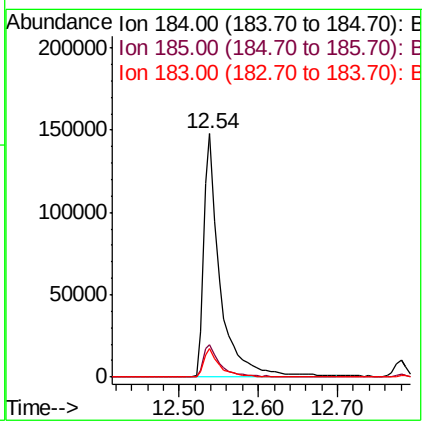
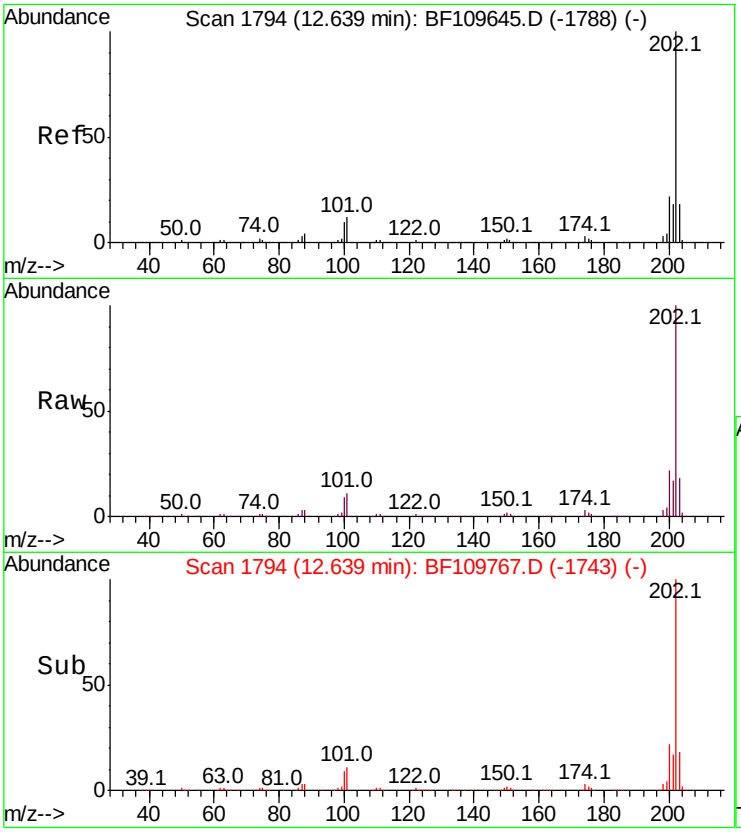


#76
Benzidine
Concen: 29.534 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:184 Resp: 213580

Ion	Ratio	Lower	Upper
184	100		
185	13.2	13.4	20.2#
183	12.0	9.4	14.2

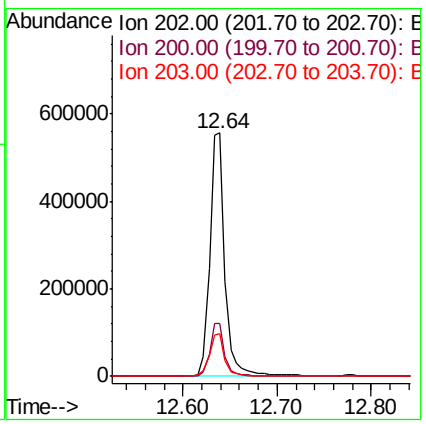




#77
Pyrene
Concen: 44.091 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:202 Resp: 628862

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.8	26.6
203	17.5	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

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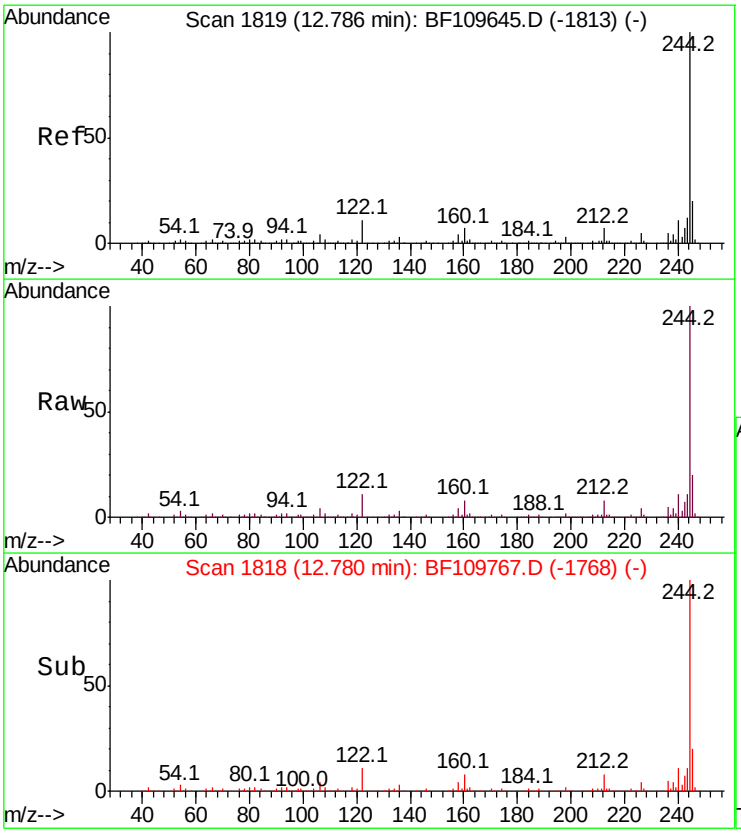
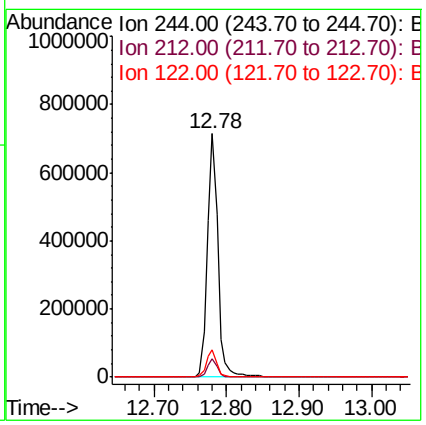
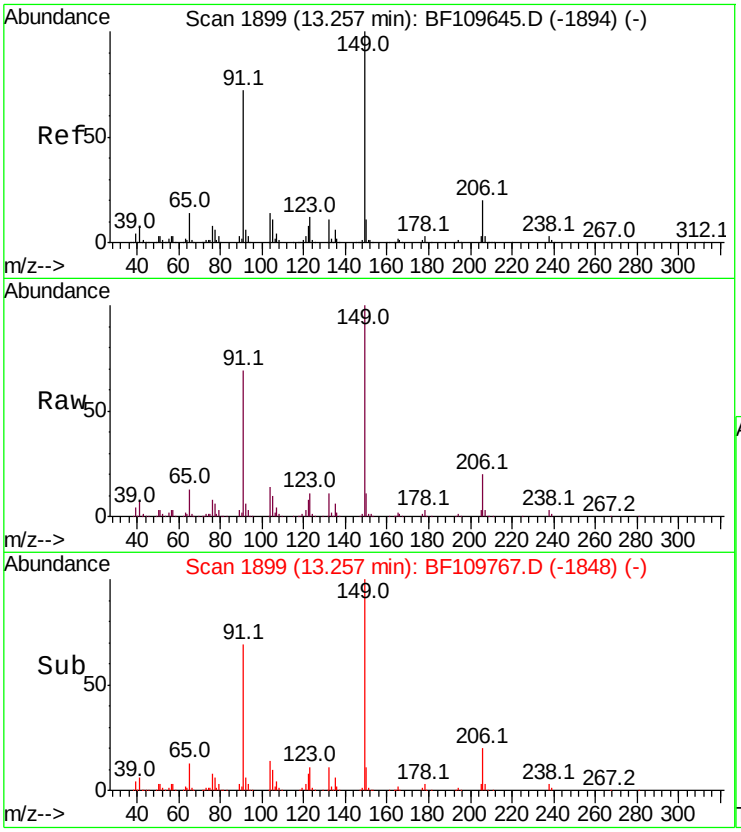


#78
Terphenyl-d14
Concen: 71.781 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:244 Resp: 721836

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	11.3	8.7	13.1

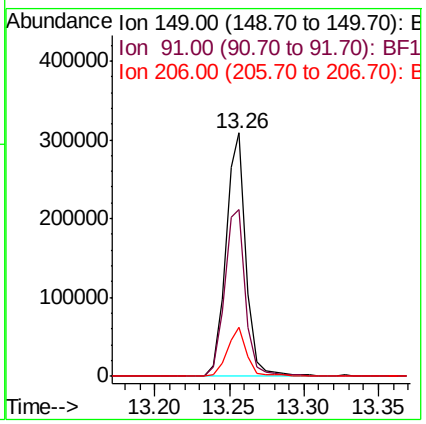




#79
Butylbenzylphthalate
Concen: 47.551 ng
RT: 13.26 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:149 Resp: 294039

Ion	Ratio	Lower	Upper
149	100		
91	68.7	57.2	85.8
206	20.0	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

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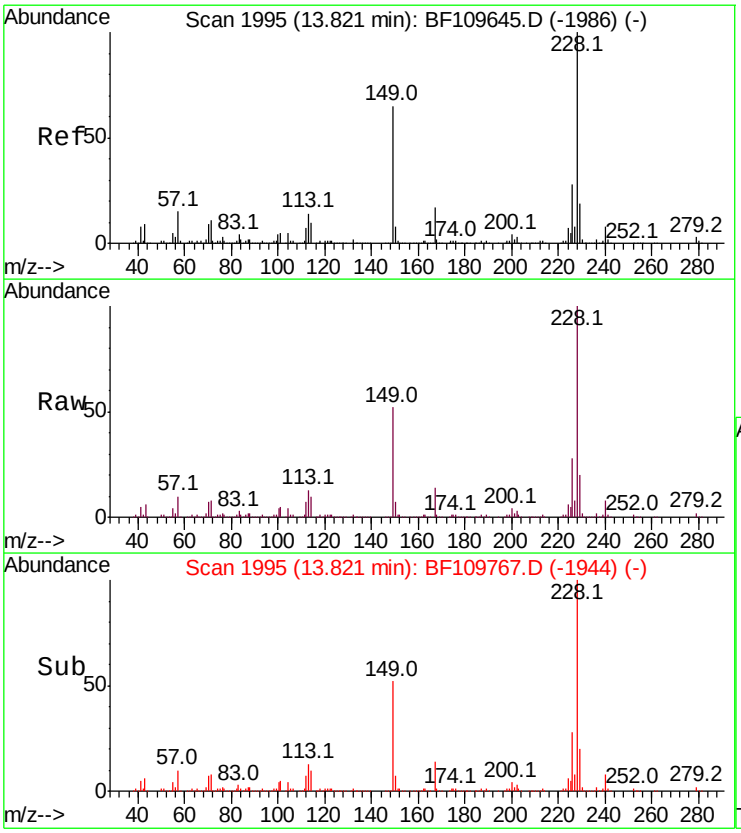
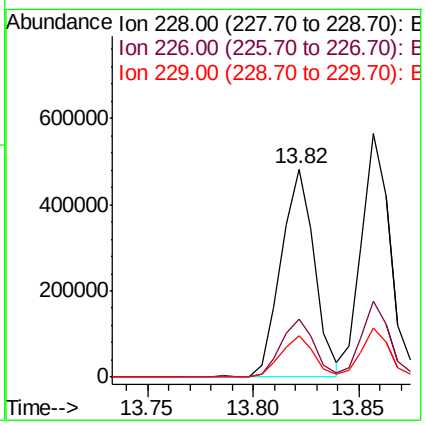
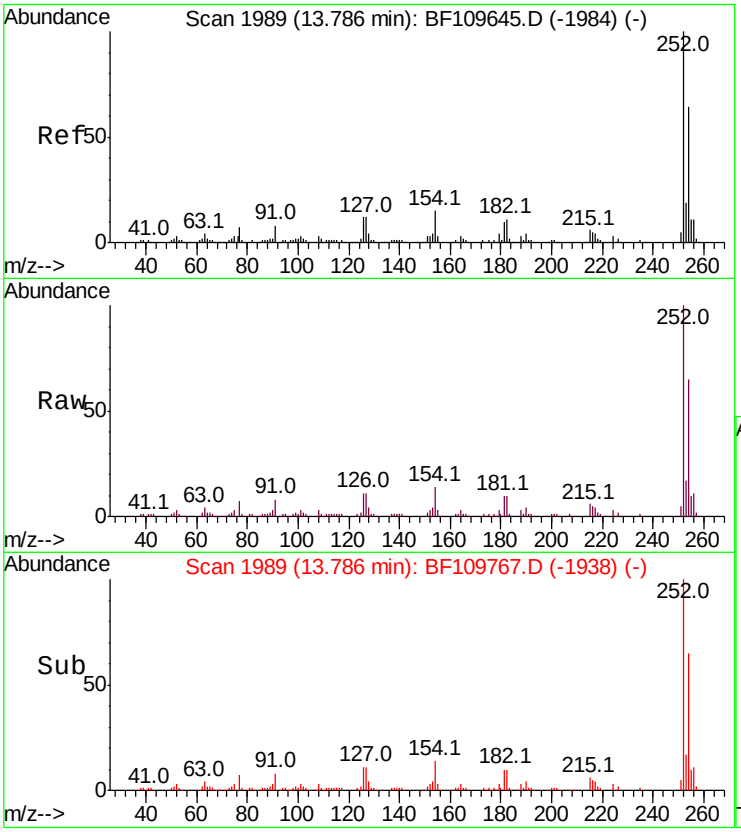


#80
Benzo(a)anthracene
Concen: 49.520 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:228 Resp: 531973

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	19.6	15.6	23.4

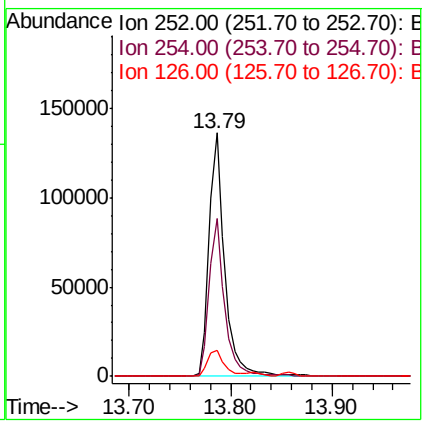




#81
3,3'-Dichlorobenzidine
Concen: 33.996 ng
RT: 13.79 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:252 Resp: 147055

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.3	76.9
126	10.8	9.4	14.2



Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

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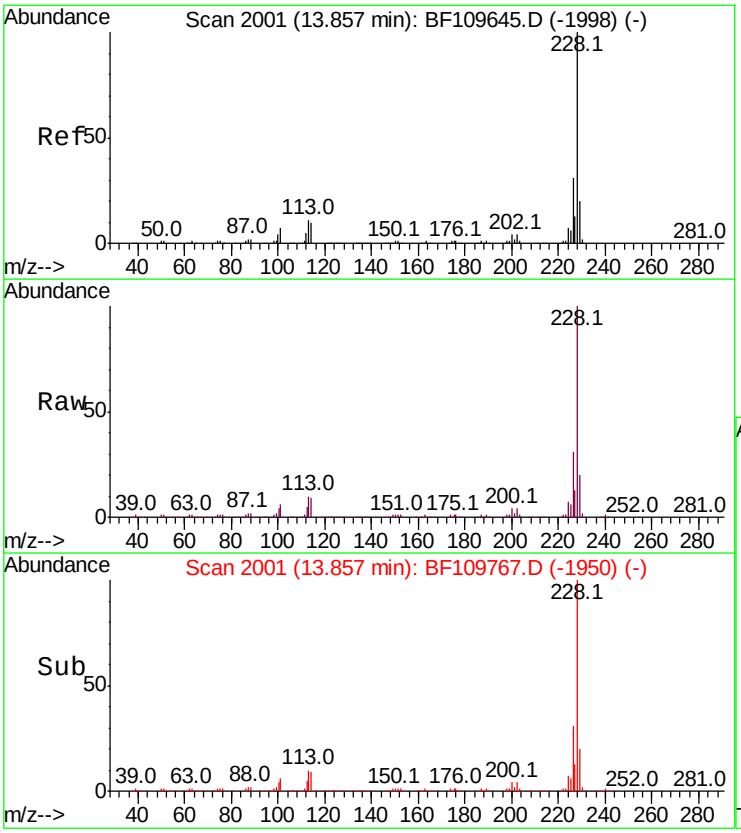
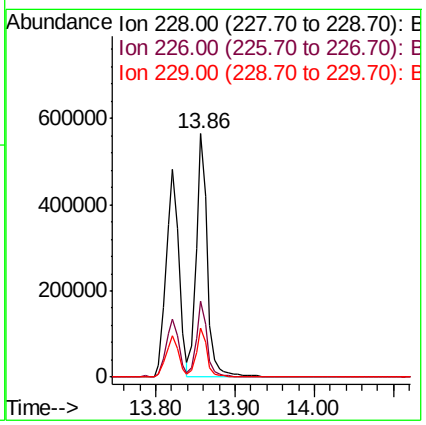
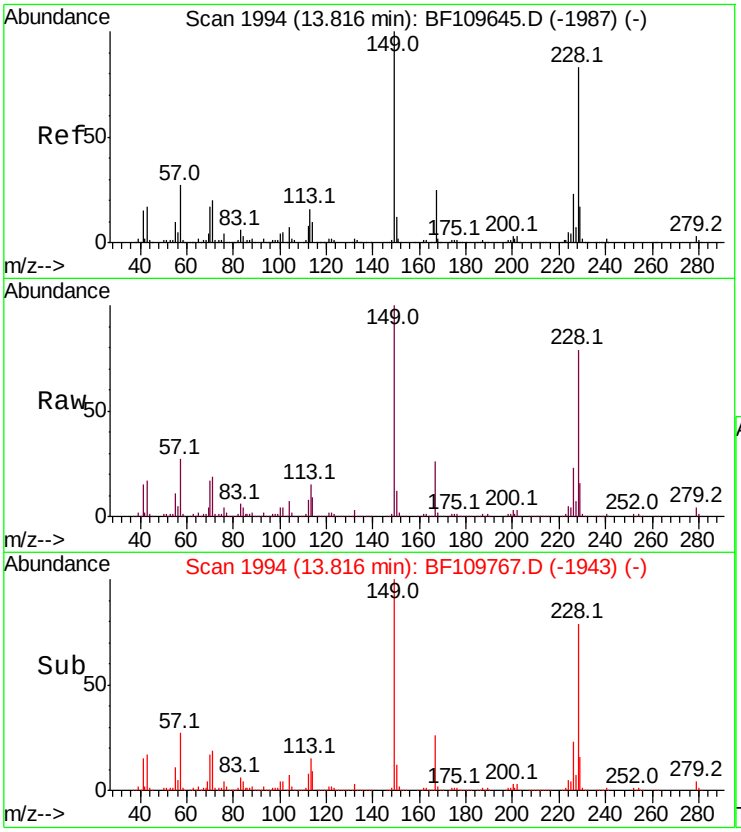


#82
Chrysene
Concen: 49.824 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:228 Resp: 562208

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.7	37.1
229	20.0	15.9	23.9





#83
Bis(2-ethylhexyl)phthalate
Concen: 50.412 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:149 Resp: 380321

Ion	Ratio	Lower	Upper
149	100		
167	25.5	19.8	29.8
279	3.8	2.7	4.1

Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

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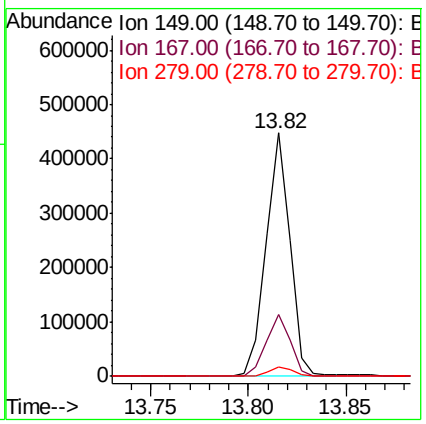
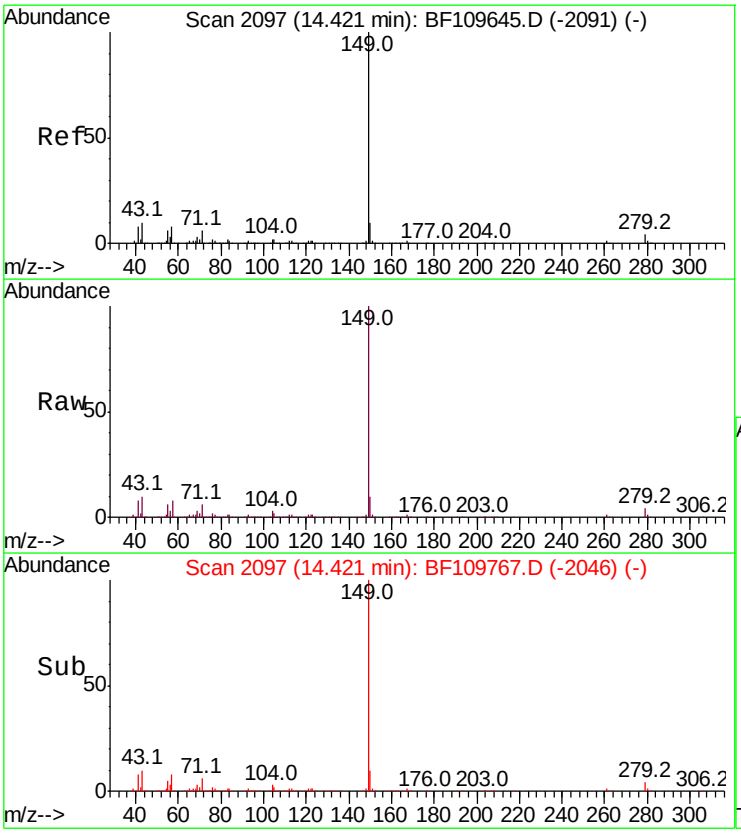
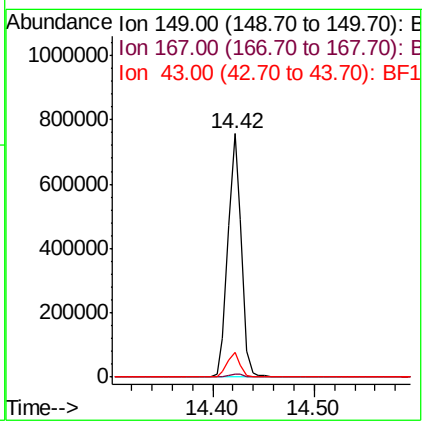


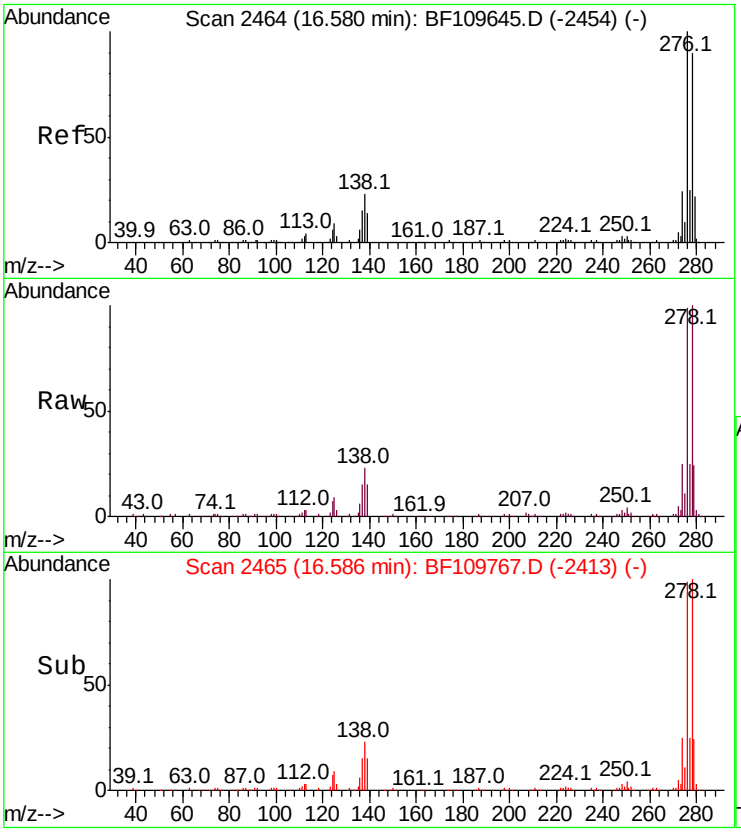


#84
Di-n-octyl phthalate
Concen: 58.349 ng
RT: 14.42 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:149 Resp: 695805

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	9.4	7.8	11.8

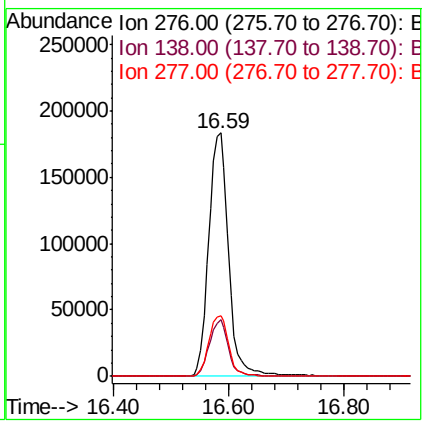




#85
Indeno(1,2,3-cd)pyrene
Concen: 54.747 ng
RT: 16.59 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:276 Resp: 442167

Ion	Ratio	Lower	Upper
276	100		
138	22.5	18.5	27.7
277	25.0	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

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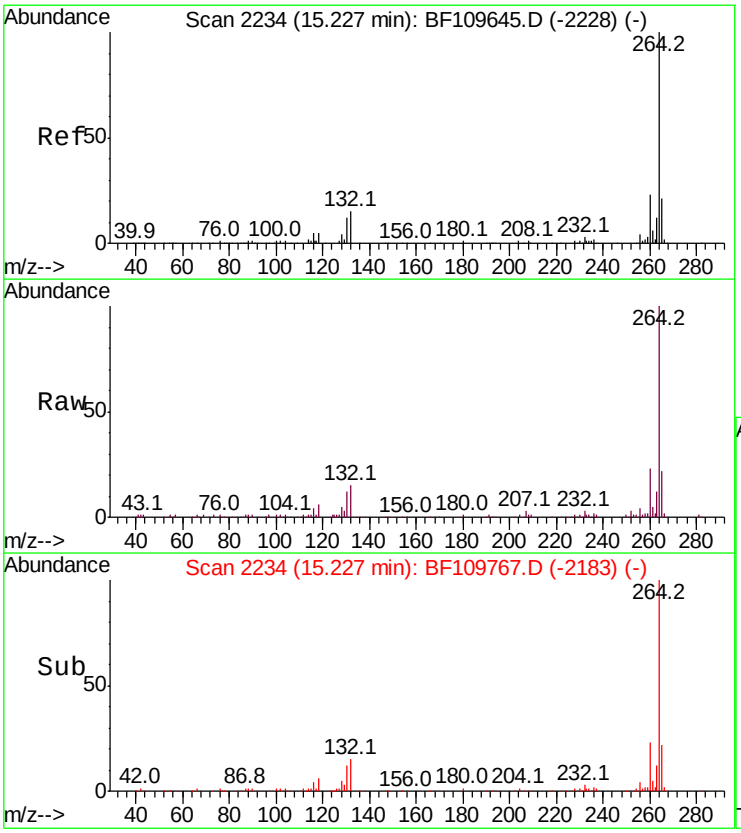
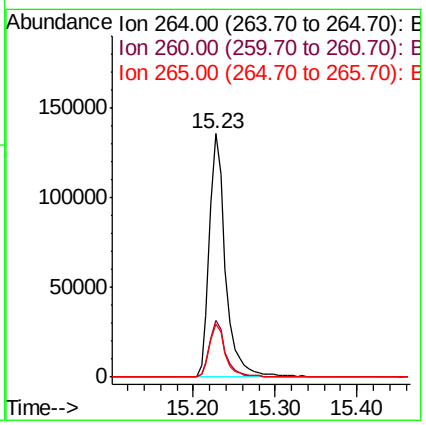
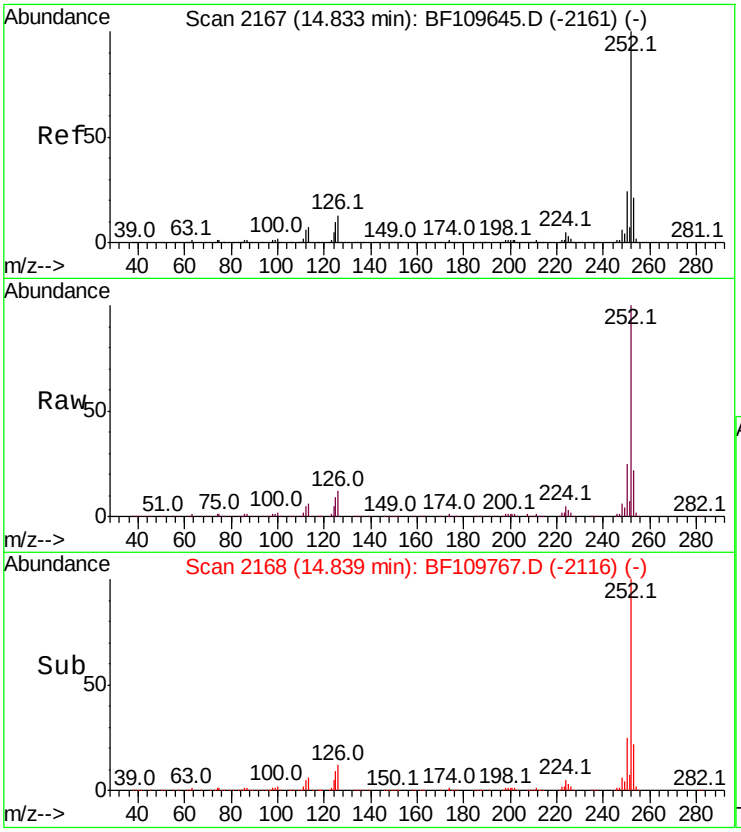


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:264 Resp: 187562

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.5	16.7	25.1

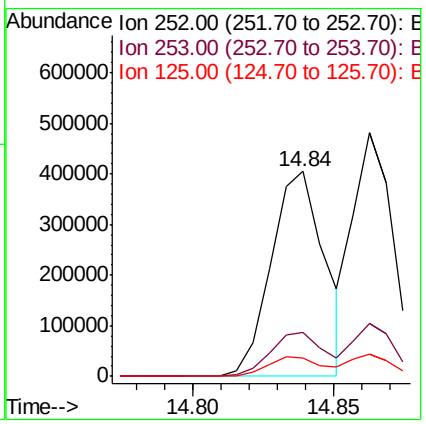




#87
Benzo(b)fluoranthene
Concen: 51.153 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:252 Resp: 530199

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.0	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

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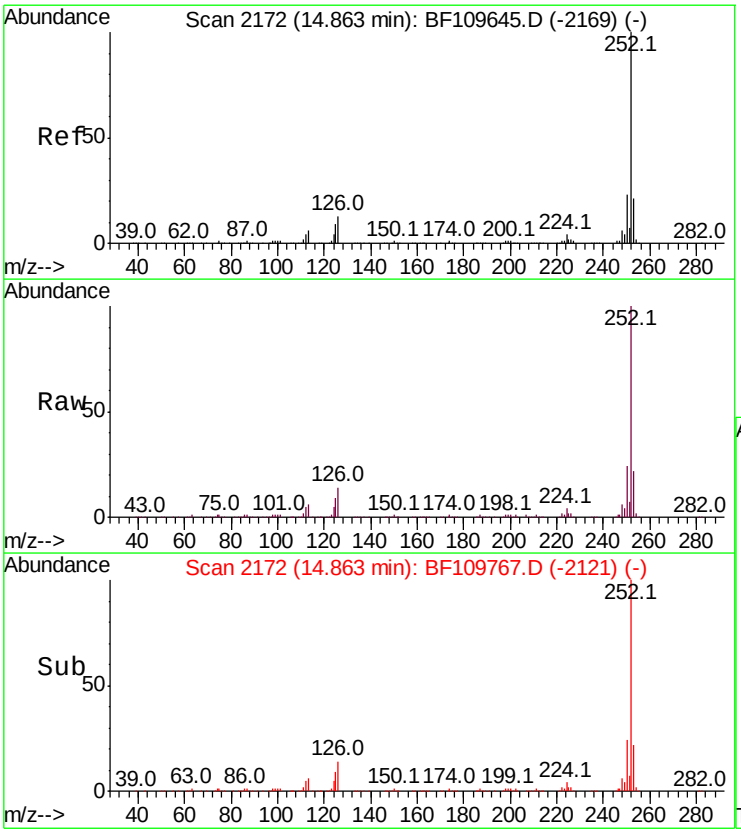
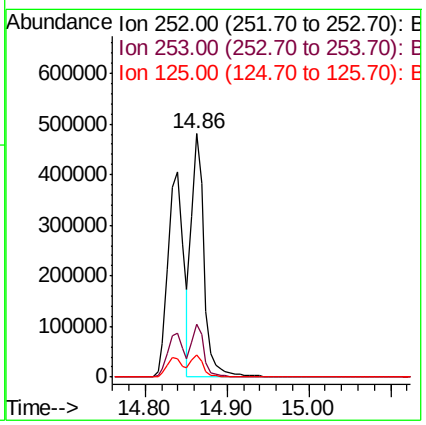
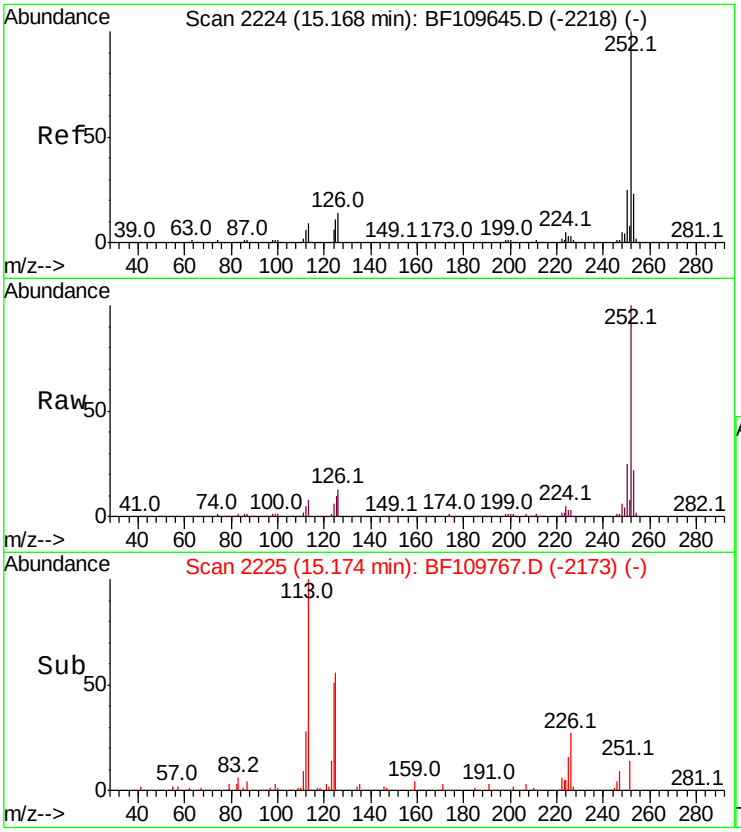


#88
Benzo(k)fluoranthene
Concen: 49.153 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:252 Resp: 511897

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	9.4	7.4	11.0

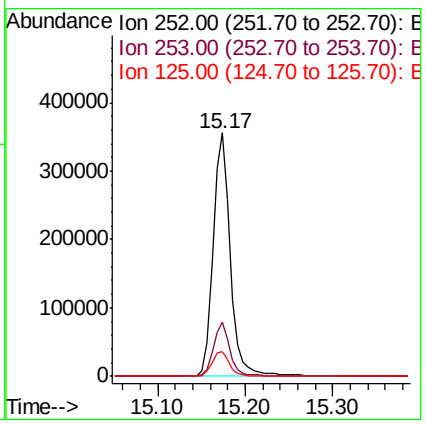




#89
Benzo(a)pyrene
Concen: 51.414 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:252 Resp: 483598

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.3	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

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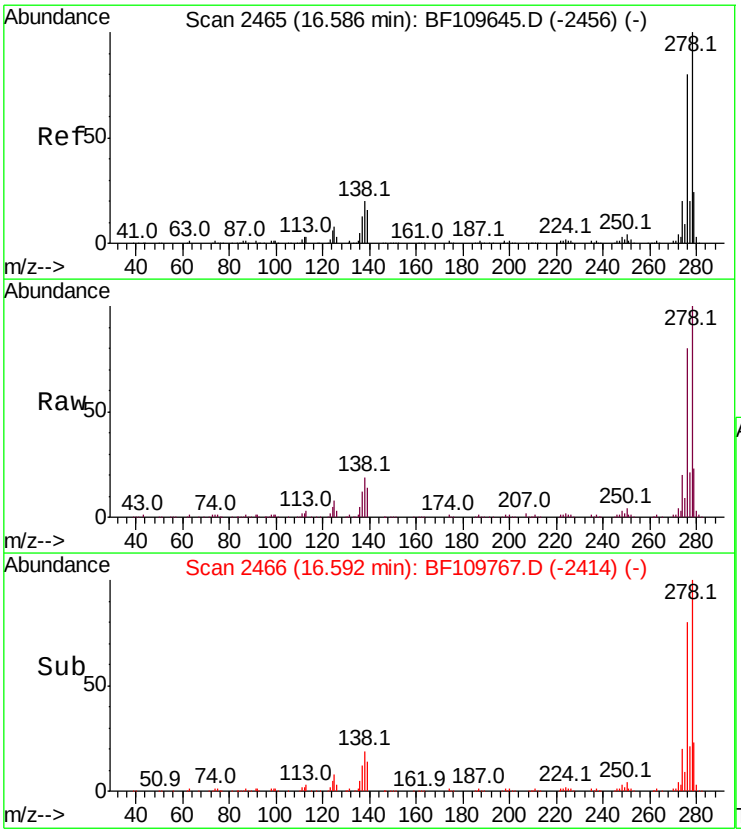
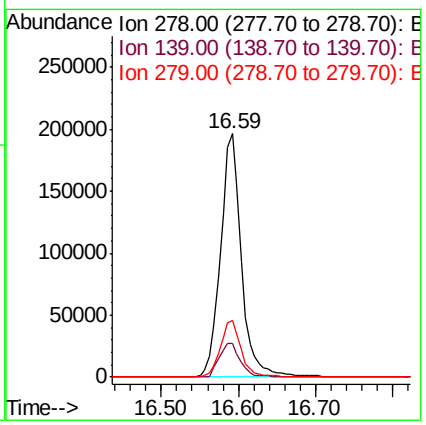
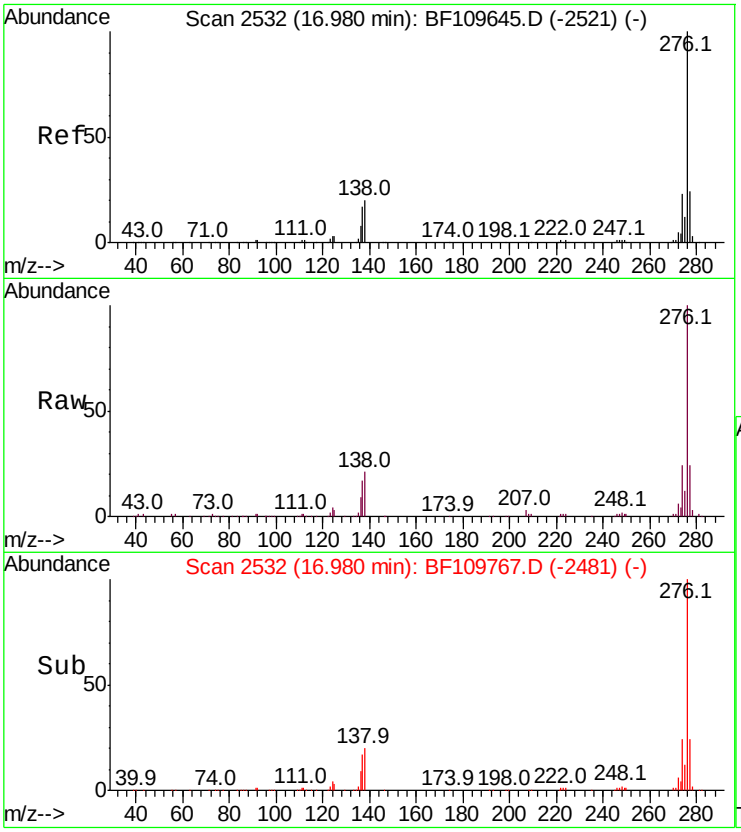


#90
Dibenzo(a,h)anthracene
Concen: 48.082 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:278 Resp: 371431

Ion	Ratio	Lower	Upper
278	100		
139	14.0	12.7	19.1
279	23.2	19.0	28.4

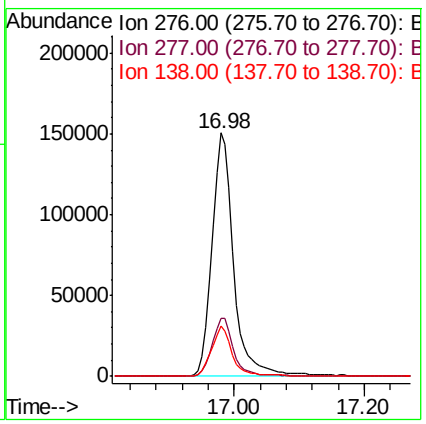




#91
Benzo(g,h,i)perylene
Concen: 44.954 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.00 min
Lab File: BF109767.D
Acq: 11 Oct 2018 3:25

Tgt Ion:276 Resp: 346779

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	20.6	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MSD

Manual Integrations APPROVED
Sohil
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