Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107535.D
Acq On : 20 Jul 2018 20:31
Operator : JU/SJ
Sample : J4054-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 161-TP-1

Quant Time: Jul 20 22:47:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	360178	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	1403247	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	620756	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	1137982	20.00	ng		0.00
75) Chrysene-d12	14.15	240	728939	20.00	ng		-0.01
86) Perylene-d12	15.69	264	814666	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1925244	85.94	ng		0.00
7) Phenol-d6	6.61	99	2350056	87.37	ng		0.00
23) Nitrobenzene-d5	7.54	82	1385978	66.66	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	661062	93.65	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	2389585	60.76	ng		0.00
78) Terphenyl-d14	13.09	244	2067807	72.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	807	0.077	ng	#	20
3) Pyridine	3.62	79	121	0.004	ng	#	1
4) n-Nitrosodimethylamine	3.59	42	823	0.069	ng	#	1
6) Aniline	6.67	93	463	0.013	ng	#	1
8) 2-Chlorophenol	6.75	128	1112	0.046	ng	#	1
9) Benzaldehyde	6.75	77	42765	0.586	ng		89
10) Phenol	6.62	94	76451	2.417	ng	#	68
11) bis(2-Chloroethyl)ether	6.75	93	2657	0.101	ng	#	1
12) 1,3-Dichlorobenzene	7.12	146	166	0.006	ng	#	1
13) 1,4-Dichlorobenzene	7.12	146	166	0.006	ng	#	1
14) 1,2-Dichlorobenzene	7.12	146	166	0.007	ng	#	1
15) Benzyl Alcohol	7.13	79	22819	1.245	ng	#	38
16) 2,2'-oxybis(1-Chloropropan	7.33	45	424	0.010	ng		70
17) 2-Methylphenol	7.27	107	109	0.005	ng	#	5
18) Hexachloroethane	7.42	117	107	0.011	ng	#	20
19) n-Nitroso-di-n-propylamine	7.54	70	189950	10.931	ng	#	80
20) 3+4-Methylphenols	7.34	107	107	0.004	ng	#	5
22) Acetophenone	7.38	105	789	0.024	ng	#	1
24) Nitrobenzene	7.54	77	5548	0.233	ng	#	34
25) Isophorone	7.54	82	1385969	31.218	ng	#	64
26) 2-Nitrophenol	8.07	139	148	0.015	ng	#	1
27) 2,4-Dimethylphenol	8.07	122	117	0.006	ng	#	14
28) bis(2-Chloroethoxy)methane	7.85	93	131	0.004	ng	#	49
31) Naphthalene	8.28	128	2746	0.045	ng	#	80
32) Benzoic acid	8.07	122	117	7.907	ng	#	87
33) 4-Chloroaniline	8.31	127	130	0.005	ng	#	46
35) Caprolactam	8.88	113	157	0.025	ng	#	54
36) 4-Chloro-3-methylphenol	8.81	107	127	0.006	ng	#	20
37) 2-Methylnaphthalene	8.98	142	2042	0.048	ng		97
45) 1,1'-Biphenyl	9.43	154	5499	0.102	ng		87
46) 2-Chloronaphthalene	9.72	162	2564	0.062	ng	#	1
47) 2-Nitroaniline	9.44	65	160	0.013	ng	#	2
48) Acenaphthylene	9.88	152	6051	0.097	ng	#	93
49) Dimethylphthalate	9.72	163	273952	5.856	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107535.D
Acq On : 20 Jul 2018 20:31
Operator : JU/SJ
Sample : J4054-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 161-TP-1

Quant Time: Jul 20 22:47:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) 2,6-Dinitrotoluene	9.72	165	5113	0.550	ng	#	12
51) Acenaphthene	10.04	154	714	0.018	ng	#	73
52) 3-Nitroaniline	9.99	138	120	0.011	ng	#	2
54) Dibenzofuran	10.22	168	1902	0.033	ng	#	74
55) 4-Nitrophenol	10.12	139	831	0.098	ng	#	1
56) 2,4-Dinitrotoluene	10.01	165	80777	7.204	ng	#	23
57) Fluorene	10.57	166	1787	0.044	ng	#	57
58) 2,3,4,6-Tetrachlorophenol	10.31	232	123	0.011	ng	#	1
59) Diethylphthalate	10.42	149	2442	0.050	ng	#	86
60) 4-Chlorophenyl-phenylether	10.55	204	139	0.006	ng	#	41
61) 4-Nitroaniline	10.59	138	451	0.048	ng	#	55
62) Azobenzene	10.71	77	795	0.017	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.81	198	1175	8.856	ng	#	1
65) n-Nitrosodiphenylamine	10.67	169	945	0.024	ng	#	74
66) 4-Bromophenyl-phenylether	10.81	248	40335	3.011	ng	#	1
67) Hexachlorobenzene	11.28	284	107	0.007	ng	#	37
68) Atrazine	11.15	200	106	0.009	ng	#	1
69) Pentachlorophenol	11.32	266	127	0.014	ng	#	19
70) Phenanthrene	11.53	178	18090	0.326	ng	#	93
71) Anthracene	11.58	178	3266	0.058	ng	#	49
72) Carbazole	11.75	167	4139	0.071	ng	#	19
73) Di-n-butylphthalate	12.06	149	7823	Below Cal		#	75
74) Fluoranthene	12.72	202	38471	0.647	ng		94
76) Benzidine	12.77	184	1402	0.067	ng	#	1
77) Pyrene	12.95	202	37713	0.756	ng		94
79) Butylbenzylphthalate	13.39	149	648	0.030	ng		97
80) Benzo(a)anthracene	14.14	228	15994	0.374	ng	#	65
81) 3,3'-Dichlorobenzidine	14.11	252	309	Below Cal		#	1
82) Chrysene	14.18	228	17814	0.434	ng	#	74
83) Bis(2-ethylhexyl)phthalate	14.11	149	23717	0.784	ng	#	85
84) Di-n-octyl phthalate	14.74	149	2506	0.053	ng	#	1
85) Indeno(1,2,3-cd)pyrene	17.25	276	15498	0.446	ng		94
87) Benzo(b)fluoranthene	15.23	252	32988	0.740	ng	#	1
88) Benzo(k)fluoranthene	15.23	252	32988	0.755	ng	#	1
89) Benzo(a)pyrene	15.62	252	17307	0.424	ng	#	1
90) Dibenzo(a,h)anthracene	17.27	278	5022	0.142	ng	#	1
91) Benzo(g,h,i)perylene	17.72	276	17438	0.501	ng	#	48

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
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Sample : J4054-06
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Instrument :
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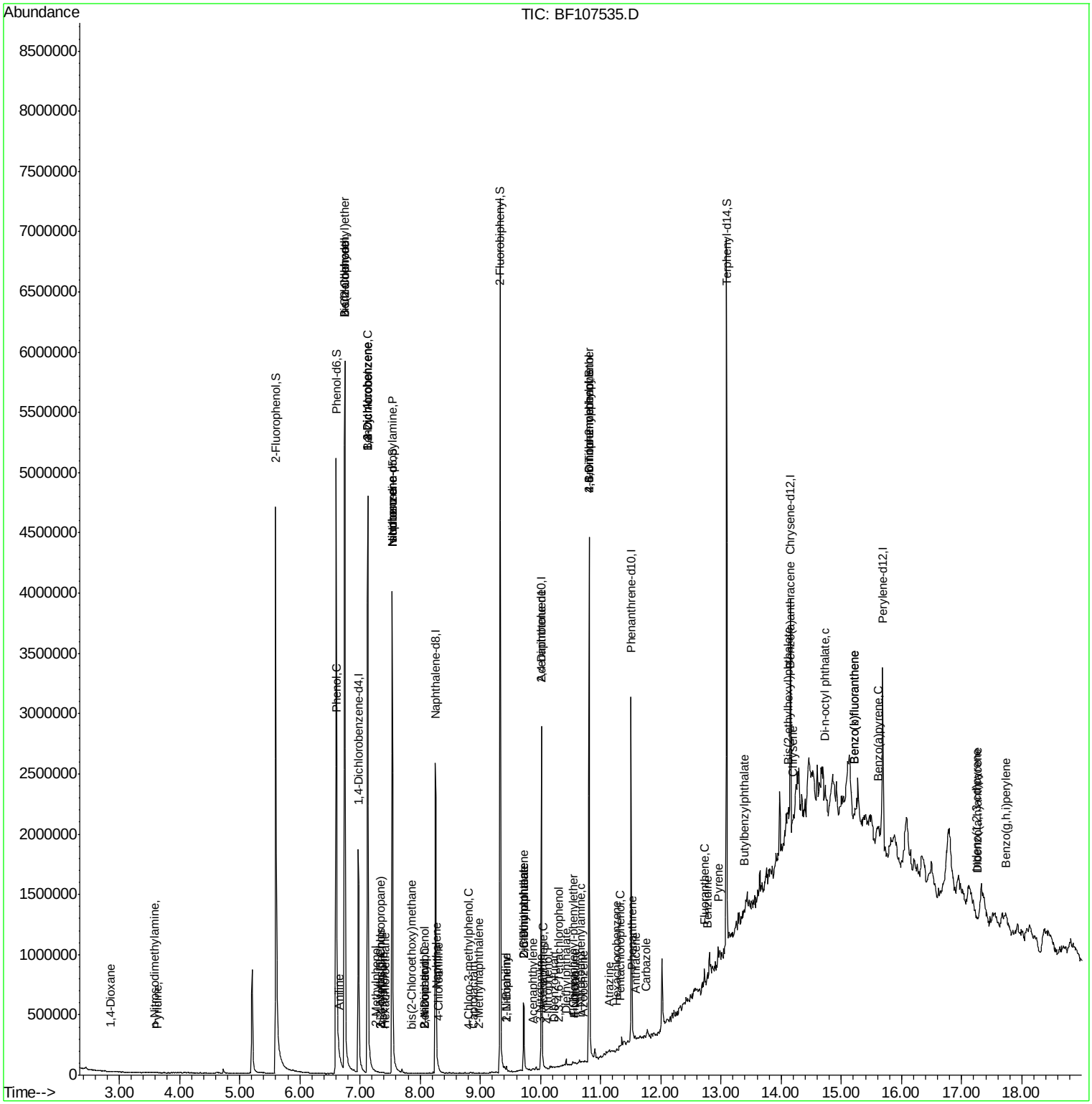
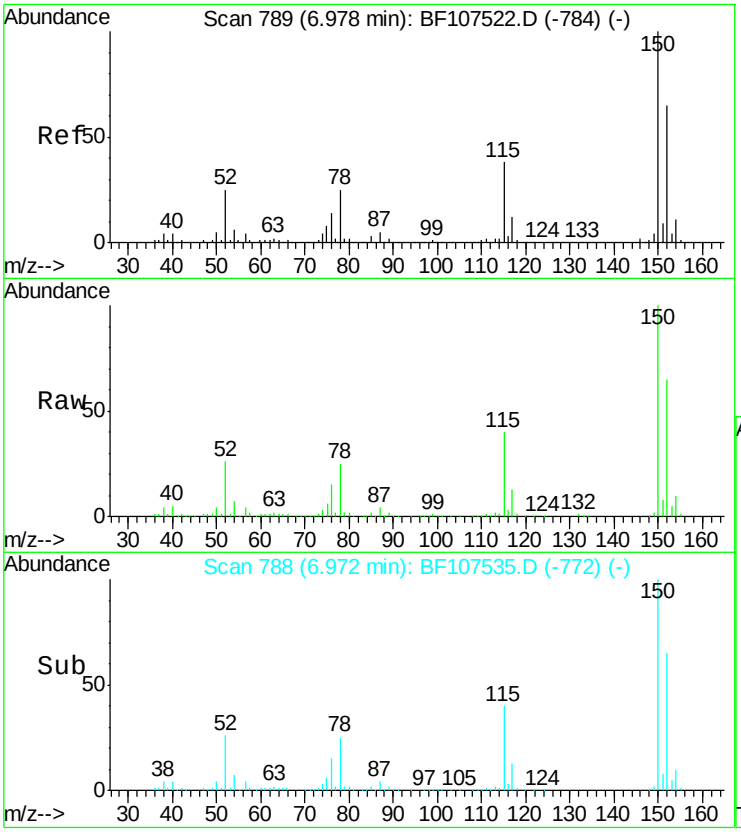
161-TP-1

Quant Time: Jul 20 22:47:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



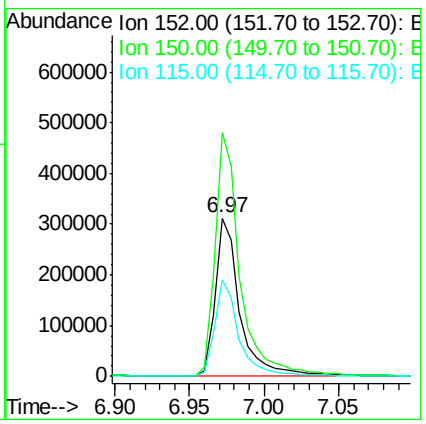


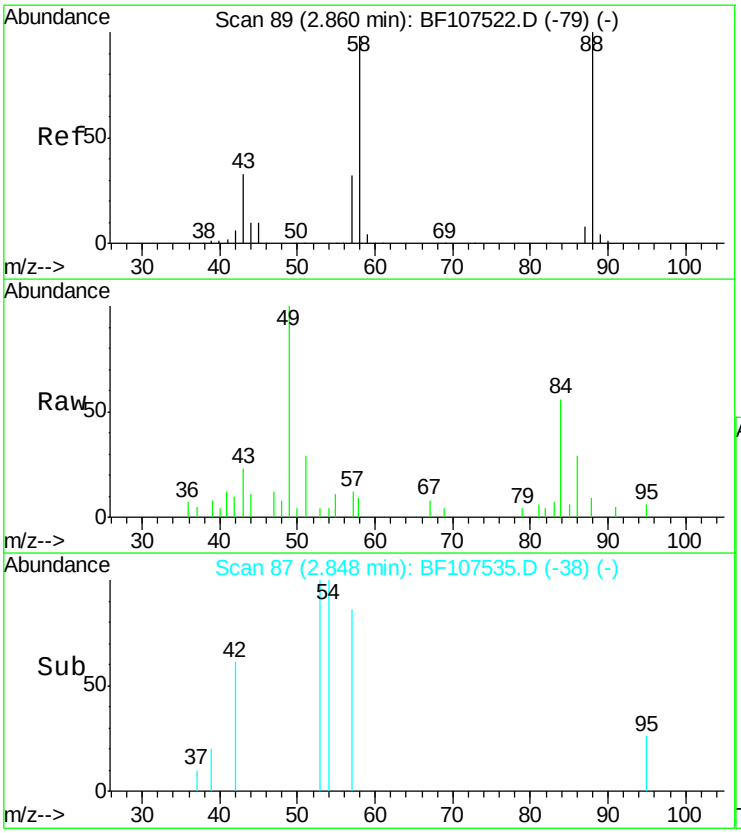
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:152 Resp: 360178

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	61.0	50.1	75.1

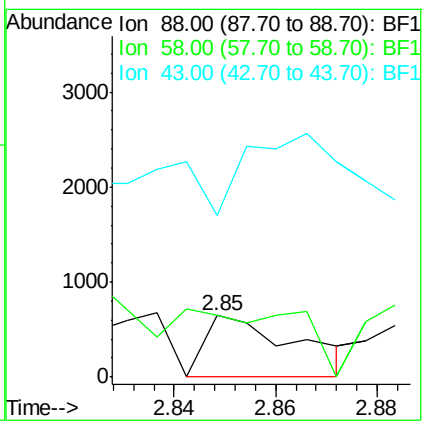


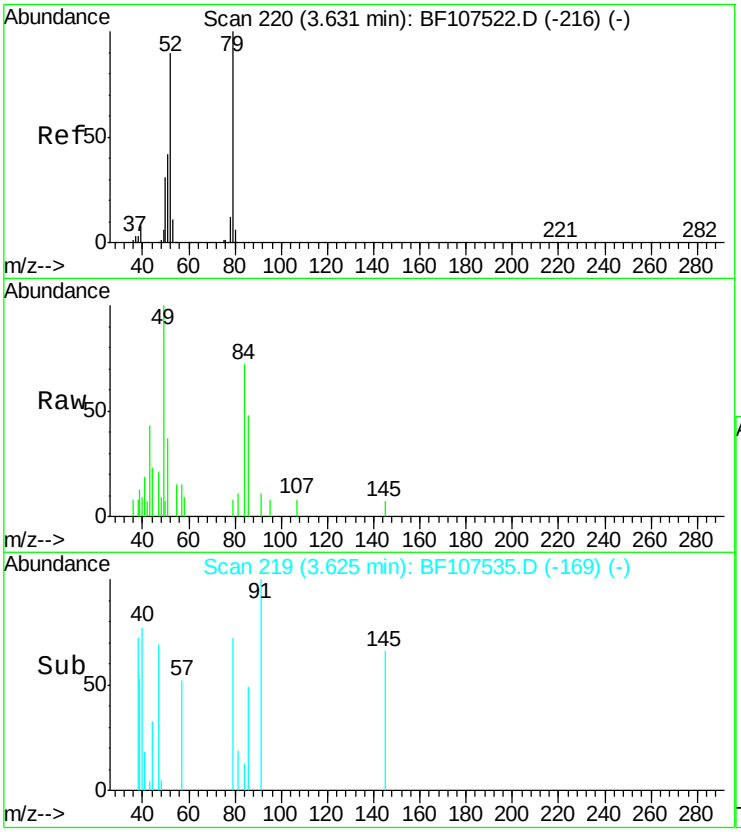


#2
1,4-Dioxane
Concen: 0.077 ng
RT: 2.85 min Scan# 87
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion: 88 Resp: 807

Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	61.6	24.6	37.0#



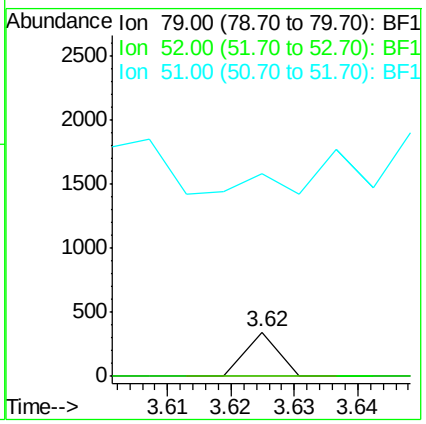


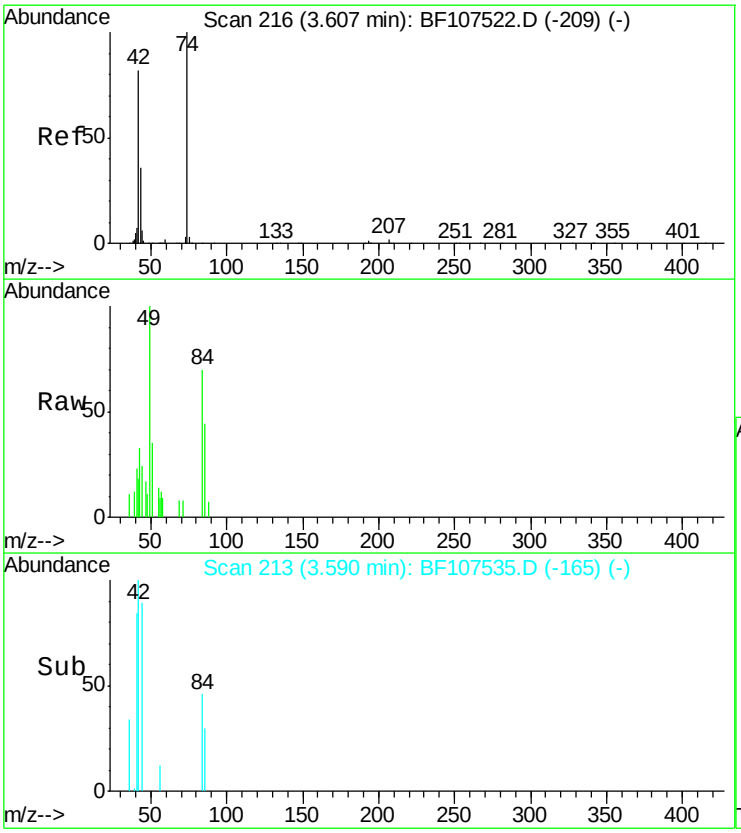
#3
Pyridine
Concen: 0.004 ng
RT: 3.62 min Scan# 219
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion: 79 Resp: 121

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	459.2	29.8	44.8#

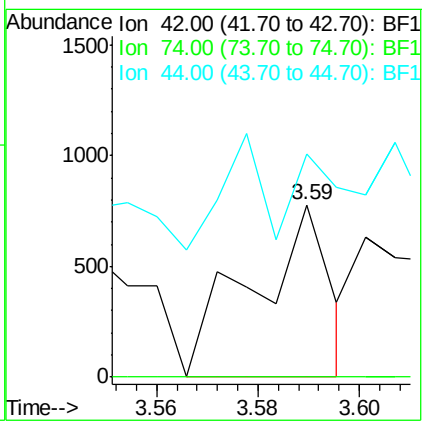


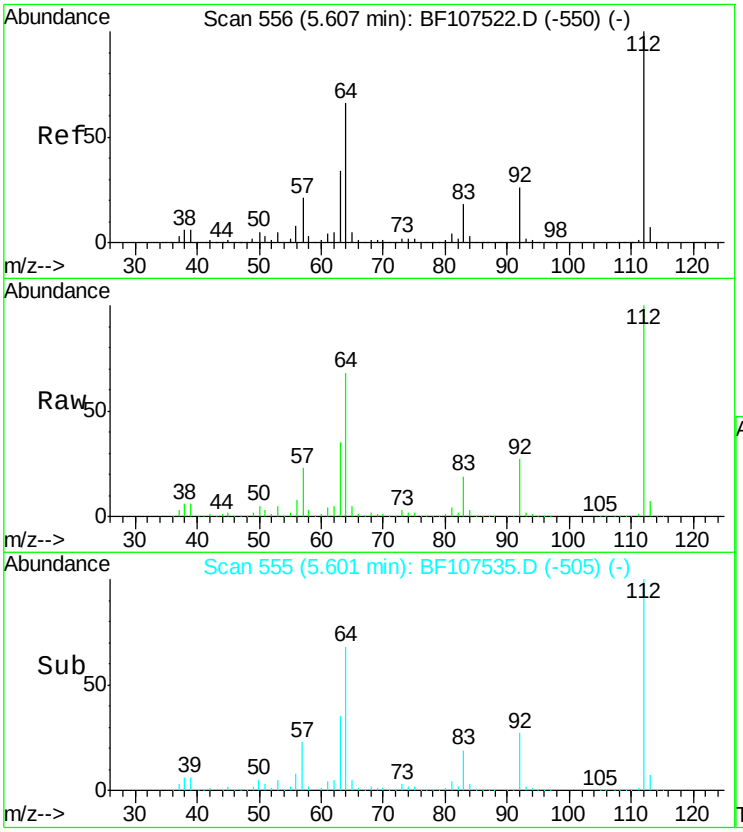


#4
n-Nitrosodimethylamine
Concen: 0.069 ng
RT: 3.59 min Scan# 213
Delta R.T. -0.02 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion: 42 Resp: 823

Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	129.1	6.9	10.3#



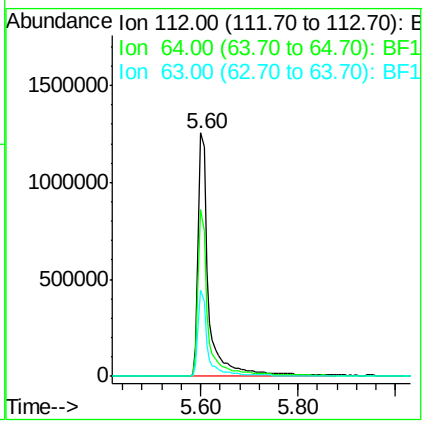


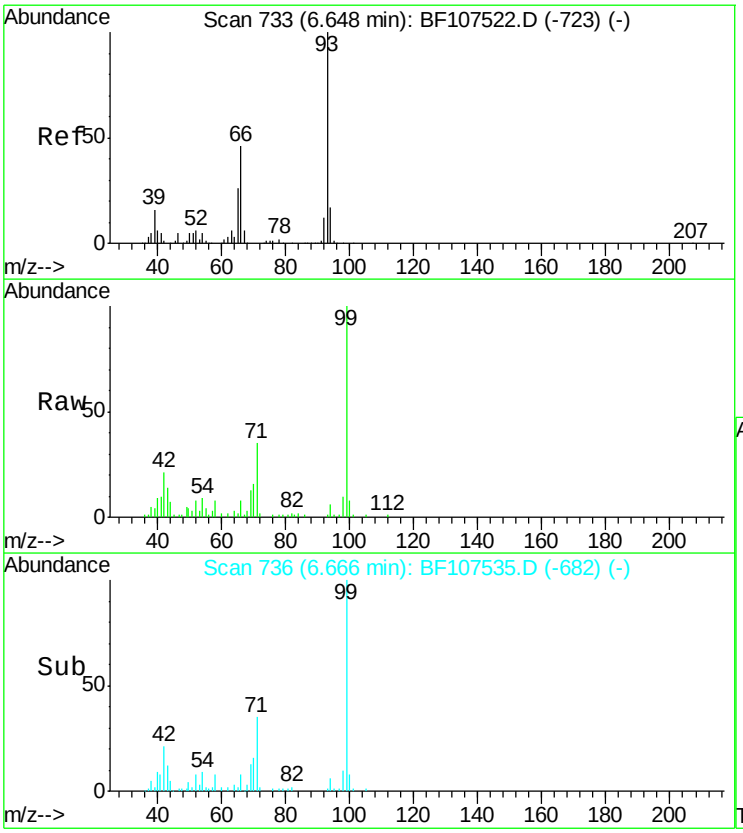
#5
2-Fluorophenol
Concen: 85.942 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:112 Resp: 1925244

Ion	Ratio	Lower	Upper
112	100		
64	68.4	47.9	71.9
63	35.5	23.7	35.5

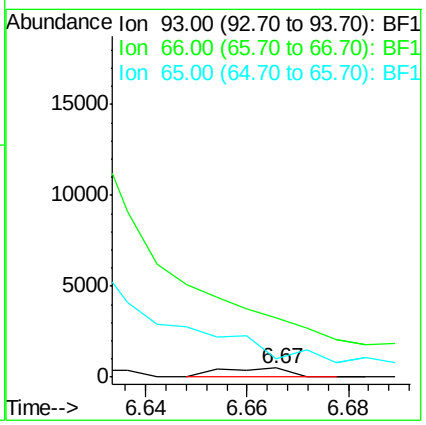


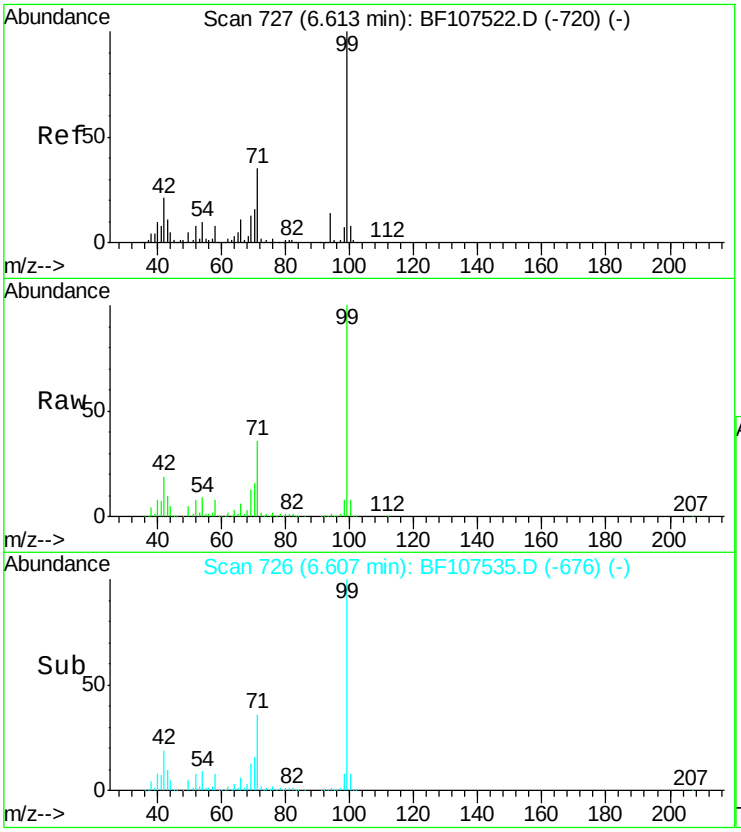


#6
Aniline
Concen: 0.013 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.02 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion: 93 Resp: 463

Ion	Ratio	Lower	Upper
93	100		
66	651.8	32.2	48.2#
65	204.4	16.4	24.6#



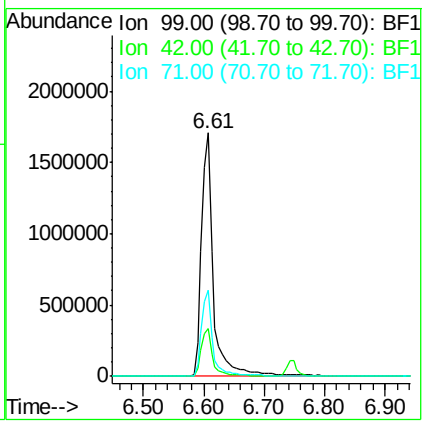


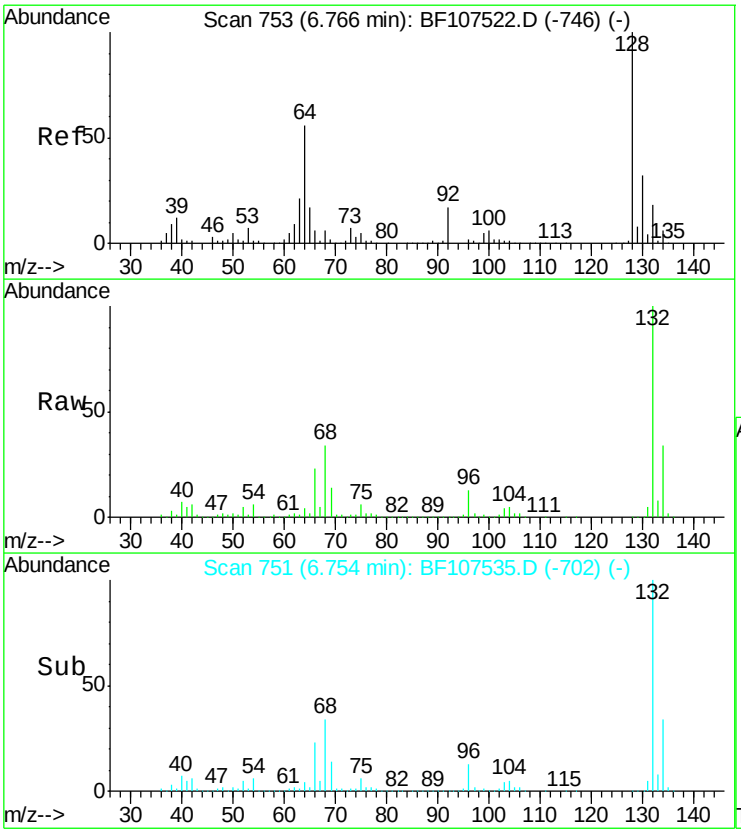
#7
Phenol-d6
Concen: 87.367 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion: 99 Resp: 2350056

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	35.6	25.4	38.0

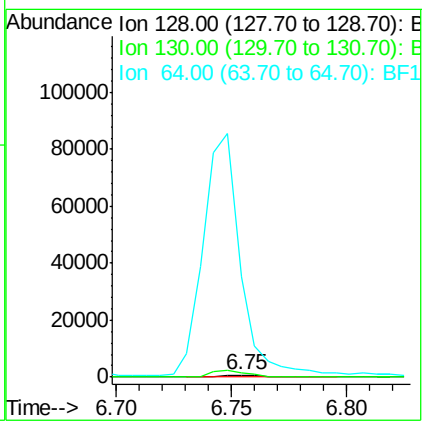


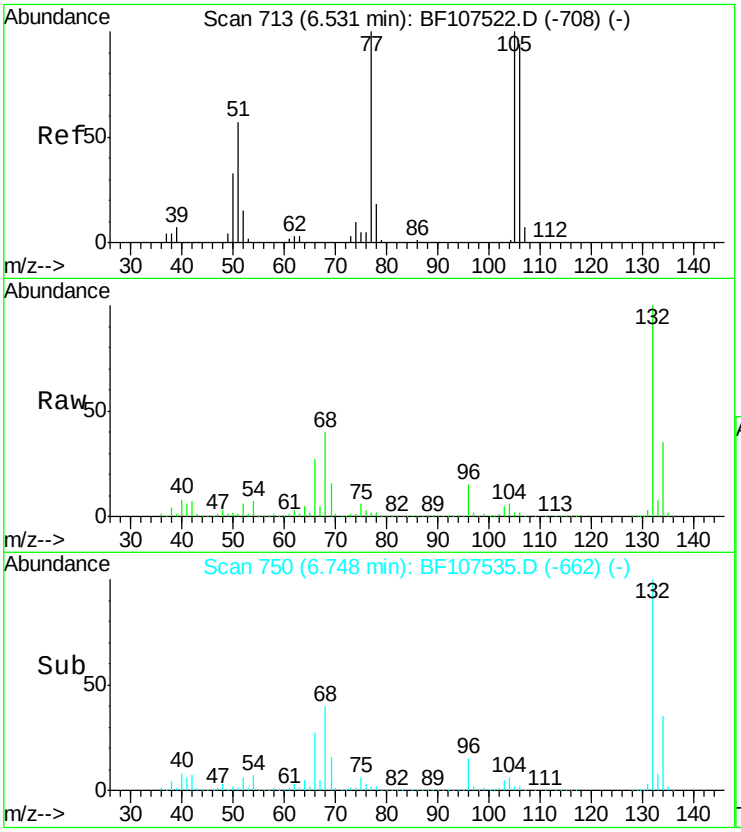


#8
2-Chlorophenol
Concen: 0.046 ng
RT: 6.75 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:128 Resp: 1112

Ion	Ratio	Lower	Upper
128	100		
130	196.9	13.0	53.0#
64	4536.4	29.4	69.4#



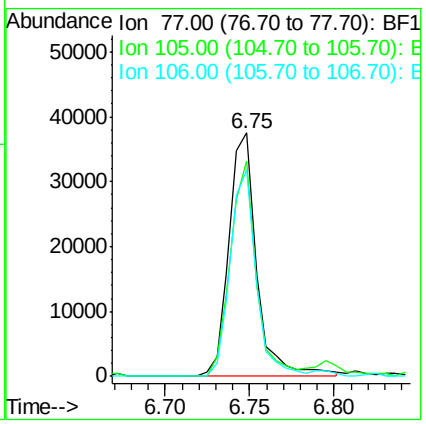


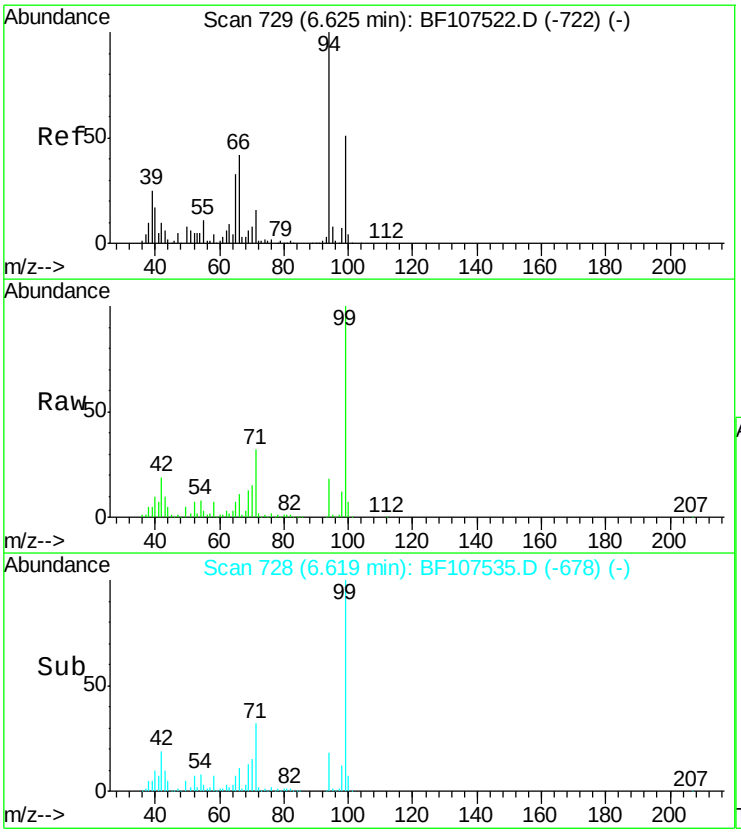
#9
Benzaldehyde
Concen: 0.586 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.22 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion: 77 Resp: 42765

Ion	Ratio	Lower	Upper
77	100		
105	88.6	81.1	121.1
106	84.7	74.5	114.5

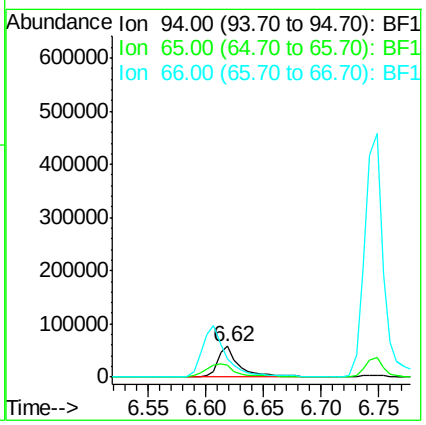


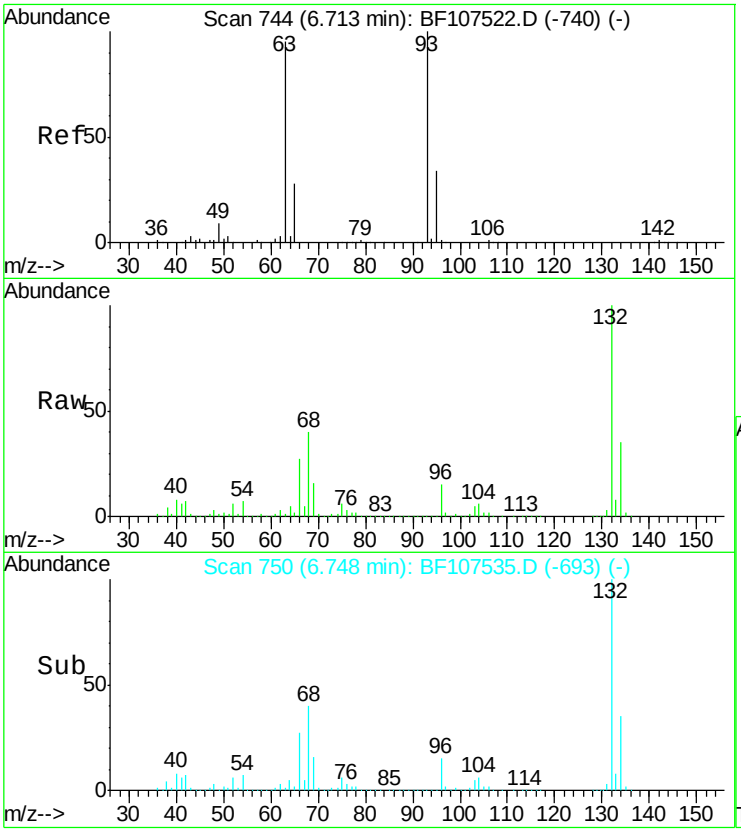


#10
Phenol
Concen: 2.417 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion: 94 Resp: 76451

Ion	Ratio	Lower	Upper
94	100		
65	38.4	7.9	47.9
66	60.2	16.2	56.2#



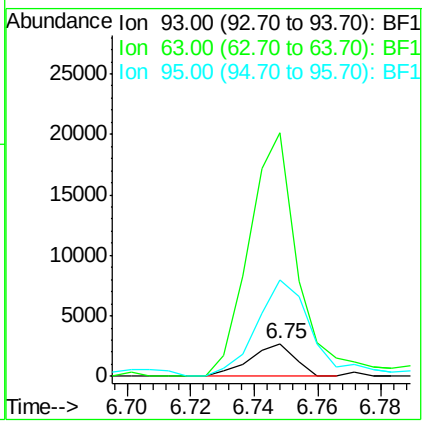


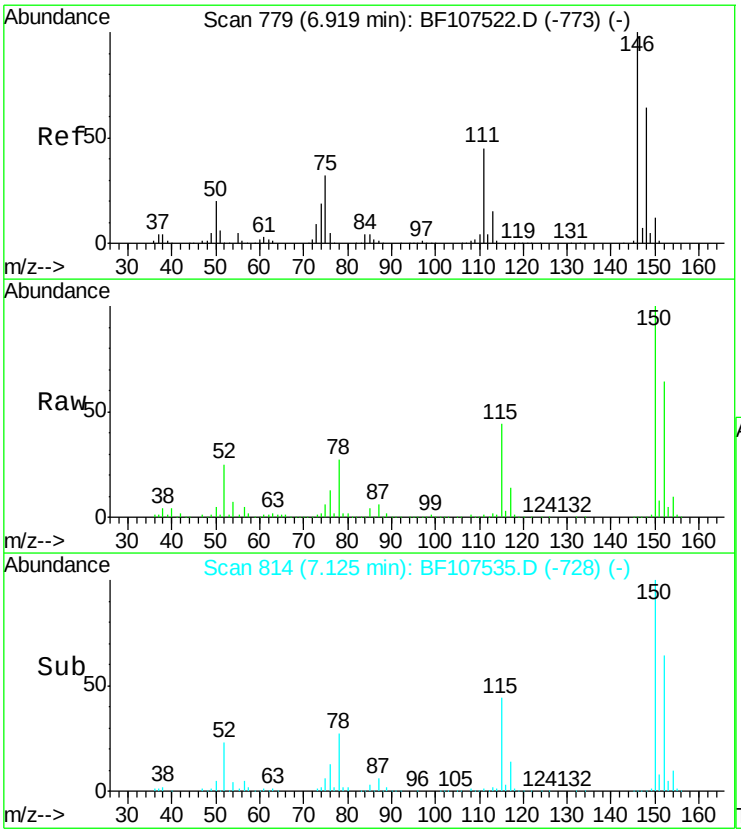
#11
bis(2-Chloroethyl)ether
Concen: 0.101 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.04 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion: 93 Resp: 2657

Ion	Ratio	Lower	Upper
93	100		
63	738.3	58.6	98.6#
95	291.3	11.8	51.8#

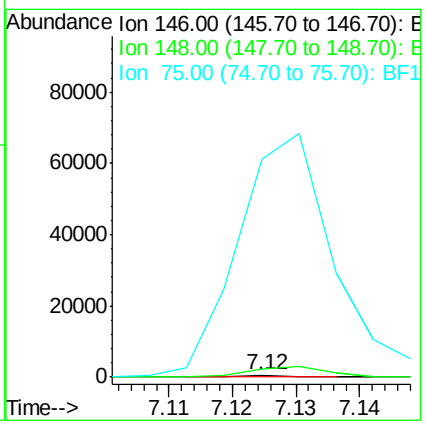


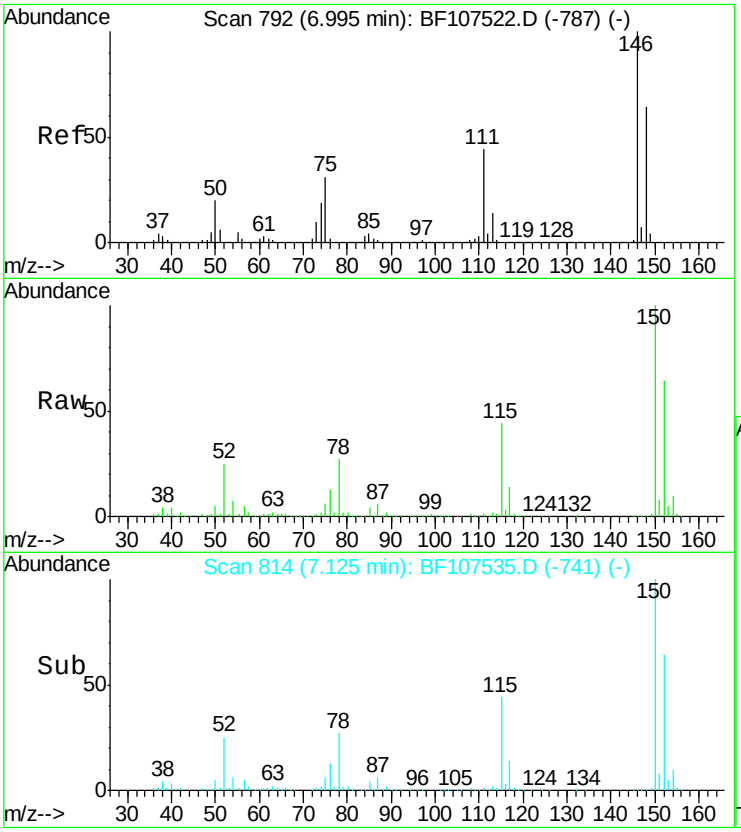


#12
1,3-Dichlorobenzene
Concen: 0.006 ng
RT: 7.12 min Scan# 814
Delta R.T. 0.21 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:146 Resp: 166

Ion	Ratio	Lower	Upper
146	100		
148	458.1	51.8	77.8#
75	13058.7	24.2	36.4#



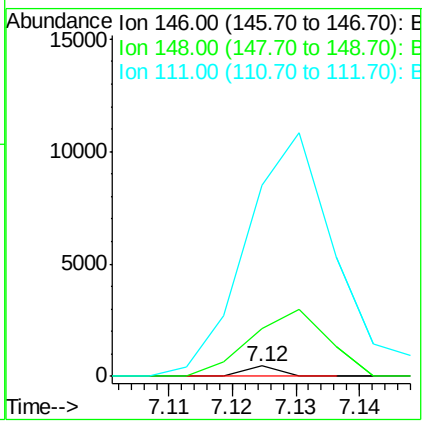


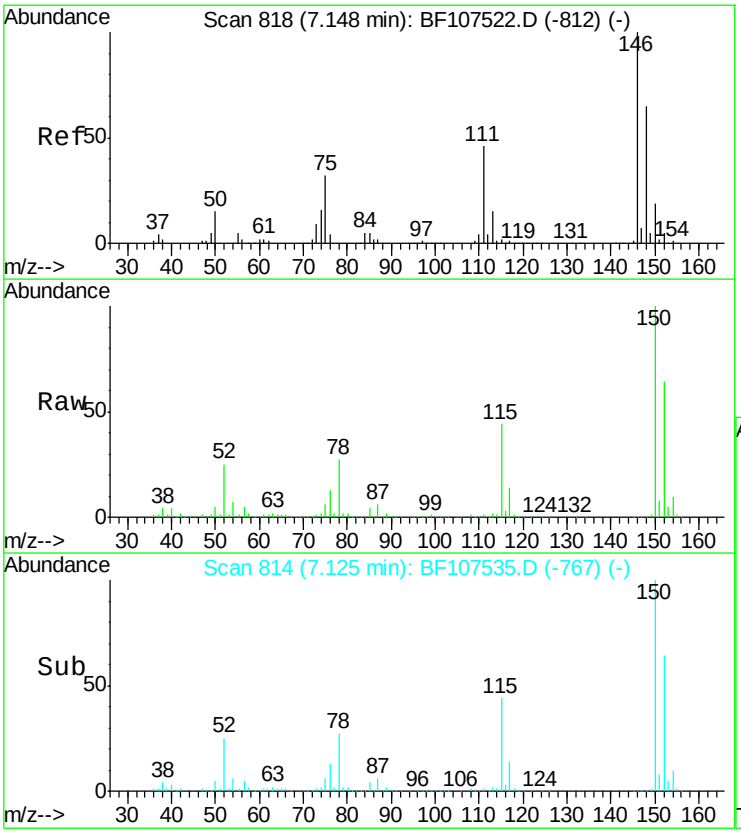
#13
1,4-Dichlorobenzene
Concen: 0.006 ng
RT: 7.12 min Scan# 814
Delta R.T. 0.13 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:146 Resp: 166

Ion	Ratio	Lower	Upper
146	100		
148	458.1	50.8	76.2#
111	1809.6	34.2	51.2#

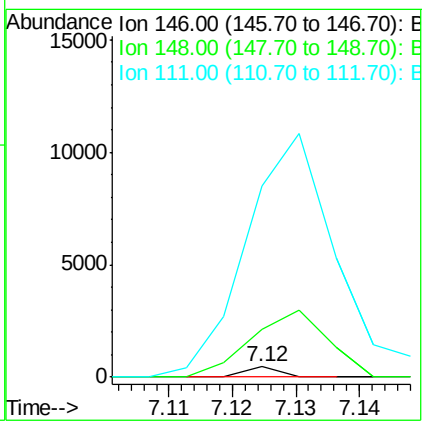


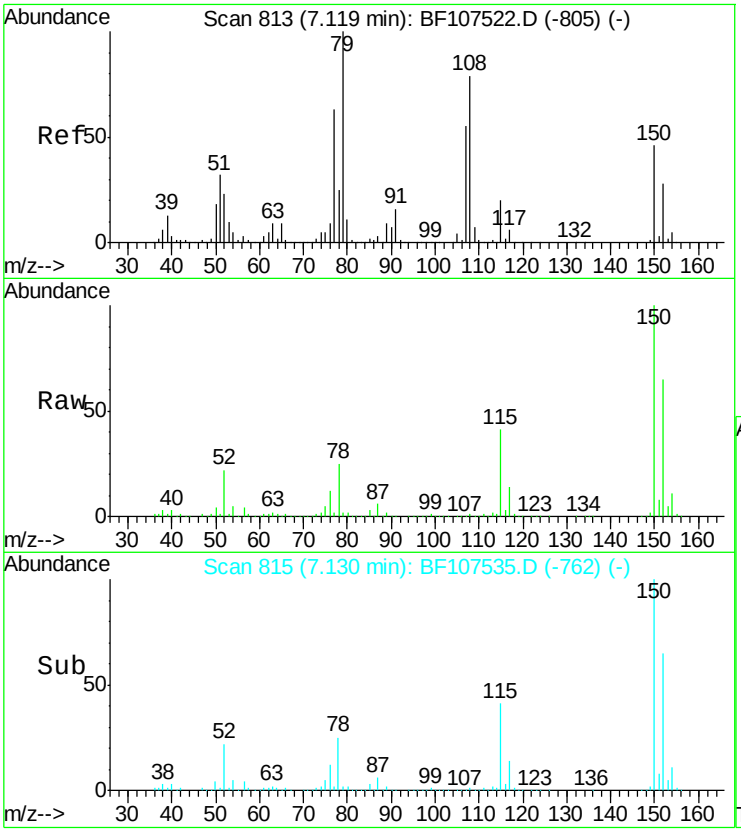


#14
1,2-Dichlorobenzene
Concen: 0.007 ng
RT: 7.12 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:146 Resp: 166

Ion	Ratio	Lower	Upper
146	100		
148	458.1	50.6	75.8#
111	1809.6	36.0	54.0#



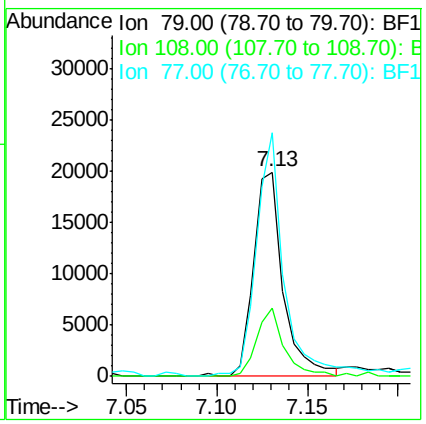


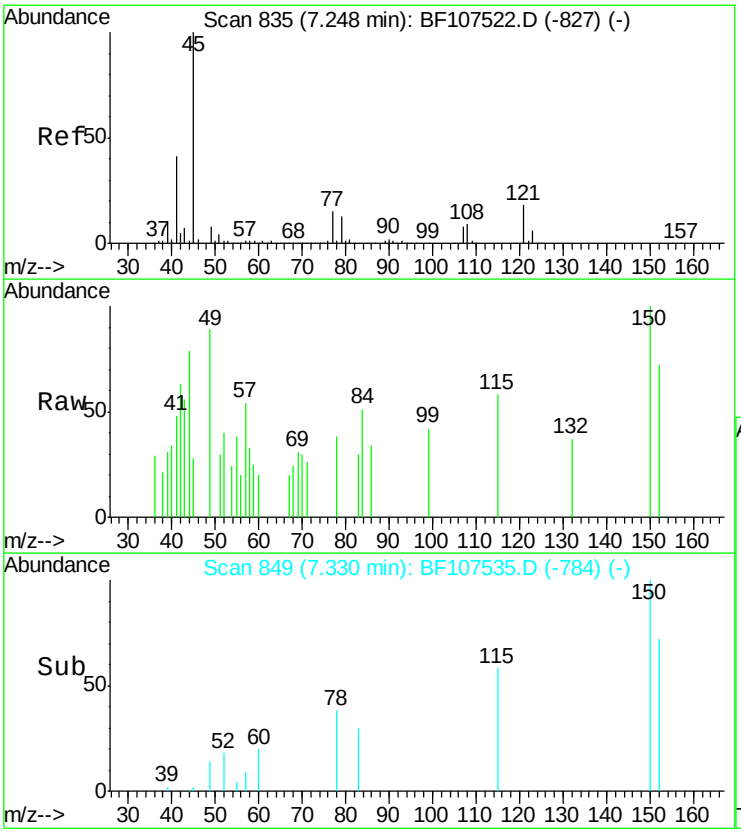
#15
Benzyl Alcohol
Concen: 1.245 ng
RT: 7.13 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion: 79 Resp: 22819

Ion	Ratio	Lower	Upper
79	100		
108	33.1	65.1	97.7#
77	119.2	50.6	75.8#

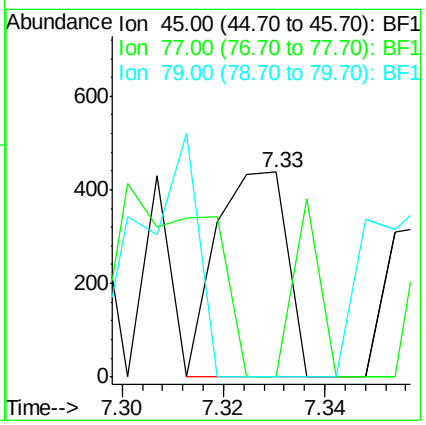


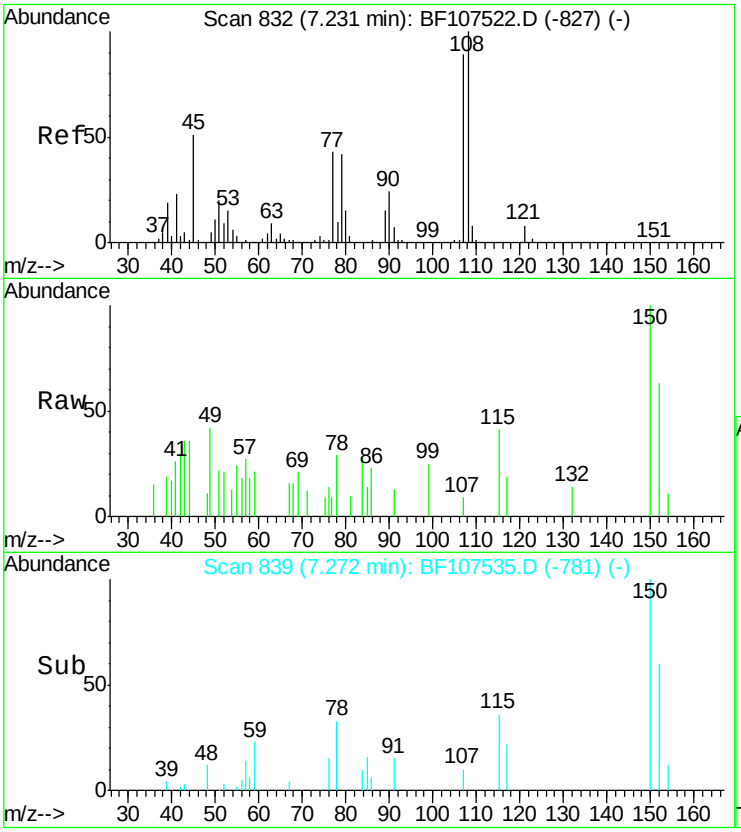


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.010 ng
RT: 7.33 min Scan# 849
Delta R.T. 0.08 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion: 45 Resp: 424

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



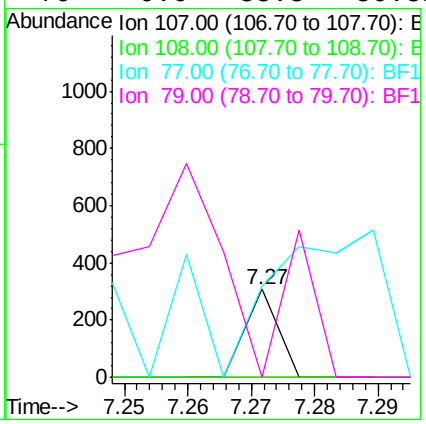


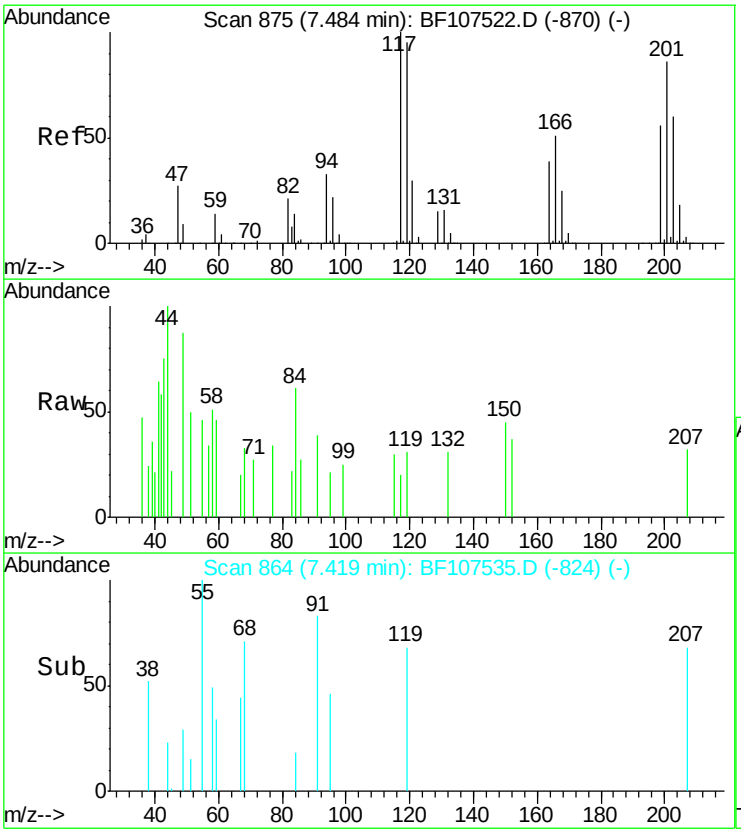
#17
2-Methylphenol
Concen: 0.005 ng
RT: 7.27 min Scan# 839
Delta R.T. 0.04 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:107 Resp: 109

Ion	Ratio	Lower	Upper
107	100		
108	0.0	91.7	137.5#
77	103.2	33.8	50.8#
79	0.0	33.8	50.8#

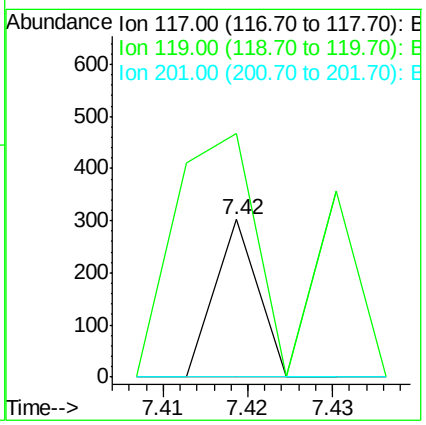


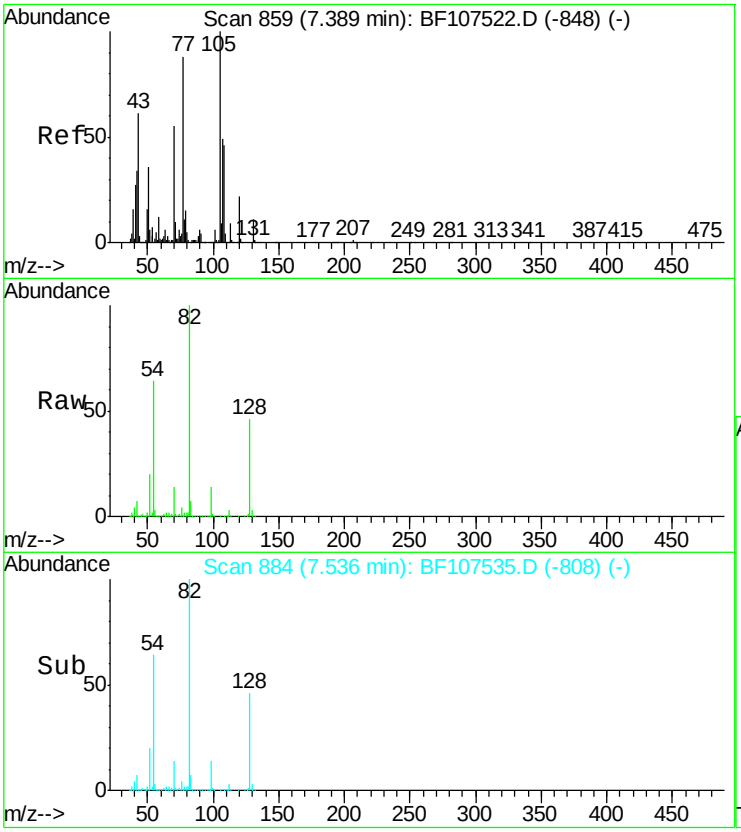


#18
Hexachloroethane
Concen: 0.011 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.06 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:117 Resp: 107

Ion	Ratio	Lower	Upper
117	100		
119	154.6	75.8	113.8#
201	0.0	75.7	113.5#



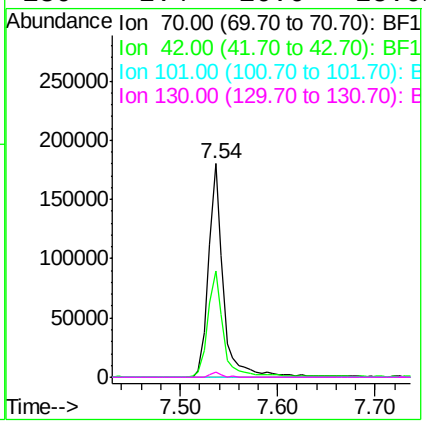


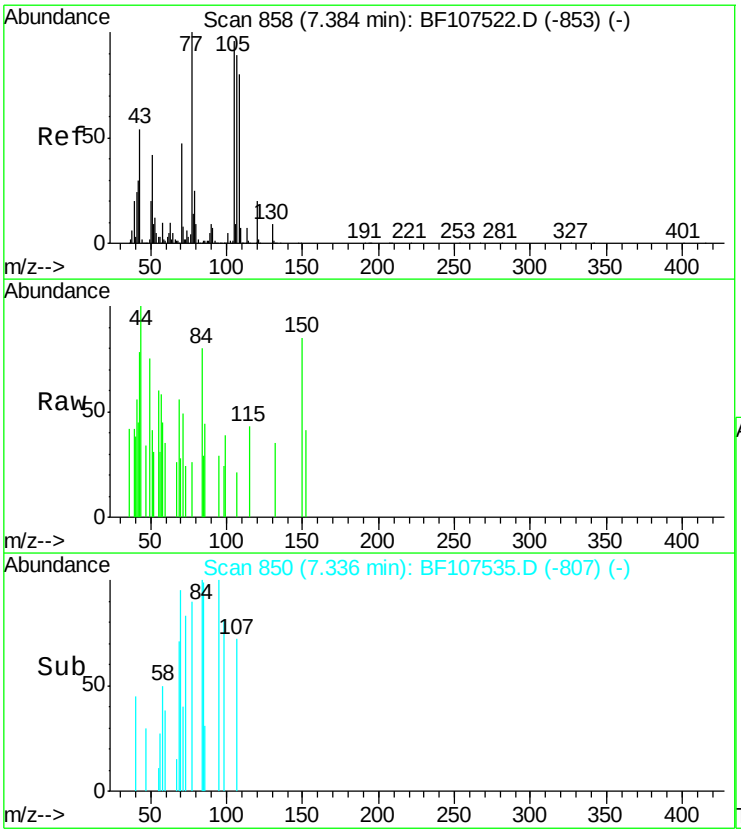
#19
n-Nitroso-di-n-propylamine
Concen: 10.931 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion: 70 Resp: 189950

Ion	Ratio	Lower	Upper
70	100		
42	50.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

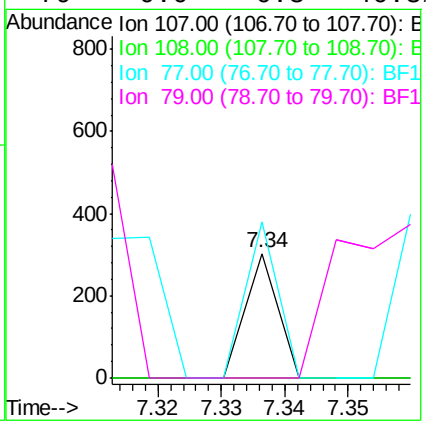


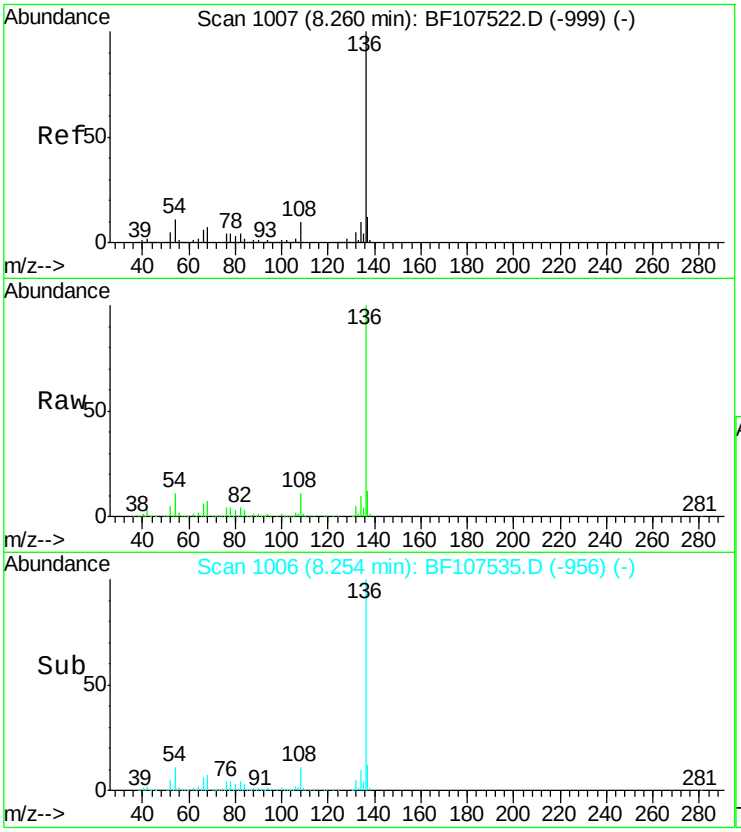


#20
3+4-Methylphenols
Concen: 0.004 ng
RT: 7.34 min Scan# 850
Delta R.T. -0.05 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:107 Resp: 107

Ion	Ratio	Lower	Upper
107	100		
108	0.0	68.2	108.2#
77	125.7	26.7	66.7#
79	0.0	6.3	46.3#



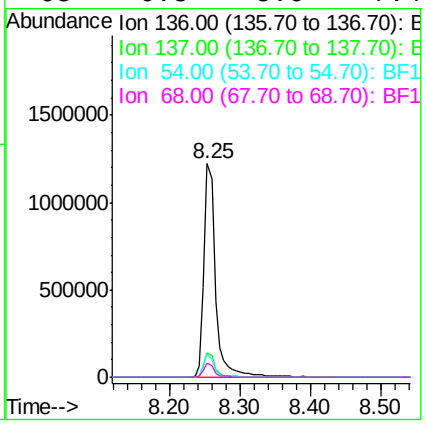


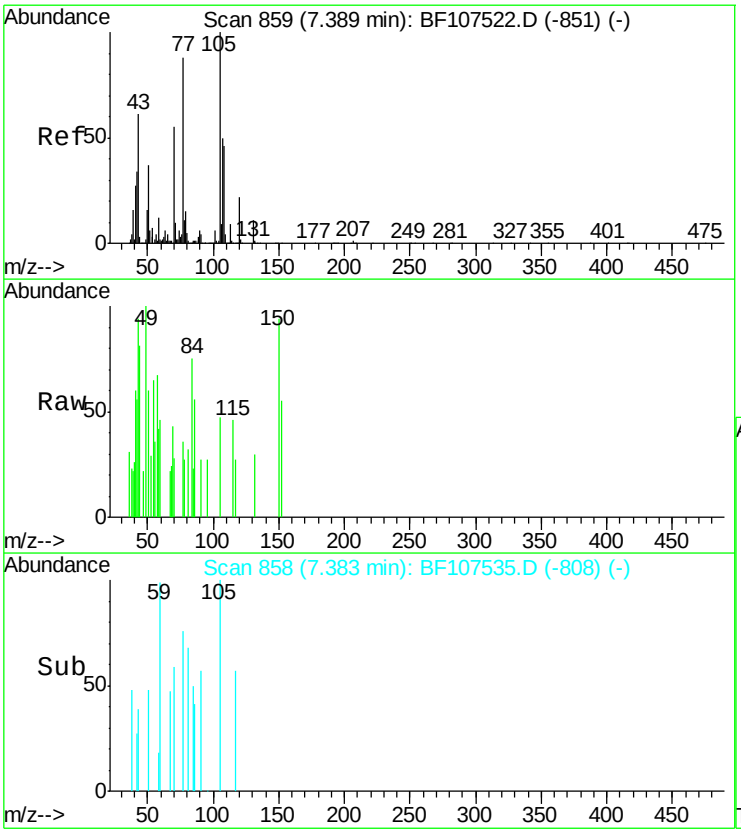
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:136 Resp: 1403247

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	11.0	6.6	9.8#
68	6.8	5.0	7.4

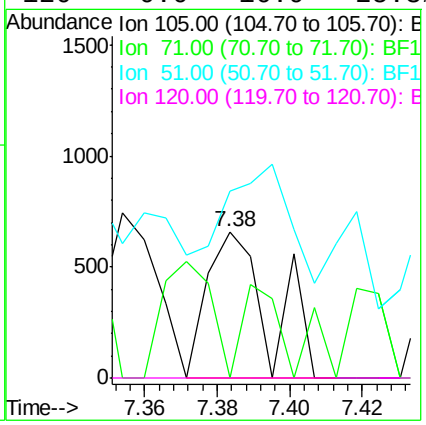


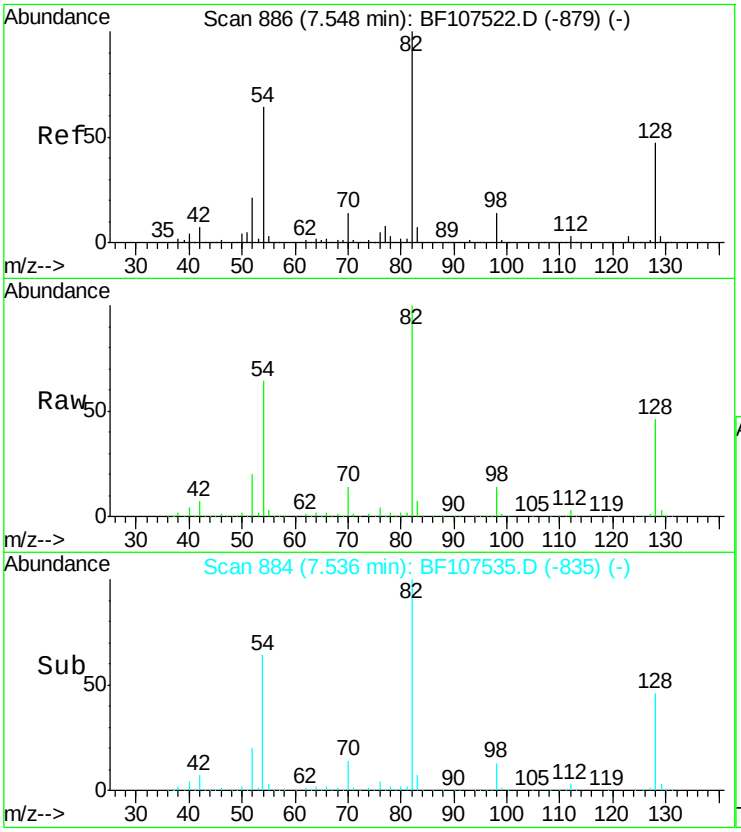


#22
Acetophenone
Concen: 0.024 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:105 Resp: 789

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	127.3	22.3	33.5#
120	0.0	16.9	25.3#



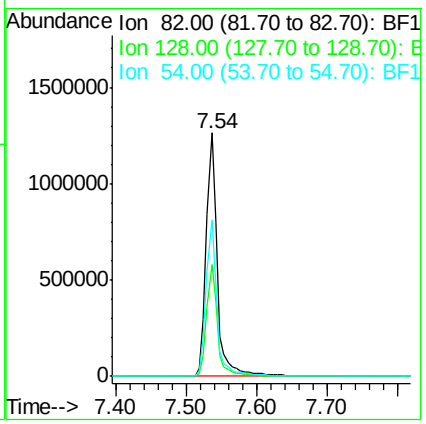


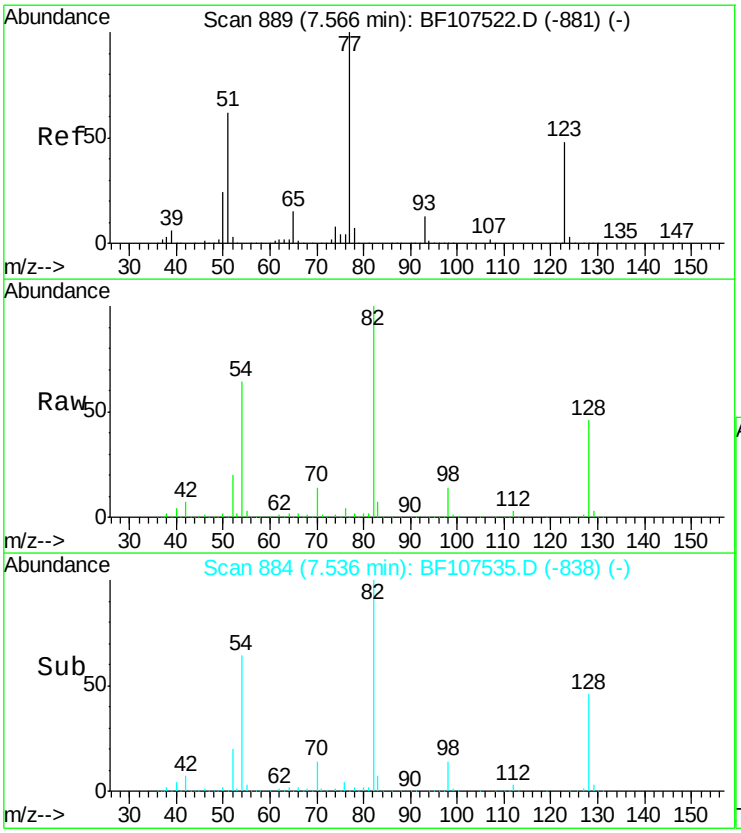
#23
Nitrobenzene-d5
Concen: 66.657 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion: 82 Resp: 1385978

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	64.1	41.4	62.2#

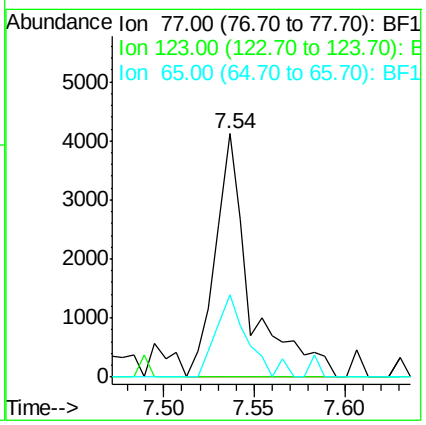


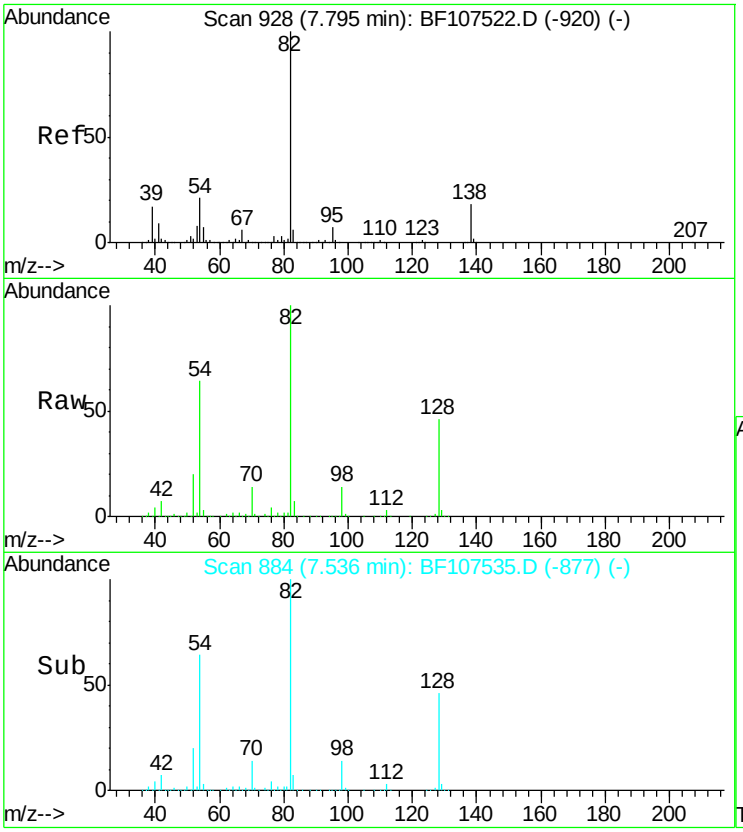


#24
Nitrobenzene
Concen: 0.233 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.03 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion: 77 Resp: 5548

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	33.9	11.0	16.4#



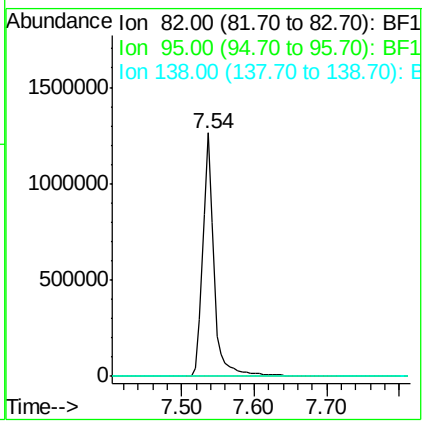


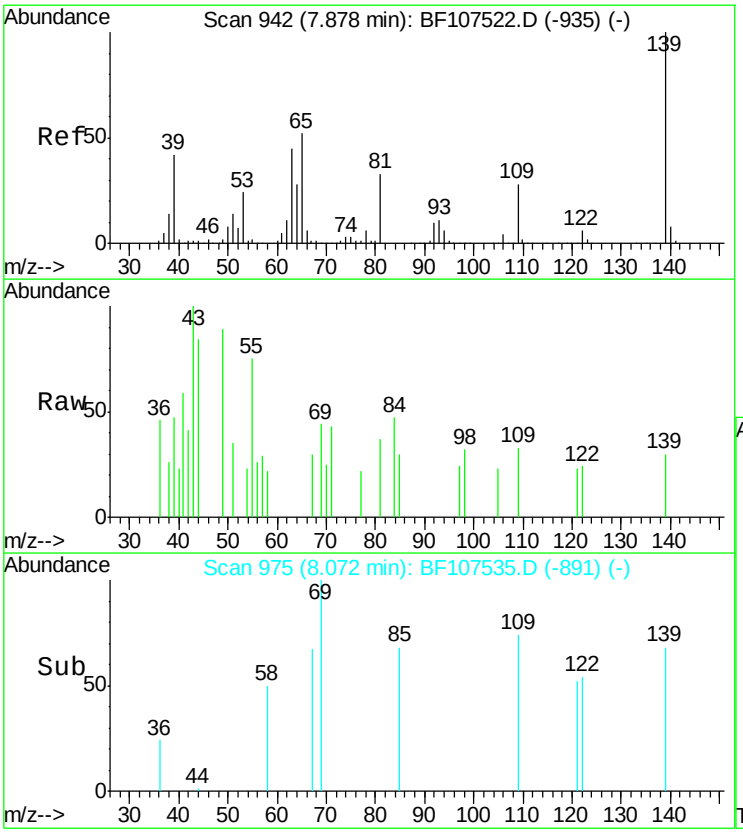
#25
Isophorone
Concen: 31.218 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion: 82 Resp: 1385969

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

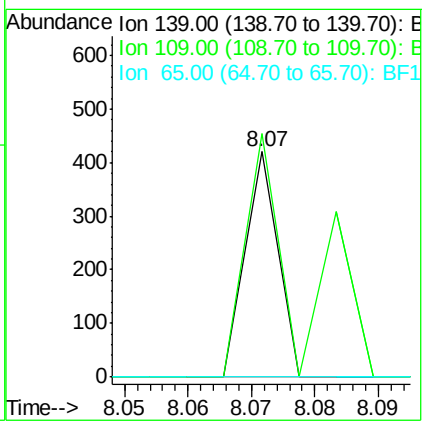


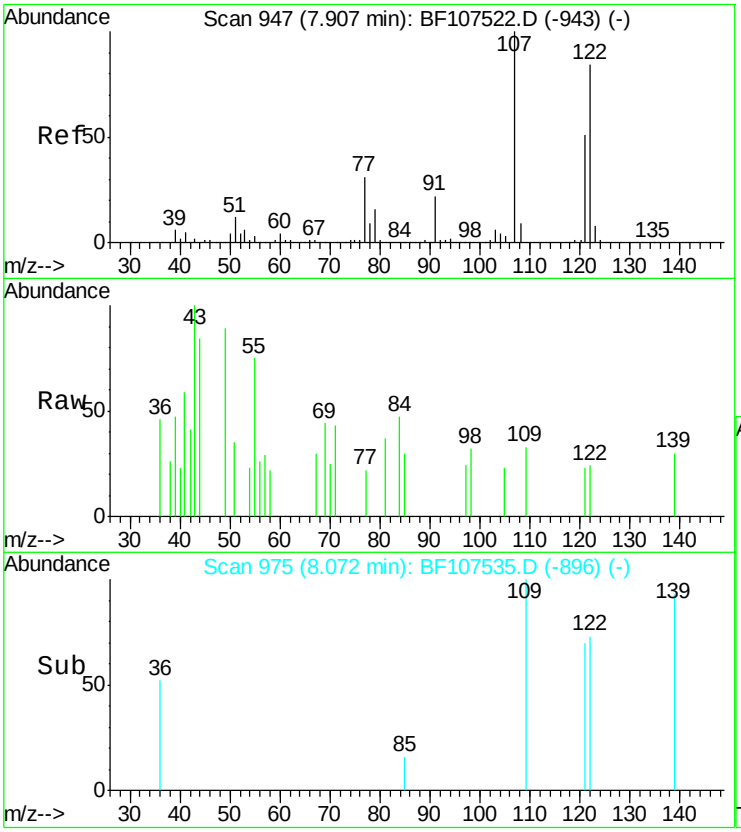


#26
2-Nitrophenol
Concen: 0.015 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.19 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:139 Resp: 148

Ion	Ratio	Lower	Upper
139	100		
109	108.1	22.7	34.1#
65	0.0	40.5	60.7#



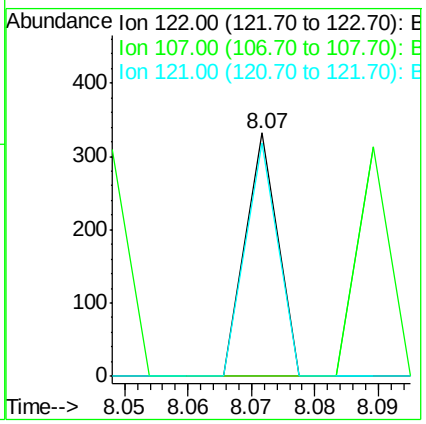


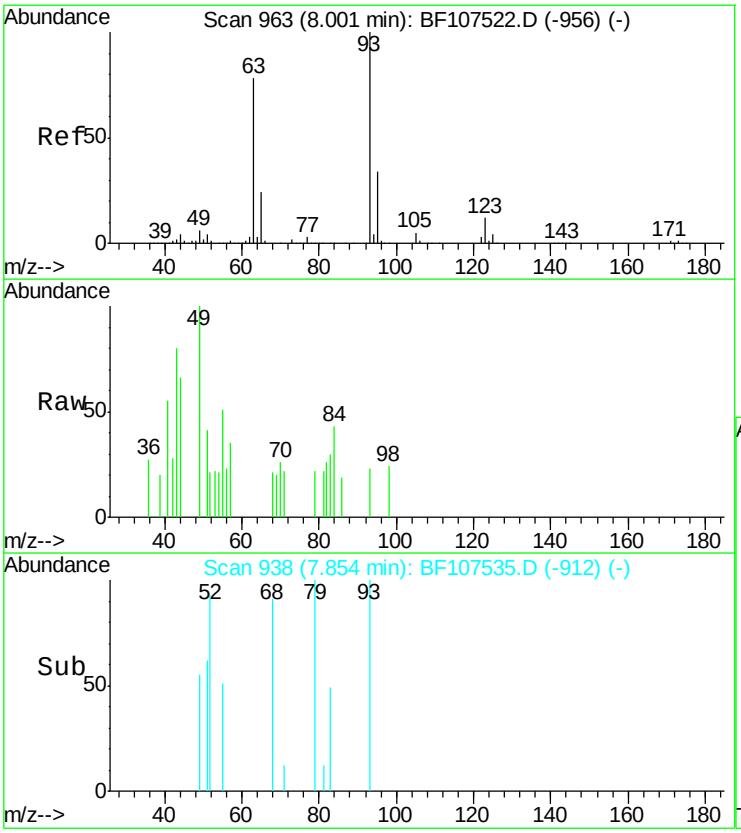
#27
2,4-Dimethylphenol
Concen: 0.006 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.16 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:122 Resp: 117

Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.2	136.8#
121	95.8	47.2	70.8#

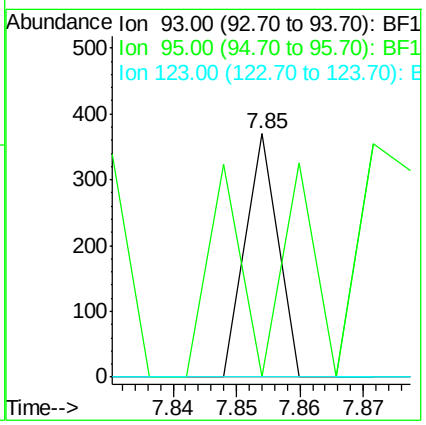


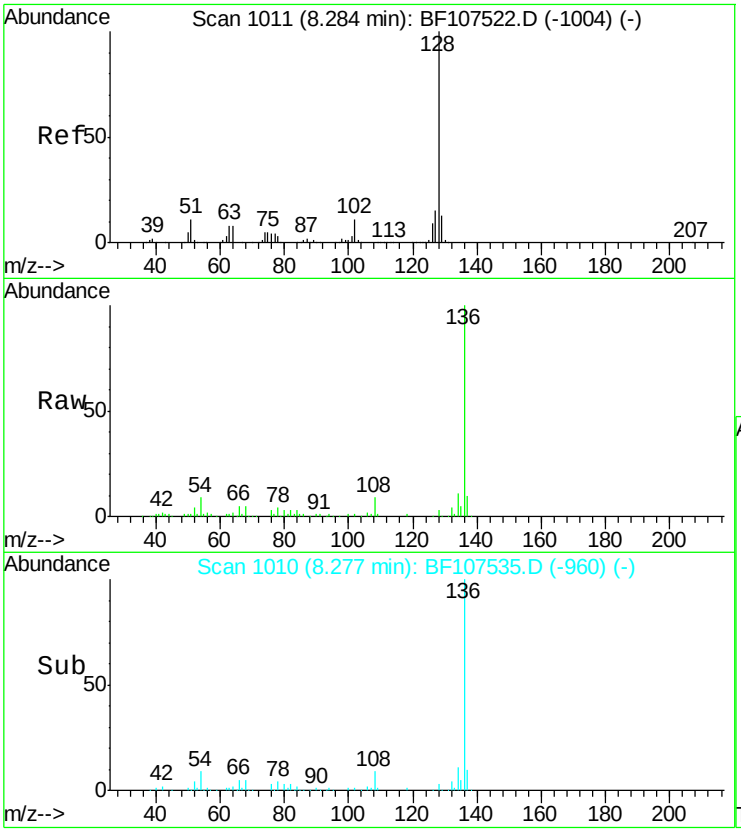


#28
bis(2-Chloroethoxy)methane
Concen: 0.004 ng
RT: 7.85 min Scan# 938
Delta R.T. -0.15 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion: 93 Resp: 131

Ion	Ratio	Lower	Upper
93	100		
95	0.0	26.3	39.5#
123	0.0	9.8	14.6#



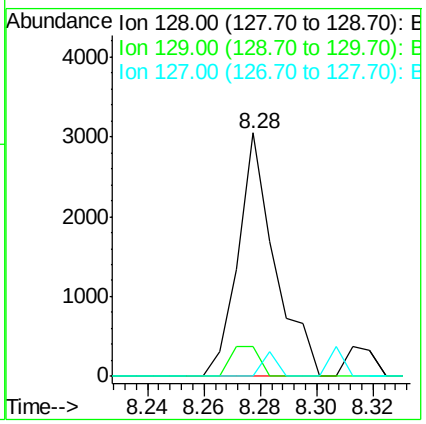


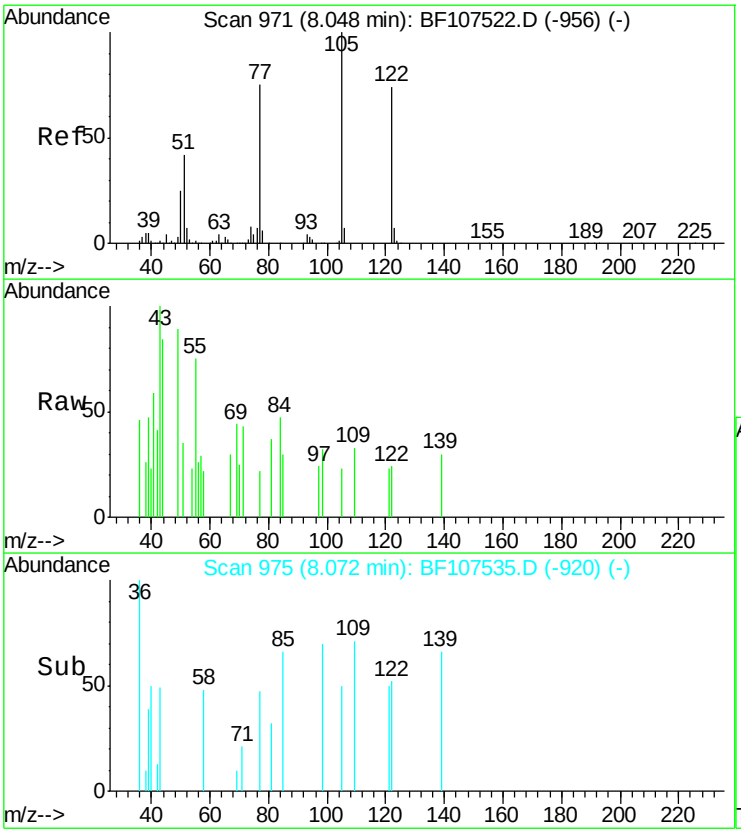
#31
Naphthalene
Concen: 0.045 ng
RT: 8.28 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:128 Resp: 2746

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.8	13.2
127	0.0	10.9	16.3#

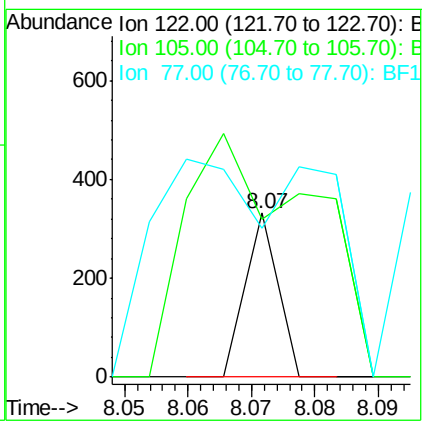


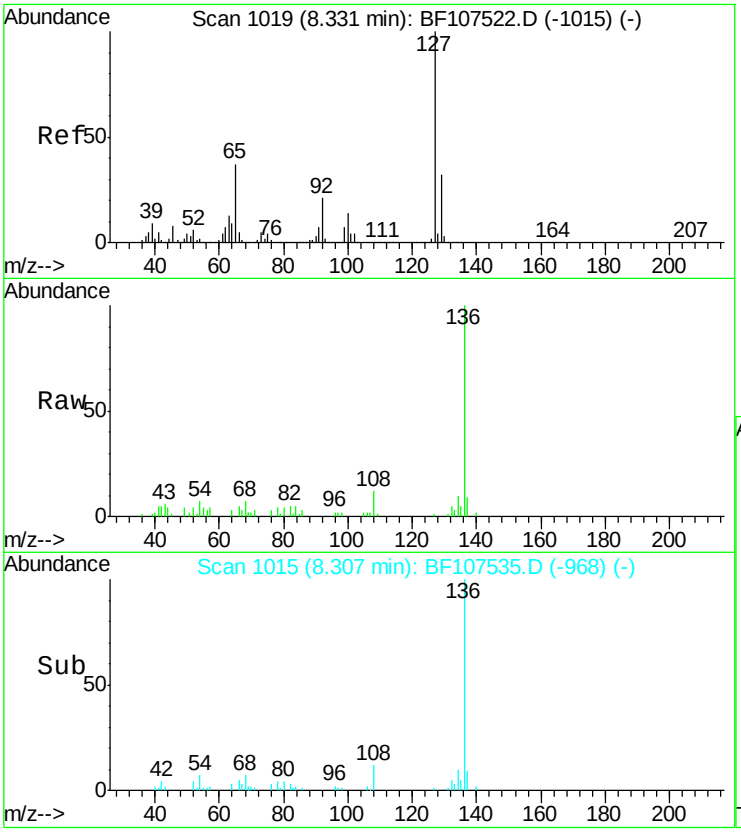


#32
Benzoic acid
Concen: 7.907 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.02 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:122 Resp: 117

Ion	Ratio	Lower	Upper
122	100		
105	96.1	101.1	141.1#
77	90.7	70.7	110.7



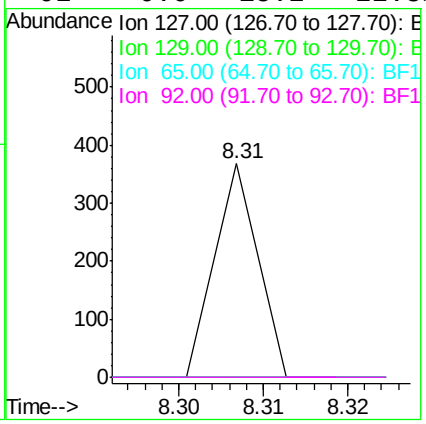


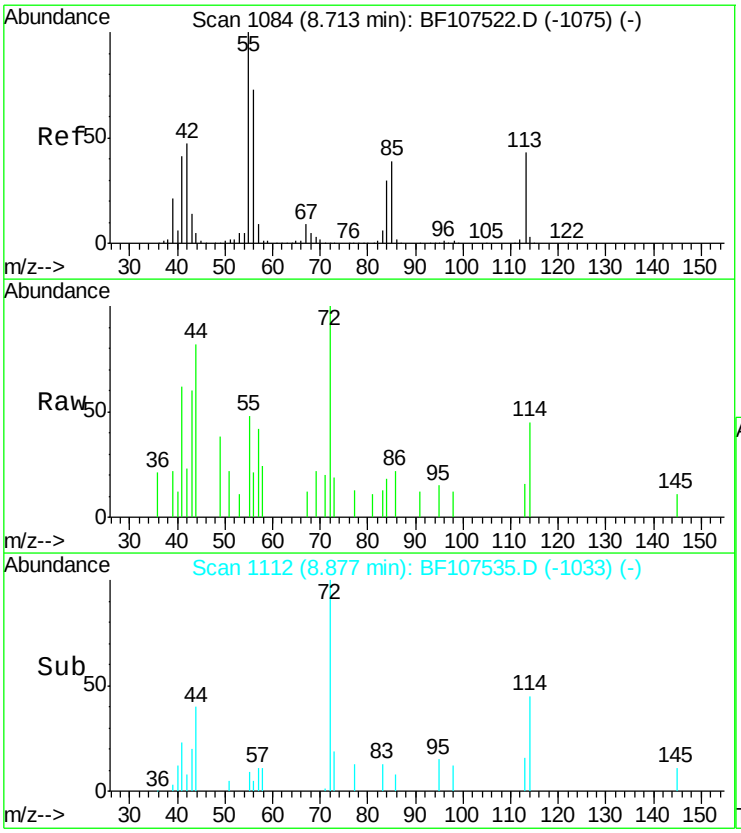
#33
4-Chloroaniline
Concen: 0.005 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:127 Resp: 130

Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

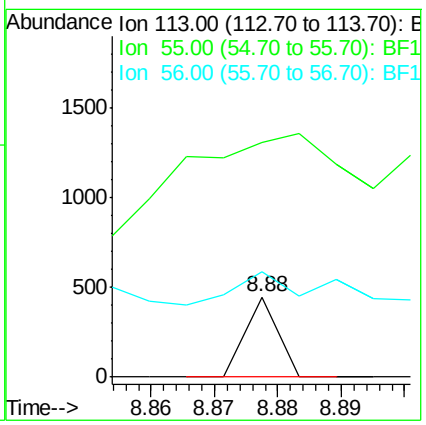


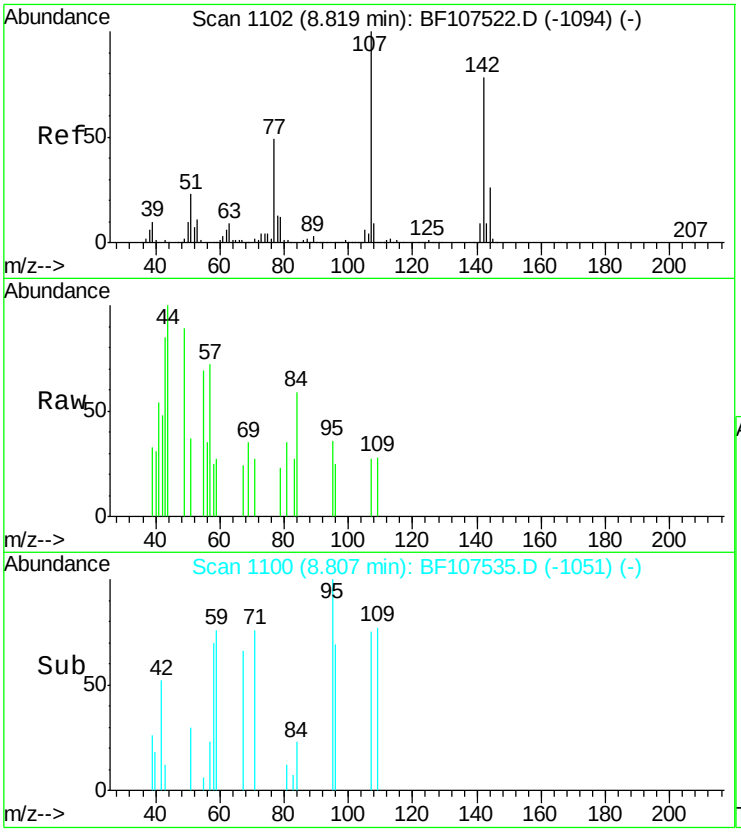


#35
Caprolactam
Concen: 0.025 ng
RT: 8.88 min Scan# 1112
Delta R.T. 0.16 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:113 Resp: 157

Ion	Ratio	Lower	Upper
113	100		
55	293.7	163.3	203.3#
56	131.8	115.7	155.7



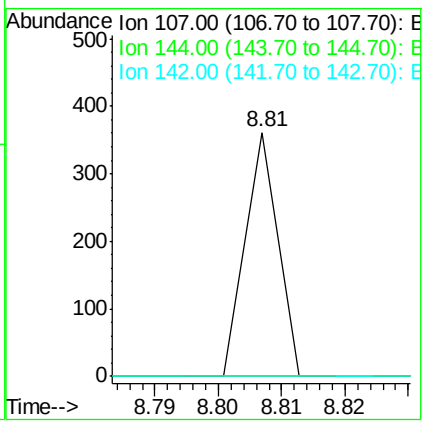


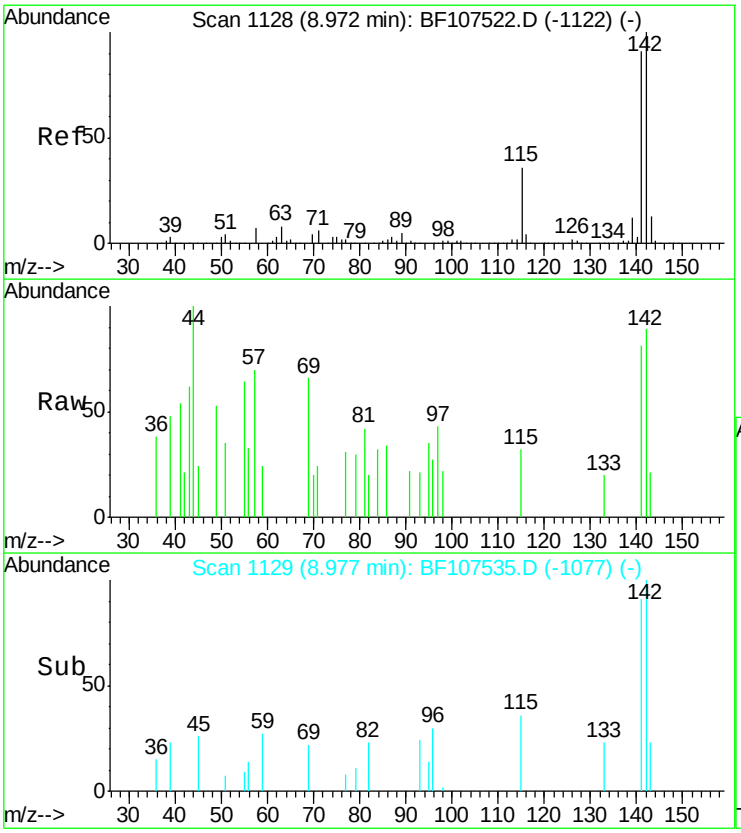
#36
4-Chloro-3-methylphenol
Concen: 0.006 ng
RT: 8.81 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:107 Resp: 127

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.5	30.7#
142	0.0	62.0	93.0#

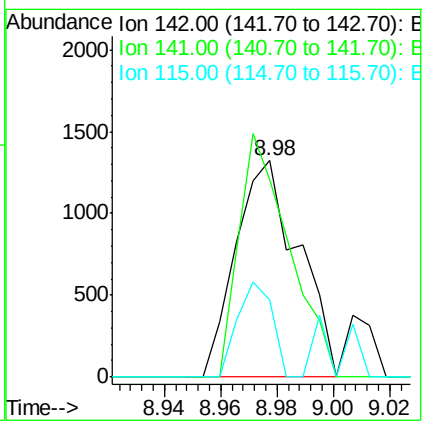


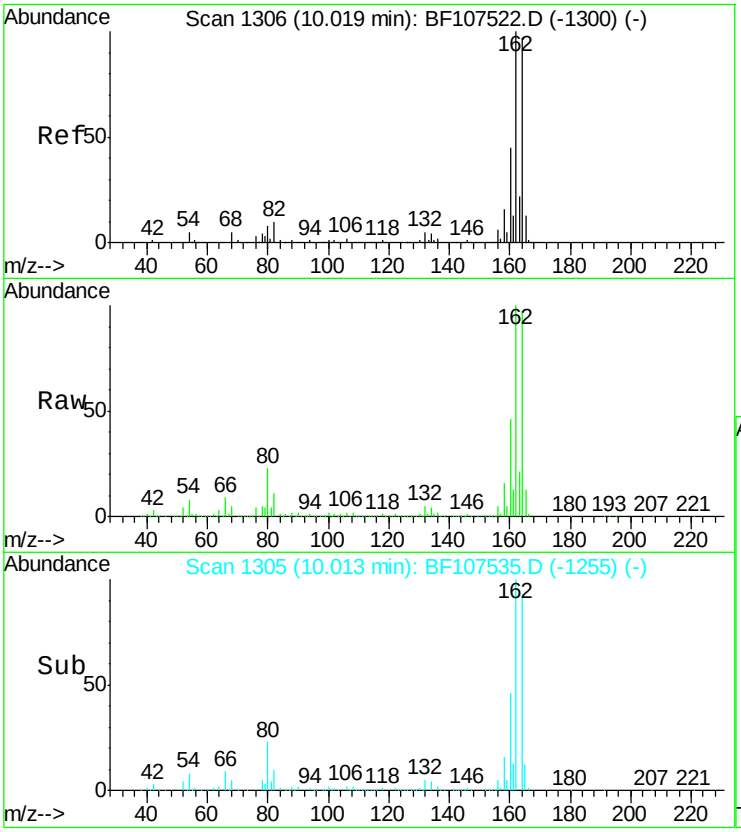


#37
2-Methylnaphthalene
Concen: 0.048 ng
RT: 8.98 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:142 Resp: 2042

Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.8	106.2
115	35.6	26.1	39.1



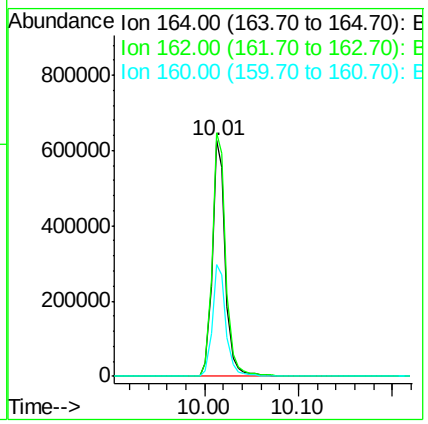


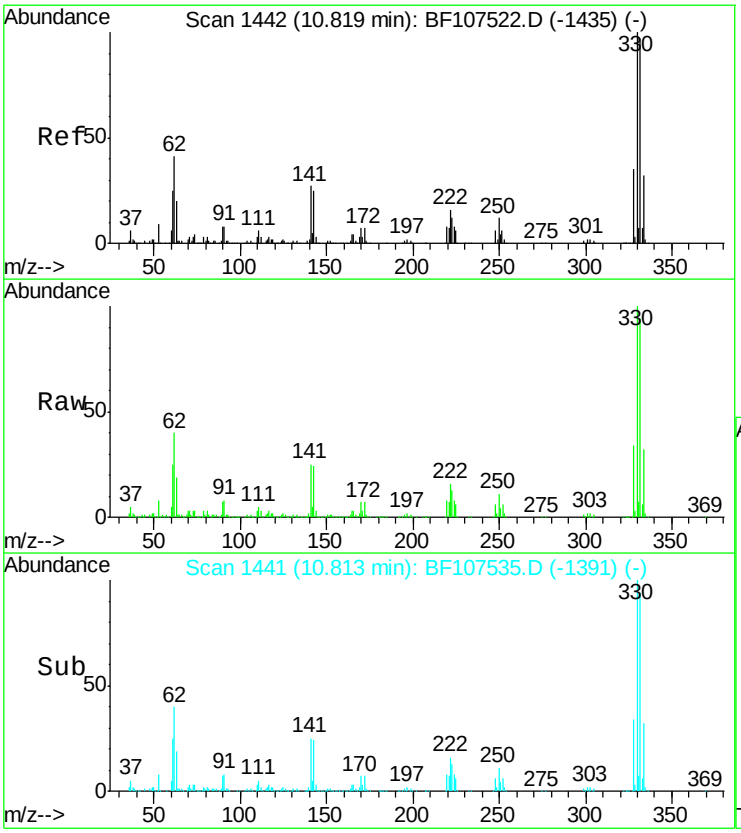
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:164 Resp: 620756

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	47.7	38.3	57.5

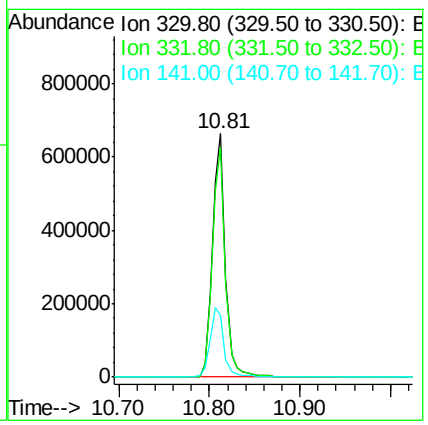


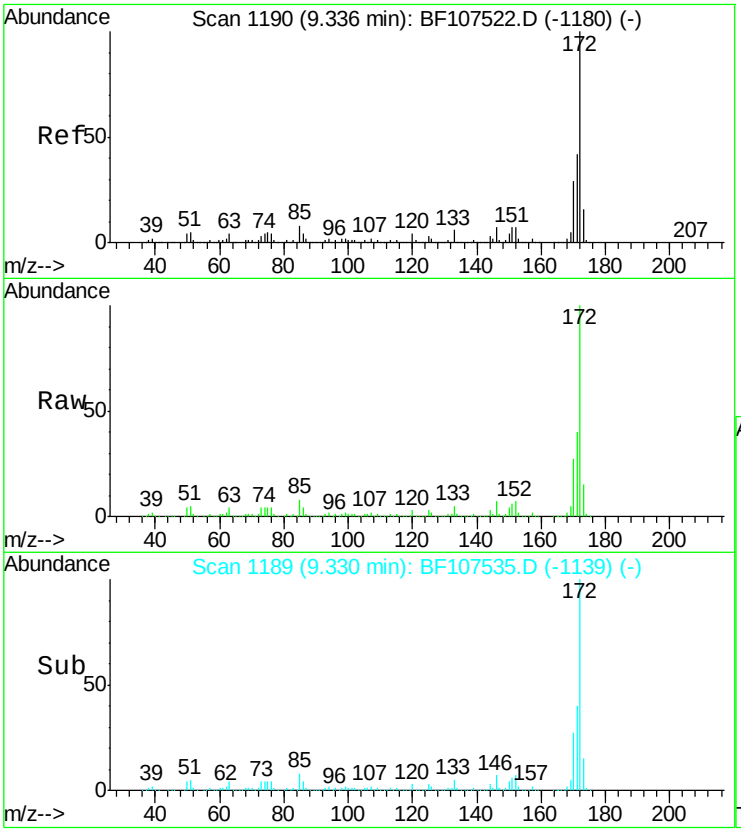


#41
2,4,6-Tribromophenol
Concen: 93.649 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:330 Resp: 661062

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	30.5	29.9	44.9



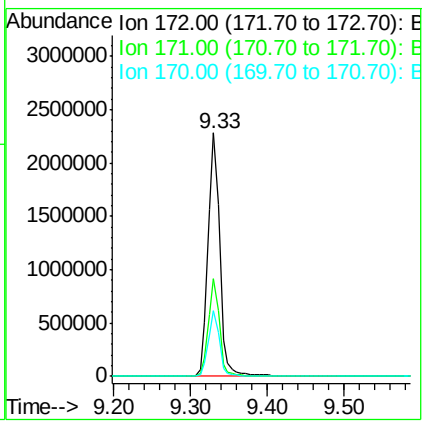


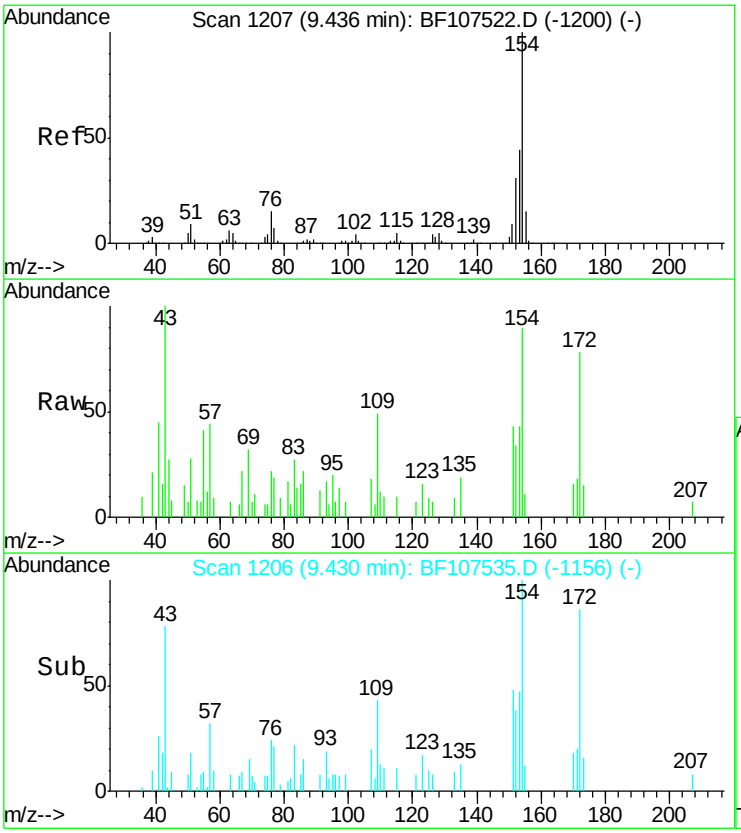
#44
2-Fluorobiphenyl
Concen: 60.757 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:172 Resp: 2389585

Ion	Ratio	Lower	Upper
172	100		
171	40.0	29.7	44.5
170	27.0	19.6	29.4

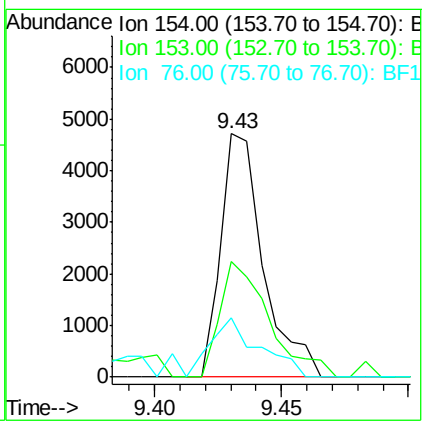


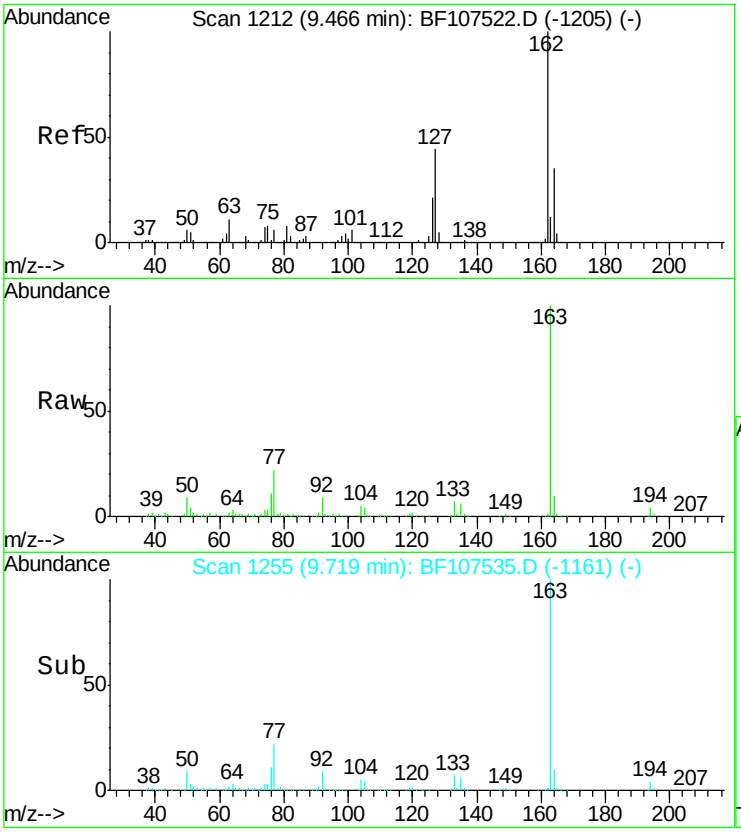


#45
1,1'-Biphenyl
Concen: 0.102 ng
RT: 9.43 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:154 Resp: 5499

Ion	Ratio	Lower	Upper
154	100		
153	47.3	21.3	61.3
76	24.1	0.0	34.0



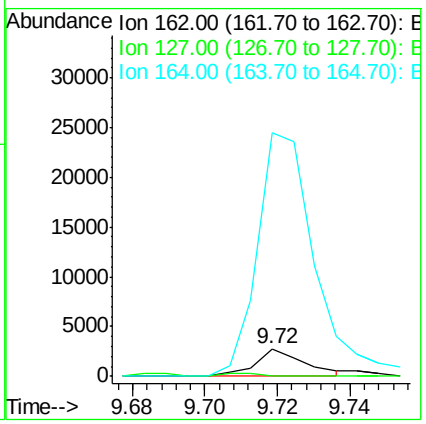


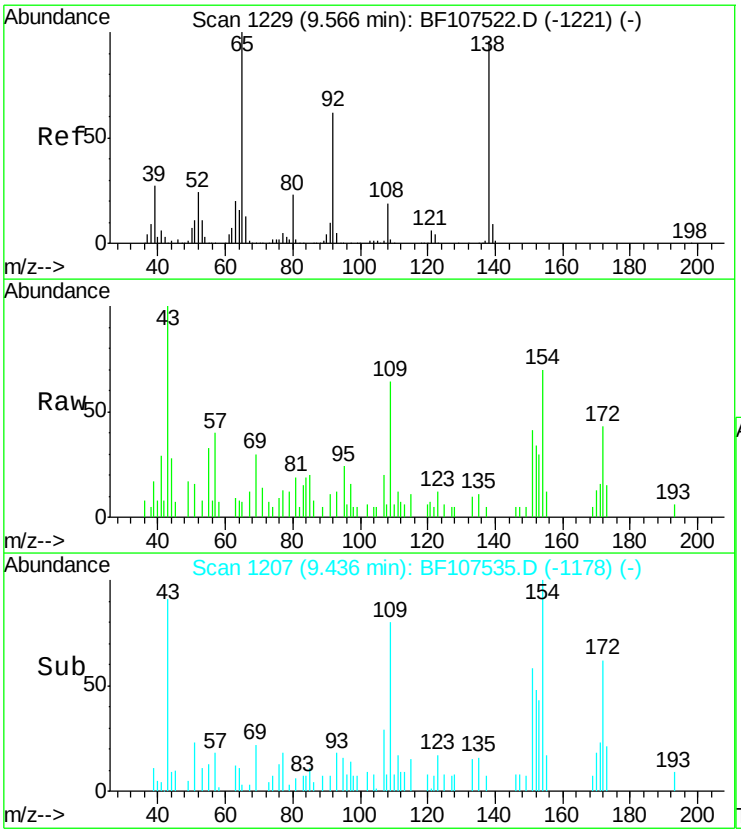
#46
2-Chloronaphthalene
Concen: 0.062 ng
RT: 9.72 min Scan# 1255
Delta R.T. 0.25 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:162 Resp: 2564

Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.9	50.9#
164	889.9	26.5	39.7#

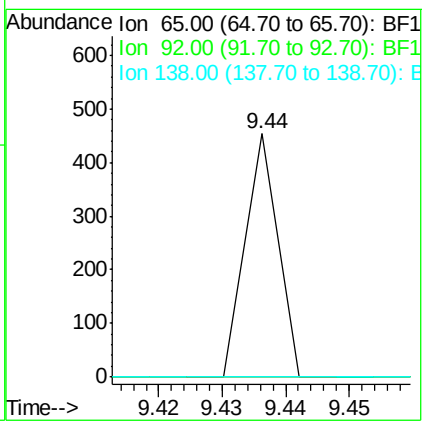


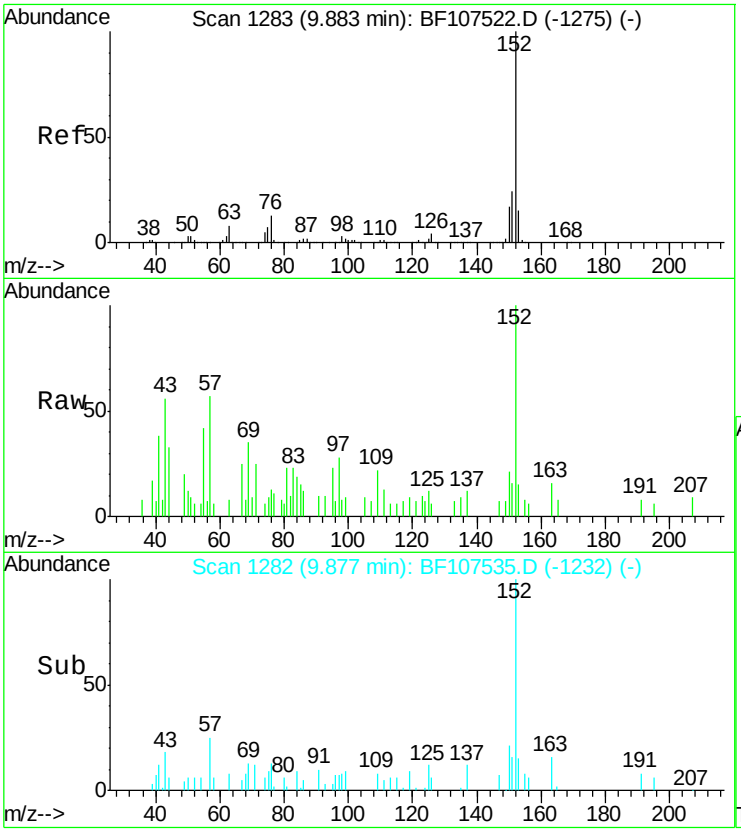


#47
2-Nitroaniline
Concen: 0.013 ng
RT: 9.44 min Scan# 1207
Delta R.T. -0.13 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion: 65 Resp: 160

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#



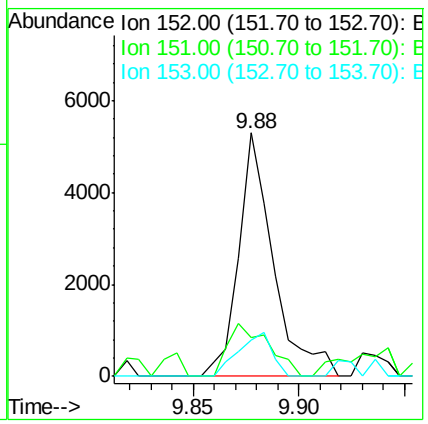


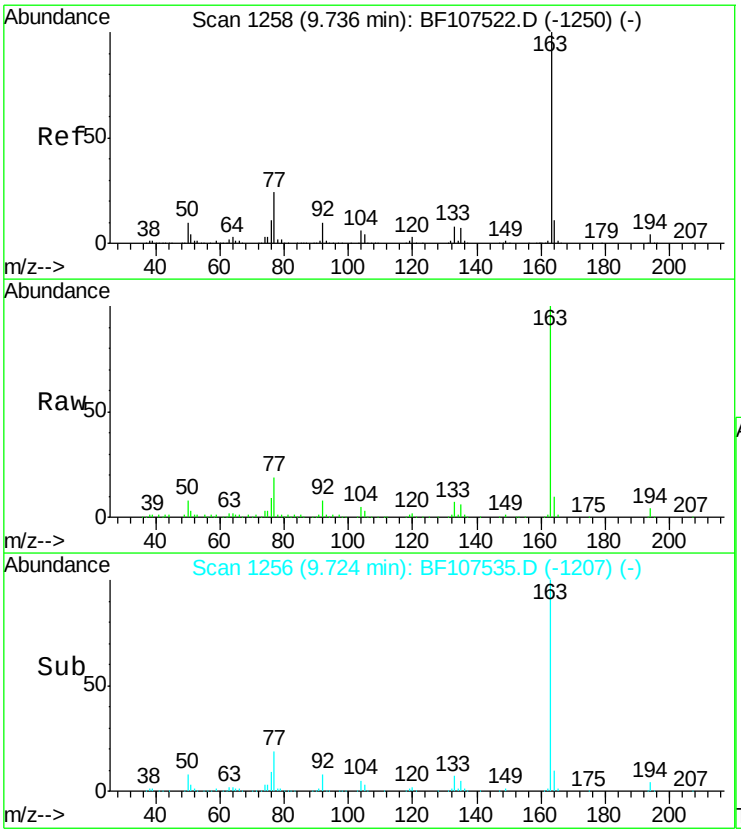
#48
Acenaphthylene
Concen: 0.097 ng
RT: 9.88 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:152 Resp: 6051

Ion	Ratio	Lower	Upper
152	100		
151	16.2	16.3	24.5#
153	14.7	10.7	16.1

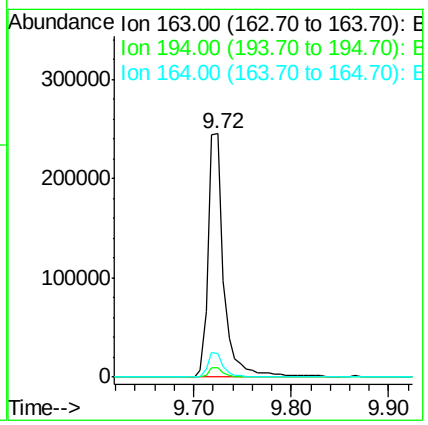


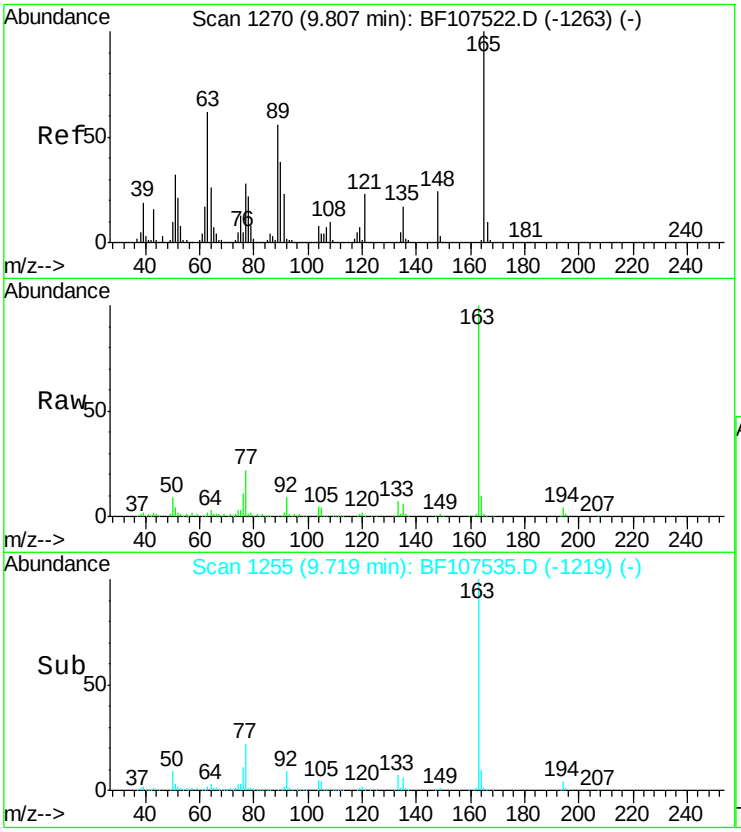


#49
Dimethylphthalate
Concen: 5.856 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:163 Resp: 273952

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.6	8.2	12.2



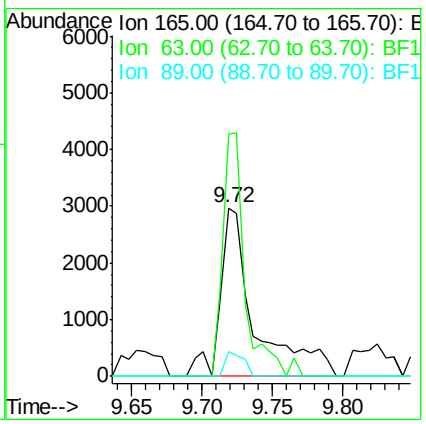


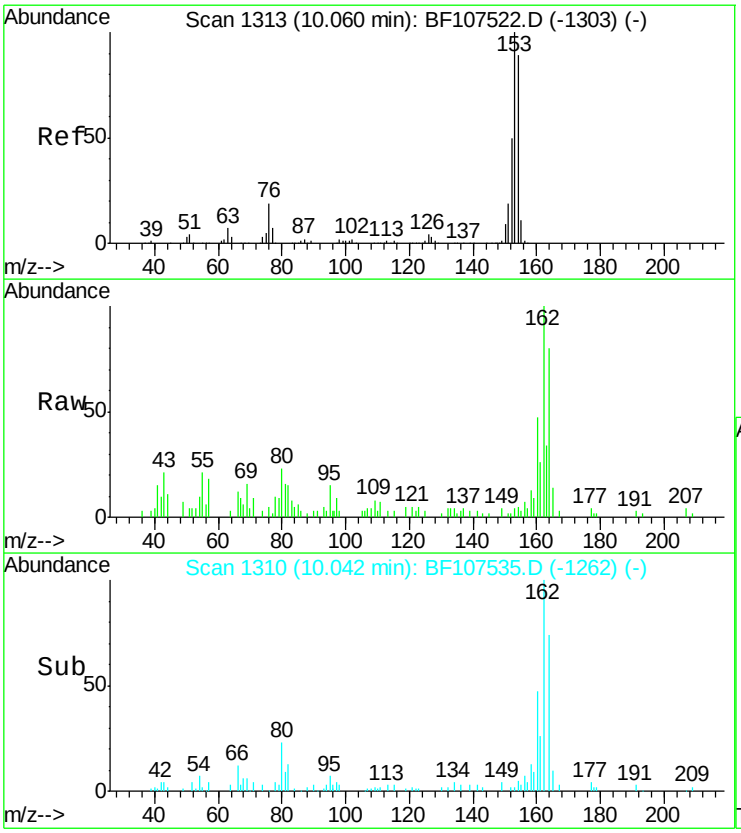
#50
2,6-Dinitrotoluene
Concen: 0.550 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.09 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:165 Resp: 5113

Ion	Ratio	Lower	Upper
165	100		
63	143.6	44.7	67.1#
89	14.5	44.0	66.0#

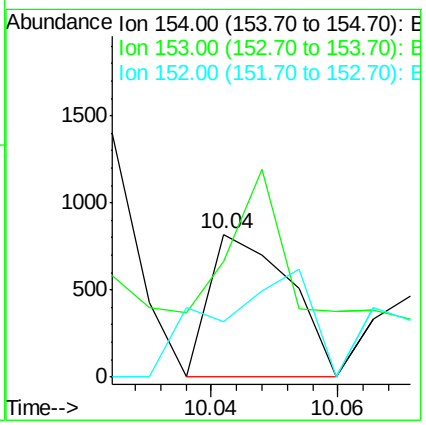


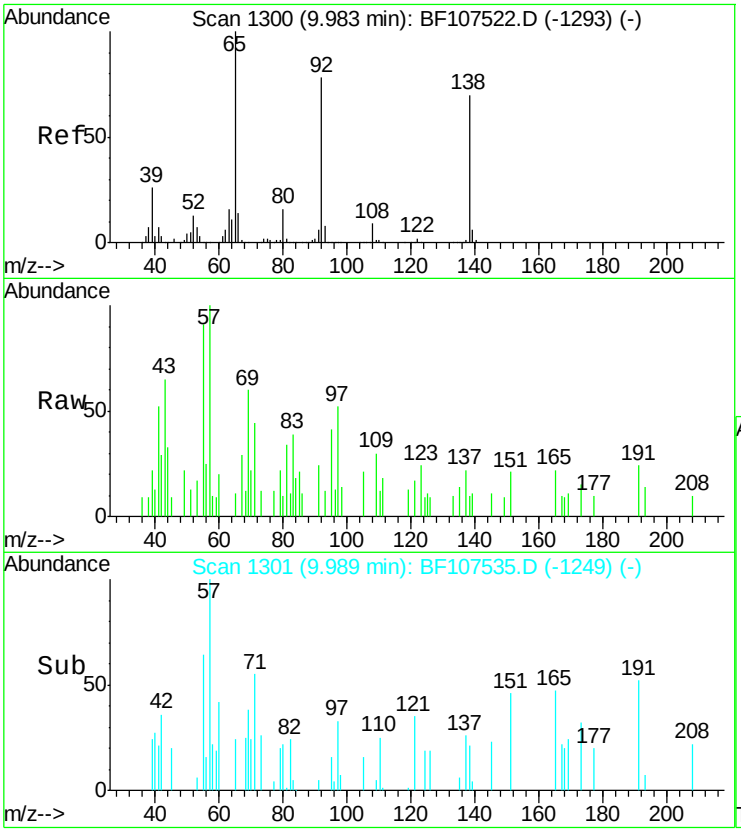


#51
Acenaphthene
Concen: 0.018 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:154 Resp: 714

Ion	Ratio	Lower	Upper
154	100		
153	81.2	91.2	136.8#
152	39.4	43.8	65.8#



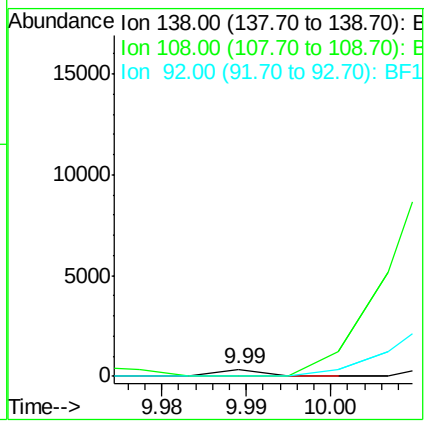


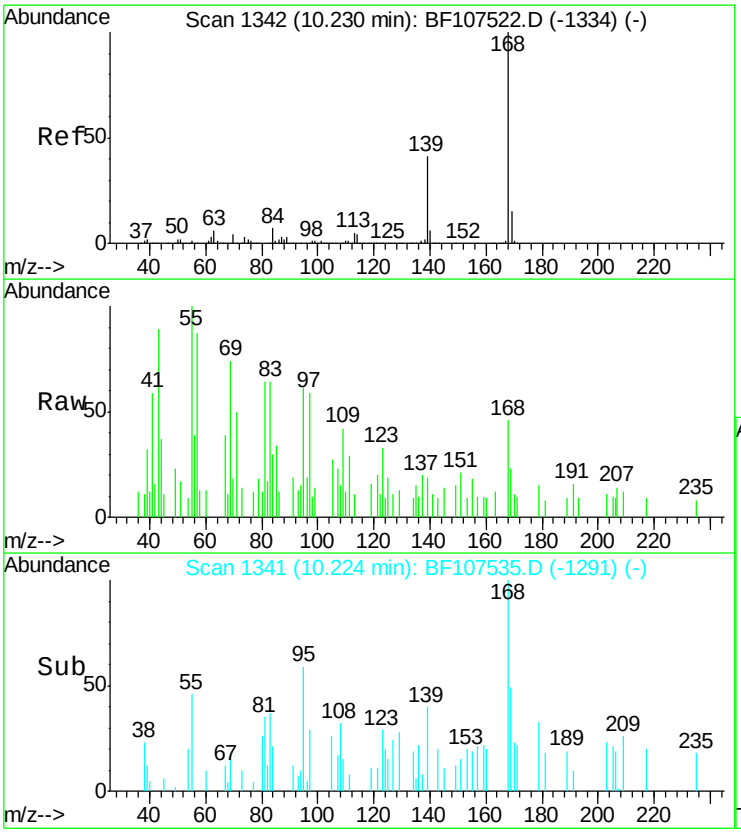
#52
3-Nitroaniline
Concen: 0.011 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:138 Resp: 120

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.4	14.0#
92	0.0	89.4	134.2#

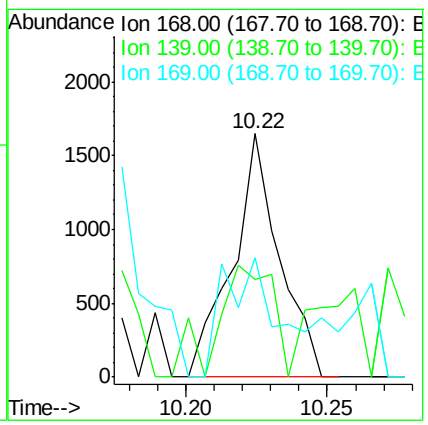


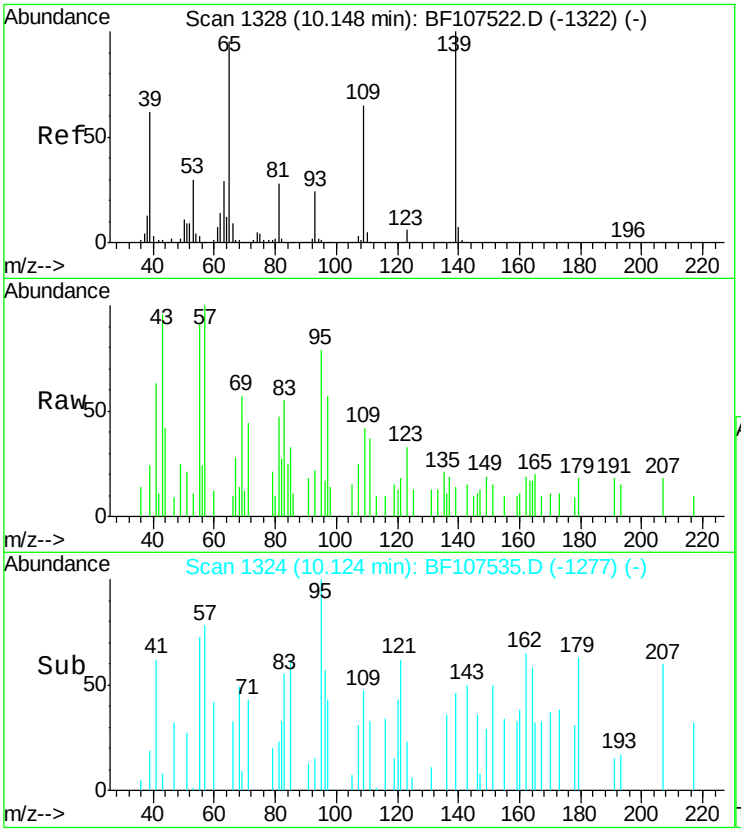


#54
Dibenzofuran
Concen: 0.033 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:168 Resp: 1902

Ion	Ratio	Lower	Upper
168	100		
139	40.0	30.1	45.1
169	49.2	10.9	16.3#



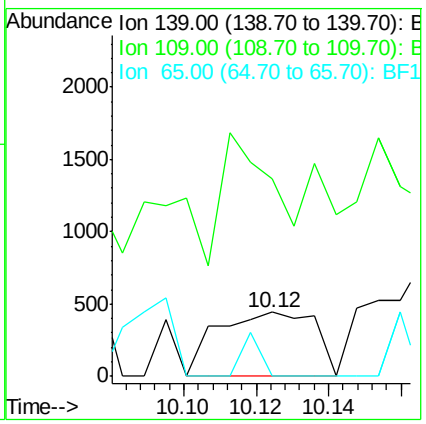


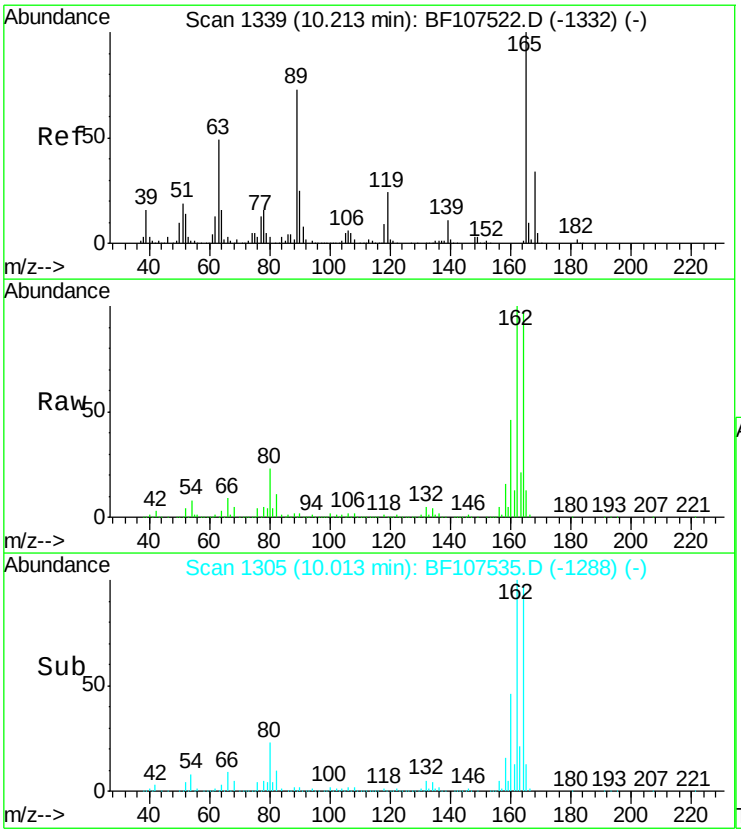
#55
4-Nitrophenol
Concen: 0.098 ng
RT: 10.12 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:139 Resp: 831

Ion	Ratio	Lower	Upper
139	100		
109	308.6	48.4	88.4#
65	0.0	72.6	112.6#

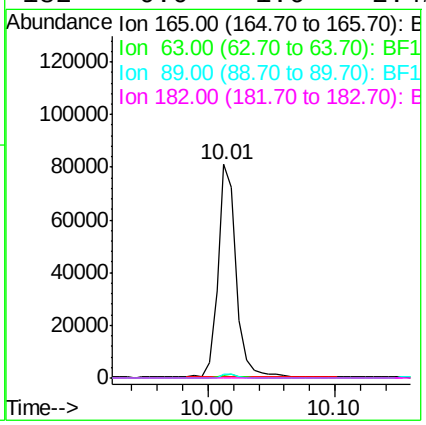


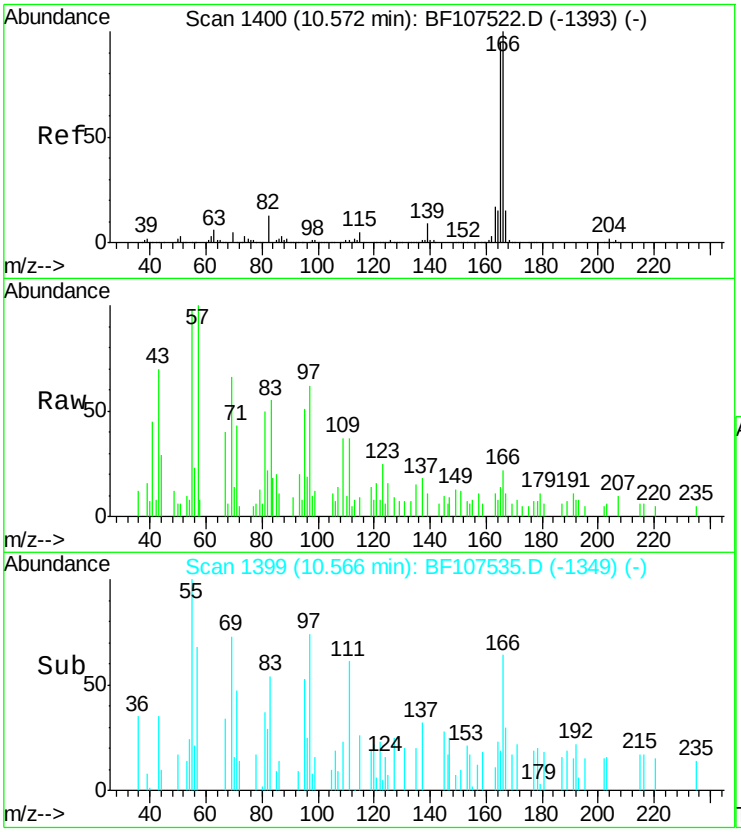


#56
2,4-Dinitrotoluene
Concen: 7.204 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.20 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:165 Resp: 80777

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



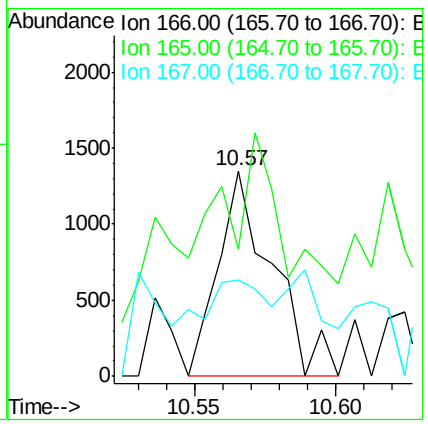


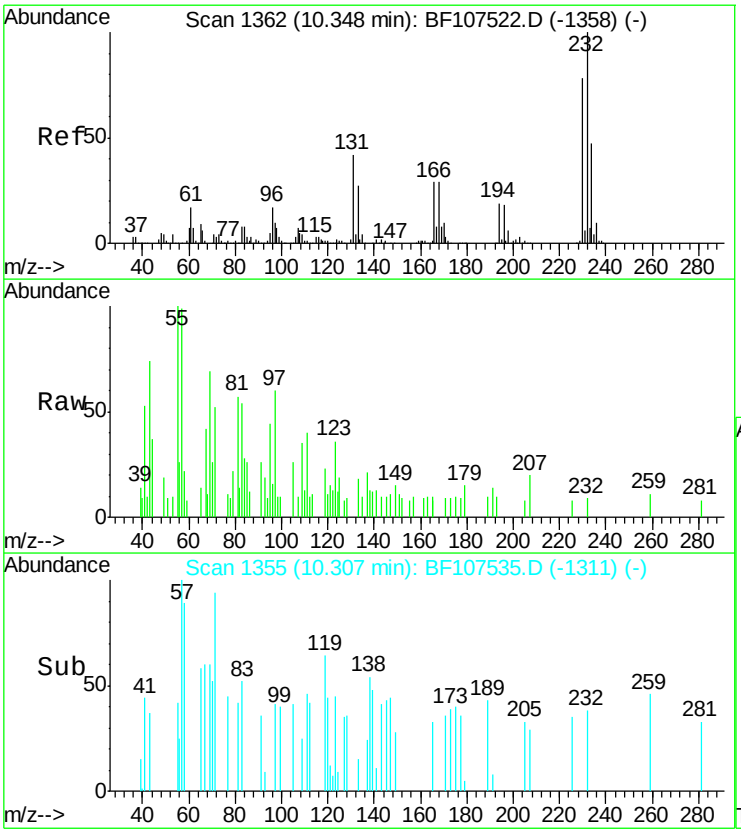
#57
Fluorene
Concen: 0.044 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:166 Resp: 1787

Ion	Ratio	Lower	Upper
166	100		
165	62.0	79.8	119.8#
167	47.2	10.6	16.0#

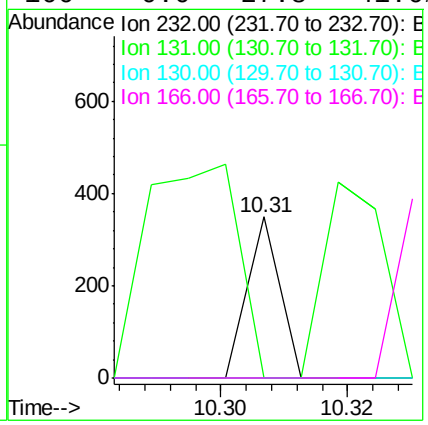


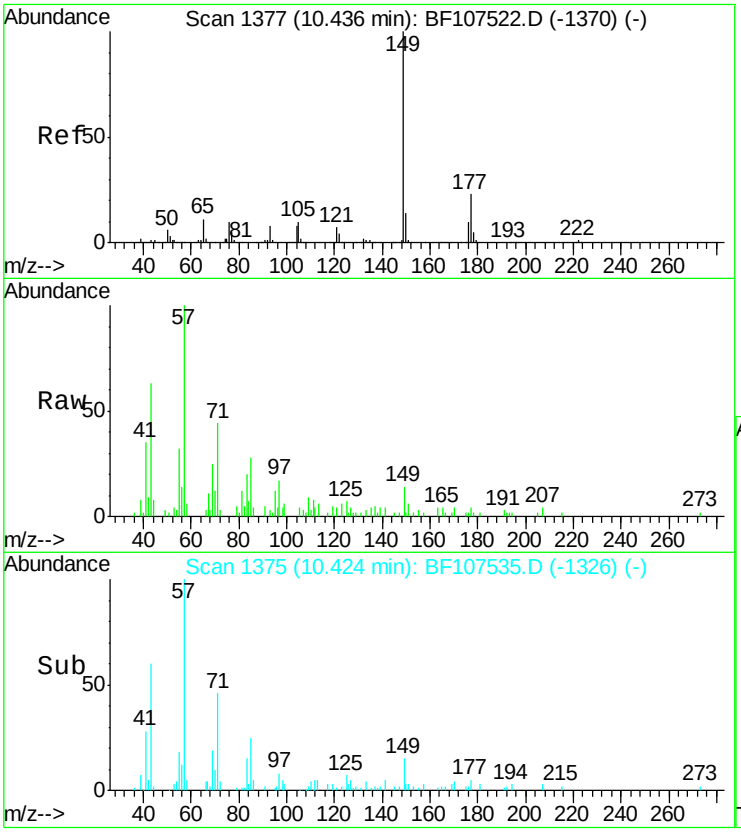


#58
2,3,4,6-Tetrachlorophenol
Concen: 0.011 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.04 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:232 Resp: 123

Ion	Ratio	Lower	Upper
232	100		
131	501.6	43.8	65.8#
130	0.0	2.1	3.1#
166	0.0	27.8	41.6#



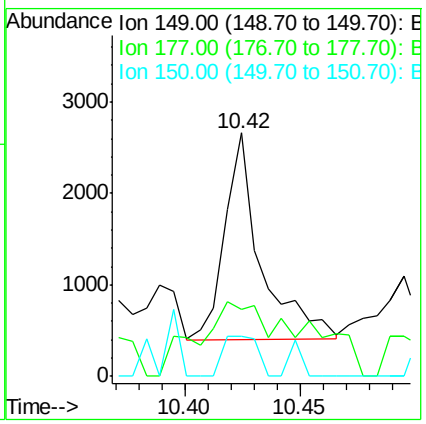


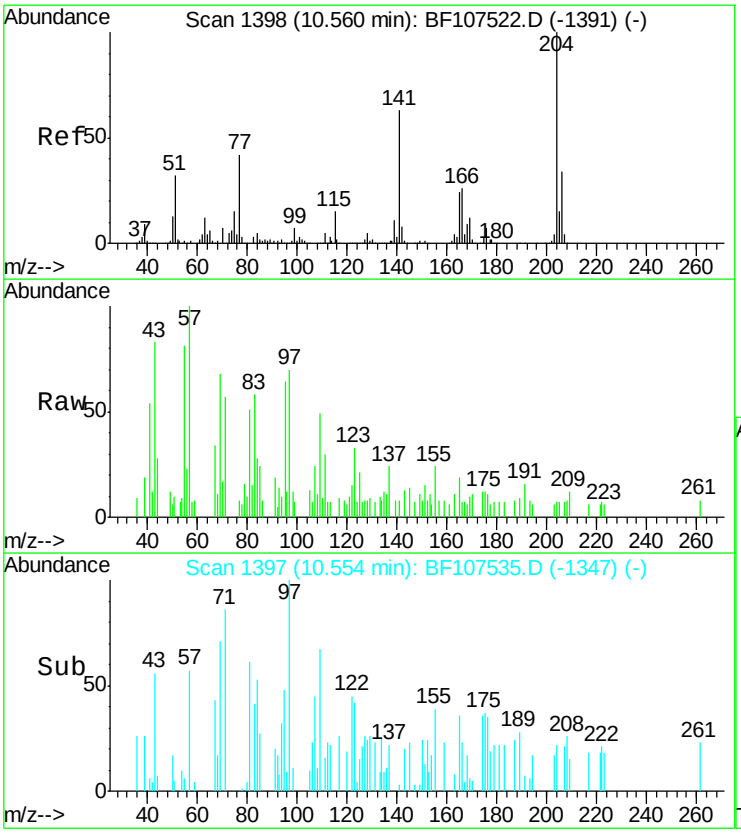
#59
Diethylphthalate
Concen: 0.050 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:149 Resp: 2442

Ion	Ratio	Lower	Upper
149	100		
177	27.6	16.1	24.1#
150	16.5	10.1	15.1#

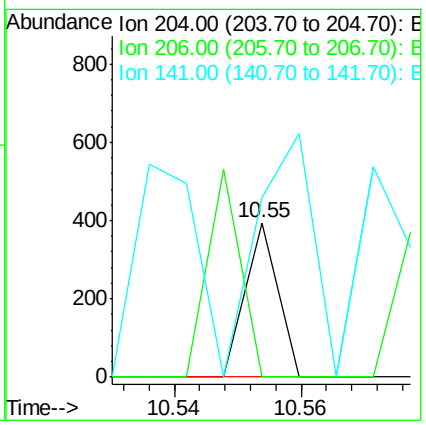


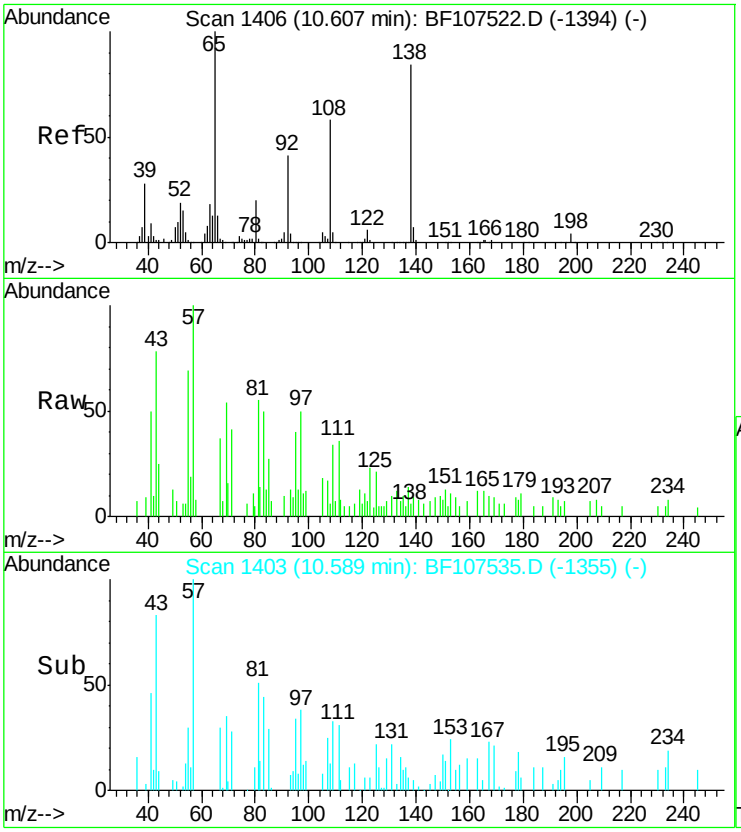


#60
4-Chlorophenyl-phenylether
Concen: 0.006 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:204 Resp: 139

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.5	39.7#
141	115.9	54.6	81.8#



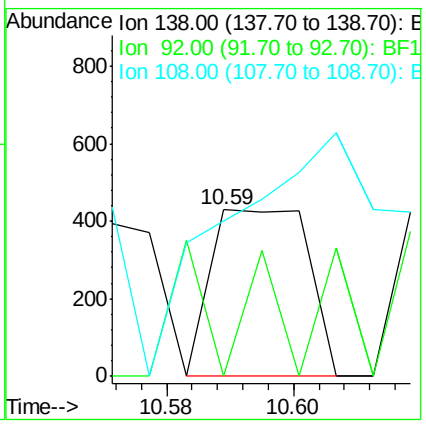


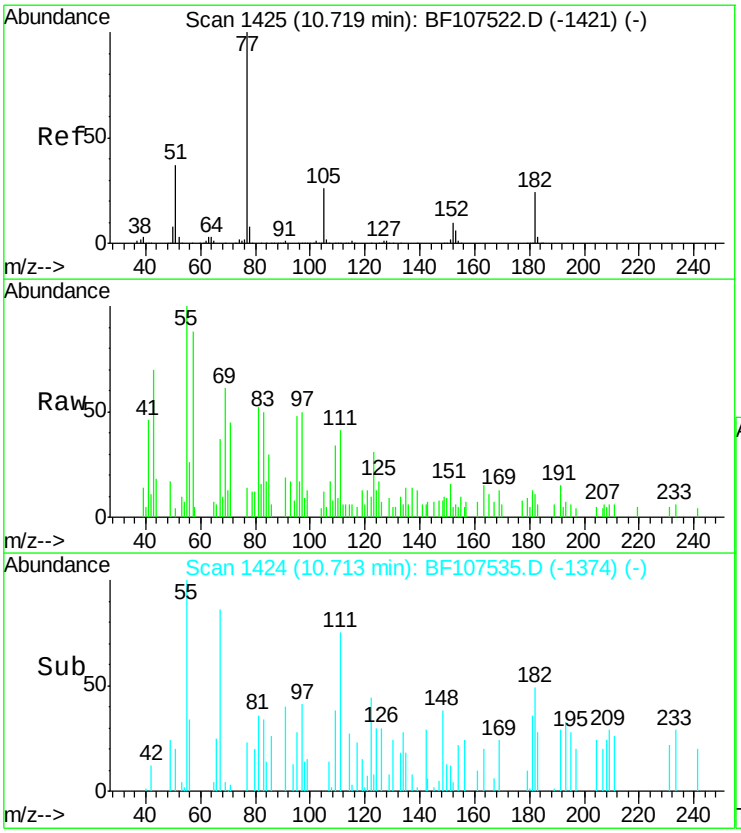
#61
4-Nitroaniline
Concen: 0.048 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:138 Resp: 451

Ion	Ratio	Lower	Upper
138	100		
92	0.0	30.2	70.2#
108	93.7	52.5	92.5#

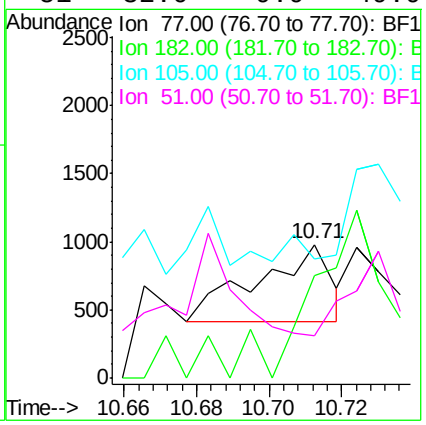


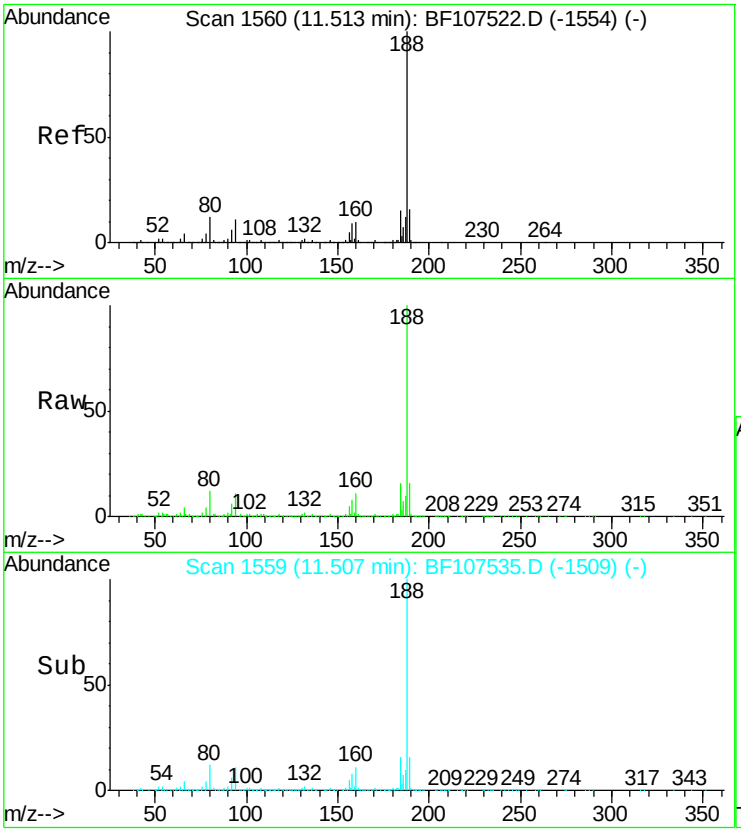


#62
Azobenzene
Concen: 0.017 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion: 77 Resp: 795

Ion	Ratio	Lower	Upper
77	100		
182	77.0	1.7	41.7#
105	89.1	3.0	43.0#
51	32.0	9.9	49.9



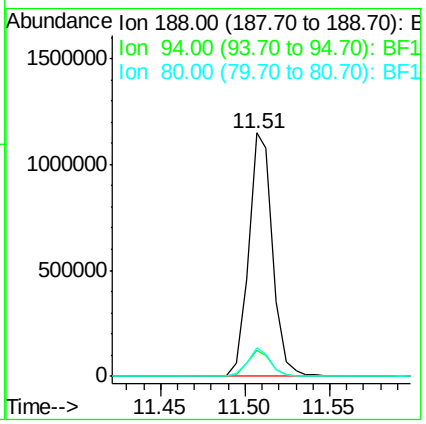


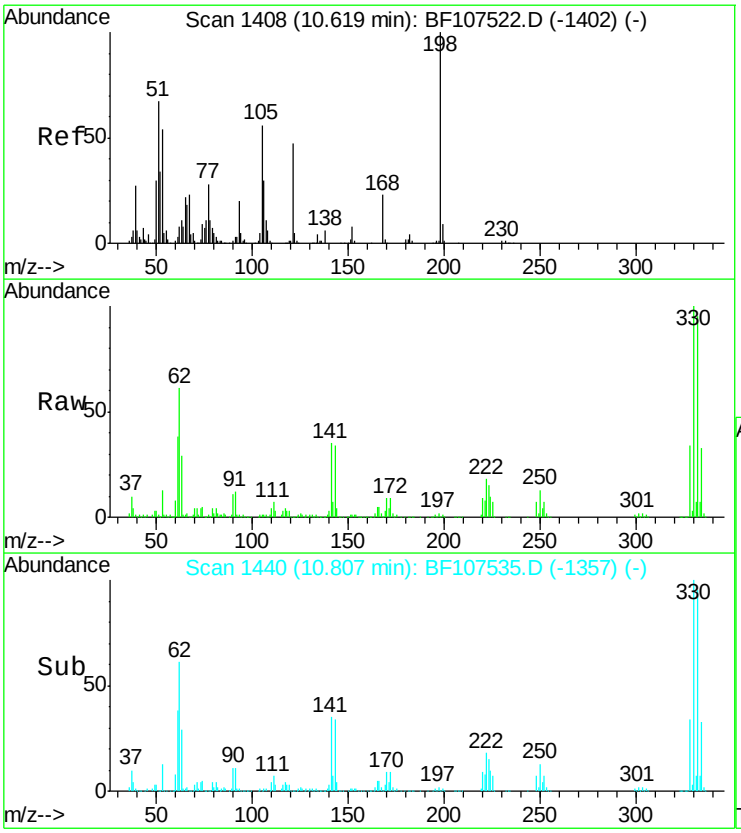
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:188 Resp: 1137982

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.8	9.2	13.8

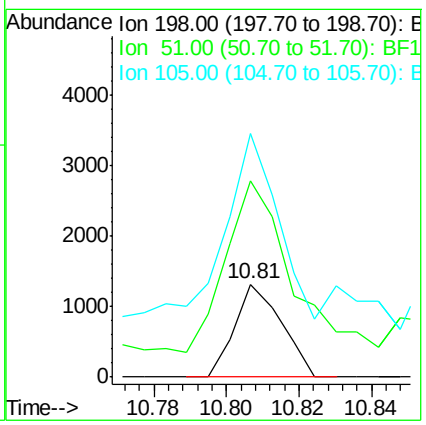


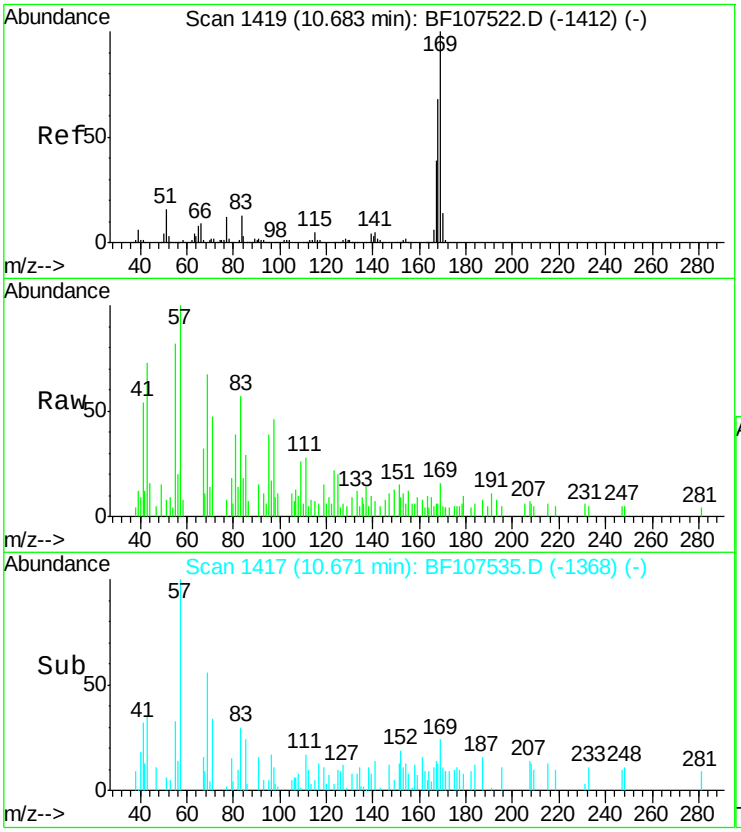


#64
4,6-Dinitro-2-methylphenol
Concen: 8.856 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:198 Resp: 1175

Ion	Ratio	Lower	Upper
198	100		
51	210.5	37.7	77.7#
105	261.7	36.3	76.3#



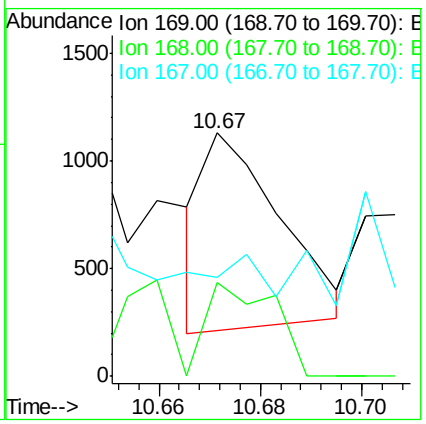


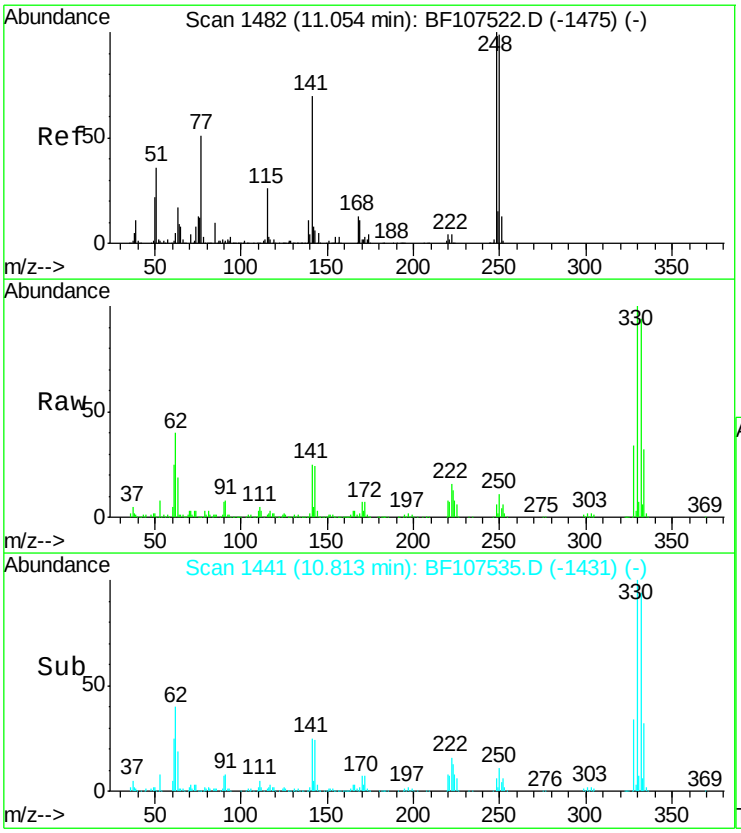
#65
n-Nitrosodiphenylamine
Concen: 0.024 ng
RT: 10.67 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:169 Resp: 945

Ion	Ratio	Lower	Upper
169	100		
168	38.4	54.4	81.6#
167	40.4	29.8	44.6

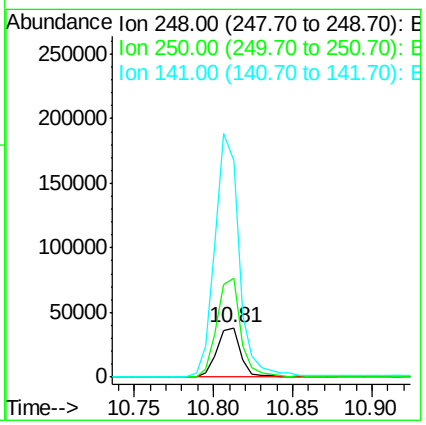


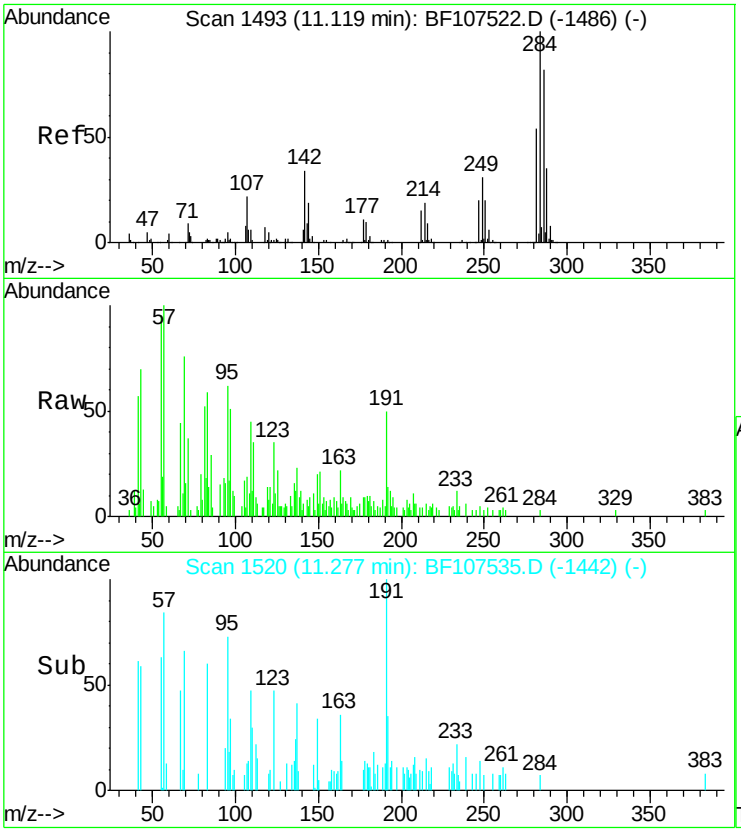


#66
4-Bromophenyl-phenylether
Concen: 3.011 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.24 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:248 Resp: 40335

Ion	Ratio	Lower	Upper
248	100		
250	199.6	76.9	115.3#
141	439.9	74.4	111.6#



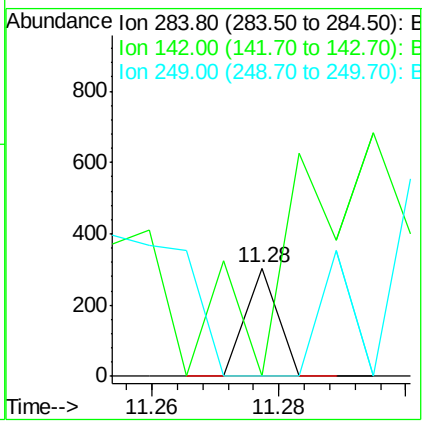


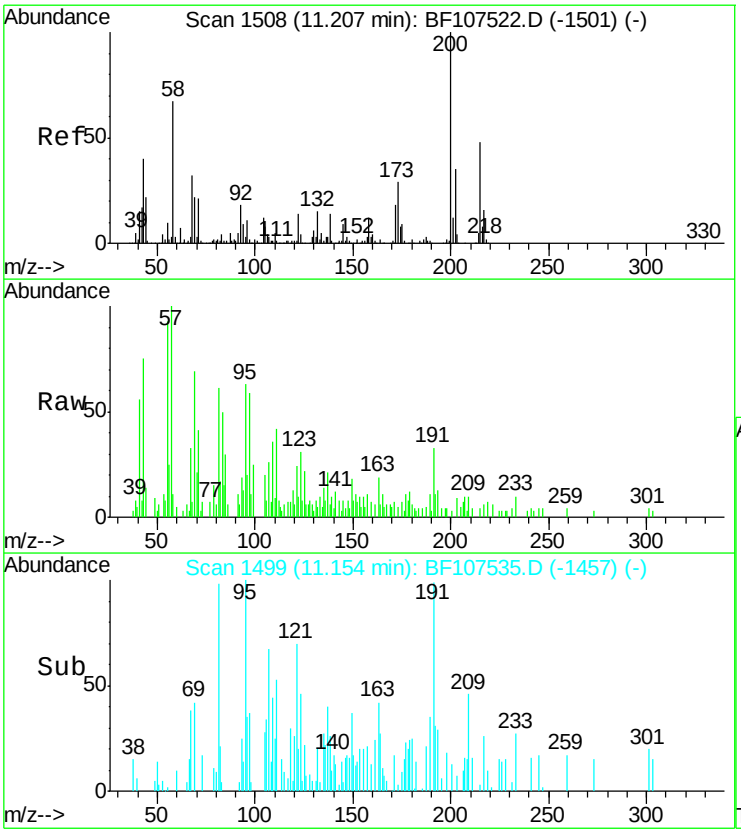
#67
Hexachlorobenzene
Concen: 0.007 ng
RT: 11.28 min Scan# 1520
Delta R.T. 0.16 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:284 Resp: 107

Ion	Ratio	Lower	Upper
284	100		
142	0.0	34.6	52.0#
249	0.0	24.8	37.2#

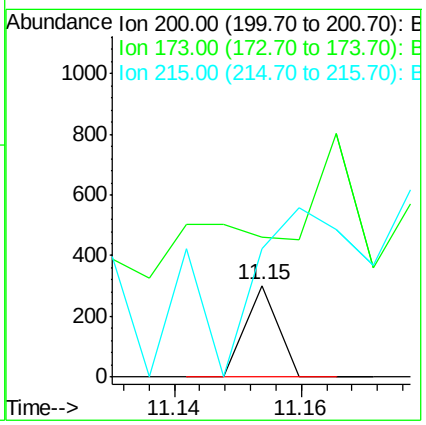


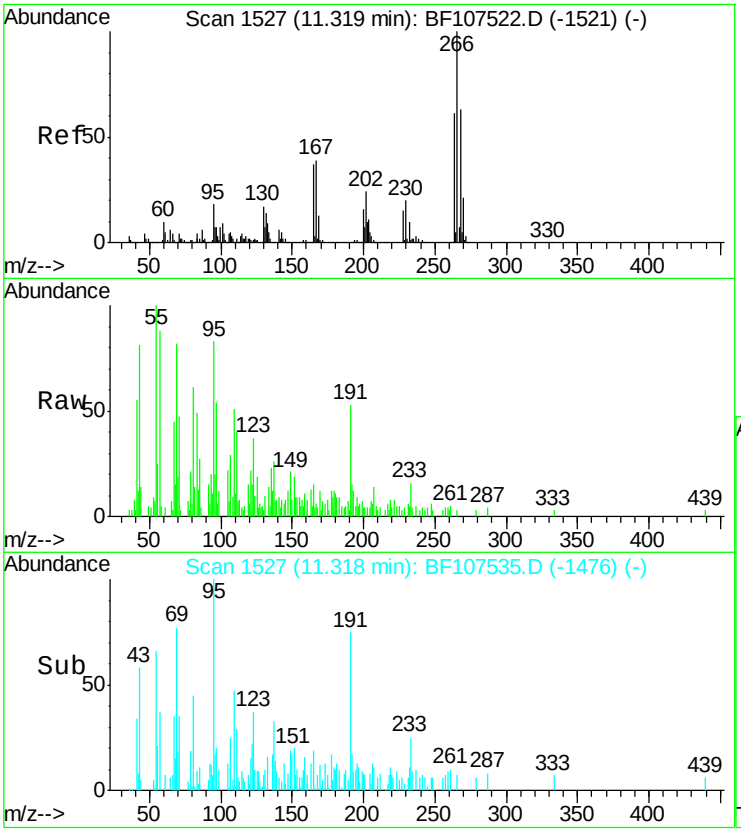


#68
Atrazine
Concen: 0.009 ng
RT: 11.15 min Scan# 1499
Delta R.T. -0.05 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:200 Resp: 106

Ion	Ratio	Lower	Upper
200	100		
173	153.2	8.6	48.6#
215	140.2	25.1	65.1#



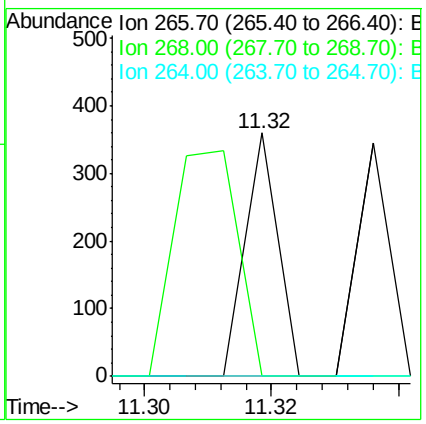


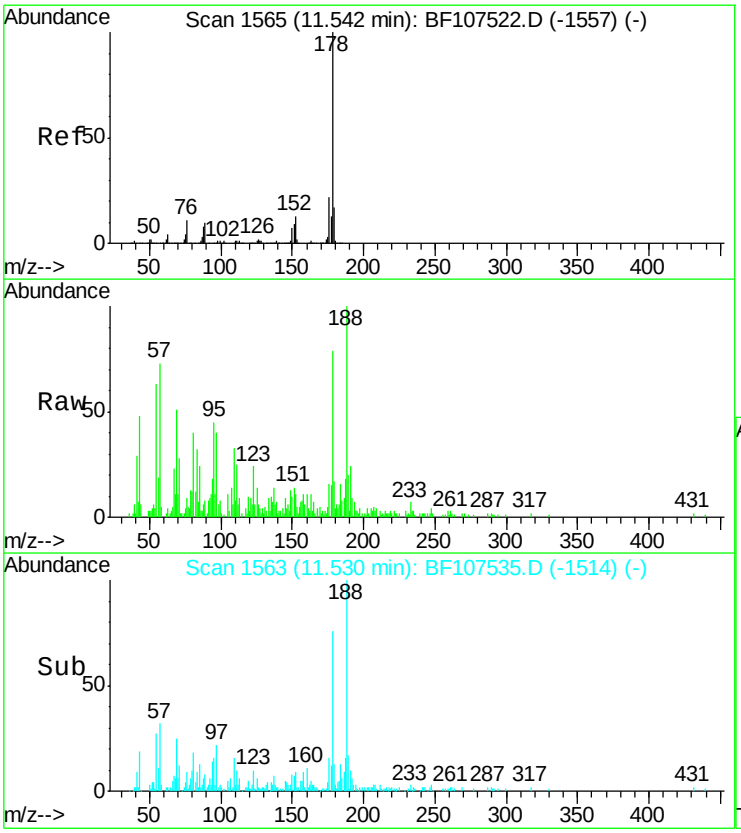
#69
Pentachlorophenol
Concen: 0.014 ng
RT: 11.32 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:266 Resp: 127

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	0.0	49.5	74.3#

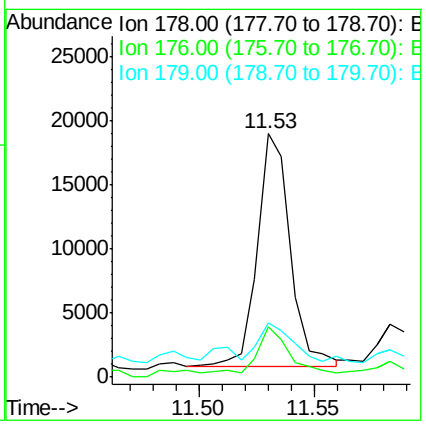


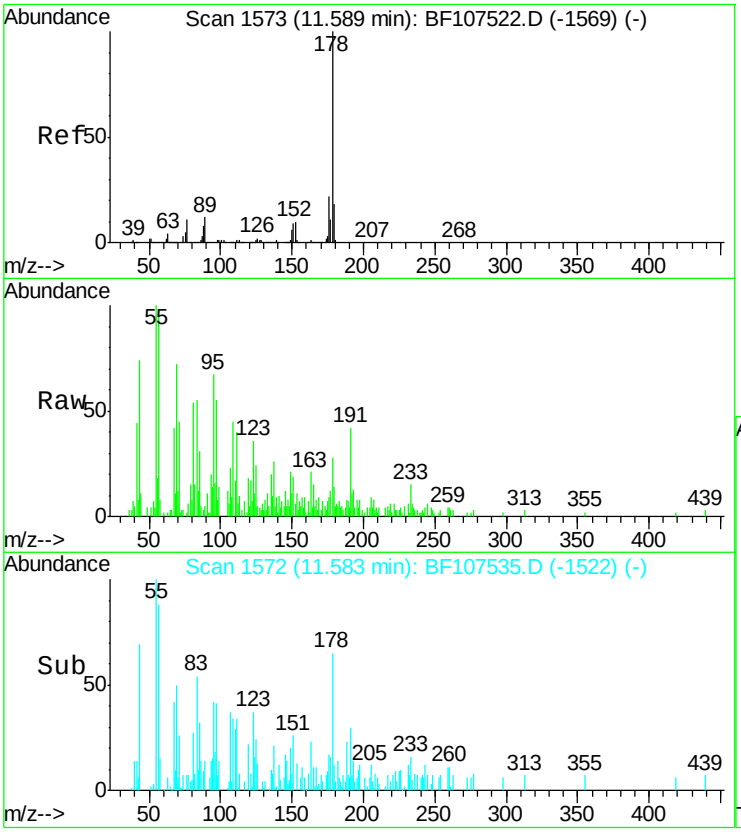


#70
Phenanthrene
Concen: 0.326 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:178 Resp: 18090

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	22.0	13.0	19.6#



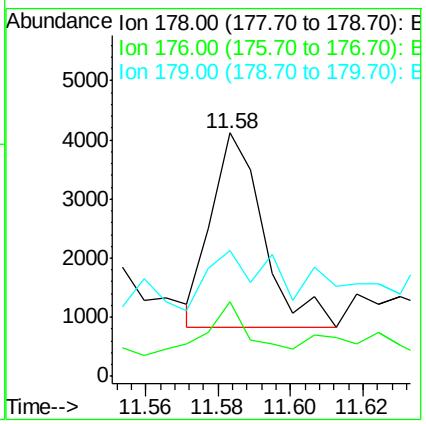


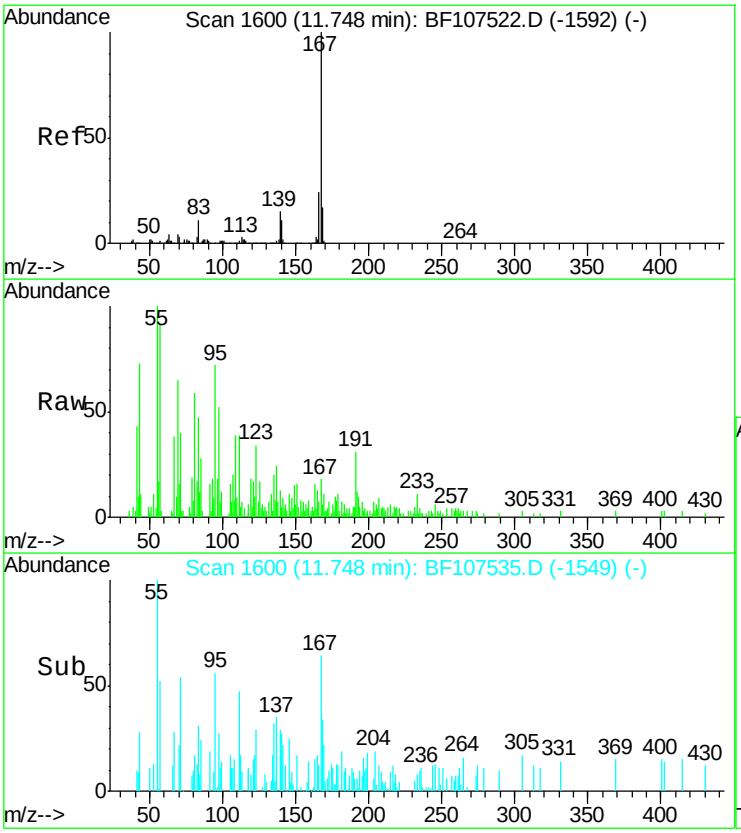
#71
Anthracene
Concen: 0.058 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:178 Resp: 3266

Ion	Ratio	Lower	Upper
178	100		
176	30.4	15.4	23.2#
179	51.5	12.6	19.0#

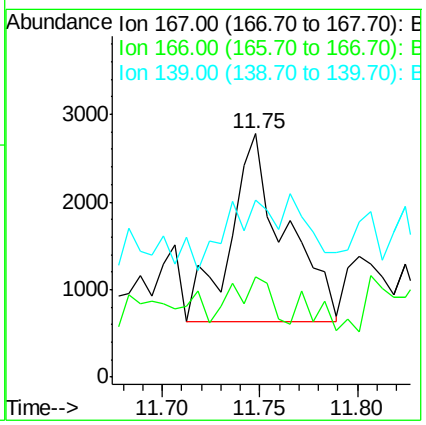


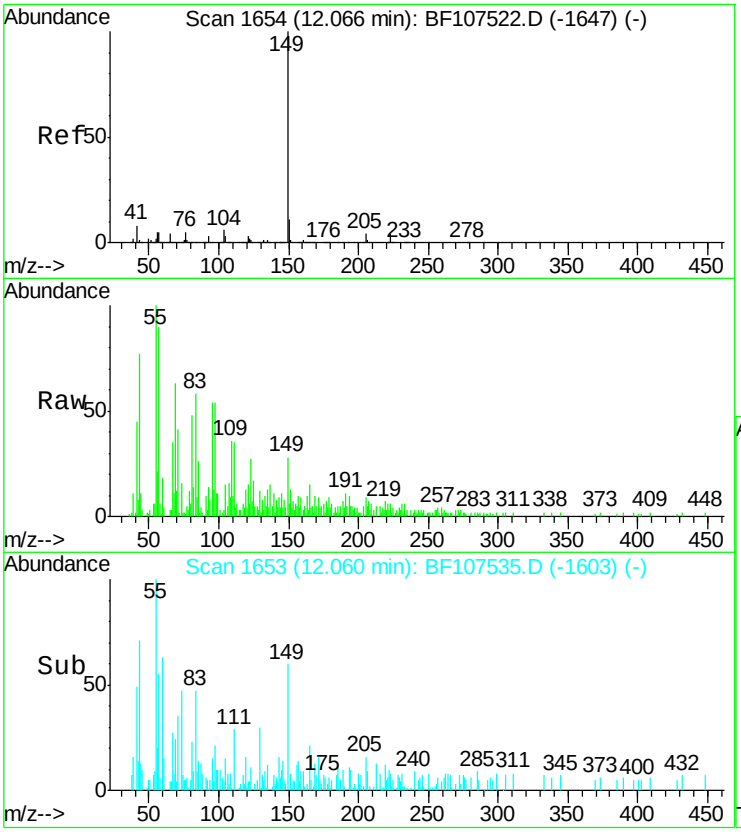


#72
Carbazole
Concen: 0.071 ng
RT: 11.75 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:167 Resp: 4139

Ion	Ratio	Lower	Upper
167	100		
166	41.2	17.6	26.4#
139	72.7	10.9	16.3#



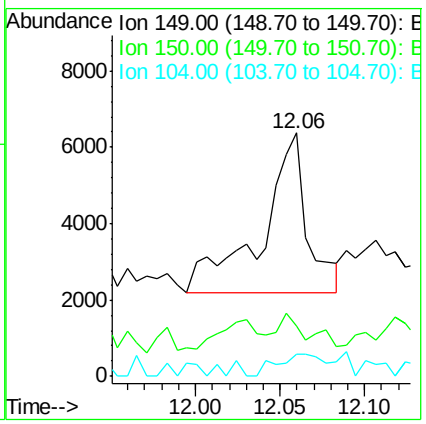


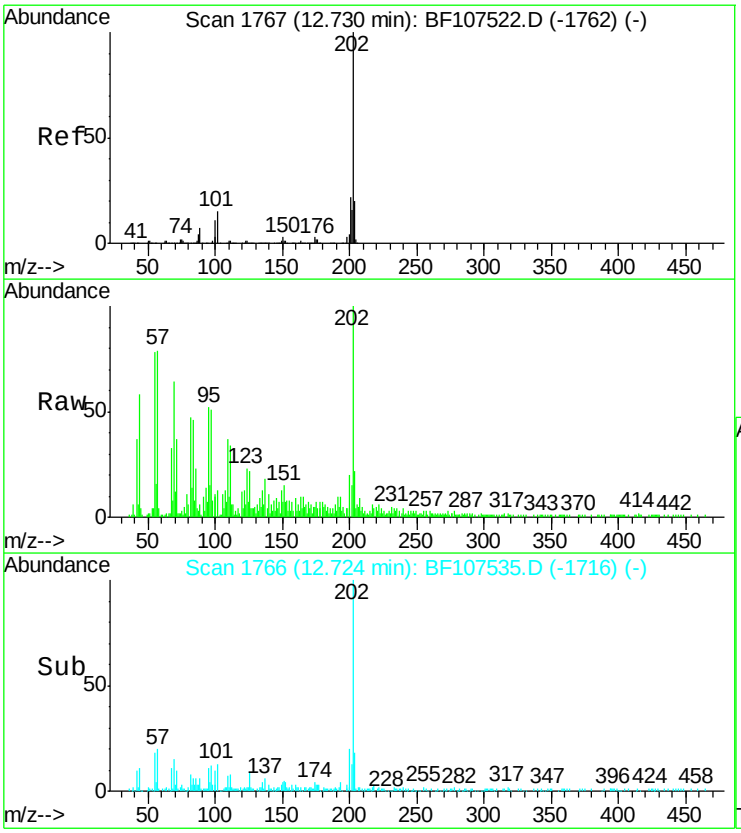
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 12.06 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:149 Resp: 7823

Ion	Ratio	Lower	Upper
149	100		
150	20.8	7.8	11.6#
104	9.4	3.8	5.8#

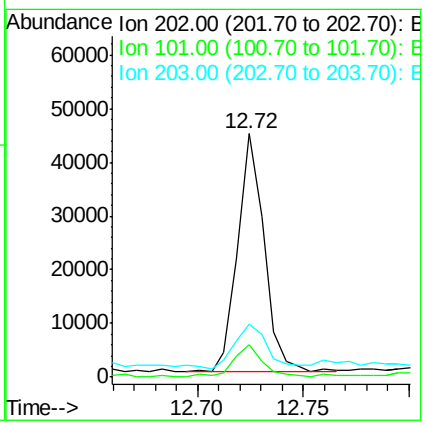


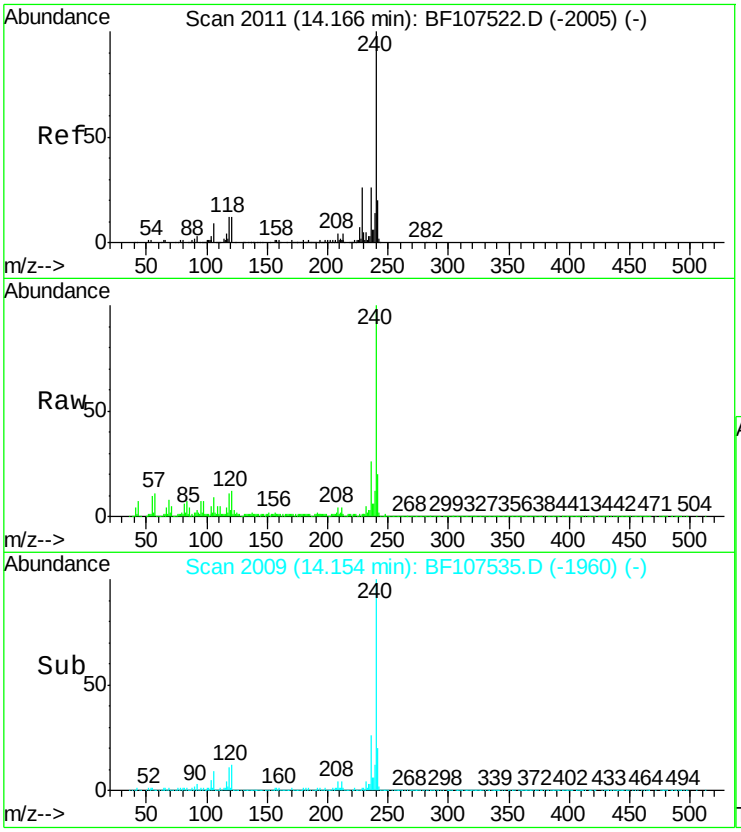


#74
Fluoranthene
Concen: 0.647 ng
RT: 12.72 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:202 Resp: 38471

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.1
203	21.8	0.0	38.1



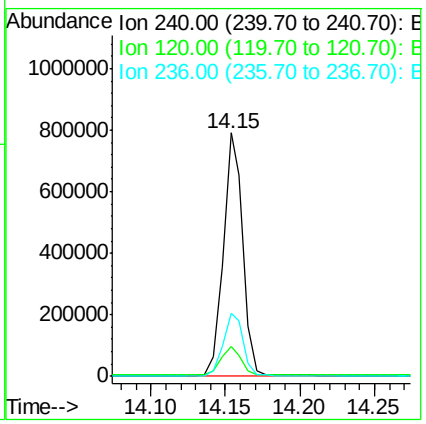


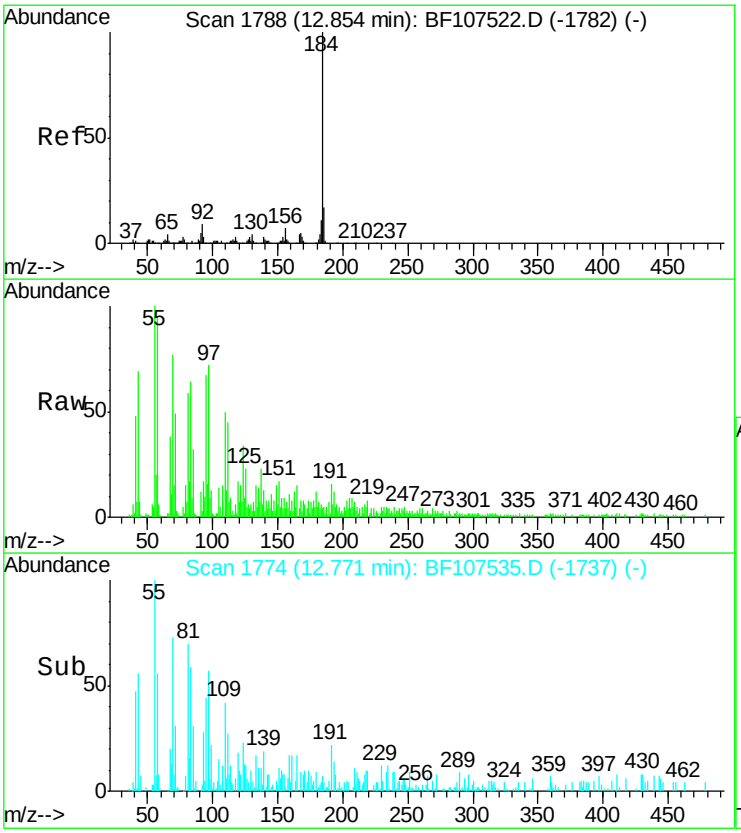
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:240 Resp: 728939

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	26.0	20.7	31.1

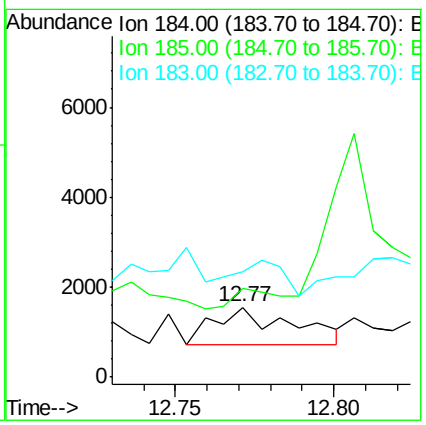


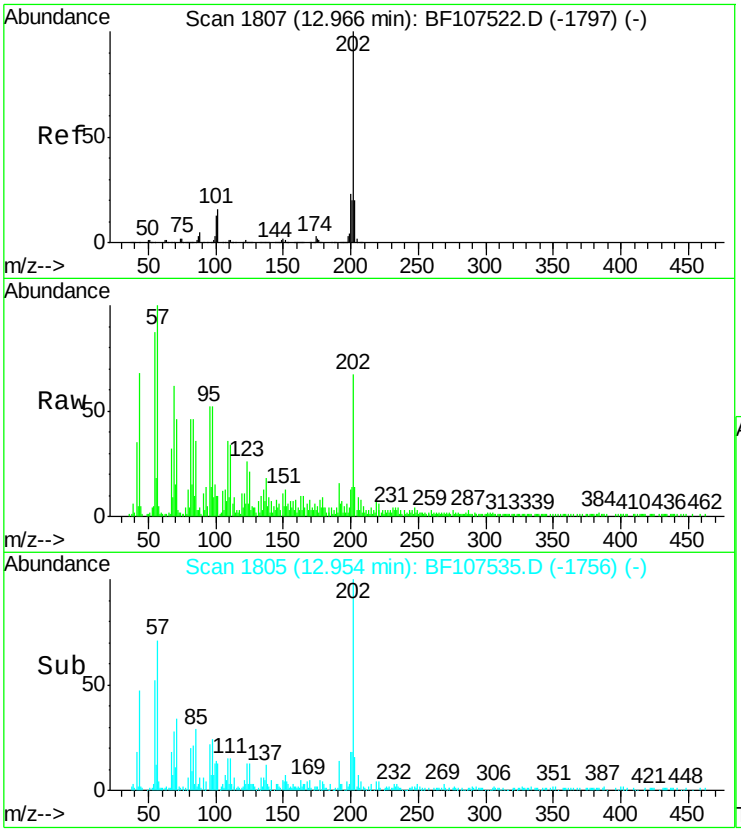


#76
Benzidine
Concen: 0.067 ng
RT: 12.77 min Scan# 1774
Delta R.T. -0.08 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:184 Resp: 1402

Ion	Ratio	Lower	Upper
184	100		
185	127.8	12.6	18.8#
183	151.8	9.3	13.9#



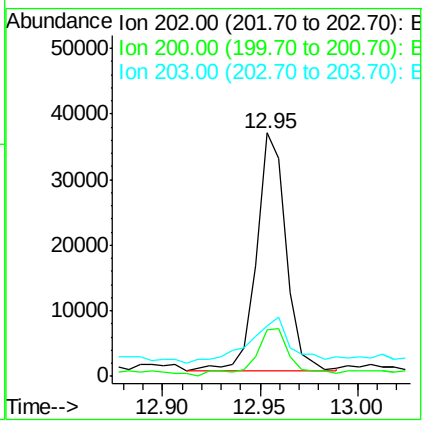


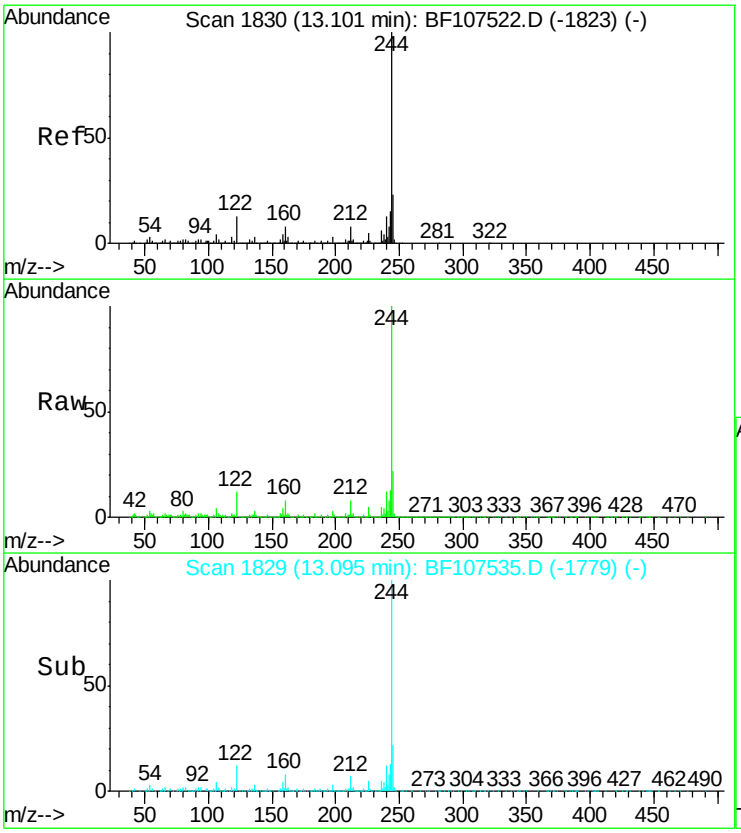
#77
Pyrene
Concen: 0.756 ng
RT: 12.95 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:202 Resp: 37713

Ion	Ratio	Lower	Upper
202	100		
200	19.1	17.4	26.2
203	20.9	14.3	21.5

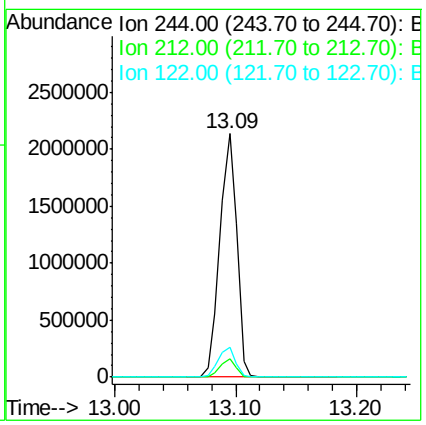


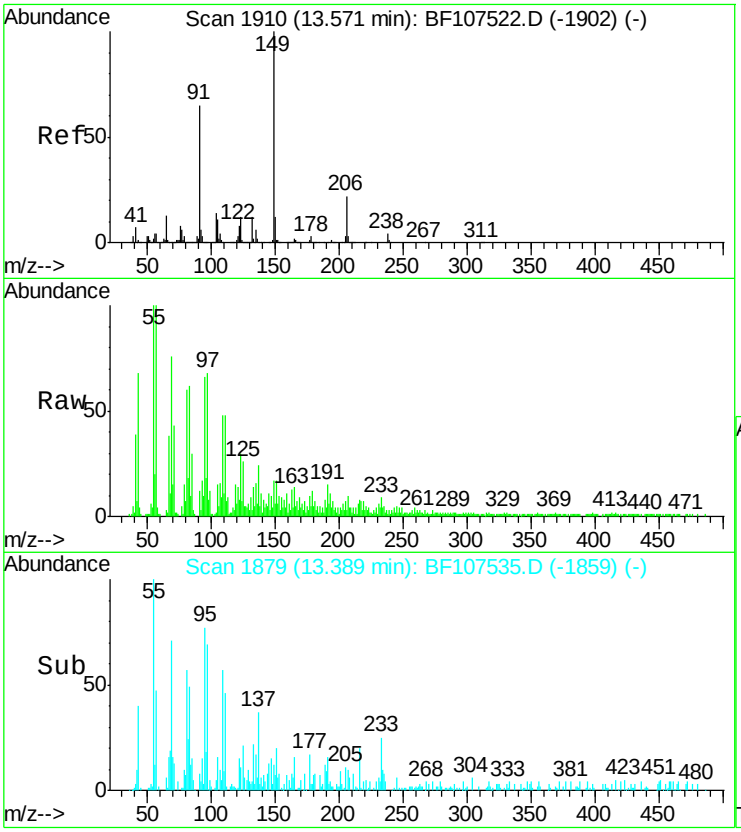


#78
Terphenyl-d14
Concen: 72.623 ng
RT: 13.09 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:244 Resp: 2067807

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	12.2	11.0	16.4



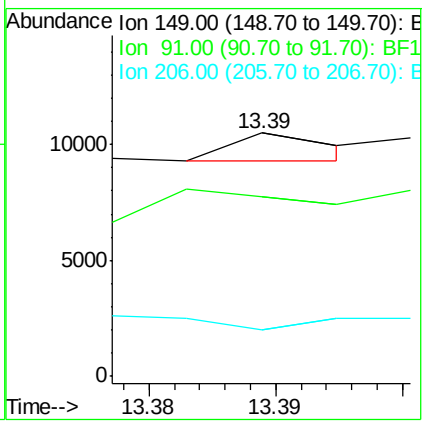


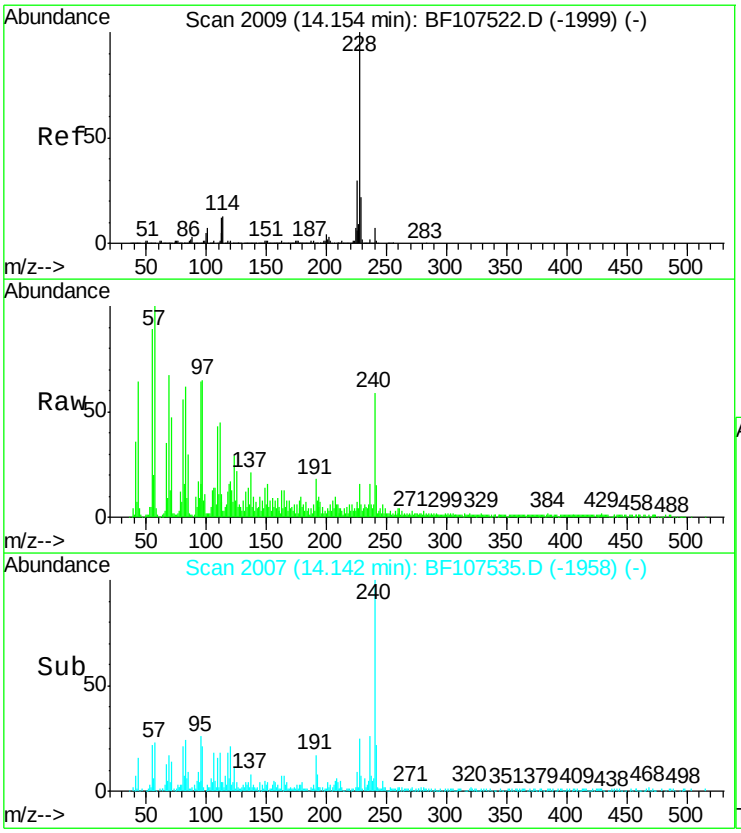
#79
Butylbenzylphthalate
Concen: 0.030 ng
RT: 13.39 min Scan# 1879
Delta R.T. -0.18 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:149 Resp: 648

Ion	Ratio	Lower	Upper
149	100		
91	73.8	56.8	85.2
206	19.1	14.1	21.1

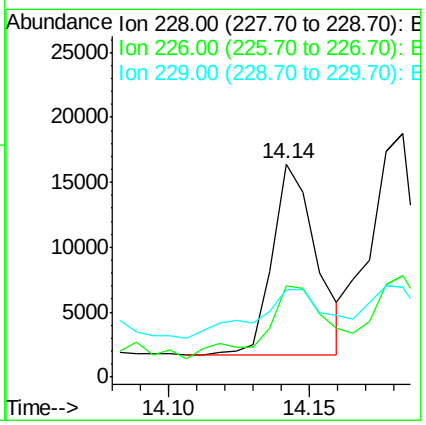


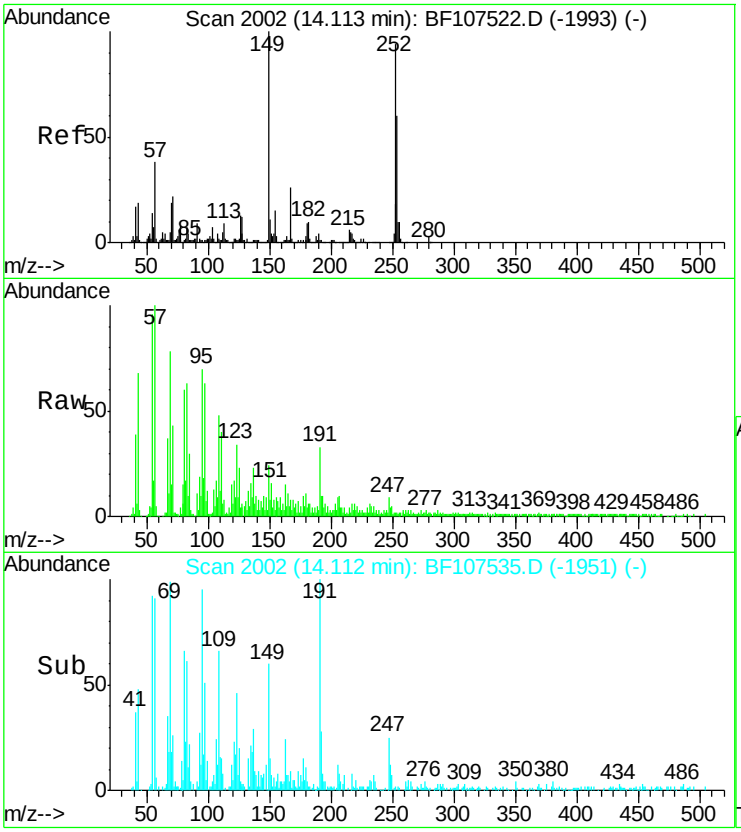


#80
Benzo(a)anthracene
Concen: 0.374 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:228 Resp: 15994

Ion	Ratio	Lower	Upper
228	100		
226	42.5	22.6	33.8#
229	40.9	15.8	23.6#



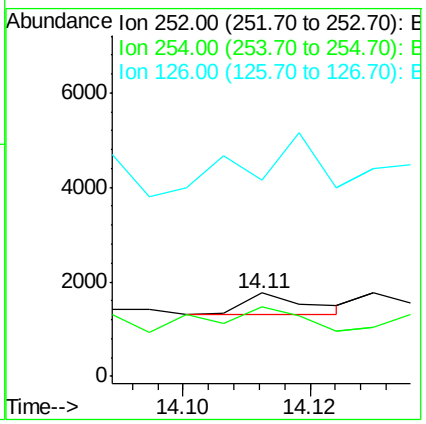


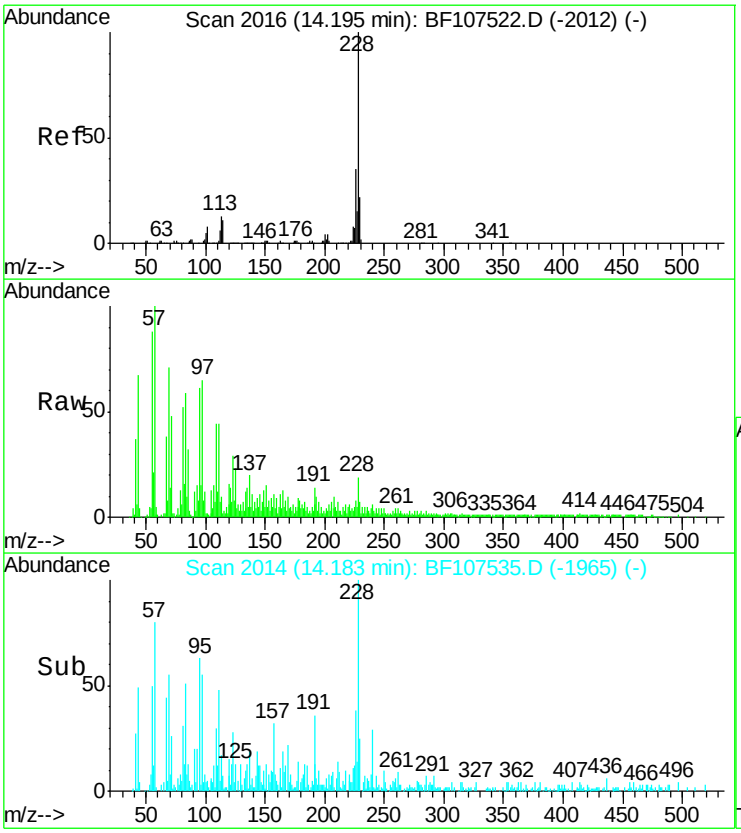
#81
3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 14.11 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:252 Resp: 309

Ion	Ratio	Lower	Upper
252	100		
254	83.7	50.4	75.6#
126	234.9	11.3	16.9#

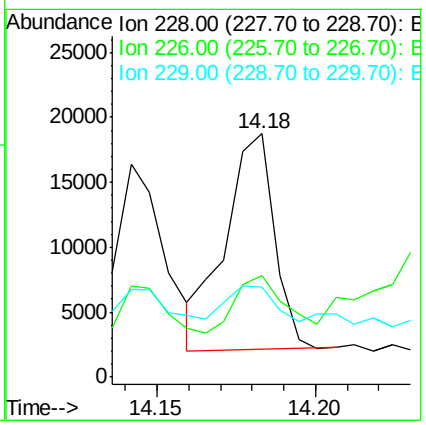


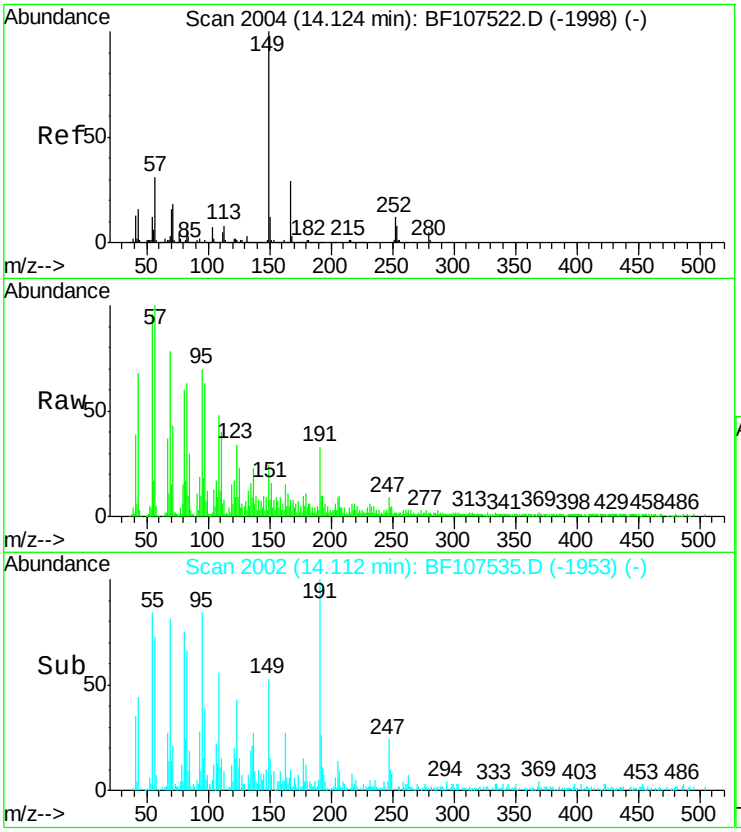


#82
Chrysene
Concen: 0.434 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:228 Resp: 17814

Ion	Ratio	Lower	Upper
228	100		
226	41.7	25.0	37.6#
229	37.1	16.2	24.4#



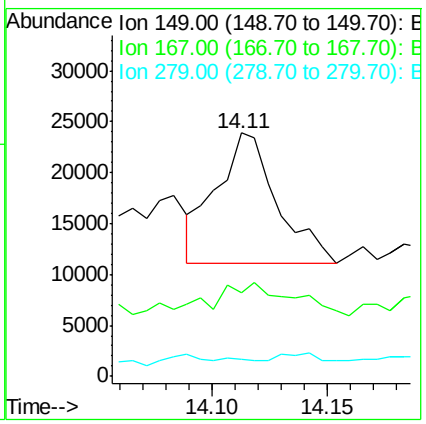


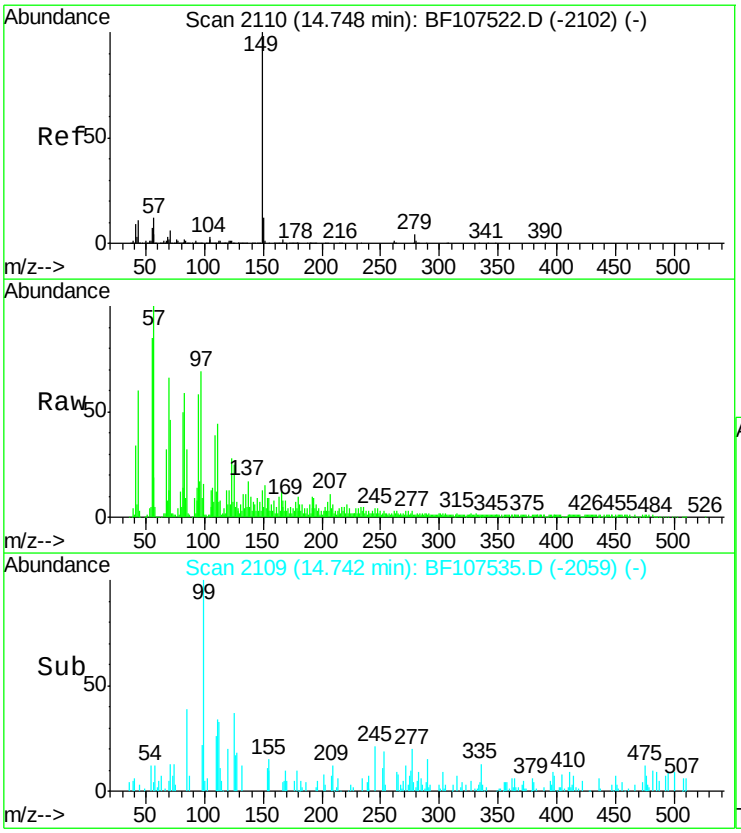
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.784 ng
RT: 14.11 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:149 Resp: 23717

Ion	Ratio	Lower	Upper
149	100		
167	34.4	21.3	31.9#
279	7.2	3.0	4.4#

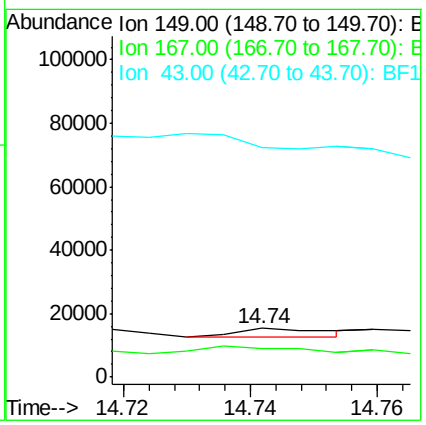


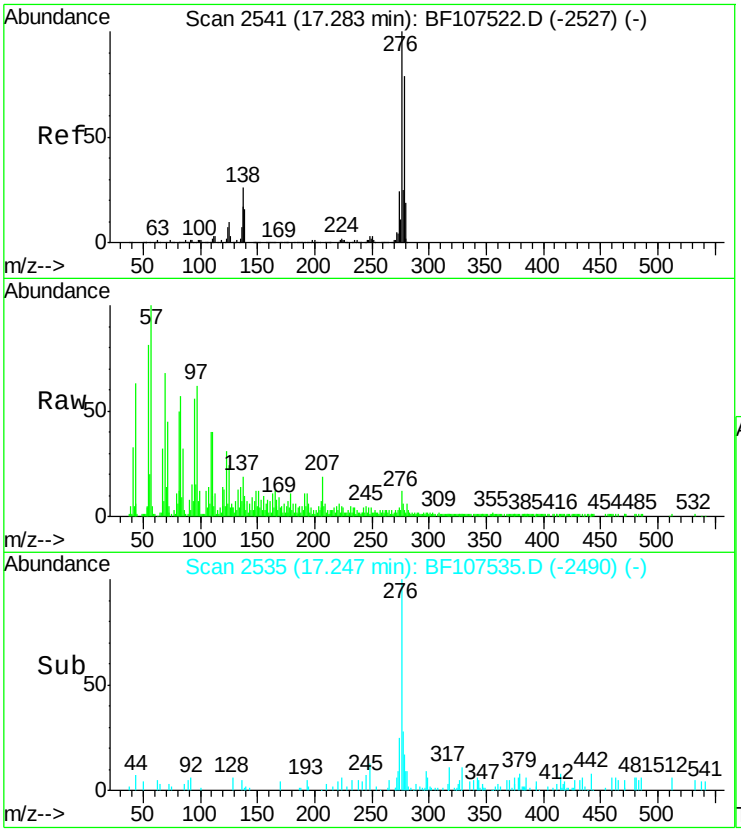


#84
Di-n-octyl phthalate
Concen: 0.053 ng
RT: 14.74 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:149 Resp: 2506

Ion	Ratio	Lower	Upper
149	100		
167	188.1	1.2	1.8#
43	1294.2	8.4	12.6#



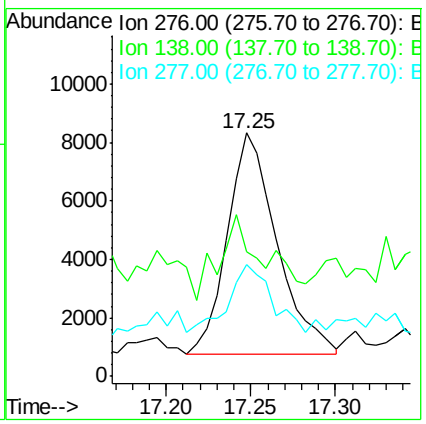


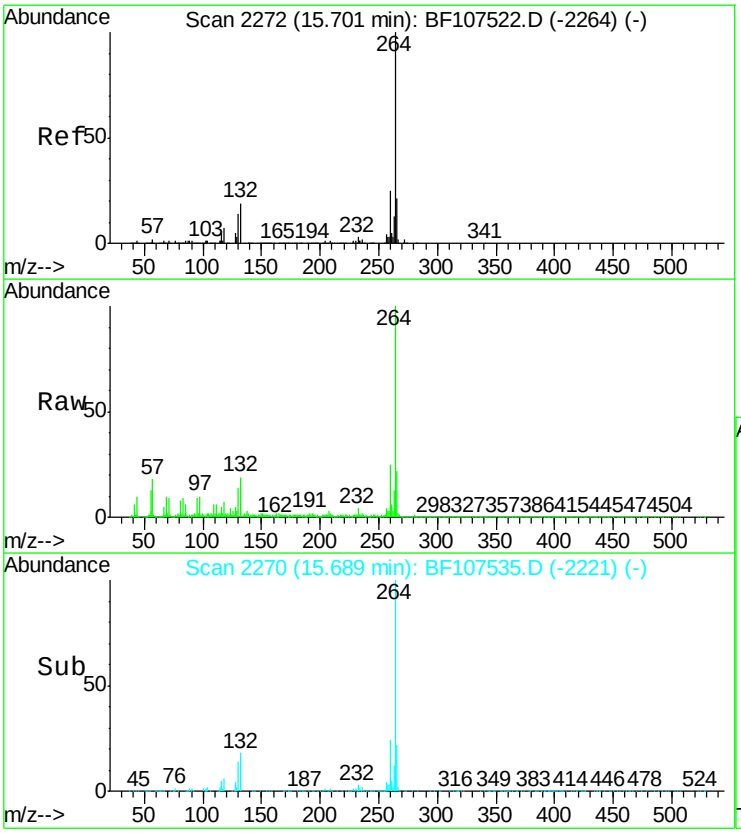
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.446 ng
RT: 17.25 min Scan# 2535
Delta R.T. -0.04 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:276 Resp: 15498

Ion	Ratio	Lower	Upper
276	100		
138	26.2	25.0	37.6
277	25.6	20.1	30.1

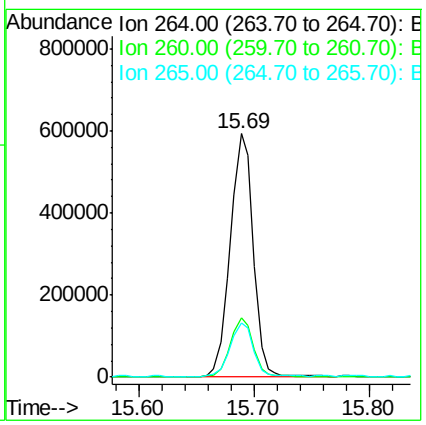


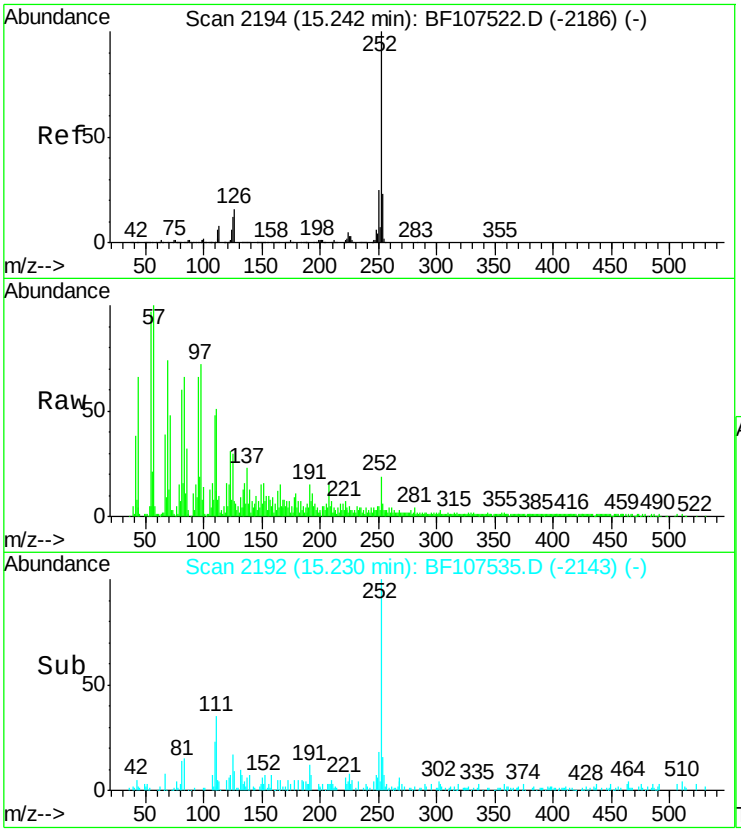


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:264 Resp: 814666

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.3	17.5	26.3



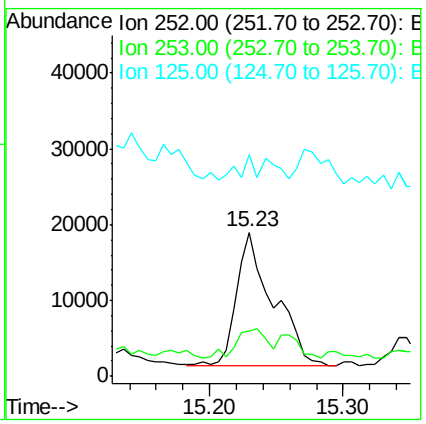


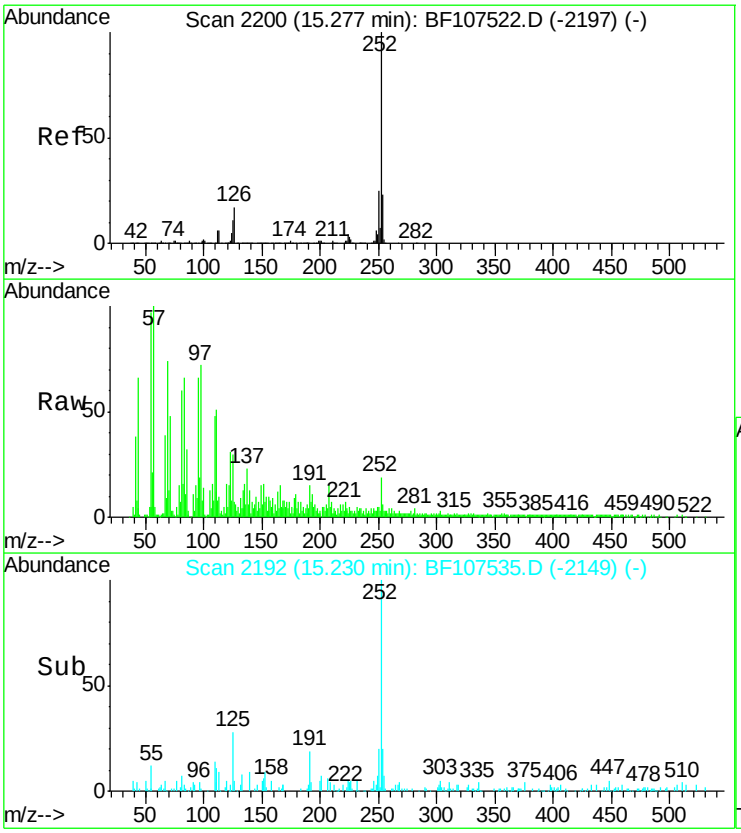
#87
Benzo(b)fluoranthene
Concen: 0.740 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:252 Resp: 32988

Ion	Ratio	Lower	Upper
252	100		
253	31.4	17.0	25.6#
125	154.2	9.0	13.6#

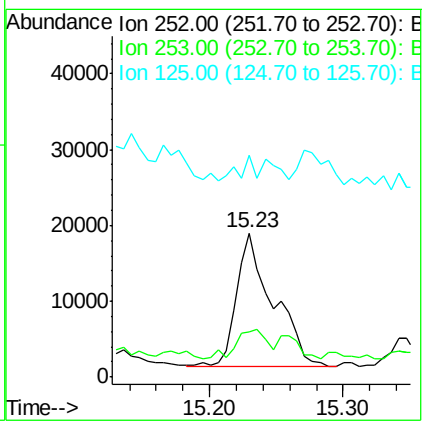


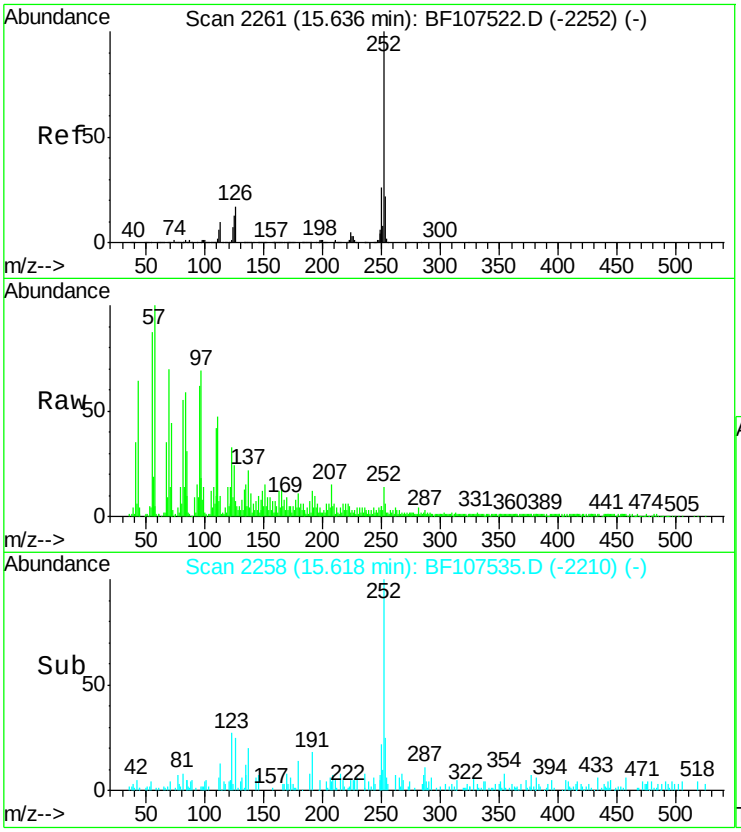


#88
Benzo(k)fluoranthene
Concen: 0.755 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.05 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:252 Resp: 32988

Ion	Ratio	Lower	Upper
252	100		
253	31.4	17.9	26.9#
125	154.2	10.2	15.2#



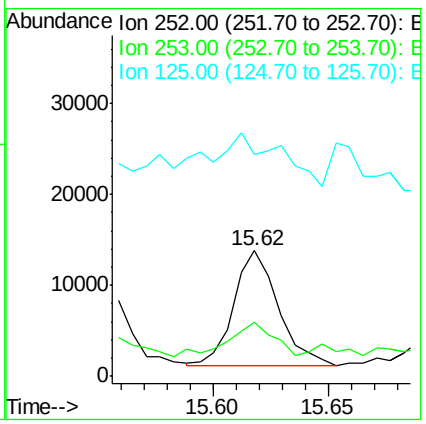


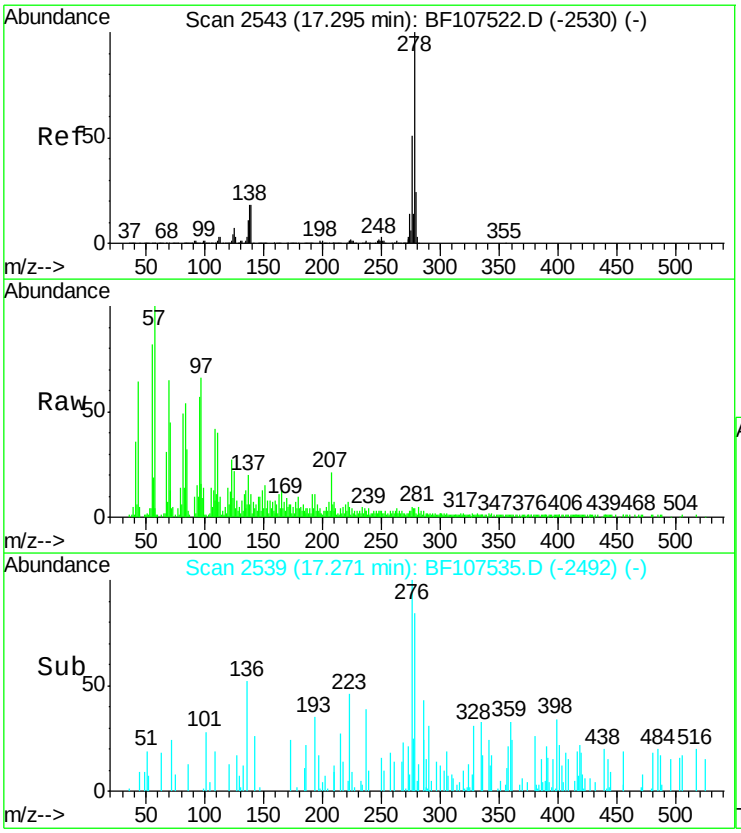
#89
Benzo(a)pyrene
Concen: 0.424 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:252 Resp: 17307

Ion	Ratio	Lower	Upper
252	100		
253	42.7	17.1	25.7#
125	176.2	9.8	14.6#

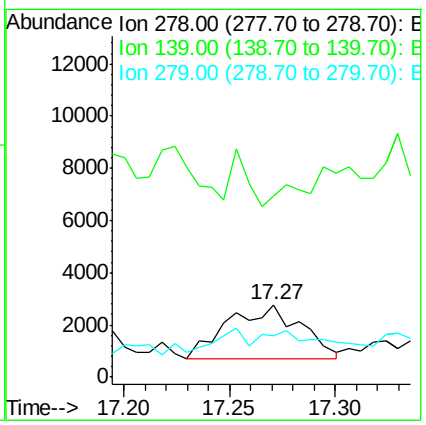


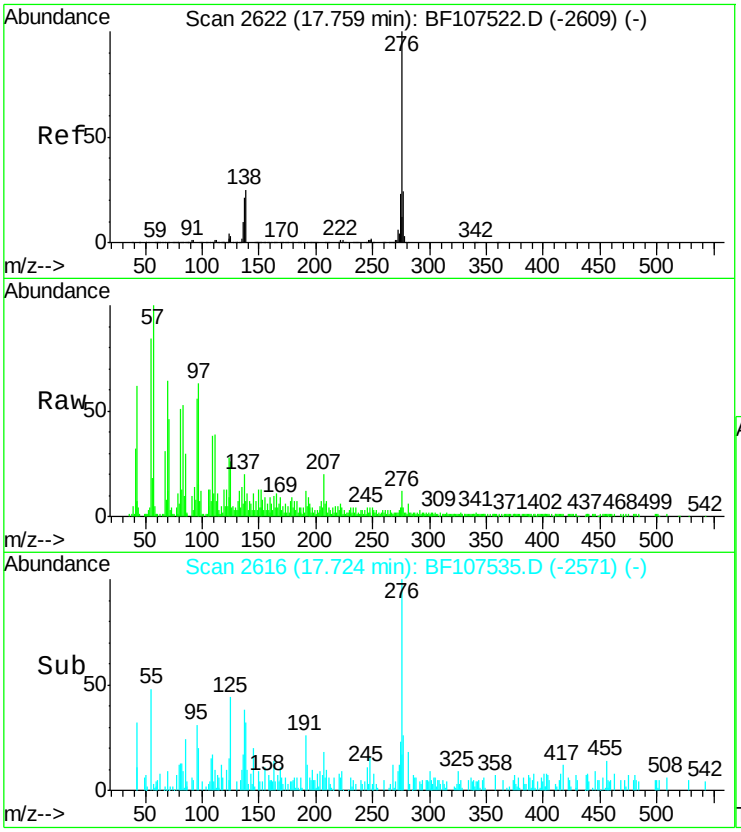


#90
Dibenzo(a,h)anthracene
Concen: 0.142 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.02 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Tgt Ion:278 Resp: 5022

Ion	Ratio	Lower	Upper
278	100		
139	249.4	15.9	23.9#
279	56.3	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 0.501 ng
RT: 17.72 min Scan# 2616
Delta R.T. -0.04 min
Lab File: BF107535.D
Acq: 20 Jul 2018 20:31

Instrument :
BNA_F
ClientSampleId :
161-TP-1

Tgt Ion:276 Resp: 17438

Ion	Ratio	Lower	Upper
276	100		
277	38.4	17.9	26.9#
138	62.0	21.8	32.8#