Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
Data File : BF109657.D
Acq On : 8 Oct 2018 19:37
Operator : JU/SJ
Sample : J5270-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCK-PILE-B

Quant Time: Oct 09 04:03:34 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	97327	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	362084	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	147854	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	237256	20.00	ng		0.00
75) Chrysene-d12	13.83	240	198096	20.00	ng		0.00
86) Perylene-d12	15.23	264	178346	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	563051	102.69	ng		0.00
7) Phenol-d6	6.35	99	722163	98.59	ng		0.00
23) Nitrobenzene-d5	7.26	82	460821	70.16	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	111964	69.50	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	659730	61.45	ng		0.00
78) Terphenyl-d14	12.78	244	449314	43.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	109	0.038	ng	#	23
4) n-Nitrosodimethylamine	3.09	42	738	0.344	ng	#	1
6) Aniline	6.36	93	463	0.054	ng	#	1
9) Benzaldehyde	6.25	77	2756	0.585	ng	#	1
10) Phenol	6.36	94	12404	1.477	ng	#	46
11) bis(2-Chloroethyl)ether	6.47	93	810	0.116	ng	#	1
12) 1,3-Dichlorobenzene	6.72	146	1849	0.240	ng	#	24
13) 1,4-Dichlorobenzene	6.72	146	1849	0.220	ng	#	73
14) 1,2-Dichlorobenzene	6.87	146	153	0.021	ng	#	1
15) Benzyl Alcohol	6.85	79	8945	1.647	ng	#	51
16) 2,2'-oxybis(1-Chloropropan	6.97	45	327	0.035	ng	#	1
17) 2-Methylphenol	6.98	107	1119	0.210	ng	#	1
18) Hexachloroethane	7.23	117	5123	1.724	ng	#	1
19) n-Nitroso-di-n-propylamine	7.23	70	2529	0.492	ng	#	75
20) 3+4-Methylphenols	7.11	107	118	0.018	ng	#	1
22) Acetophenone	7.09	105	16294	1.861	ng	#	55
24) Nitrobenzene	7.27	77	3917	0.573	ng	#	61
25) Isophorone	7.26	82	453525	41.579	ng	#	67
27) 2,4-Dimethylphenol	7.67	122	4895	1.060	ng		97
28) bis(2-Chloroethoxy)methane	7.74	93	494	0.067	ng	#	1
29) 2,4-Dichlorophenol	7.83	162	154	0.030	ng	#	25
31) Naphthalene	8.00	128	254044	15.171	ng		99
32) Benzoic acid	7.79	122	2798	0.848	ng	#	54
33) 4-Chloroaniline	8.00	127	35010	4.748	ng	#	35
35) Caprolactam	8.44	113	451	0.292	ng	#	1
36) 4-Chloro-3-methylphenol	8.55	107	463	0.085	ng	#	22
37) 2-Methylnaphthalene	8.69	142	210344	19.176	ng		99
45) 1,1'-Biphenyl	9.15	154	32371	2.451	ng		99
46) 2-Chloronaphthalene	9.22	162	1654	0.167	ng		95
47) 2-Nitroaniline	9.28	65	319	0.106	ng	#	1
48) Acenaphthylene	9.59	152	5642	0.391	ng	#	22
49) Dimethylphthalate	9.45	163	47485	4.379	ng		98
50) 2,6-Dinitrotoluene	9.53	165	2759	1.174	ng	#	56
51) Acenaphthene	9.76	154	11561	1.352	ng		91

Quantitation Report (Not Reviewed)

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Data File : BF109657.D
Acq On : 8 Oct 2018 19:37
Operator : JU/SJ
Sample : J5270-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCK-PILE-B

Quant Time: Oct 09 04:03:34 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)
52) 3-Nitroaniline	9.67	138	708	0.269	ng	#	37
53) 2,4-Dinitrophenol	10.01	184	1813	2.391	ng	#	56
54) Dibenzofuran	9.93	168	68932	5.377	ng	#	93
55) 4-Nitrophenol	9.83	139	2347	1.627	ng	#	76
56) 2,4-Dinitrotoluene	9.93	165	1424	0.485	ng	#	1
57) Fluorene	10.27	166	17954	1.875	ng	#	82
59) Diethylphthalate	10.15	149	2573	0.239	ng	#	63
60) 4-Chlorophenyl-phenylether	10.21	204	108	0.021	ng	#	1
61) 4-Nitroaniline	10.31	138	216	0.089	ng	#	14
62) Azobenzene	10.43	77	3360	0.308	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.54	198	3717	3.219	ng	#	75
65) n-Nitrosodiphenylamine	10.39	169	15795	1.964	ng	#	45
66) 4-Bromophenyl-phenylether	10.51	248	6505	2.386	ng	#	1
68) Atrazine	10.92	200	952	0.379	ng	#	1
70) Phenanthrene	11.23	178	166379	14.013	ng		99
71) Anthracene	11.23	178	166379	13.556	ng		99
72) Carbazole	11.45	167	8604	0.723	ng	#	76
73) Di-n-butylphthalate	11.77	149	7184	0.520	ng	#	77
74) Fluoranthene	12.41	202	114133	9.201	ng		99
76) Benzidine	12.52	184	616	0.084	ng	#	1
77) Pyrene	12.63	202	105115	7.242	ng		98
79) Butylbenzylphthalate	13.25	149	2861	0.455	ng	#	69
80) Benzo(a)anthracene	13.82	228	66558	6.089	ng	#	91
81) 3,3'-Dichlorobenzidine	13.78	252	421	0.096	ng	#	1
82) Chrysene	13.85	228	77888	6.783	ng	#	95
83) Bis(2-ethylhexyl)phthalate	13.82	149	25865	3.369	ng	#	96
84) Di-n-octyl phthalate	14.40	149	17177	1.416	ng	#	12
85) Indeno(1,2,3-cd)pyrene	16.58	276	25162	3.062	ng	#	67
87) Benzo(b)fluoranthene	14.83	252	80392	8.157	ng	#	89
88) Benzo(k)fluoranthene	14.83	252	80392	8.118	ng	#	88
89) Benzo(a)pyrene	15.17	252	38020	4.251	ng	#	90
90) Dibenzo(a,h)anthracene	16.60	278	12329	1.678	ng	#	1
91) Benzo(g,h,i)perylene	16.98	276	21471	2.927	ng		98

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

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Operator : JU/SJ
Sample : J5270-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Oct 09 04:03:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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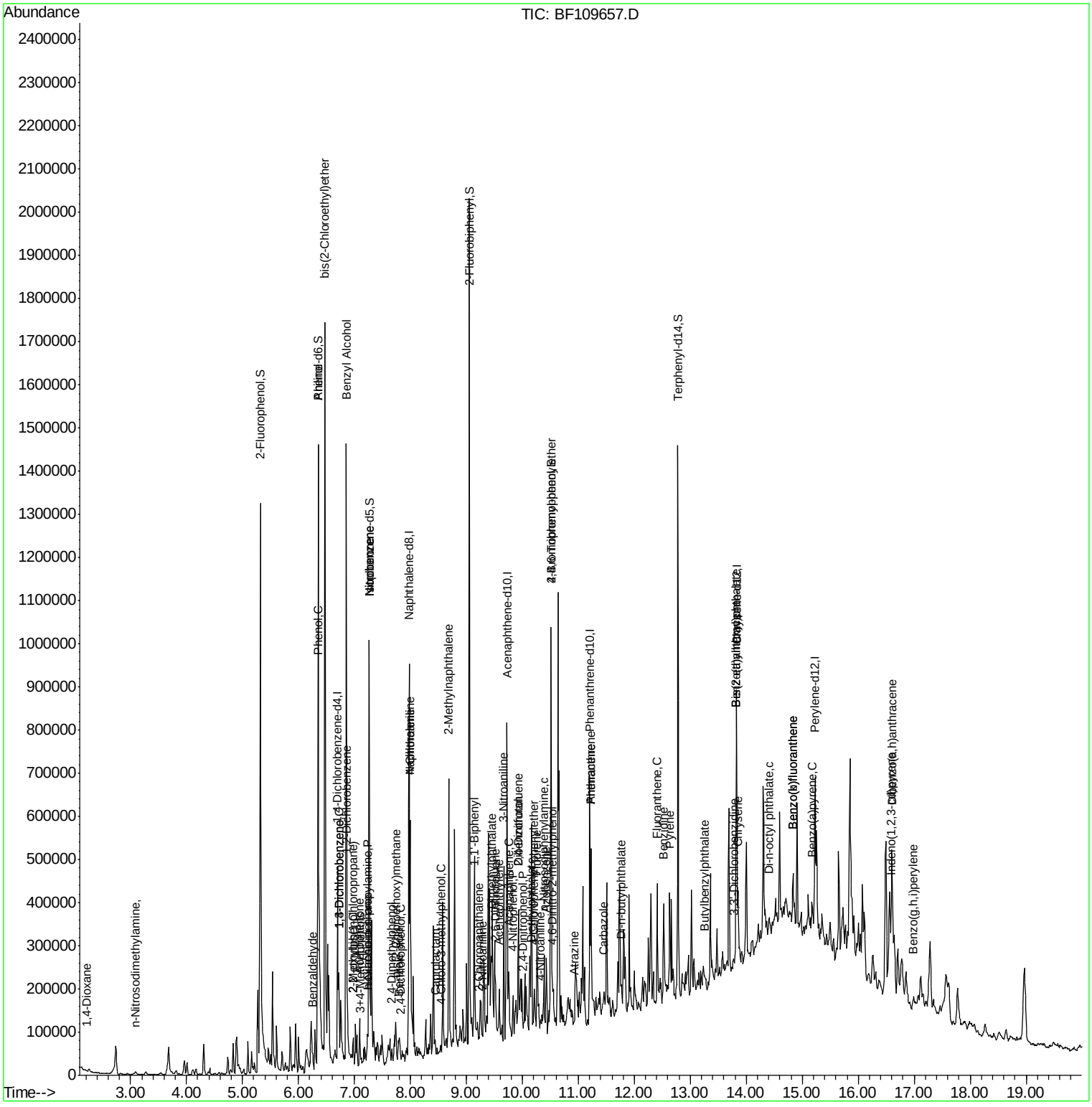
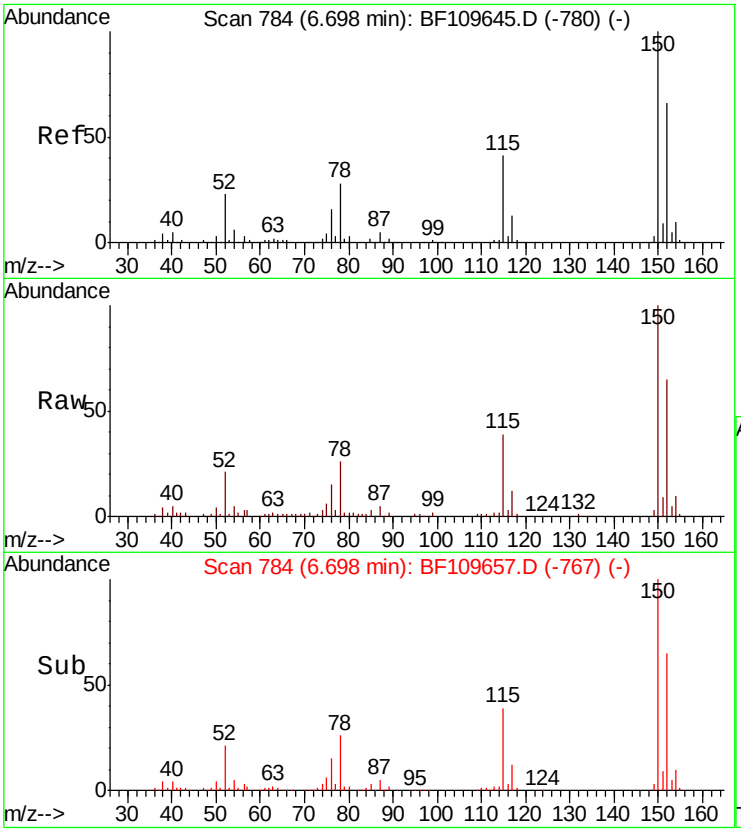


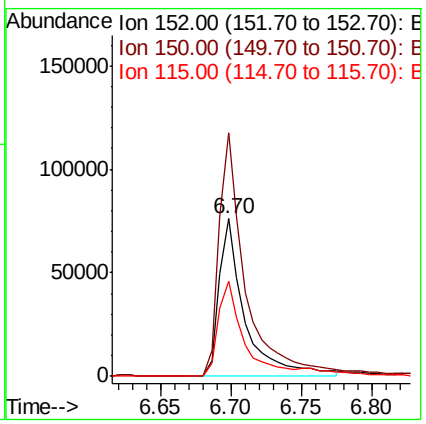


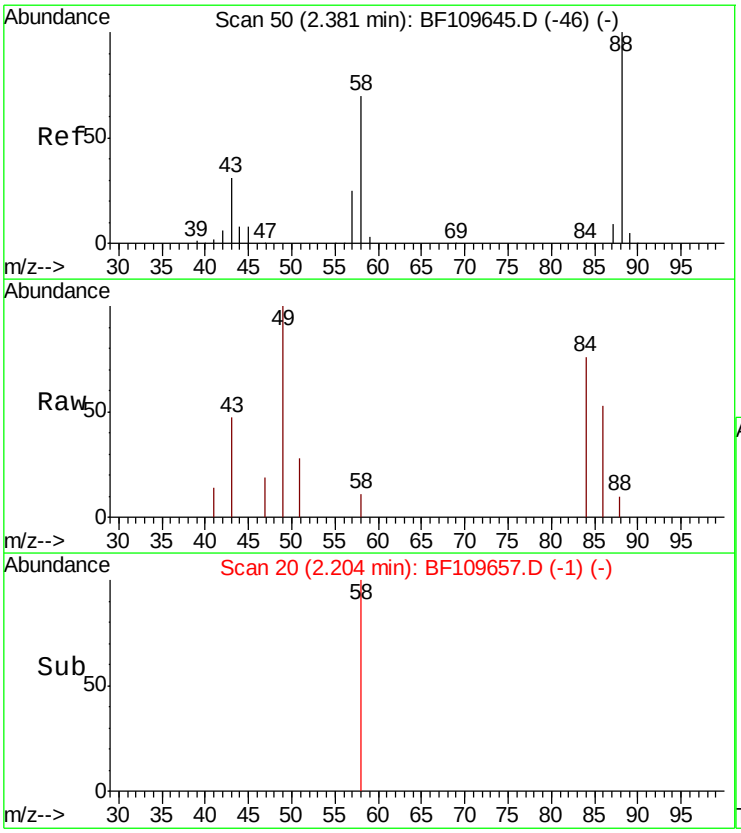
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:152 Resp: 97327

Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.7	184.1
115	60.0	49.1	73.7

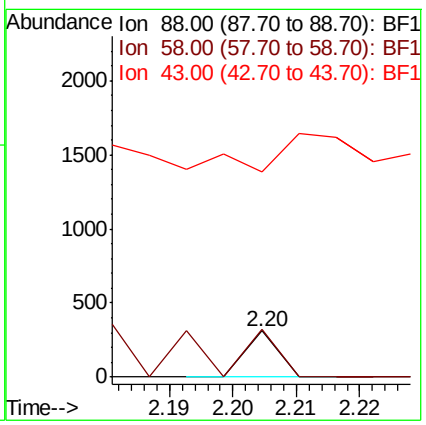


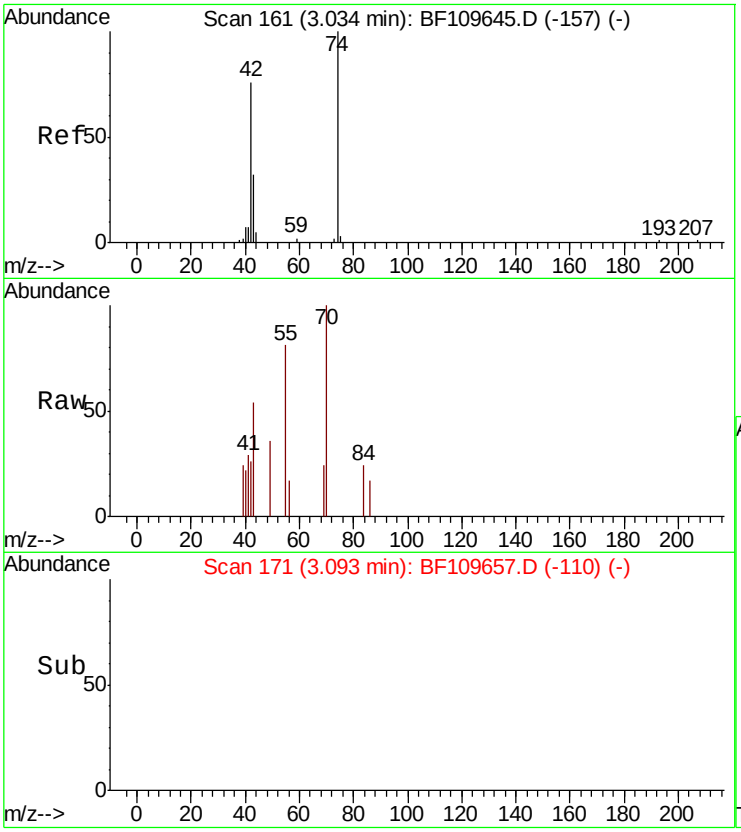


#2
1,4-Dioxane
Concen: 0.038 ng
RT: 2.20 min Scan# 20
Delta R.T. -0.18 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion: 88 Resp: 109

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



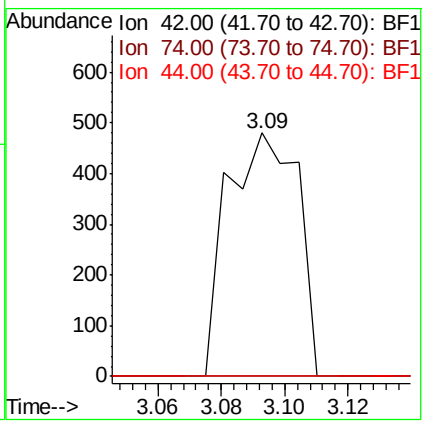


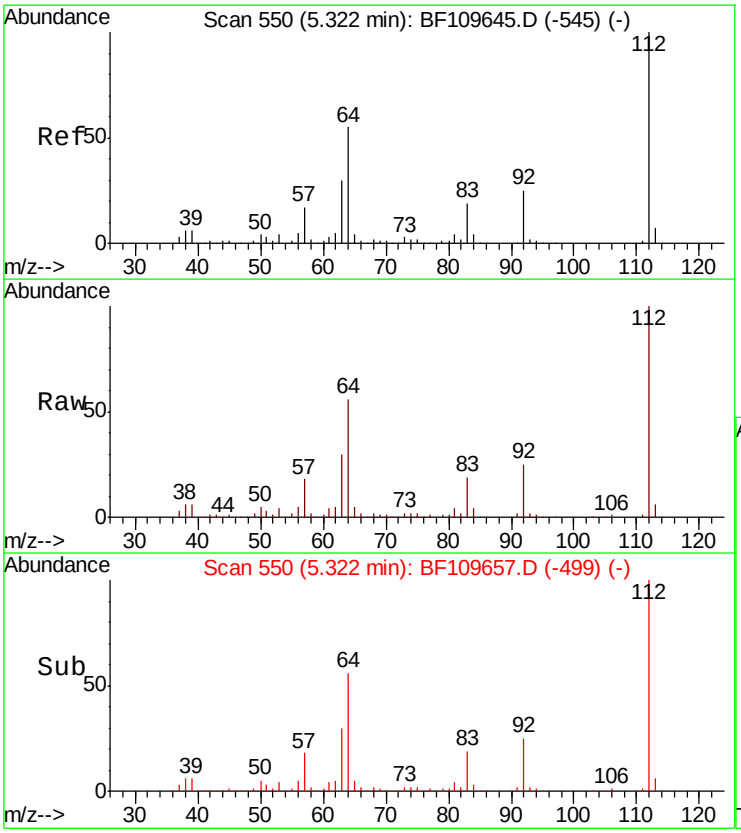
#4
n-Nitrosodimethylamine
Concen: 0.344 ng
RT: 3.09 min Scan# 171
Delta R.T. 0.06 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion: 42 Resp: 738

Ion	Ratio	Lower	Upper
42	100		
74	0.0	105.5	158.3#
44	0.0	4.9	7.3#

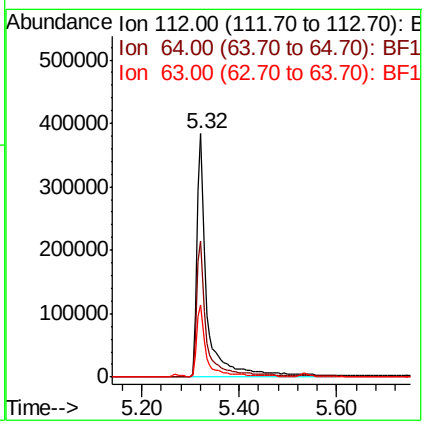


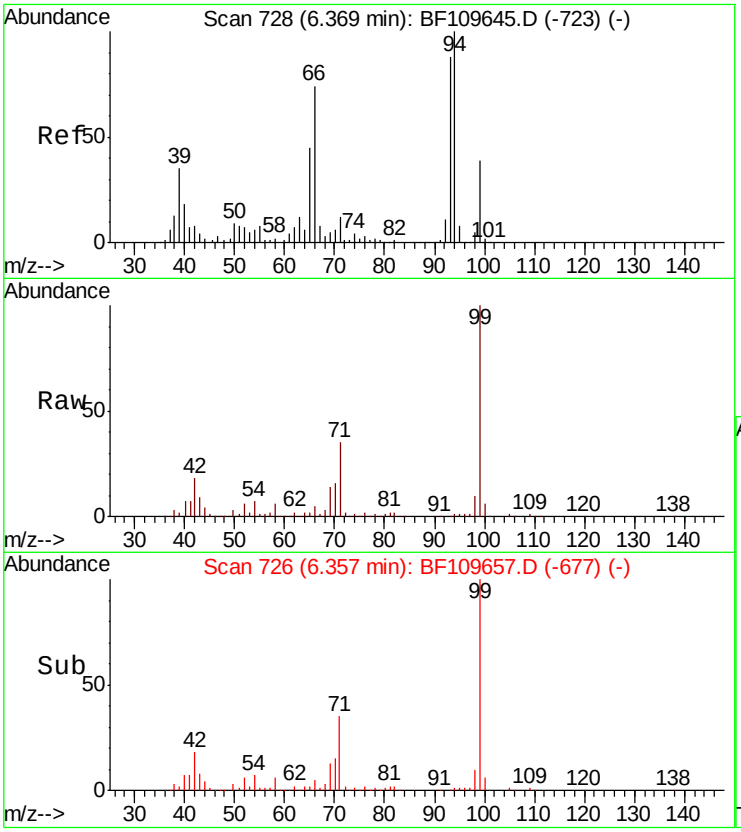


#5
2-Fluorophenol
Concen: 102.688 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:112 Resp: 563051

Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.1	66.1
63	29.5	23.7	35.5



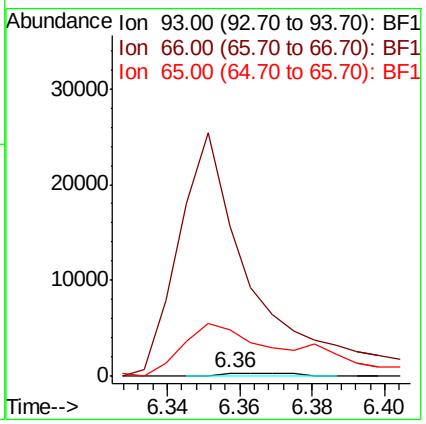


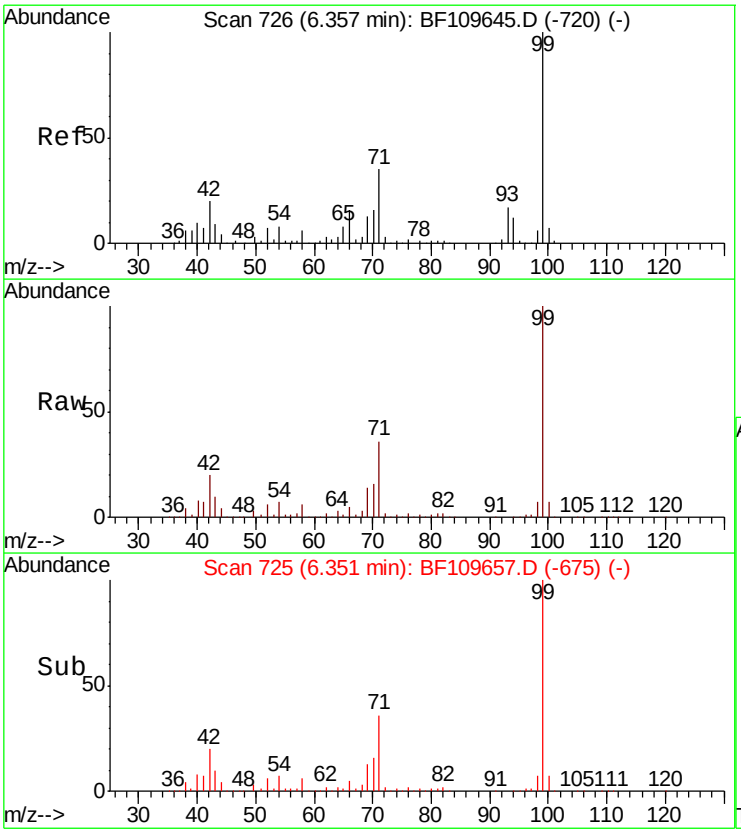
#6
Aniline
Concen: 0.054 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion: 93 Resp: 463

Ion	Ratio	Lower	Upper
93	100		
66	4552.6	67.4	101.0#
65	1408.4	41.0	61.4#

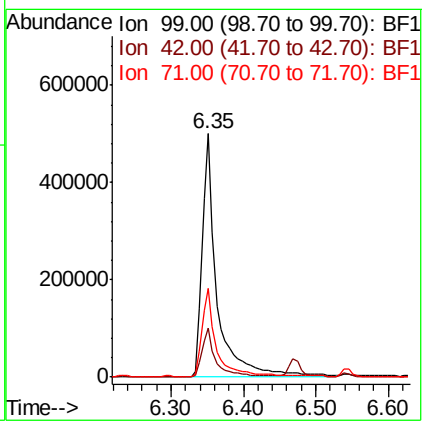


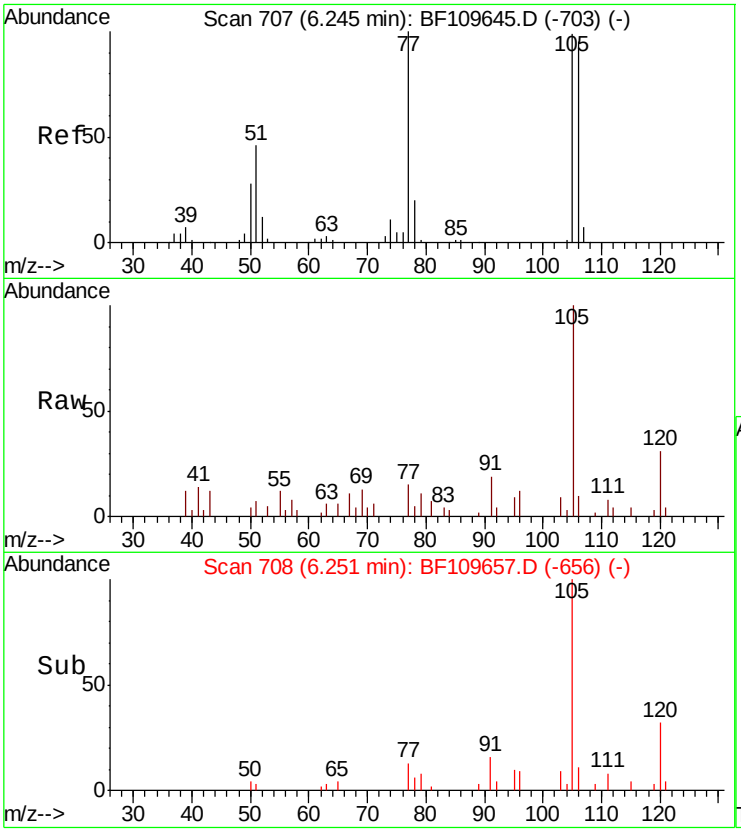


#7
Phenol-d6
Concen: 98.591 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion: 99 Resp: 722163

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.8	23.6
71	36.4	28.0	42.0



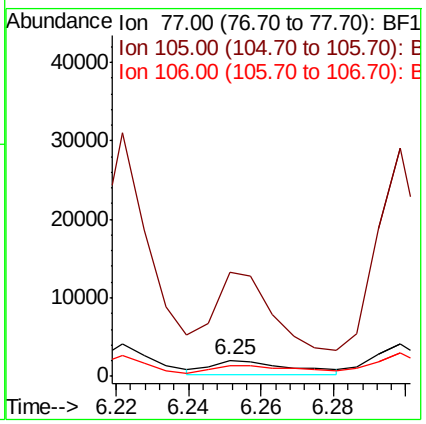


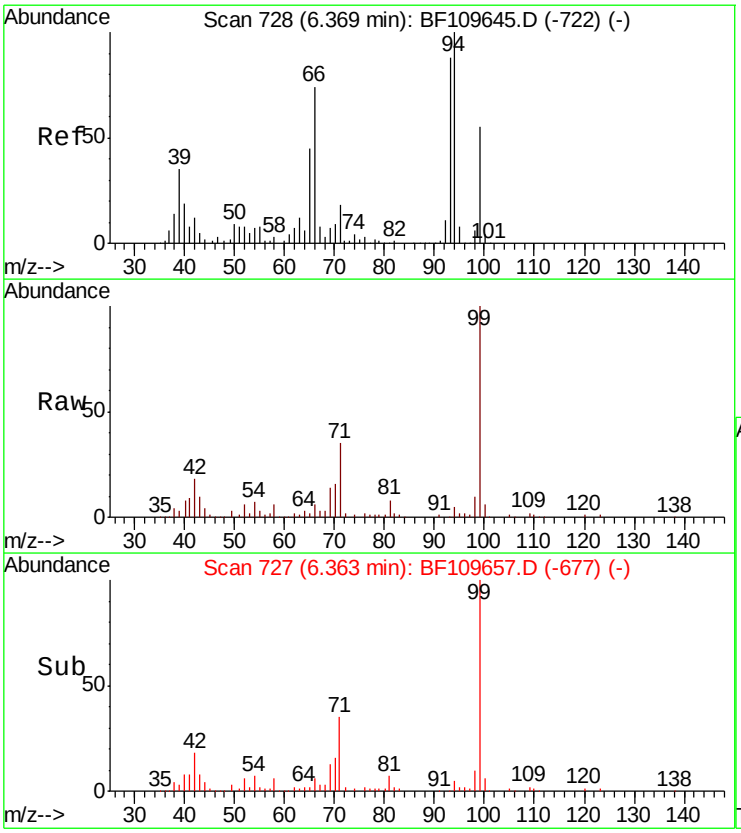
#9
Benzaldehyde
Concen: 0.585 ng
RT: 6.25 min Scan# 708
Delta R.T. 0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion: 77 Resp: 2756

Ion	Ratio	Lower	Upper
77	100		
105	655.2	78.6	118.6#
106	68.2	74.8	114.8#

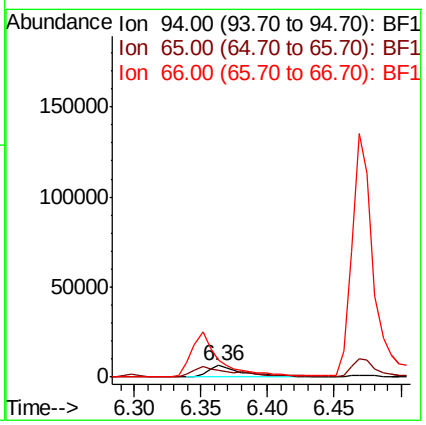


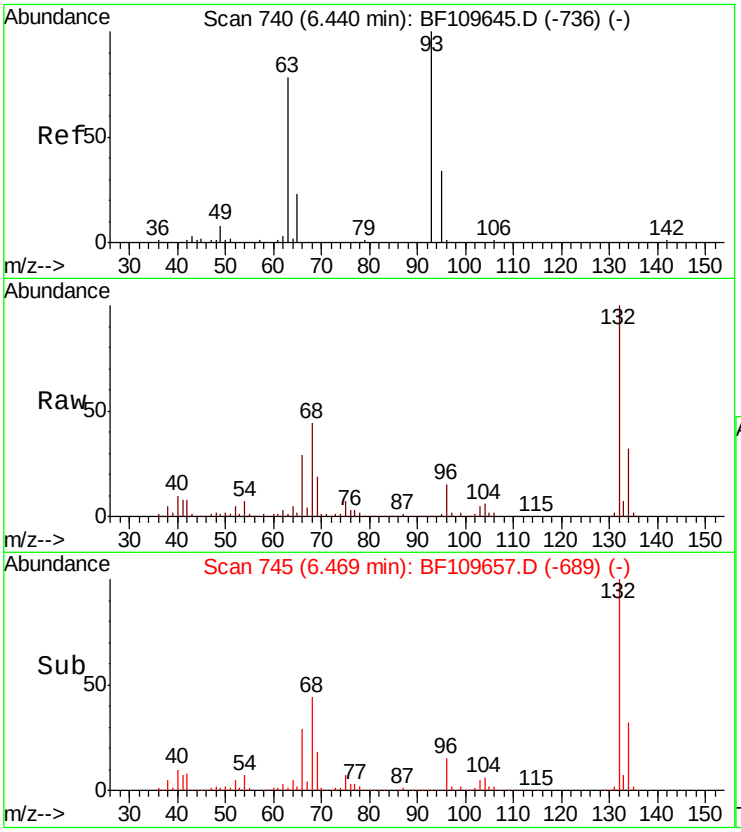


#10
Phenol
Concen: 1.477 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion: 94 Resp: 12404

Ion	Ratio	Lower	Upper
94	100		
65	53.5	25.3	65.3
66	141.1	54.5	94.5#



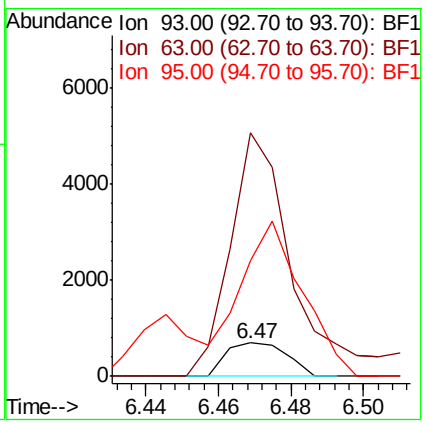


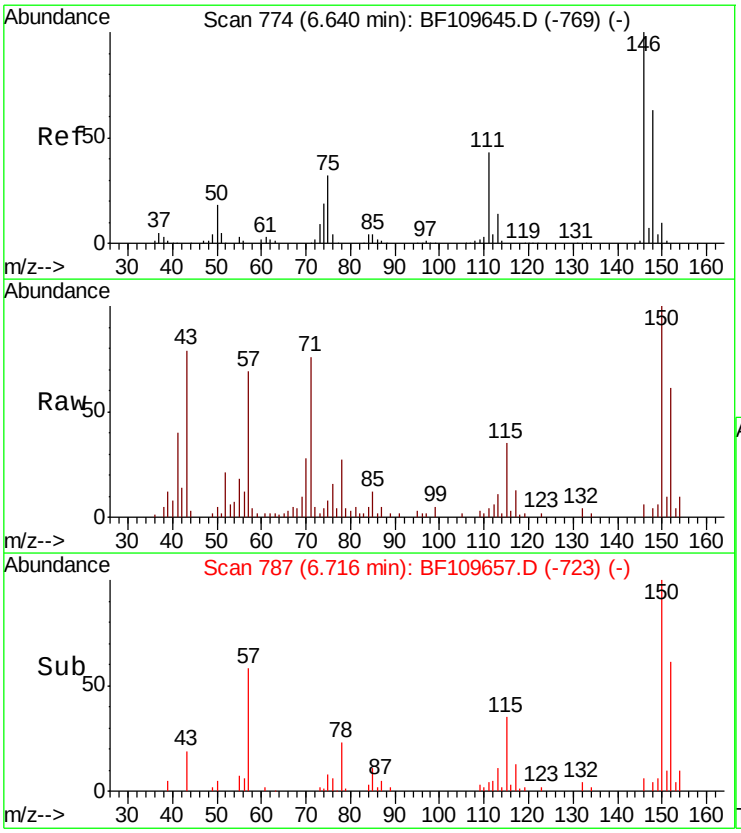
#11
bis(2-Chloroethyl)ether
Concen: 0.116 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.03 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion: 93 Resp: 810

Ion	Ratio	Lower	Upper
93	100		
63	726.9	53.4	93.4#
95	345.1	12.1	52.1#

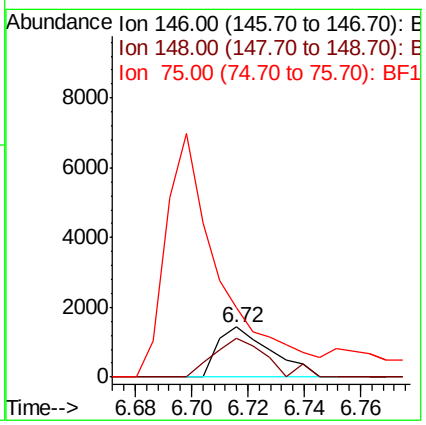


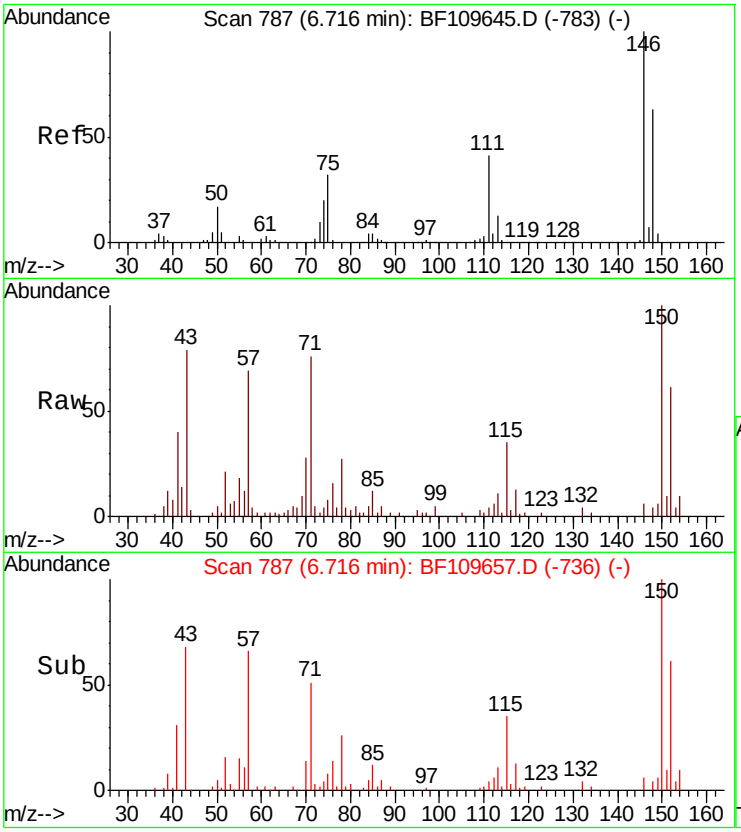


#12
1,3-Dichlorobenzene
Concen: 0.240 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.08 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:146 Resp: 1849

Ion	Ratio	Lower	Upper
146	100		
148	76.5	50.4	75.6#
75	139.7	25.8	38.6#



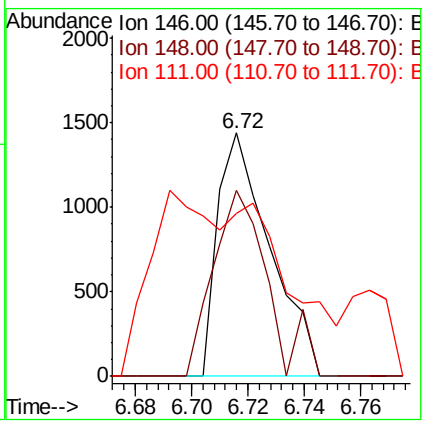


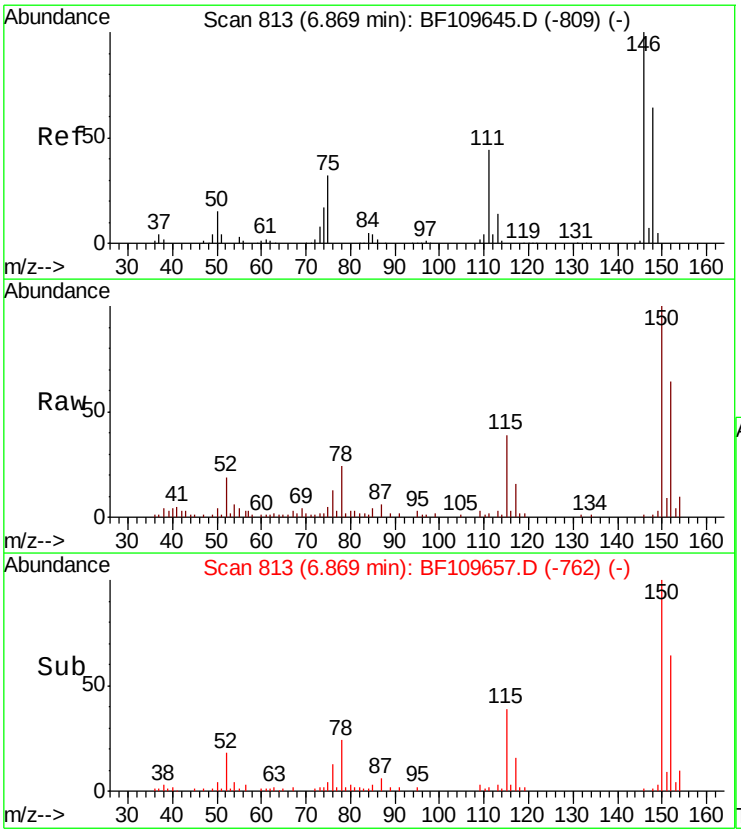
#13
1,4-Dichlorobenzene
Concen: 0.220 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:146 Resp: 1849

Ion	Ratio	Lower	Upper
146	100		
148	76.5	50.3	75.5#
111	67.1	32.7	49.1#

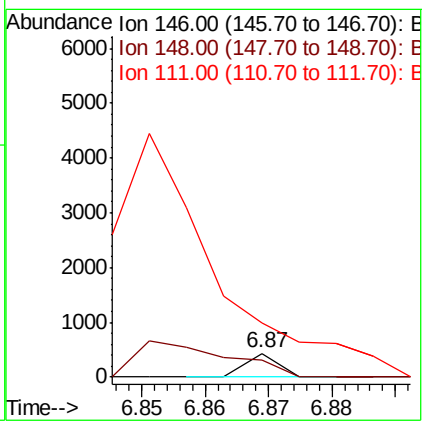


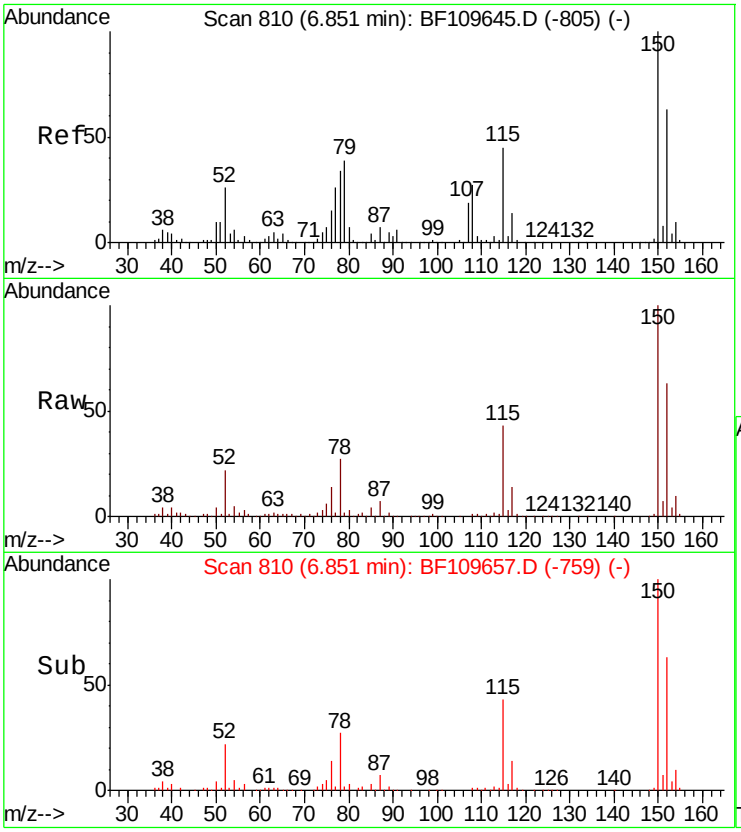


#14
1,2-Dichlorobenzene
Concen: 0.021 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:146 Resp: 153

Ion	Ratio	Lower	Upper
146	100		
148	74.0	51.1	76.7
111	227.4	35.8	53.6#



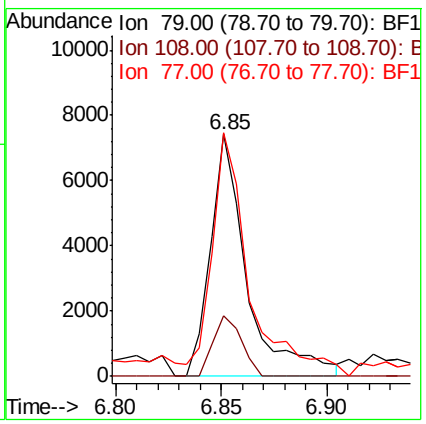


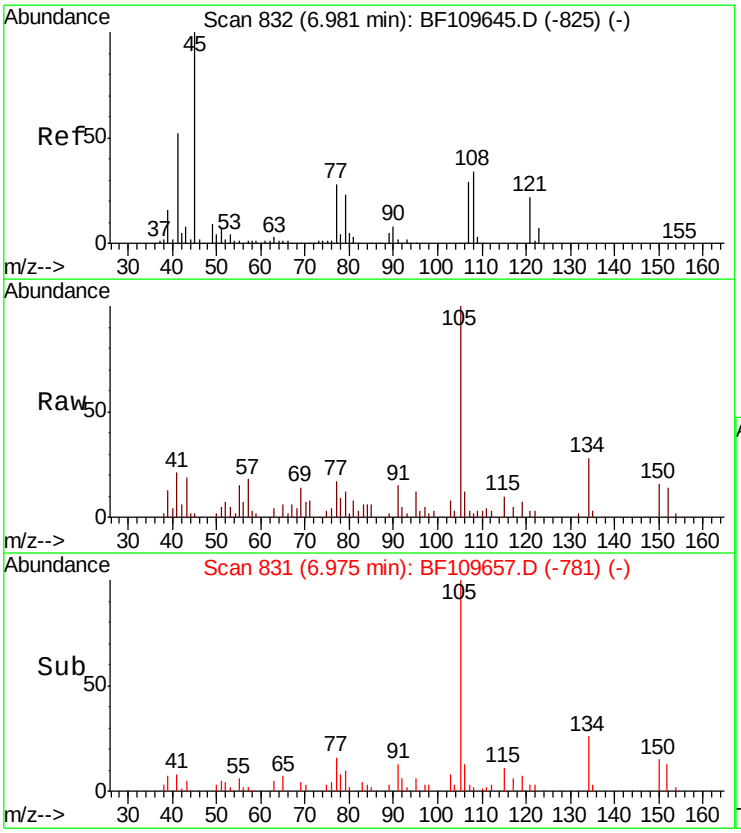
#15
Benzyl Alcohol
Concen: 1.647 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion: 79 Resp: 8945

Ion	Ratio	Lower	Upper
79	100		
108	25.0	56.3	84.5#
77	100.6	52.9	79.3#

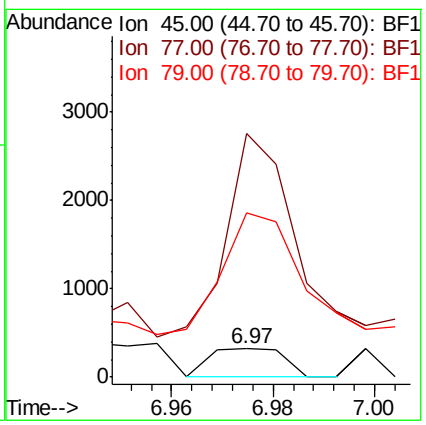


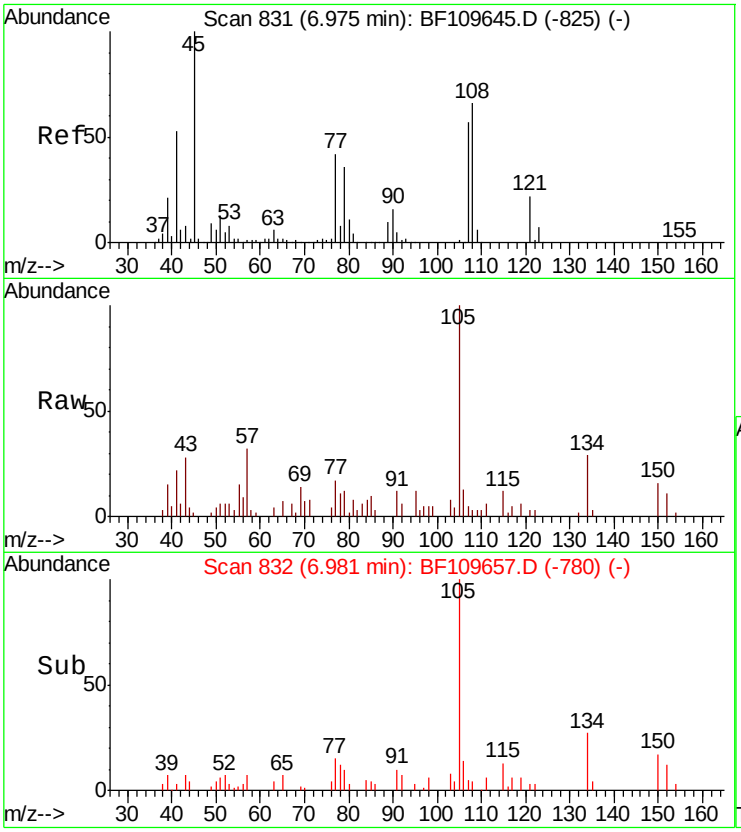


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.035 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion: 45 Resp: 327

Ion	Ratio	Lower	Upper
45	100		
77	869.7	10.0	50.0#
79	588.3	6.1	46.1#



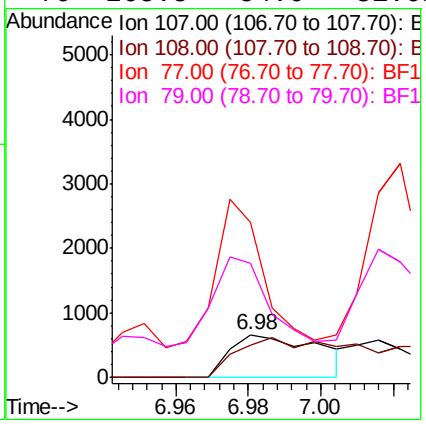


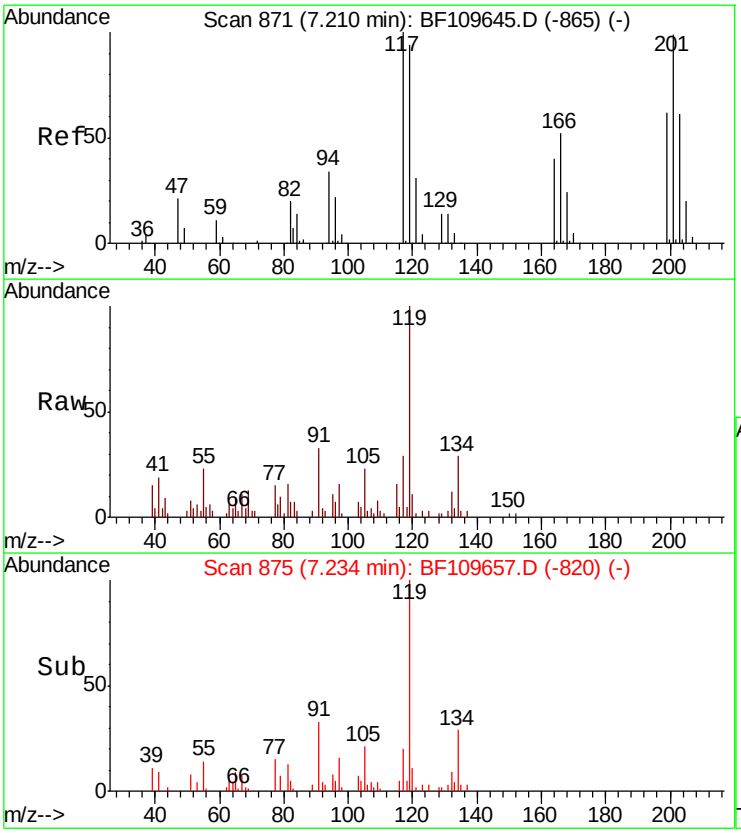
#17
2-Methylphenol
Concen: 0.210 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:107 Resp: 1119

Ion	Ratio	Lower	Upper
107	100		
108	75.7	92.6	138.8#
77	362.9	59.4	89.2#
79	265.5	54.0	81.0#

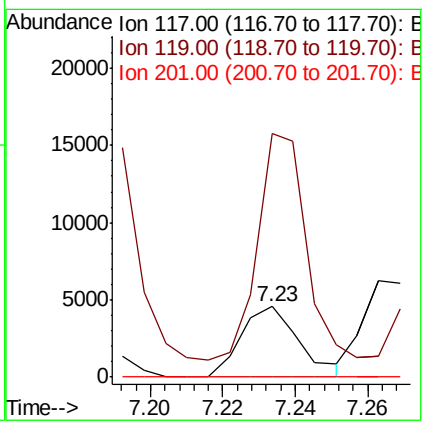


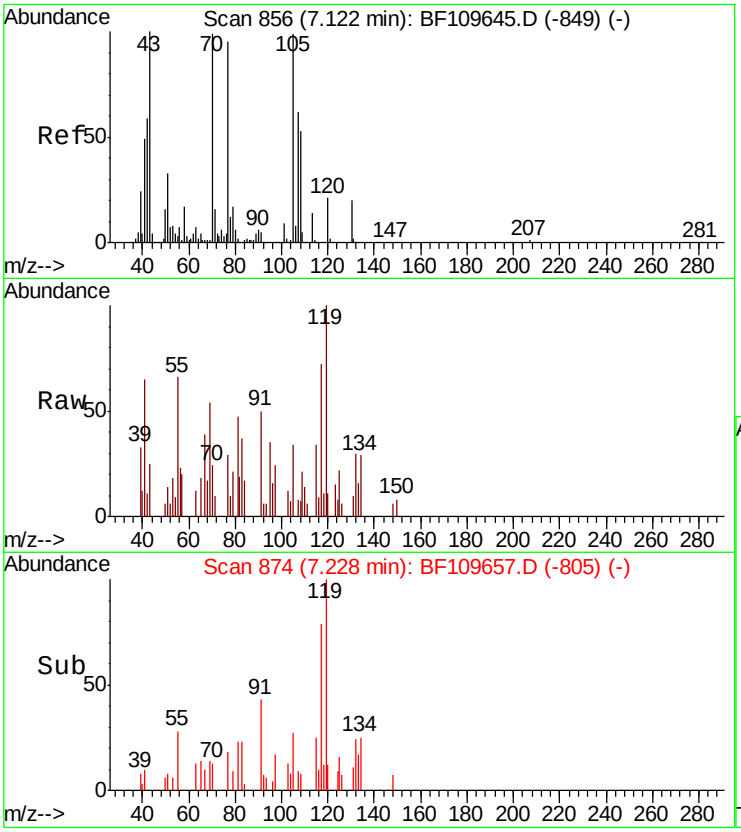


#18
Hexachloroethane
Concen: 1.724 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.02 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:117 Resp: 5123

Ion	Ratio	Lower	Upper
117	100		
119	345.4	75.0	112.6#
201	0.0	79.2	118.8#



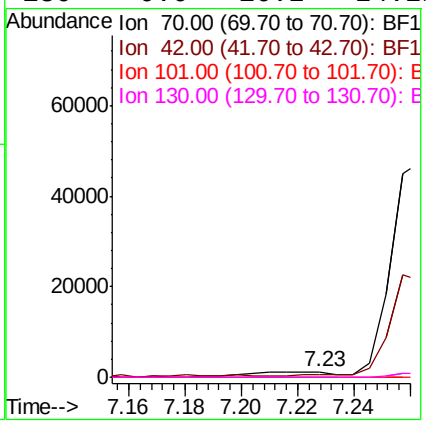


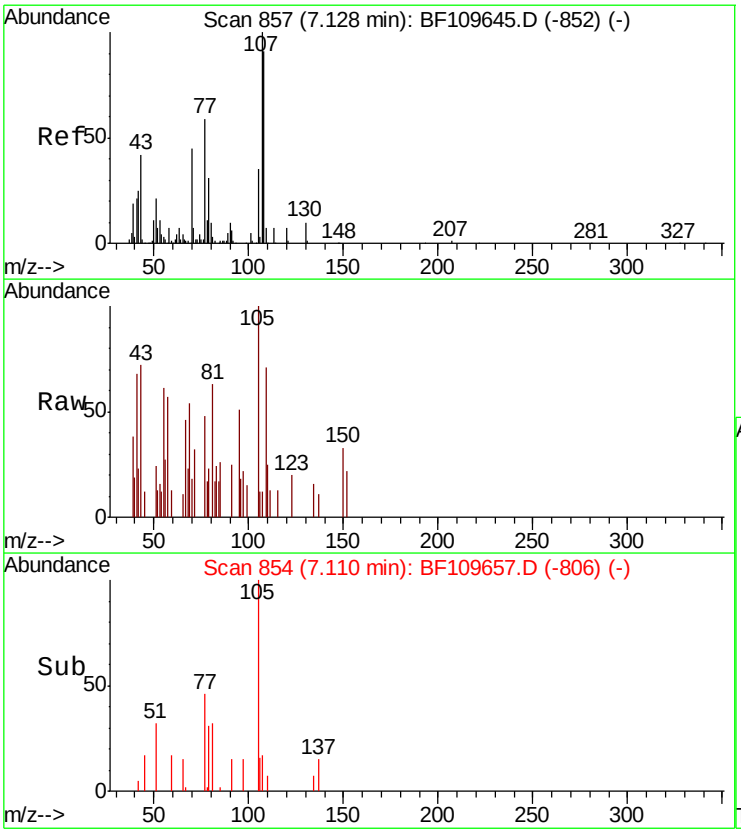
#19
n-Nitroso-di-n-propylamine
Concen: 0.492 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.11 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion: 70 Resp: 2529

Ion	Ratio	Lower	Upper
70	100		
42	45.3	47.4	71.2#
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#

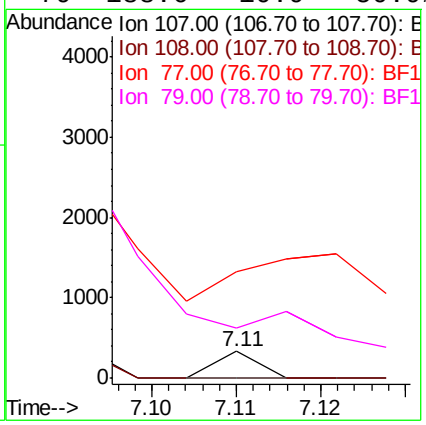


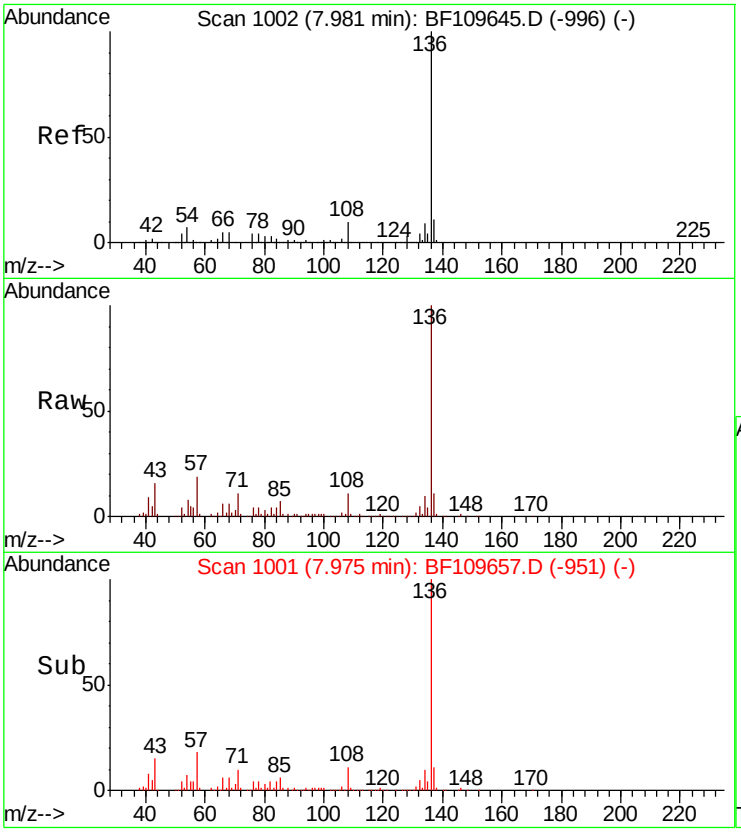


#20
3+4-Methylphenols
Concen: 0.018 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:107 Resp: 118

Ion	Ratio	Lower	Upper
107	100		
108	0.0	71.4	111.4#
77	395.8	47.3	87.3#
79	188.6	10.9	50.9#



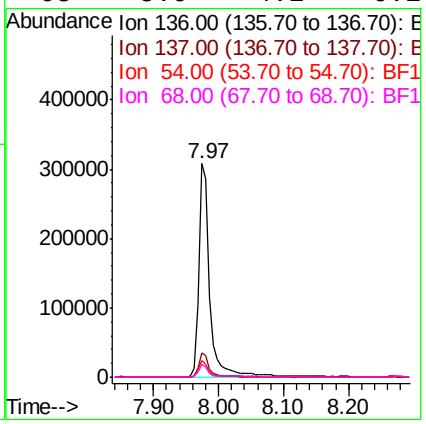


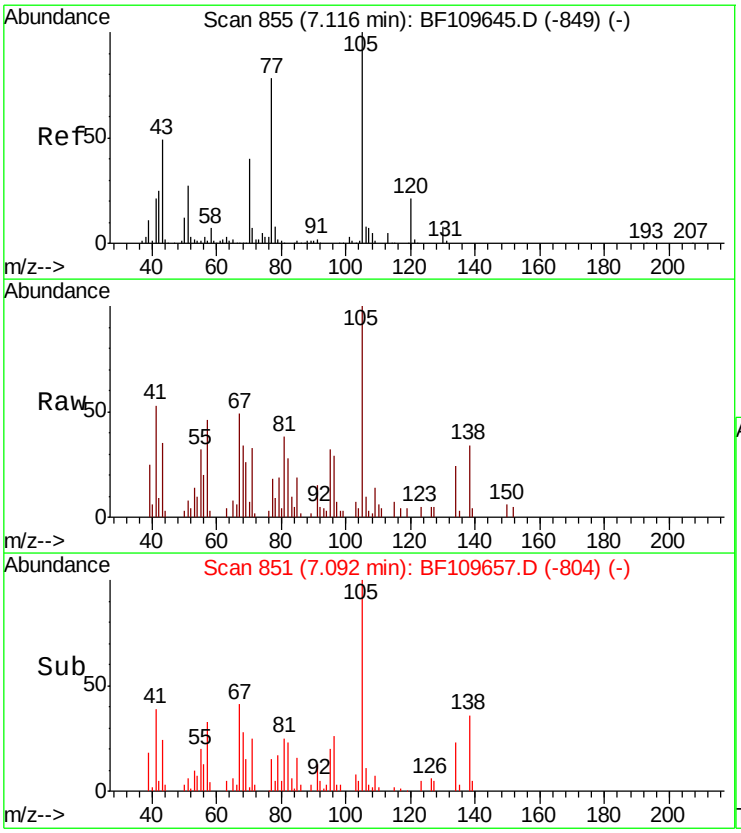
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:136 Resp: 362084

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.6	5.4	8.2
68	5.9	4.2	6.2

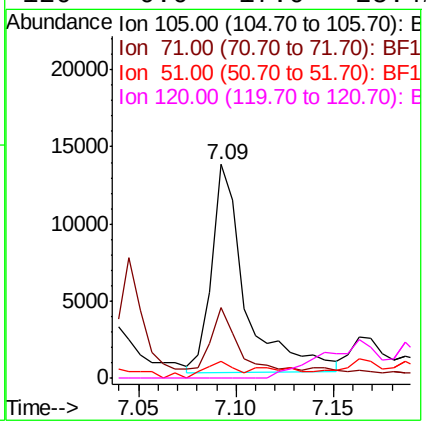


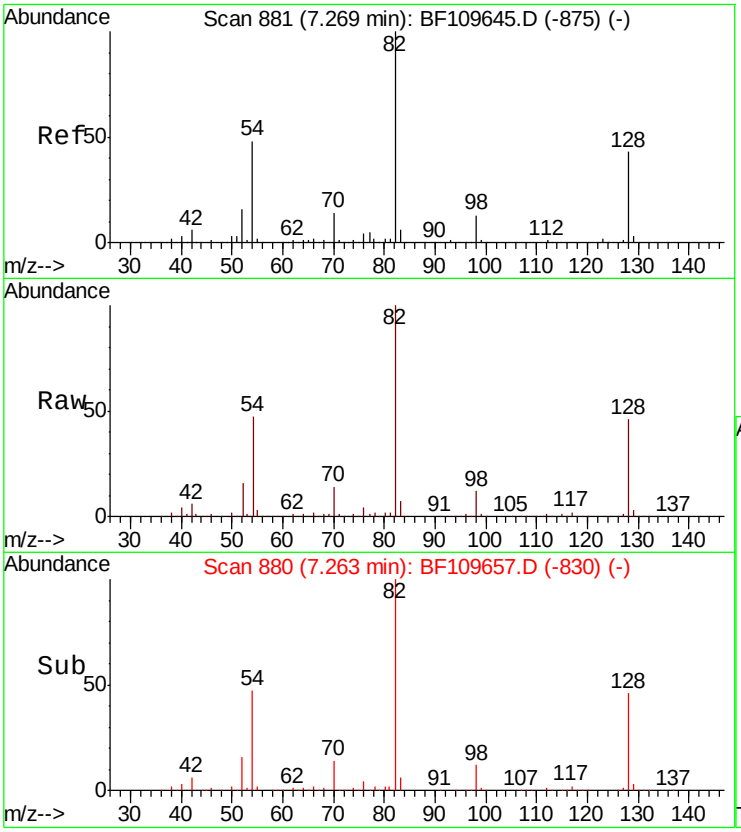


#22
Acetophenone
Concen: 1.861 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:105 Resp: 16294

Ion	Ratio	Lower	Upper
105	100		
71	32.8	5.2	7.8#
51	7.8	21.8	32.8#
120	0.0	17.0	25.4#



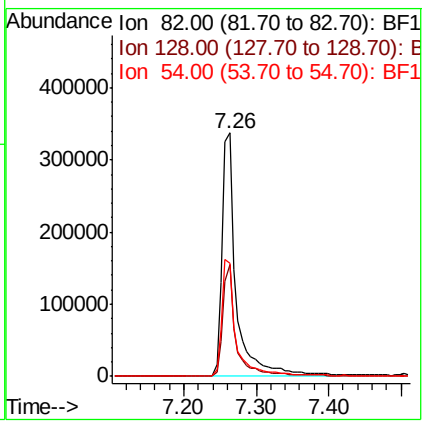


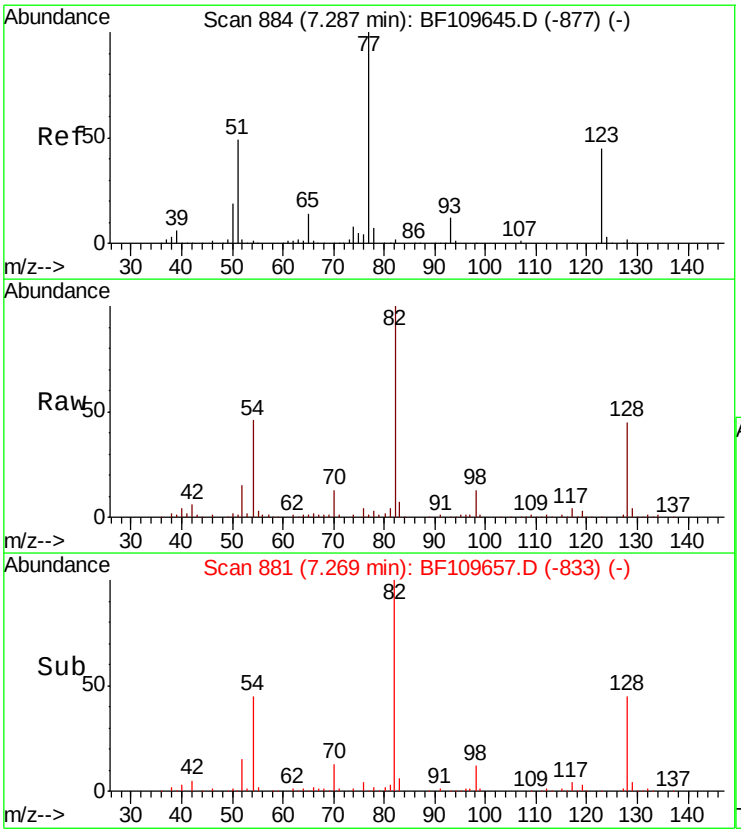
#23
Nitrobenzene-d5
Concen: 70.155 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion: 82 Resp: 460821

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.2	51.2
54	46.6	38.6	58.0

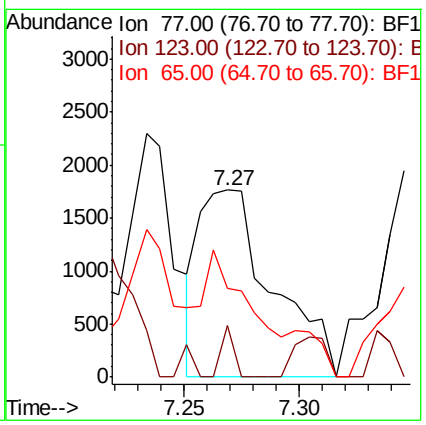


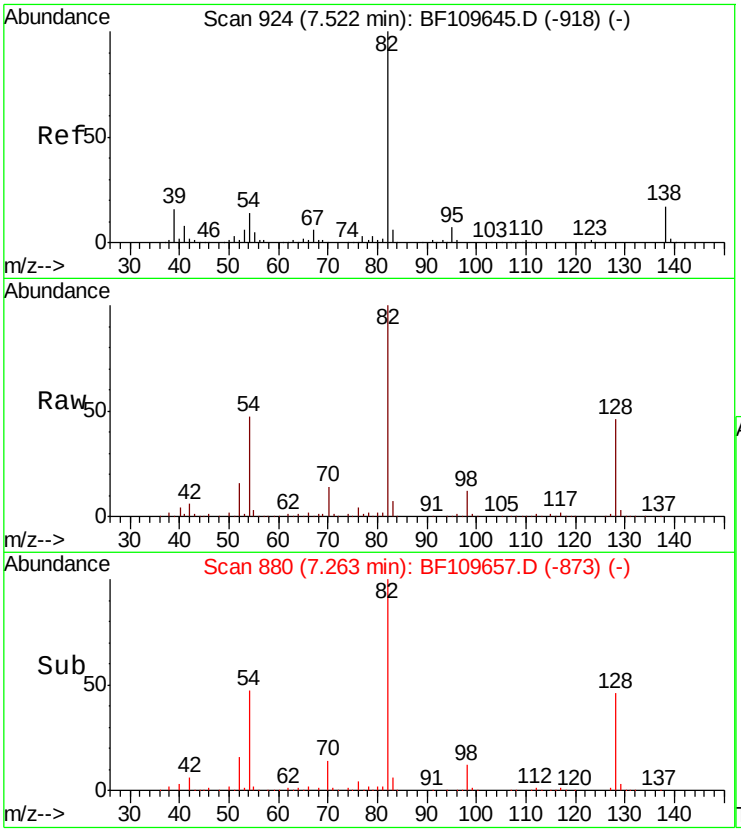


#24
Nitrobenzene
Concen: 0.573 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion: 77 Resp: 3917

Ion	Ratio	Lower	Upper
77	100		
123	27.8	35.7	53.5#
65	47.6	10.7	16.1#



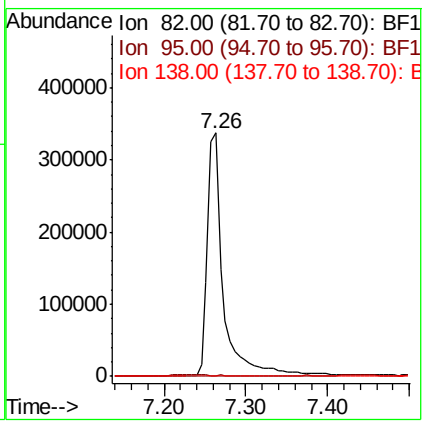


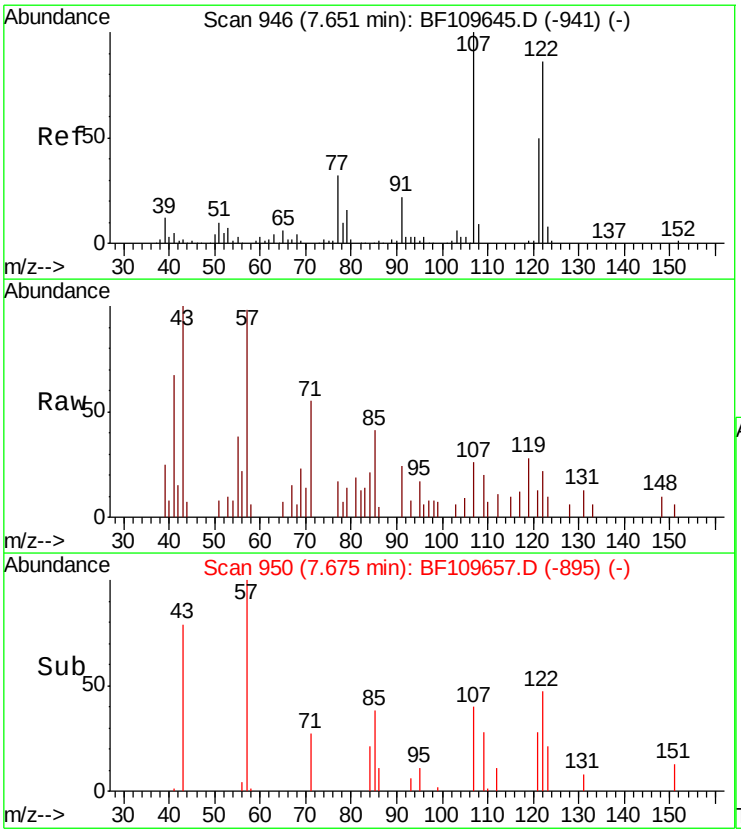
#25
Isophorone
Concen: 41.579 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion: 82 Resp: 453525

Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.7	8.5#
138	0.0	13.2	19.8#

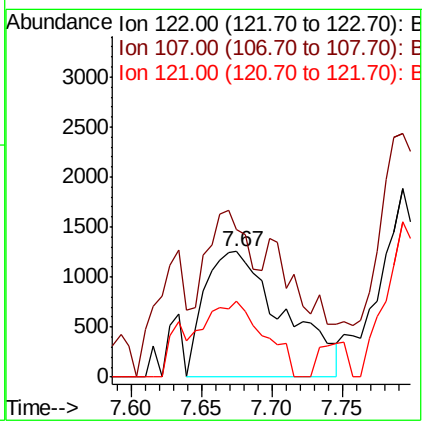


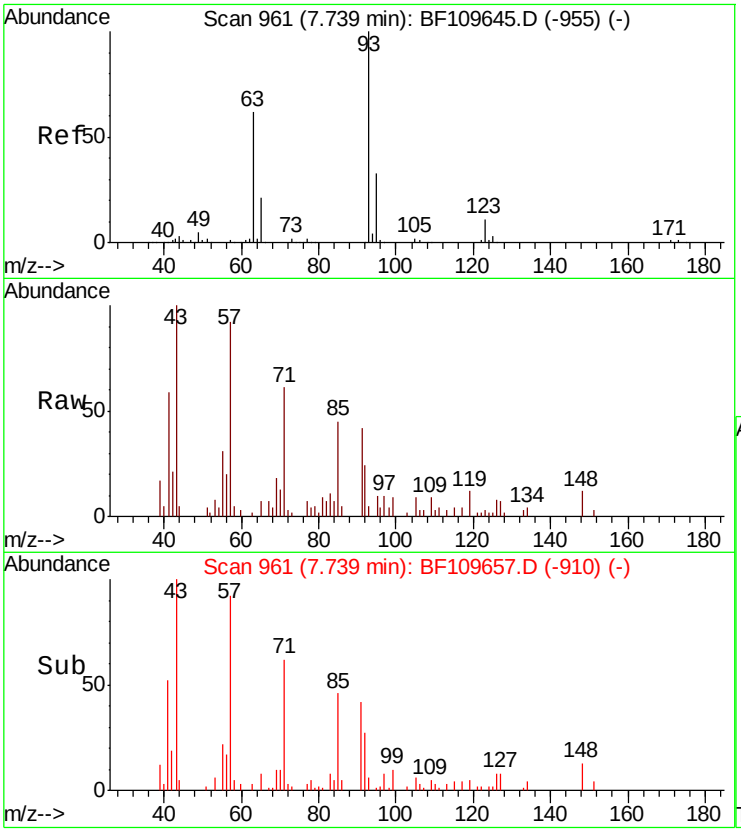


#27
2,4-Dimethylphenol
Concen: 1.060 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.02 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:122 Resp: 4895

Ion	Ratio	Lower	Upper
122	100		
107	117.8	92.5	138.7
121	60.2	45.8	68.8



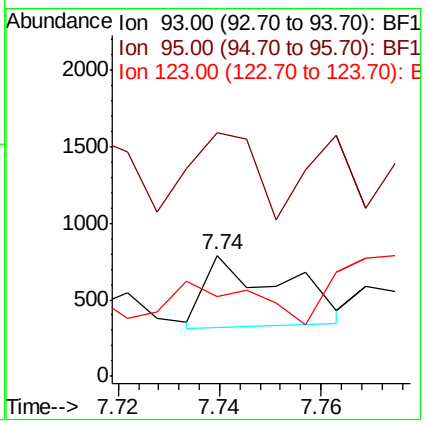


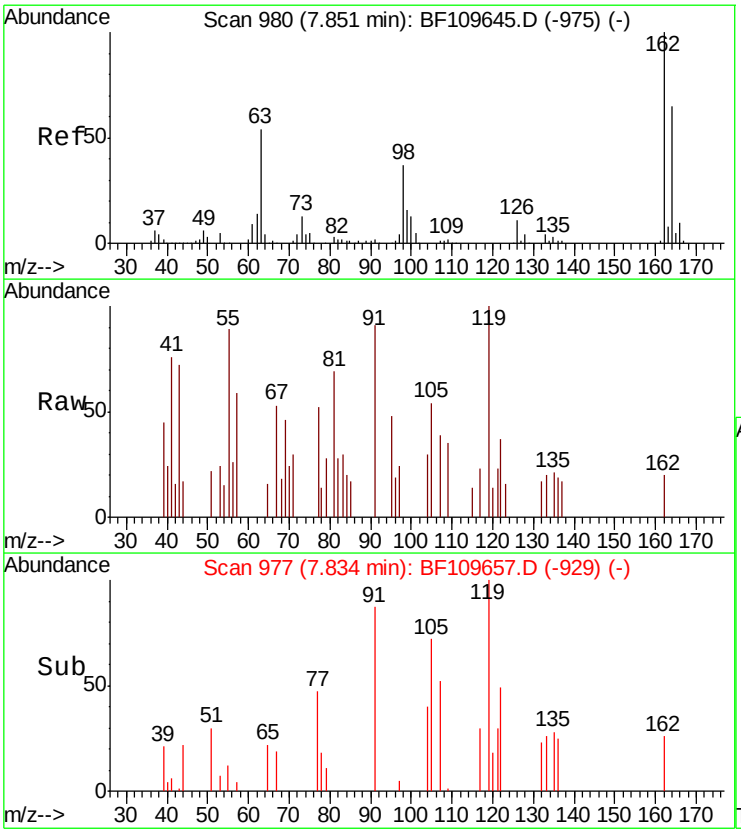
#28
bis(2-Chloroethoxy)methane
Concen: 0.067 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion: 93 Resp: 494

Ion	Ratio	Lower	Upper
93	100		
95	201.6	26.4	39.6#
123	66.0	9.0	13.6#

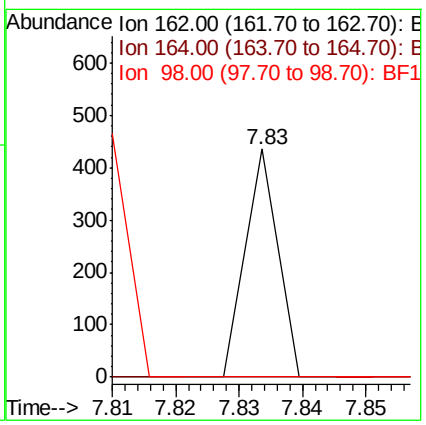


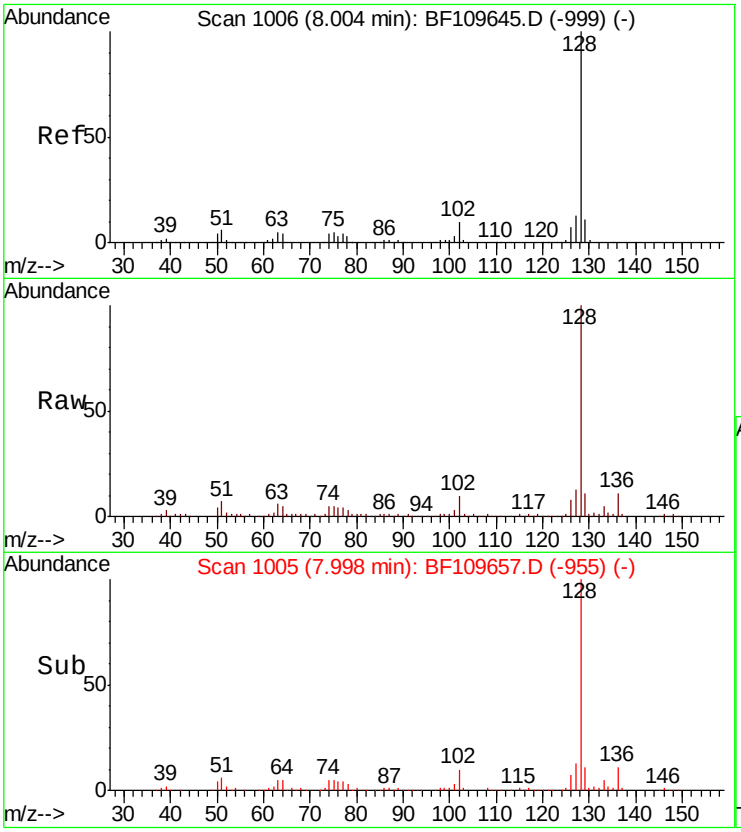


#29
2,4-Dichlorophenol
Concen: 0.030 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:162 Resp: 154

Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.6	84.6#
98	0.0	17.4	57.4#



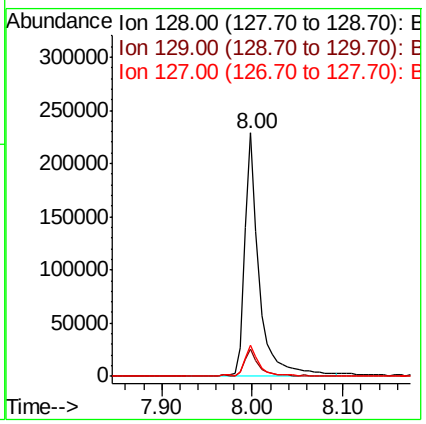


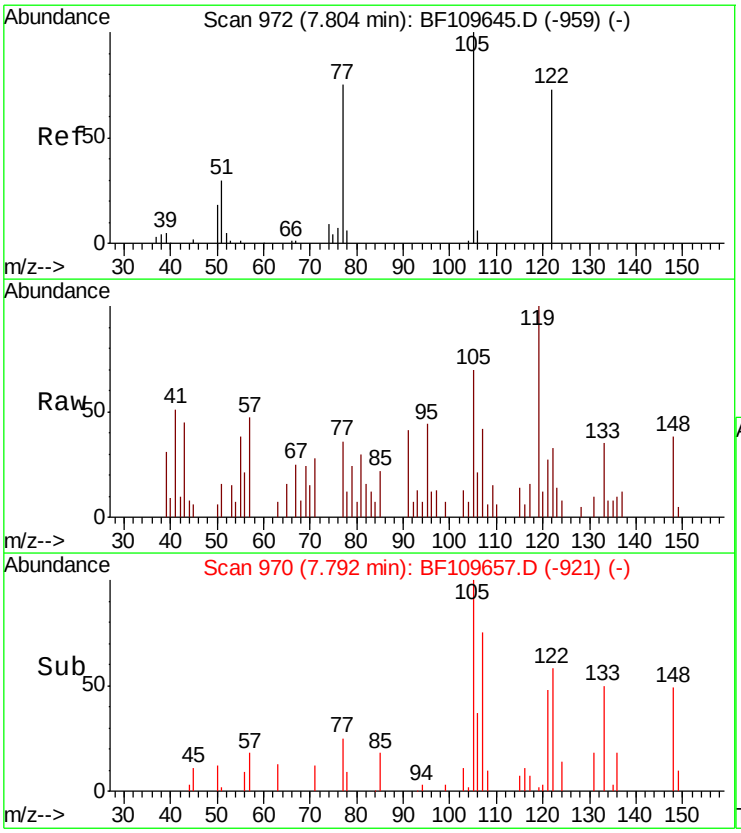
#31
Naphthalene
Concen: 15.171 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:128 Resp: 254044

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.8	10.8	16.2

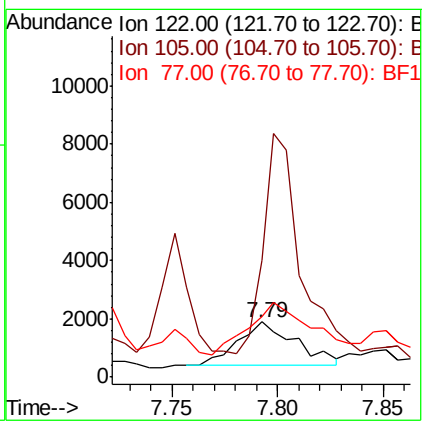


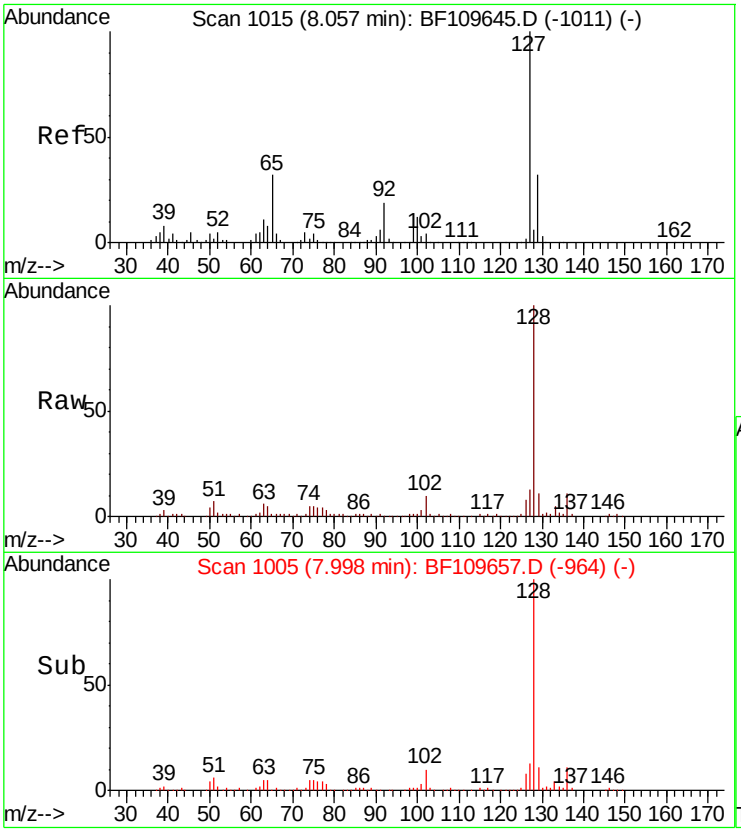


#32
Benzoic acid
Concen: 0.848 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:122 Resp: 2798

Ion	Ratio	Lower	Upper
122	100		
105	213.6	109.0	149.0#
77	110.2	79.0	119.0



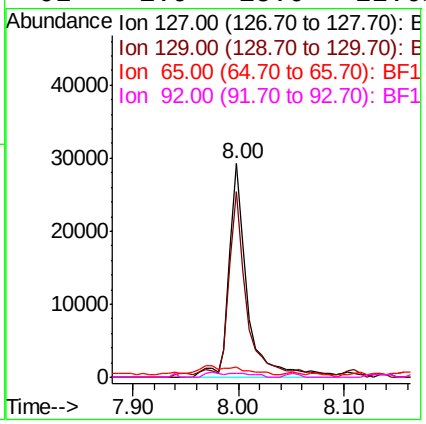


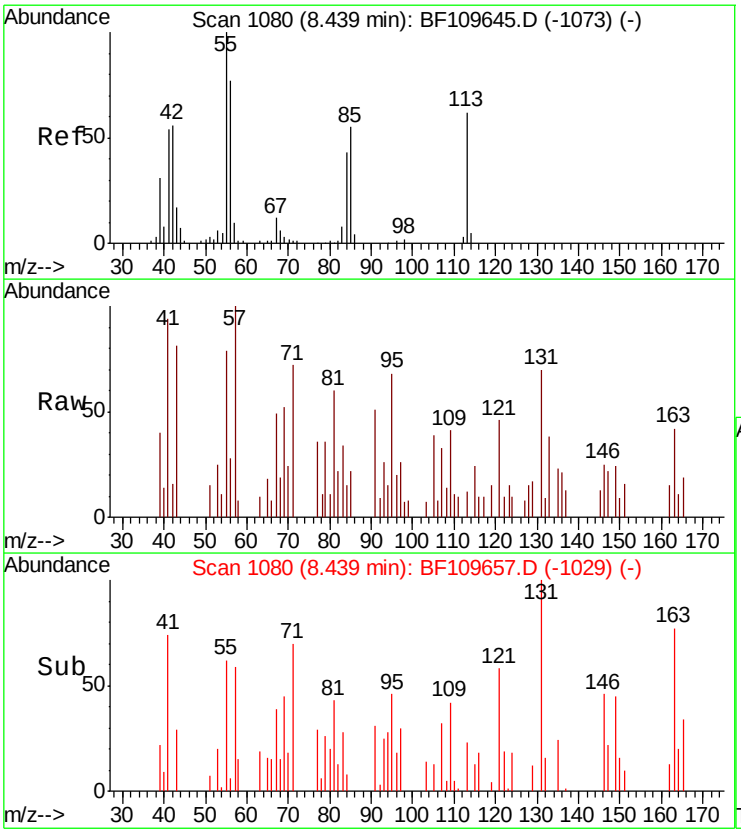
#33
4-Chloroaniline
Concen: 4.748 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.06 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:127 Resp: 35010

Ion	Ratio	Lower	Upper
127	100		
129	87.1	26.0	39.0#
65	4.8	25.1	37.7#
92	1.9	15.0	22.6#

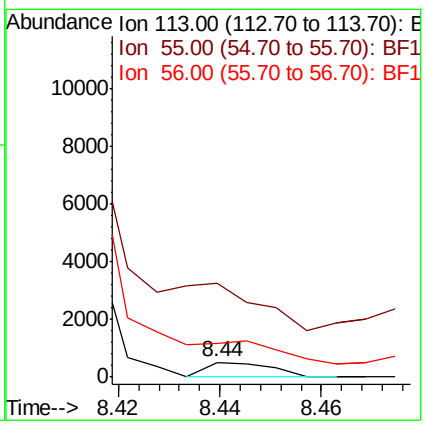


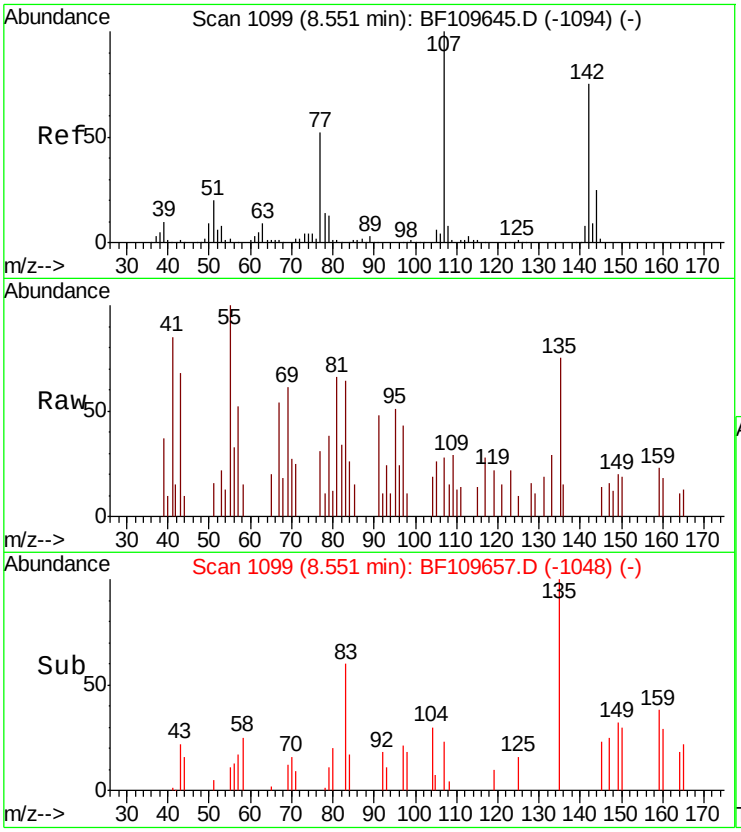


#35
Caprolactam
Concen: 0.292 ng
RT: 8.44 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:113 Resp: 451

Ion	Ratio	Lower	Upper
113	100		
55	629.4	142.8	182.8#
56	226.7	105.0	145.0#



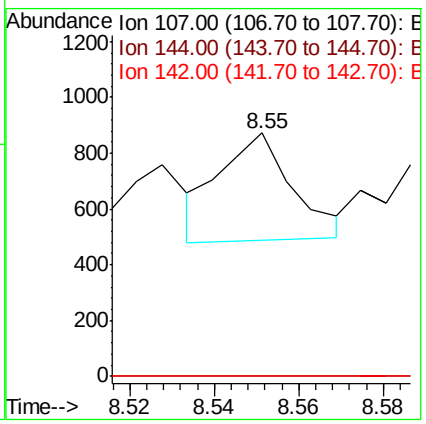


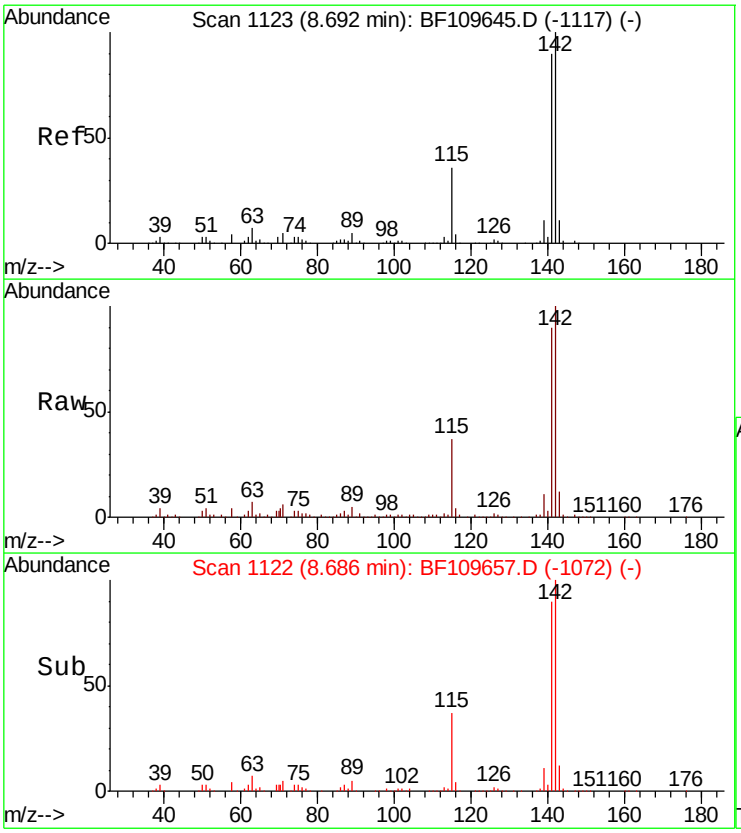
#36
4-Chloro-3-methylphenol
Concen: 0.085 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:107 Resp: 463

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.0	30.0#
142	0.0	59.7	89.5#

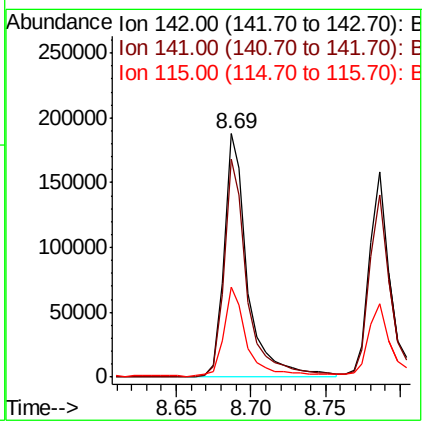


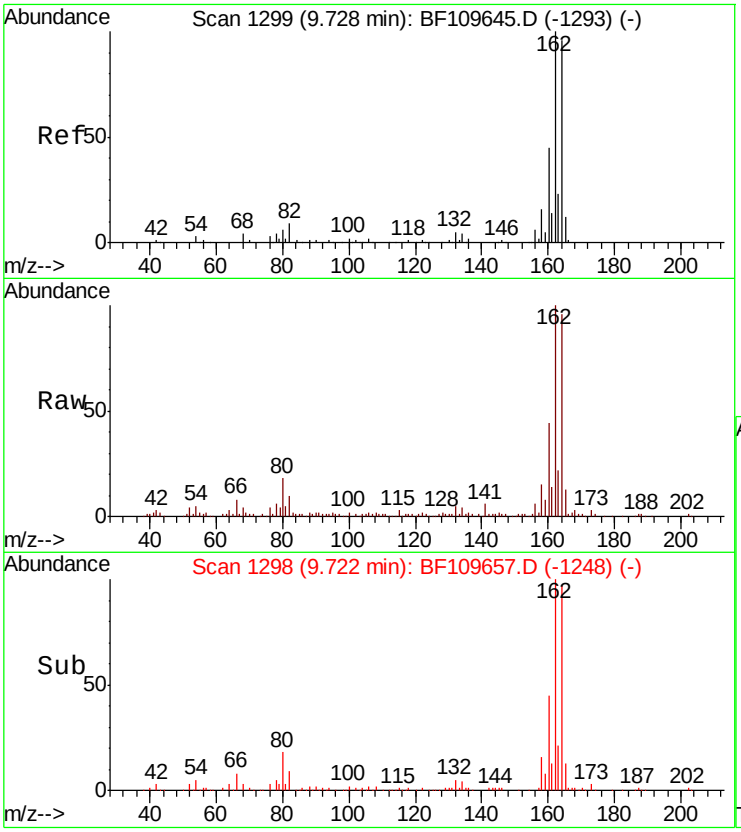


#37
2-Methylnaphthalene
Concen: 19.176 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:142 Resp: 210344

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	36.9	28.7	43.1



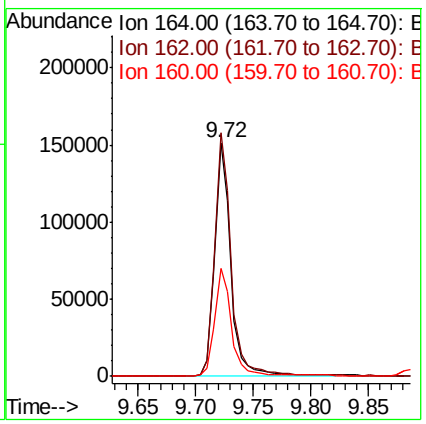


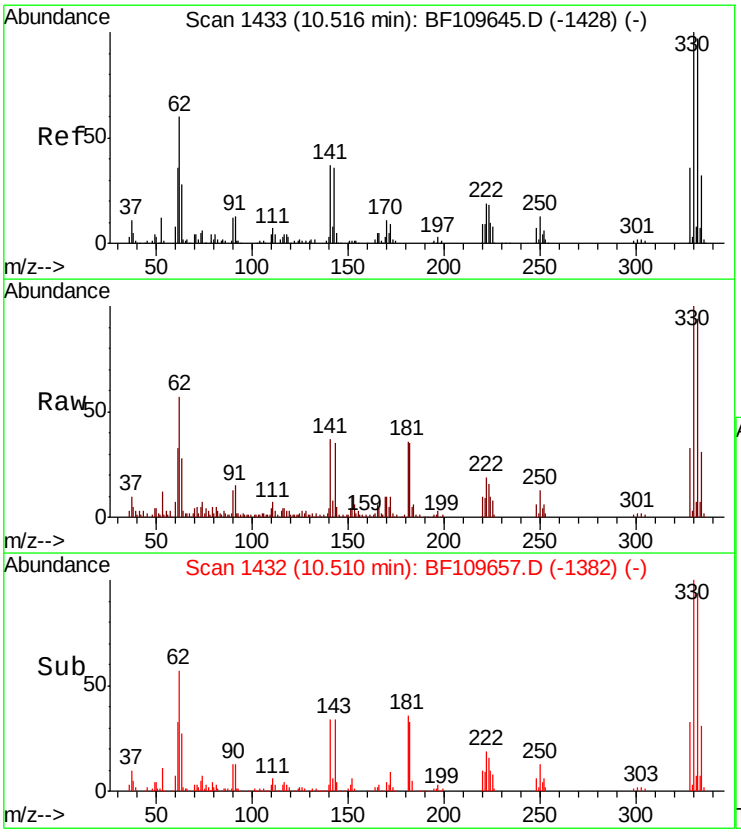
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:164 Resp: 147854

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.6
160	46.2	37.0	55.6

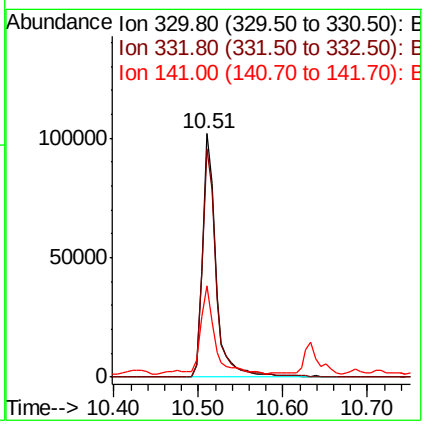


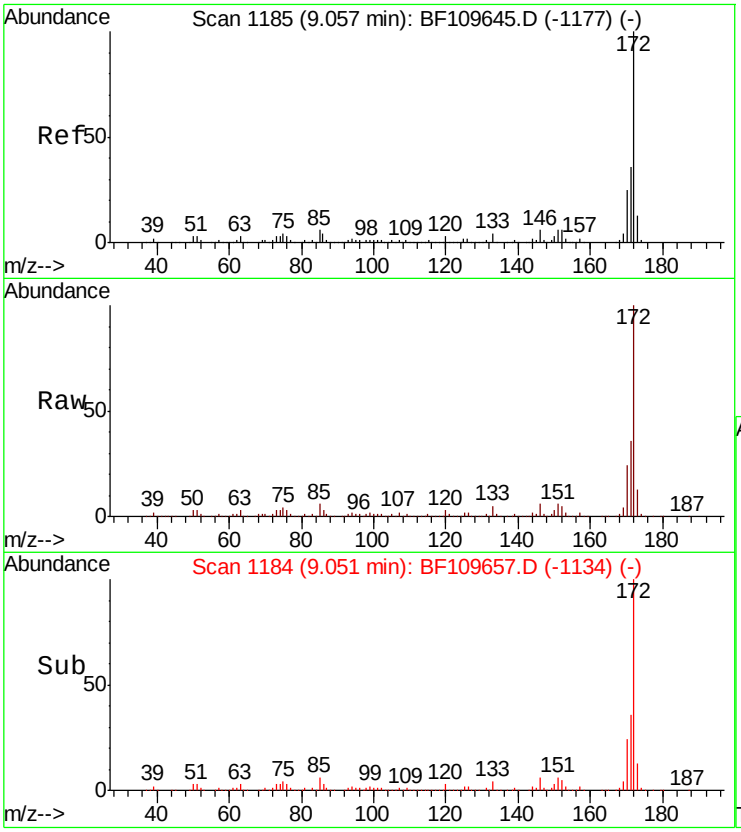


#41
2,4,6-Tribromophenol
Concen: 69.498 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:330 Resp: 111964

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	37.9	27.0	40.4



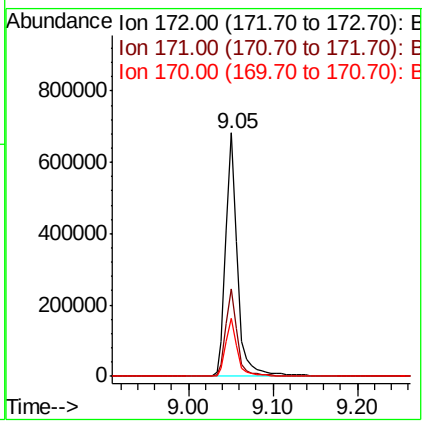


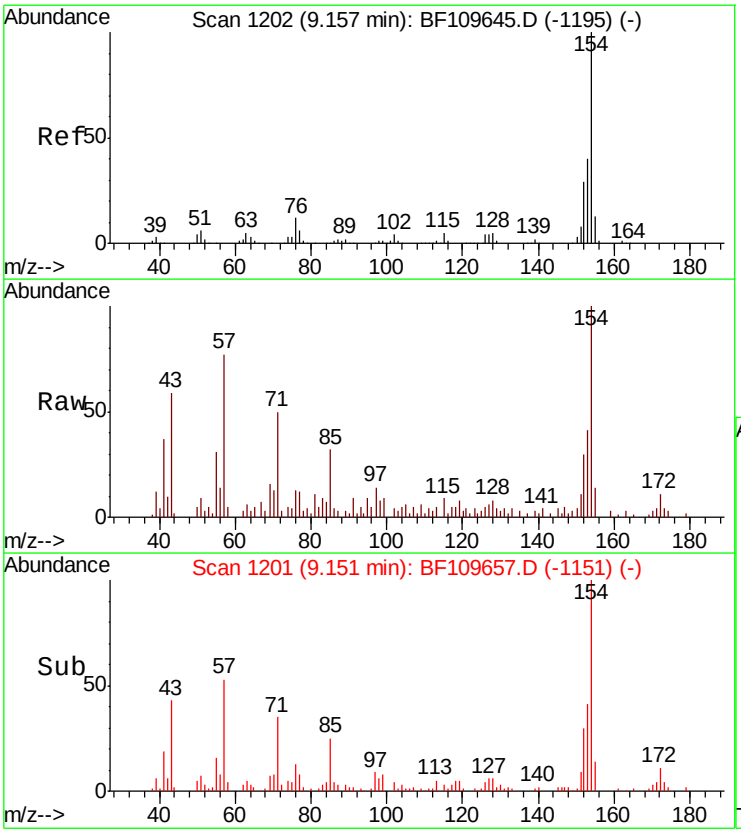
#44
2-Fluorobiphenyl
Concen: 61.454 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:172 Resp: 659730

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.1	19.7	29.5

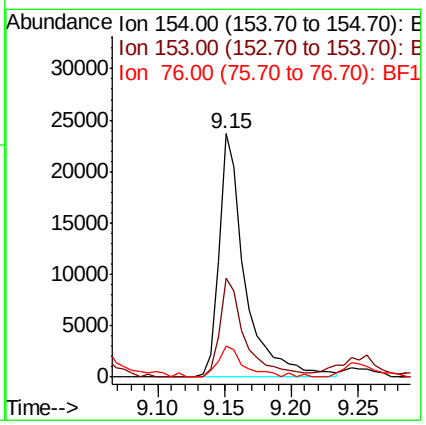


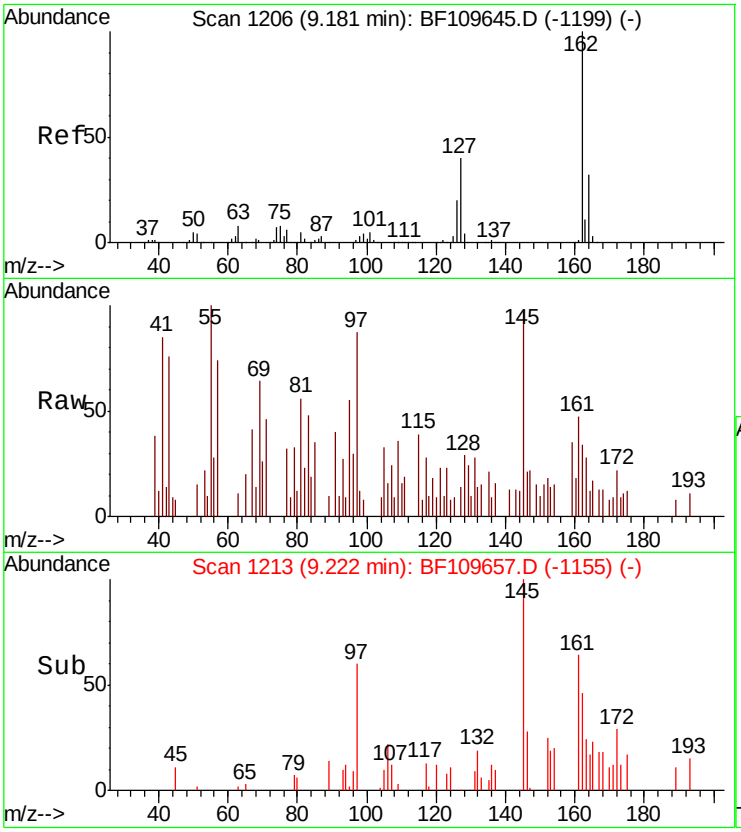


#45
1,1'-Biphenyl
Concen: 2.451 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:154 Resp: 32371

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.4	60.4
76	12.7	0.0	31.9



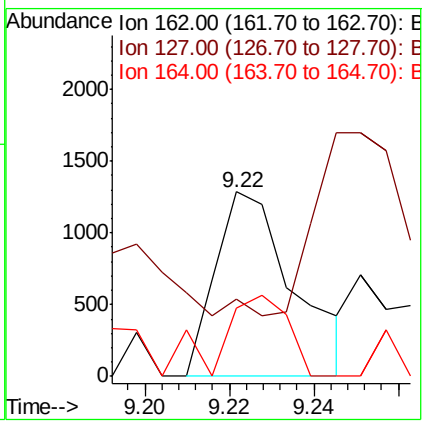


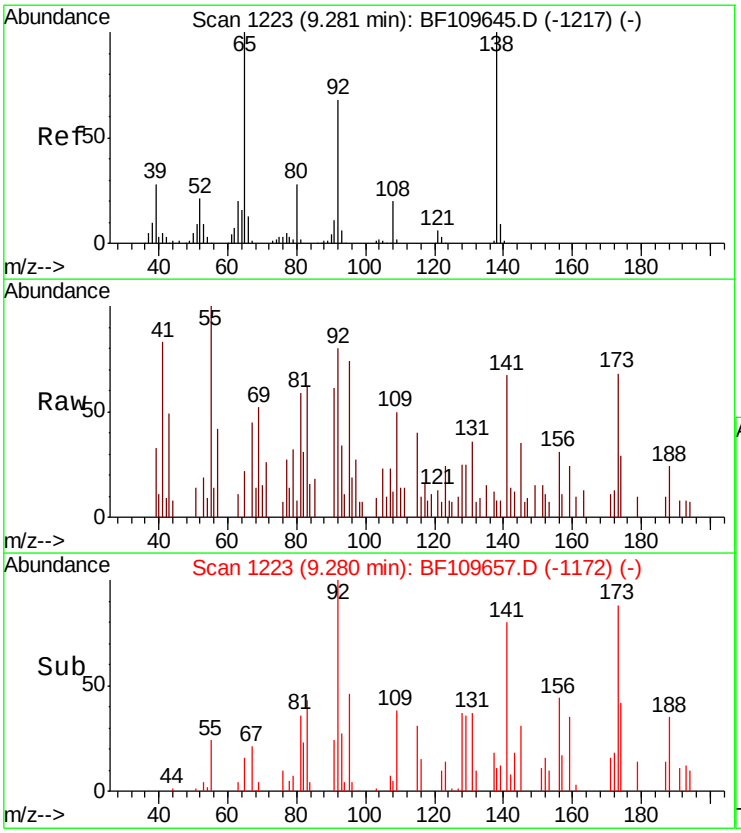
#46
2-Chloronaphthalene
Concen: 0.167 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.04 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:162 Resp: 1654

Ion	Ratio	Lower	Upper
162	100		
127	42.0	32.6	48.8
164	36.9	25.9	38.9

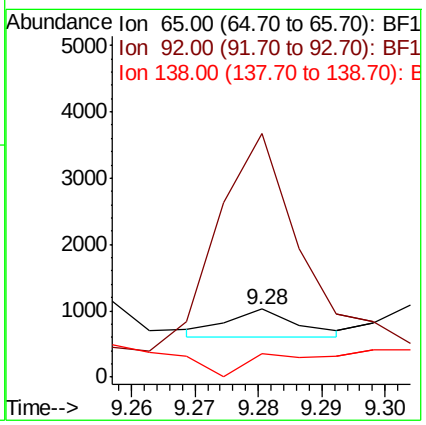


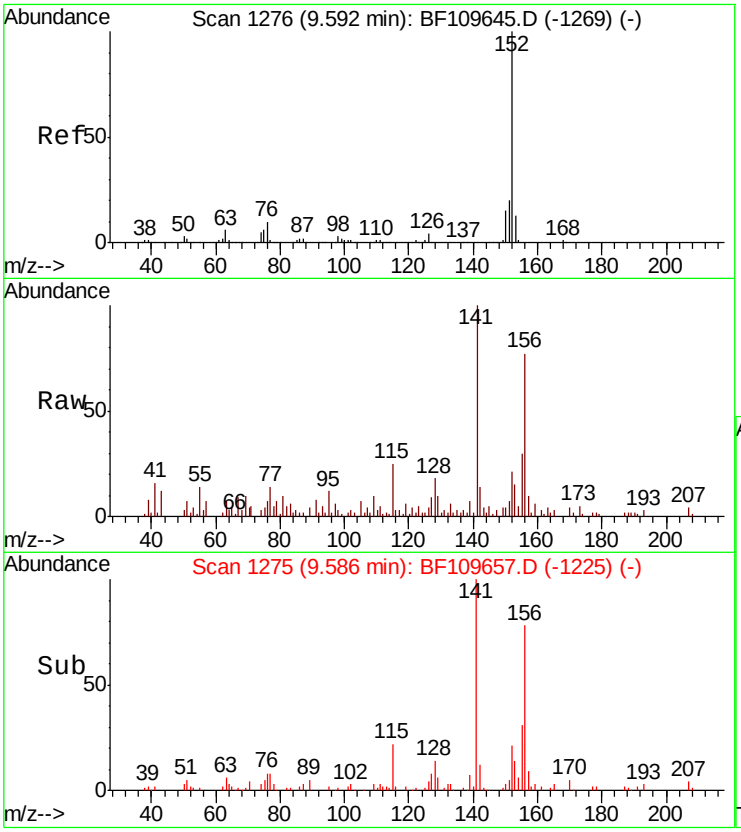


#47
2-Nitroaniline
Concen: 0.106 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion: 65 Resp: 319

Ion	Ratio	Lower	Upper
65	100		
92	357.5	54.6	81.8#
138	34.0	80.3	120.5#



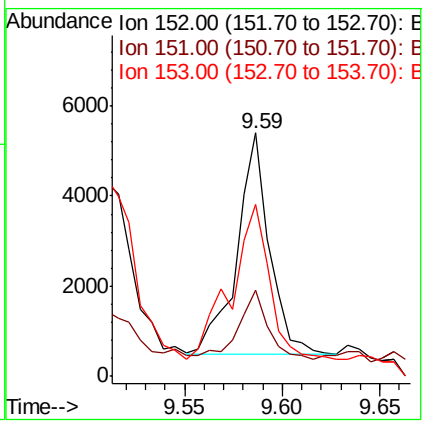


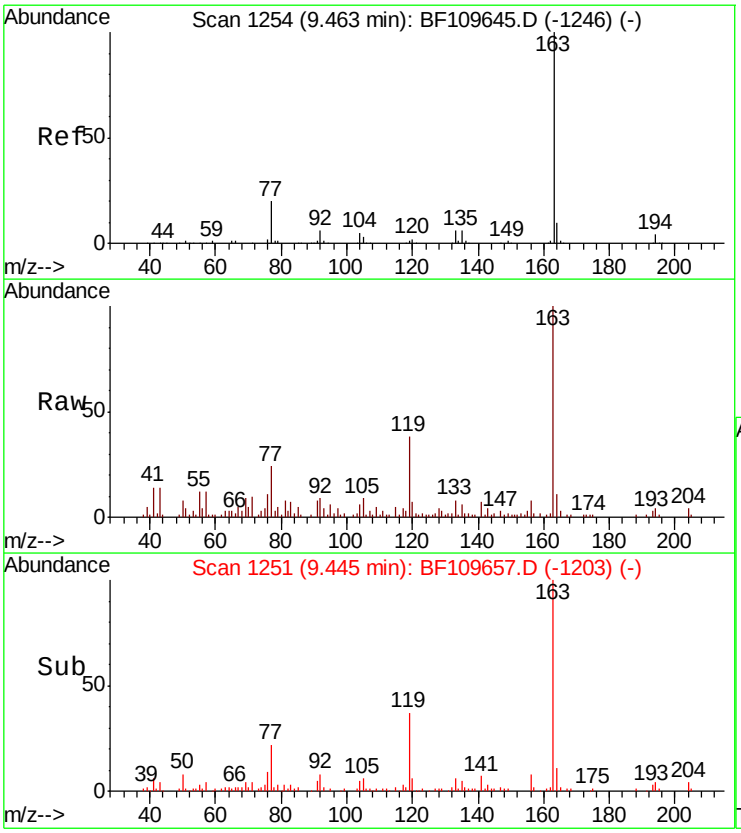
#48
Acenaphthylene
Concen: 0.391 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:152 Resp: 5642

Ion	Ratio	Lower	Upper
152	100		
151	35.3	15.8	23.8#
153	70.8	10.4	15.6#

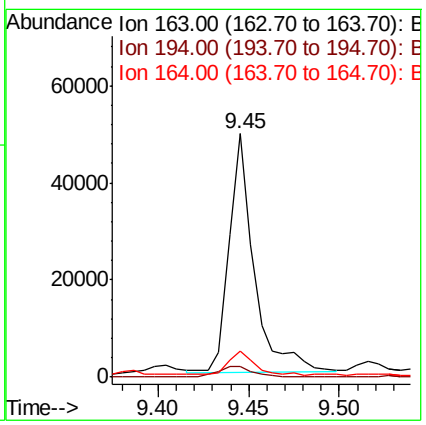


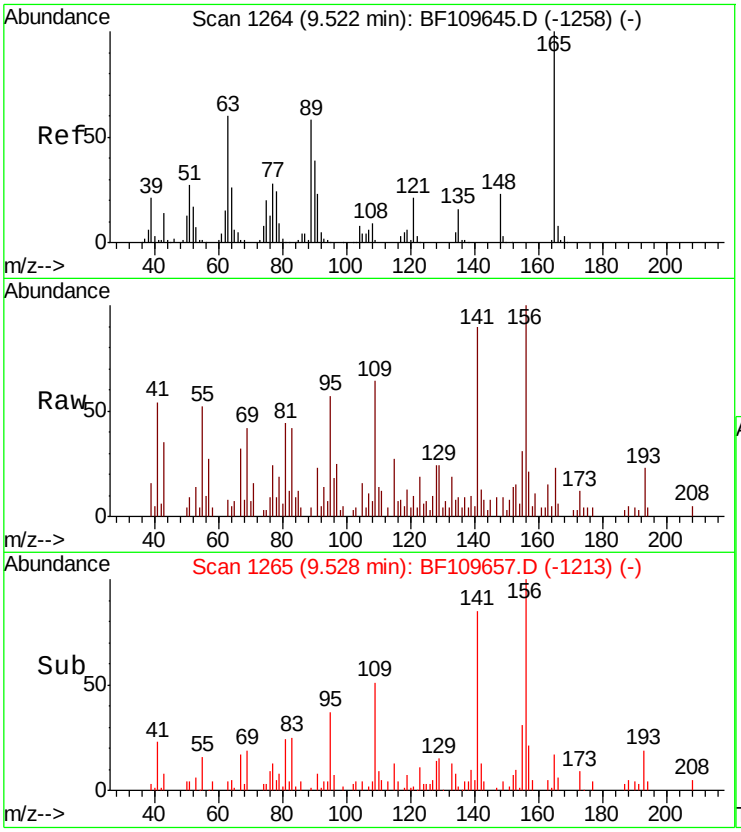


#49
Dimethylphthalate
Concen: 4.379 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:163 Resp: 47485

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	10.9	8.1	12.1



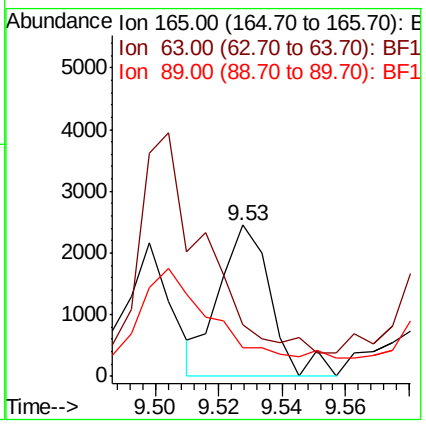


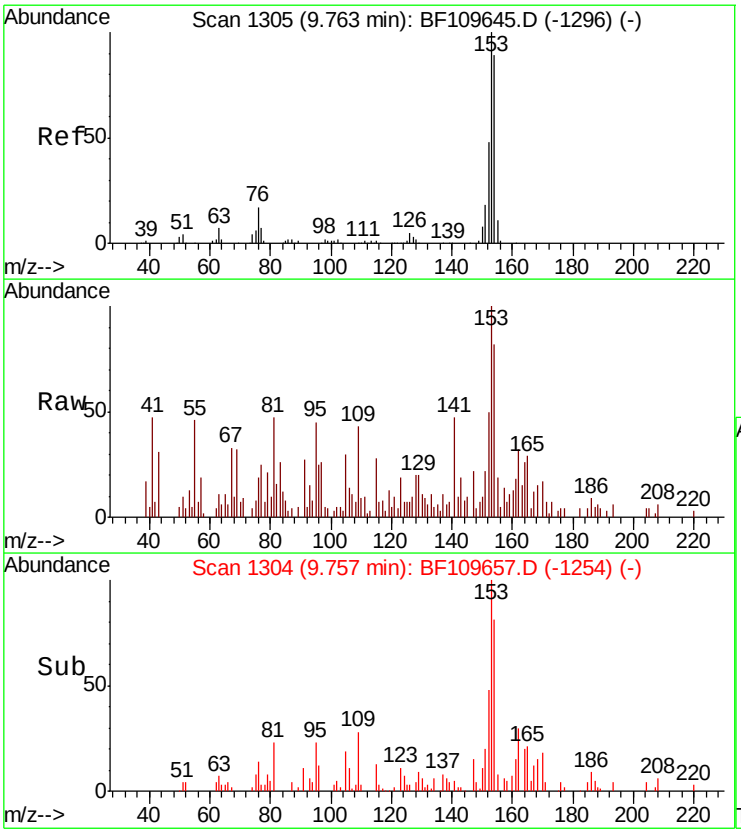
#50
2,6-Dinitrotoluene
Concen: 1.174 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:165 Resp: 2759

Ion	Ratio	Lower	Upper
165	100		
63	34.4	48.9	73.3#
89	18.6	46.6	69.8#

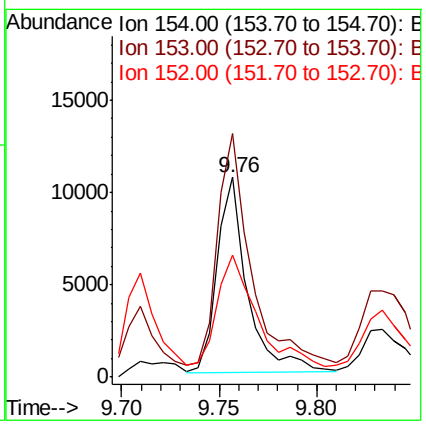


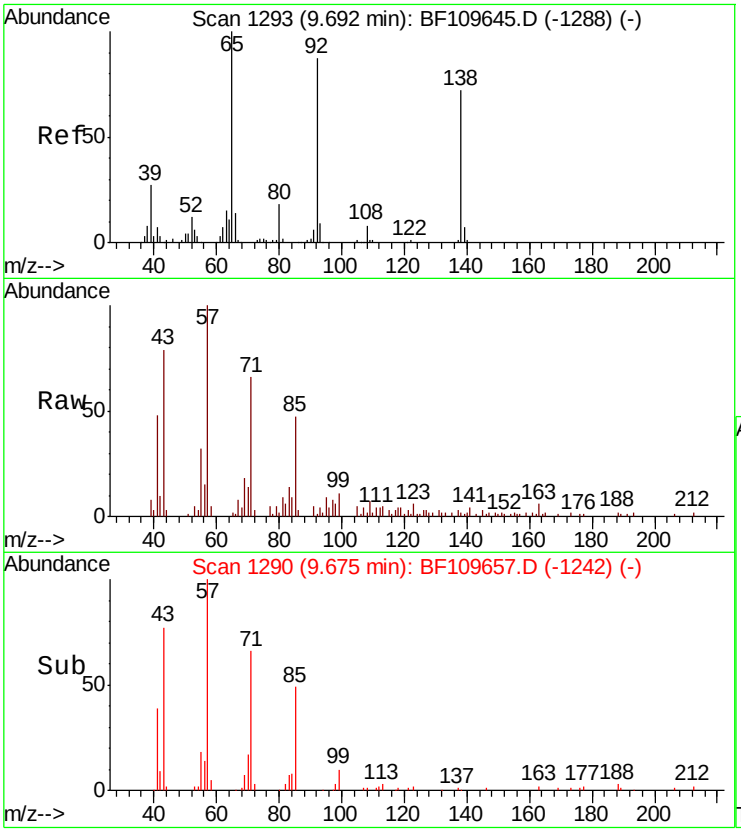


#51
Acenaphthene
Concen: 1.352 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:154 Resp: 11561

Ion	Ratio	Lower	Upper
154	100		
153	121.9	90.1	135.1
152	61.2	43.4	65.2



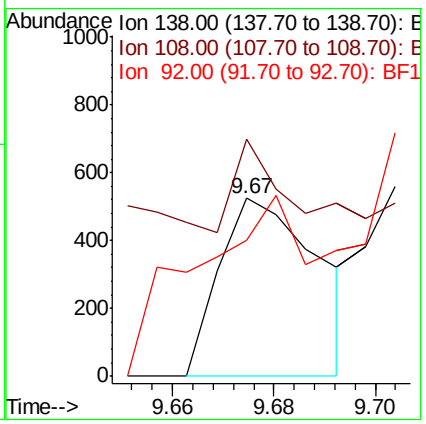


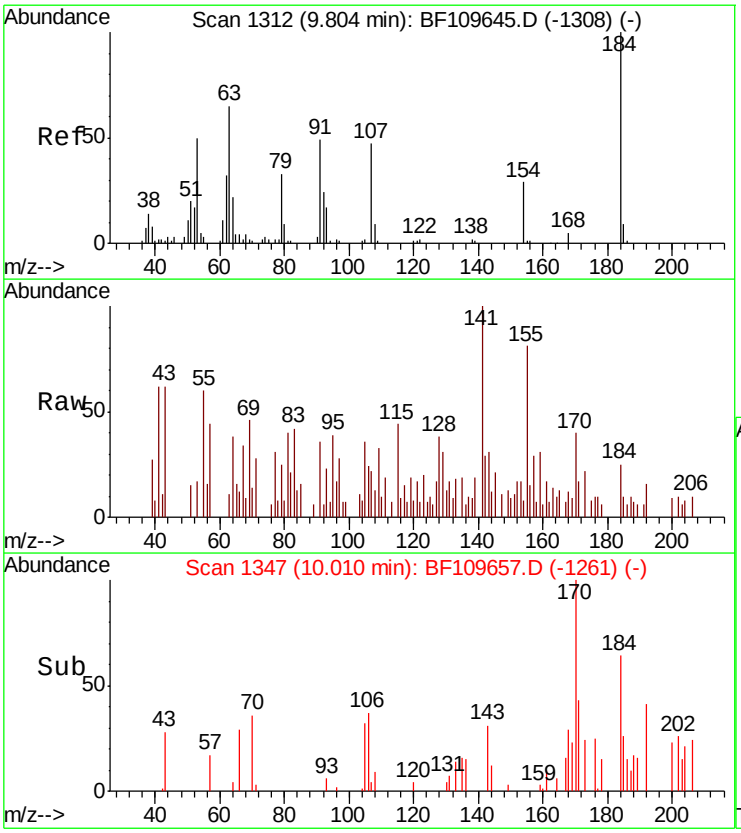
#52
3-Nitroaniline
Concen: 0.269 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:138 Resp: 708

Ion	Ratio	Lower	Upper
138	100		
108	133.0	8.7	13.1#
92	76.4	97.0	145.4#

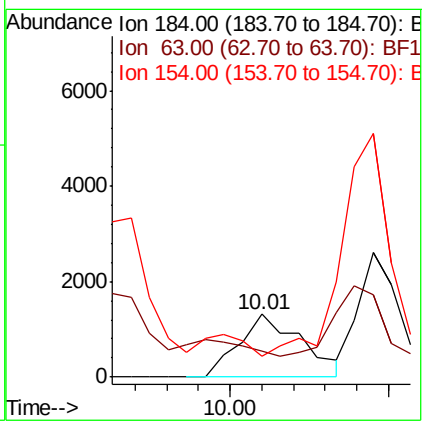


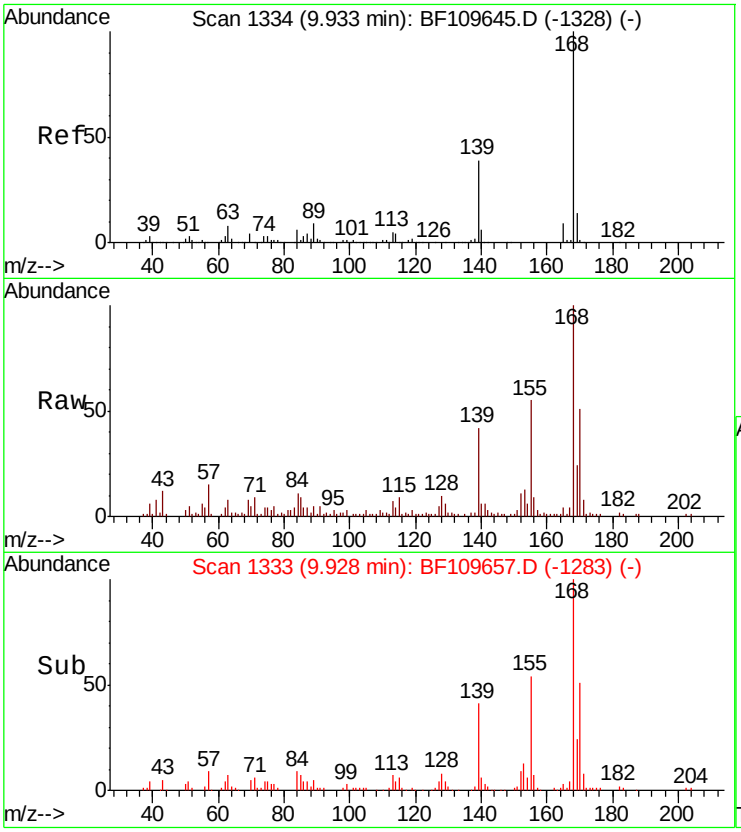


#53
2,4-Dinitrophenol
Concen: 2.391 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:184 Resp: 1813

Ion	Ratio	Lower	Upper
184	100		
63	41.6	55.8	83.6#
154	32.6	63.2	94.8#



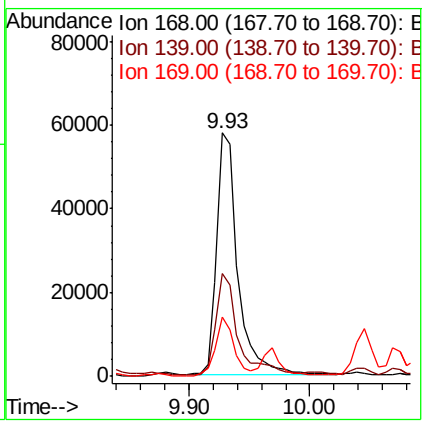


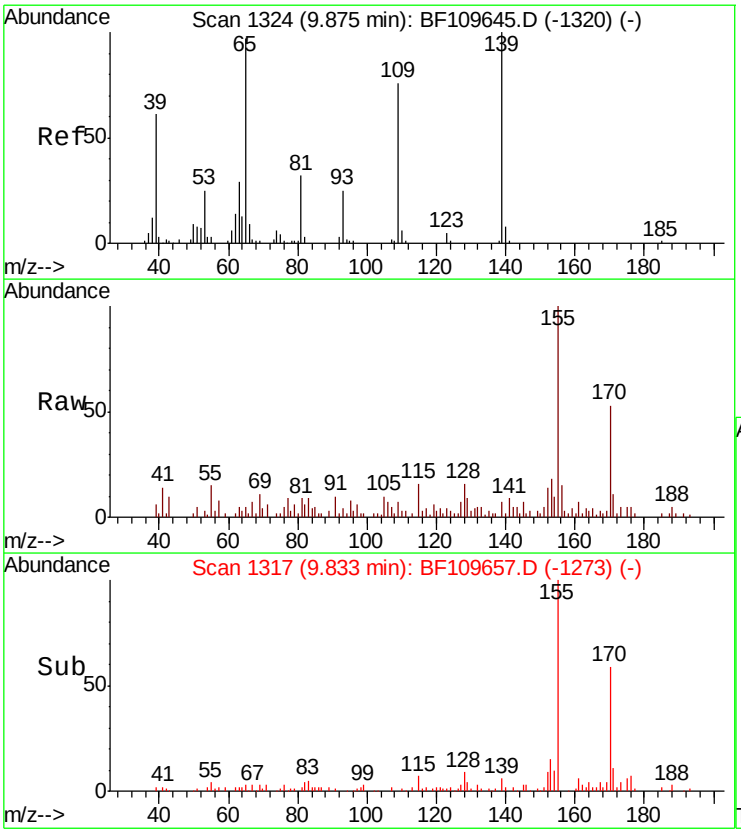
#54
Dibenzofuran
Concen: 5.377 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:168 Resp: 68932

Ion	Ratio	Lower	Upper
168	100		
139	42.0	33.0	49.6
169	24.3	11.3	16.9#

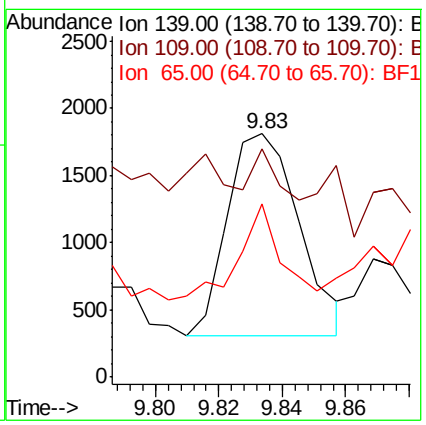


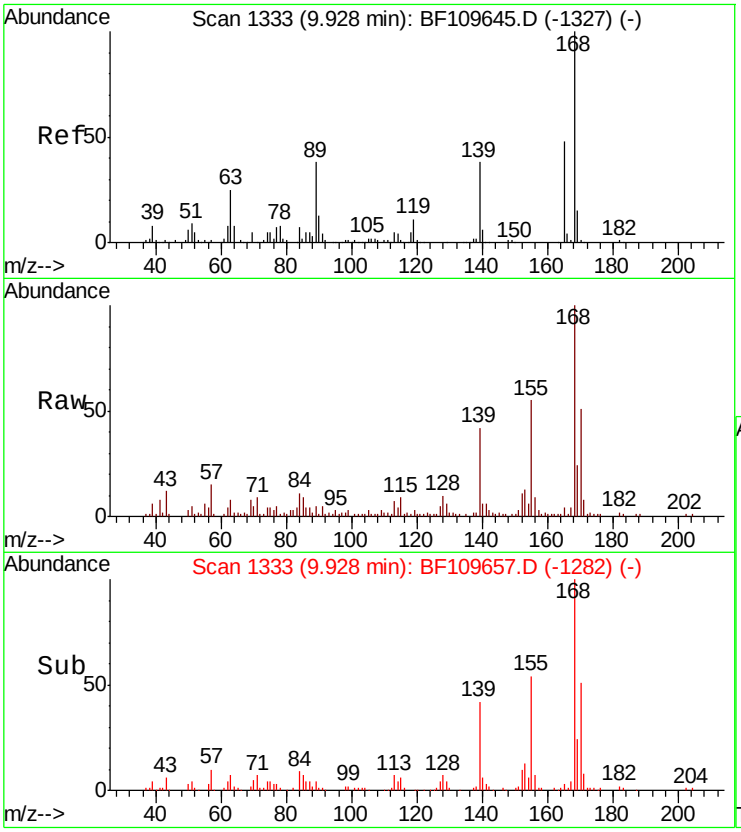


#55
4-Nitrophenol
Concen: 1.627 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.04 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:139 Resp: 2347

Ion	Ratio	Lower	Upper
139	100		
109	93.8	55.8	95.8
65	71.2	77.9	117.9#



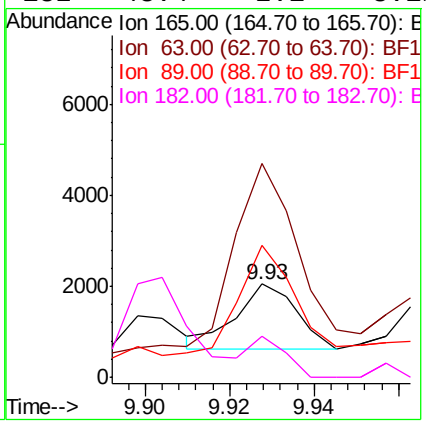


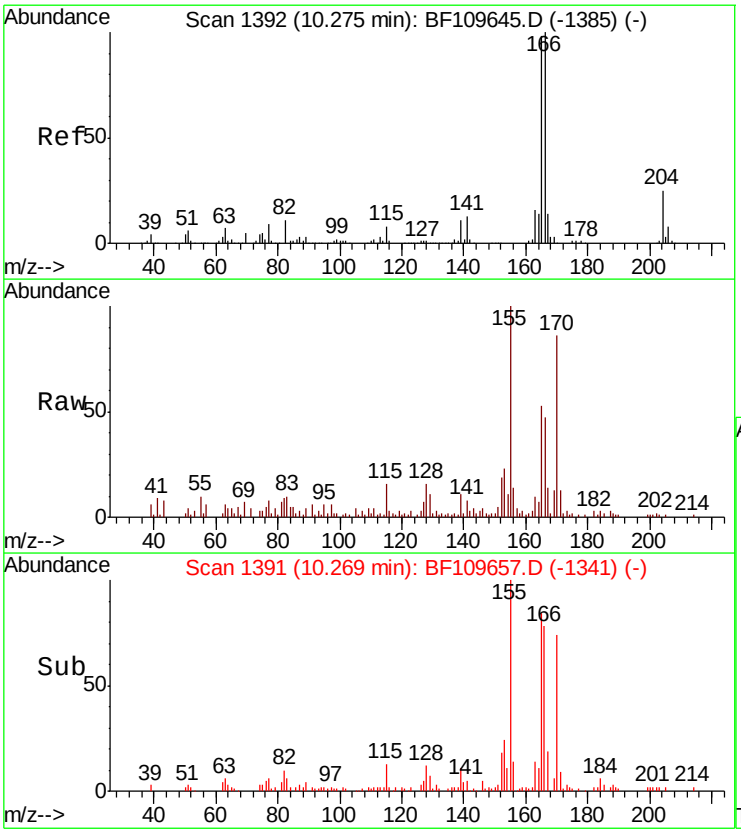
#56
2,4-Dinitrotoluene
Concen: 0.485 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:165 Resp: 1424

Ion	Ratio	Lower	Upper
165	100		
63	229.5	44.8	67.2#
89	141.6	62.2	93.4#
182	43.4	2.1	3.1#

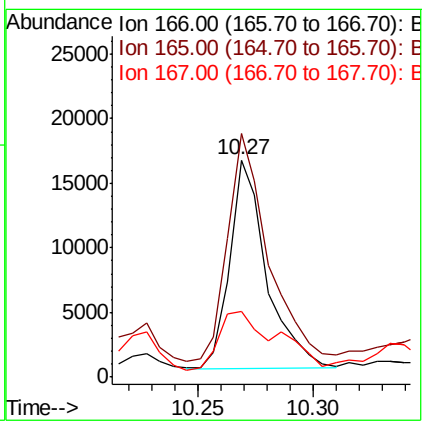


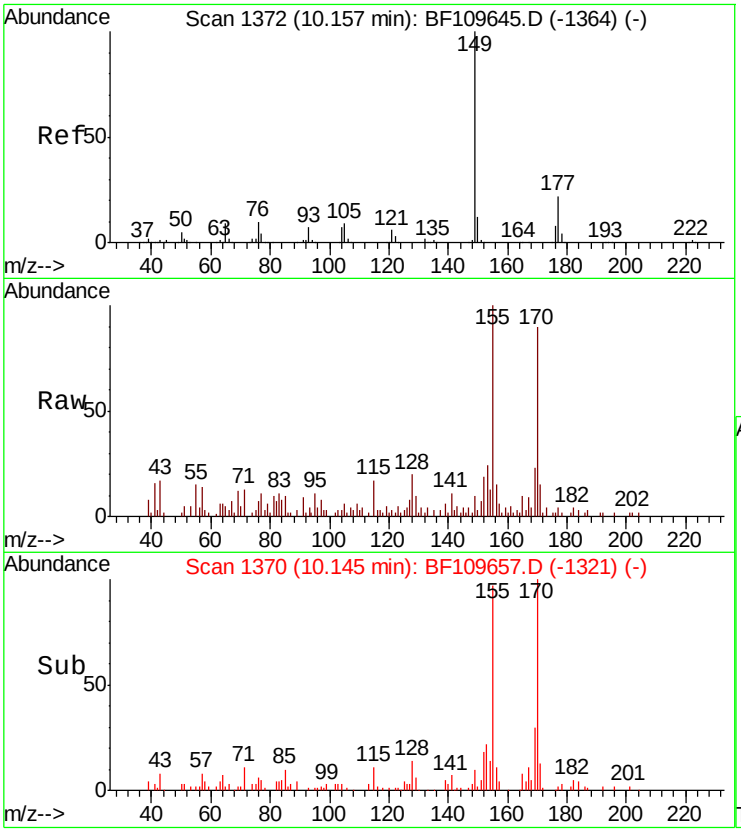


#57
Fluorene
Concen: 1.875 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:166 Resp: 17954

Ion	Ratio	Lower	Upper
166	100		
165	112.3	78.6	117.8
167	30.6	10.8	16.2#



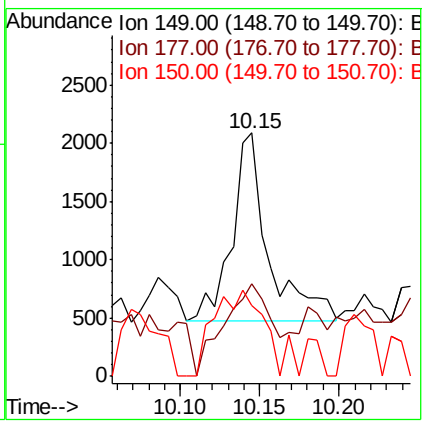


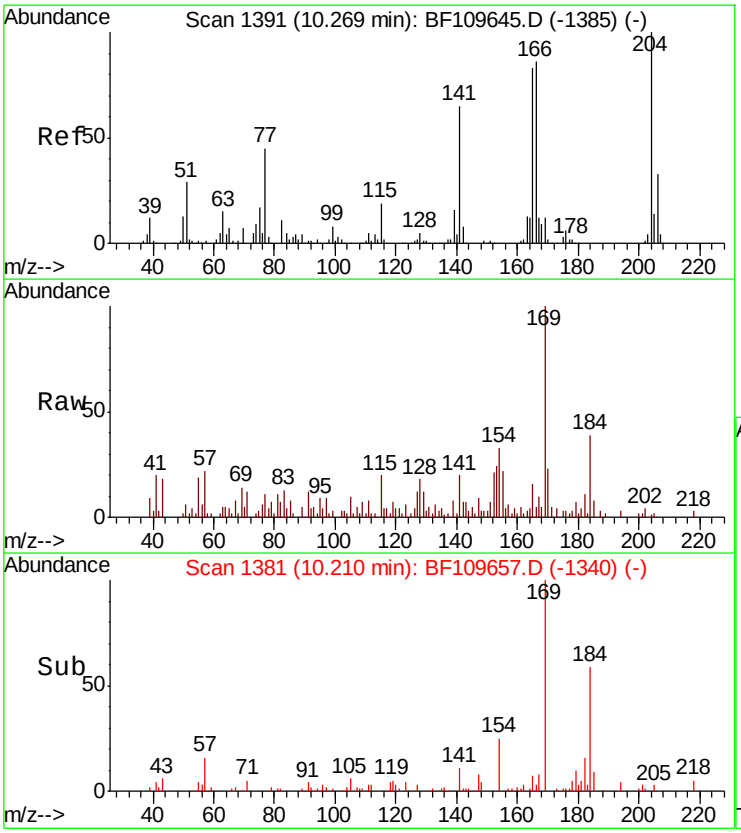
#59
Diethylphthalate
Concen: 0.239 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:149 Resp: 2573

Ion	Ratio	Lower	Upper
149	100		
177	38.1	17.4	26.2#
150	28.8	9.8	14.8#

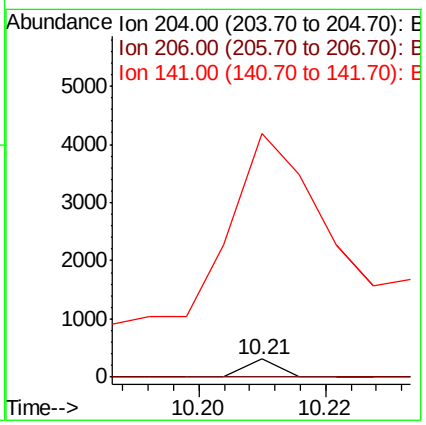


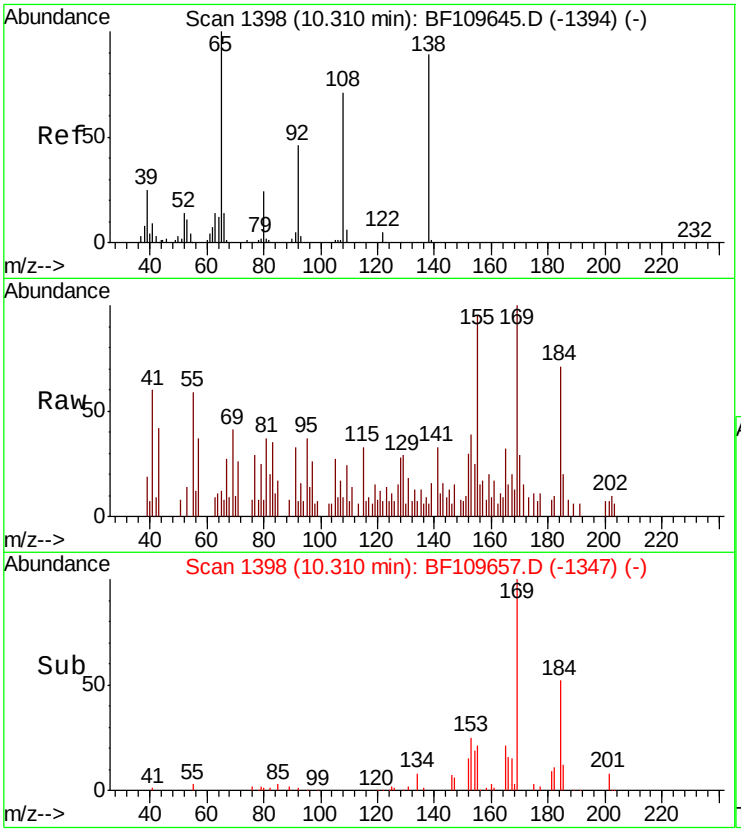


#60
4-Chlorophenyl-phenylether
Concen: 0.021 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.06 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:204 Resp: 108

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.5	39.7#
141	1368.0	51.8	77.8#



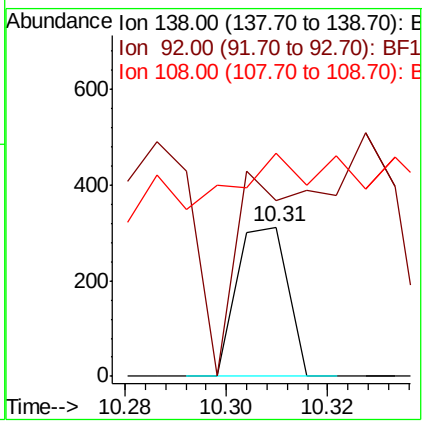


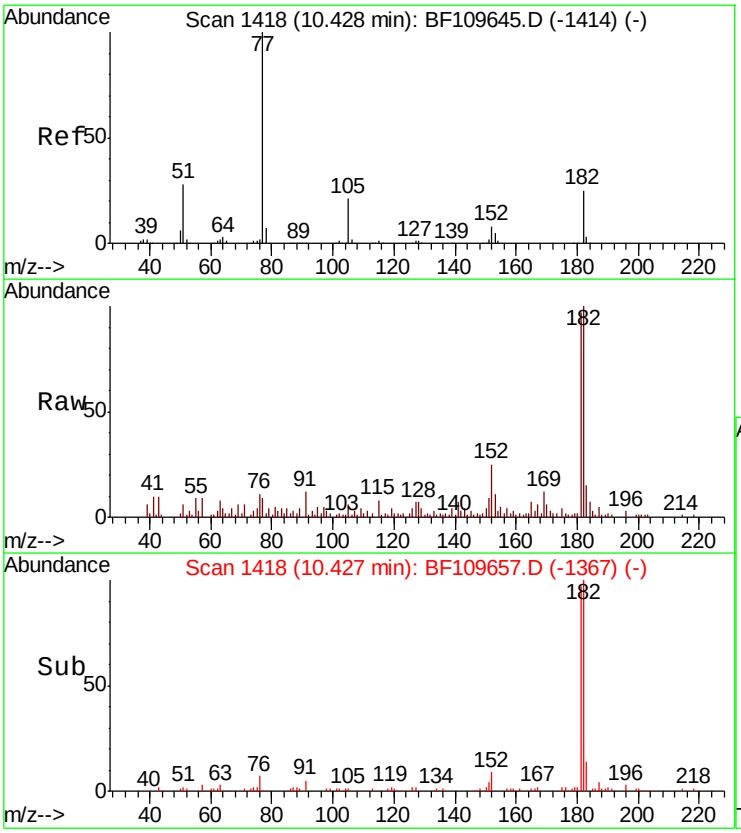
#61
4-Nitroaniline
Concen: 0.089 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:138 Resp: 216

Ion	Ratio	Lower	Upper
138	100		
92	118.3	31.7	71.7#
108	150.0	59.3	99.3#

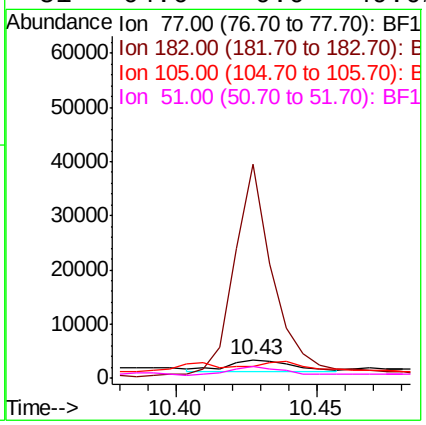


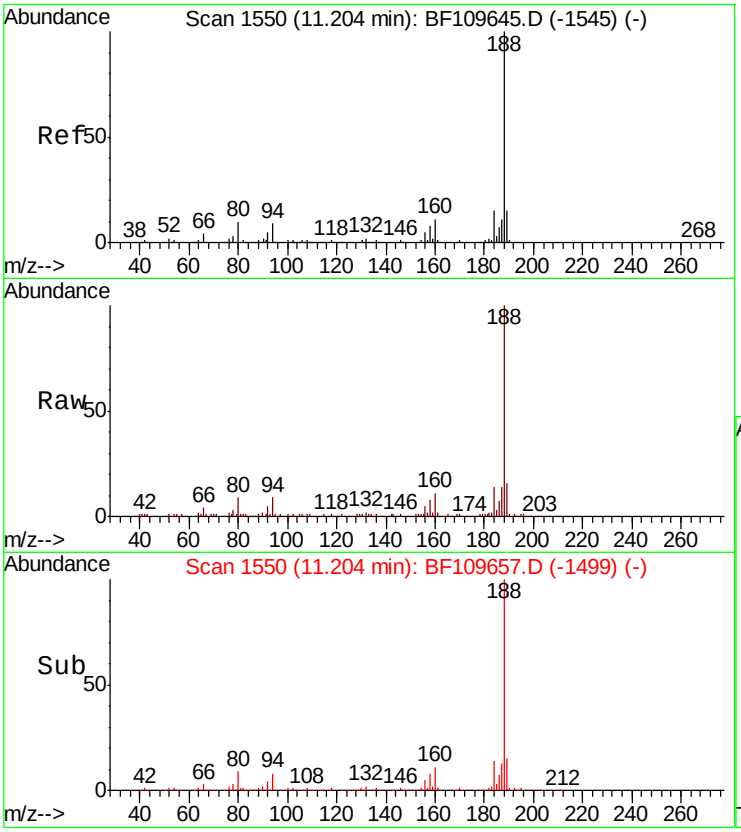


#62
Azobenzene
Concen: 0.308 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion: 77 Resp: 3360

Ion	Ratio	Lower	Upper
77	100		
182	1166.6	4.3	44.3#
105	64.3	1.3	41.3#
51	64.6	9.0	49.0#



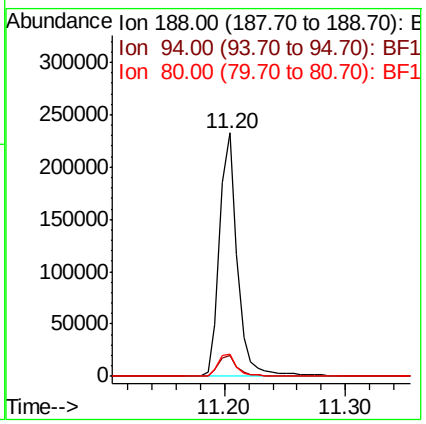


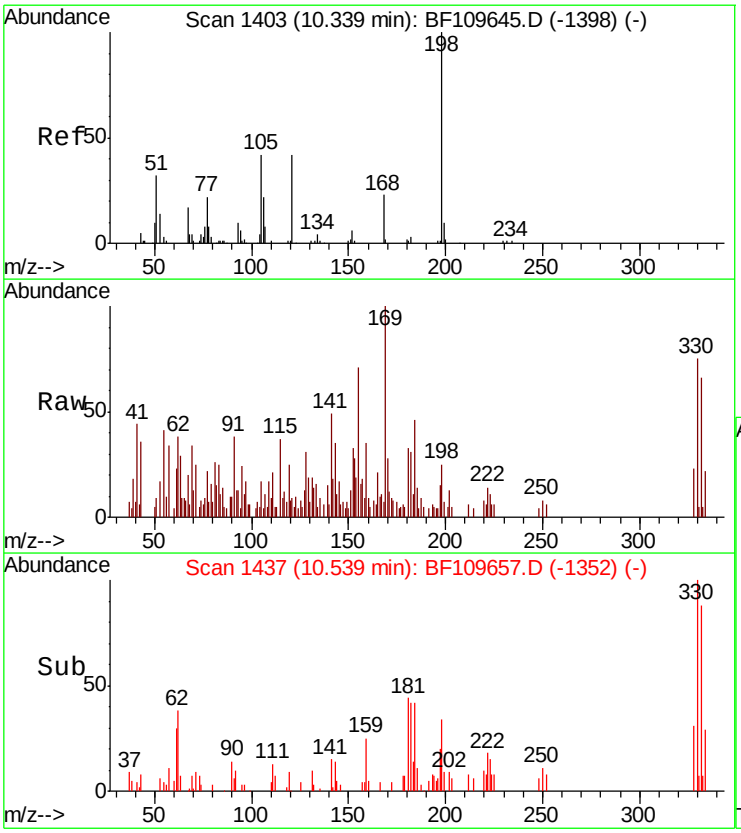
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:188 Resp: 237256

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	8.9	7.9	11.9

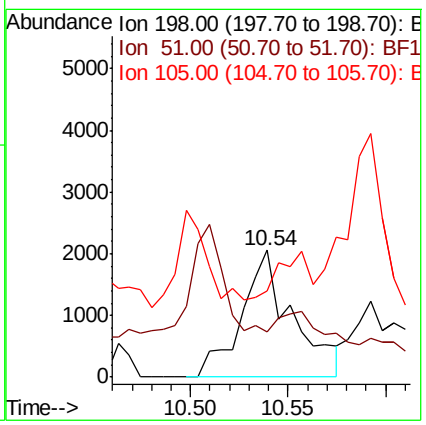


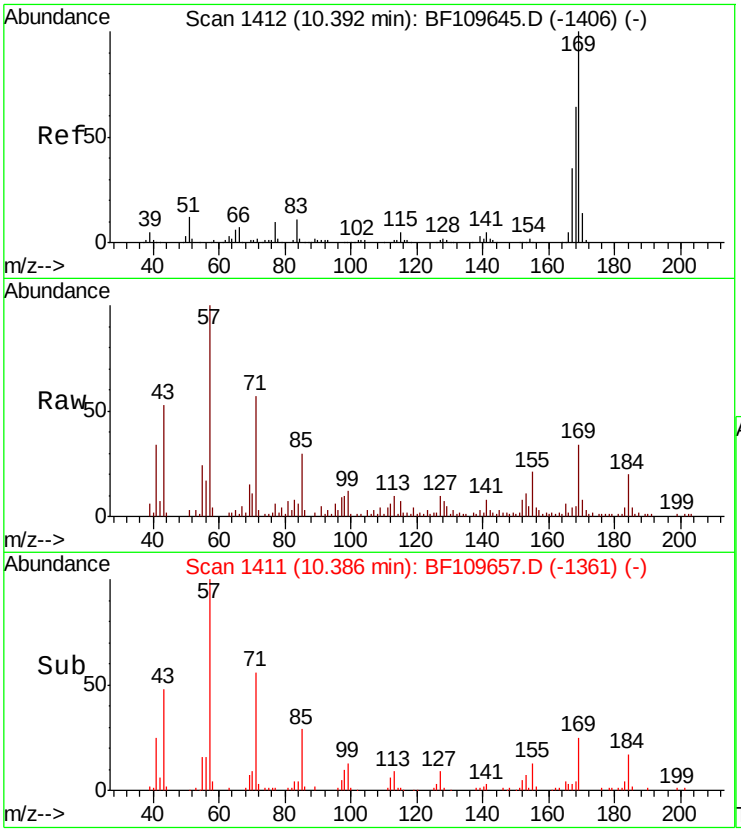


#64
4,6-Dinitro-2-methylphenol
Concen: 3.219 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.20 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:198 Resp: 3717

Ion	Ratio	Lower	Upper
198	100		
51	35.7	22.8	62.8
105	68.6	23.6	63.6#



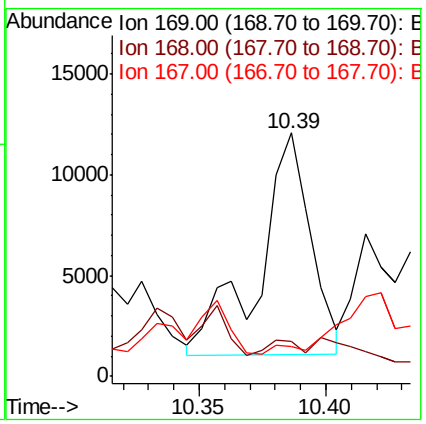


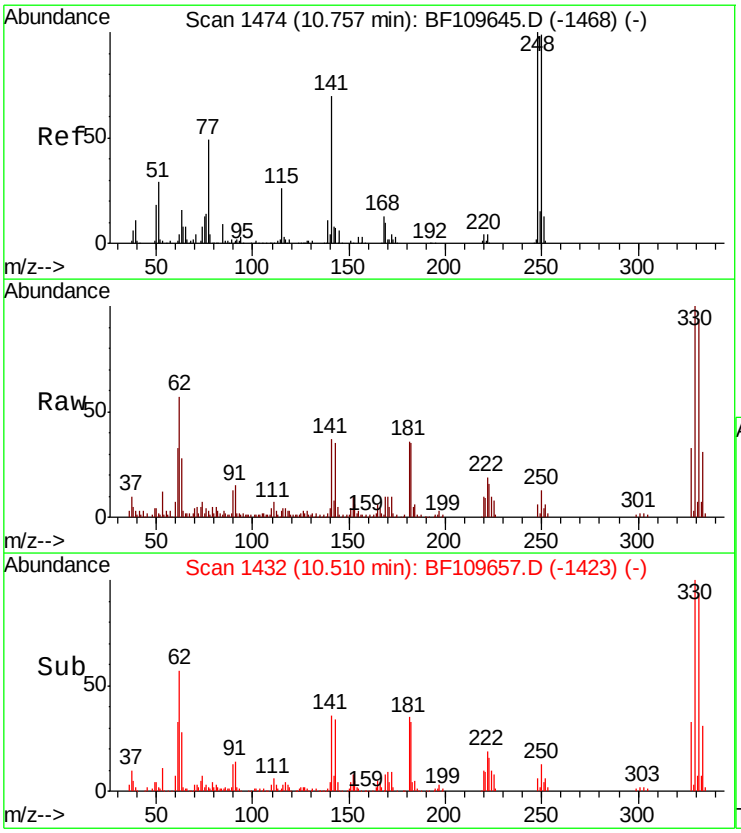
#65
n-Nitrosodiphenylamine
Concen: 1.964 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:169 Resp: 15795

Ion	Ratio	Lower	Upper
169	100		
168	14.4	51.2	76.8#
167	12.3	27.8	41.6#

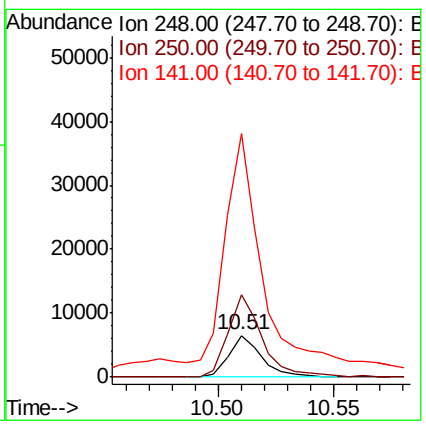


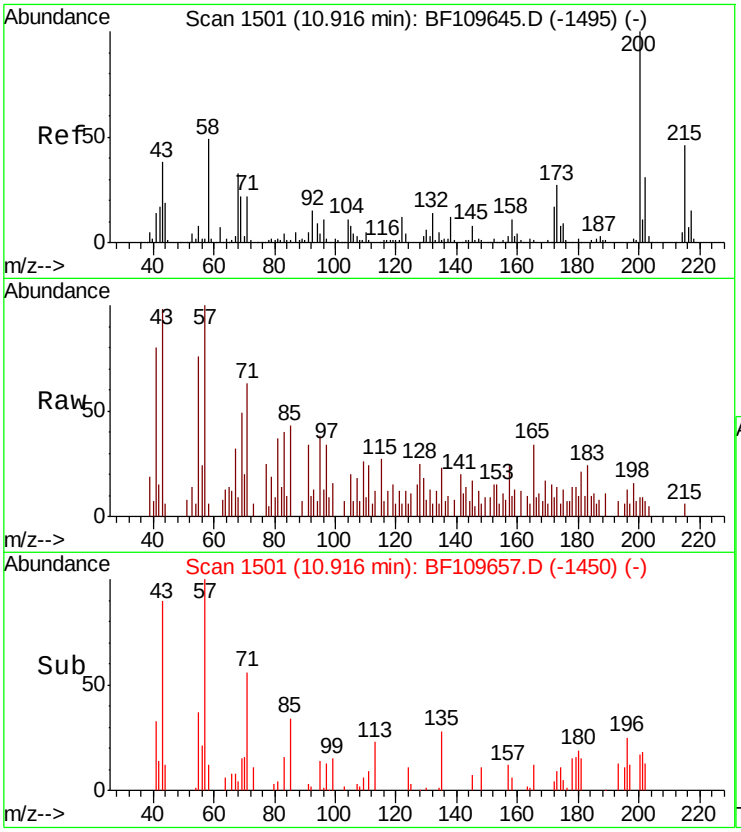


#66
4-Bromophenyl-phenylether
Concen: 2.386 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:248 Resp: 6505

Ion	Ratio	Lower	Upper
248	100		
250	196.7	79.4	119.2#
141	585.3	55.9	83.9#



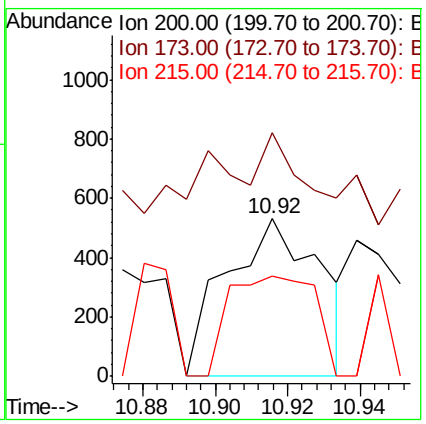


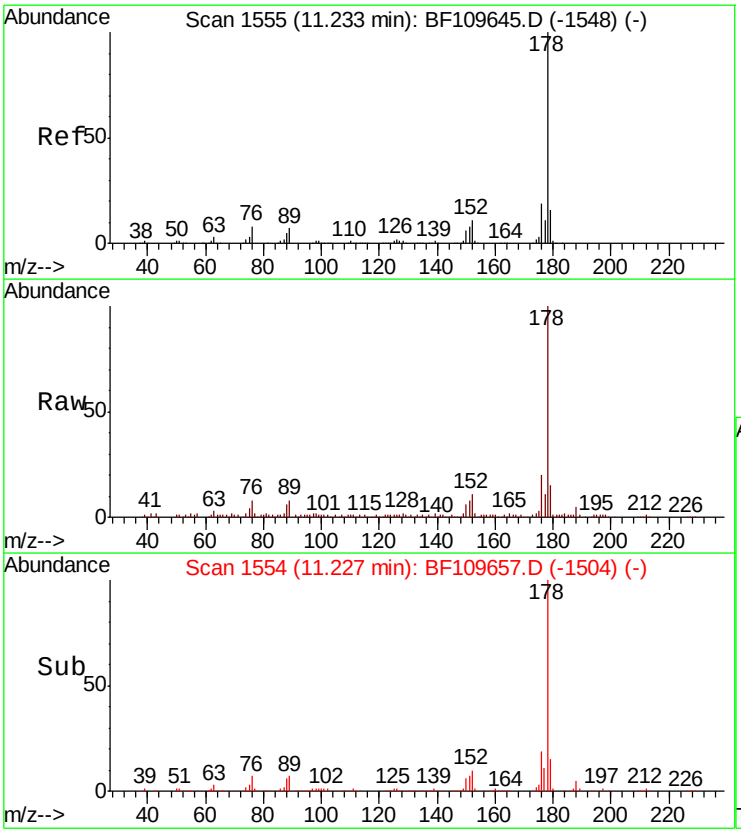
#68
Atrazine
Concen: 0.379 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:200 Resp: 952

Ion	Ratio	Lower	Upper
200	100		
173	154.9	6.6	46.6#
215	63.8	26.3	66.3

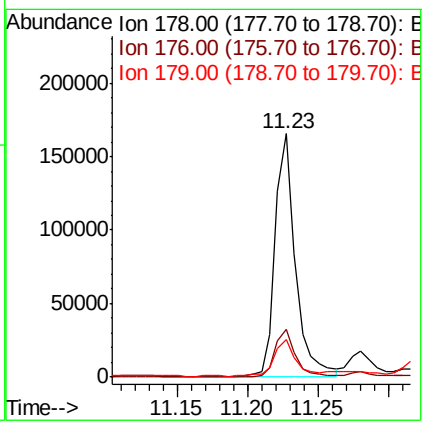


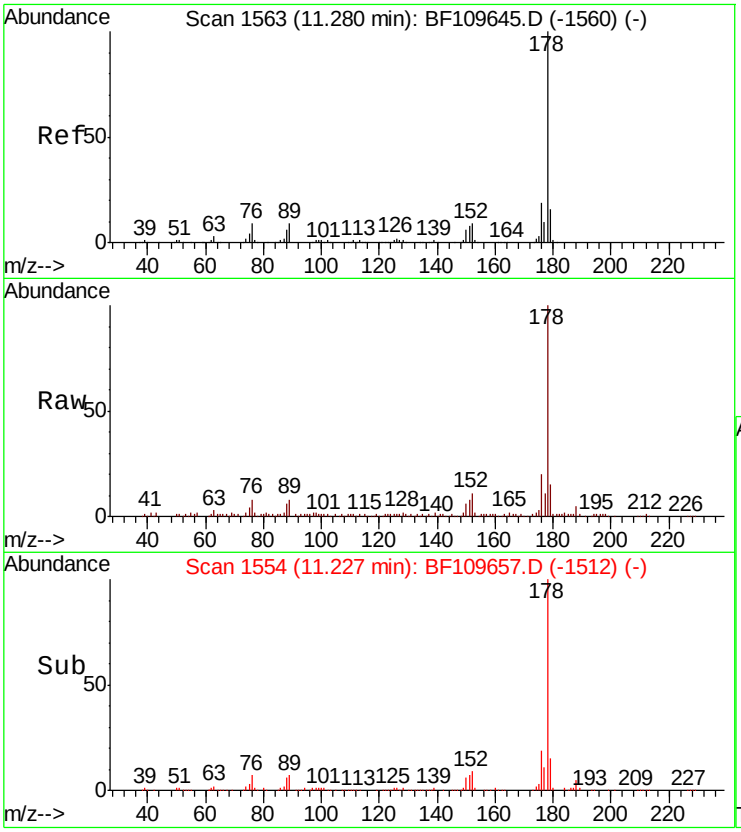


#70
Phenanthrene
Concen: 14.013 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:178 Resp: 166379

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.3	12.5	18.7



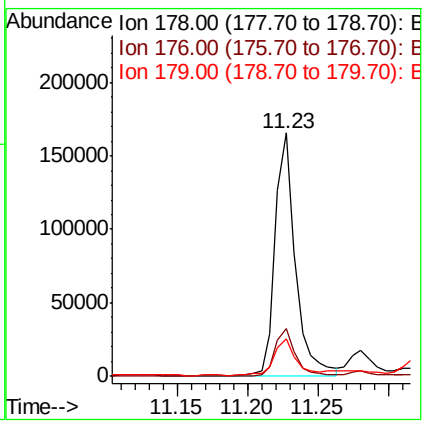


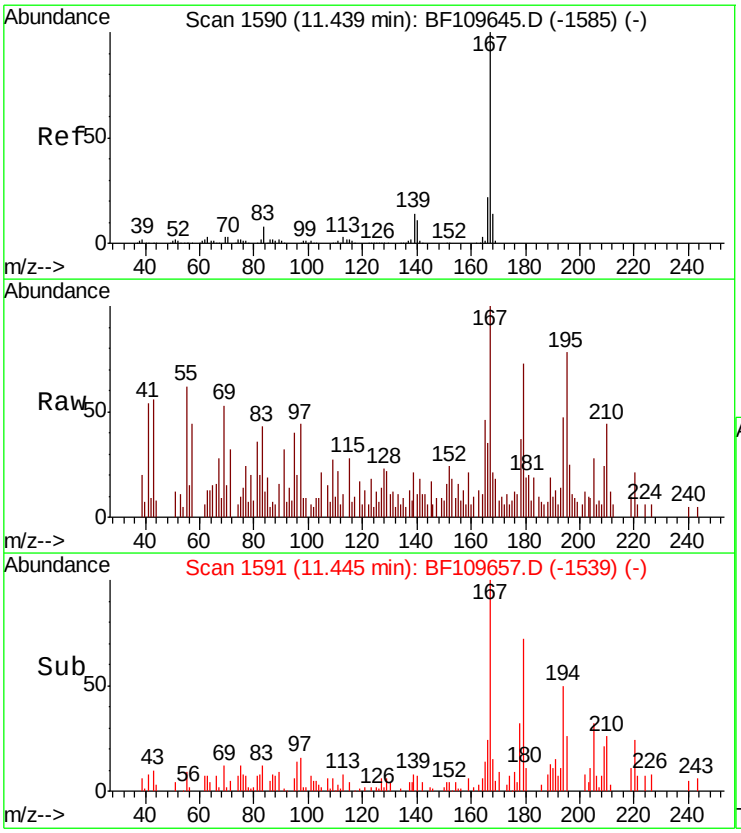
#71
Anthracene
Concen: 13.556 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.05 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:178 Resp: 166379

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.3	12.6	18.8

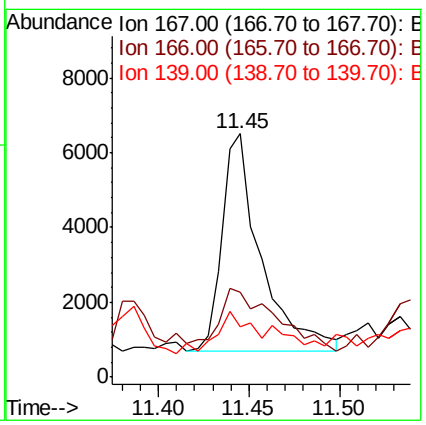


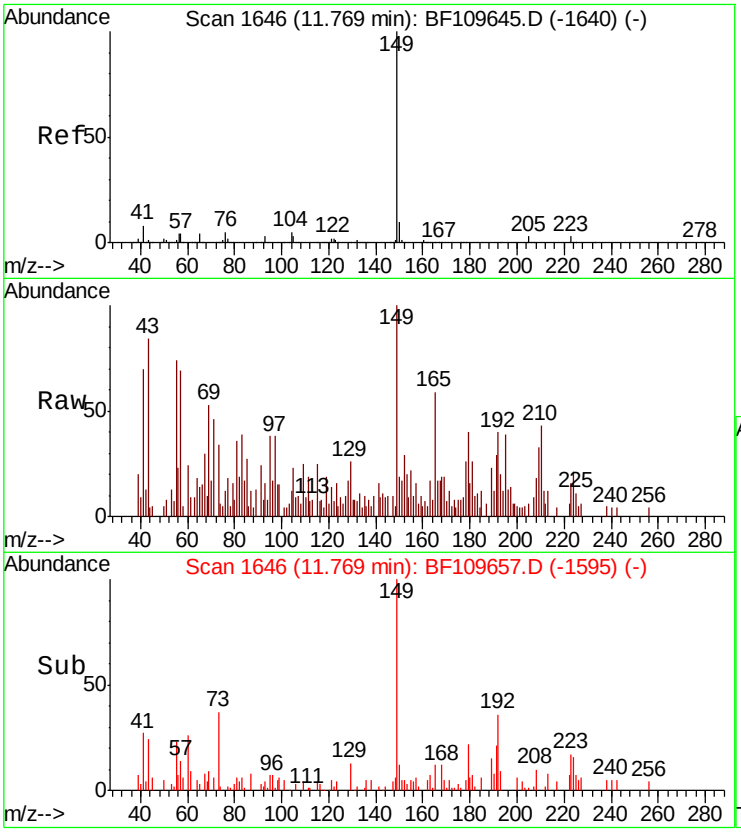


#72
Carbazole
Concen: 0.723 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:167 Resp: 8604

Ion	Ratio	Lower	Upper
167	100		
166	34.9	17.4	26.0#
139	20.5	10.9	16.3#



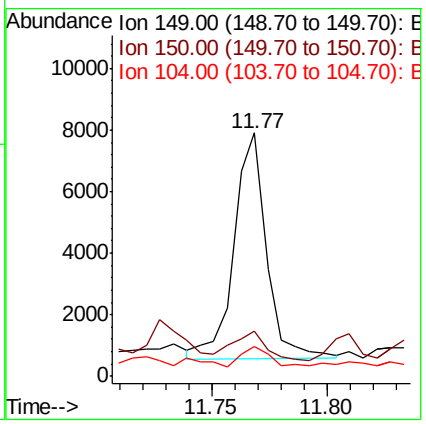


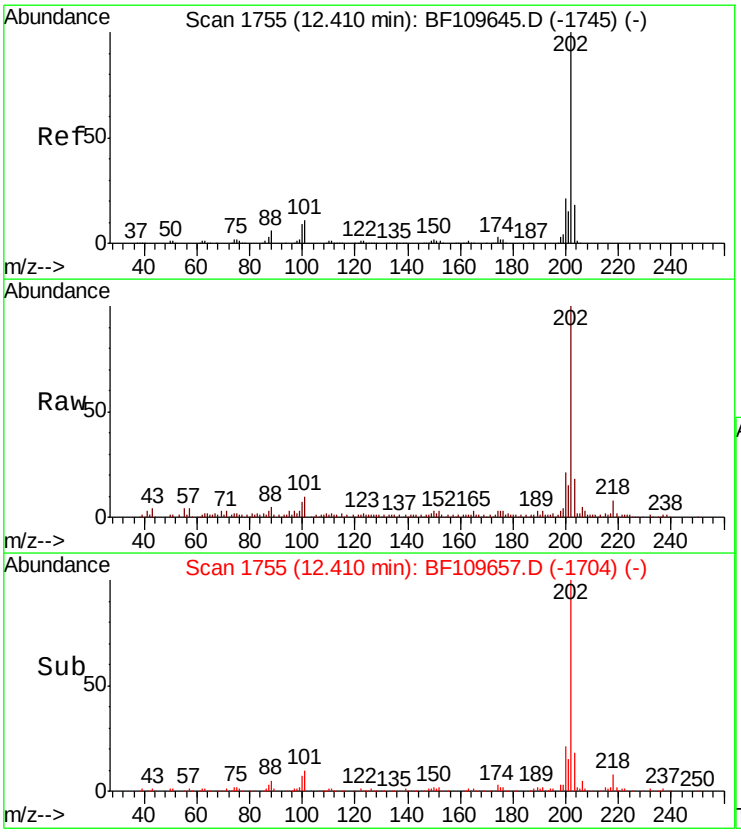
#73
Di-n-butylphthalate
Concen: 0.520 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:149 Resp: 7184

Ion	Ratio	Lower	Upper
149	100		
150	18.6	7.7	11.5#
104	12.2	4.2	6.4#

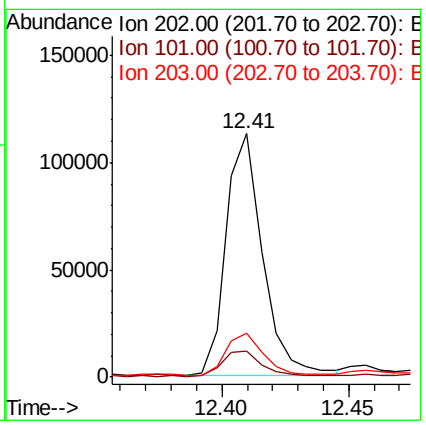


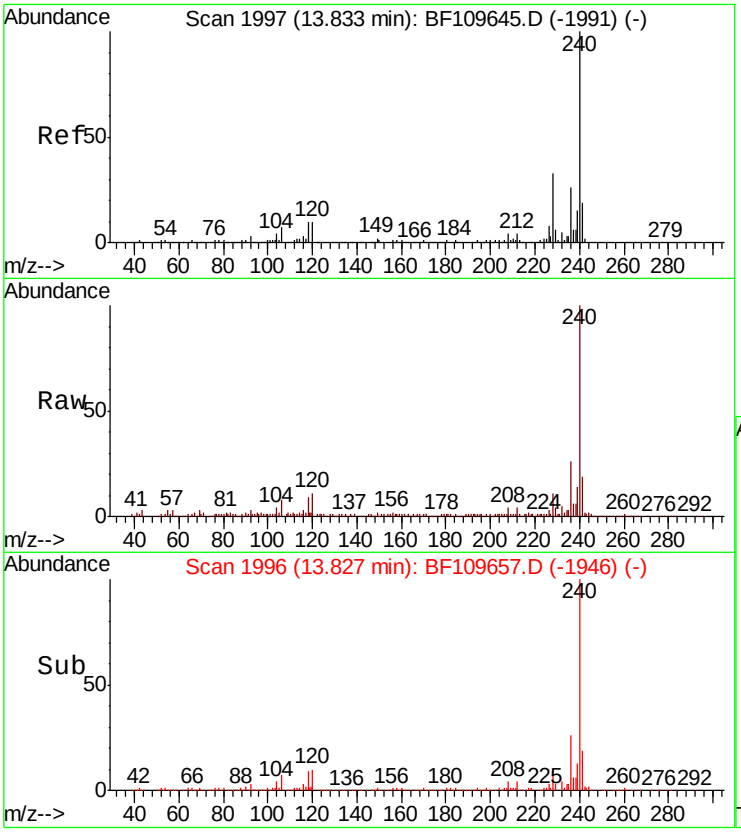


#74
Fluoranthene
Concen: 9.201 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:202 Resp: 114133

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.4
203	18.0	0.0	37.7



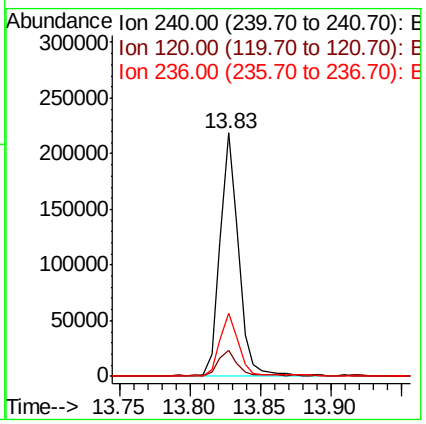


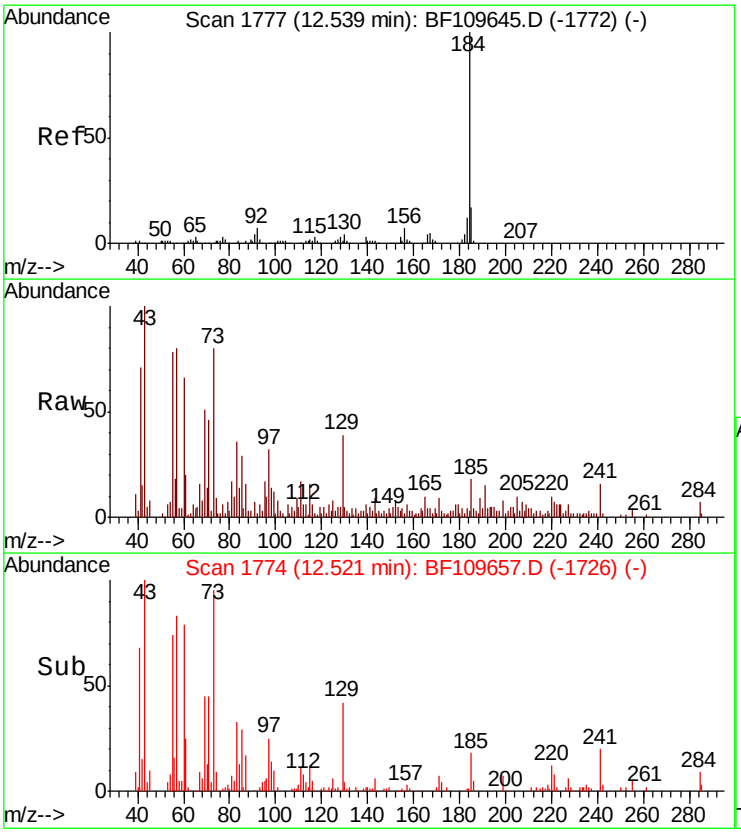
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:240 Resp: 198096

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	25.8	21.2	31.8

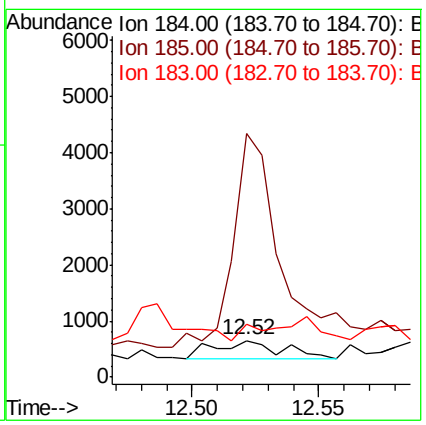


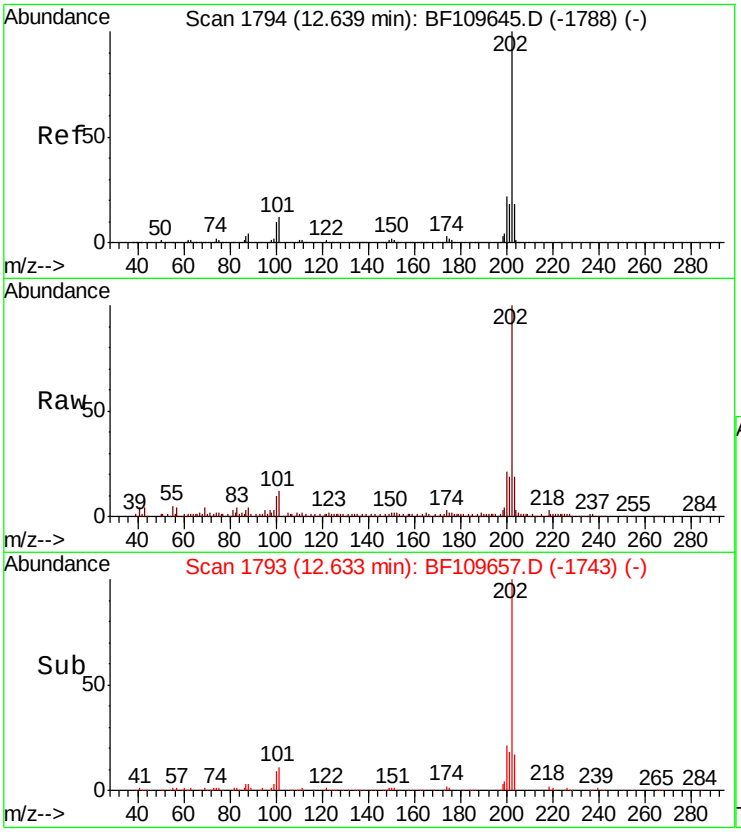


#76
Benzidine
Concen: 0.084 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:184 Resp: 616

Ion	Ratio	Lower	Upper
184	100		
185	665.6	13.4	20.2#
183	143.7	9.4	14.2#



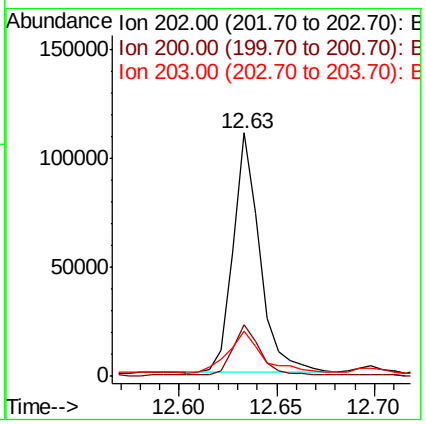


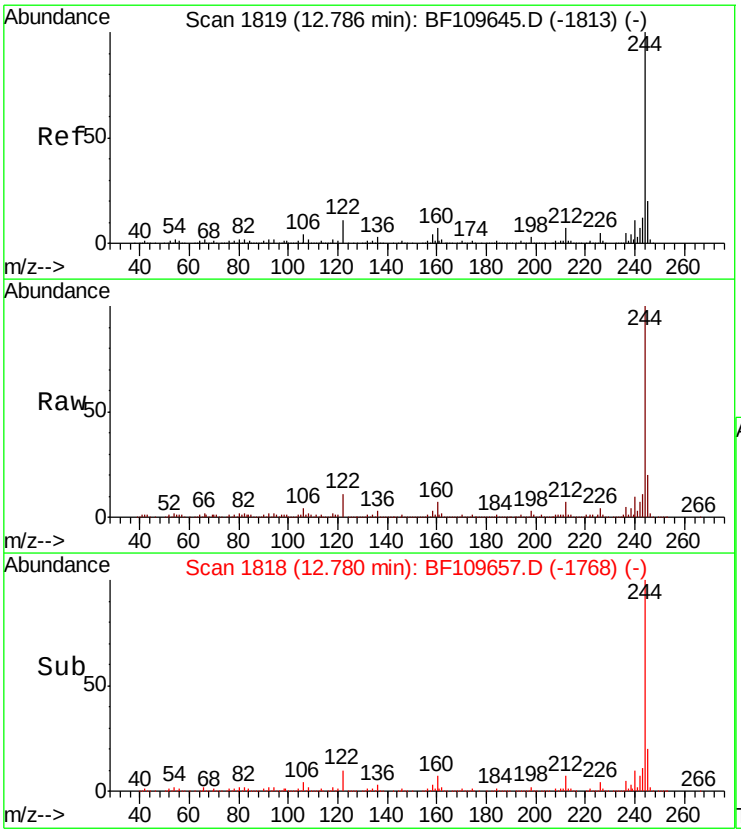
#77
Pyrene
Concen: 7.242 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:202 Resp: 105115

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	18.8	14.2	21.4

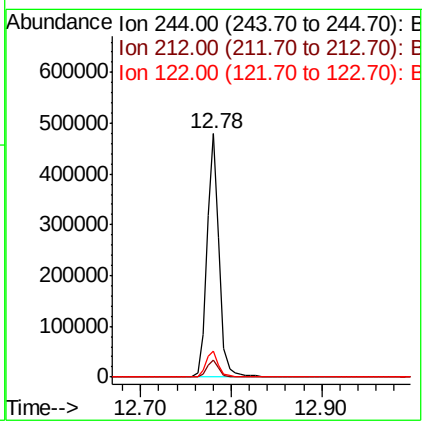


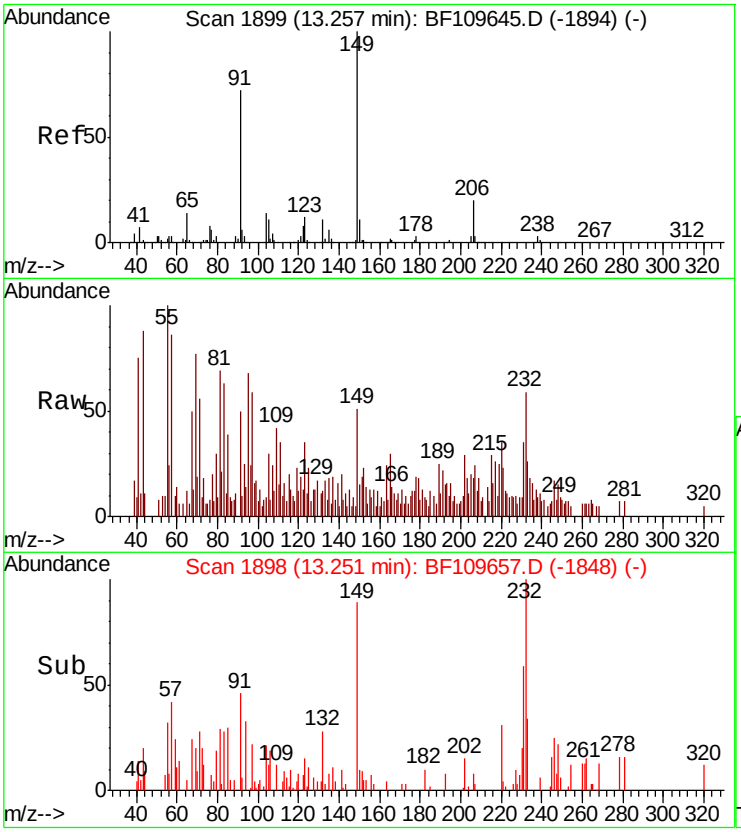


#78
Terphenyl-d14
Concen: 43.908 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:244 Resp: 449314

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.6	8.7	13.1



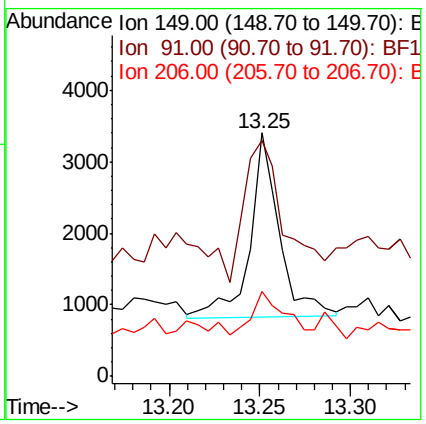


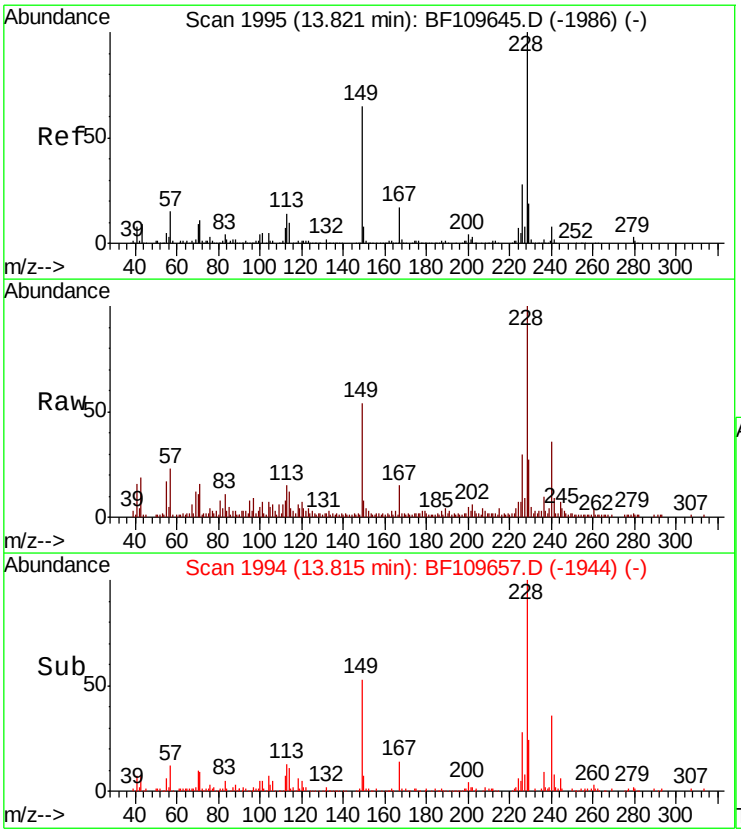
#79
Butylbenzylphthalate
Concen: 0.455 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:149 Resp: 2861

Ion	Ratio	Lower	Upper
149	100		
91	97.1	57.2	85.8#
206	34.9	15.7	23.5#

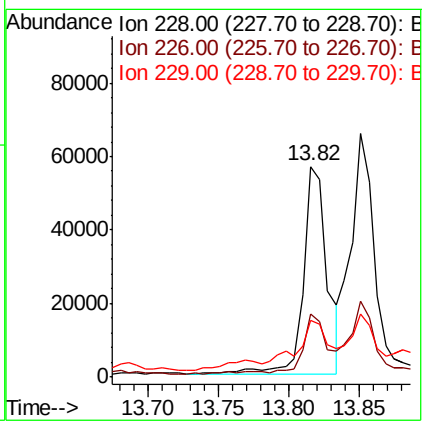


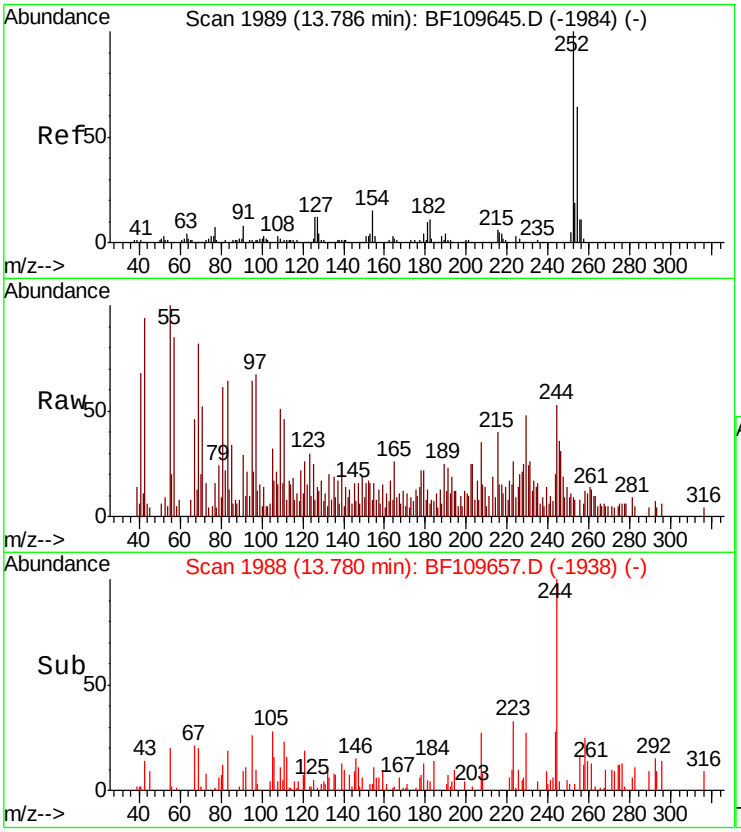


#80
Benzo(a)anthracene
Concen: 6.089 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:228 Resp: 66558

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.1	33.1
229	27.0	15.6	23.4#



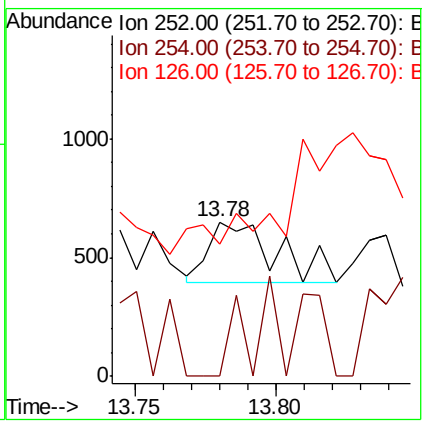


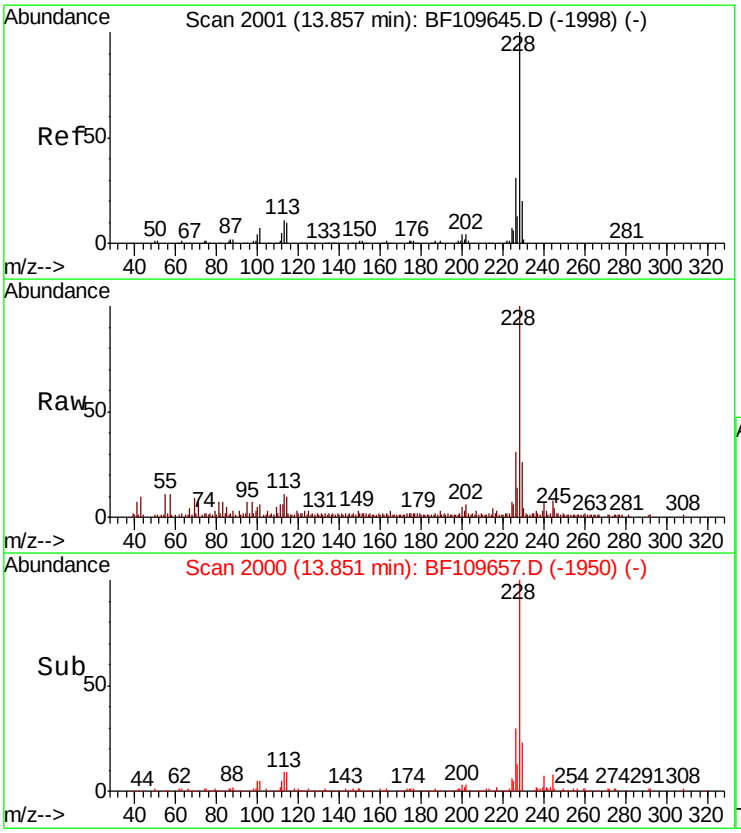
#81
3,3'-Dichlorobenzidine
Concen: 0.096 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:252 Resp: 421

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.3	76.9#
126	86.0	9.4	14.2#

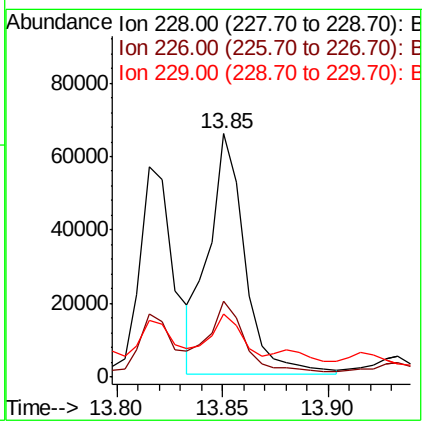


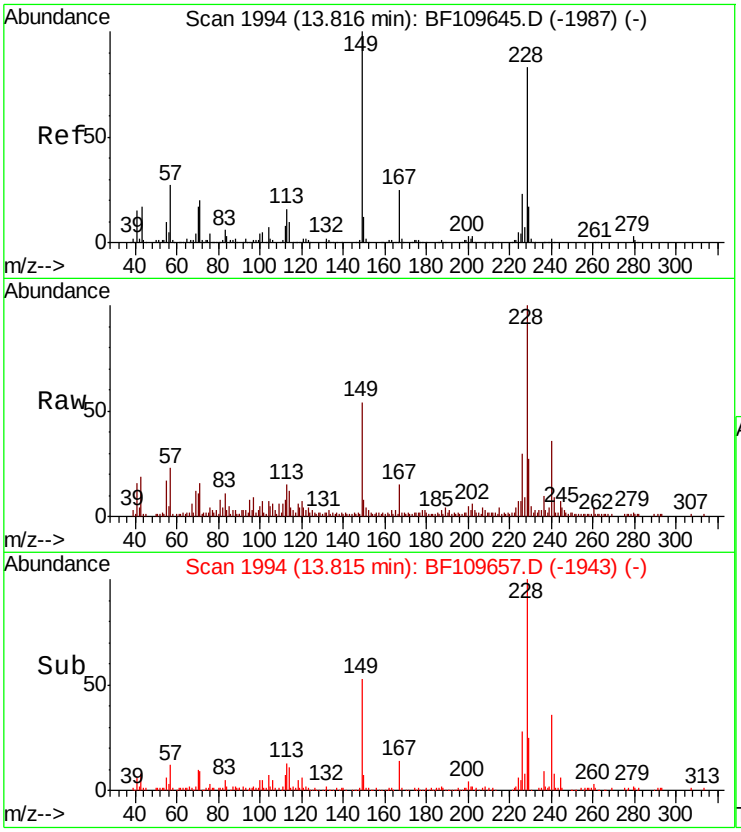


#82
Chrysene
Concen: 6.783 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:228 Resp: 77888

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	25.9	15.9	23.9#



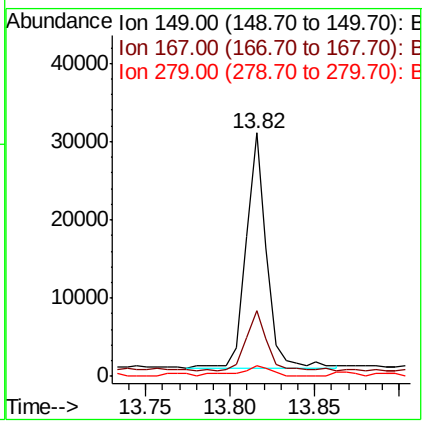


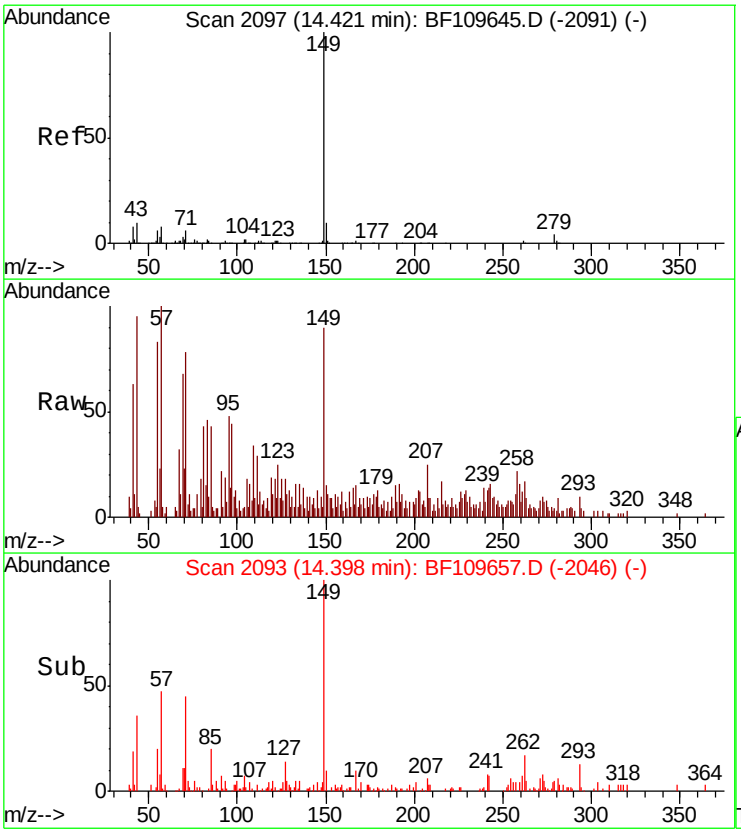
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.369 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:149 Resp: 25865

Ion	Ratio	Lower	Upper
149	100		
167	27.1	19.8	29.8
279	4.3	2.7	4.1#

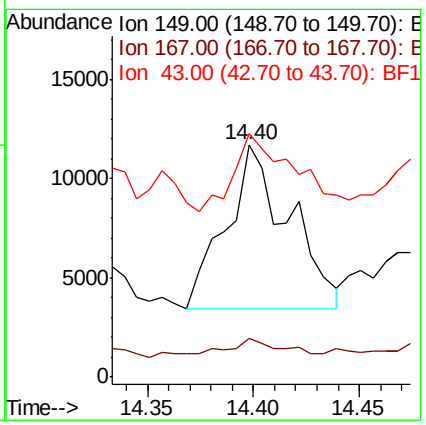


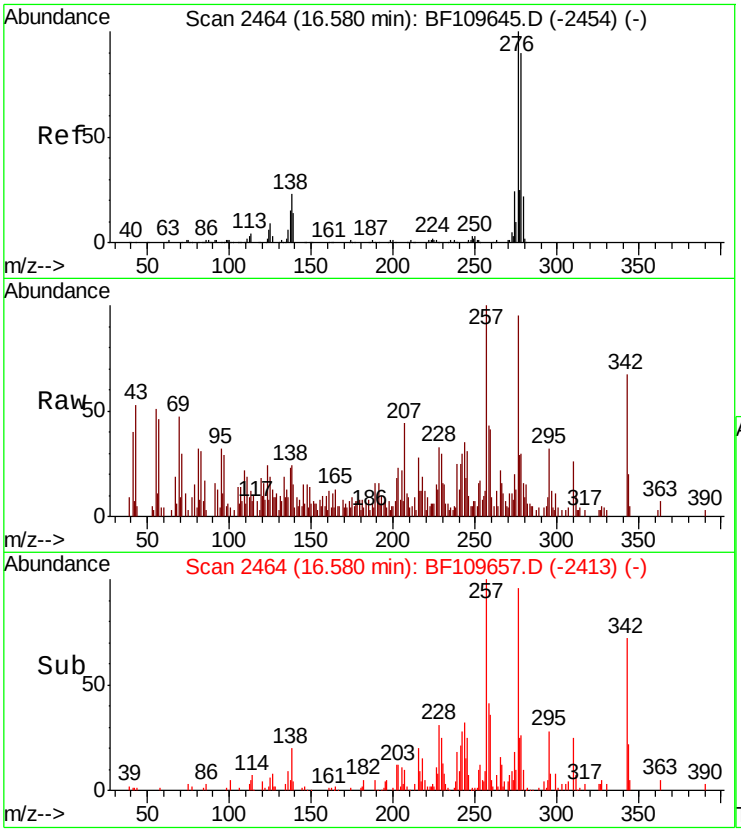


#84
Di-n-octyl phthalate
Concen: 1.416 ng
RT: 14.40 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:149 Resp: 17177

Ion	Ratio	Lower	Upper
149	100		
167	12.3	1.1	1.7#
43	45.3	7.8	11.8#



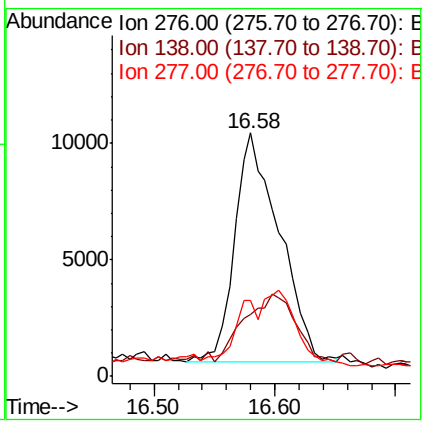


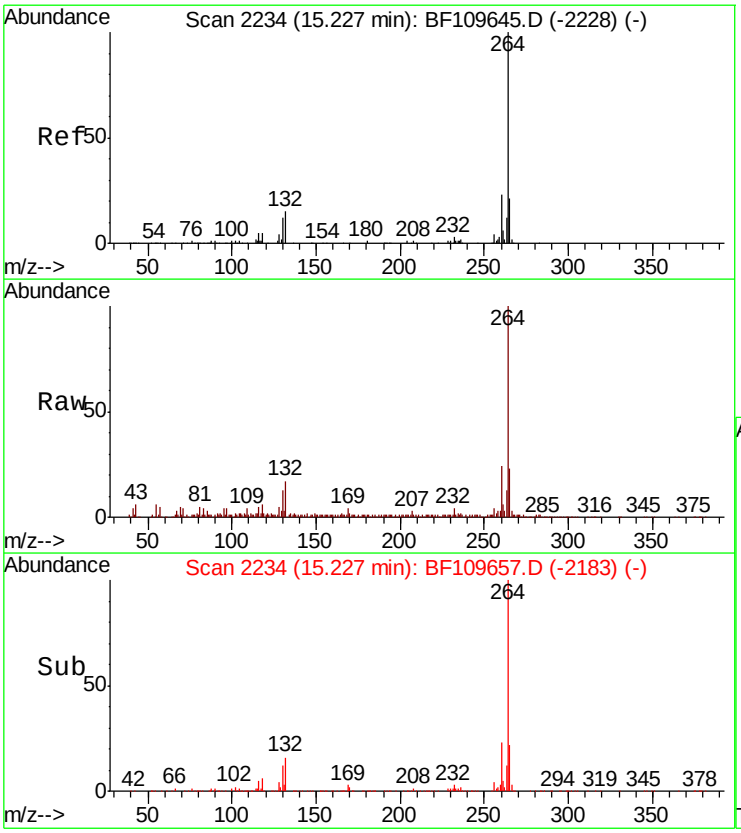
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.062 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:276 Resp: 25162

Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.5	27.7#
277	15.7	20.0	30.0#

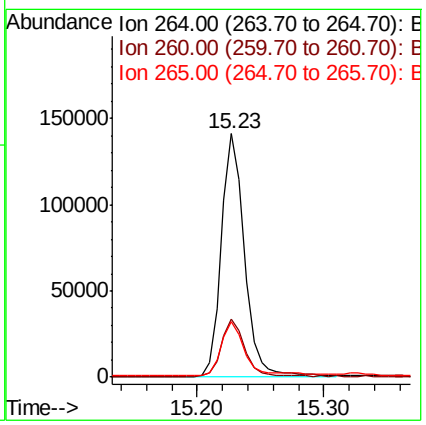


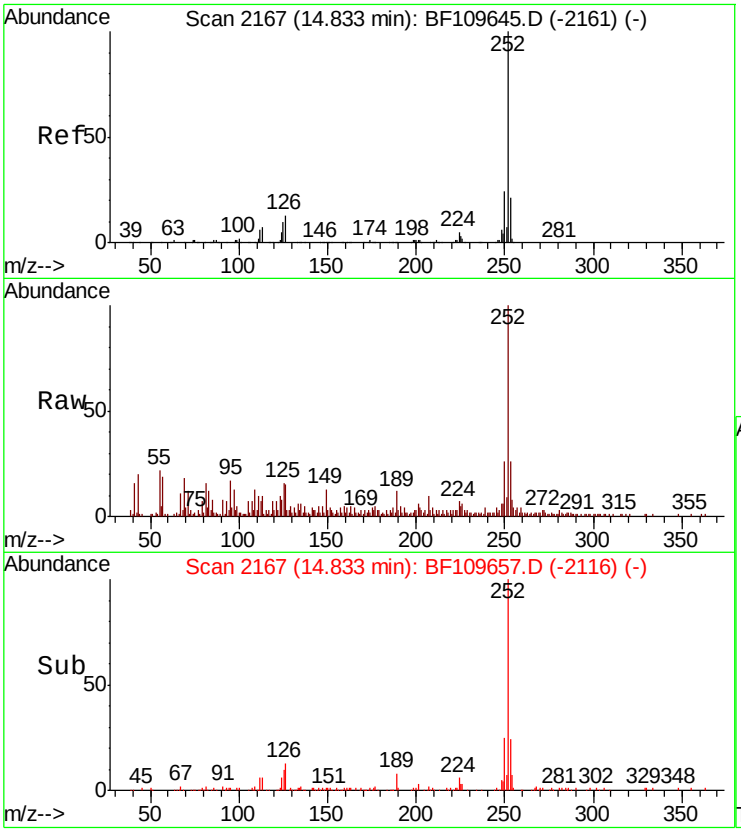


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:264 Resp: 178346

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	23.0	16.7	25.1



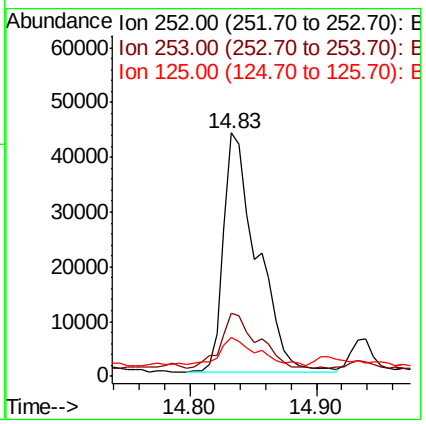


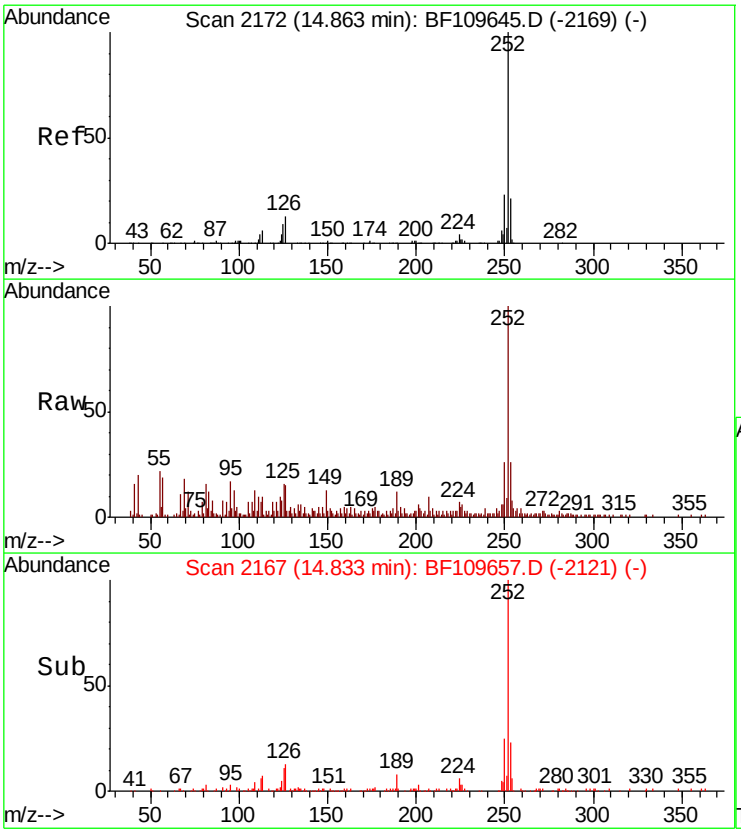
#87
Benzo(b)fluoranthene
Concen: 8.157 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:252 Resp: 80392

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.2	25.8#
125	15.8	8.2	12.4#

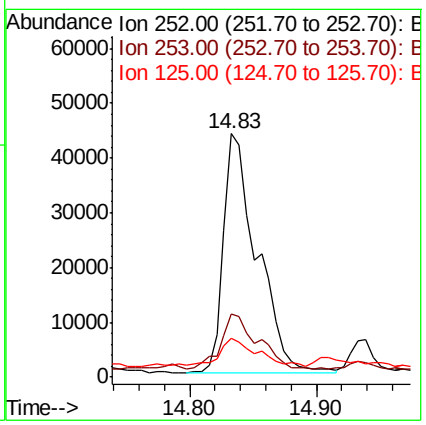


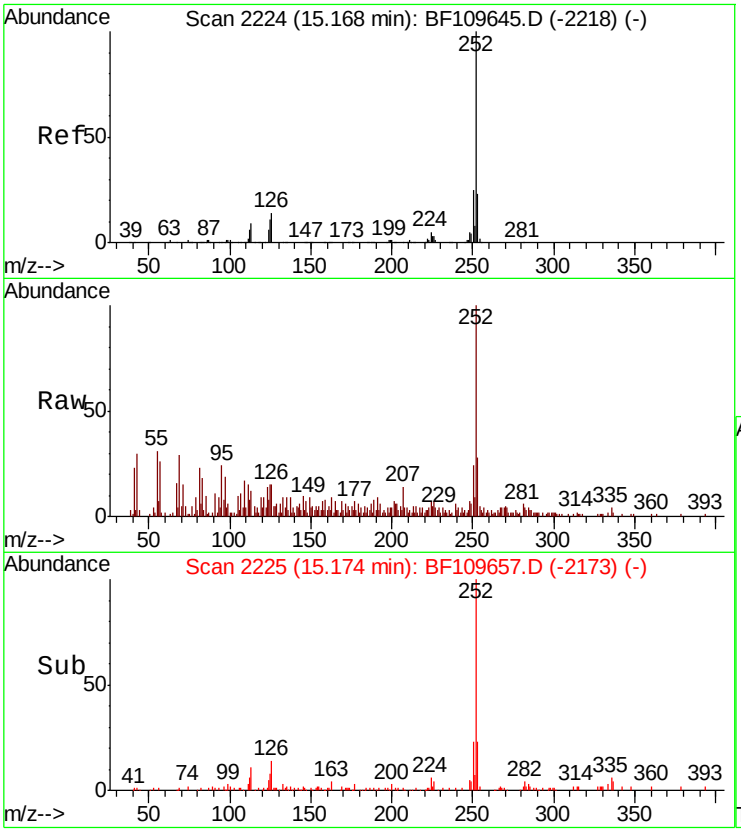


#88
Benzo(k)fluoranthene
Concen: 8.118 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:252 Resp: 80392

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.2	25.8#
125	15.8	7.4	11.0#



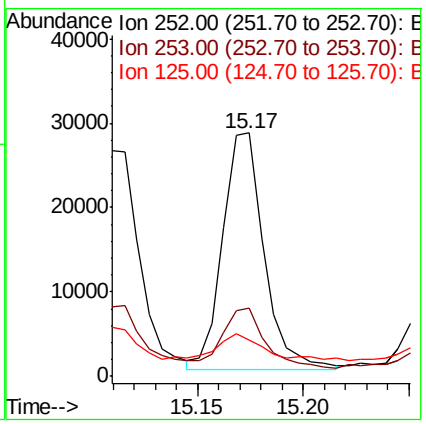


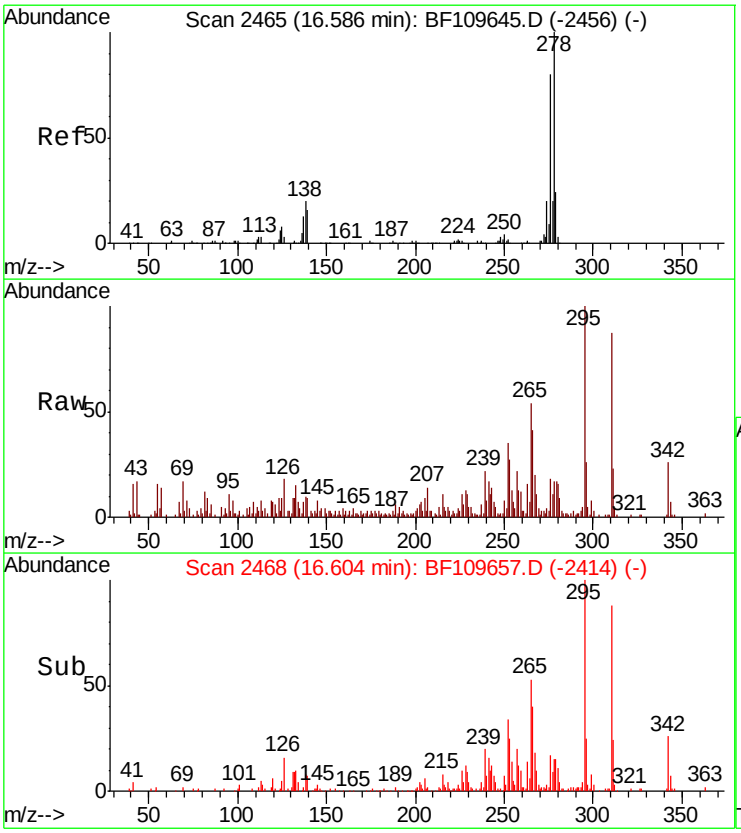
#89
Benzo(a)pyrene
Concen: 4.251 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:252 Resp: 38020

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.2	27.4#
125	15.1	9.0	13.6#

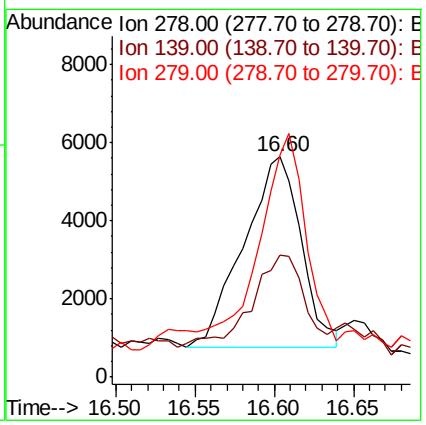


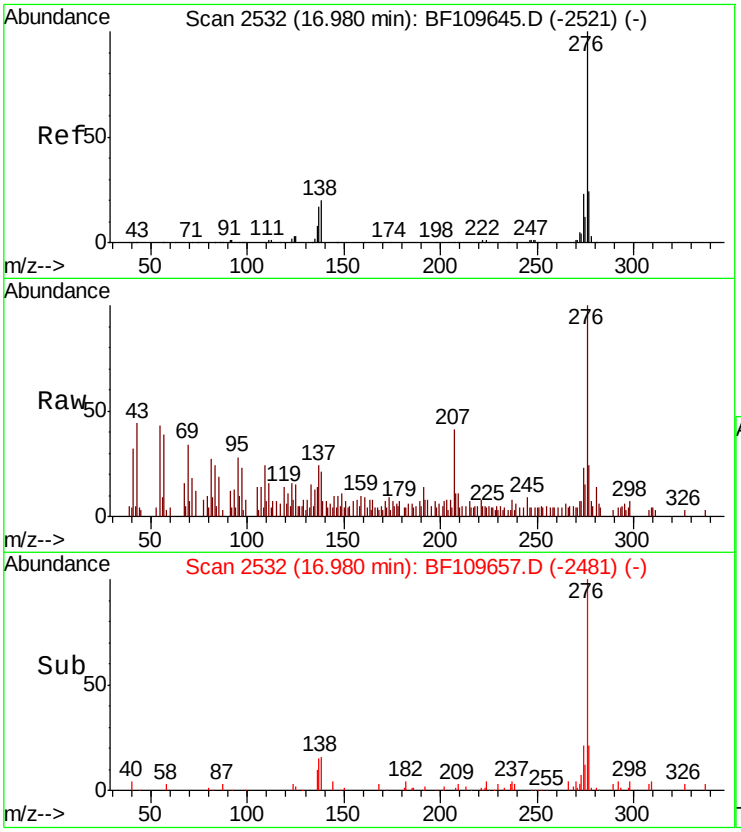


#90
Dibenzo(a,h)anthracene
Concen: 1.678 ng
RT: 16.60 min Scan# 2468
Delta R.T. 0.02 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Tgt Ion:278 Resp: 12329

Ion	Ratio	Lower	Upper
278	100		
139	55.4	12.7	19.1#
279	100.4	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 2.927 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.00 min
Lab File: BF109657.D
Acq: 8 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-B

Tgt Ion:276 Resp: 21471

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	21.5	16.0	24.0