Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106684.D
Acq On : 22 Jun 2018 1:48
Operator : JU/SJ
Sample : J3523-03MSD 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA1(S)MSD

Quant Time: Jun 22 03:26:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	58826	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	214138	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	98824	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	192829	20.00	ng		0.00
75) Chrysene-d12	14.15	240	155183	20.00	ng		0.00
86) Perylene-d12	15.68	264	115851	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	97201	27.98	ng		0.00
7) Phenol-d6	6.60	99	123032	28.36	ng		0.00
23) Nitrobenzene-d5	7.52	82	71229	18.49	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	22062	19.26	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	132417	9.59	ng		-0.01
78) Terphenyl-d14	13.08	244	159866	24.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	13139	7.357	ng		97
3) Pyridine	3.61	79	38904	8.032	ng		94
4) n-Nitrosodimethylamine	3.54	42	15194	7.385	ng		81
6) Aniline	6.62	93	29777	5.060	ng	#	86
8) 2-Chlorophenol	6.75	128	32872	8.627	ng		98
9) Benzaldehyde	6.51	77	20617	5.624	ng		98
10) Phenol	6.61	94	47997	9.694	ng		98
11) bis(2-Chloroethyl)ether	6.69	93	34744	8.500	ng		99
12) 1,3-Dichlorobenzene	6.90	146	39774	8.912	ng		98
13) 1,4-Dichlorobenzene	6.98	146	40231	8.917	ng		97
14) 1,2-Dichlorobenzene	7.13	146	38306	9.264	ng		98
15) Benzyl Alcohol	7.10	79	28187	8.091	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	52257	9.744	ng		93
17) 2-Methylphenol	7.22	107	27799	8.525	ng		95
18) Hexachloroethane	7.47	117	5892	3.714	ng	#	89
19) n-Nitroso-di-n-propylamine	7.36	70	24238	8.476	ng		95
20) 3+4-Methylphenols	7.37	107	36493	7.916	ng		90
22) Acetophenone	7.37	105	50253	10.489	ng	#	98
24) Nitrobenzene	7.54	77	34910	8.874	ng		99
25) Isophorone	7.78	82	62933	9.269	ng		99
26) 2-Nitrophenol	7.86	139	7007	3.773	ng		96
27) 2,4-Dimethylphenol	7.90	122	27964	9.742	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	40845	8.959	ng		98
29) 2,4-Dichlorophenol	8.11	162	25961	8.639	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	31210	9.427	ng		96
31) Naphthalene	8.27	128	102973	10.285	ng		99
32) Benzoic acid	7.90	122	27964	17.525	ng	#	14
33) 4-Chloroaniline	8.31	127	25523	6.076	ng		98
34) Hexachlorobutadiene	8.38	225	20559	9.531	ng		99
35) Caprolactam	8.65	113	7050	7.197	ng		93
36) 4-Chloro-3-methylphenol	8.80	107	25383	8.025	ng		96
37) 2-Methylnaphthalene	8.96	142	70063	10.558	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	32863	9.874	ng	#	95
42) 2,4,6-Trichlorophenol	9.24	196	10939	4.945	ng		91

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Data File : BF106684.D
Acq On : 22 Jun 2018 1:48
Operator : JU/SJ
Sample : J3523-03MSD 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA1(S)MSD

Quant Time: Jun 22 03:26:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	15631	6.771	ng	#	88
45) 1,1'-Biphenyl	9.42	154	77661	9.861	ng		96
46) 2-Chloronaphthalene	9.45	162	53852	8.687	ng		93
47) 2-Nitroaniline	9.54	65	18278	8.768	ng		86
48) Acenaphthylene	9.87	152	87238	8.913	ng		100
49) Dimethylphthalate	9.71	163	86665	11.693	ng		97
50) 2,6-Dinitrotoluene	9.78	165	9460	6.027	ng		97
51) Acenaphthene	10.04	154	58718	9.527	ng		97
52) 3-Nitroaniline	9.95	138	15519	8.593	ng		94
54) Dibenzofuran	10.21	168	87555	10.374	ng		94
55) 4-Nitrophenol	10.15	139	1995	1.582	ng		95
56) 2,4-Dinitrotoluene	10.19	165	10245	5.001	ng	#	87
57) Fluorene	10.55	166	72638	10.846	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	4140	2.256	ng	#	66
59) Diethylphthalate	10.41	149	59295	8.289	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	30887	8.815	ng	#	84
61) 4-Nitroaniline	10.57	138	17472	9.748	ng		97
62) Azobenzene	10.70	77	54735	7.770	ng		92
64) 4,6-Dinitro-2-methylphenol	10.33	198	126	0.106	ng	#	23
65) n-Nitrosodiphenylamine	10.65	169	54915	8.467	ng		95
66) 4-Bromophenyl-phenylether	11.03	248	20398	8.864	ng	#	83
67) Hexachlorobenzene	11.10	284	20893	8.674	ng	#	87
68) Atrazine	11.18	200	18021	8.740	ng		94
69) Pentachlorophenol	11.30	266	849	0.706	ng		95
70) Phenanthrene	11.52	178	195521	21.023	ng		99
71) Anthracene	11.57	178	122234	12.876	ng		99
72) Carbazole	11.73	167	93572	10.528	ng		97
73) Di-n-butylphthalate	12.04	149	95781	9.148	ng		99
74) Fluoranthene	12.71	202	221887	21.645	ng		96
76) Benzidine	12.84	184	23534	5.325	ng		99
77) Pyrene	12.95	202	208549	20.380	ng		99
79) Butylbenzylphthalate	13.55	149	42036	9.991	ng	#	94
80) Benzo(a)anthracene	14.14	228	125857	13.307	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	23375	7.032	ng	#	93
82) Chrysene	14.17	228	116215	13.356	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	66335	12.332	ng		98
84) Di-n-octyl phthalate	14.73	149	86003	9.809	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.25	276	72819	9.862	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	96638	13.428	ng		96
88) Benzo(k)fluoranthene	15.25	252	70240	10.249	ng		98
89) Benzo(a)pyrene	15.62	252	79084	12.361	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	50892	9.386	ng		96
91) Benzo(g,h,i)perylene	17.74	276	62215	11.740	ng	#	90

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

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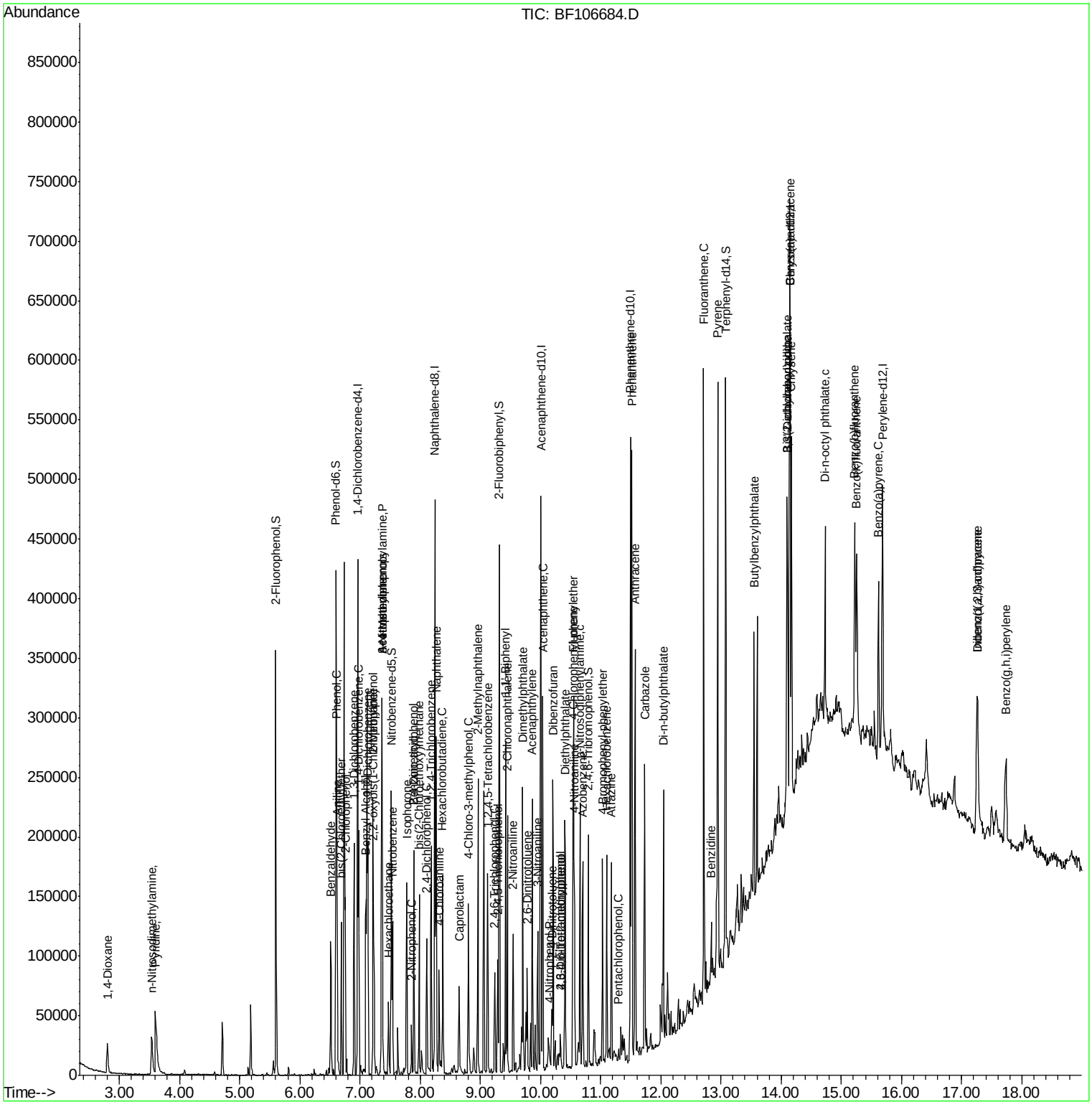
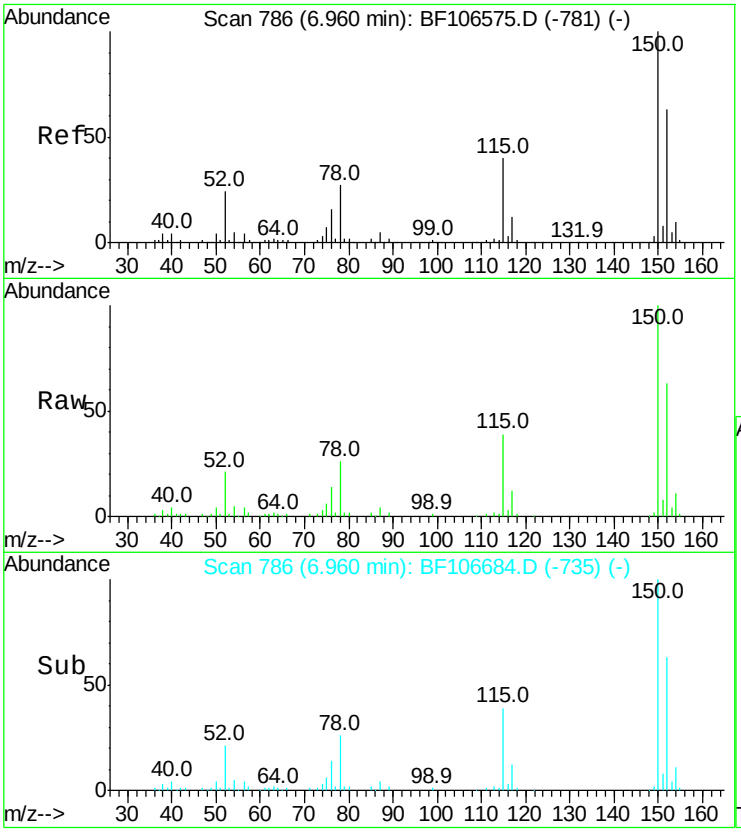
Data File : BF106684.D
Acq On : 22 Jun 2018 1:48
Operator : JU/SJ
Sample : J3523-03MSD 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Quant Time: Jun 22 03:26:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration



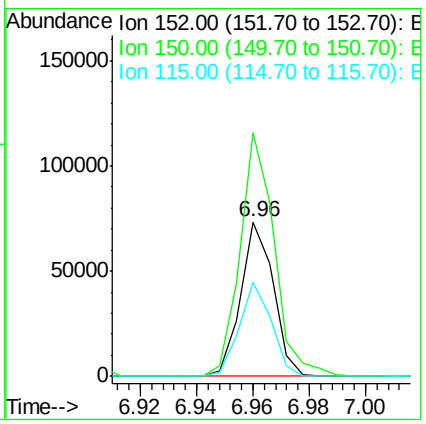


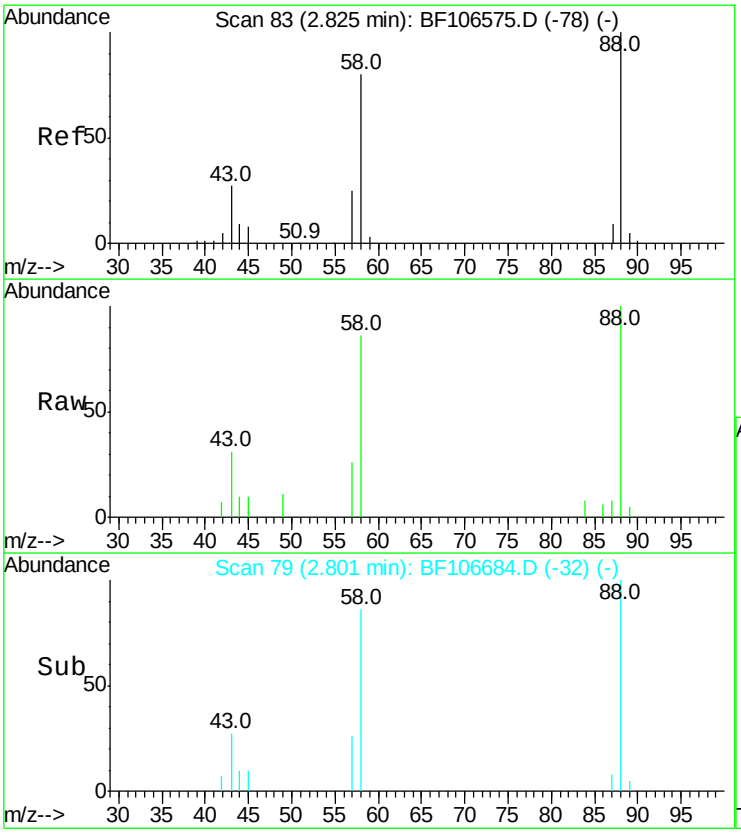
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:152 Resp: 58826

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	61.2	50.1	75.1

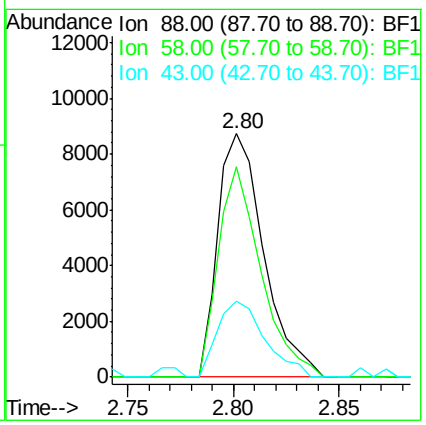


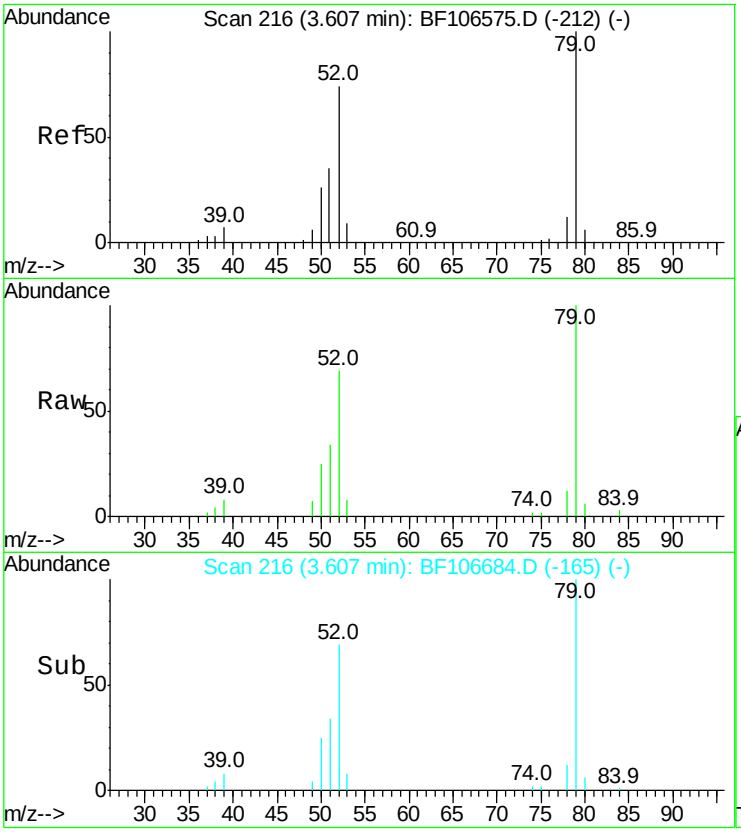


#2
1,4-Dioxane
Concen: 7.357 ng
RT: 2.80 min Scan# 79
Delta R.T. -0.02 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion: 88 Resp: 13139

Ion	Ratio	Lower	Upper
88	100		
58	80.2	62.6	93.8
43	32.4	24.6	37.0



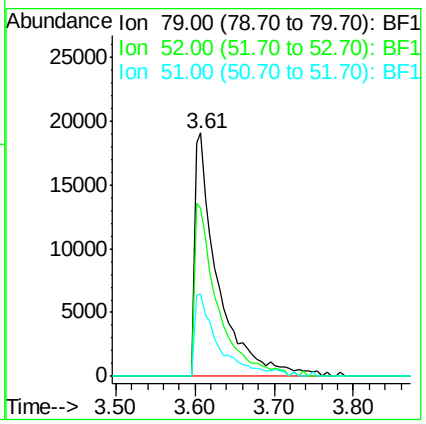


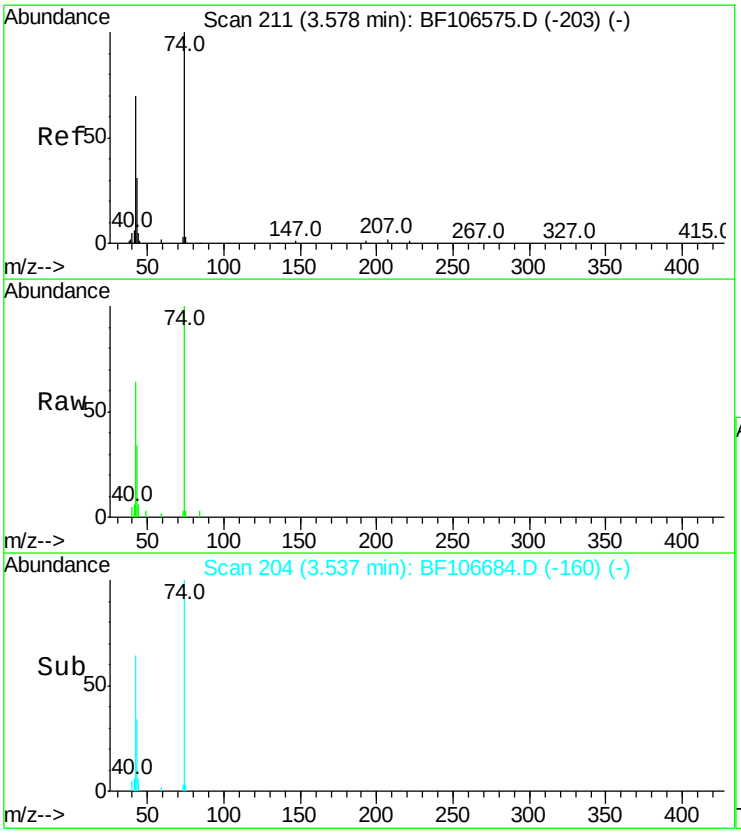
#3
Pyridine
Concen: 8.032 ng
RT: 3.61 min Scan# 216
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion: 79 Resp: 38904

Ion	Ratio	Lower	Upper
79	100		
52	69.3	59.8	89.6
51	34.0	29.8	44.8

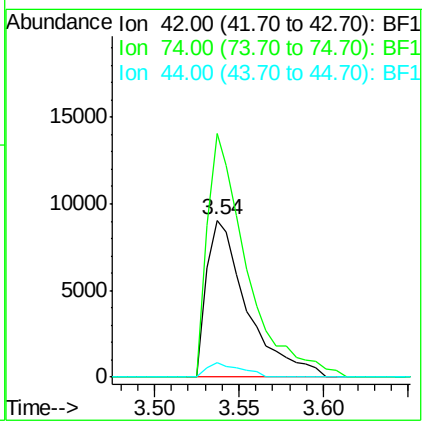


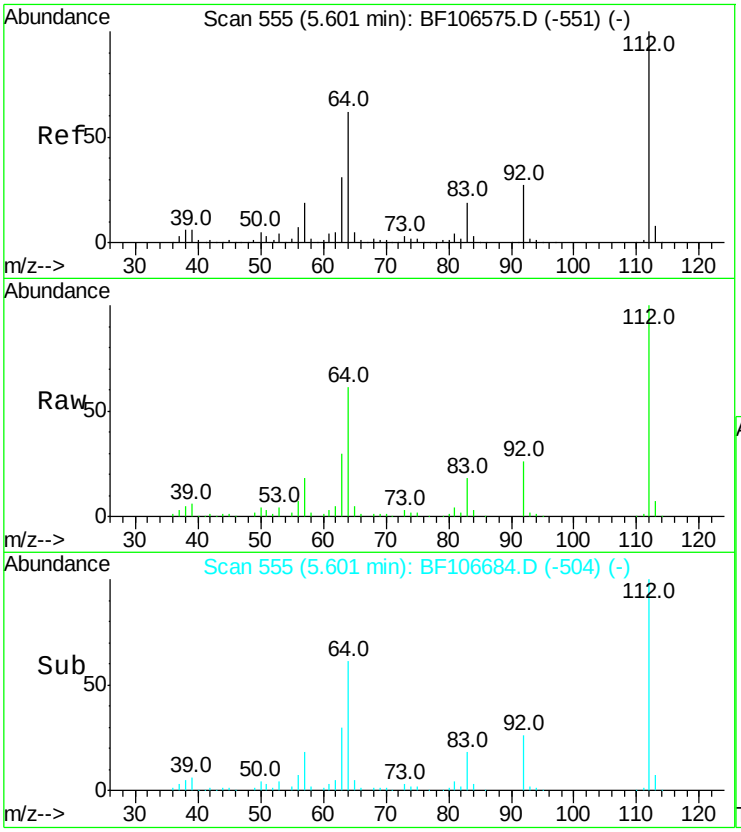


#4
n-Nitrosodimethylamine
Concen: 7.385 ng
RT: 3.54 min Scan# 204
Delta R.T. -0.04 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion: 42 Resp: 15194

Ion	Ratio	Lower	Upper
42	100		
74	155.1	104.9	157.3
44	9.1	6.9	10.3



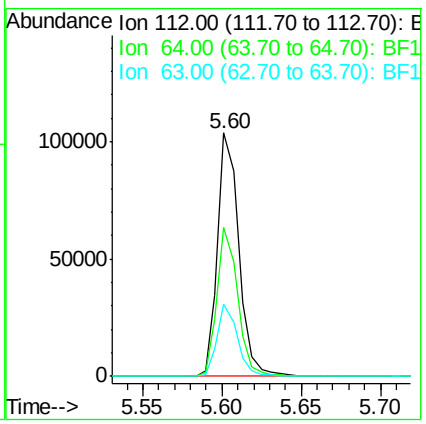


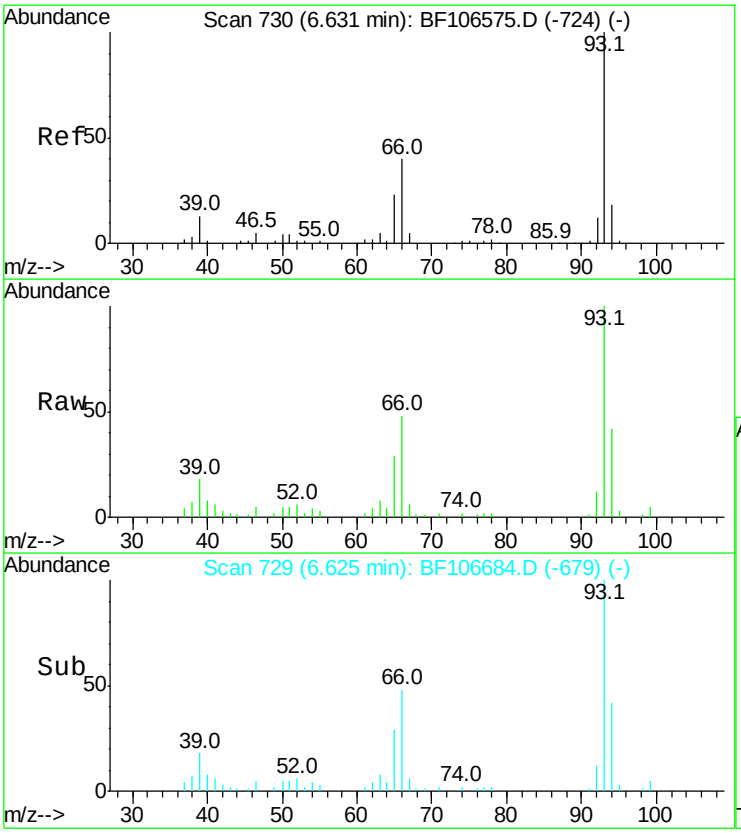
#5
2-Fluorophenol
Concen: 27.979 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:112 Resp: 97201

Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.9	71.9
63	29.7	23.7	35.5

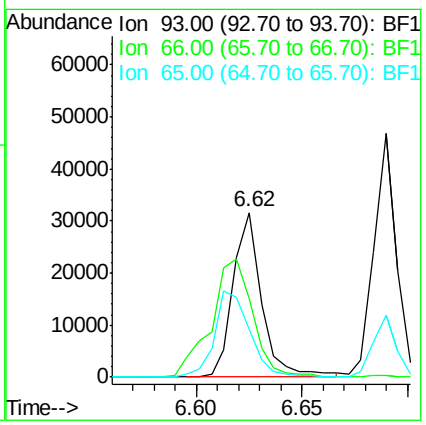


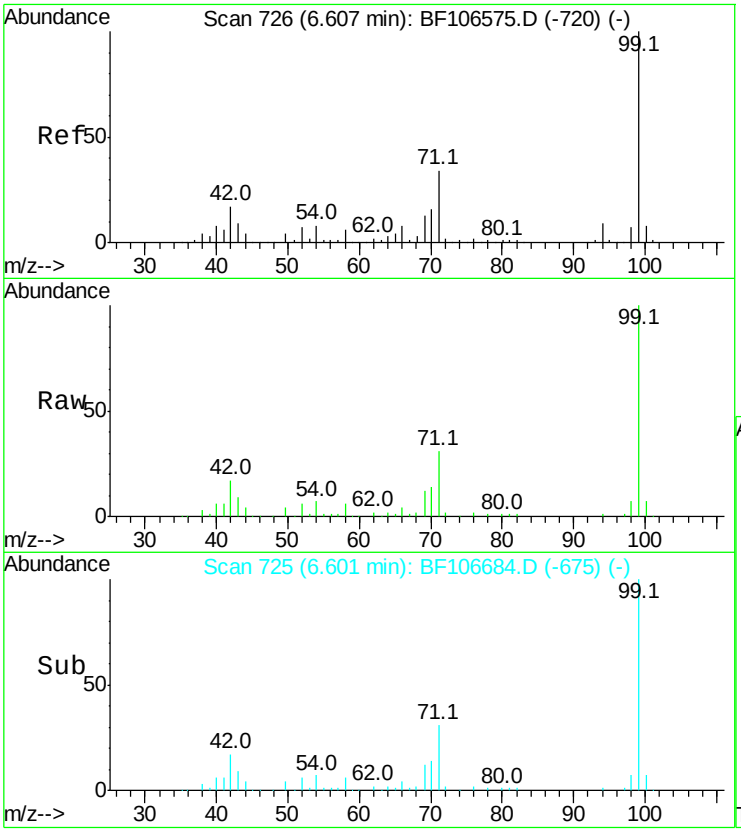


#6
Aniline
Concen: 5.060 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion: 93 Resp: 29777

Ion	Ratio	Lower	Upper
93	100		
66	47.8	32.2	48.2
65	28.8	16.4	24.6#



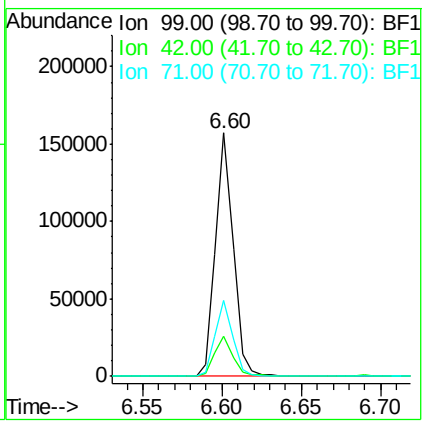


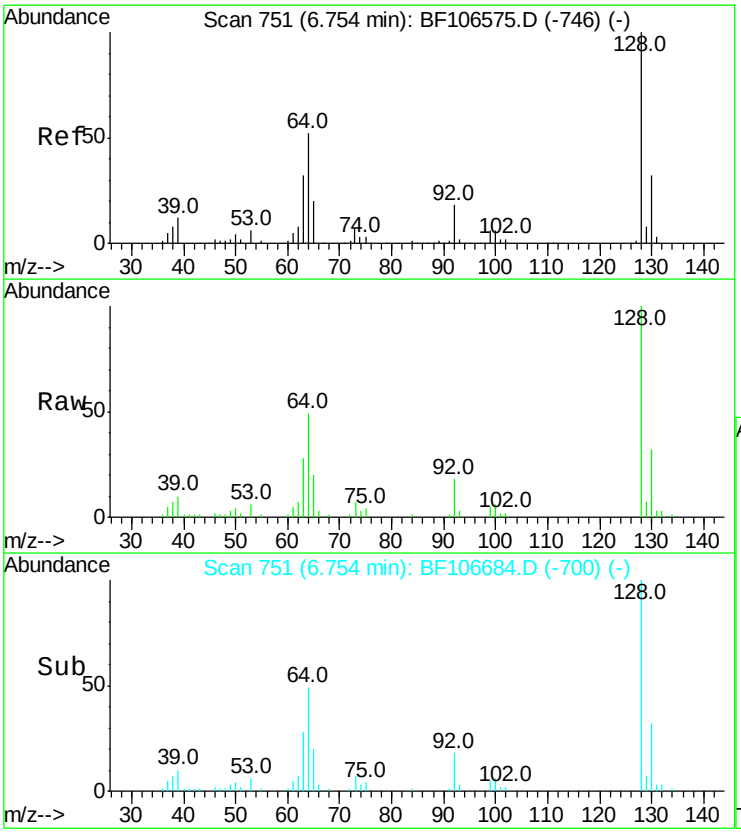
#7
Phenol-d6
Concen: 28.359 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion: 99 Resp: 123032

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	30.9	25.4	38.0

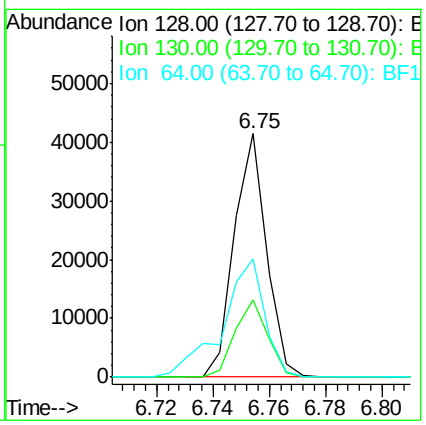


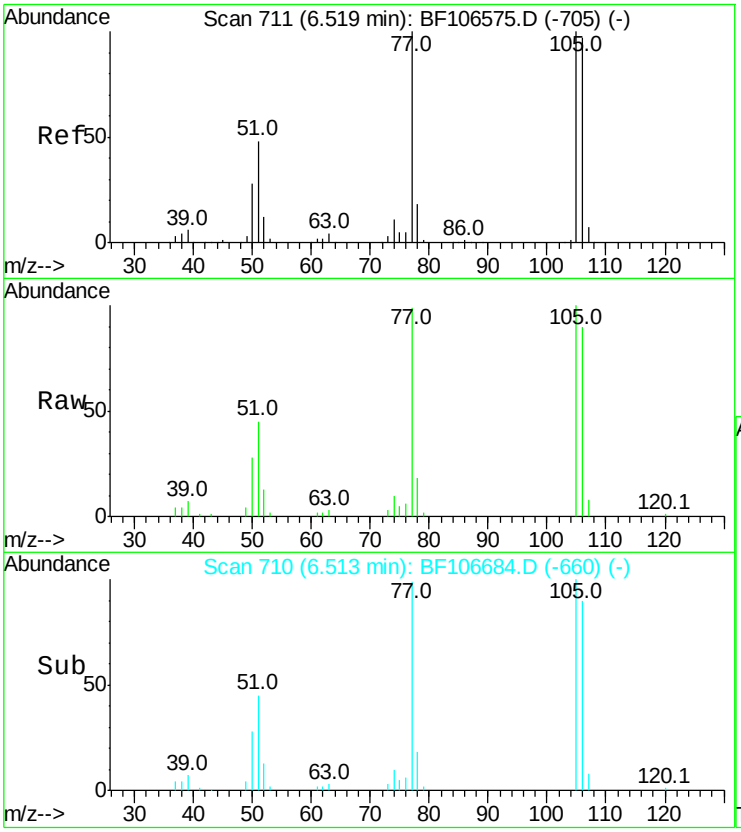


#8
2-Chlorophenol
Concen: 8.627 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:128 Resp: 32872

Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.0	53.0
64	48.6	29.4	69.4



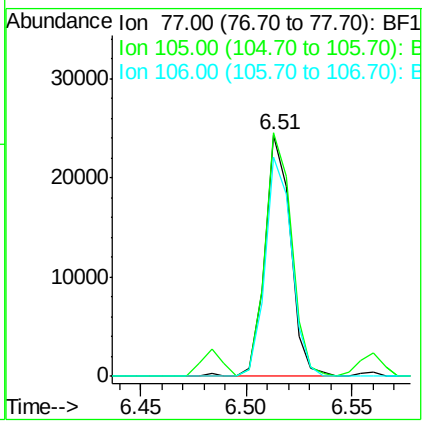


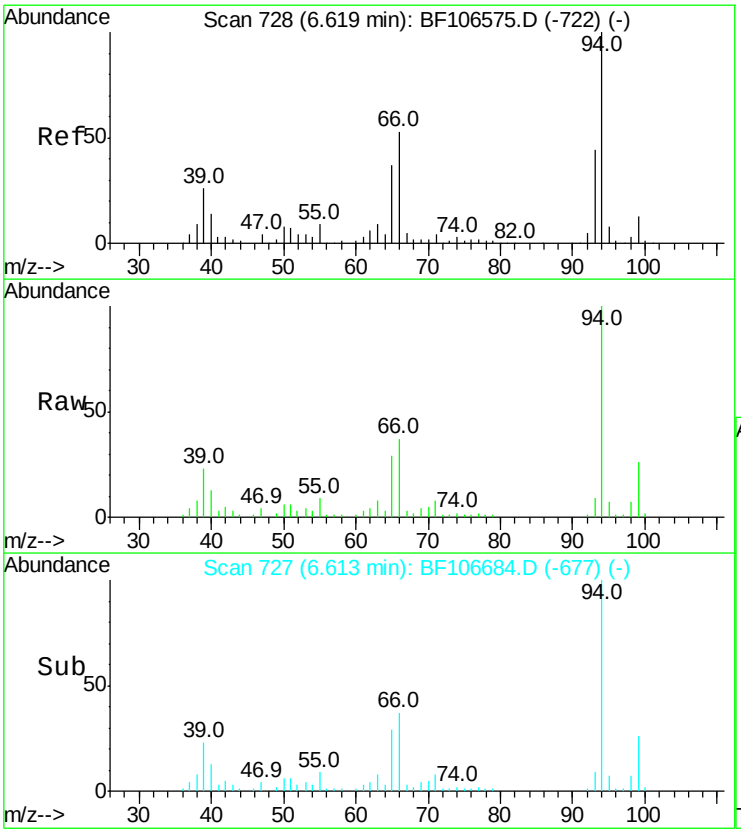
#9
Benzaldehyde
Concen: 5.624 ng
RT: 6.51 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion: 77 Resp: 20617

Ion	Ratio	Lower	Upper
77	100		
105	100.8	81.1	121.1
106	90.9	74.5	114.5

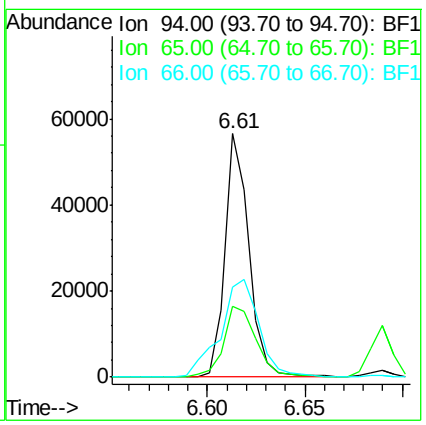


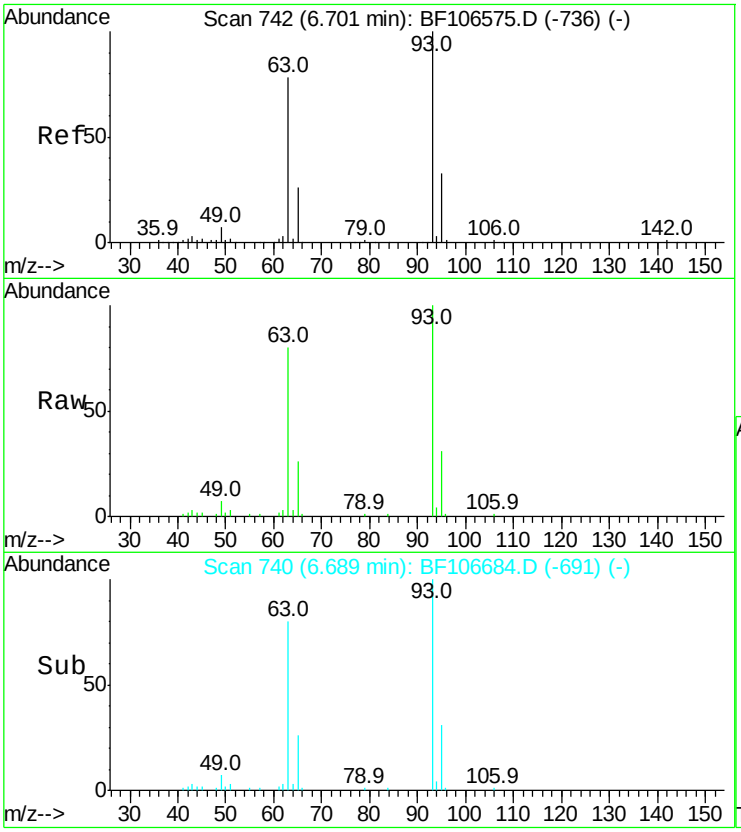


#10
Phenol
Concen: 9.694 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion: 94 Resp: 47997

Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.9	47.9
66	37.1	16.2	56.2



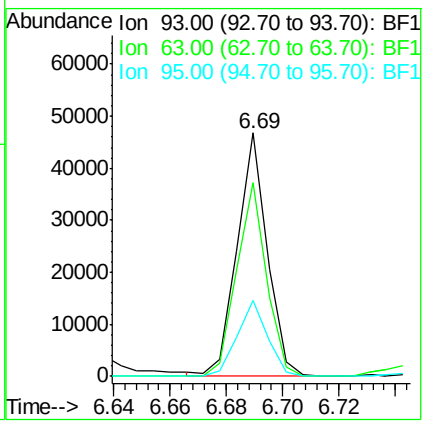


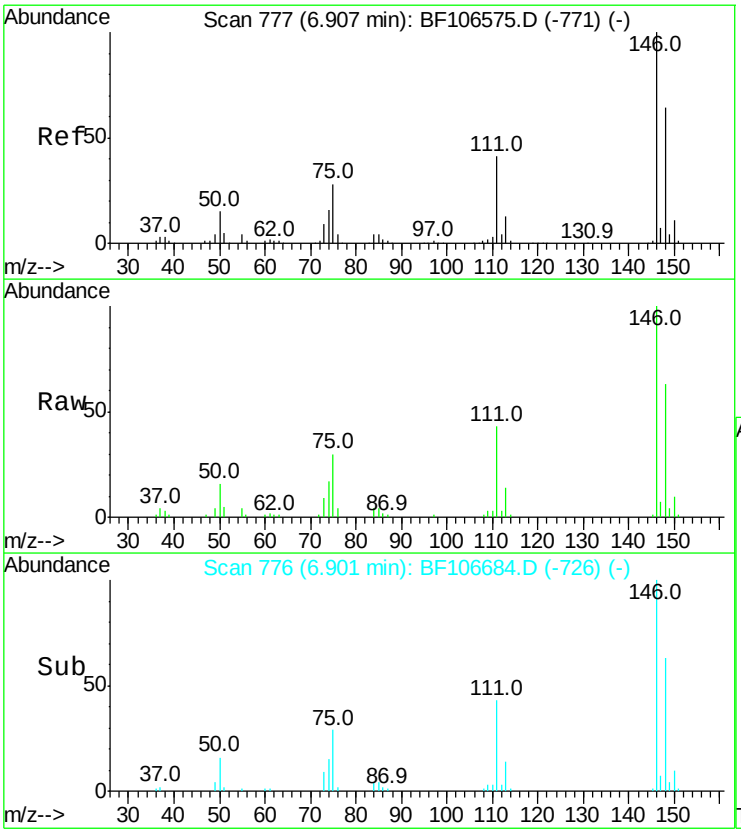
#11
bis(2-Chloroethyl)ether
Concen: 8.500 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion: 93 Resp: 34744

Ion	Ratio	Lower	Upper
93	100		
63	79.8	58.6	98.6
95	31.1	11.8	51.8

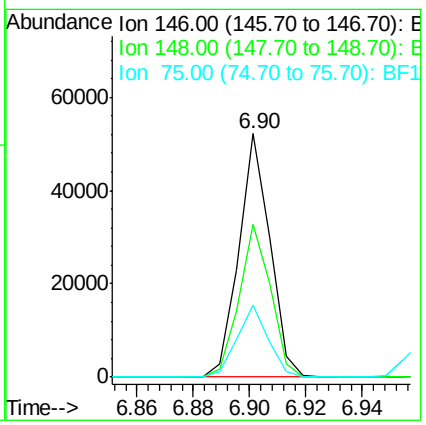


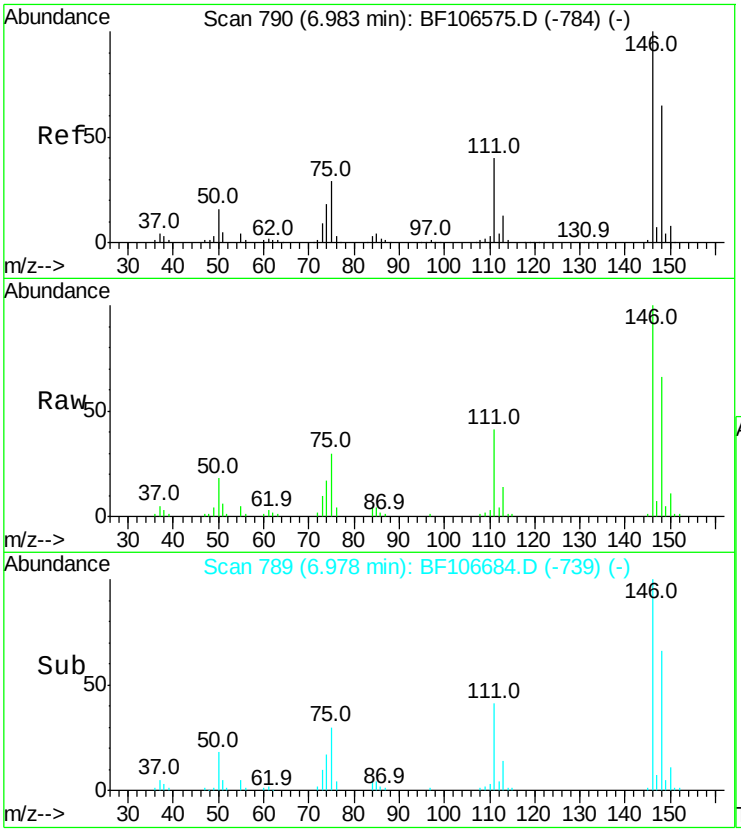


#12
1,3-Dichlorobenzene
Concen: 8.912 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:146 Resp: 39774

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.8	77.8
75	29.7	24.2	36.4



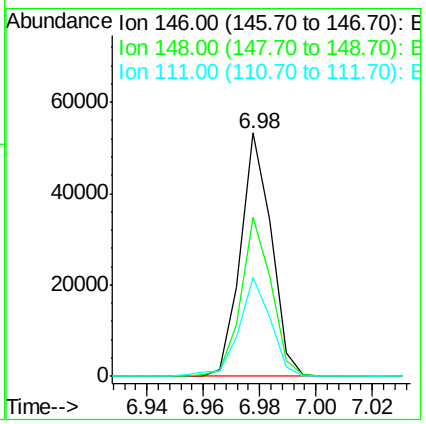


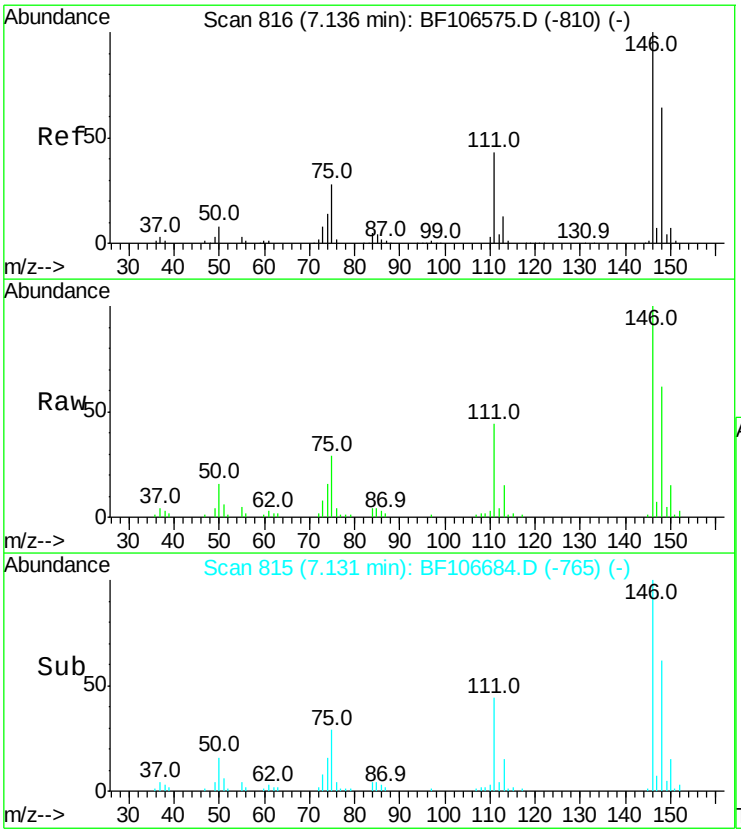
#13
1,4-Dichlorobenzene
Concen: 8.917 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:146 Resp: 40231

Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.8	76.2
111	40.5	34.2	51.2

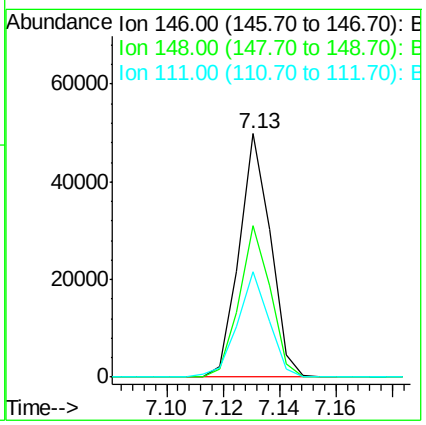


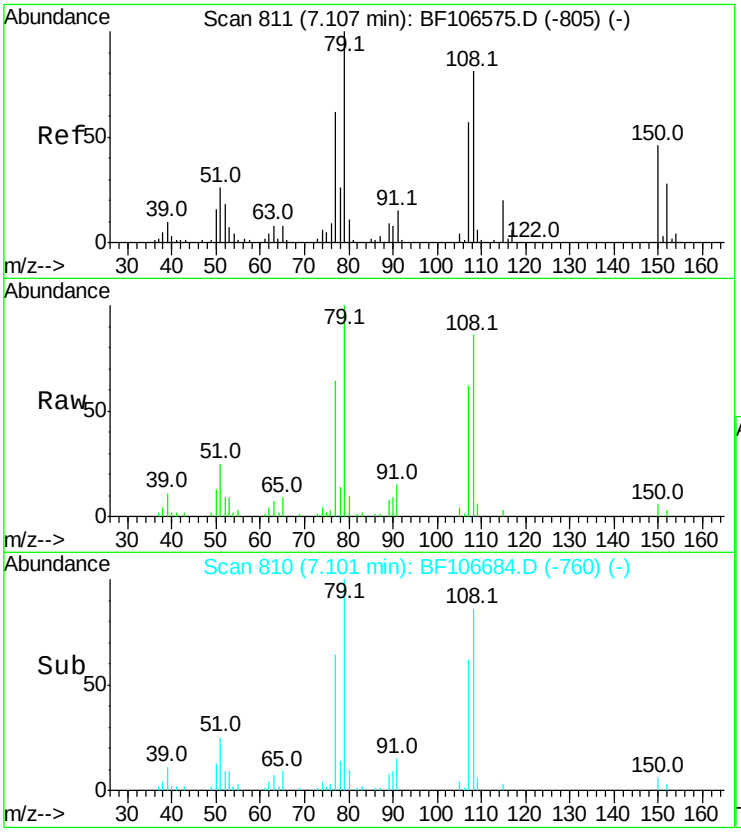


#14
1,2-Dichlorobenzene
Concen: 9.264 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:146 Resp: 38306

Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.6	75.8
111	43.5	36.0	54.0



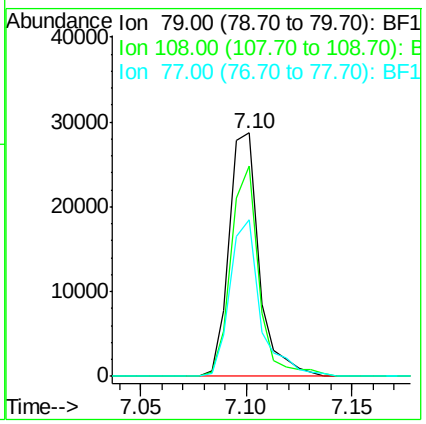


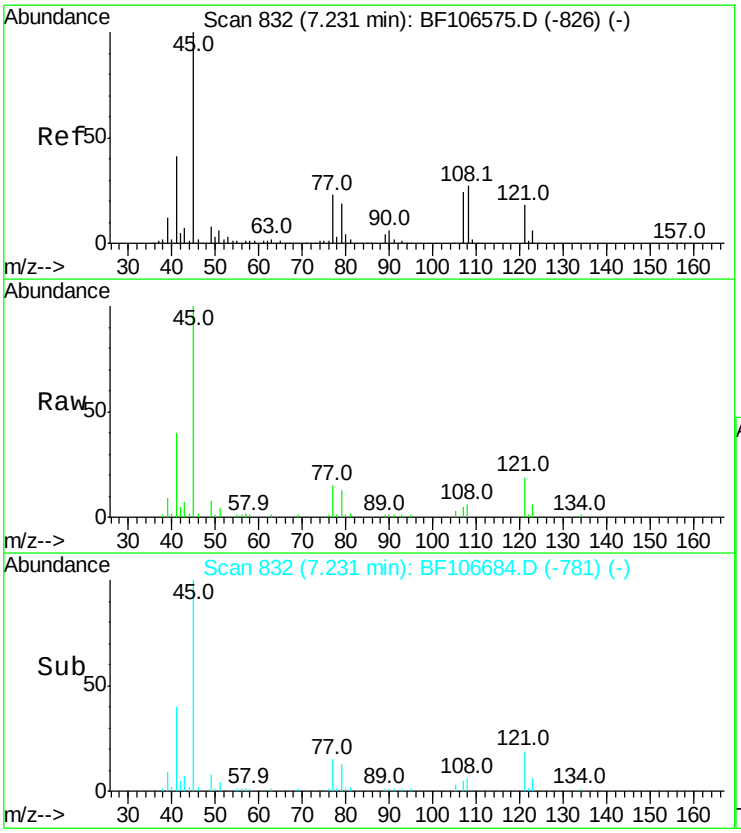
#15
Benzyl Alcohol
Concen: 8.091 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion: 79 Resp: 28187

Ion	Ratio	Lower	Upper
79	100		
108	86.2	65.1	97.7
77	64.1	50.6	75.8

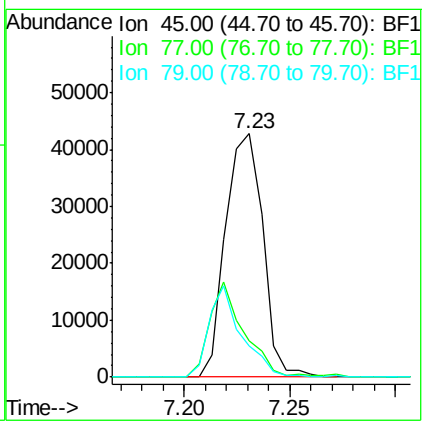


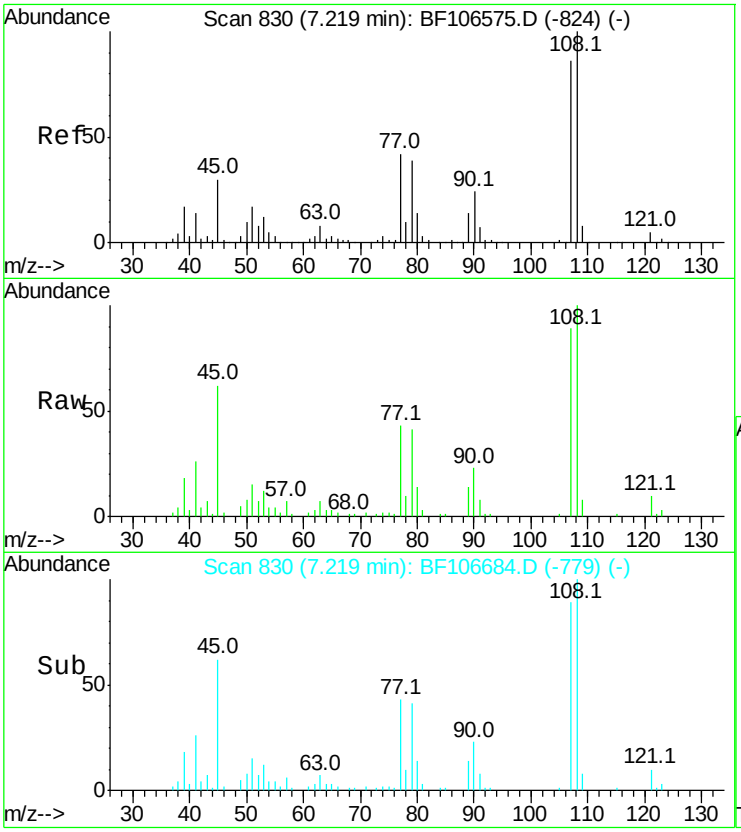


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.744 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion: 45 Resp: 52257

Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	32.9
79	12.9	0.0	29.6



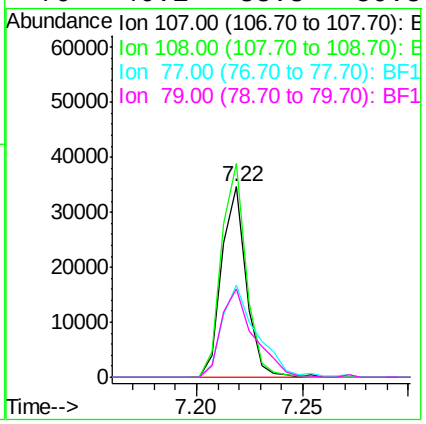


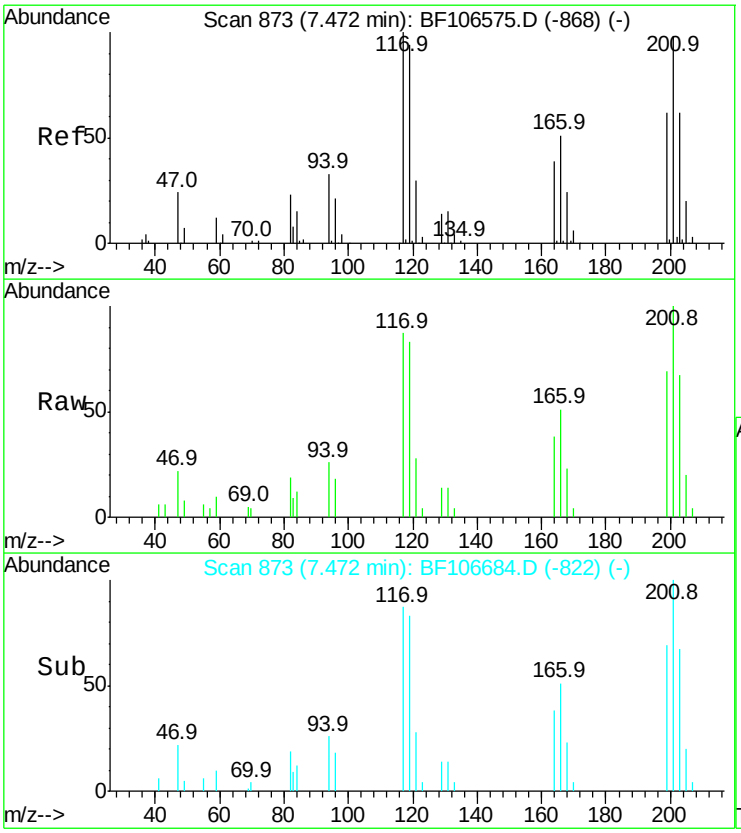
#17
2-Methylphenol
Concen: 8.525 ng
RT: 7.22 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:107 Resp: 27799

Ion	Ratio	Lower	Upper
107	100		
108	112.0	91.7	137.5
77	48.2	33.8	50.8
79	46.1	33.8	50.8

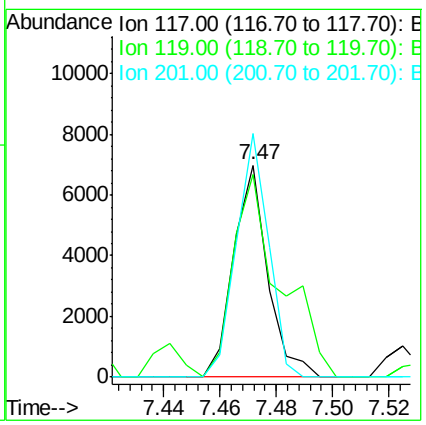


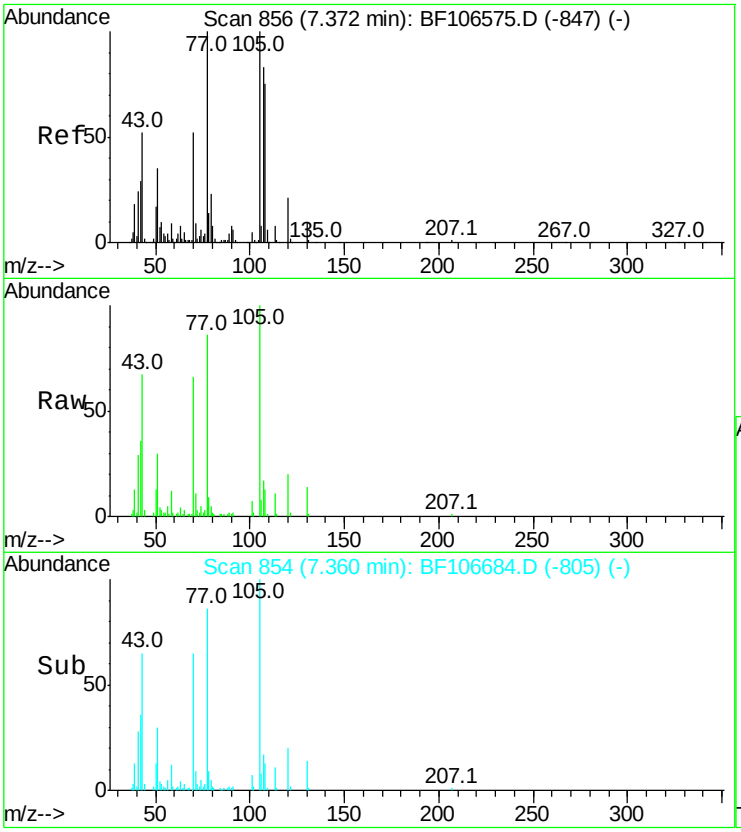


#18
Hexachloroethane
Concen: 3.714 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:117 Resp: 5892

Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	115.0	75.7	113.5#



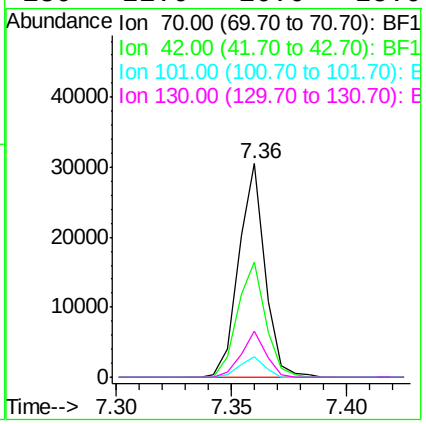


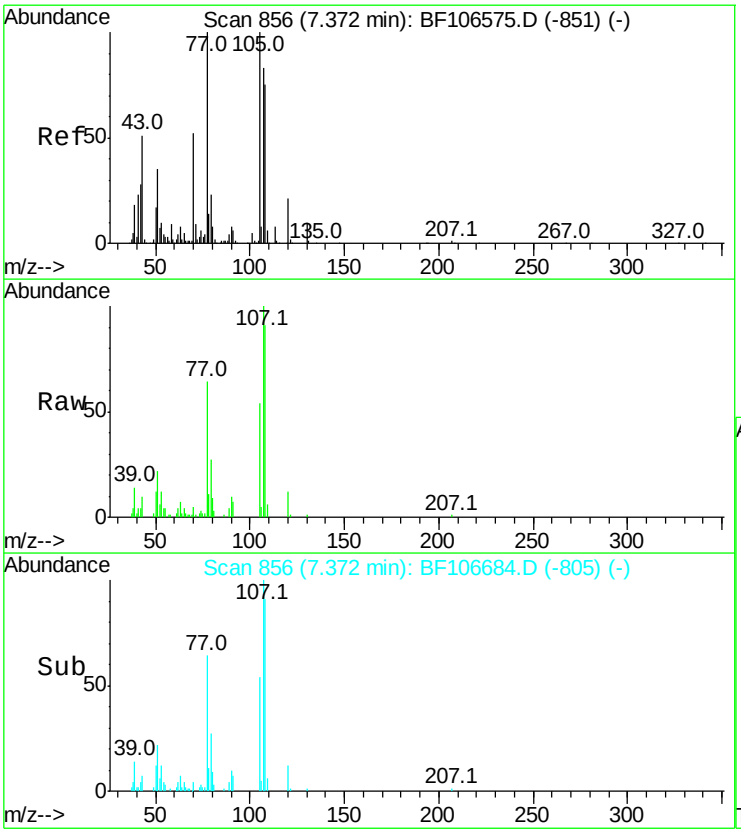
#19
n-Nitroso-di-n-propylamine
Concen: 8.476 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion: 70 Resp: 24238

Ion	Ratio	Lower	Upper
70	100		
42	54.1	47.5	71.3
101	9.9	7.4	11.2
130	21.6	16.6	25.0

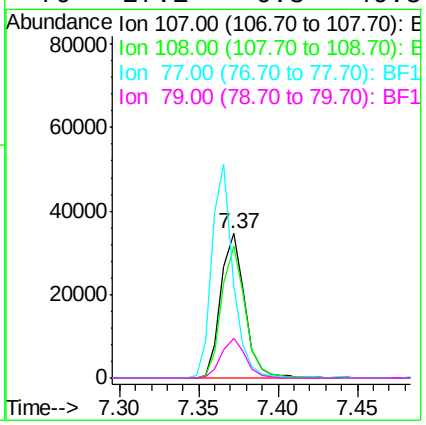


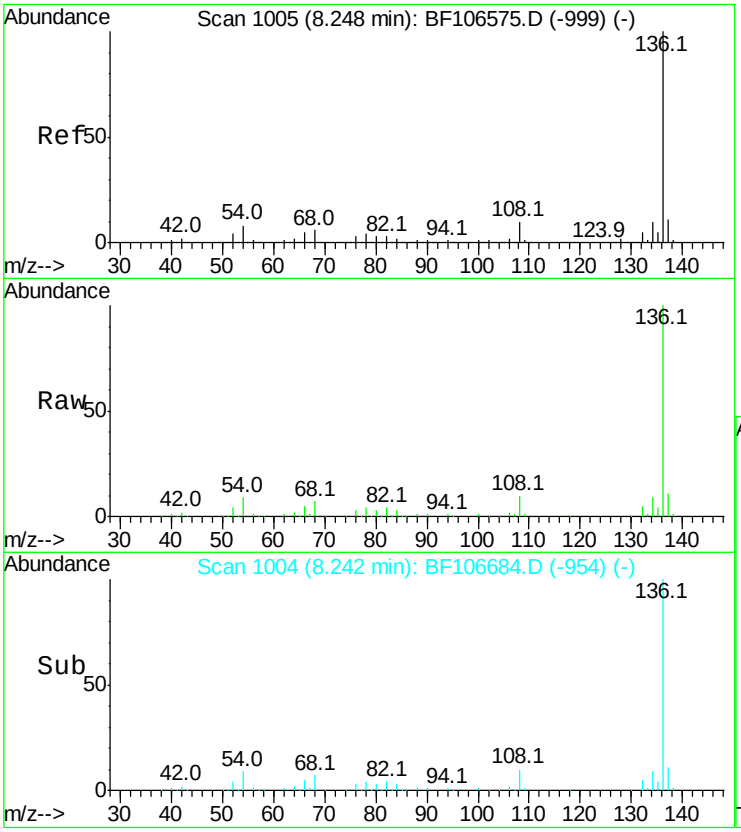


#20
3+4-Methylphenols
Concen: 7.916 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:107 Resp: 36493

Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.2	108.2
77	63.9	26.7	66.7
79	27.1	6.3	46.3



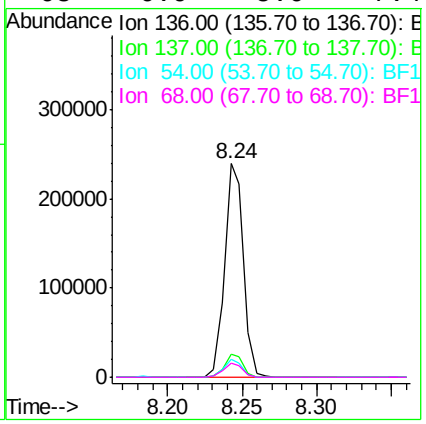


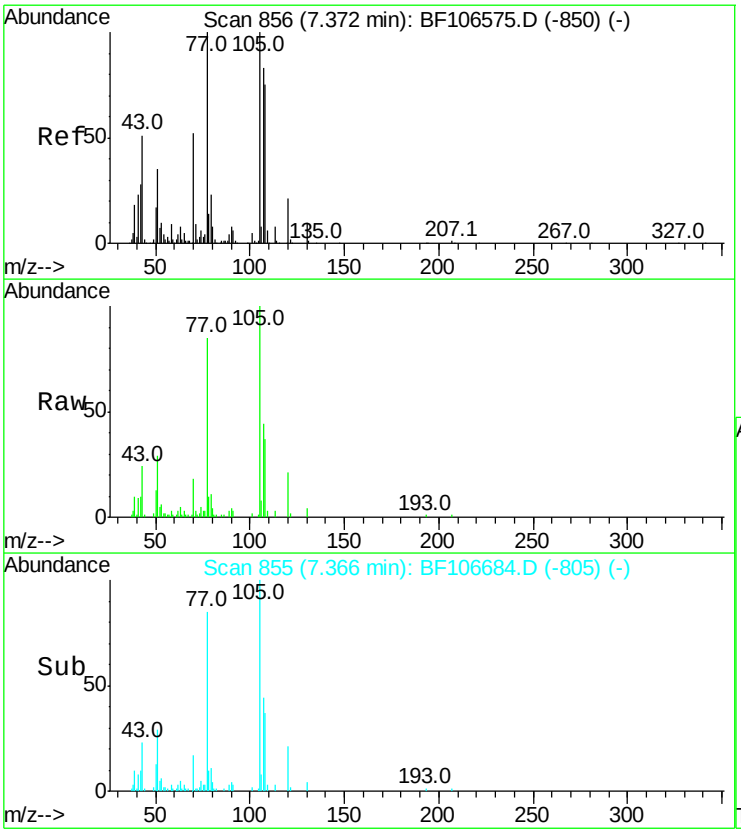
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:136 Resp: 214138

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.6	6.6	9.8
68	6.9	5.0	7.4

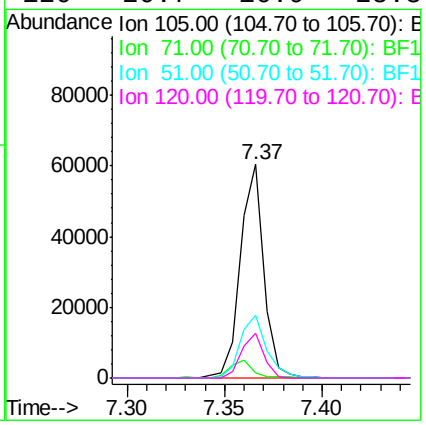


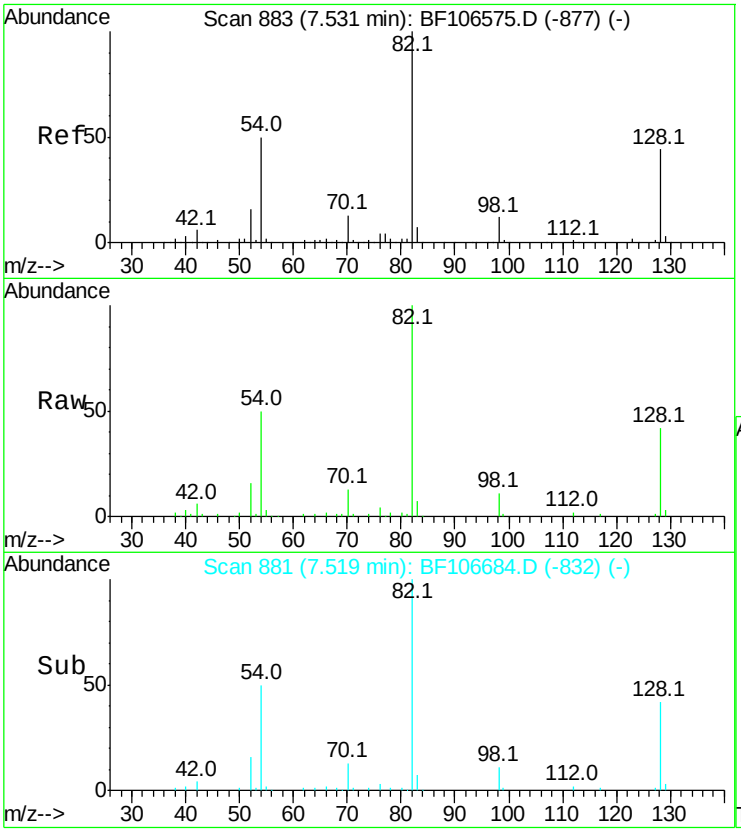


#22
Acetophenone
Concen: 10.489 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:105 Resp: 50253

Ion	Ratio	Lower	Upper
105	100		
71	2.6	4.4	6.6#
51	29.2	22.3	33.5
120	20.7	16.9	25.3



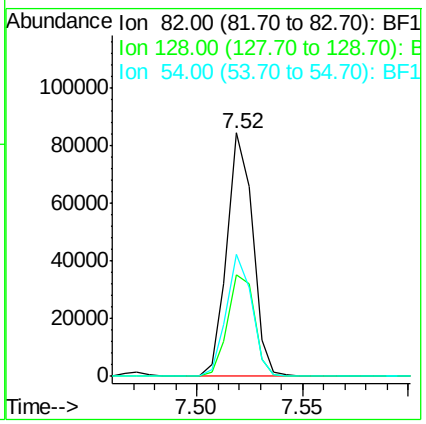


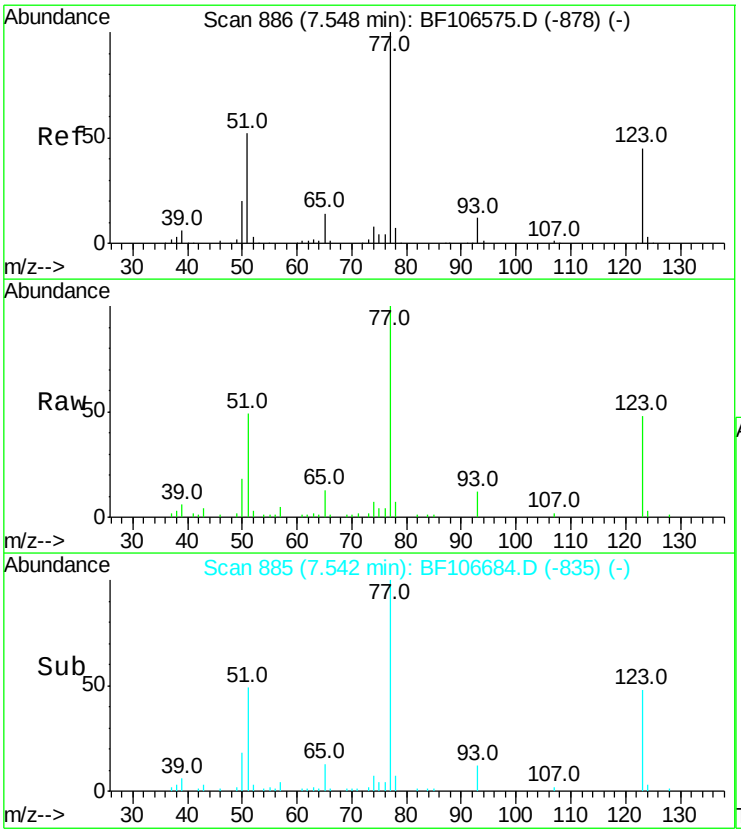
#23
Nitrobenzene-d5
Concen: 18.485 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion: 82 Resp: 71229

Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	50.0	41.4	62.2

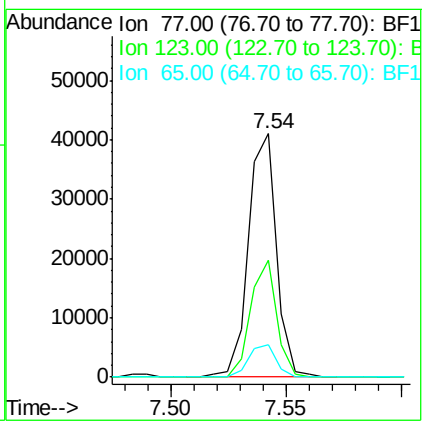


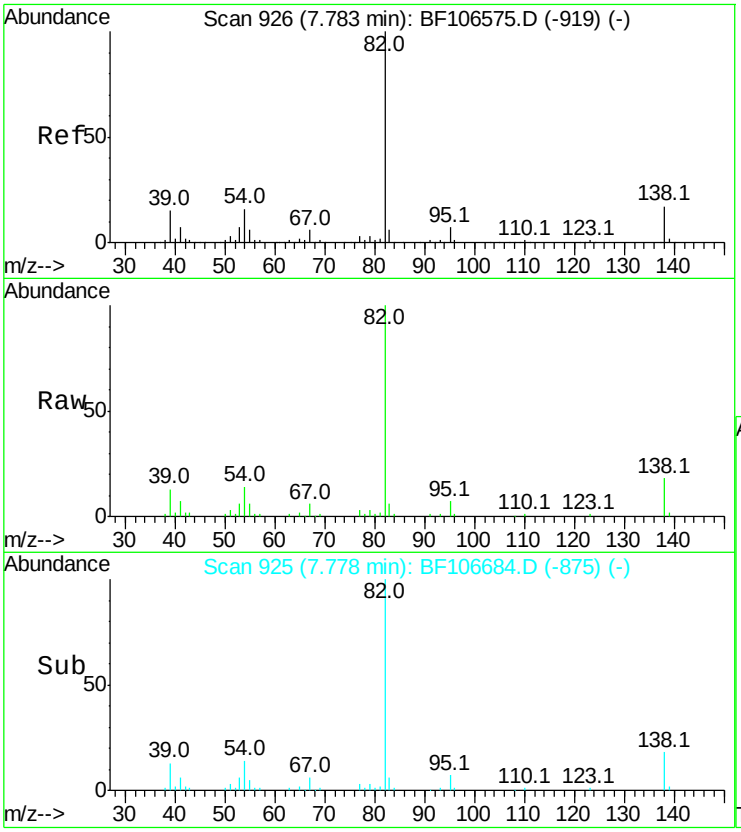


#24
Nitrobenzene
Concen: 8.874 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion: 77 Resp: 34910

Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.9	56.9
65	13.3	11.0	16.4



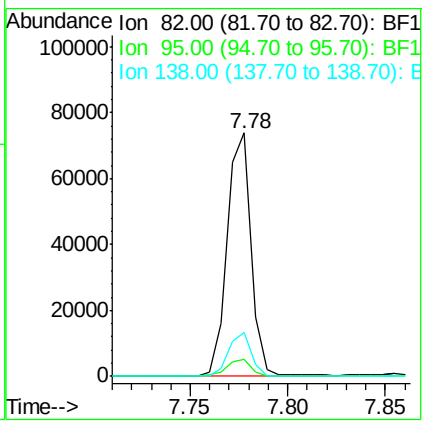


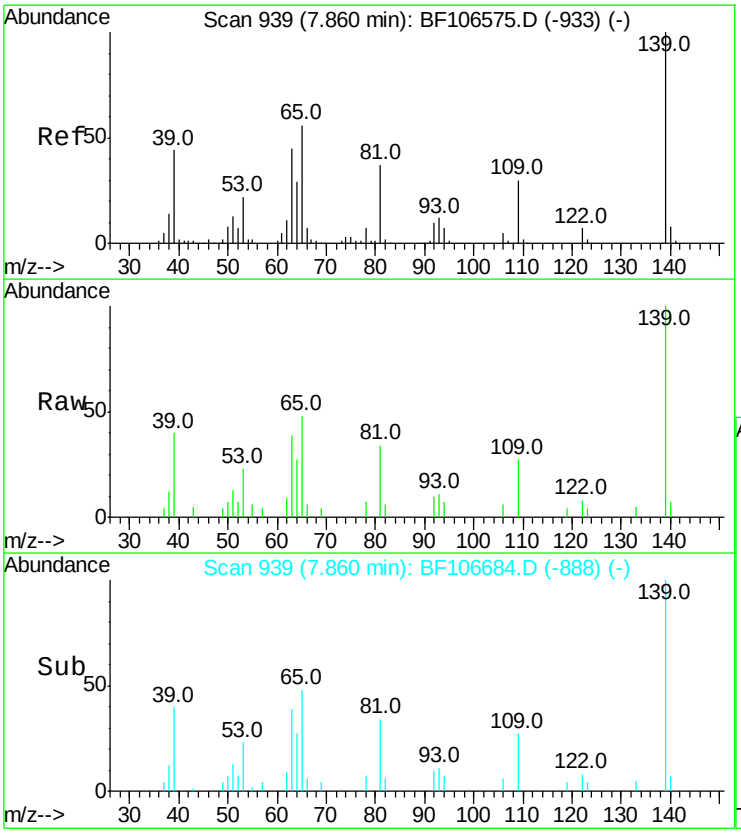
#25
Isophorone
Concen: 9.269 ng
RT: 7.78 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion: 82 Resp: 62933

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.2	7.8
138	18.0	14.9	22.3

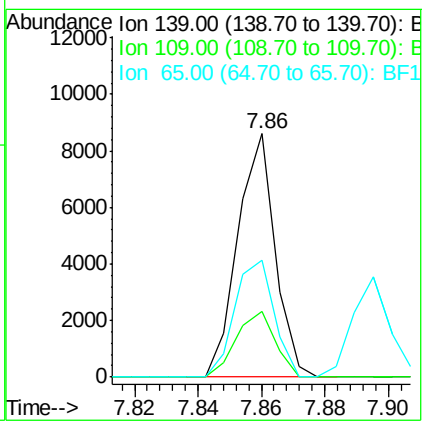


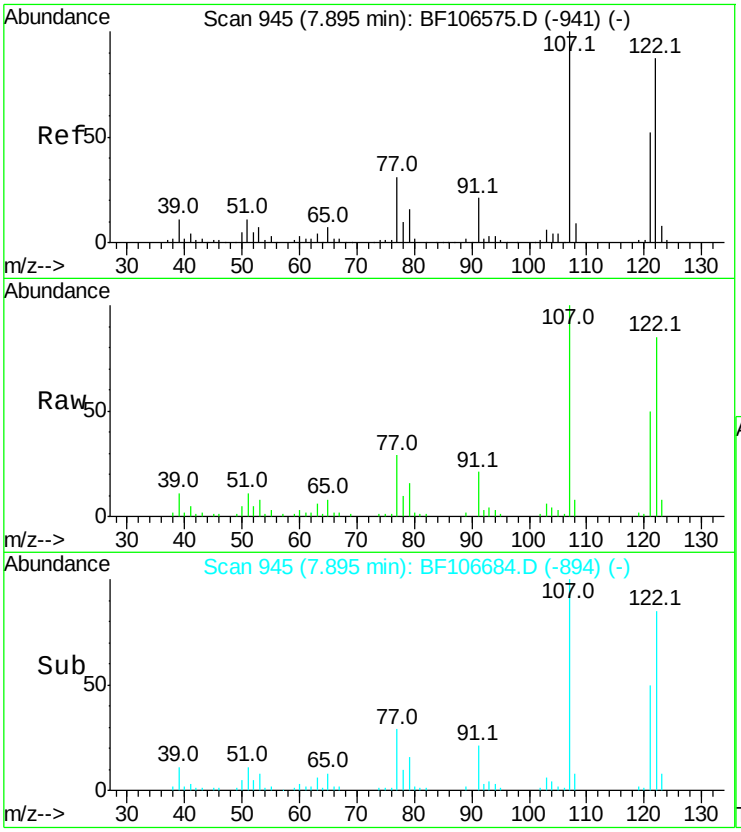


#26
2-Nitrophenol
Concen: 3.773 ng
RT: 7.86 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:139 Resp: 7007

Ion	Ratio	Lower	Upper
139	100		
109	26.9	22.7	34.1
65	47.9	40.5	60.7



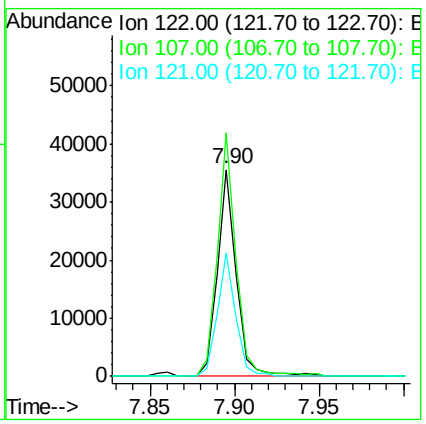


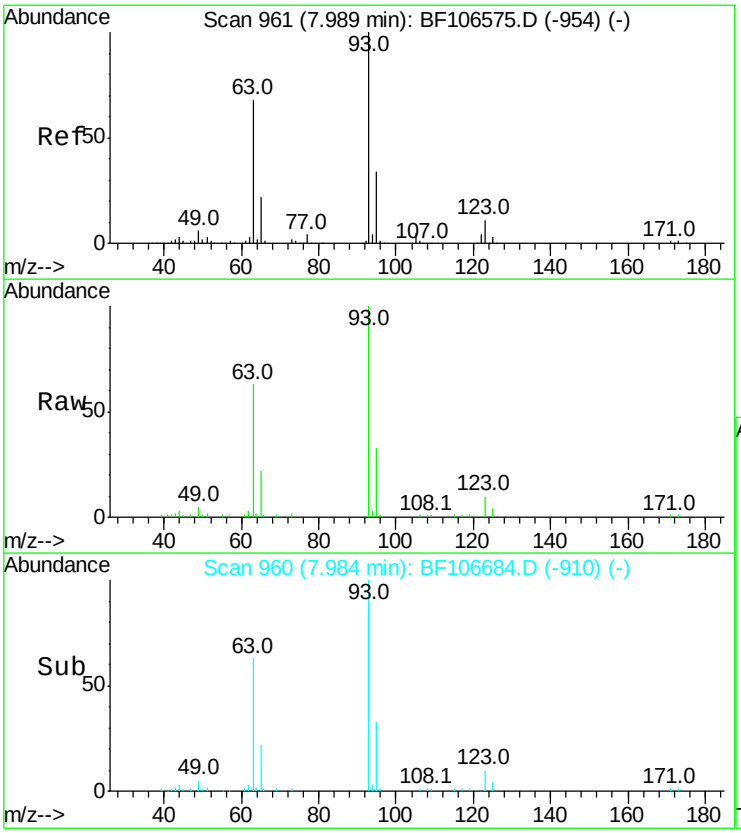
#27
2,4-Dimethylphenol
Concen: 9.742 ng
RT: 7.90 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:122 Resp: 27964

Ion	Ratio	Lower	Upper
122	100		
107	117.7	91.2	136.8
121	59.3	47.2	70.8

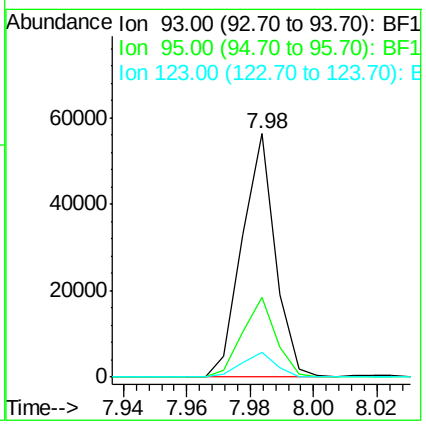


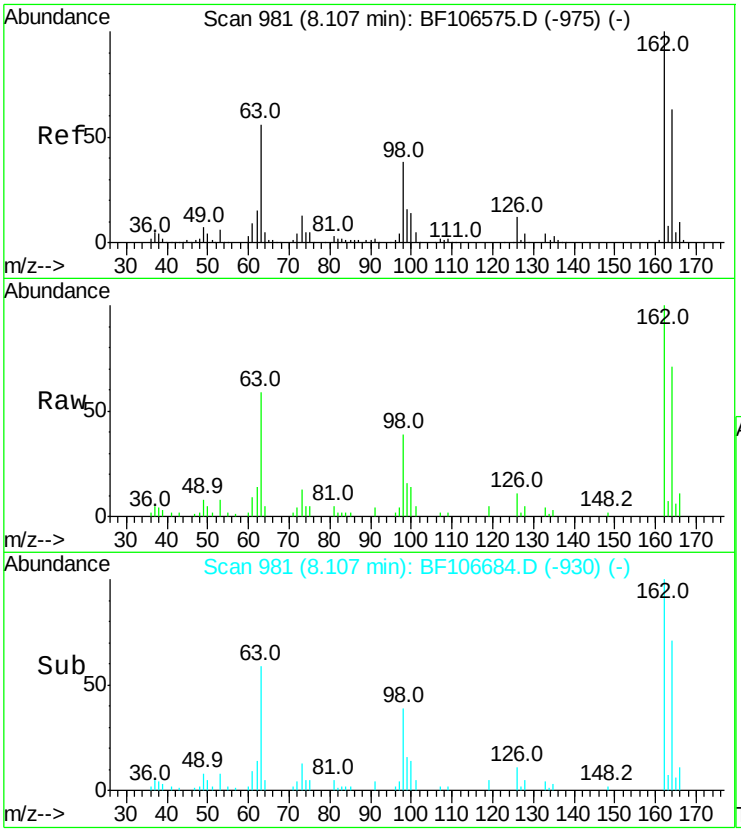


#28
bis(2-Chloroethoxy)methane
Concen: 8.959 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion: 93 Resp: 40845

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	10.4	9.8	14.6



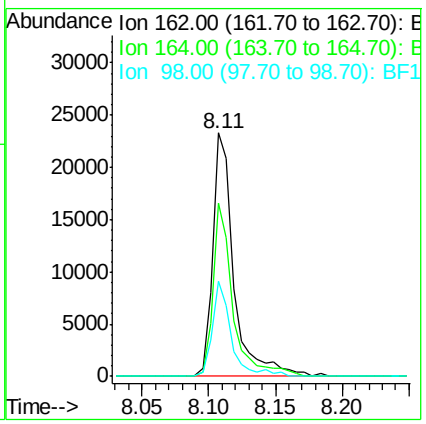


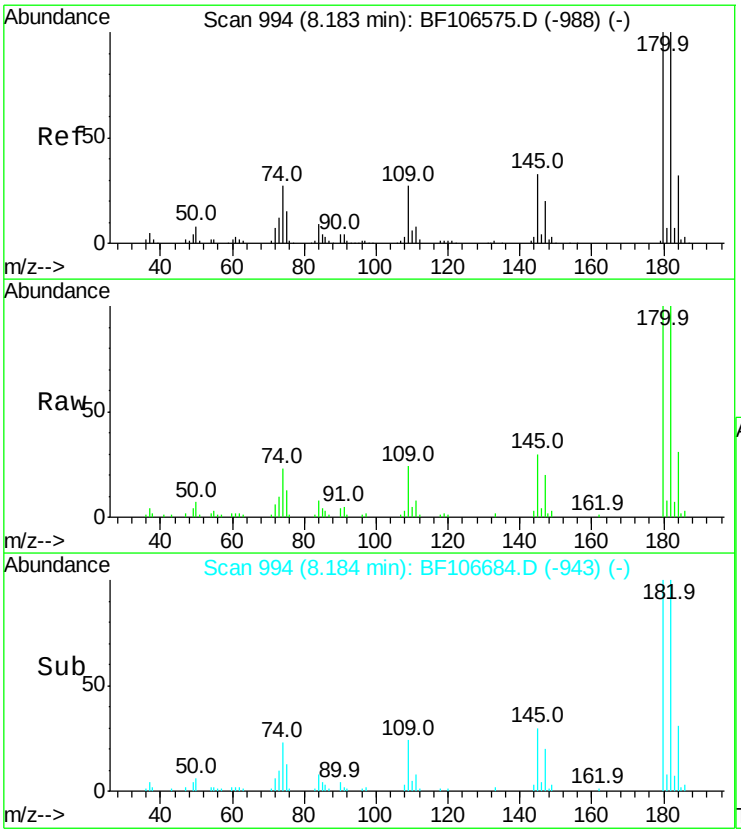
#29
2,4-Dichlorophenol
Concen: 8.639 ng
RT: 8.11 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:162 Resp: 25961

Ion	Ratio	Lower	Upper
162	100		
164	71.3	42.7	82.7
98	39.0	18.1	58.1

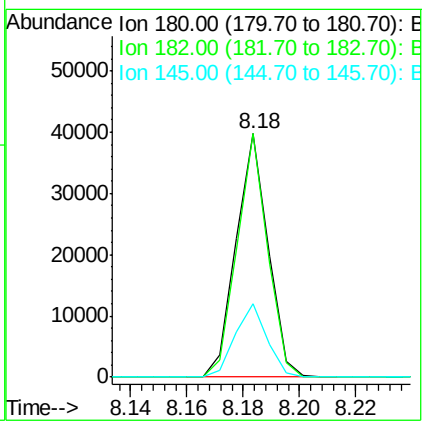


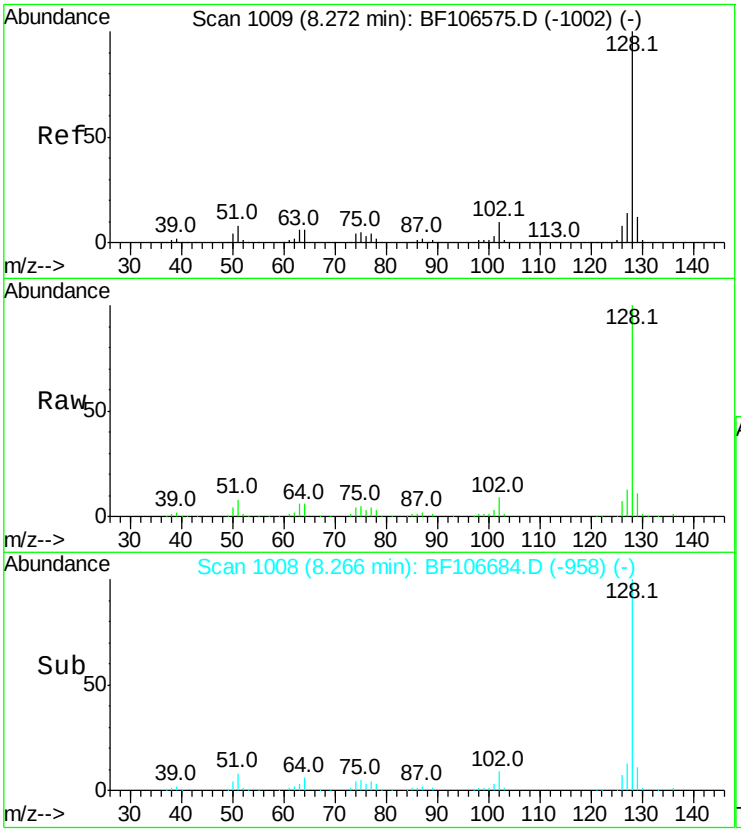


#30
1,2,4-Trichlorobenzene
Concen: 9.427 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:180 Resp: 31210

Ion	Ratio	Lower	Upper
180	100		
182	100.1	76.8	115.2
145	30.2	26.5	39.7



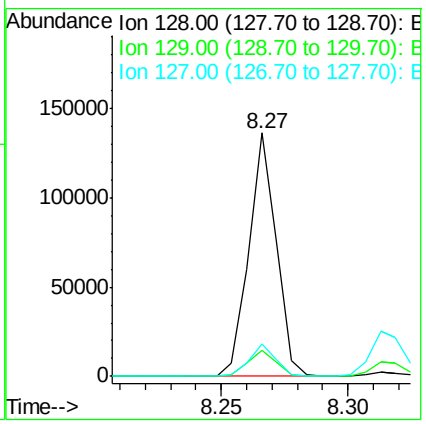


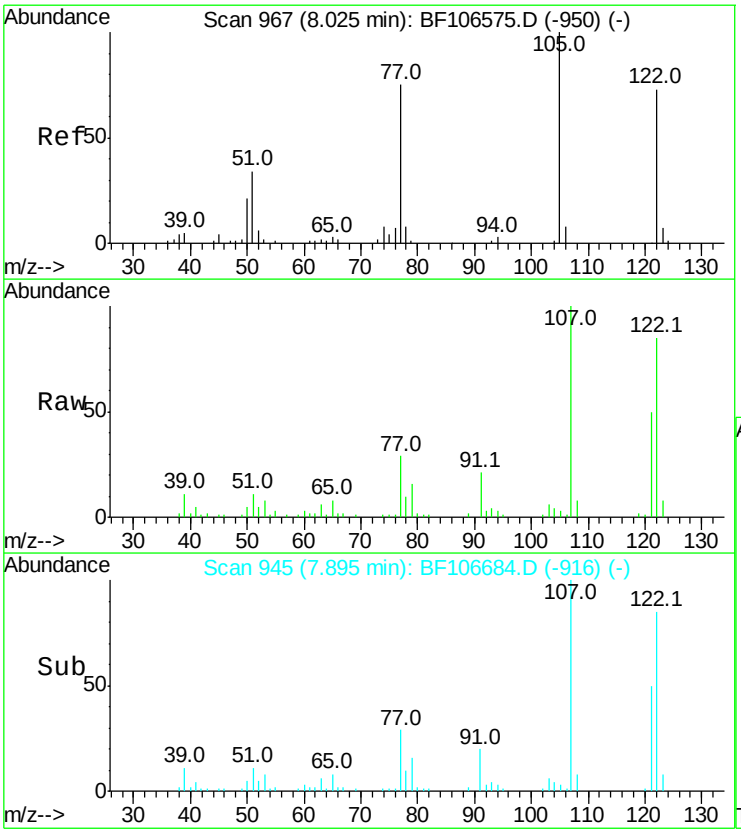
#31
Naphthalene
Concen: 10.285 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:128 Resp: 102973

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.2	10.9	16.3

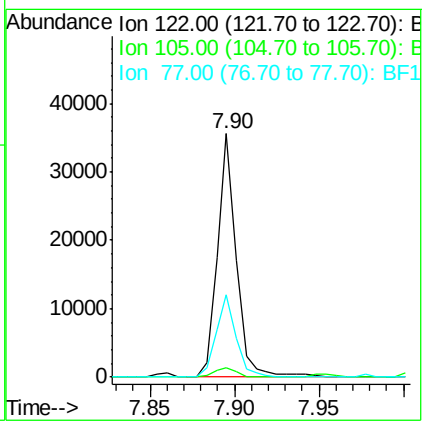


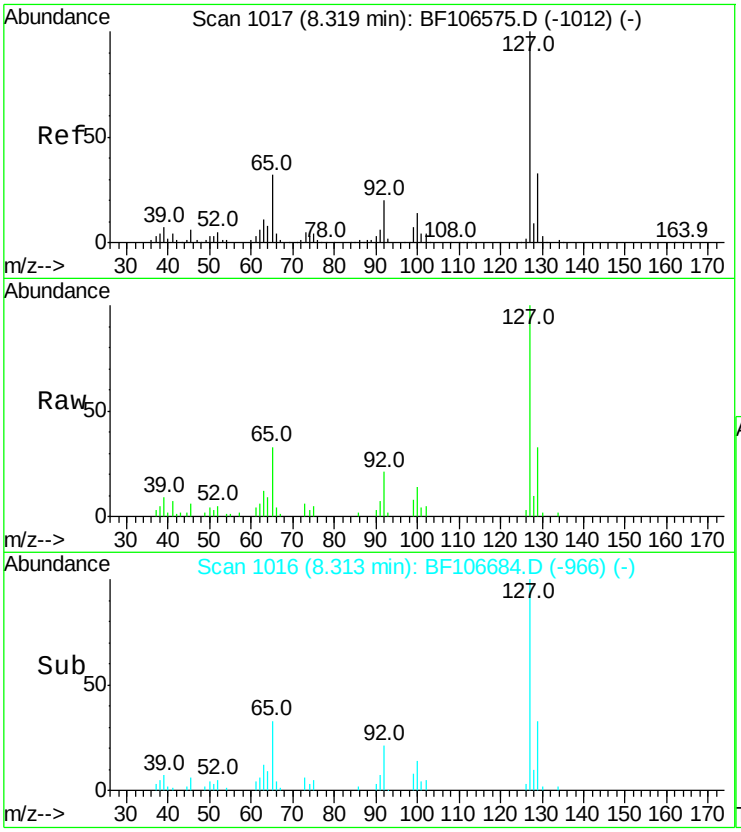


#32
Benzoic acid
Concen: 17.525 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.13 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:122 Resp: 27964

Ion	Ratio	Lower	Upper
122	100		
105	3.8	101.1	141.1#
77	33.8	70.7	110.7#

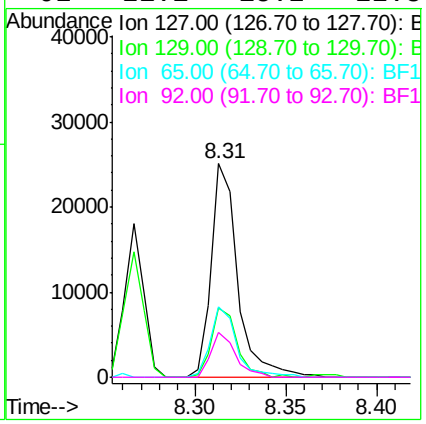




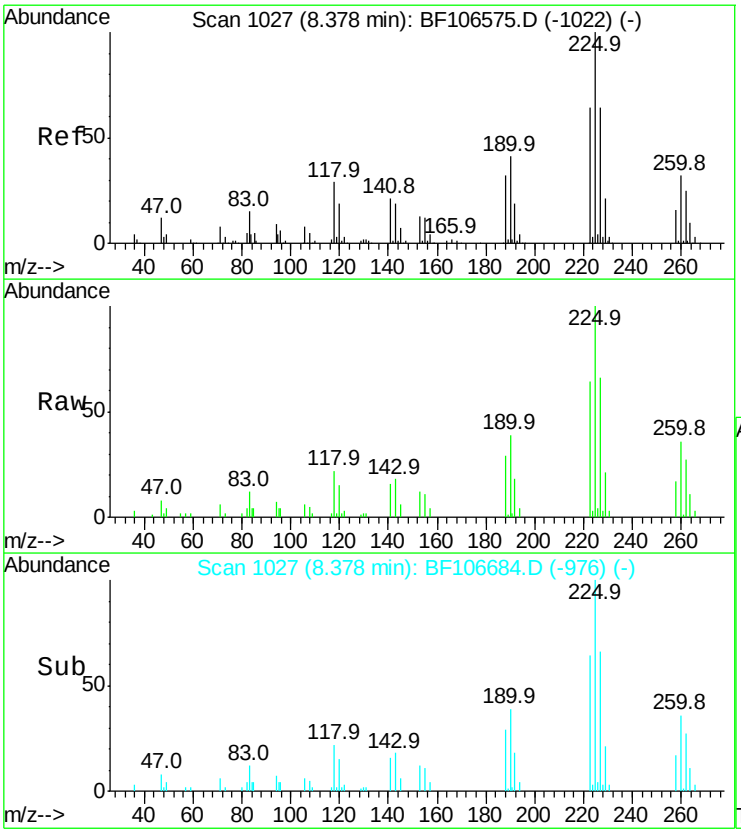
#33
4-Chloroaniline
Concen: 6.076 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:127 Resp: 25523

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	33.0	25.0	37.4
92	21.1	15.2	22.8



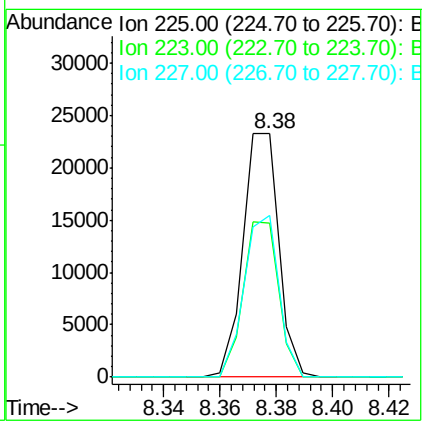
Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

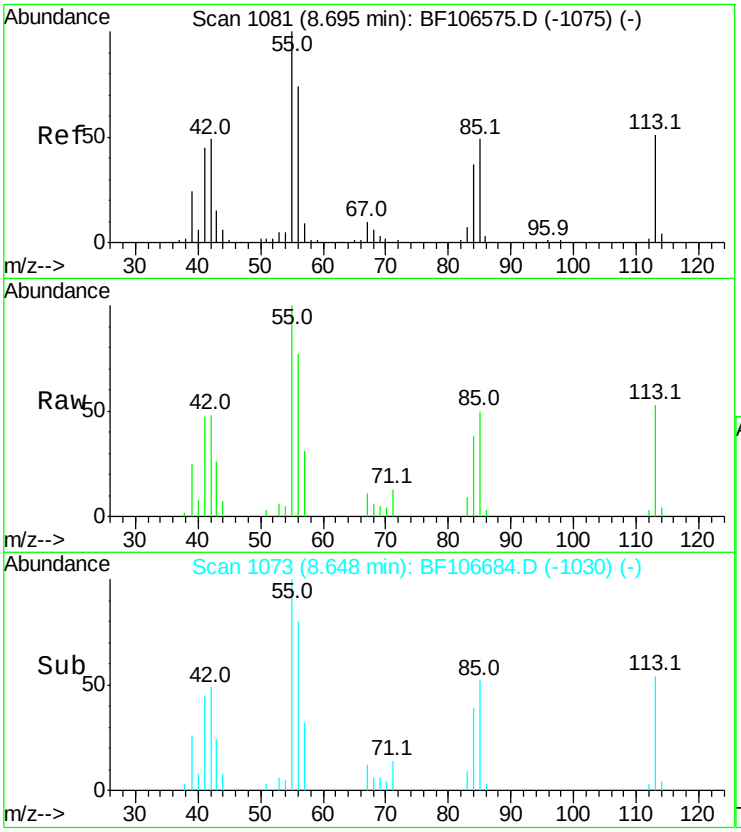


#34
Hexachlorobutadiene
Concen: 9.531 ng
RT: 8.38 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:225 Resp: 20559

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	66.2	51.9	77.9



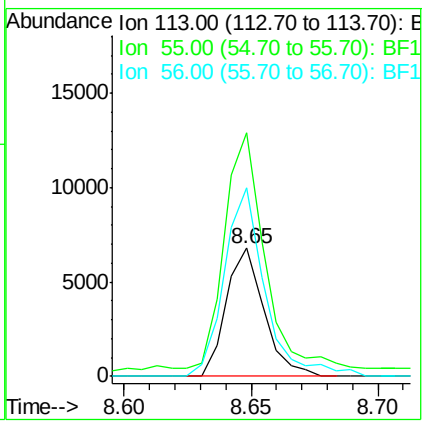


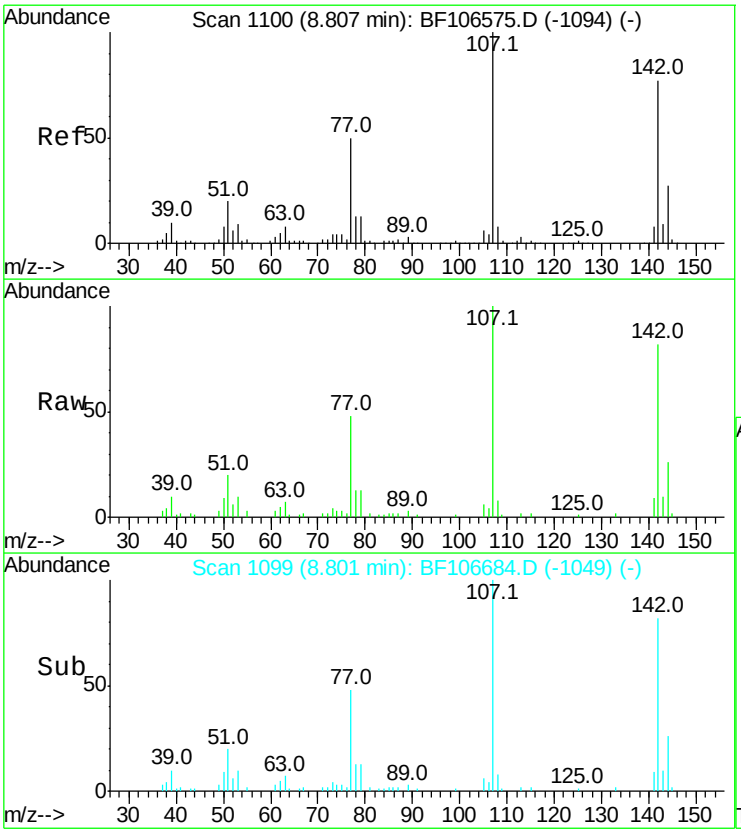
#35
Caprolactam
Concen: 7.197 ng
RT: 8.65 min Scan# 1073
Delta R.T. -0.05 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:113 Resp: 7050

Ion	Ratio	Lower	Upper
113	100		
55	190.4	163.3	203.3
56	147.3	115.7	155.7

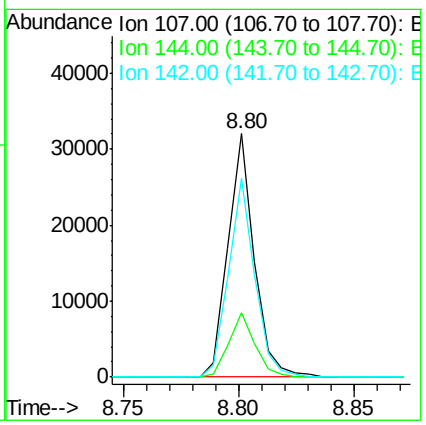


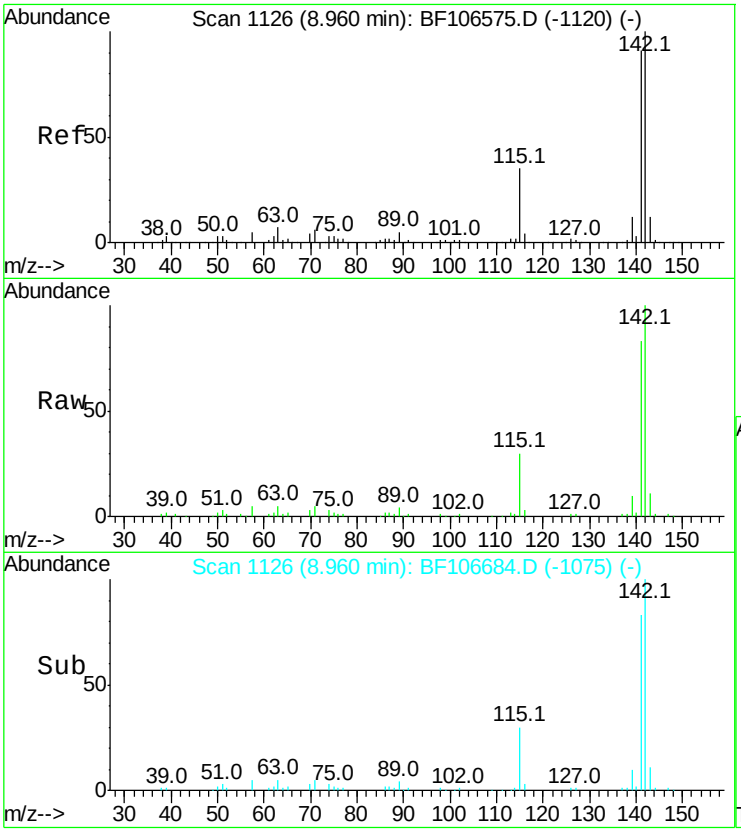


#36
4-Chloro-3-methylphenol
Concen: 8.025 ng
RT: 8.80 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:107 Resp: 25383

Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.5	30.7
142	81.8	62.0	93.0



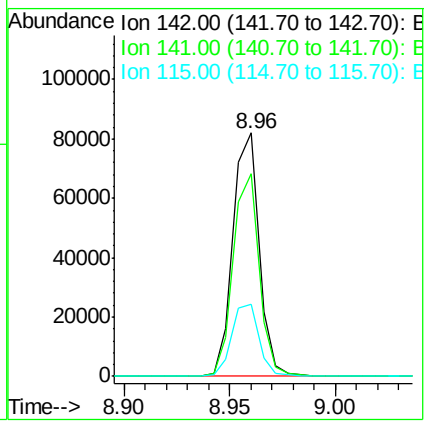


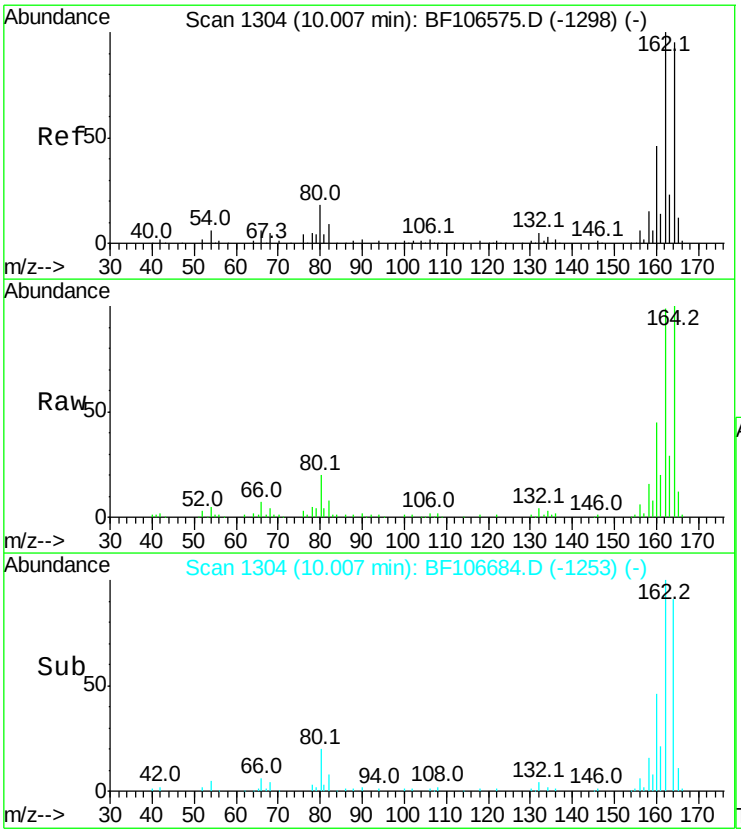
#37
2-Methylnaphthalene
Concen: 10.558 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:142 Resp: 70063

Ion	Ratio	Lower	Upper
142	100		
141	83.2	70.8	106.2
115	29.8	26.1	39.1

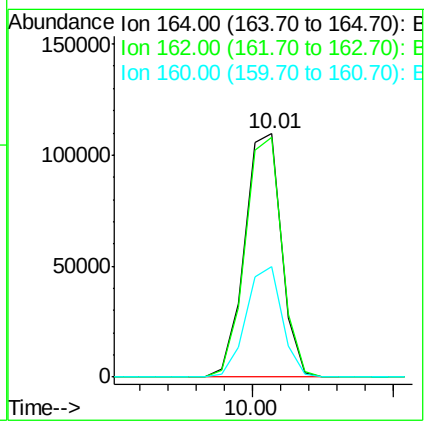


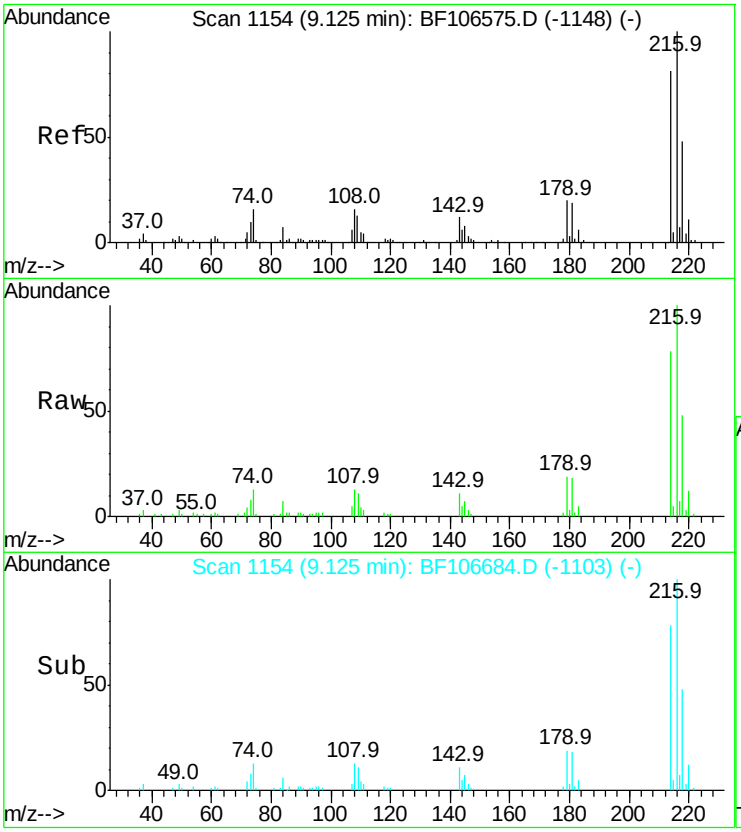


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:164 Resp: 98824

Ion	Ratio	Lower	Upper
164	100		
162	98.6	86.1	129.1
160	45.1	38.3	57.5



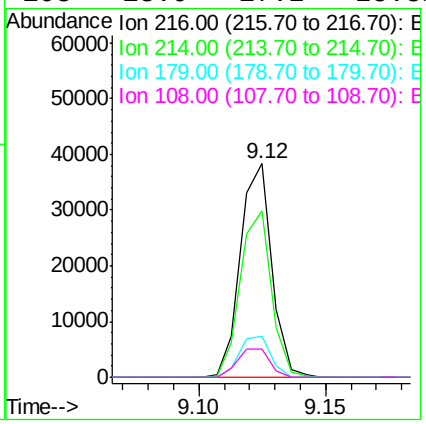


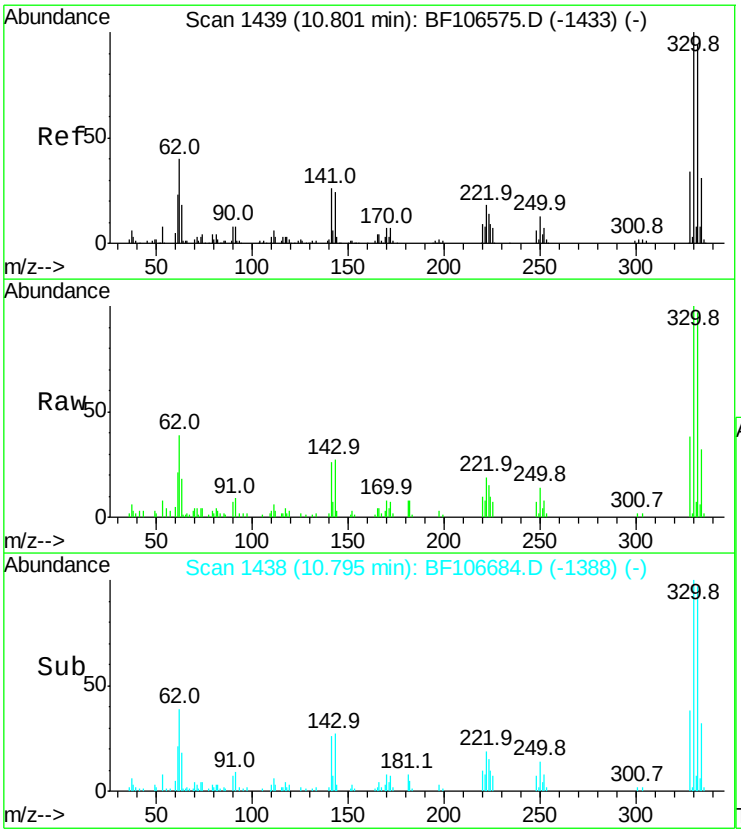
#39
1,2,4,5-Tetrachlorobenzene
Concen: 9.874 ng
RT: 9.12 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:216 Resp: 32863

Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.0	94.4
179	19.3	18.1	27.1
108	13.9	17.2	25.8#

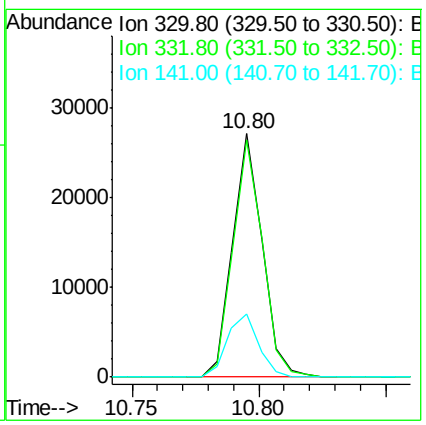


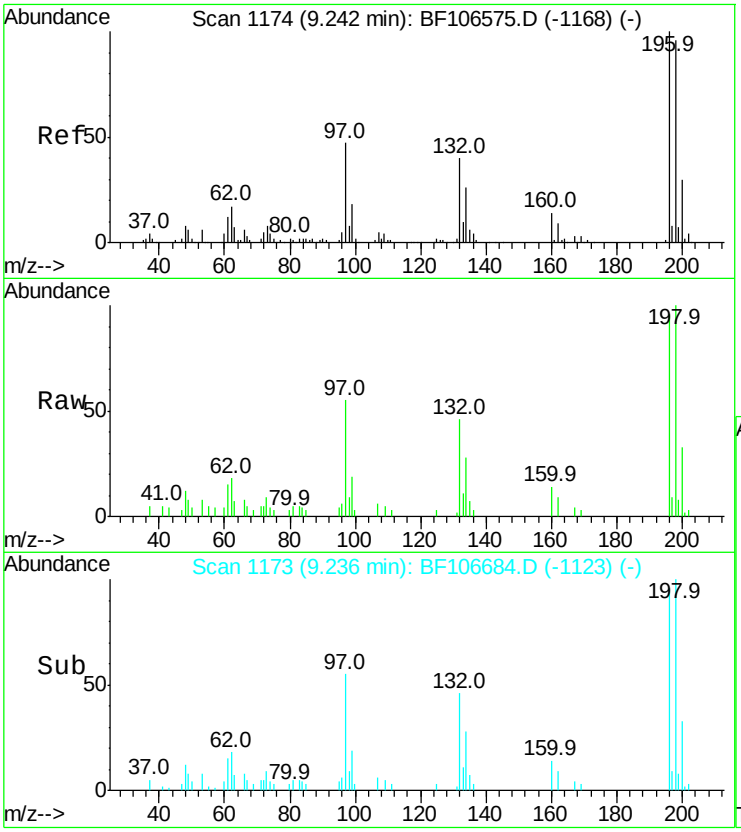


#41
2,4,6-Tribromophenol
Concen: 19.261 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:330 Resp: 22062

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	27.3	29.9	44.9#



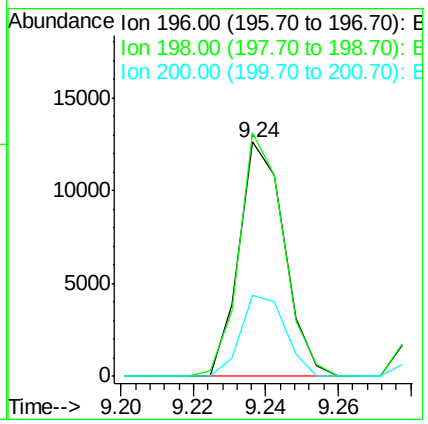


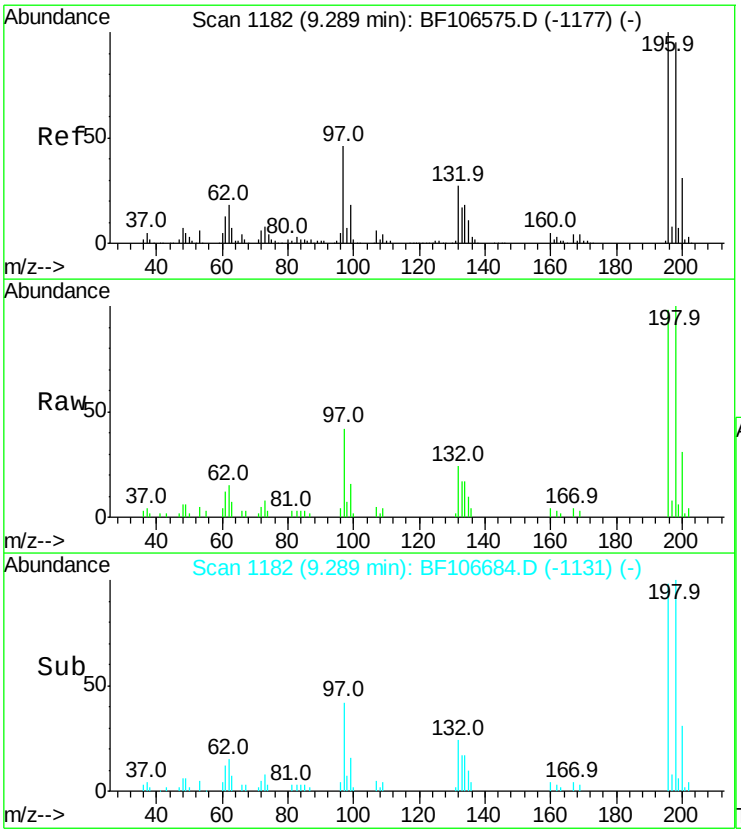
#42
2,4,6-Trichlorophenol
Concen: 4.945 ng
RT: 9.24 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:196 Resp: 10939

Ion	Ratio	Lower	Upper
196	100		
198	104.0	75.7	113.5
200	34.6	24.5	36.7

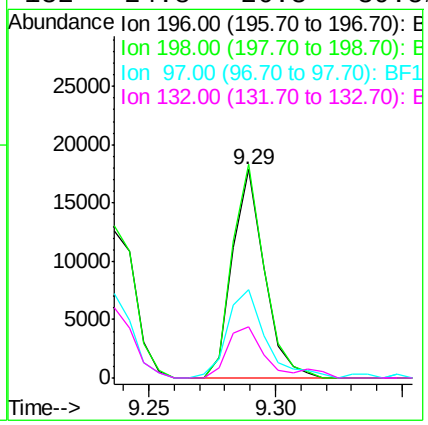


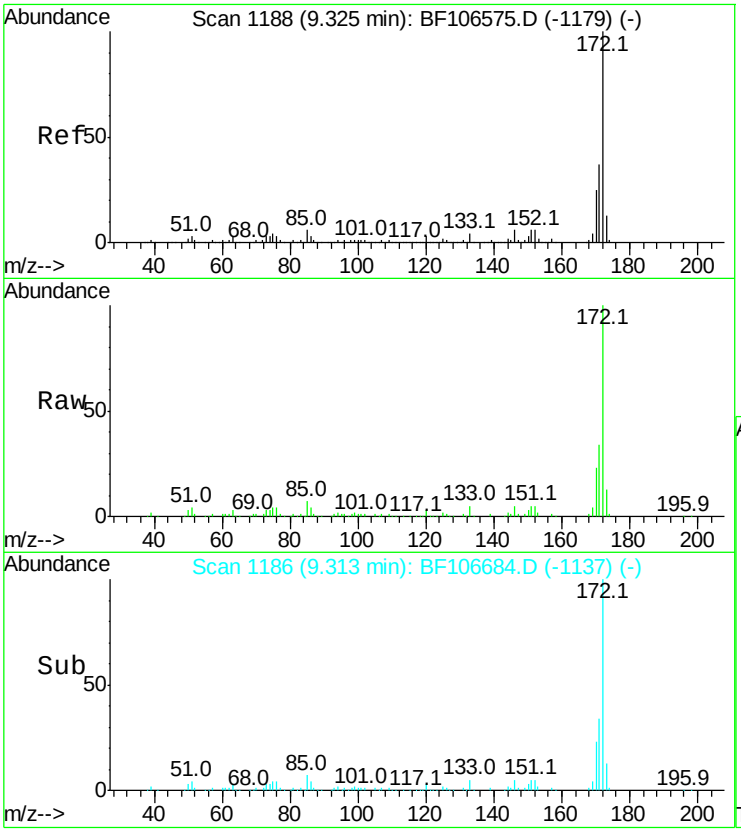


#43
2,4,5-Trichlorophenol
Concen: 6.771 ng
RT: 9.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:196 Resp: 15631

Ion	Ratio	Lower	Upper
196	100		
198	102.5	74.6	112.0
97	42.6	42.9	64.3#
132	24.8	26.3	39.5#



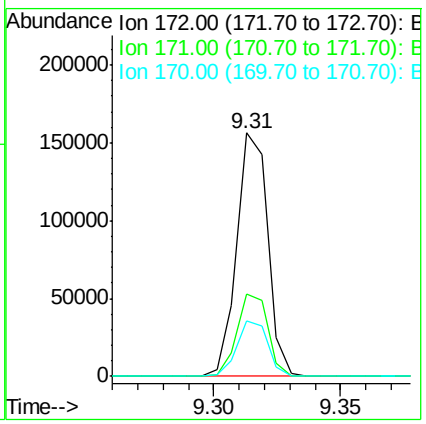


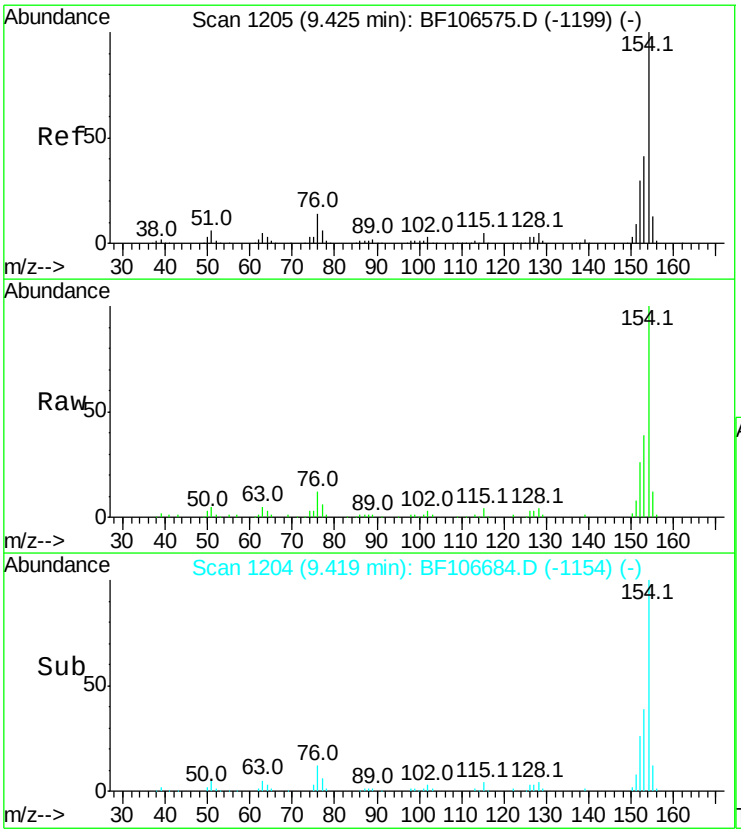
#44
2-Fluorobiphenyl
Concen: 9.594 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:172 Resp: 132417

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.7	44.5
170	22.6	19.6	29.4

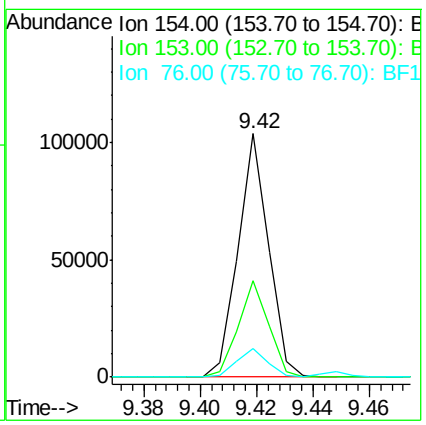


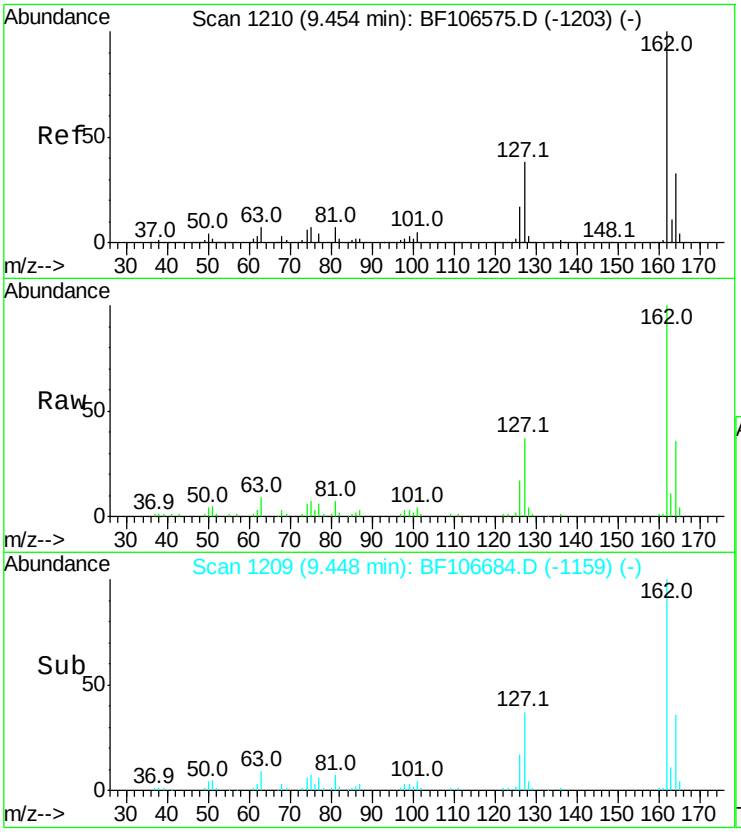


#45
1,1'-Biphenyl
Concen: 9.861 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:154 Resp: 77661

Ion	Ratio	Lower	Upper
154	100		
153	39.5	21.3	61.3
76	11.8	0.0	34.0



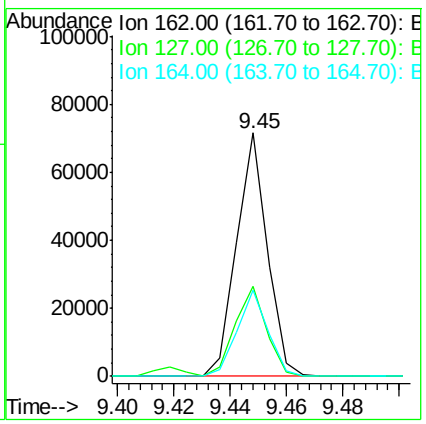


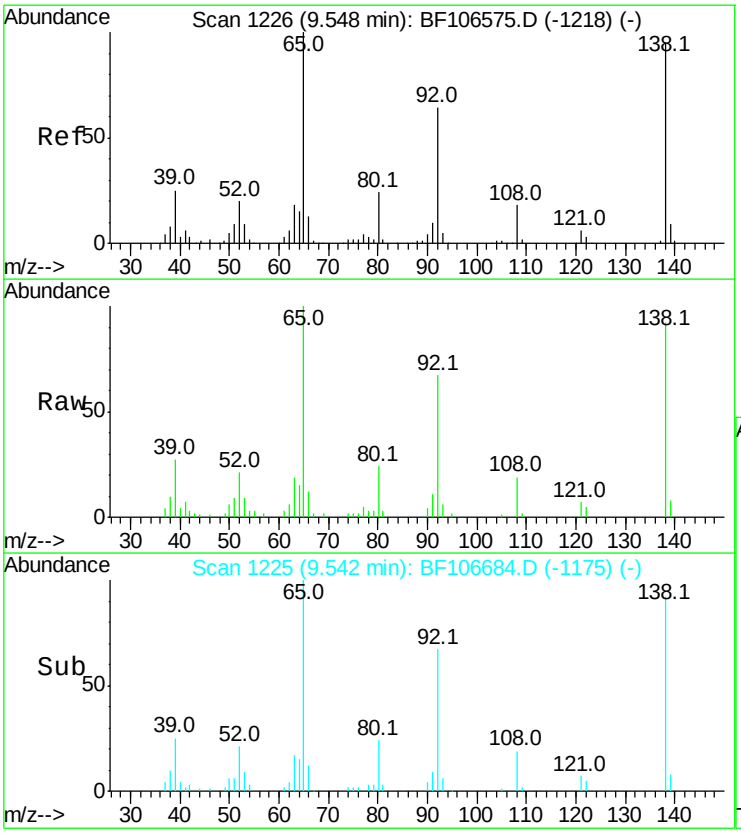
#46
2-Chloronaphthalene
Concen: 8.687 ng
RT: 9.45 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:162 Resp: 53852

Ion	Ratio	Lower	Upper
162	100		
127	37.0	33.9	50.9
164	35.6	26.5	39.7

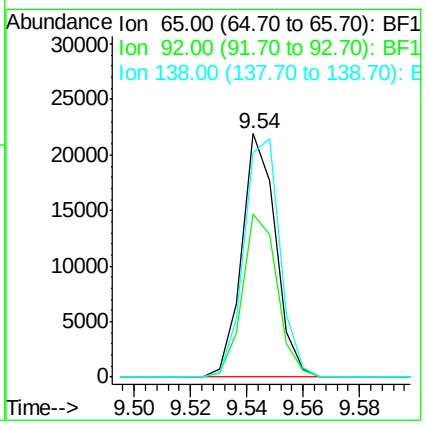


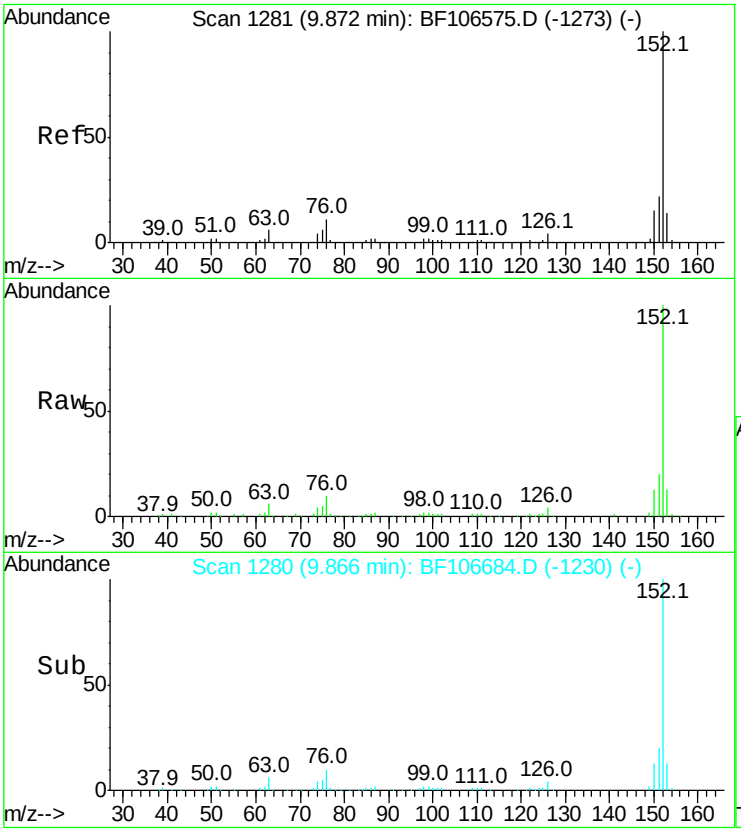


#47
2-Nitroaniline
Concen: 8.768 ng
RT: 9.54 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion: 65 Resp: 18278

Ion	Ratio	Lower	Upper
65	100		
92	66.8	55.8	83.6
138	92.2	91.2	136.8



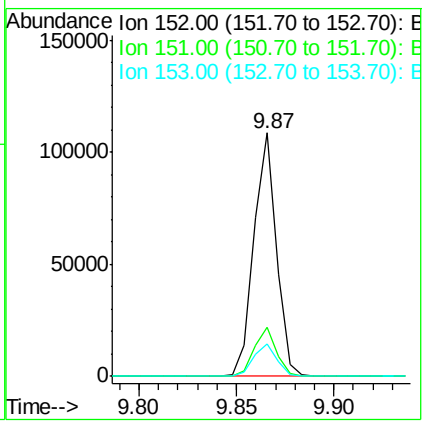


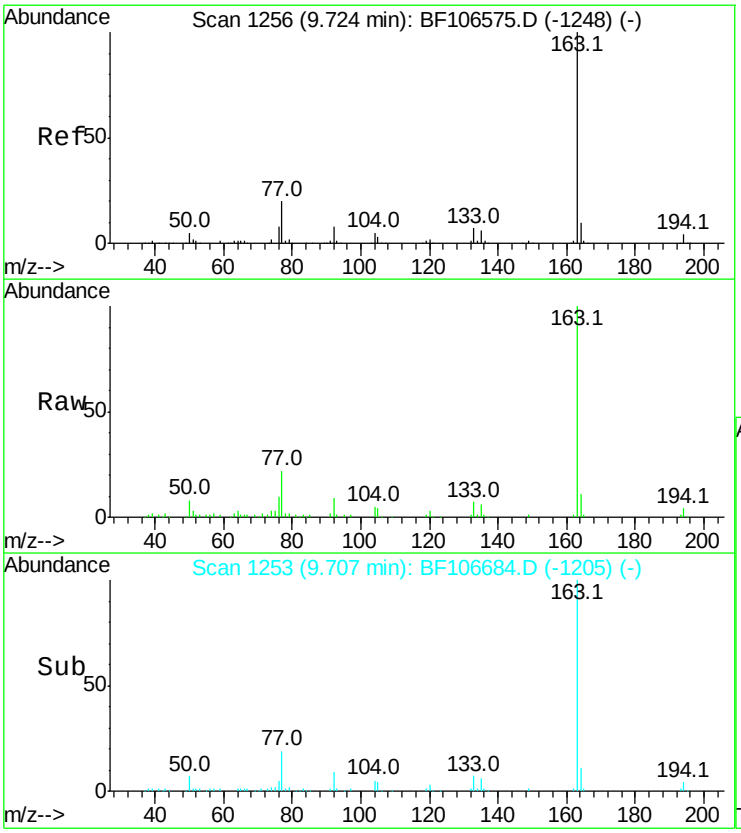
#48
Acenaphthylene
Concen: 8.913 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:152 Resp: 87238

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.3	10.7	16.1

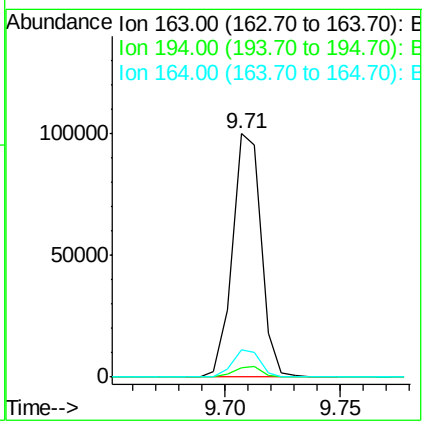


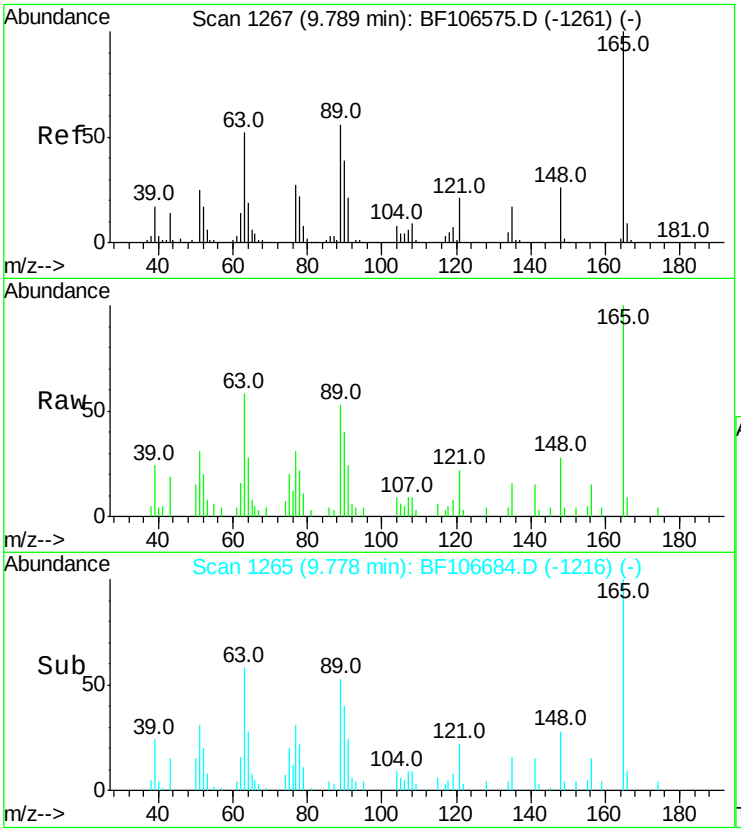


#49
Dimethylphthalate
Concen: 11.693 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:163 Resp: 86665

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	11.4	8.2	12.2



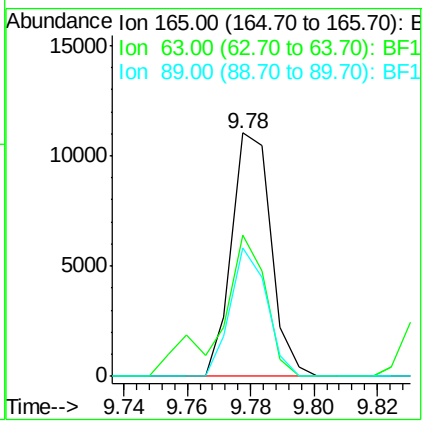


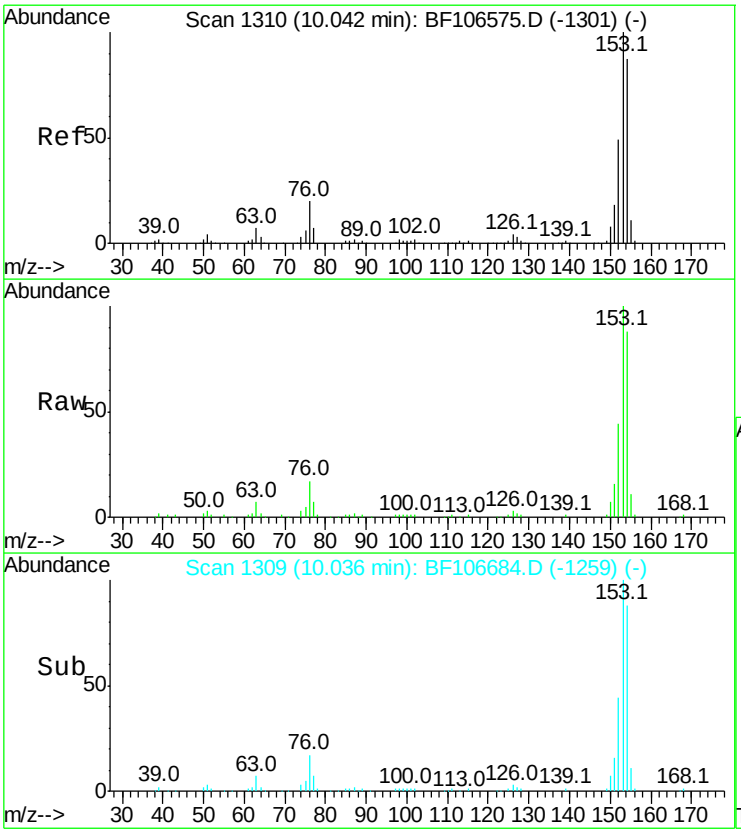
#50
2,6-Dinitrotoluene
Concen: 6.027 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:165 Resp: 9460

Ion	Ratio	Lower	Upper
165	100		
63	58.1	44.7	67.1
89	52.9	44.0	66.0

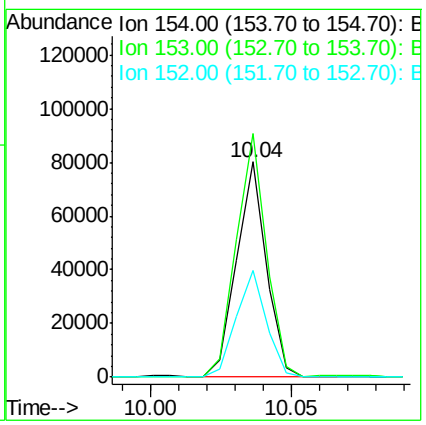


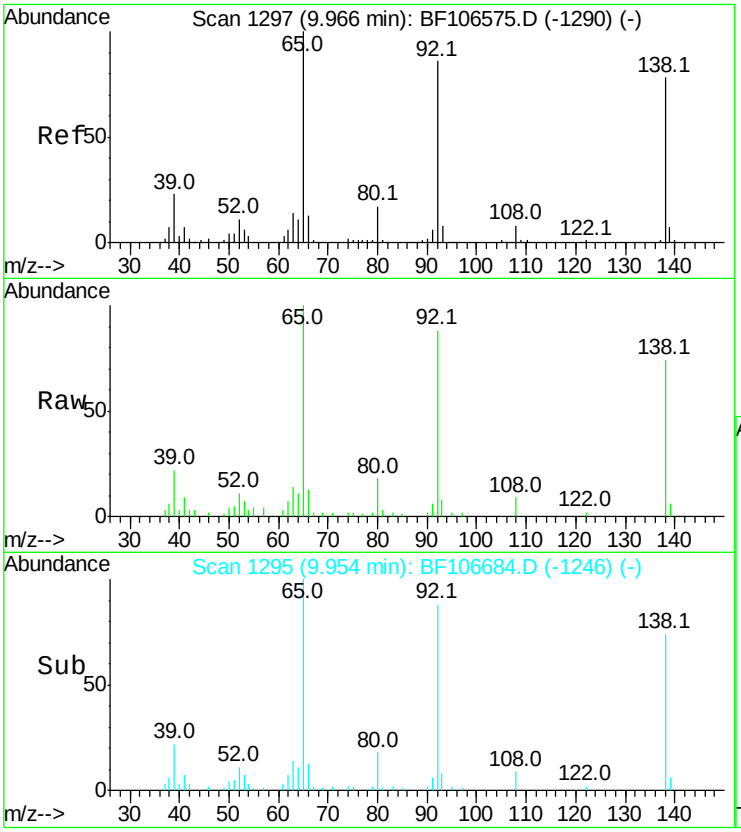


#51
Acenaphthene
Concen: 9.527 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:154 Resp: 58718

Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.2	136.8
152	49.8	43.8	65.8



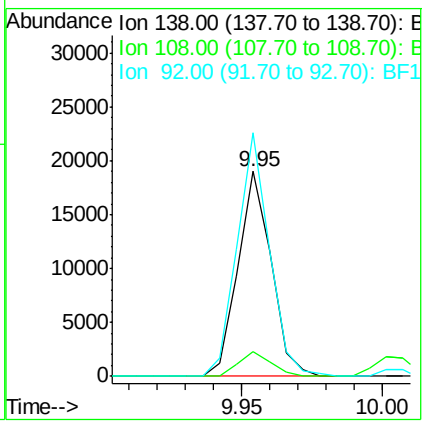


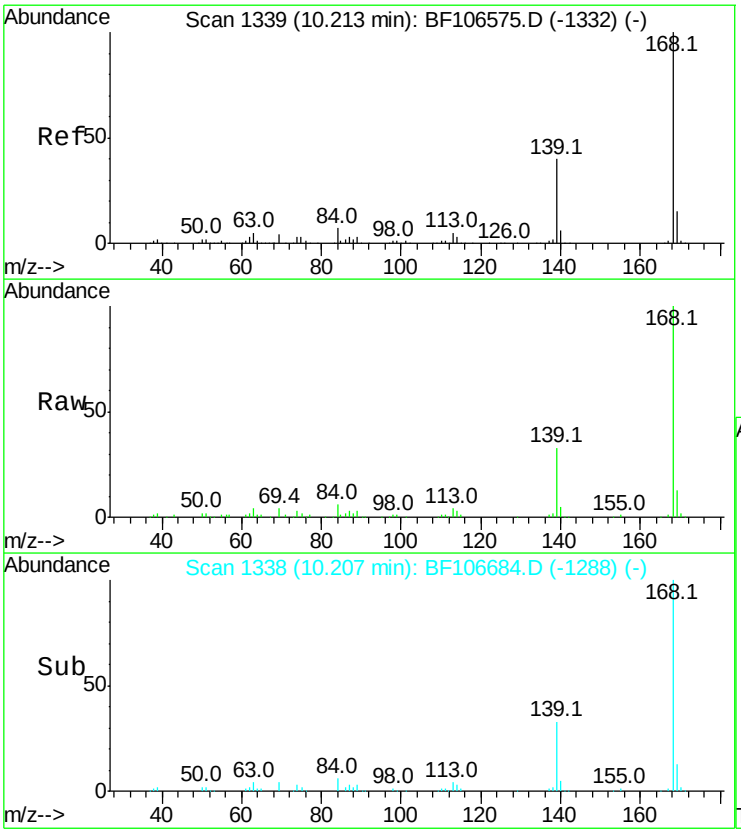
#52
3-Nitroaniline
Concen: 8.593 ng
RT: 9.95 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:138 Resp: 15519

Ion	Ratio	Lower	Upper
138	100		
108	12.3	9.4	14.0
92	118.7	89.4	134.2

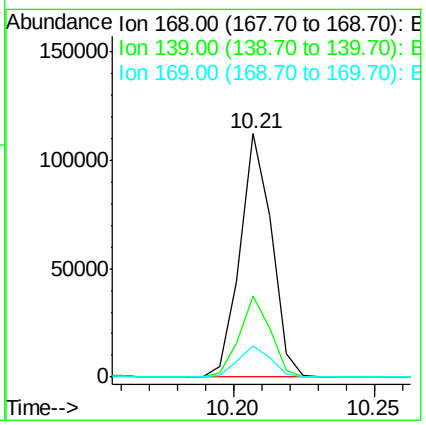


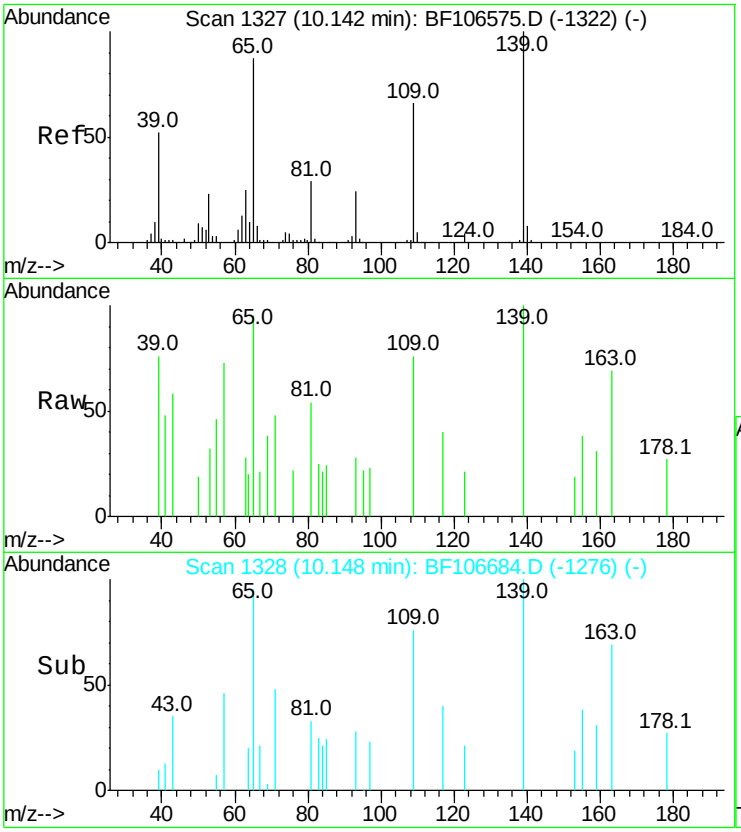


#54
Dibenzofuran
Concen: 10.374 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:168 Resp: 87555

Ion	Ratio	Lower	Upper
168	100		
139	33.4	30.1	45.1
169	12.9	10.9	16.3



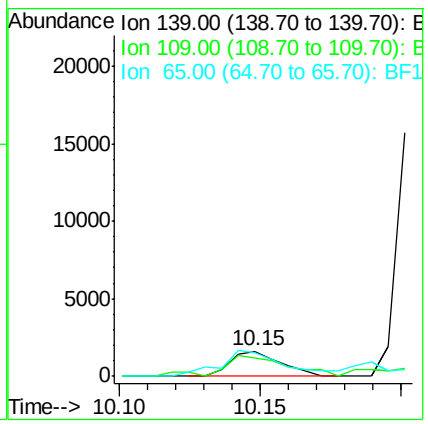


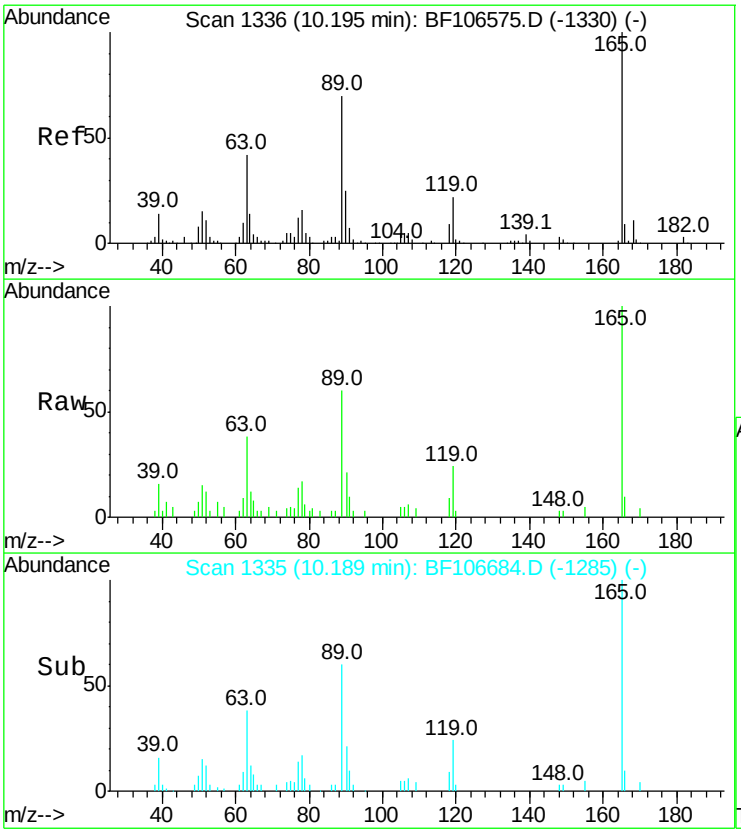
#55
4-Nitrophenol
Concen: 1.582 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:139 Resp: 1995

Ion	Ratio	Lower	Upper
139	100		
109	75.5	48.4	88.4
65	95.3	72.6	112.6

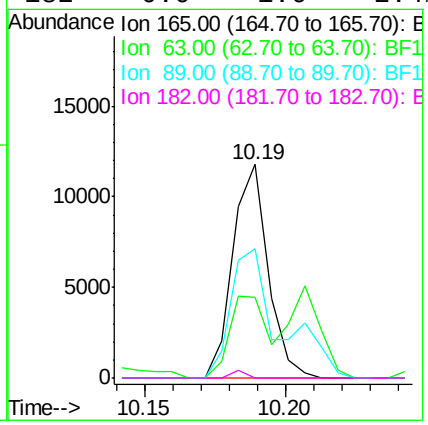


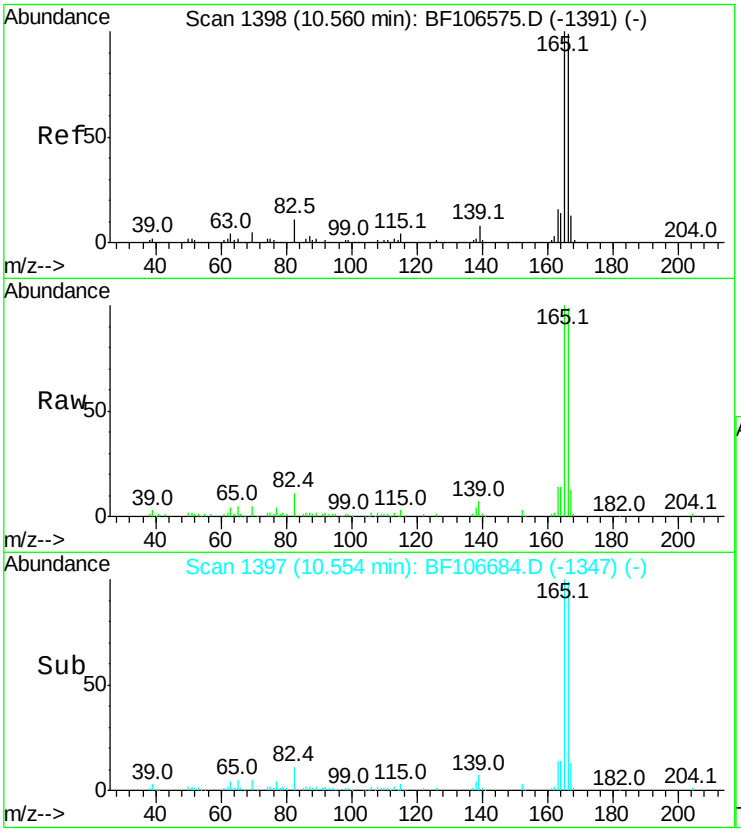


#56
2,4-Dinitrotoluene
Concen: 5.001 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:165 Resp: 10245

Ion	Ratio	Lower	Upper
165	100		
63	37.7	36.4	54.6
89	60.4	57.8	86.6
182	0.0	1.6	2.4#



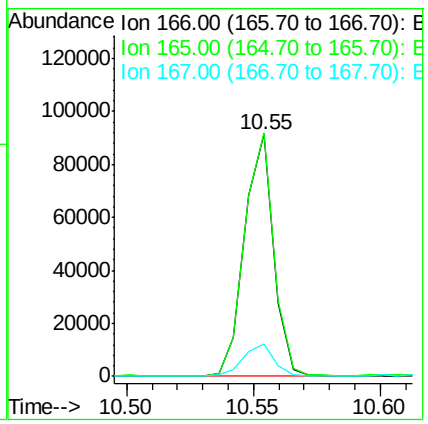


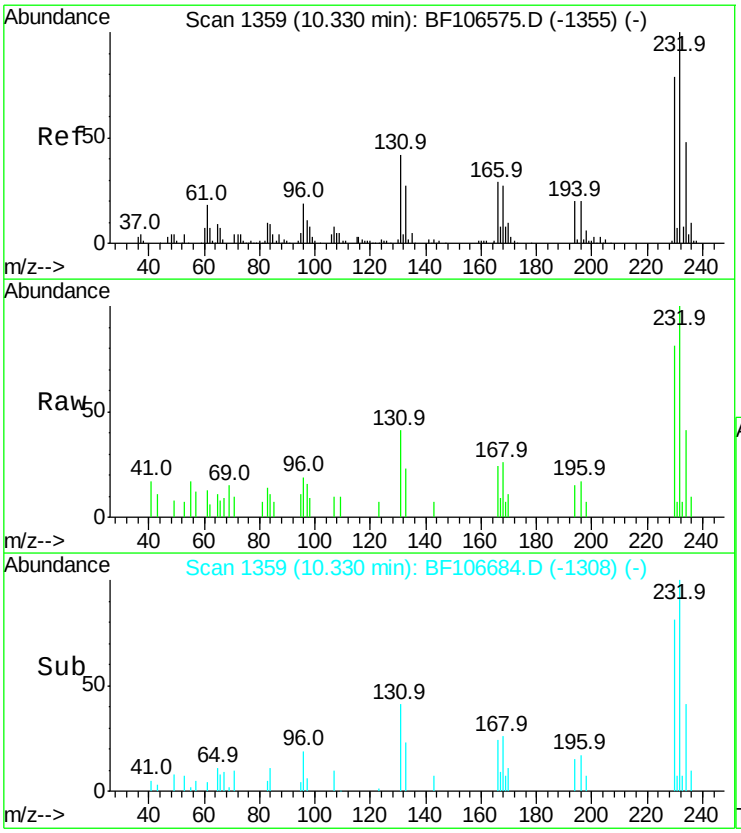
#57
Fluorene
Concen: 10.846 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:166 Resp: 72638

Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.8	119.8
167	13.4	10.6	16.0

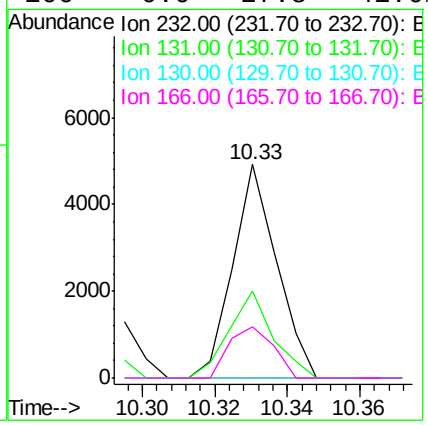


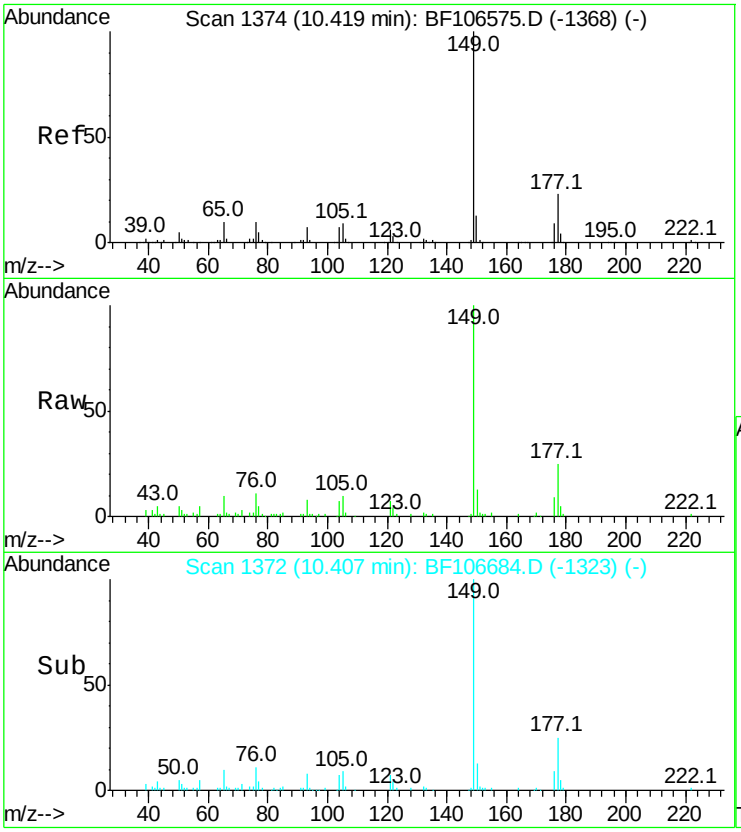


#58
2,3,4,6-Tetrachlorophenol
Concen: 2.256 ng
RT: 10.33 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:232 Resp: 4140

Ion	Ratio	Lower	Upper
232	100		
131	41.0	43.8	65.8#
130	0.0	2.1	3.1#
166	0.0	27.8	41.6#



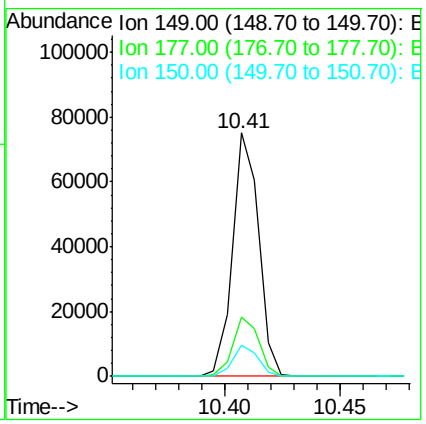


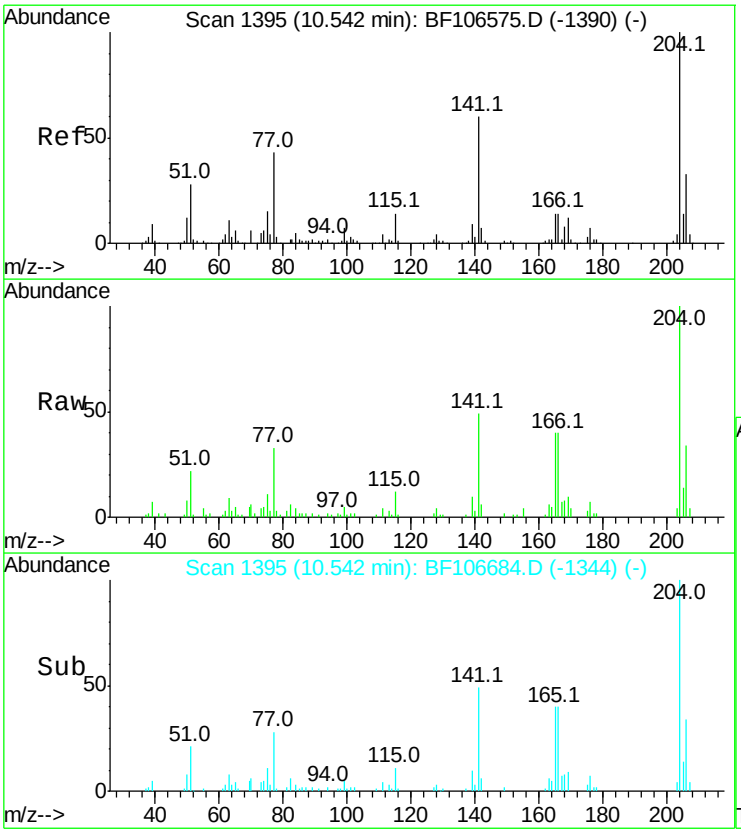
#59
Diethylphthalate
Concen: 8.289 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:149 Resp: 59295

Ion	Ratio	Lower	Upper
149	100		
177	24.6	16.1	24.1#
150	12.5	10.1	15.1

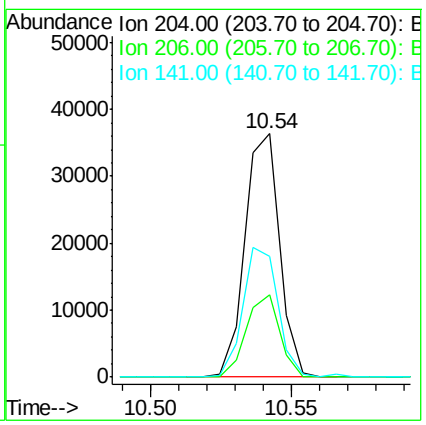


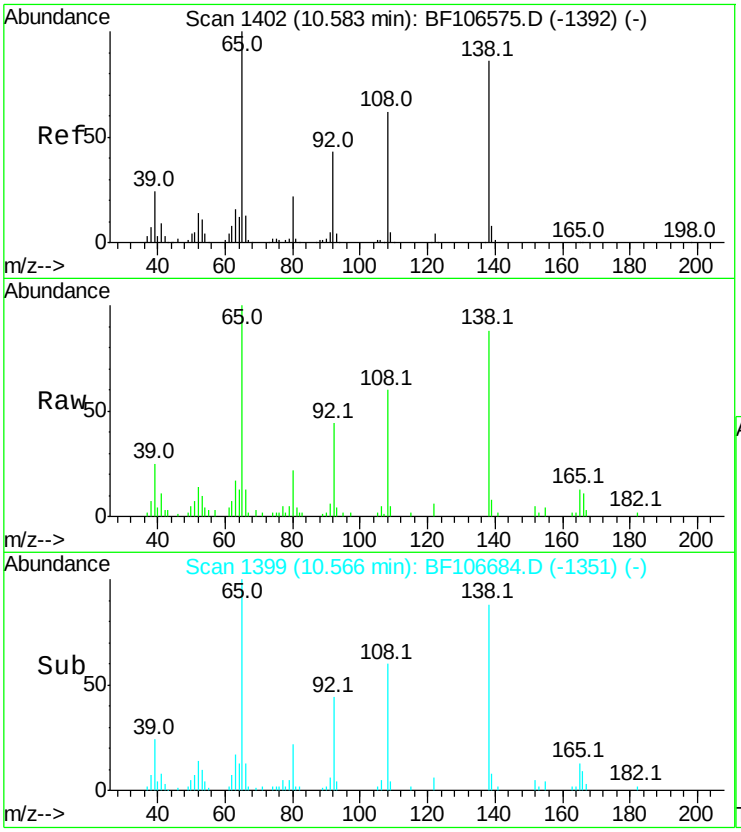


#60
4-Chlorophenyl-phenylether
Concen: 8.815 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:204 Resp: 30887

Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	49.4	54.6	81.8#



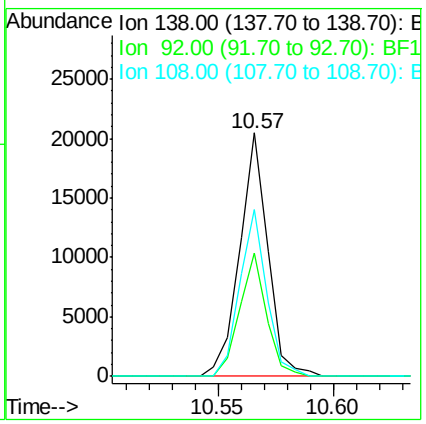


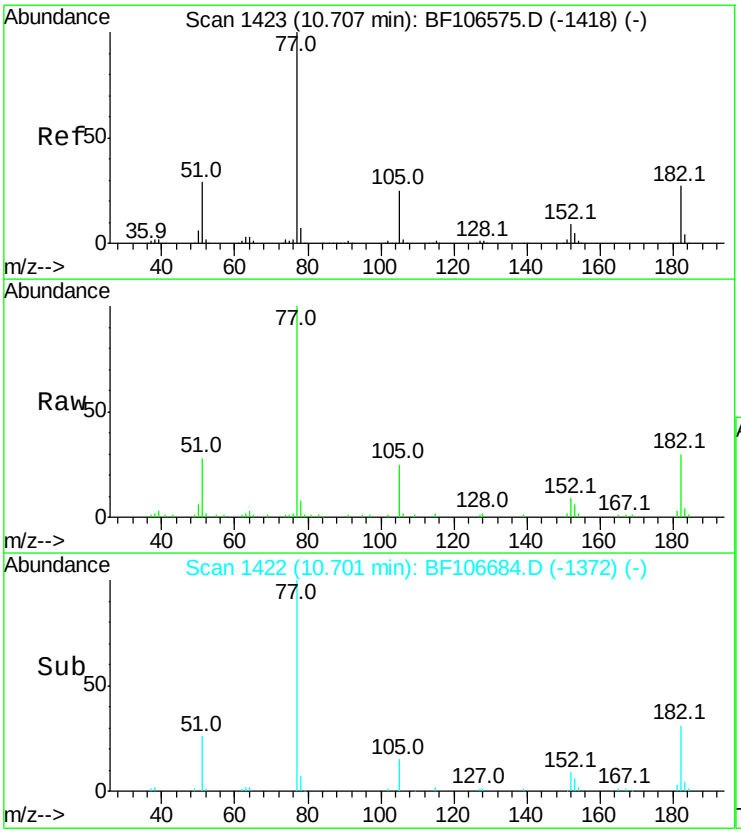
#61
4-Nitroaniline
Concen: 9.748 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:138 Resp: 17472

Ion	Ratio	Lower	Upper
138	100		
92	50.4	30.2	70.2
108	68.3	52.5	92.5

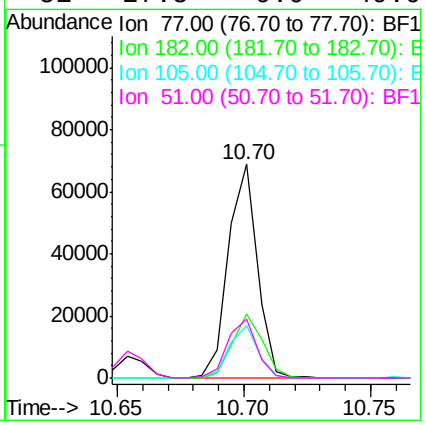


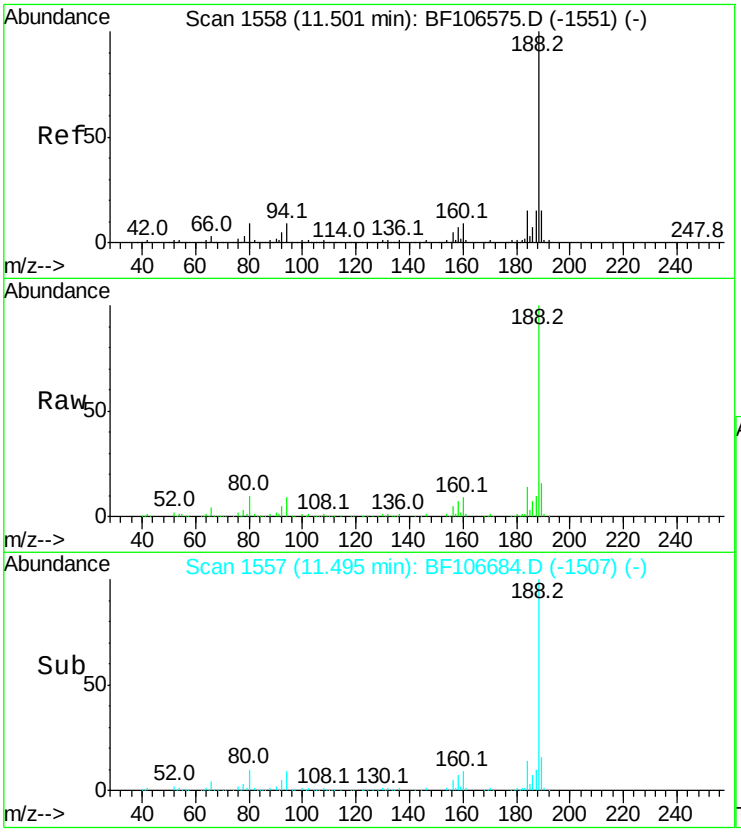


#62
Azobenzene
Concen: 7.770 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion: 77 Resp: 54735

Ion	Ratio	Lower	Upper
77	100		
182	29.8	1.7	41.7
105	24.6	3.0	43.0
51	27.5	9.9	49.9



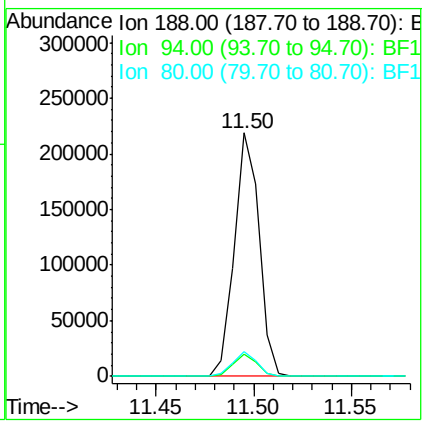


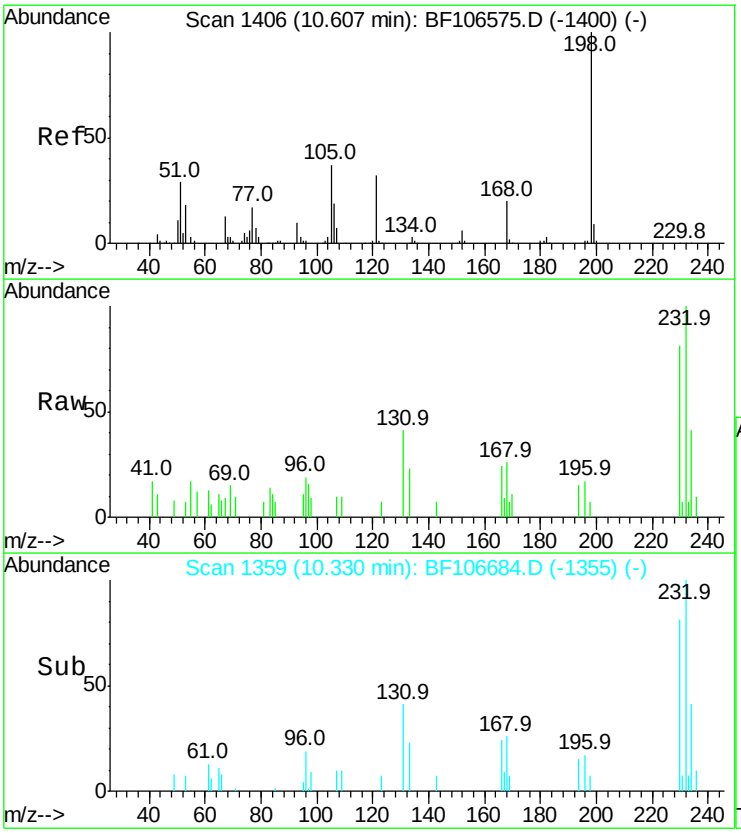
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:188 Resp: 192829

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.3	9.2	13.8

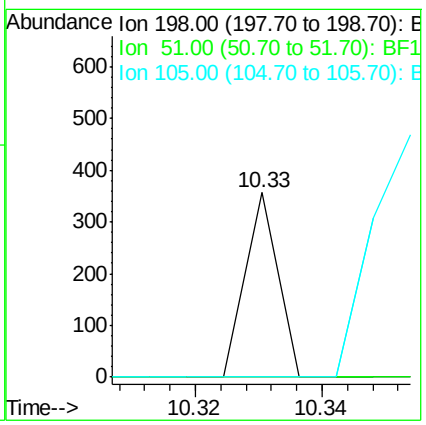


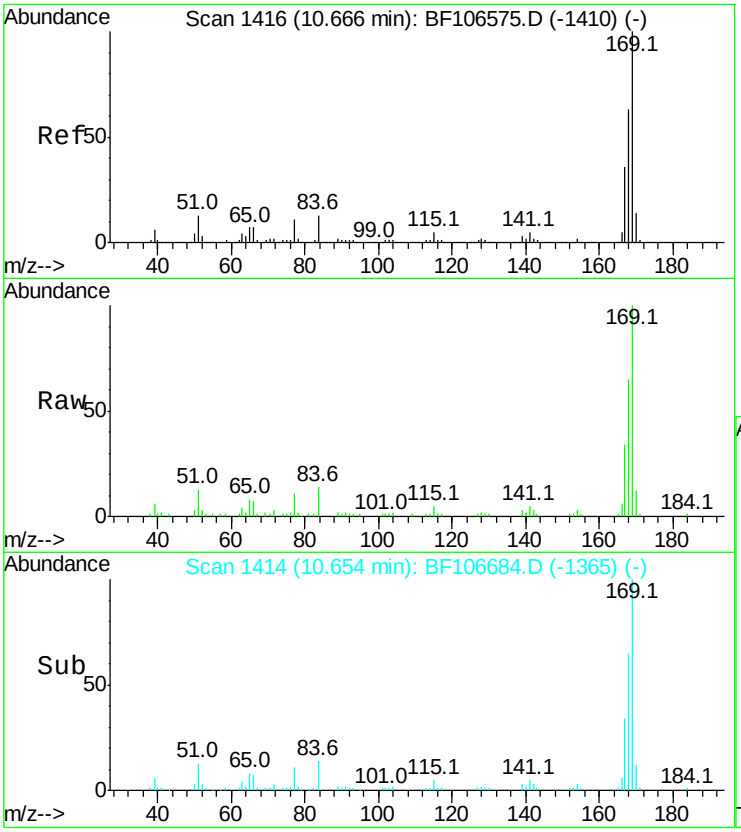


#64
4,6-Dinitro-2-methylphenol
Concen: 0.106 ng
RT: 10.33 min Scan# 1359
Delta R.T. -0.28 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:198 Resp: 126

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



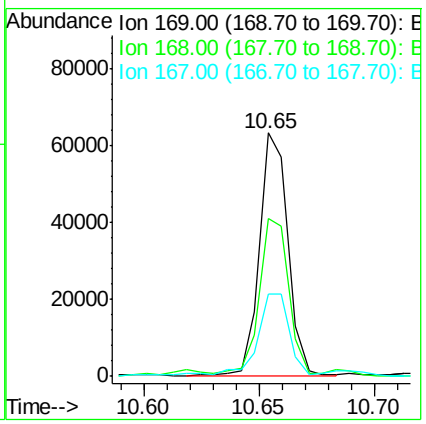


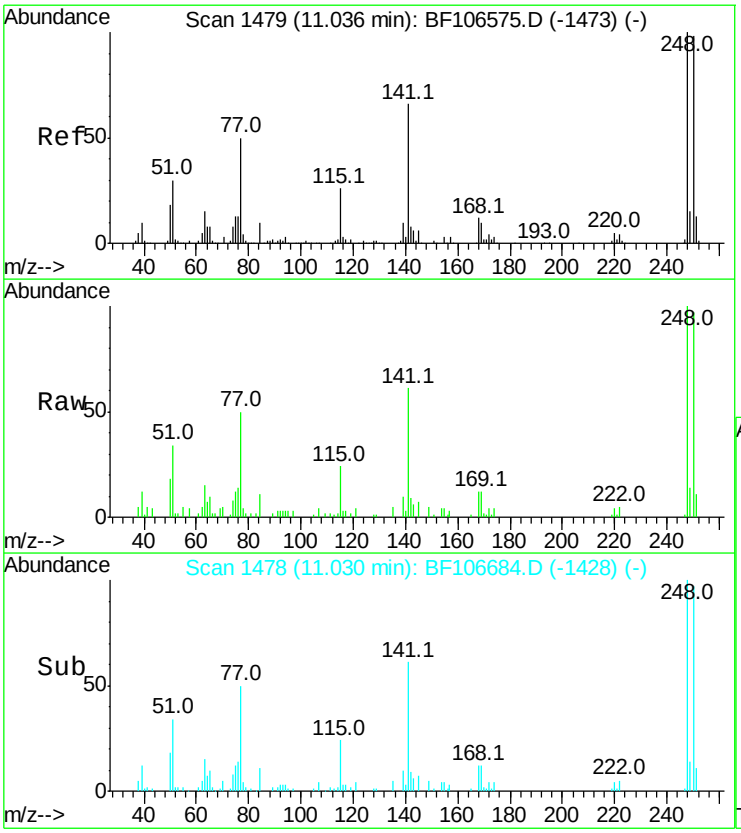
#65
n-Nitrosodiphenylamine
Concen: 8.467 ng
RT: 10.65 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:169 Resp: 54915

Ion	Ratio	Lower	Upper
169	100		
168	64.6	54.4	81.6
167	33.6	29.8	44.6

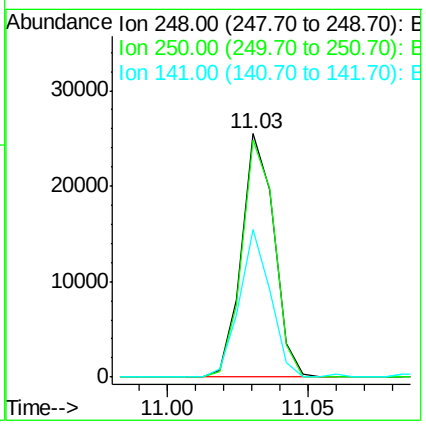


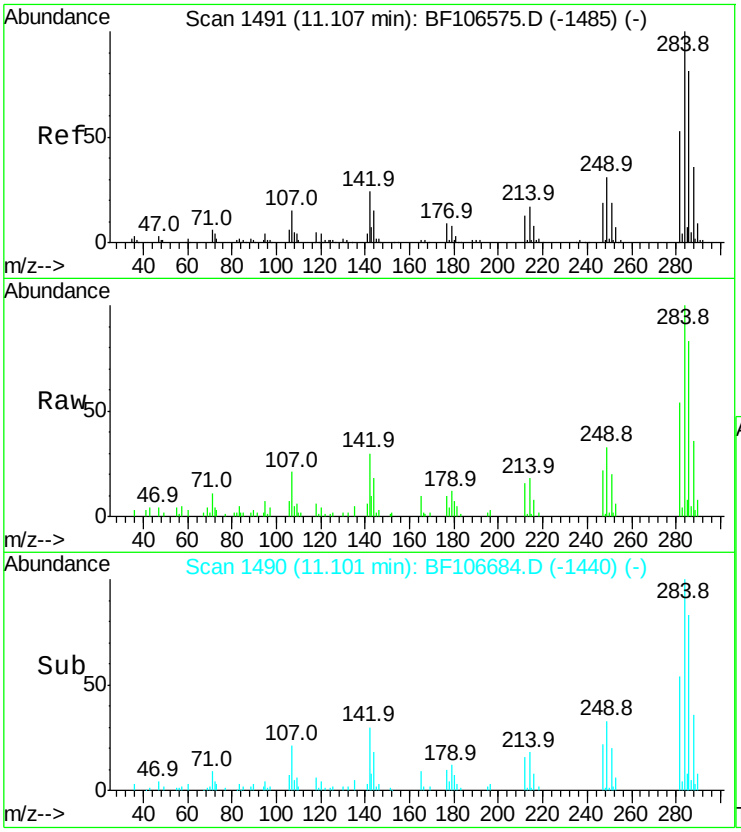


#66
4-Bromophenyl-phenylether
Concen: 8.864 ng
RT: 11.03 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:248 Resp: 20398

Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.9	115.3
141	60.7	74.4	111.6#



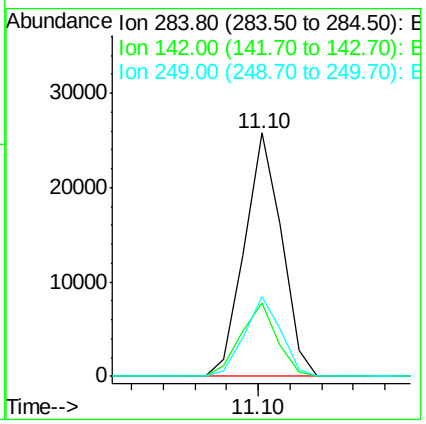


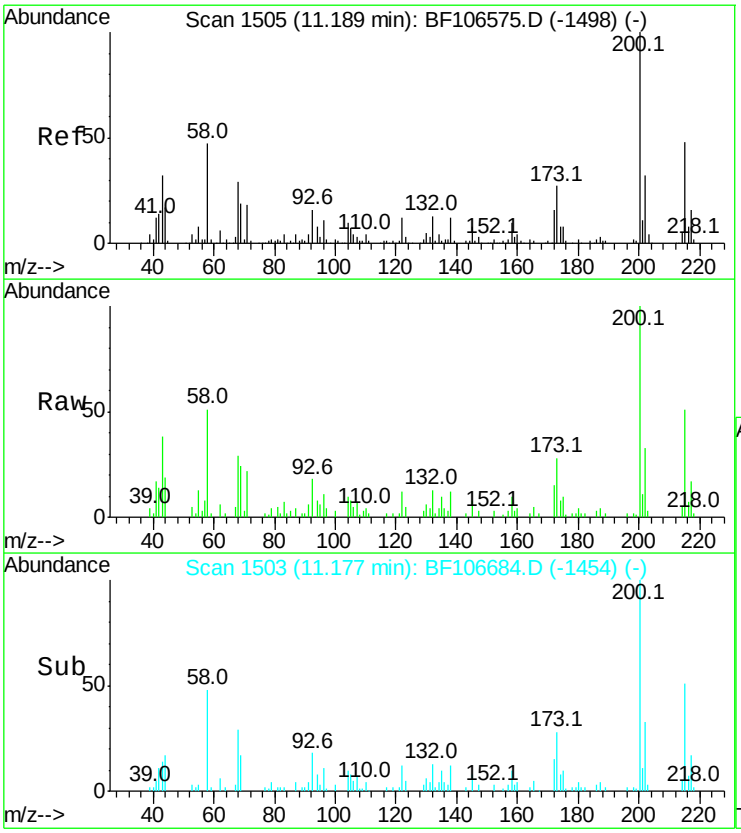
#67
Hexachlorobenzene
Concen: 8.674 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:284 Resp: 20893

Ion	Ratio	Lower	Upper
284	100		
142	30.2	34.6	52.0#
249	32.7	24.8	37.2

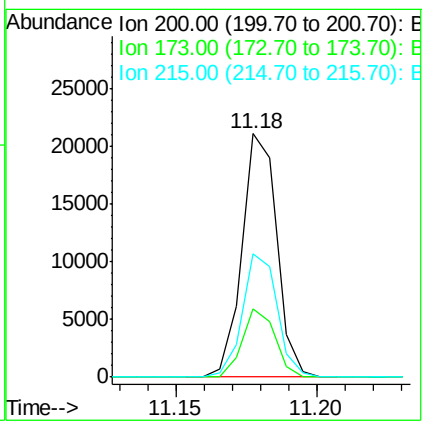


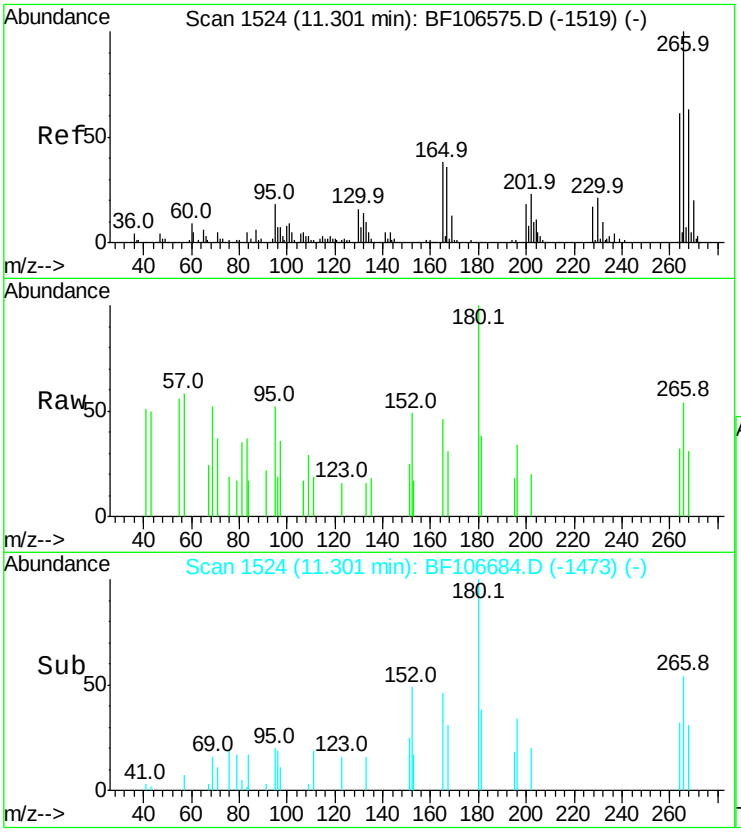


#68
Atrazine
Concen: 8.740 ng
RT: 11.18 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:200 Resp: 18021

Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.6	48.6
215	50.5	25.1	65.1



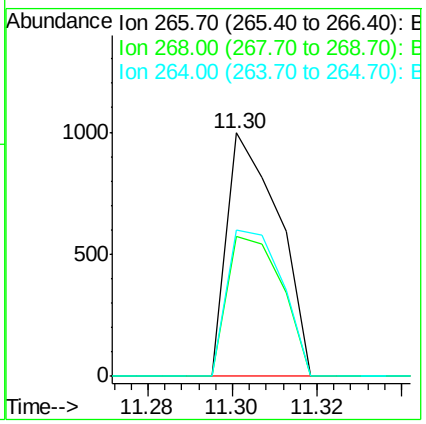


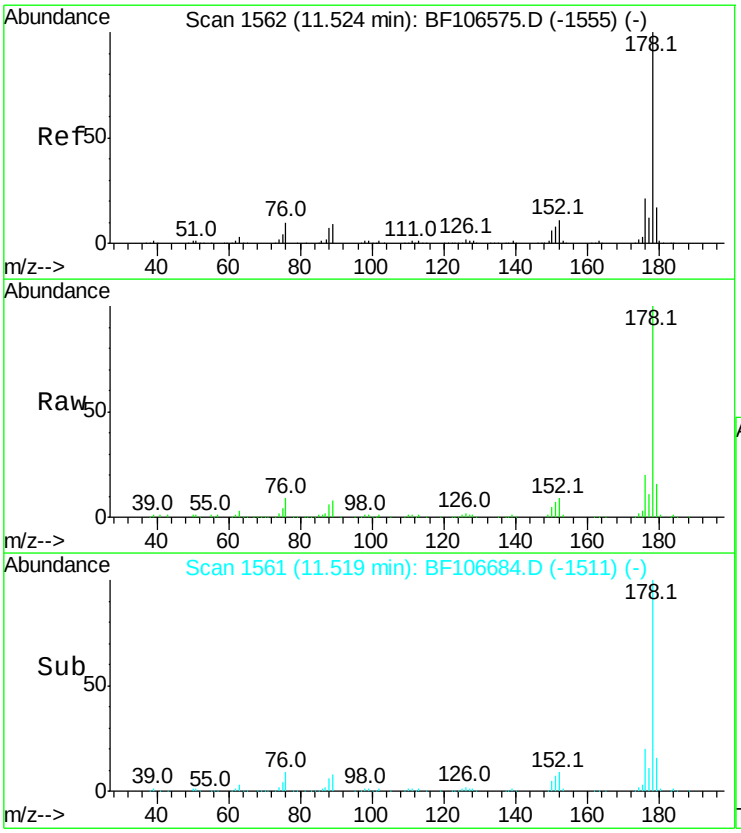
#69
Pentachlorophenol
Concen: 0.706 ng
RT: 11.30 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:266 Resp: 849

Ion	Ratio	Lower	Upper
266	100		
268	57.5	51.1	76.7
264	60.2	49.5	74.3

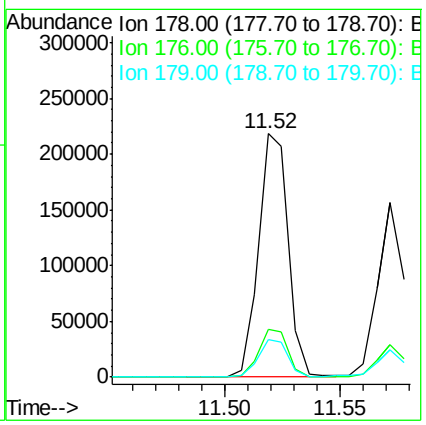


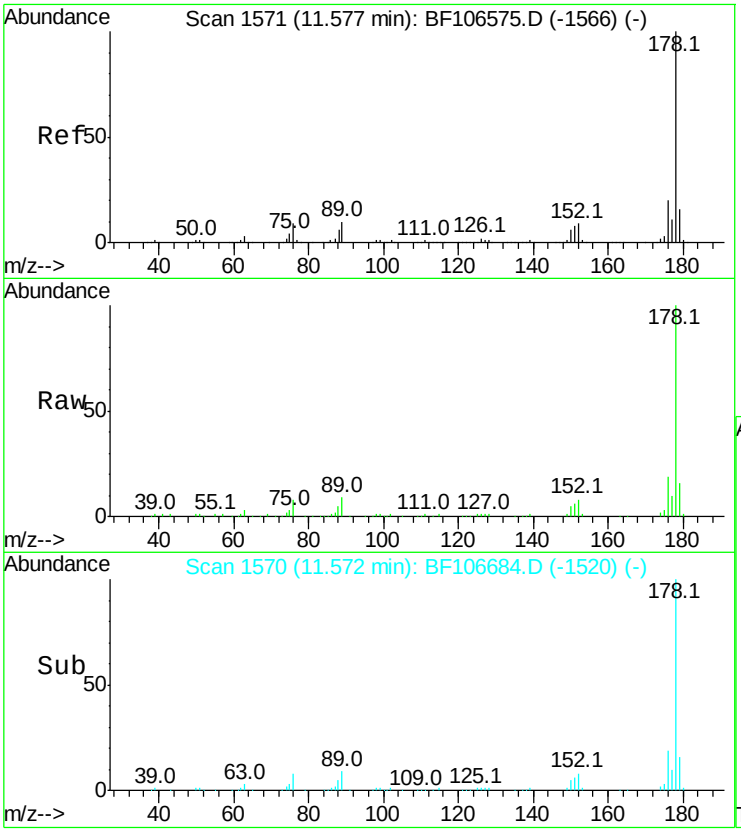


#70
Phenanthrene
Concen: 21.023 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:178 Resp: 195521

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.5	13.0	19.6



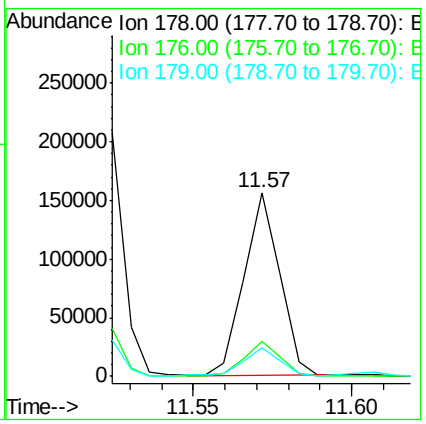


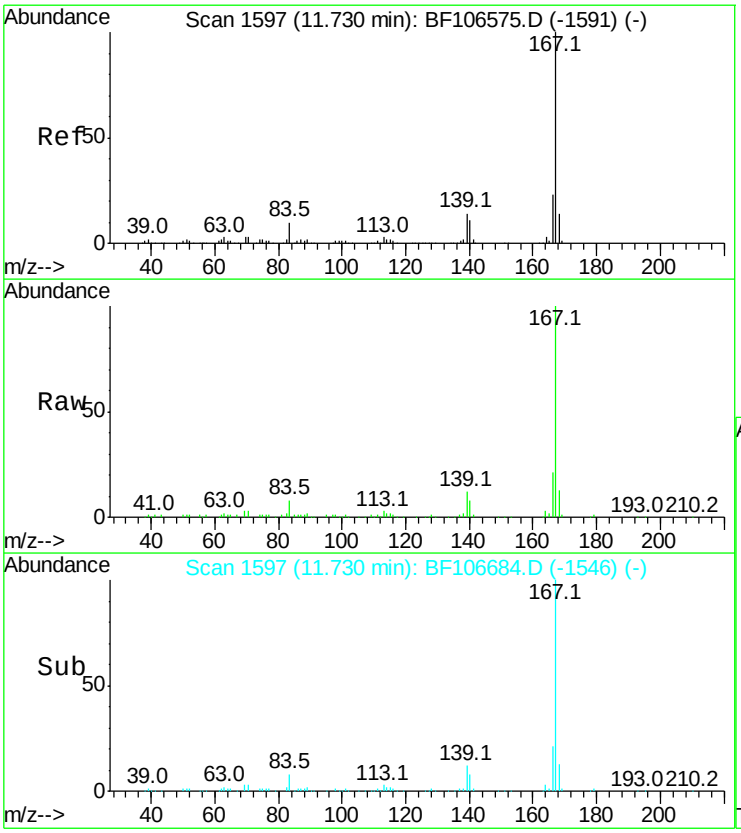
#71
Anthracene
Concen: 12.876 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:178 Resp: 122234

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.7	12.6	19.0

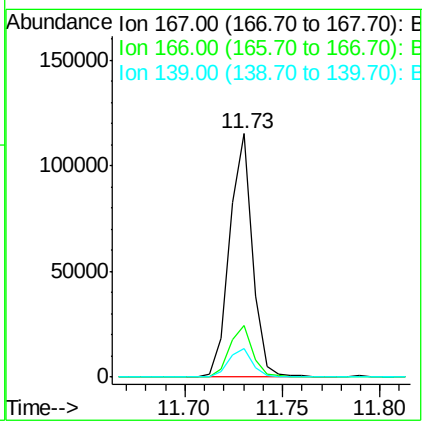


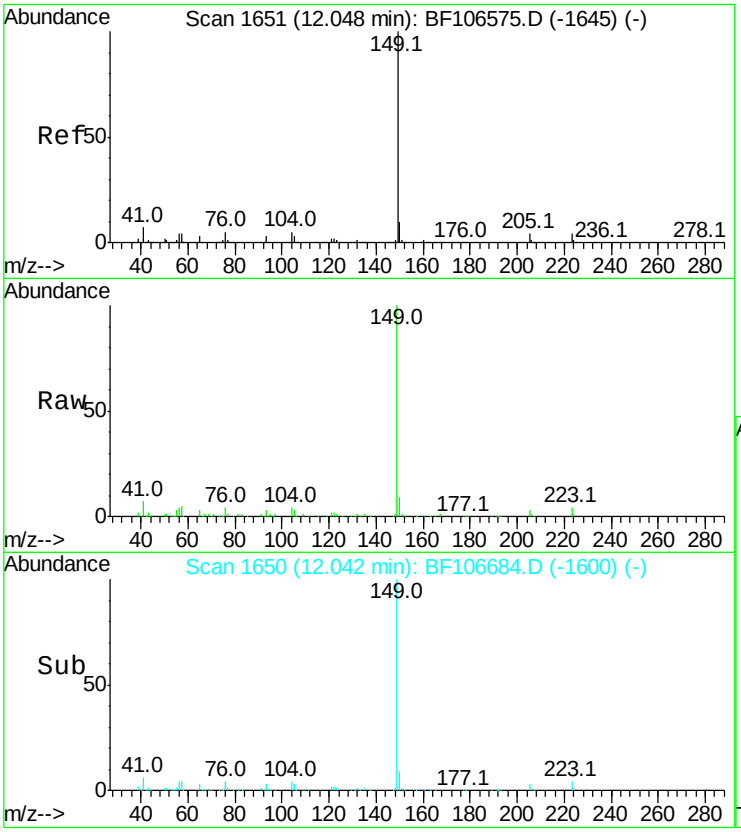


#72
Carbazole
Concen: 10.528 ng
RT: 11.73 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:167 Resp: 93572

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.6	26.4
139	11.5	10.9	16.3



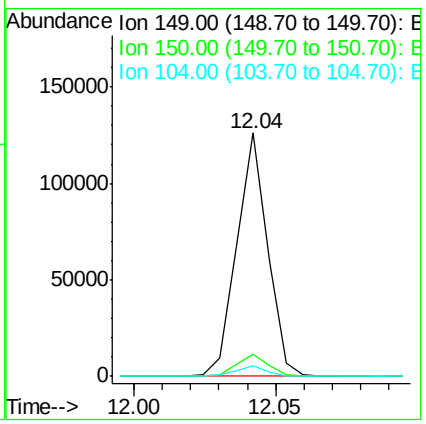


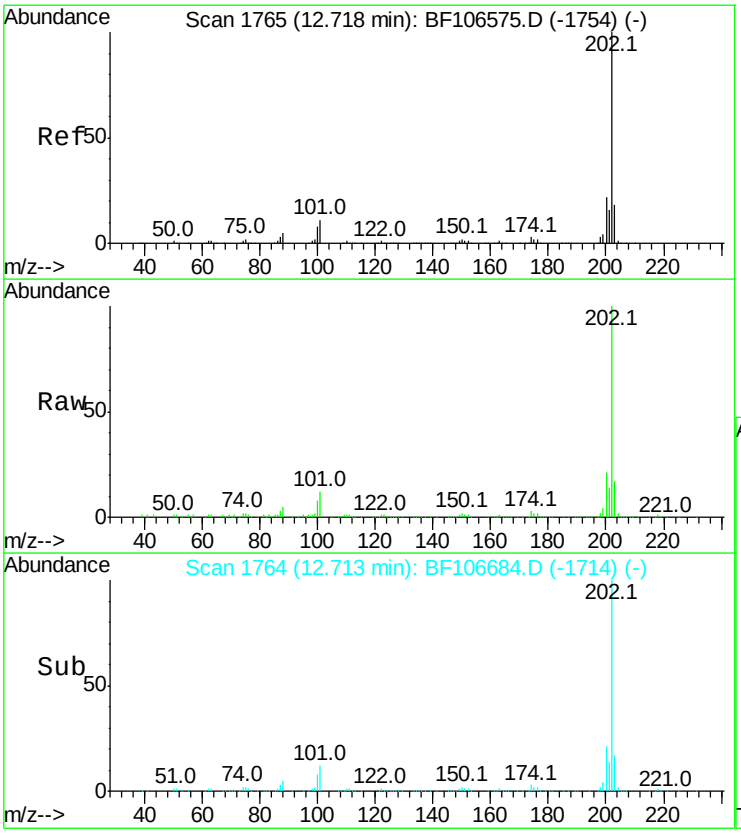
#73
Di-n-butylphthalate
Concen: 9.148 ng
RT: 12.04 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:149 Resp: 95781

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.2	3.8	5.8

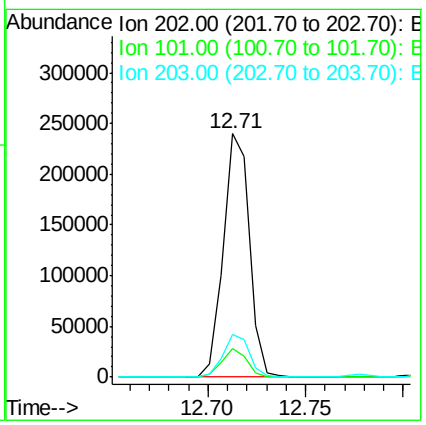


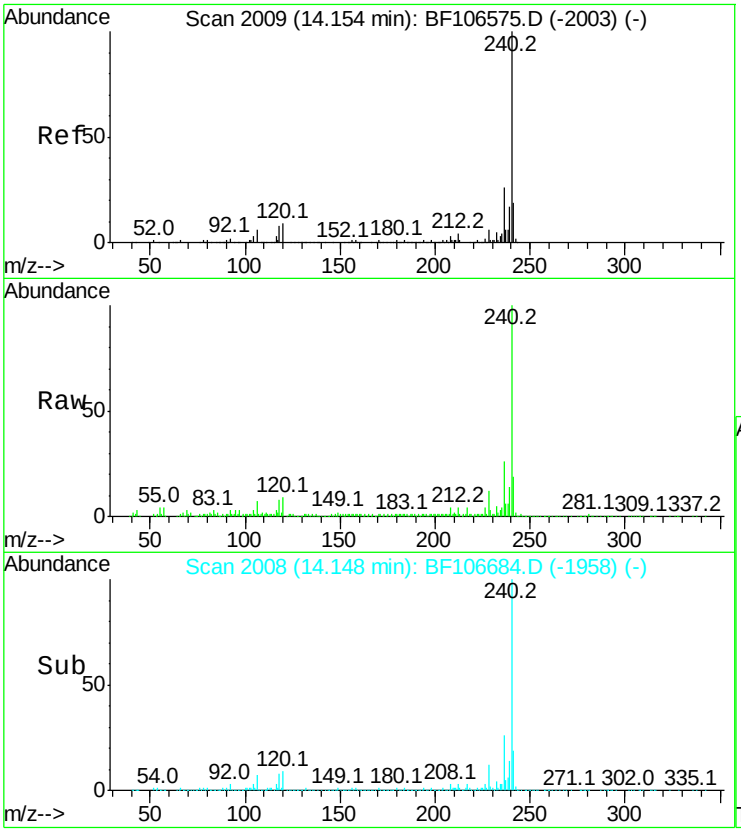


#74
Fluoranthene
Concen: 21.645 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:202 Resp: 221887

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.1
203	17.3	0.0	38.1



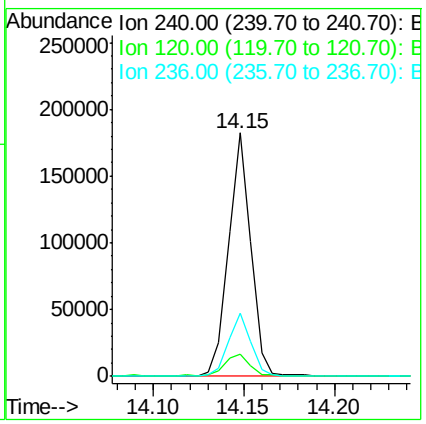


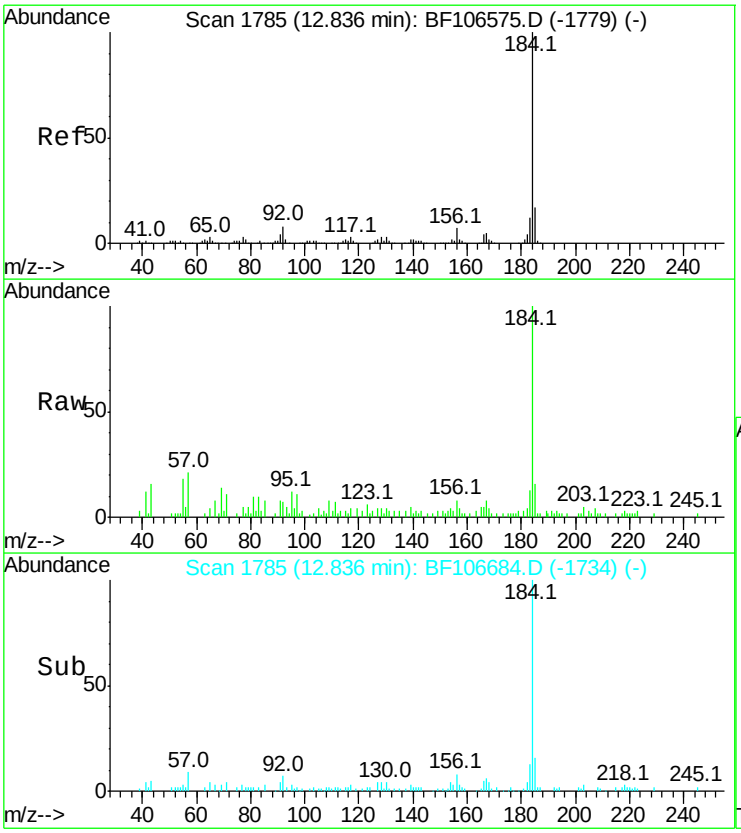
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:240 Resp: 155183

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	25.9	20.7	31.1

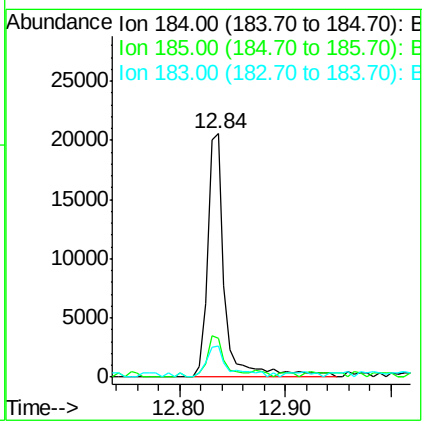


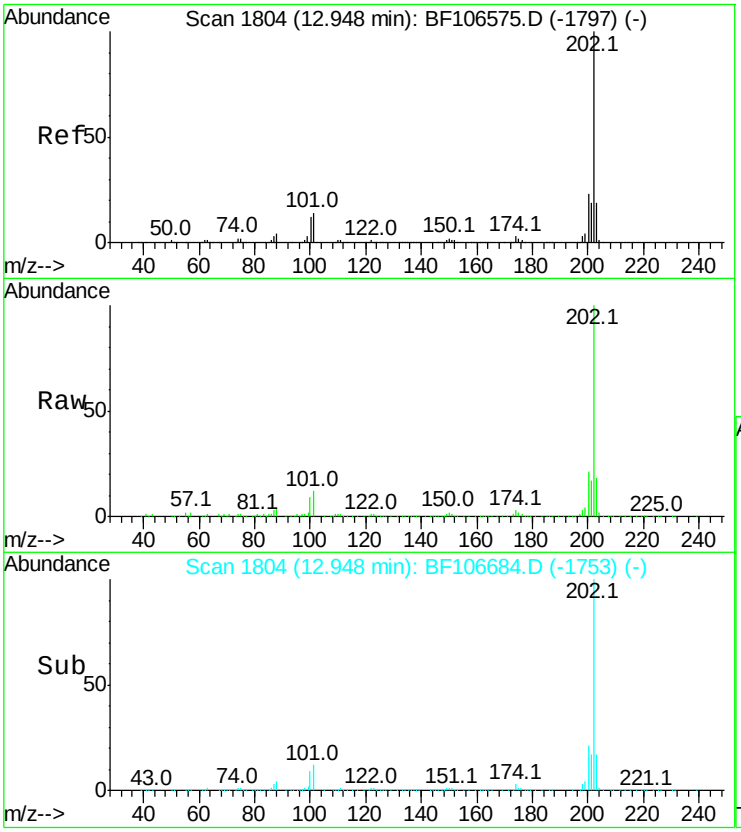


#76
Benzidine
Concen: 5.325 ng
RT: 12.84 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:184 Resp: 23534

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	12.6	9.3	13.9



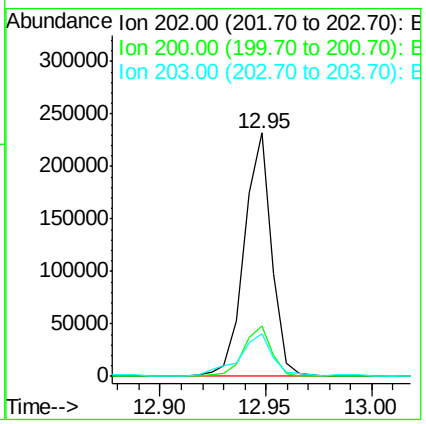


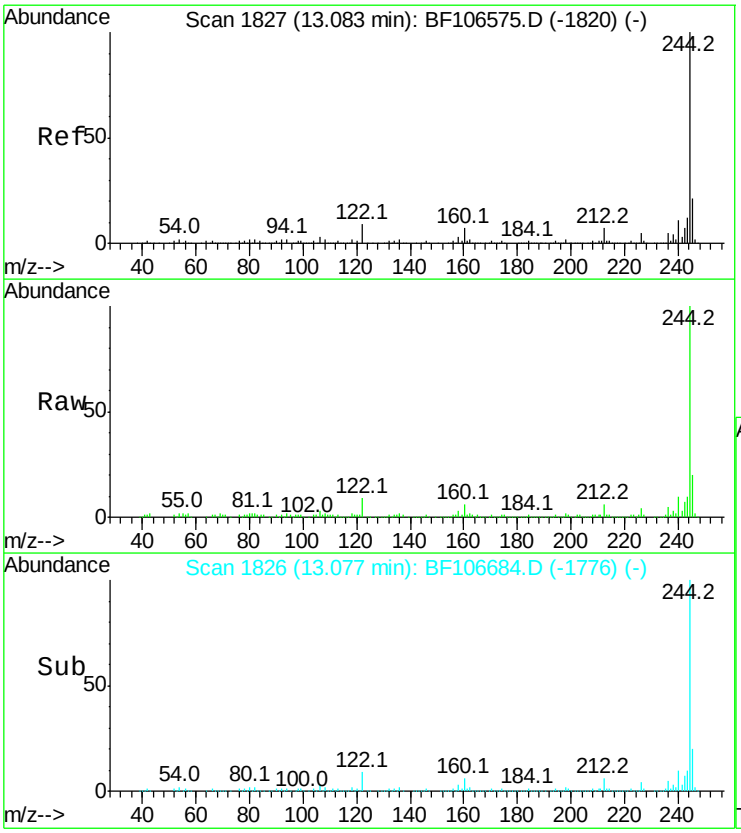
#77
Pyrene
Concen: 20.380 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:202 Resp: 208549

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.7	14.3	21.5

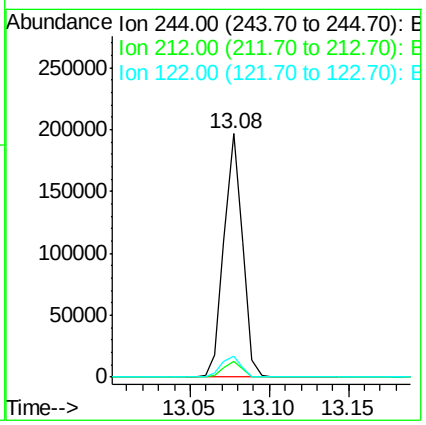


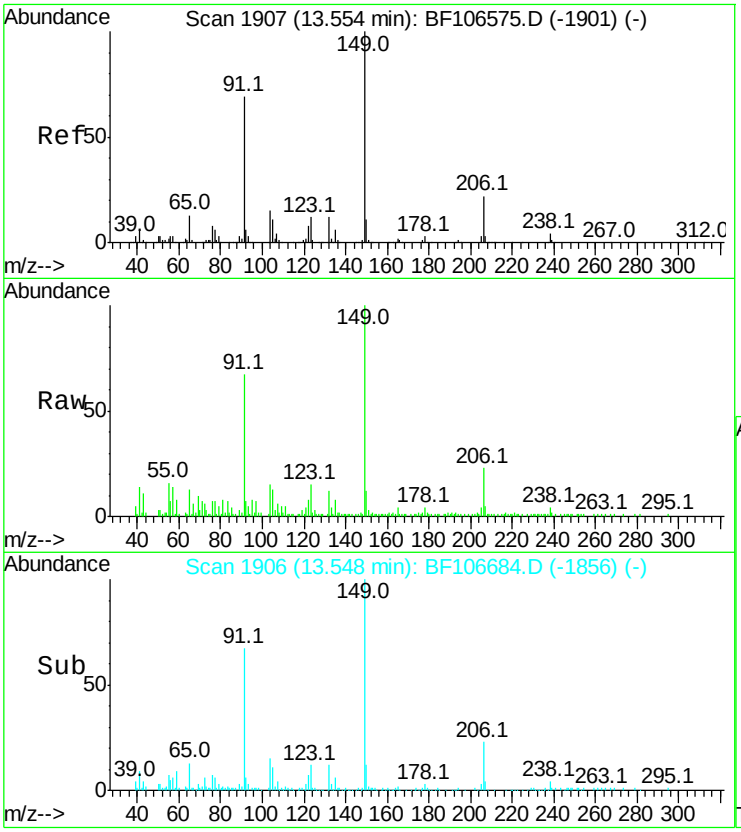


#78
Terphenyl-d14
Concen: 24.954 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:244 Resp: 159866

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	8.8	11.0	16.4#



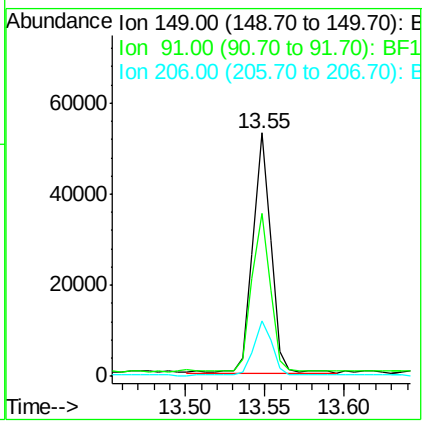


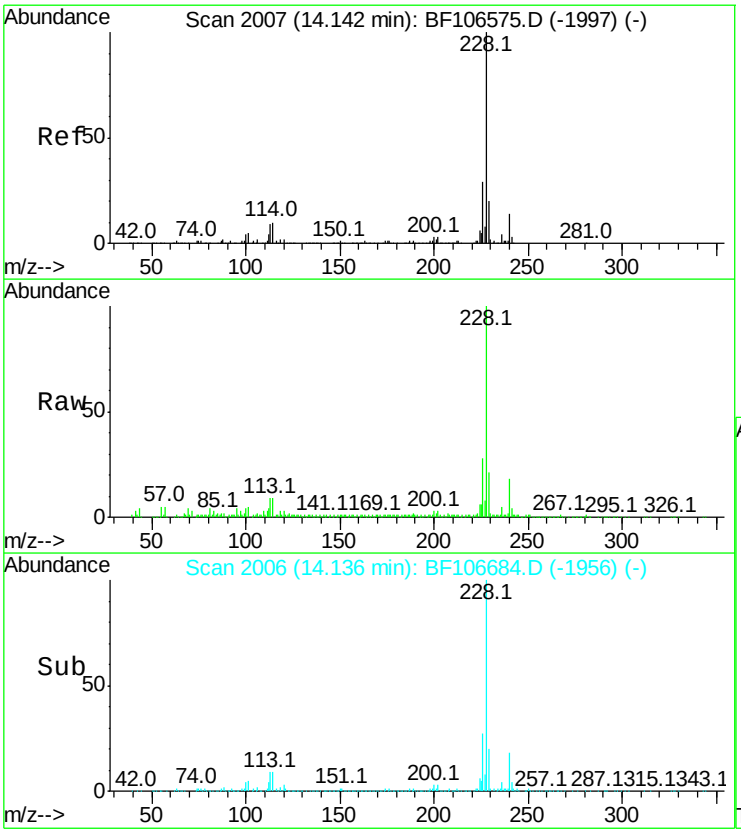
#79
Butylbenzylphthalate
Concen: 9.991 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:149 Resp: 42036

Ion	Ratio	Lower	Upper
149	100		
91	67.1	56.8	85.2
206	22.8	14.1	21.1#

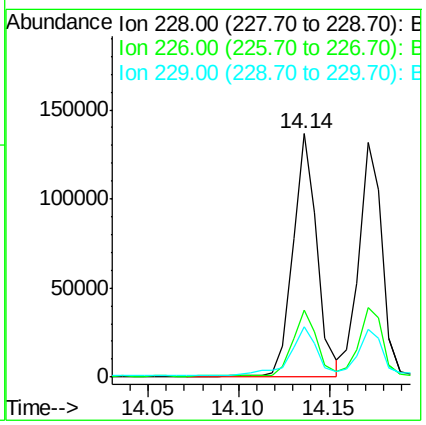


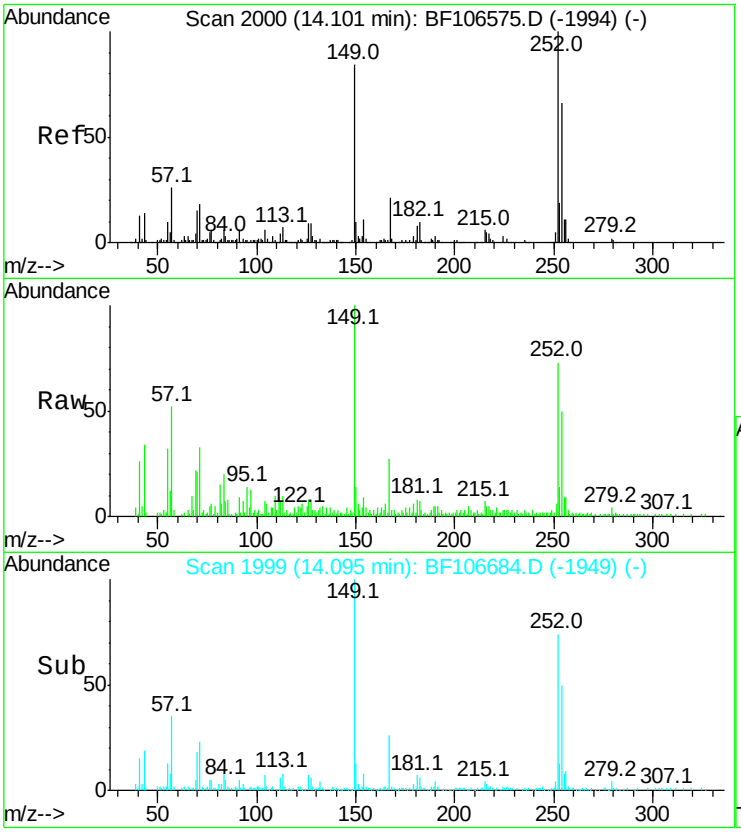


#80
Benzo(a)anthracene
Concen: 13.307 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:228 Resp: 125857

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.6	15.8	23.6



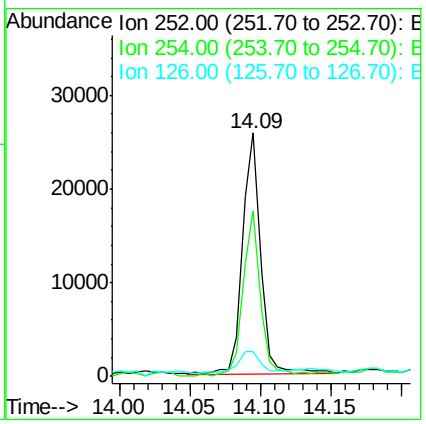


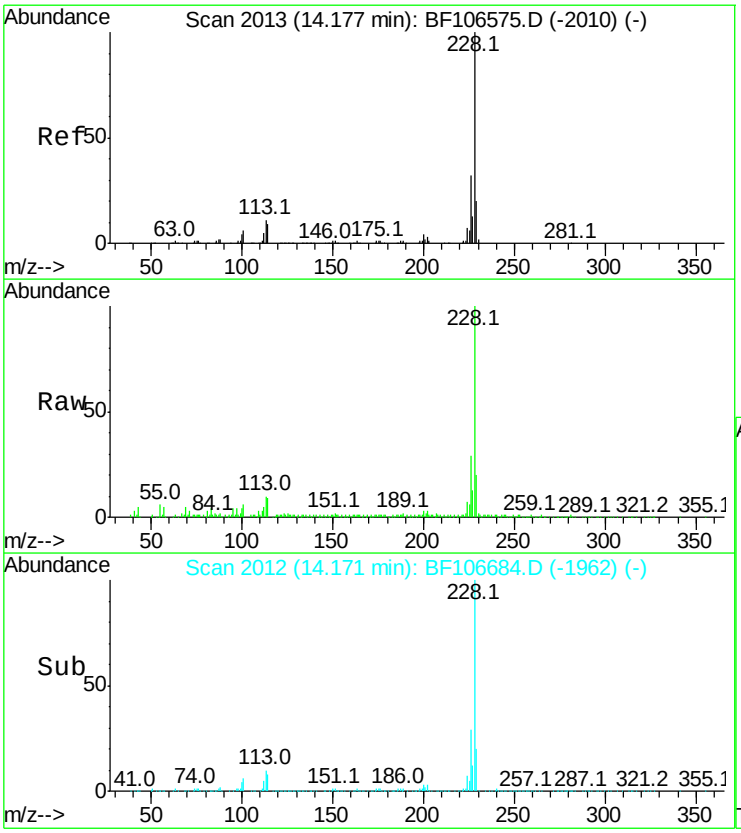
#81
3,3'-Dichlorobenzidine
Concen: 7.032 ng
RT: 14.09 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:252 Resp: 23375

Ion	Ratio	Lower	Upper
252	100		
254	68.1	50.4	75.6
126	10.2	11.3	16.9#

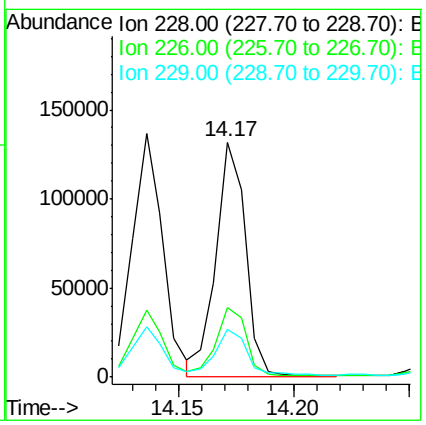


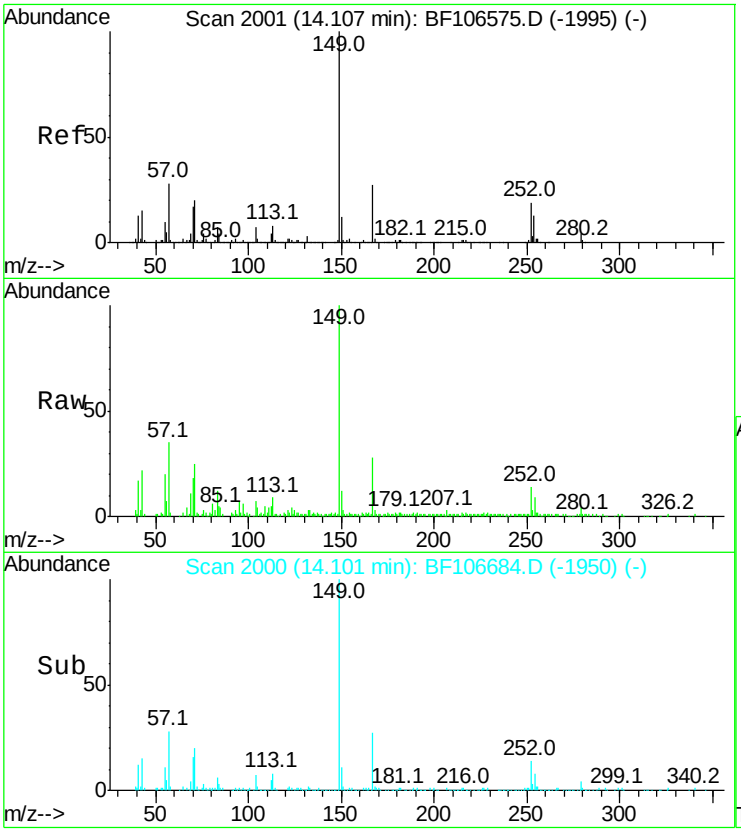


#82
Chrysene
Concen: 13.356 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:228 Resp: 116215

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	20.3	16.2	24.4



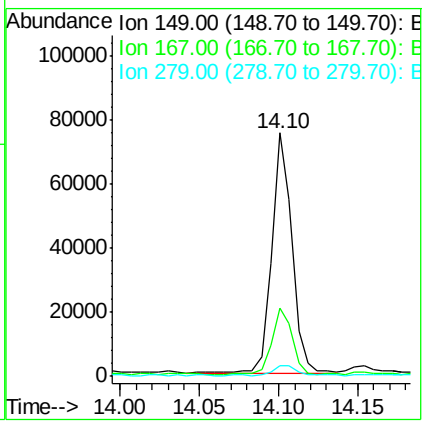


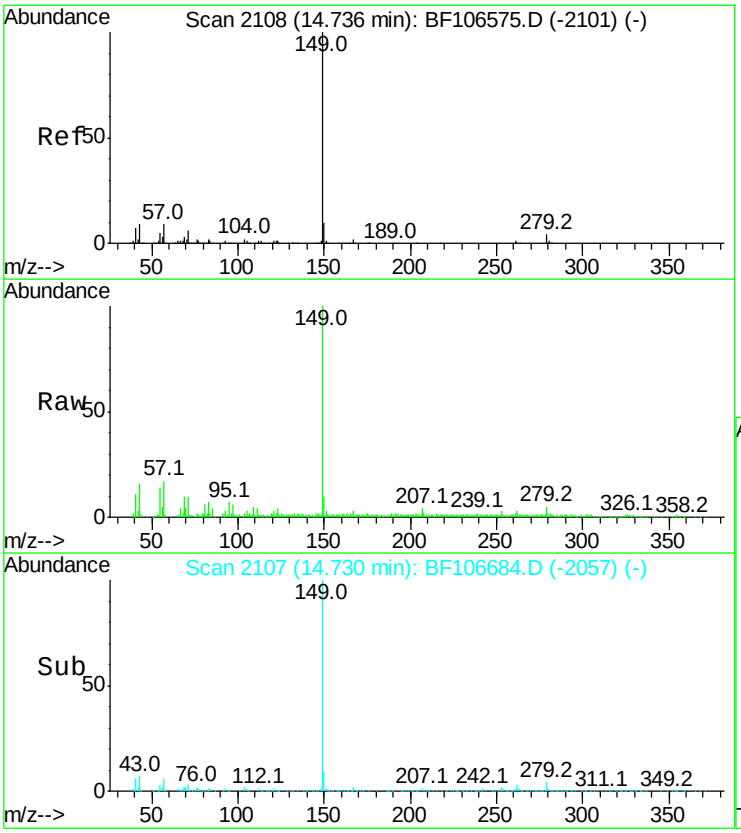
#83
Bis(2-ethylhexyl)phthalate
Concen: 12.332 ng
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:149 Resp: 66335

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.3	31.9
279	4.4	3.0	4.4

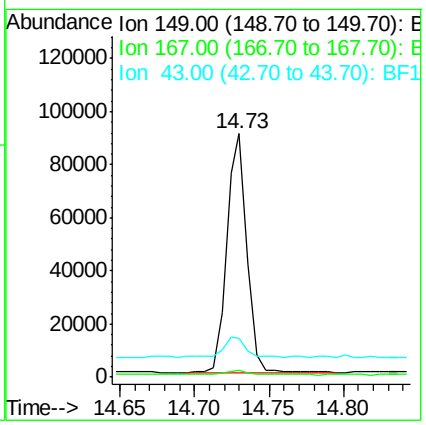


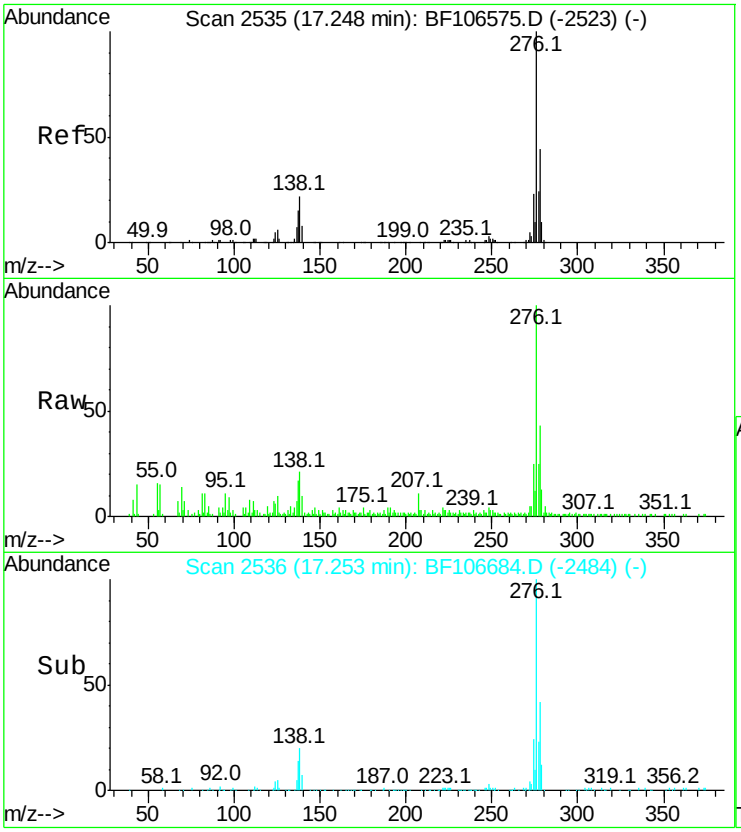


#84
Di-n-octyl phthalate
Concen: 9.809 ng
RT: 14.73 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:149 Resp: 86003

Ion	Ratio	Lower	Upper
149	100		
167	2.2	1.2	1.8#
43	11.2	8.4	12.6



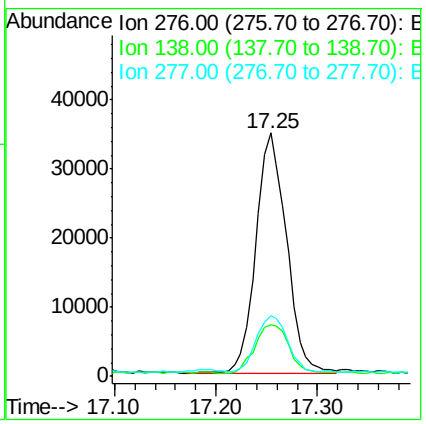


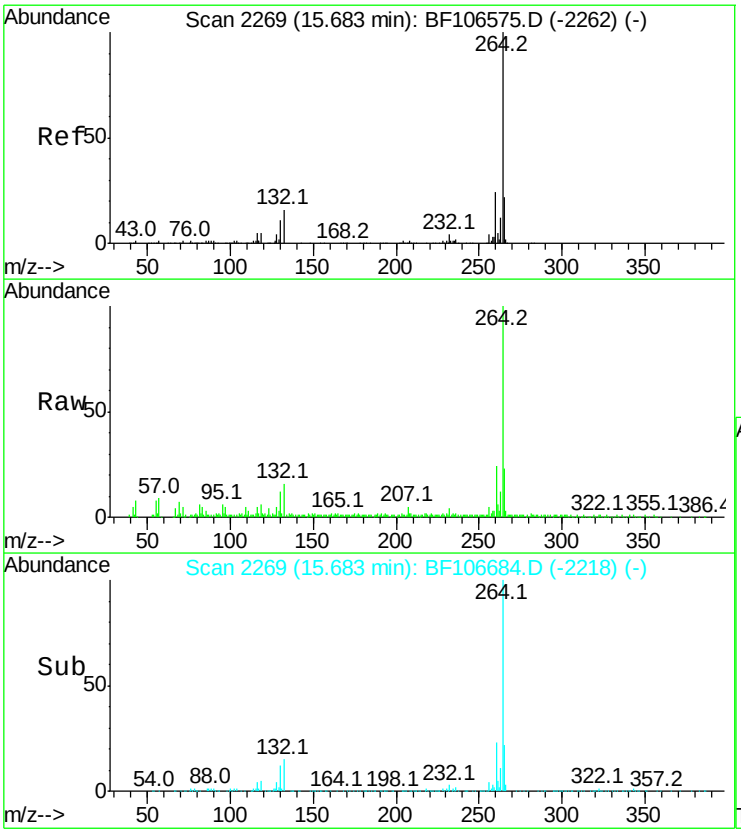
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.862 ng
RT: 17.25 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:276 Resp: 72819

Ion	Ratio	Lower	Upper
276	100		
138	22.6	25.0	37.6#
277	24.2	20.1	30.1

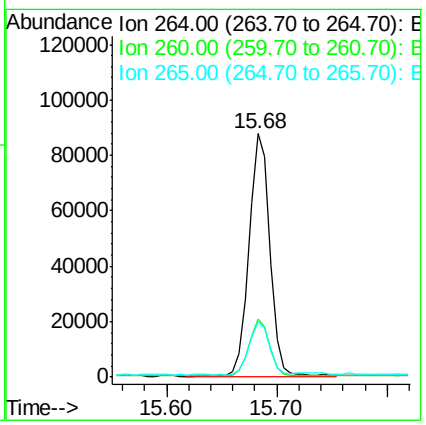


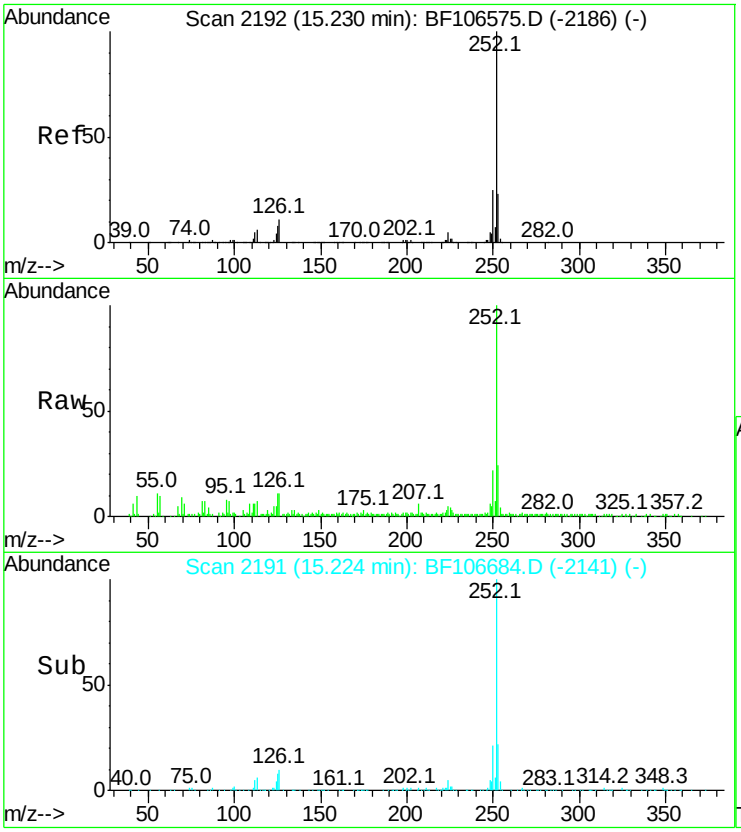


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:264 Resp: 115851

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.8	17.5	26.3



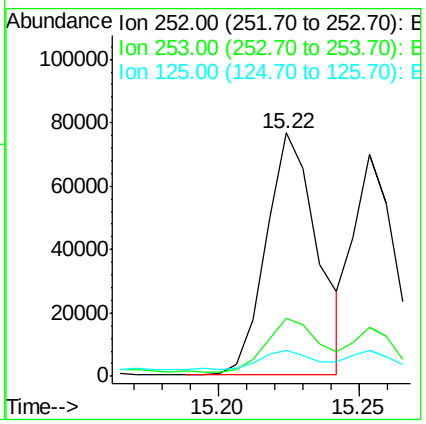


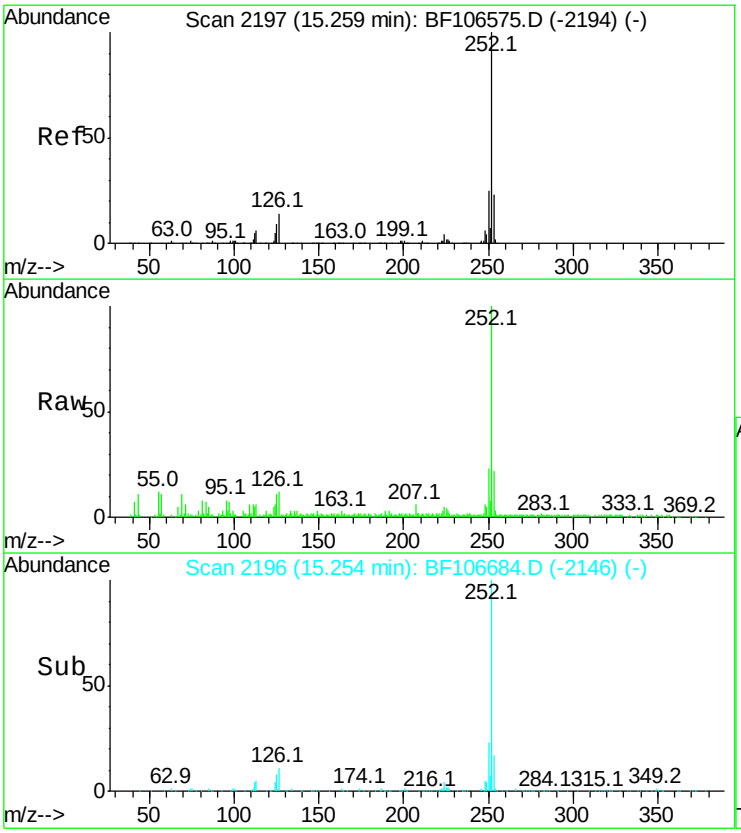
#87
Benzo(b)fluoranthene
Concen: 13.428 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:252 Resp: 96638

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	10.9	9.0	13.6

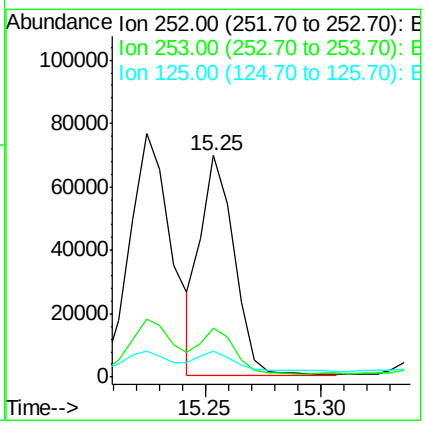


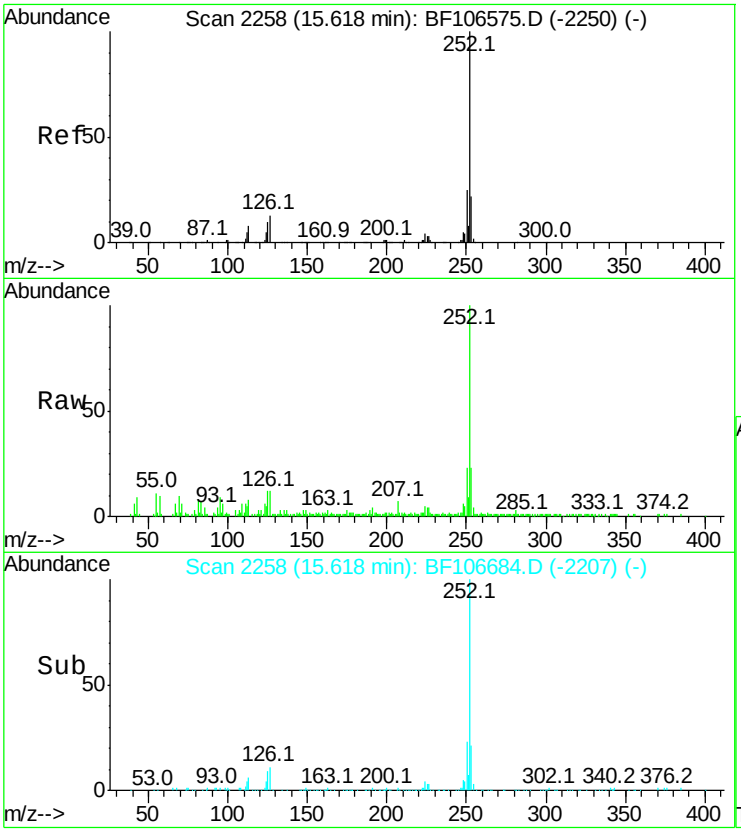


#88
Benzo(k)fluoranthene
Concen: 10.249 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:252 Resp: 70240

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.5	10.2	15.2



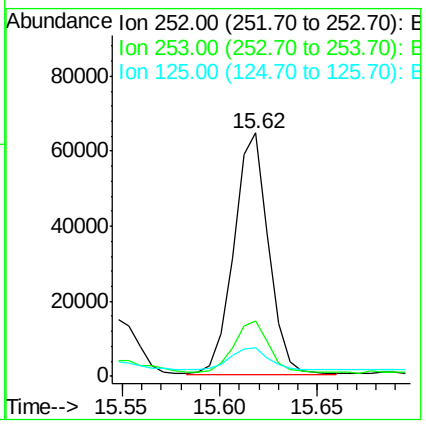


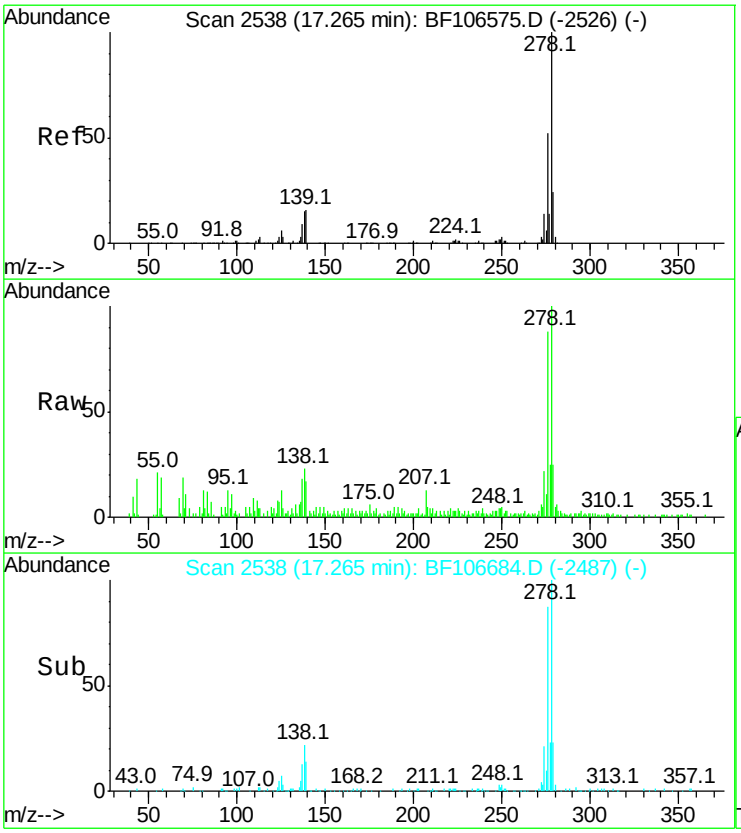
#89
Benzo(a)pyrene
Concen: 12.361 ng
RT: 15.62 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:252 Resp: 79084

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	11.6	9.8	14.6

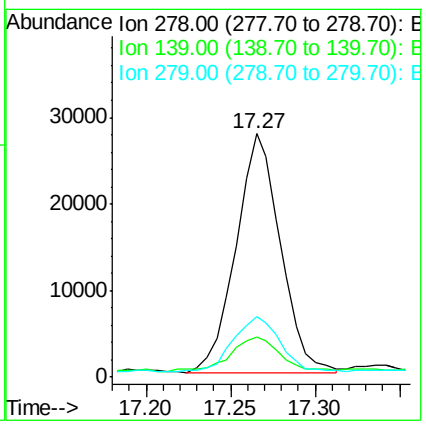


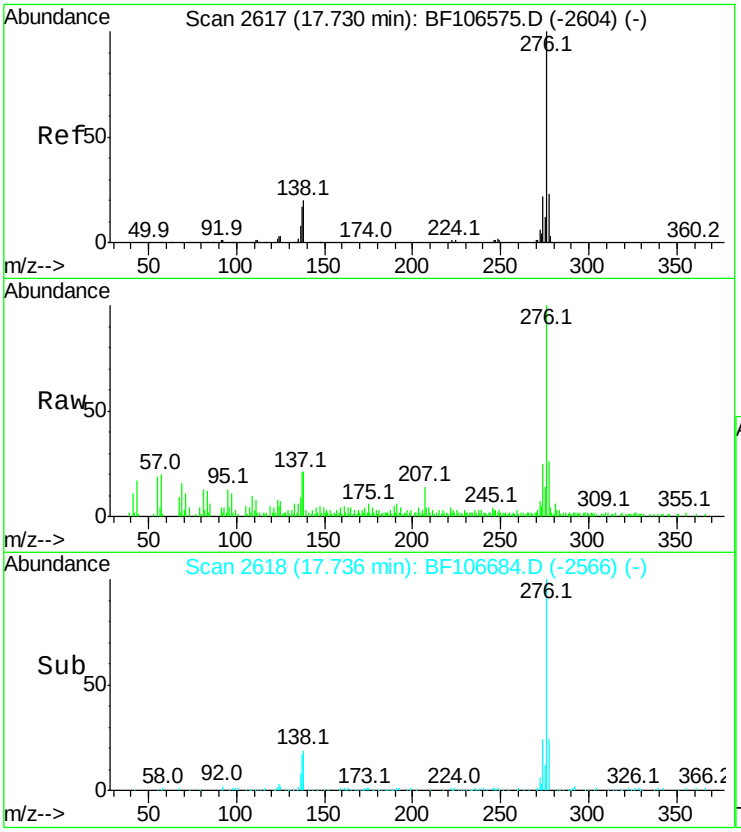


#90
Dibenzo(a,h)anthracene
Concen: 9.386 ng
RT: 17.27 min Scan# 2538
Delta R.T. 0.00 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Tgt Ion:278 Resp: 50892

Ion	Ratio	Lower	Upper
278	100		
139	16.6	15.9	23.9
279	24.8	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 11.740 ng
RT: 17.74 min Scan# 2618
Delta R.T. 0.01 min
Lab File: BF106684.D
Acq: 22 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
AREA1(S)MSD

Tgt Ion:276 Resp: 62215

Ion	Ratio	Lower	Upper
276	100		
277	25.9	17.9	26.9
138	20.9	21.8	32.8#