Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102759.D
Acq On : 6 Feb 2018 1:44
Operator : SJ/JU
Sample : J1447-01MSD 20X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 06 02:38:47 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	211259	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	883507	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	380037	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	588888	20.00	ng		0.00
75) Chrysene-d12	14.05	240	339362	20.00	ng		0.00
86) Perylene-d12	15.53	264	350599	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	106343	7.64	ng		-0.01
7) Phenol-d6	6.49	99	127733	7.63	ng		-0.01
23) Nitrobenzene-d5	7.43	82	70680	5.55	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	21129	6.91	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	113817	4.97	ng		-0.01
78) Terphenyl-d14	12.99	244	77149	5.38	ng		-0.01
Target Compounds							Qvalue
3) Pyridine	3.48	79	43814	2.308	ng		93
4) n-Nitrosodimethylamine	3.38	42	18572	2.287	ng	#	94
8) 2-Chlorophenol	6.66	128	36754	2.566	ng		95
10) Phenol	6.50	94	50485	2.812	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	37134	2.486	ng		93
12) 1,3-Dichlorobenzene	6.82	146	37723	2.275	ng		94
13) 1,4-Dichlorobenzene	6.90	146	38334	2.320	ng		97
14) 1,2-Dichlorobenzene	7.05	146	36724	2.387	ng		97
15) Benzyl Alcohol	7.01	79	32242	2.504	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	65493	2.308	ng		98
17) 2-Methylphenol	7.12	107	30940	2.342	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	25719	2.329	ng	#	88
20) 3+4-Methylphenols	7.27	107	43417	2.665	ng		98
22) Acetophenone	7.28	105	56697	2.622	ng		97
24) Nitrobenzene	7.45	77	38349	2.491	ng		93
25) Isophorone	7.69	82	70383	2.400	ng		98
26) 2-Nitrophenol	7.77	139	13681	10.488	ng		96
27) 2,4-Dimethylphenol	7.80	122	33830	2.730	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	46201	2.659	ng	#	94
29) 2,4-Dichlorophenol	8.01	162	27337	2.427	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	28366	2.226	ng		98
31) Naphthalene	8.19	128	1138704	26.379	ng		99
32) Benzoic acid	7.85	122	5193	9.117	ng		92
34) Hexachlorobutadiene	8.30	225	14528	2.225	ng		98
35) Caprolactam	8.55	113	8350	2.135	ng	#	87
36) 4-Chloro-3-methylphenol	8.70	107	30633	2.421	ng		99
37) 2-Methylnaphthalene	8.87	142	194358	6.877	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	25773	2.491	ng		99
42) 2,4,6-Trichlorophenol	9.15	196	17517	2.577	ng		94
43) 2,4,5-Trichlorophenol	9.18	196	17846	2.330	ng		95
45) 1,1'-Biphenyl	9.33	154	134364	4.198	ng		97
46) 2-Chloronaphthalene	9.36	162	61152	2.427	ng		95
47) 2-Nitroaniline	9.45	65	19690	5.821	ng		86
48) Acenaphthylene	9.78	152	331755	8.476	ng		99

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Misc :
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Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 06 02:38:47 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
49) Dimethylphthalate	9.63	163	80624	2.721 ng		99
50) 2,6-Dinitrotoluene	9.69	165	12261	2.175 ng	#	85
51) Acenaphthene	9.95	154	73655	3.147 ng		93
53) 2,4-Dinitrophenol	9.96	184	220	8.141 ng	#	1
54) Dibenzofuran	10.12	168	320168	9.706 ng		99
55) 4-Nitrophenol	10.01	139	20908	7.507 ng		92
56) 2,4-Dinitrotoluene	10.09	165	15788	5.030 ng	#	85
57) Fluorene	10.46	166	307234	12.801 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	12594	2.372 ng	#	73
59) Diethylphthalate	10.33	149	72121	2.465 ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	27803	2.619 ng		97
61) 4-Nitroaniline	10.47	138	17629	2.670 ng	#	77
62) Azobenzene	10.62	77	65894	2.254 ng	#	77
64) 4,6-Dinitro-2-methylphenol	10.50	198	668	9.044 ng	#	24
65) n-Nitrosodiphenylamine	10.57	169	62006	2.985 ng		94
66) 4-Bromophenyl-phenylether	10.95	248	15856	2.545 ng		95
67) Hexachlorobenzene	11.01	284	15481	2.253 ng		98
68) Atrazine	11.09	200	16688	2.723 ng		92
69) Pentachlorophenol	11.20	266	12398	3.073 ng		99
70) Phenanthrene	11.43	178	1777765	54.205 ng		99
71) Anthracene	11.48	178	718378	21.536 ng		99
72) Carbazole	11.63	167	294907	9.024 ng		99
73) Di-n-butylphthalate	11.96	149	108474	2.732 ng		99
74) Fluoranthene	12.63	202	1990056	60.309 ng		99
77) Pyrene	12.86	202	1608062	60.428 ng		100
79) Butylbenzylphthalate	13.46	149	34464	3.674 ng		96
80) Benzo(a)anthracene	14.07	228	657723	30.817 ng		95
81) 3,3'-Dichlorobenzidine	14.00	252	16111	2.036 ng		99
82) Chrysene	14.07	228	657723	30.571 ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	52520	3.222 ng		100
84) Di-n-octyl phthalate	14.63	149	93997	3.840 ng	#	99
85) Indeno(1,2,3-cd)pyrene	17.01	276	338960	18.996 ng		96
87) Benzo(b)fluoranthene	15.09	252	1191913	52.436 ng	#	95
88) Benzo(k)fluoranthene	15.09	252	1191913	54.879 ng		98
89) Benzo(a)pyrene	15.46	252	601801	29.413 ng		97
90) Dibenzo(a,h)anthracene	17.19	278	62189	3.745 ng		95
91) Benzo(g,h,i)perylene	17.46	276	278779	17.151 ng		98

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

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Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
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Sample : J1447-01MSD 20X
Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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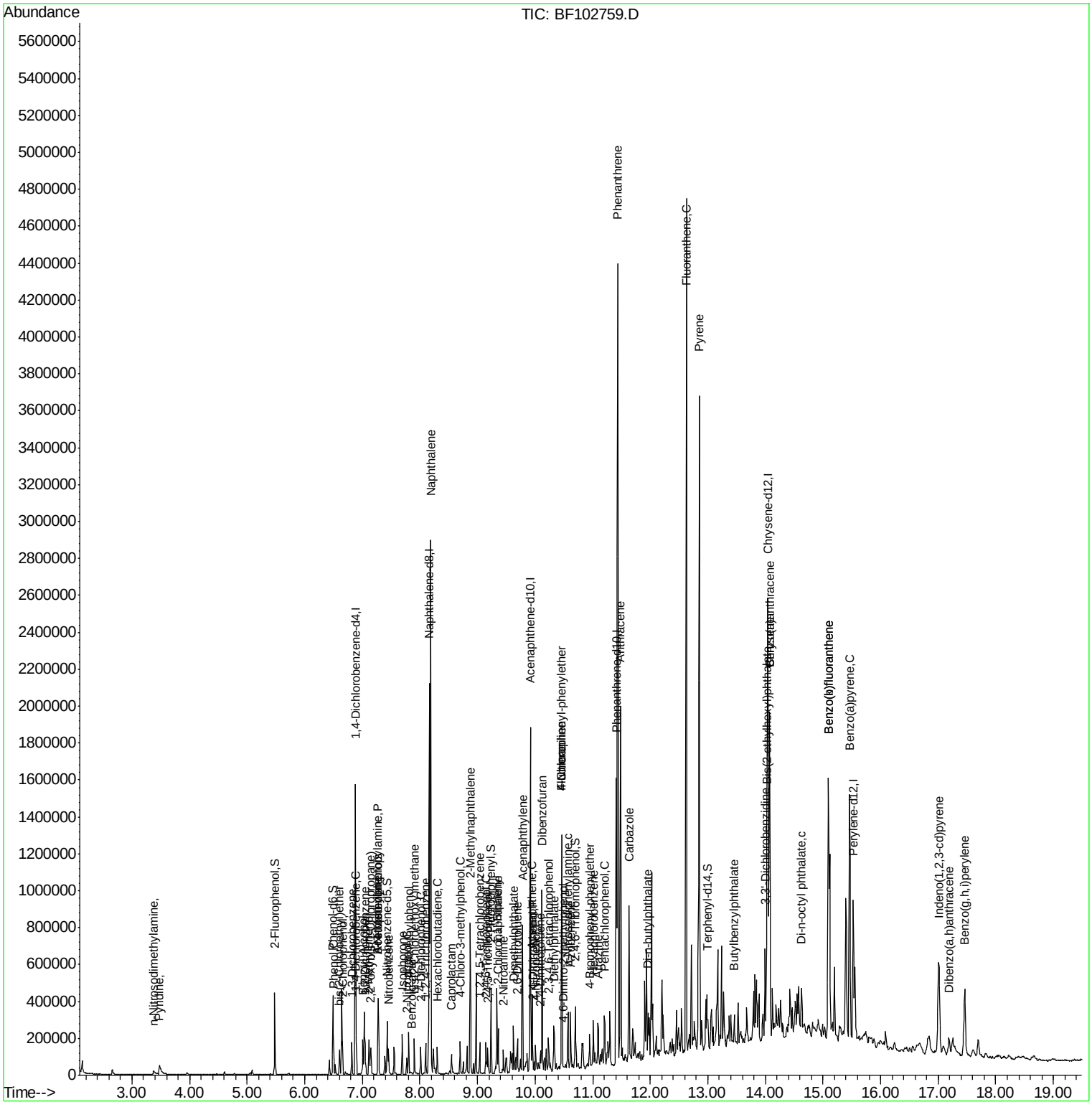
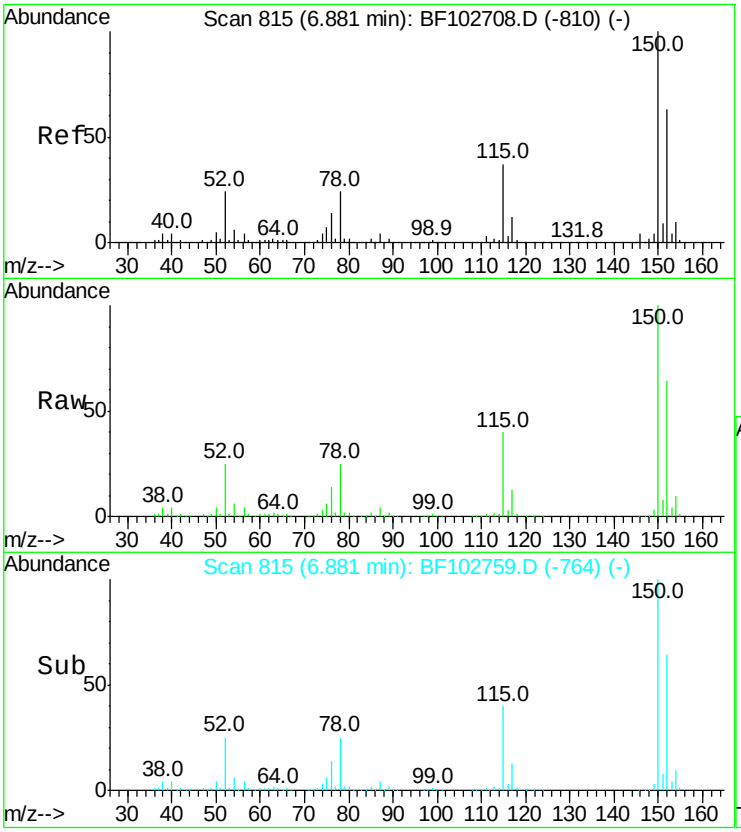


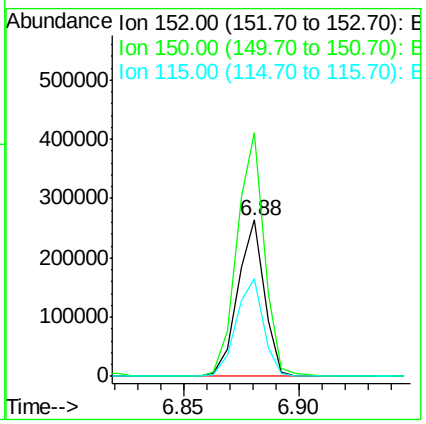


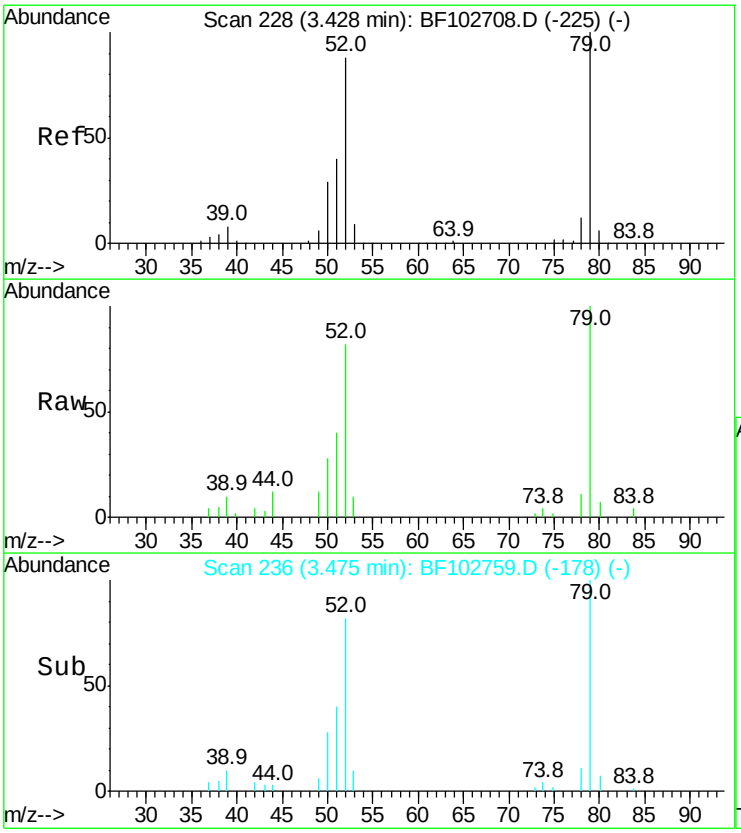
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 211259

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	62.3	50.1	75.1

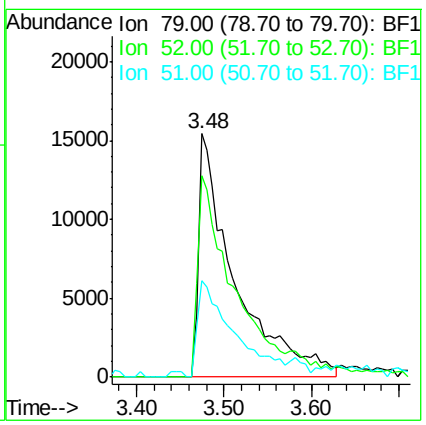


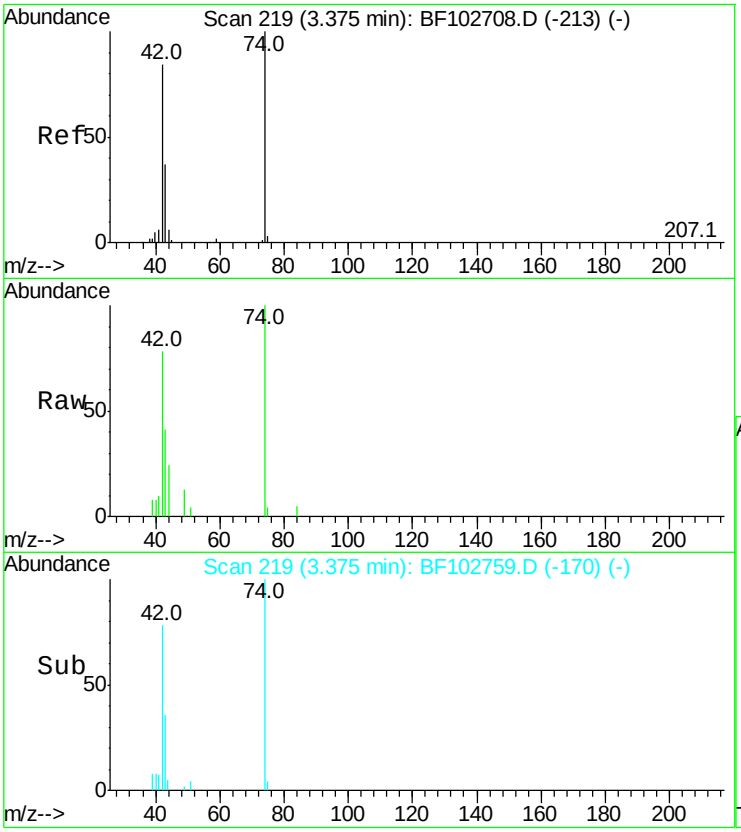


#3
Pyridine
Concen: 2.308 ng
RT: 3.48 min Scan# 236
Delta R.T. 0.04 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion: 79 Resp: 43814

Ion	Ratio	Lower	Upper
79	100		
52	82.5	59.8	89.6
51	39.6	29.8	44.8



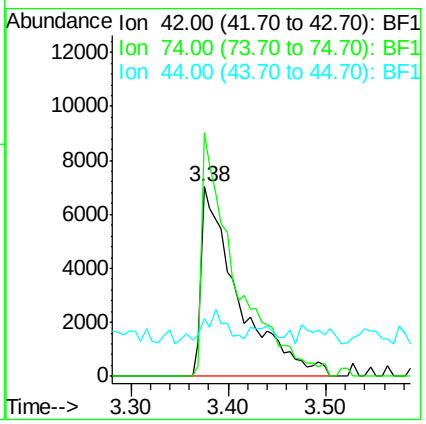


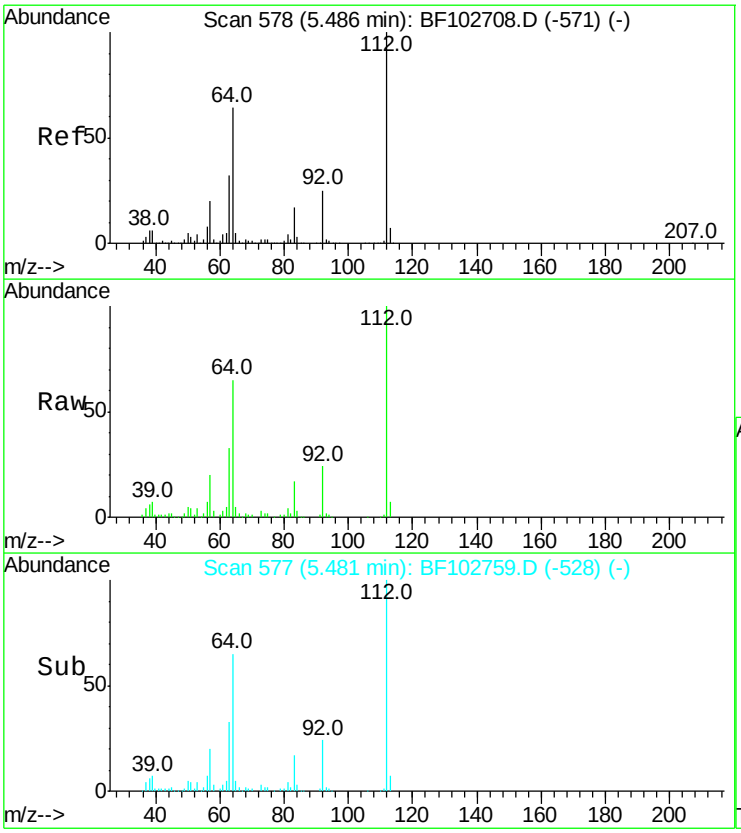
#4
n-Nitrosodimethylamine
Concen: 2.287 ng
RT: 3.38 min Scan# 219
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 42 Resp: 18572

Ion	Ratio	Lower	Upper
42	100		
74	128.5	104.9	157.3
44	30.3	6.9	10.3#

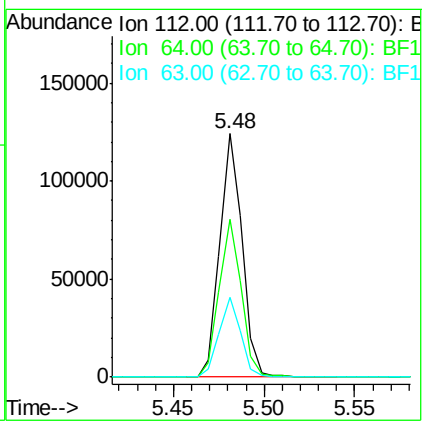


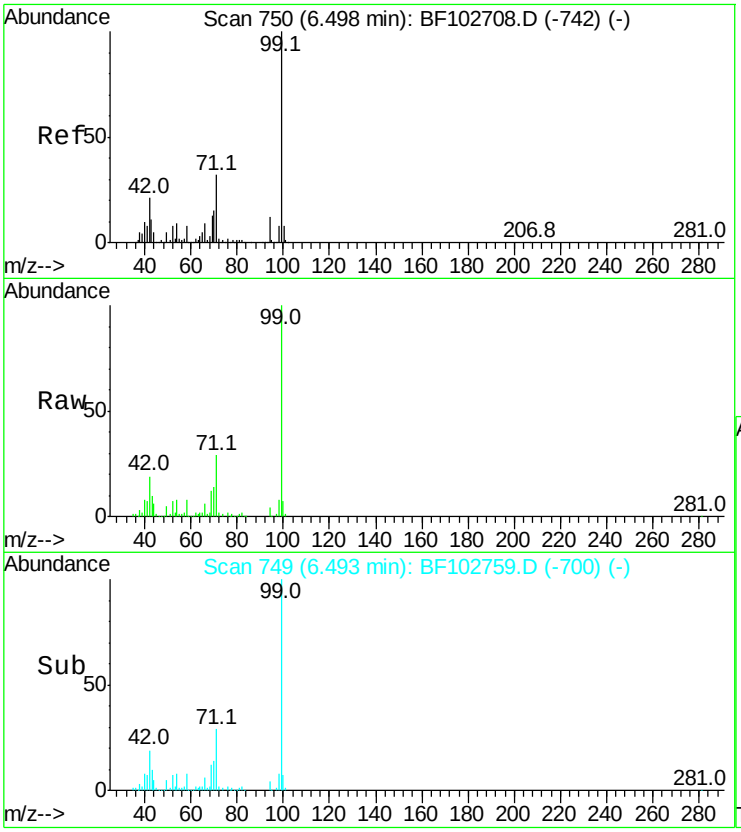


#5
2-Fluorophenol
Concen: 7.645 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:112 Resp: 106343

Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	32.9	23.7	35.5



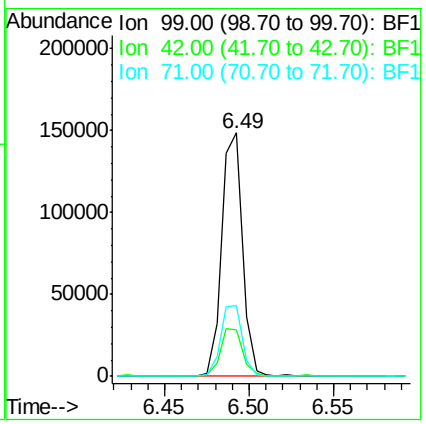


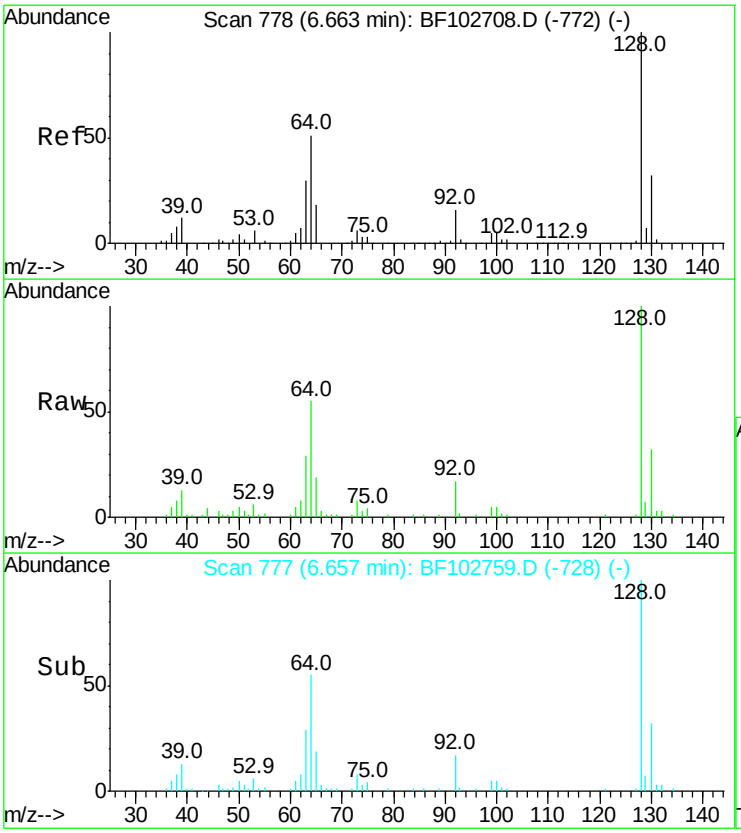
#7
Phenol-d6
Concen: 7.626 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 127733

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	29.2	25.4	38.0

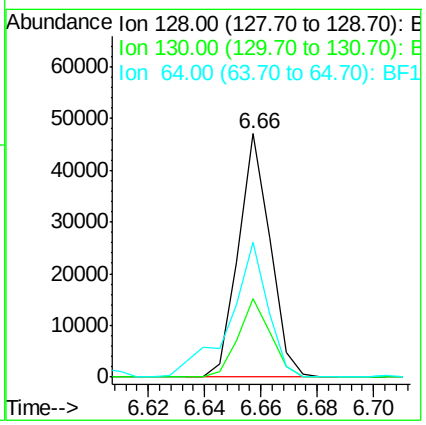


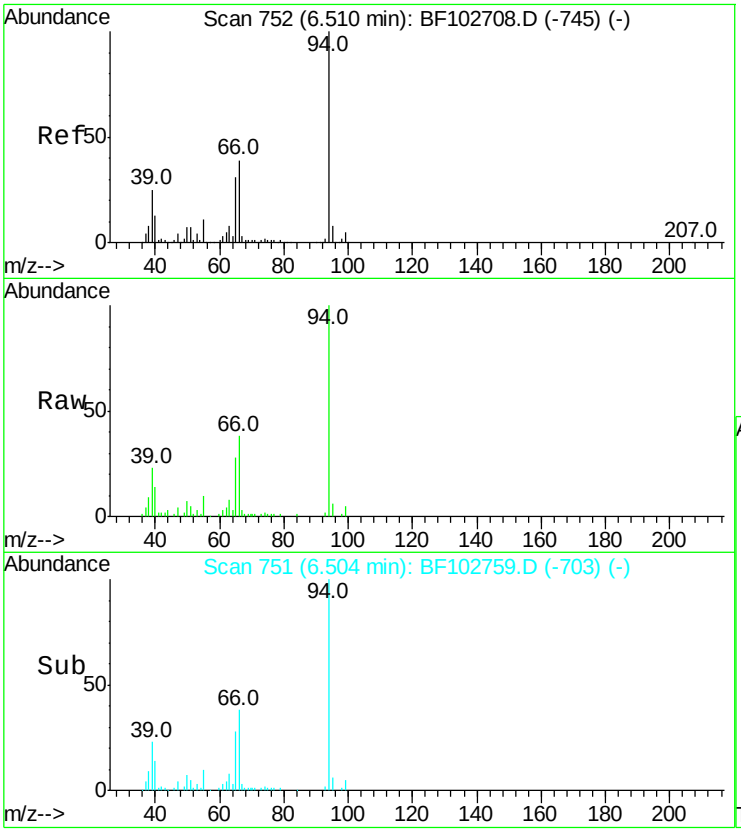


#8
2-Chlorophenol
Concen: 2.566 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:128 Resp: 36754

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.0	53.0
64	55.2	29.4	69.4



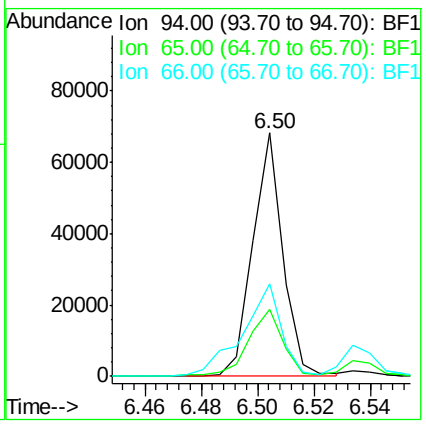


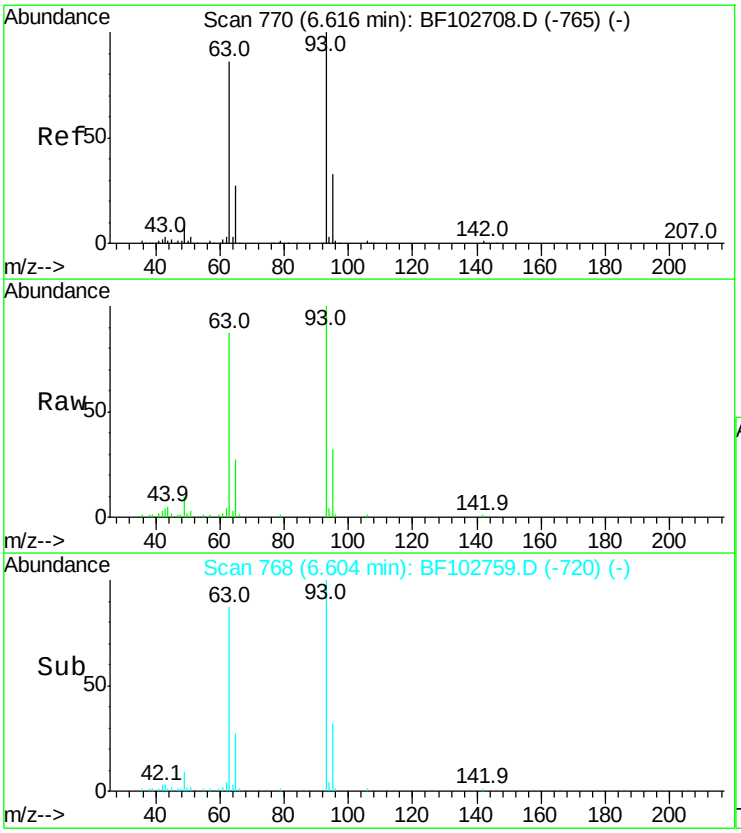
#10
Phenol
Concen: 2.812 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 50485

Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.9	47.9
66	38.2	16.2	56.2

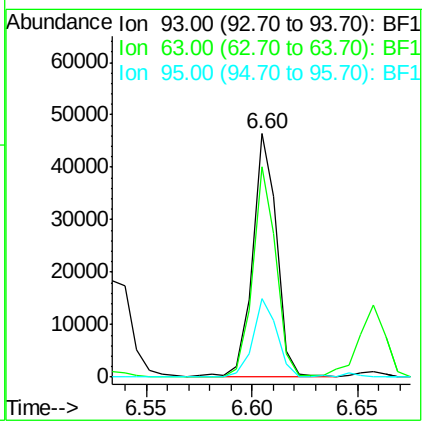


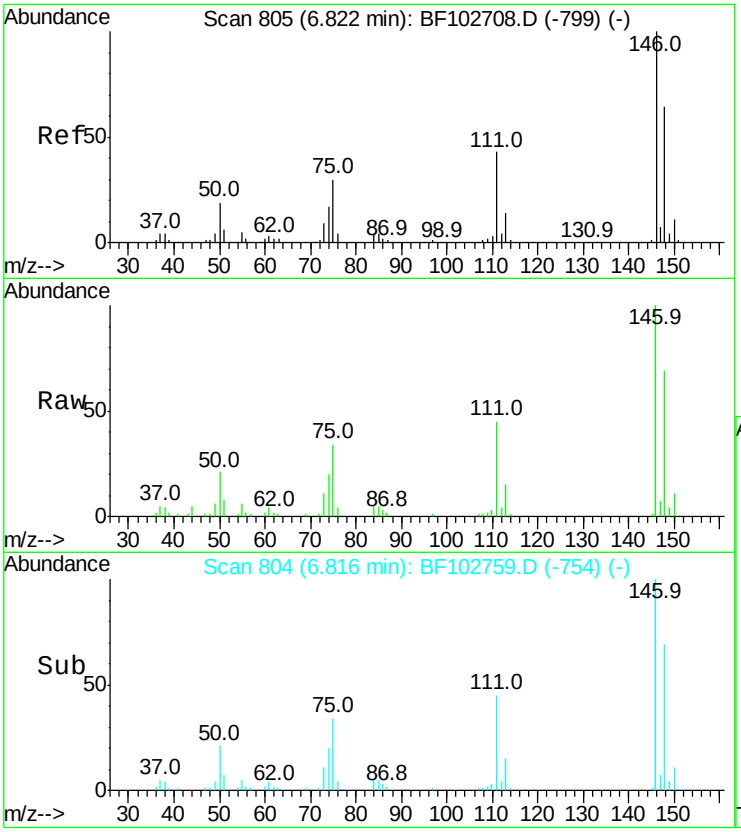


#11
bis(2-Chloroethyl)ether
Concen: 2.486 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion: 93 Resp: 37134

Ion	Ratio	Lower	Upper
93	100		
63	86.6	58.6	98.6
95	32.0	11.8	51.8



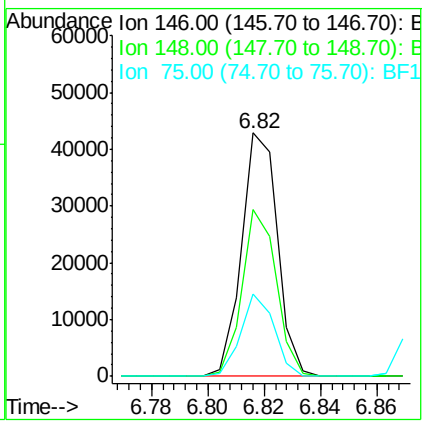


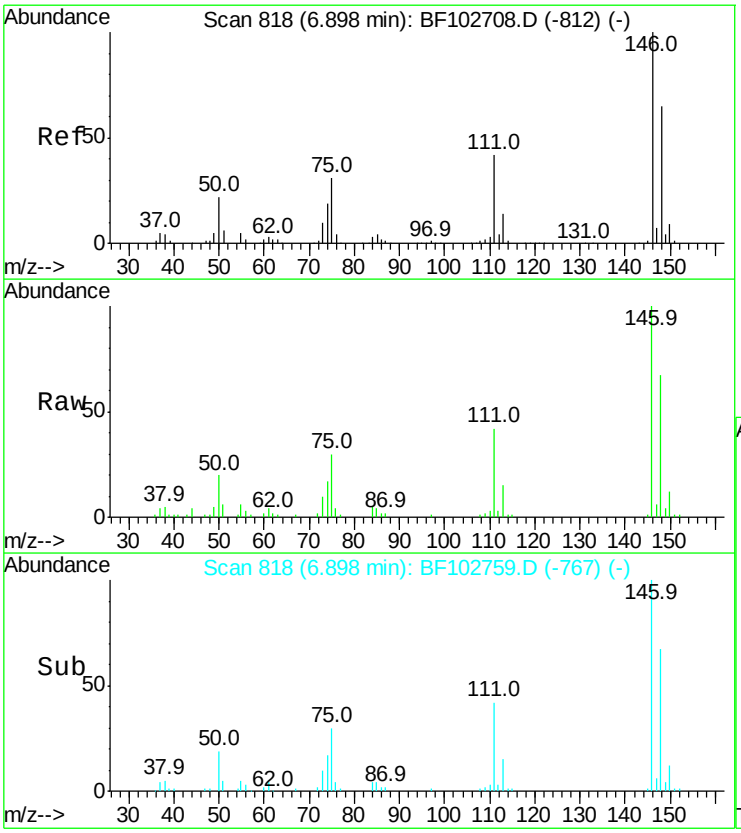
#12
1,3-Dichlorobenzene
Concen: 2.275 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 37723

Ion	Ratio	Lower	Upper
146	100		
148	68.6	51.8	77.8
75	34.0	24.2	36.4

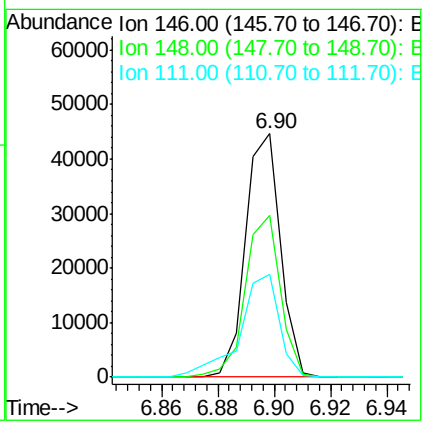


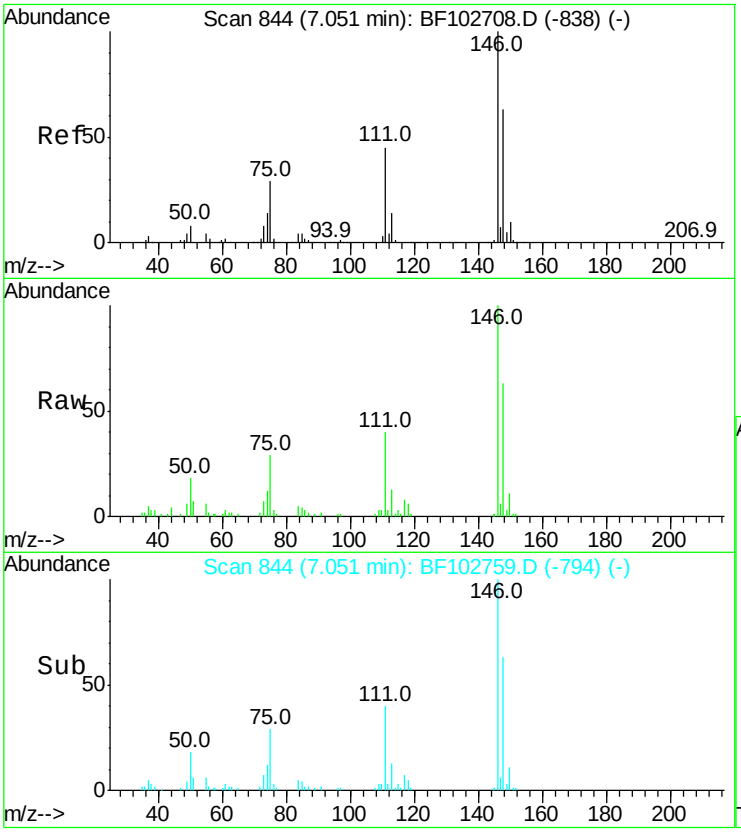


#13
1,4-Dichlorobenzene
Concen: 2.320 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:146 Resp: 38334

Ion	Ratio	Lower	Upper
146	100		
148	66.7	50.8	76.2
111	42.2	34.2	51.2



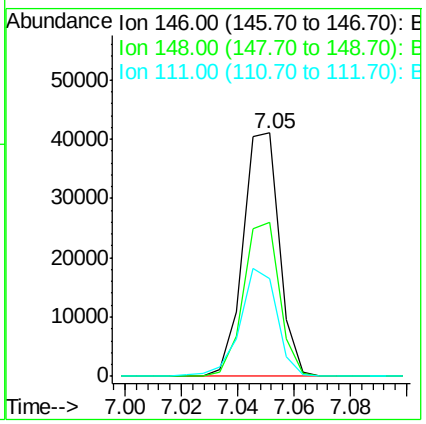


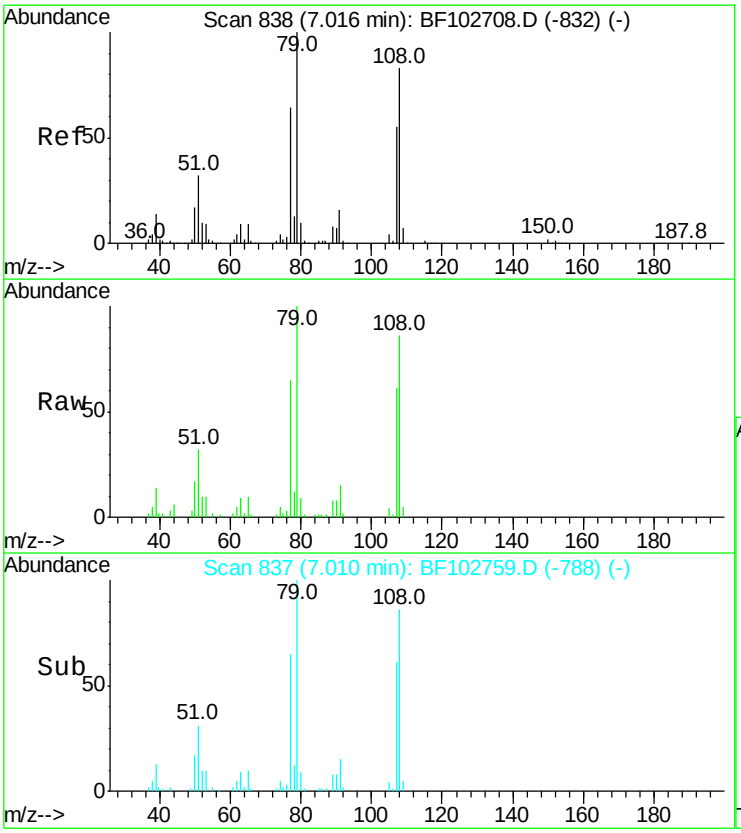
#14
1,2-Dichlorobenzene
Concen: 2.387 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 36724

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	40.4	36.0	54.0

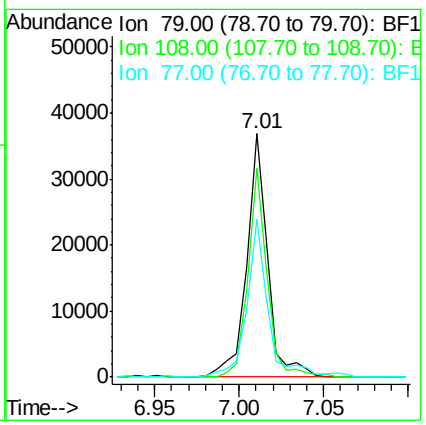


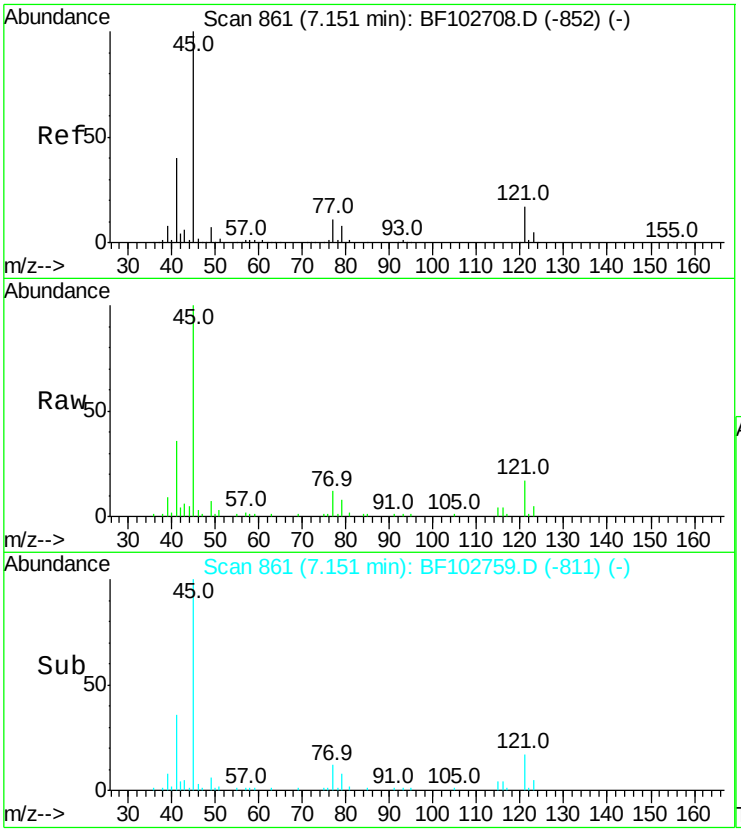


#15
Benzyl Alcohol
Concen: 2.504 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion: 79 Resp: 32242

Ion	Ratio	Lower	Upper
79	100		
108	85.8	65.1	97.7
77	65.0	50.6	75.8



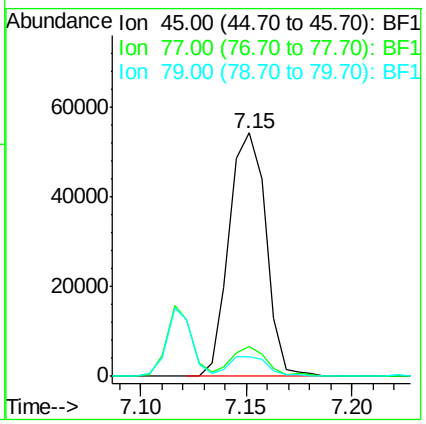


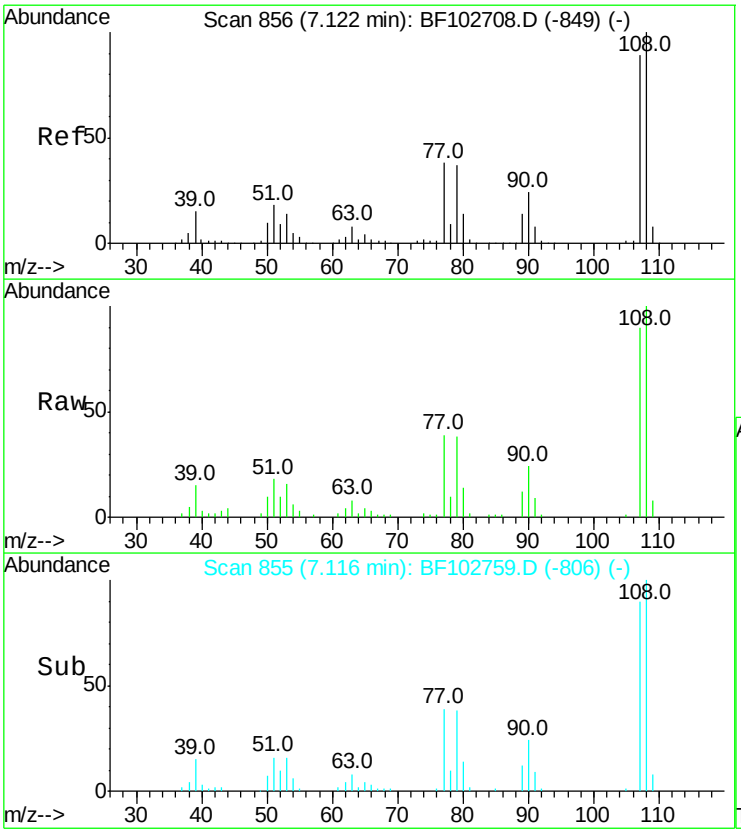
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.308 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 65493

Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	32.9
79	8.0	0.0	29.6

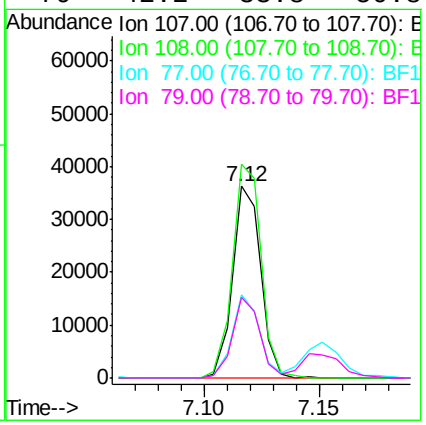


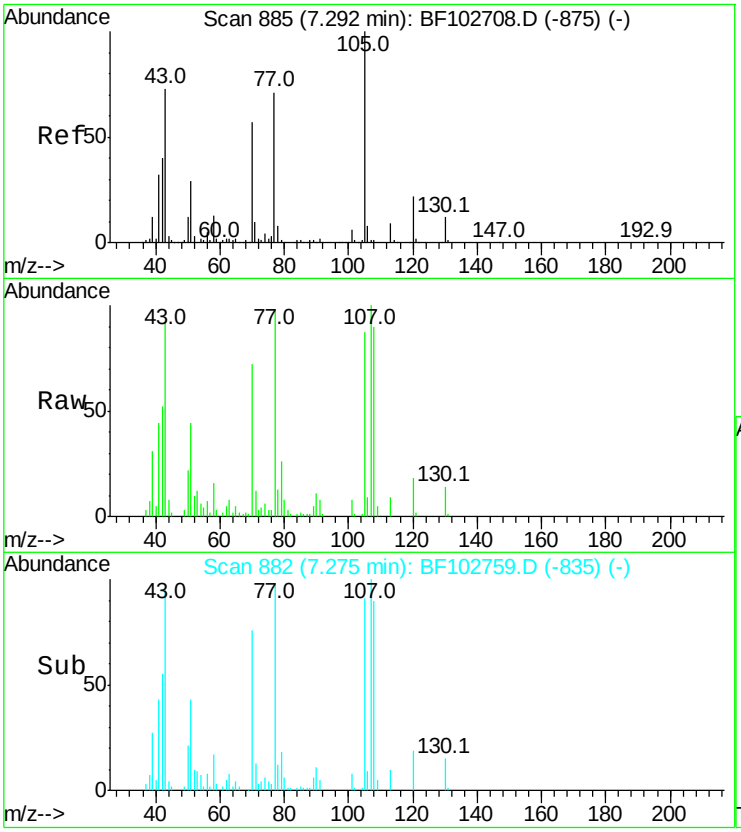


#17
2-Methylphenol
Concen: 2.342 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:107 Resp: 30940

Ion	Ratio	Lower	Upper
107	100		
108	111.4	91.7	137.5
77	43.5	33.8	50.8
79	42.2	33.8	50.8



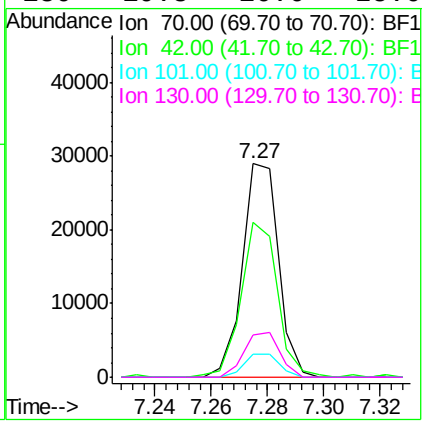


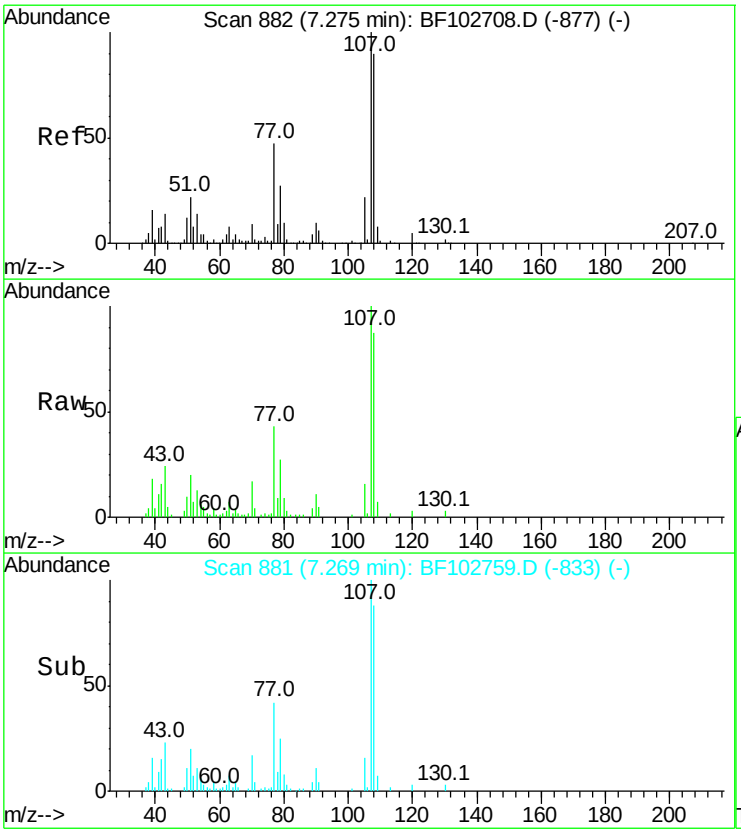
#19
n-Nitroso-di-n-propylamine
Concen: 2.329 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 25719

Ion	Ratio	Lower	Upper
70	100		
42	72.2	47.5	71.3#
101	10.8	7.4	11.2
130	19.8	16.6	25.0

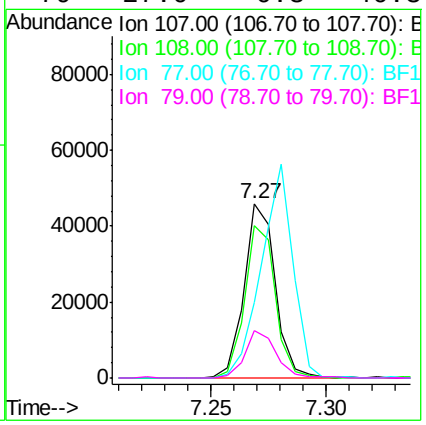


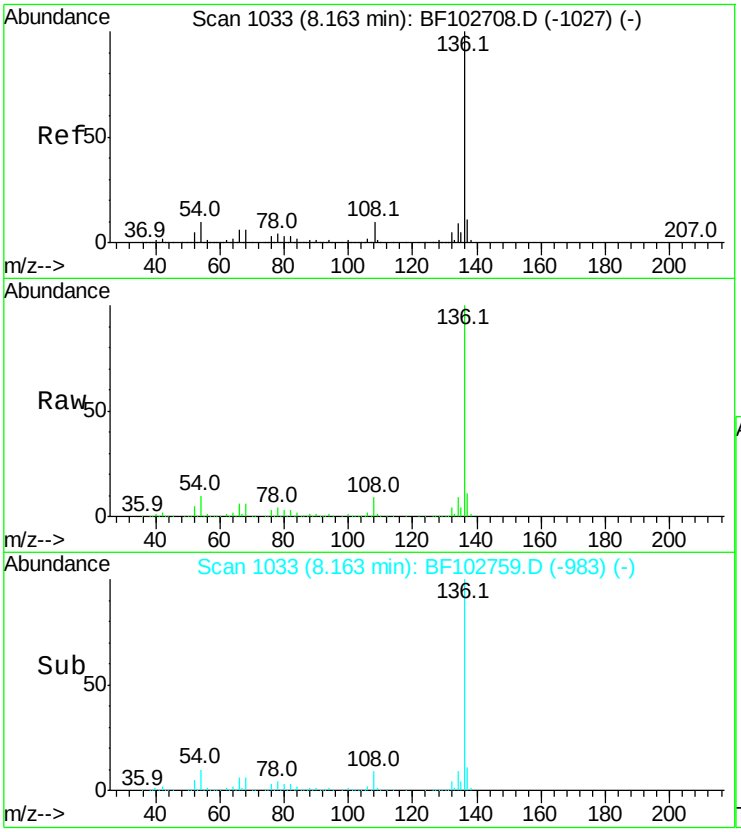


#20
3+4-Methylphenols
Concen: 2.665 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:107 Resp: 43417

Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	43.3	26.7	66.7
79	27.0	6.3	46.3



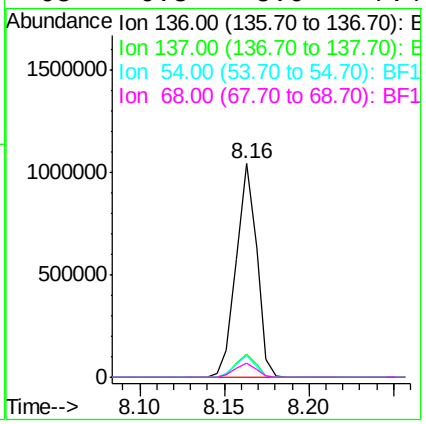


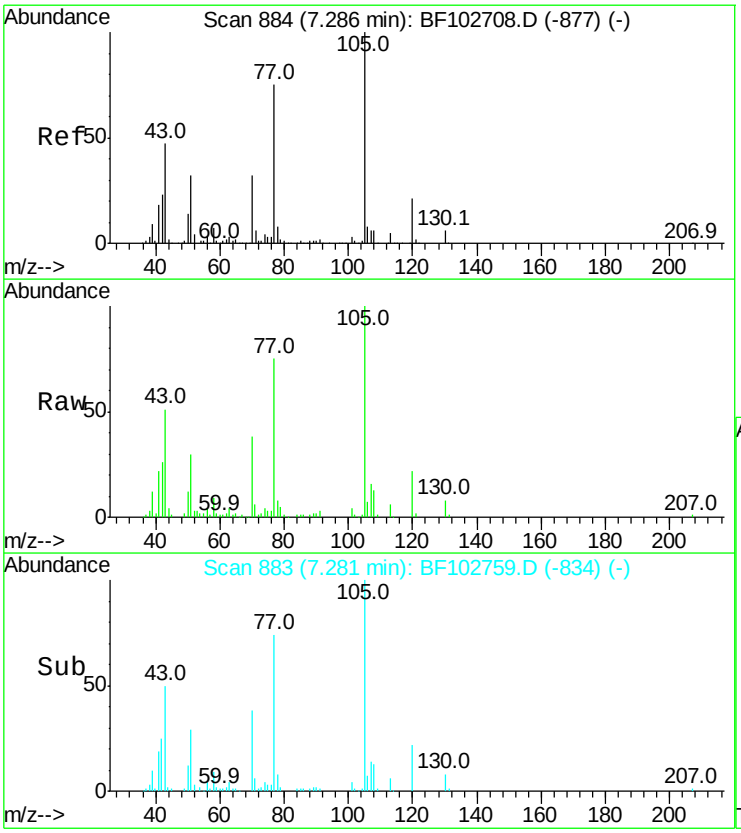
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 883507

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.0	6.6	9.8#
68	6.3	5.0	7.4

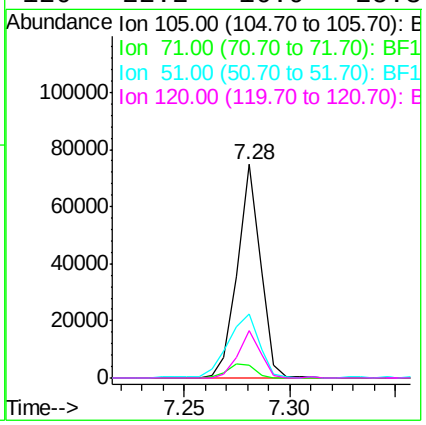


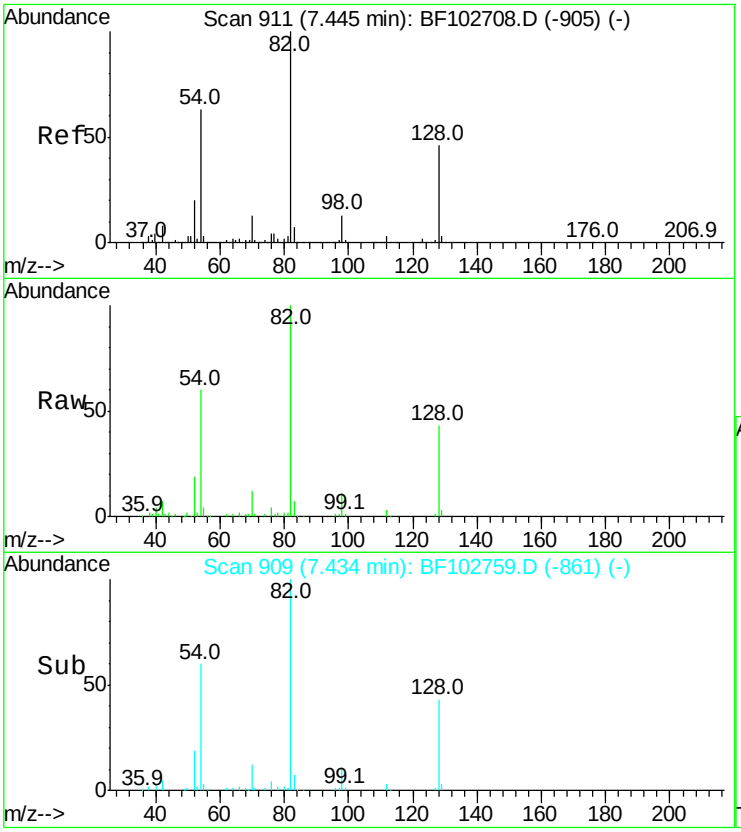


#22
Acetophenone
Concen: 2.622 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:105 Resp: 56697

Ion	Ratio	Lower	Upper
105	100		
71	6.1	4.4	6.6
51	30.1	22.3	33.5
120	22.2	16.9	25.3



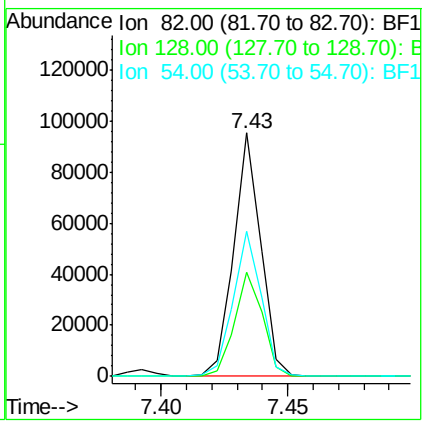


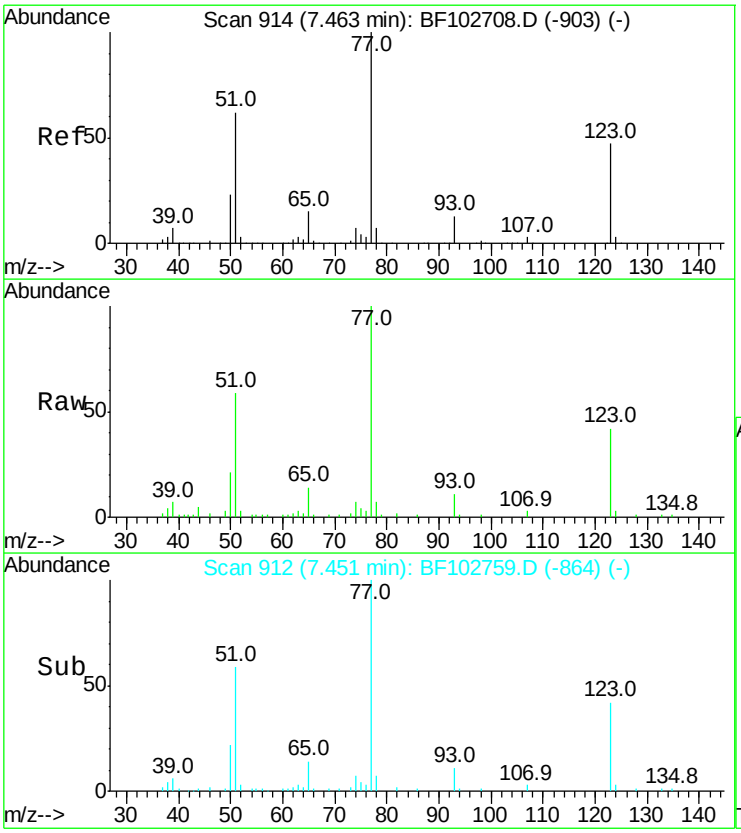
#23
Nitrobenzene-d5
Concen: 5.550 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 70680

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	59.6	41.4	62.2

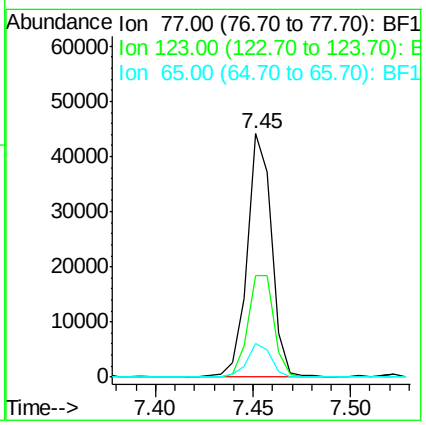


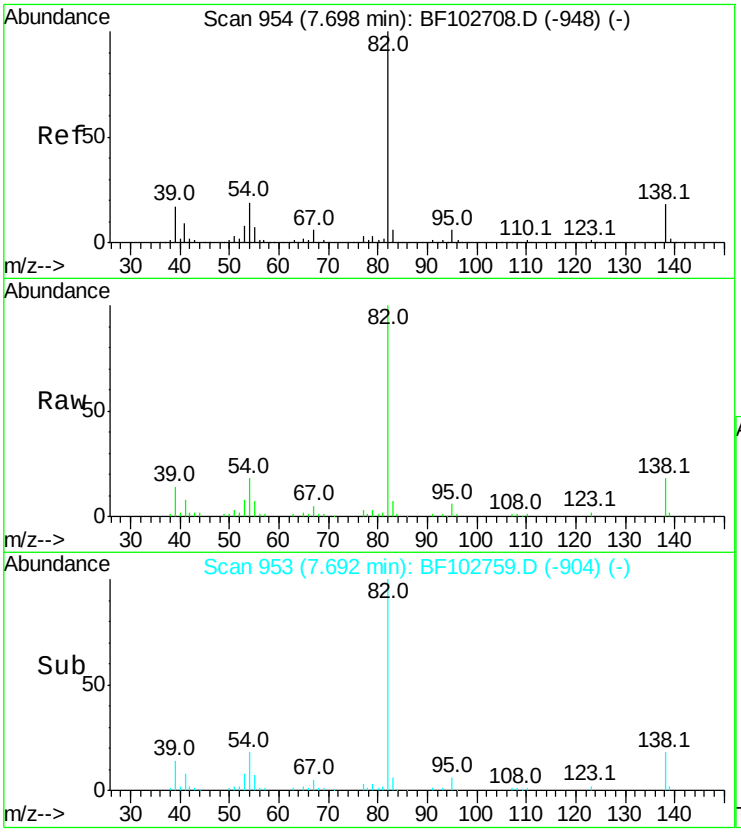


#24
Nitrobenzene
Concen: 2.491 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion: 77 Resp: 38349

Ion	Ratio	Lower	Upper
77	100		
123	41.7	37.9	56.9
65	14.1	11.0	16.4



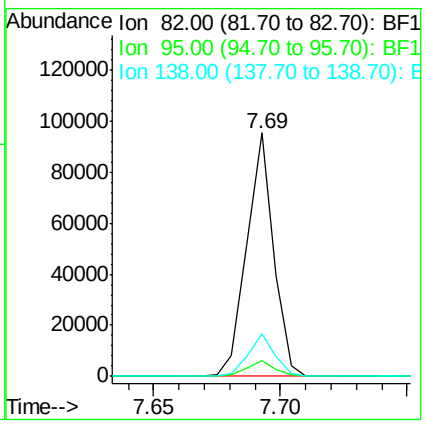


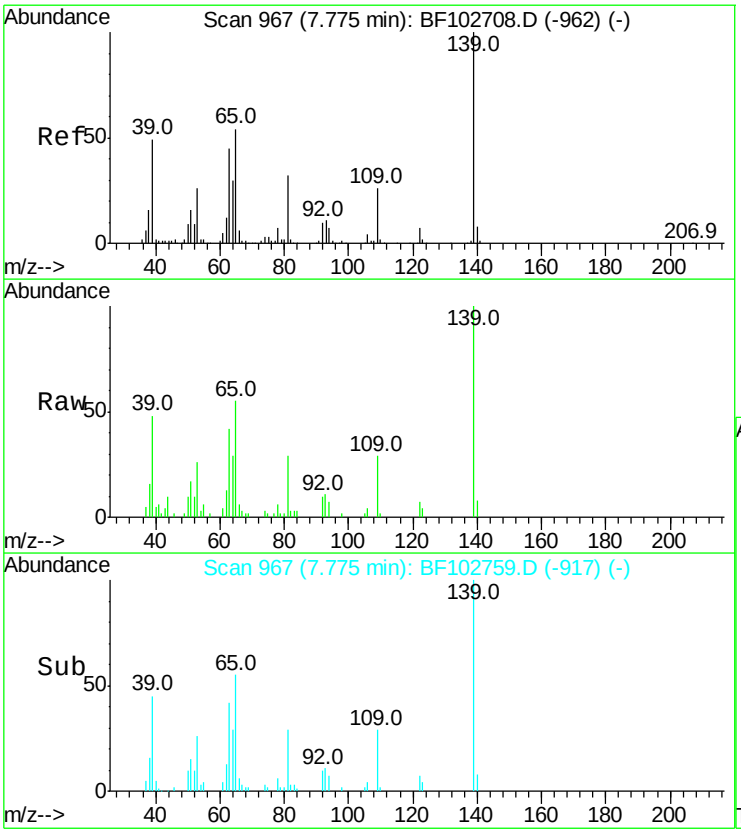
#25
Isophorone
Concen: 2.400 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 70383

Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.2	7.8
138	17.6	14.9	22.3

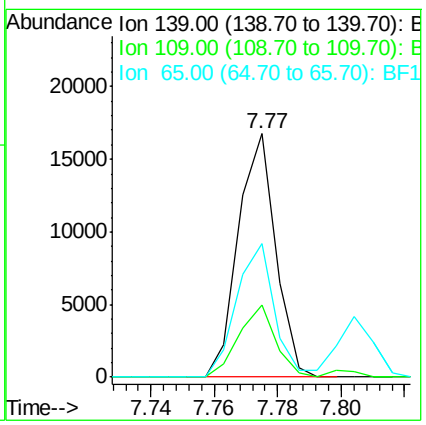


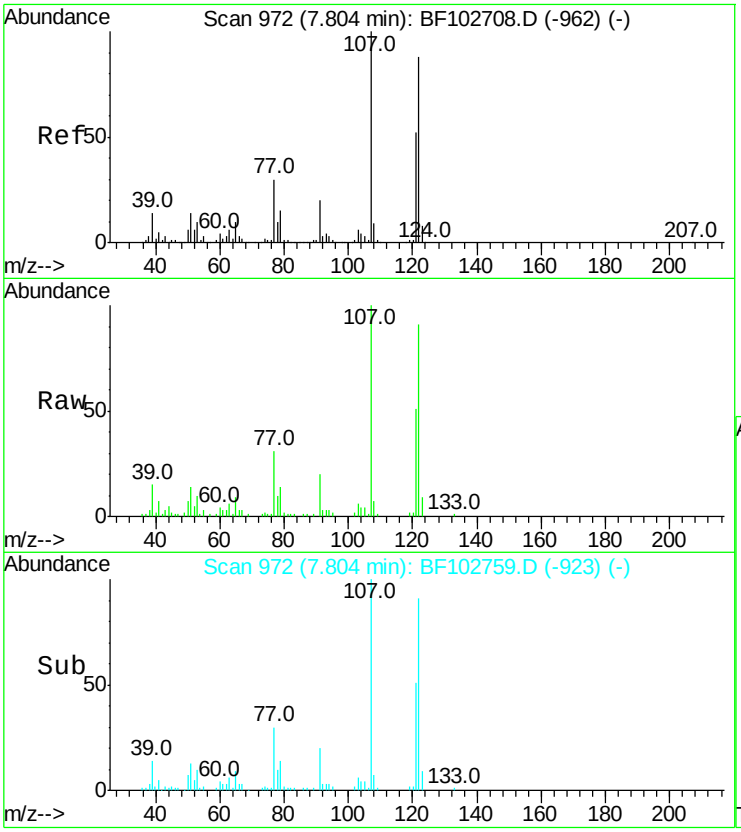


#26
2-Nitrophenol
Concen: 10.488 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:139 Resp: 13681

Ion	Ratio	Lower	Upper
139	100		
109	29.4	22.7	34.1
65	54.7	40.5	60.7



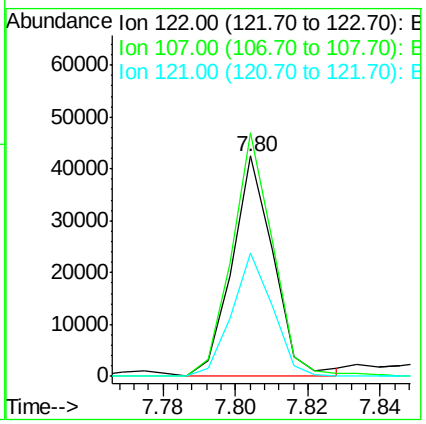


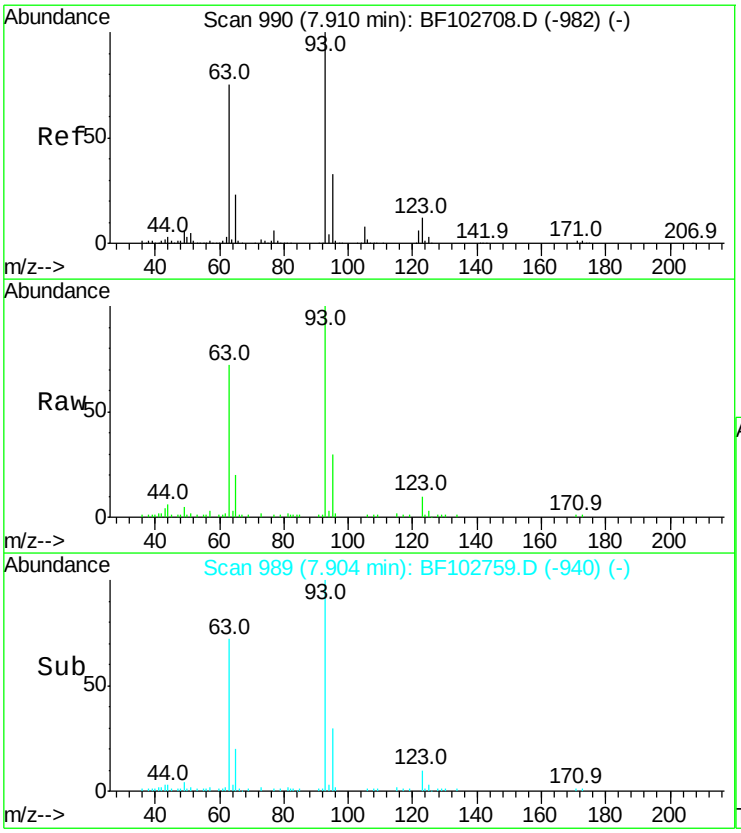
#27
2,4-Dimethylphenol
Concen: 2.730 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 33830

Ion	Ratio	Lower	Upper
122	100		
107	110.4	91.2	136.8
121	56.0	47.2	70.8

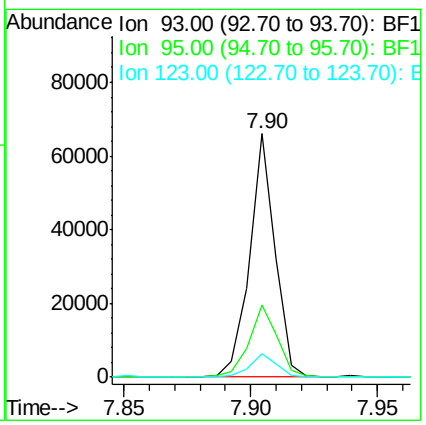


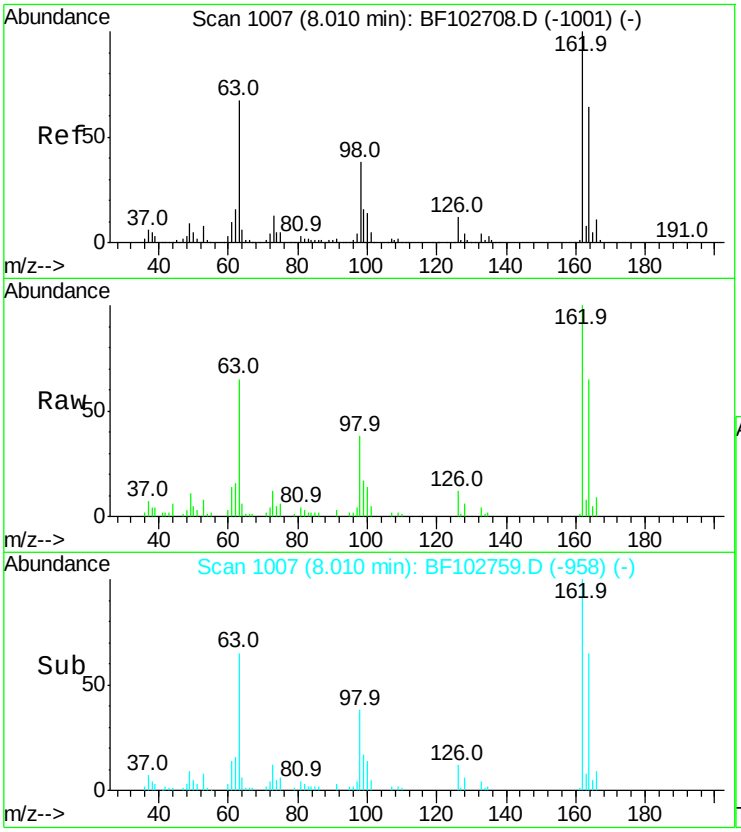


#28
bis(2-Chloroethoxy)methane
Concen: 2.659 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion: 93 Resp: 46201

Ion	Ratio	Lower	Upper
93	100		
95	29.8	26.3	39.5
123	9.6	9.8	14.6#



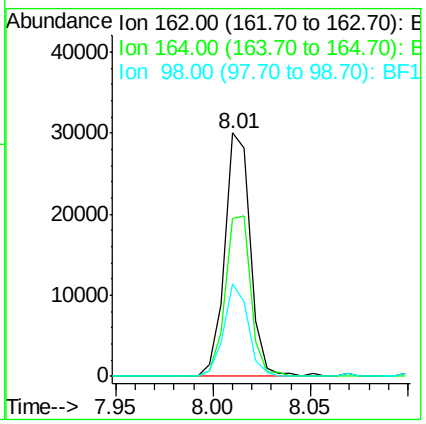


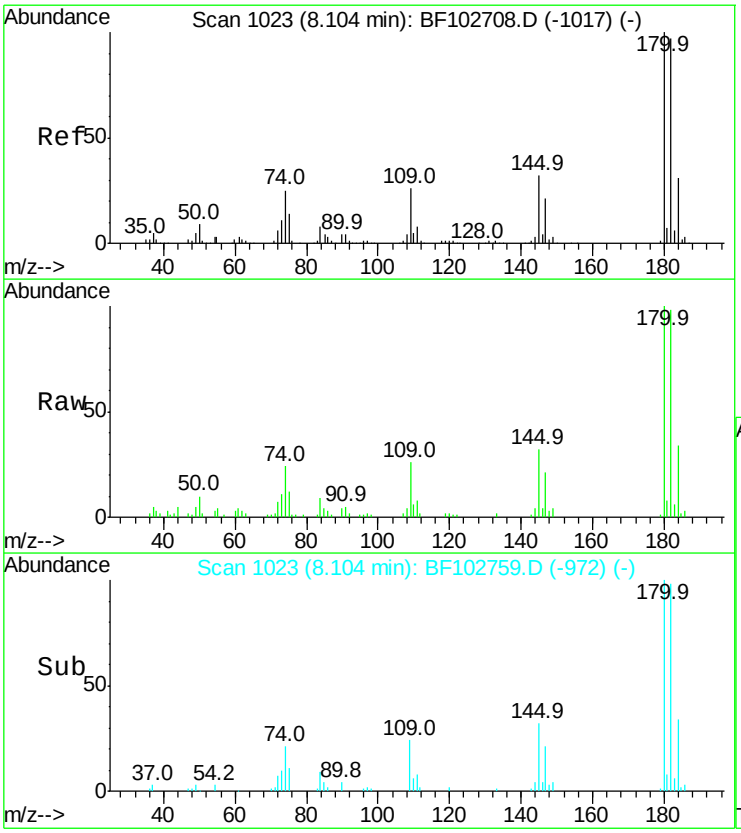
#29
2,4-Dichlorophenol
Concen: 2.427 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 27337

Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.7	82.7
98	37.8	18.1	58.1

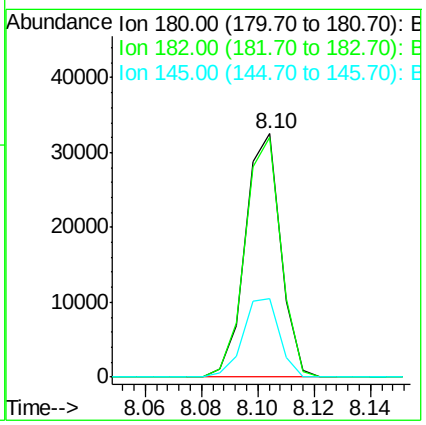


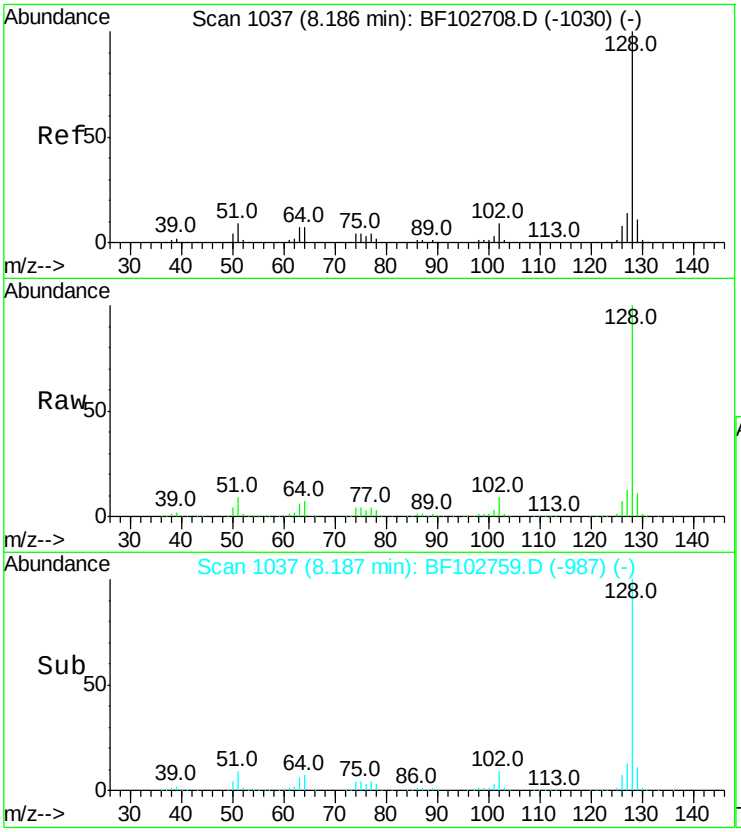


#30
1,2,4-Trichlorobenzene
Concen: 2.226 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:180 Resp: 28366

Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.8	115.2
145	32.1	26.5	39.7



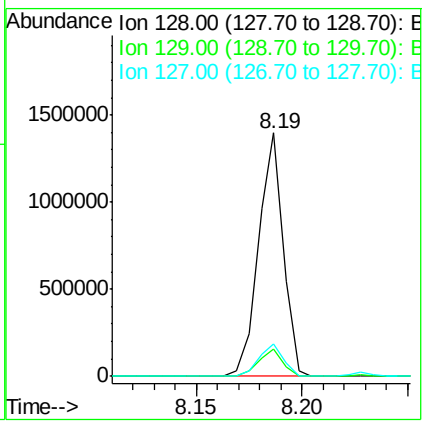


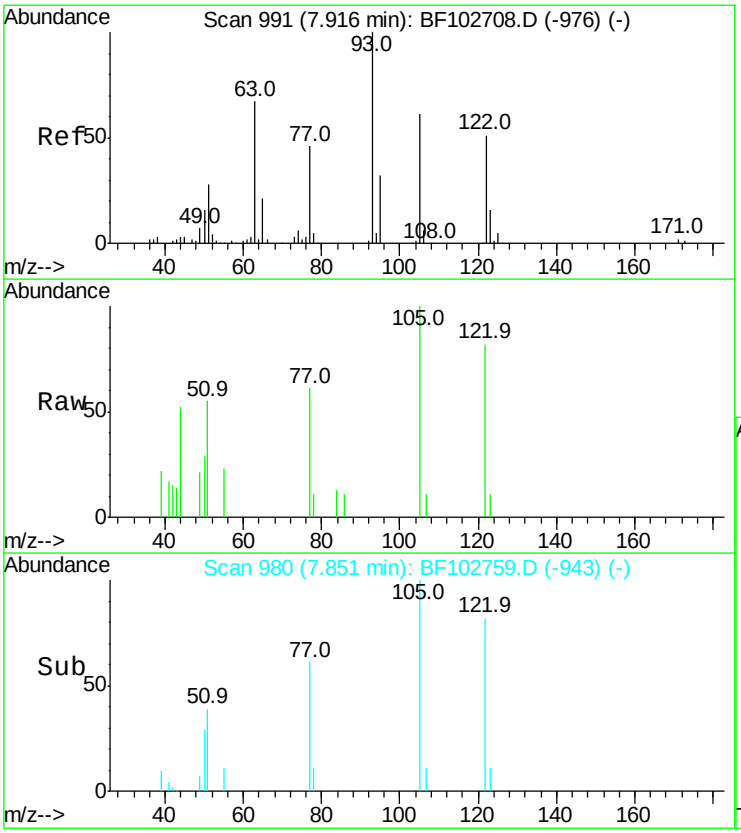
#31
Naphthalene
Concen: 26.379 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1138704

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.5	10.9	16.3

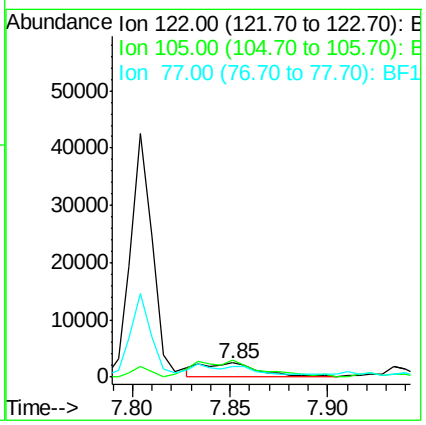


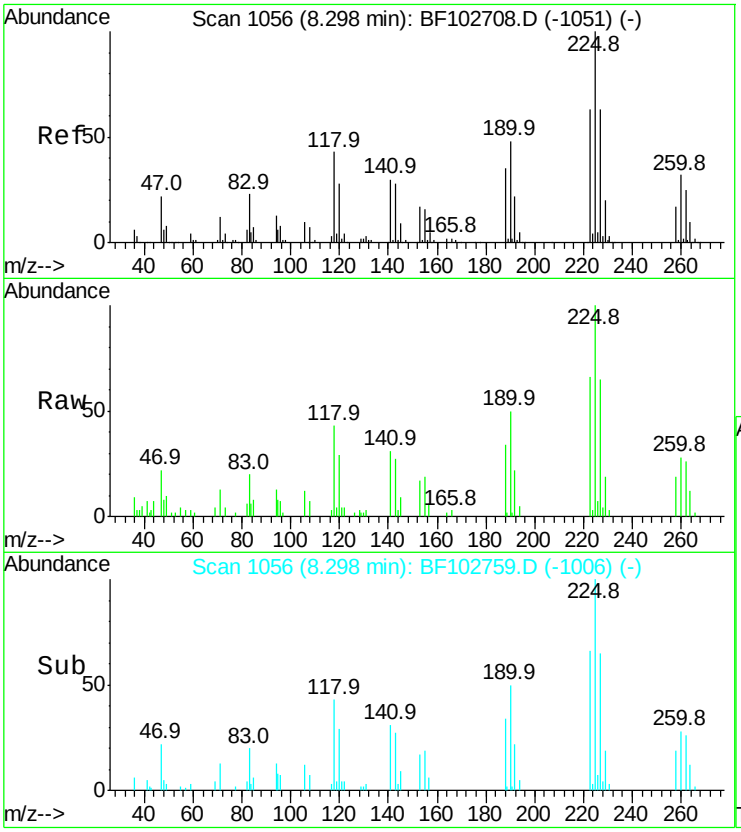


#32
Benzoic acid
Concen: 9.117 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.08 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:122 Resp: 5193

Ion	Ratio	Lower	Upper
122	100		
105	122.3	101.1	141.1
77	74.2	70.7	110.7



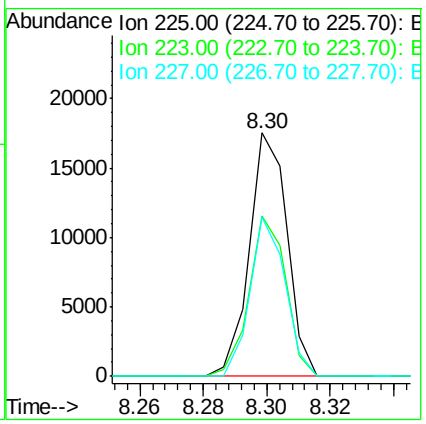


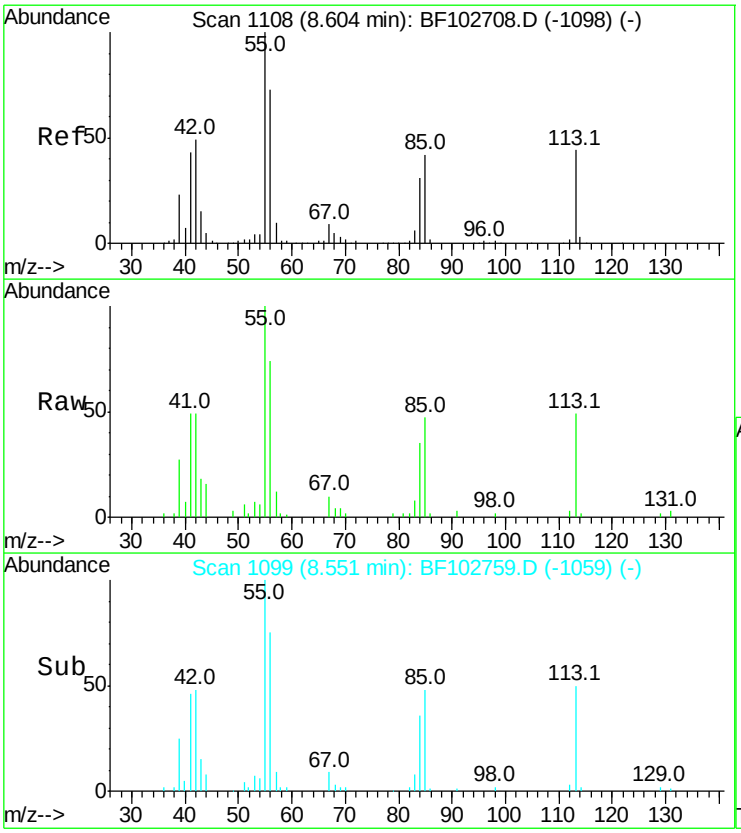
#34
Hexachlorobutadiene
Concen: 2.225 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:225 Resp: 14528

Ion	Ratio	Lower	Upper
225	100		
223	65.8	50.6	76.0
227	65.2	51.9	77.9

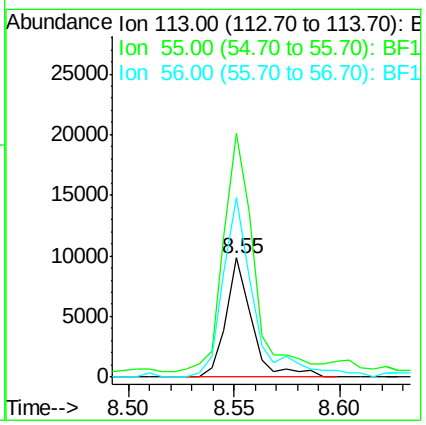


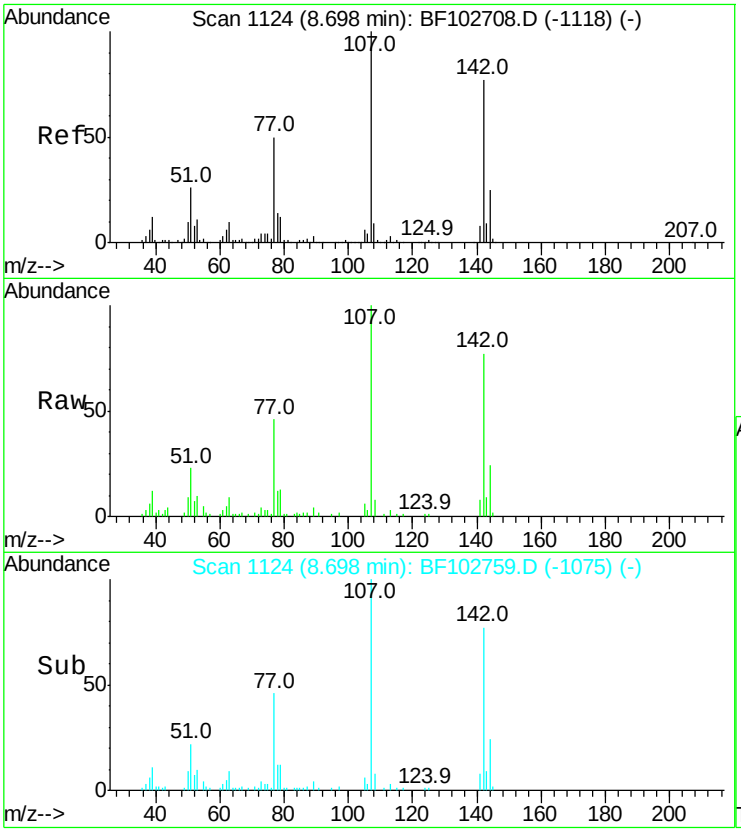


#35
Caprolactam
Concen: 2.135 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.06 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:113 Resp: 8350

Ion	Ratio	Lower	Upper
113	100		
55	203.9	163.3	203.3#
56	150.2	115.7	155.7



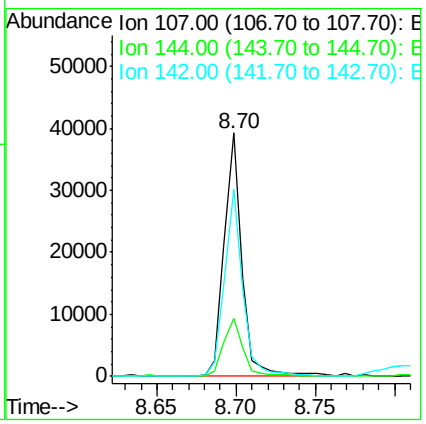


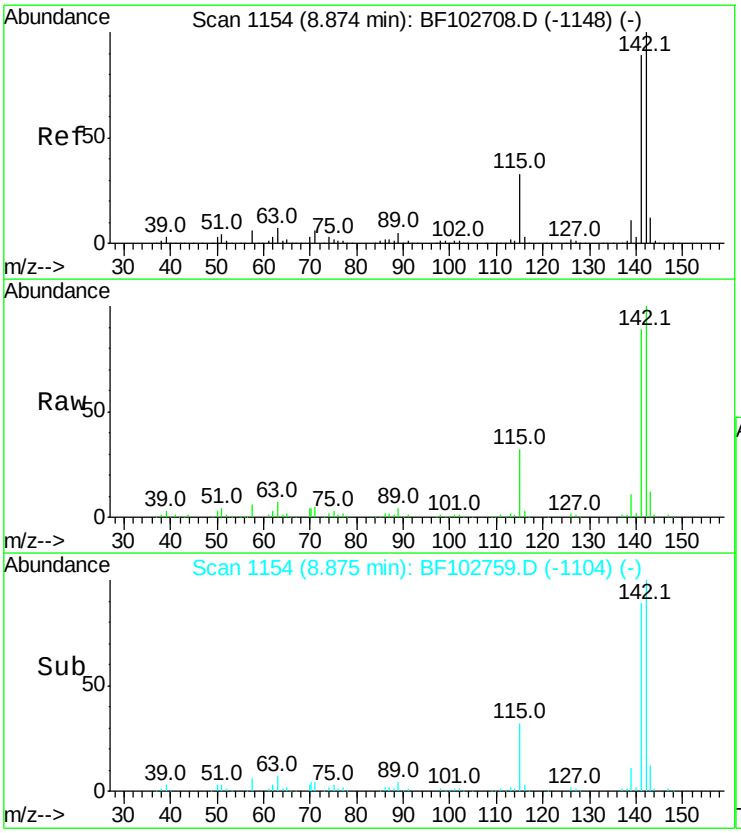
#36
4-Chloro-3-methylphenol
Concen: 2.421 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 30633

Ion	Ratio	Lower	Upper
107	100		
144	23.9	20.5	30.7
142	76.8	62.0	93.0

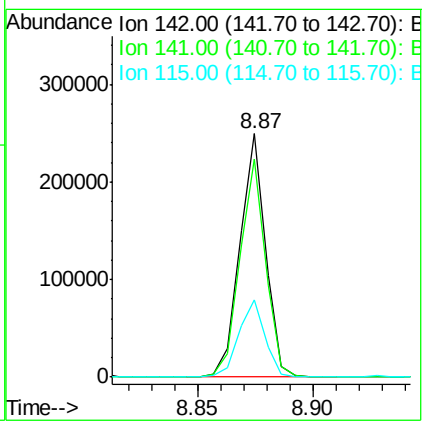


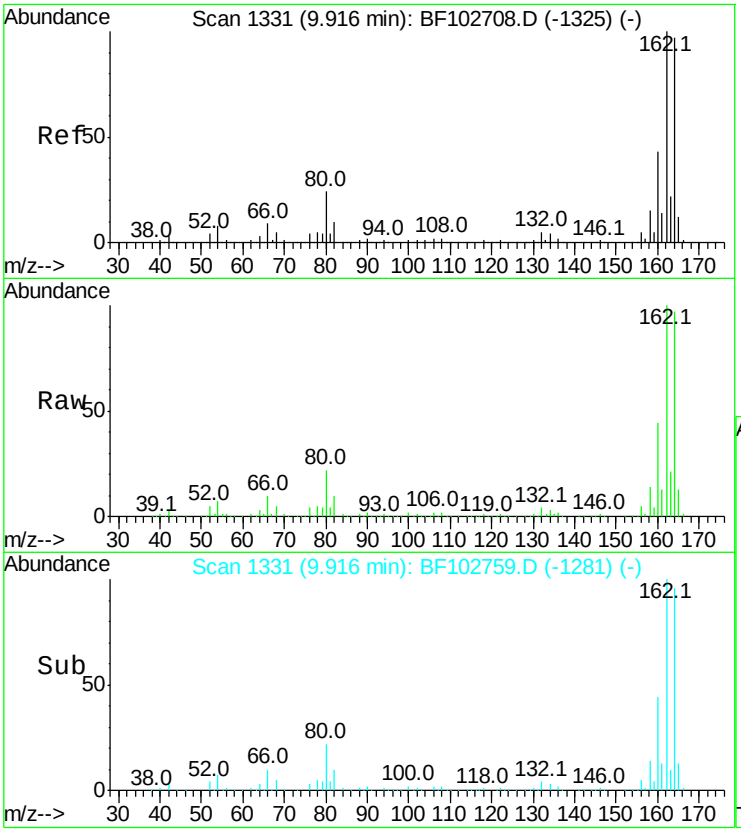


#37
2-Methylnaphthalene
Concen: 6.877 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:142 Resp: 194358

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	31.8	26.1	39.1



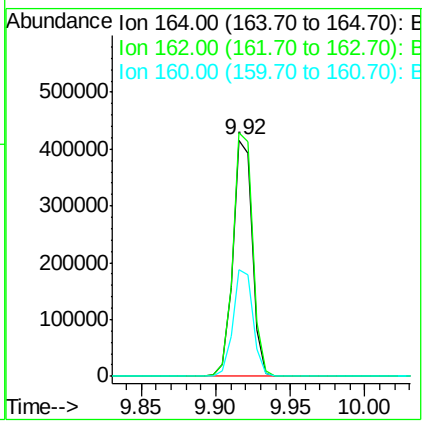


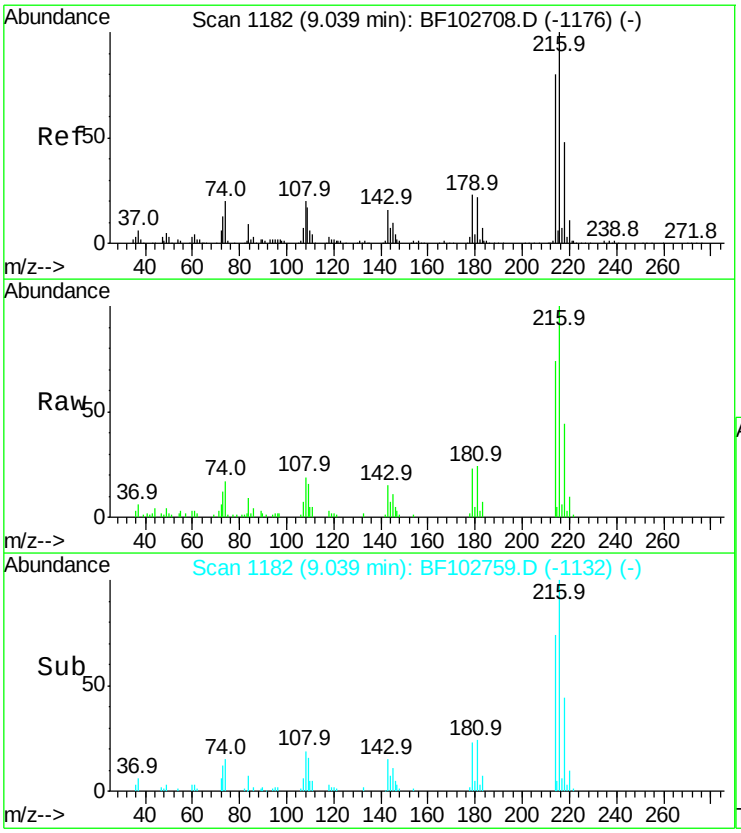
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 380037

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	45.0	38.3	57.5

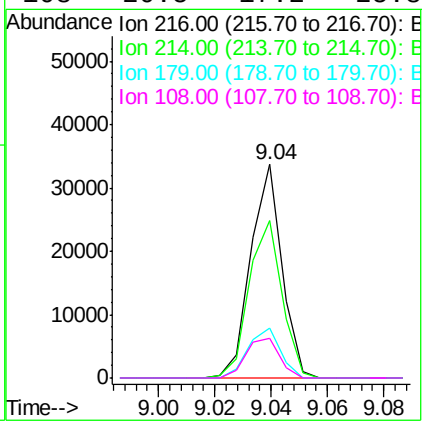


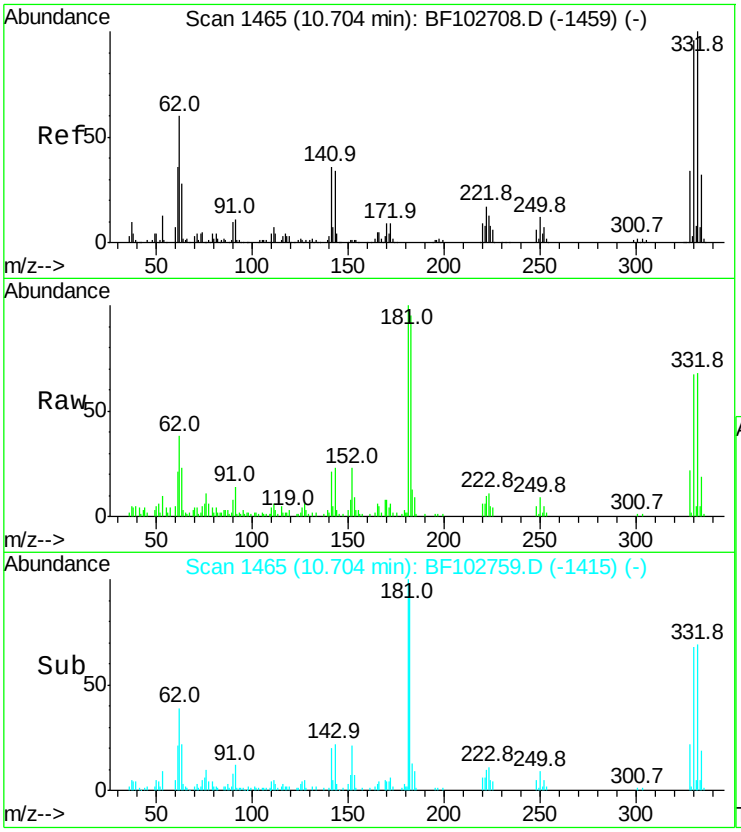


#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.491 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:216 Resp: 25773

Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	24.4	18.1	27.1
108	20.5	17.2	25.8



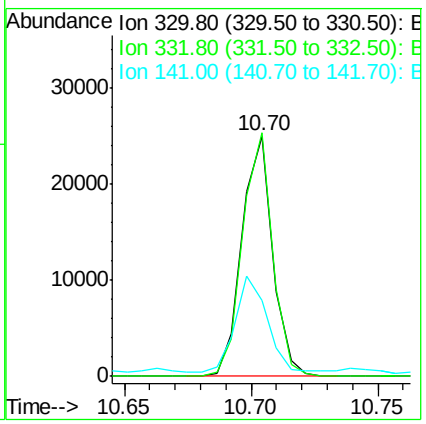


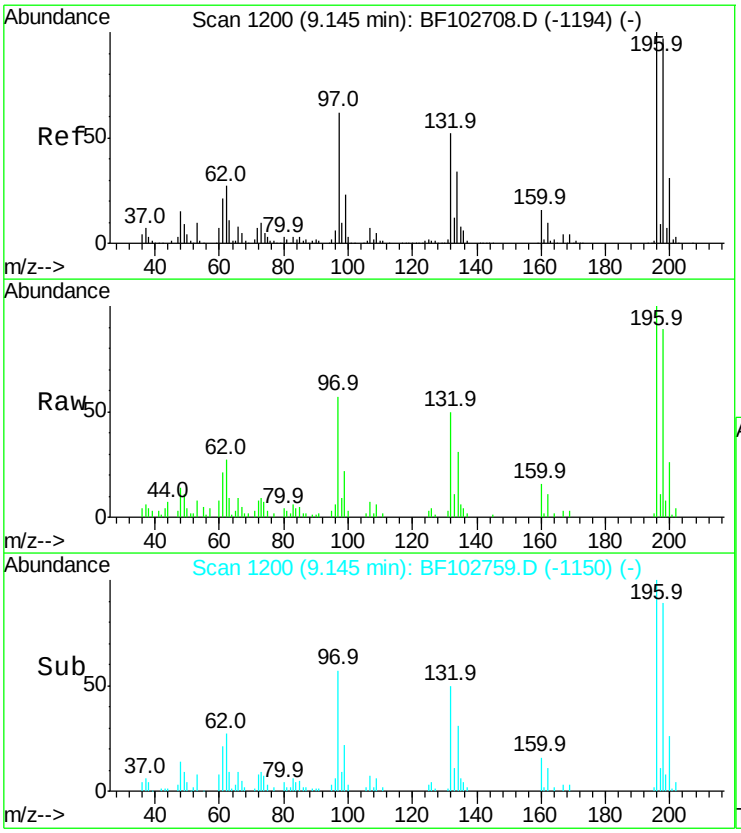
#41
2,4,6-Tribromophenol
Concen: 6.907 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 21129

Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	42.0	29.9	44.9

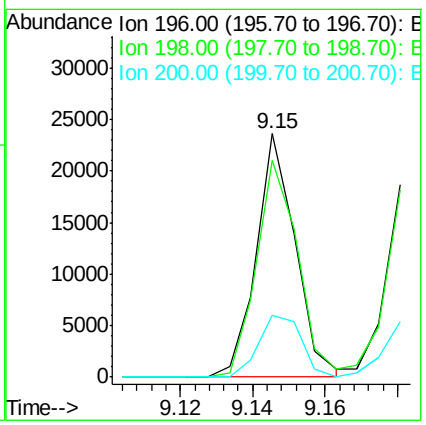


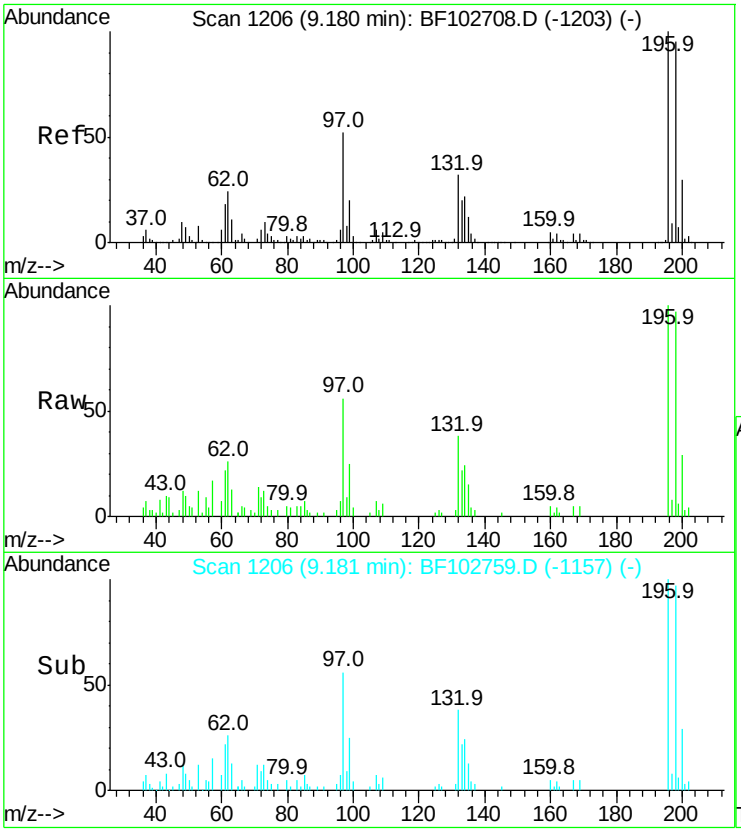


#42
2,4,6-Trichlorophenol
Concen: 2.577 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:196 Resp: 17517

Ion	Ratio	Lower	Upper
196	100		
198	89.1	75.7	113.5
200	27.0	24.5	36.7



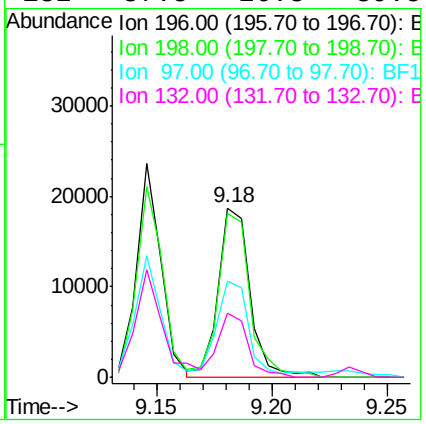


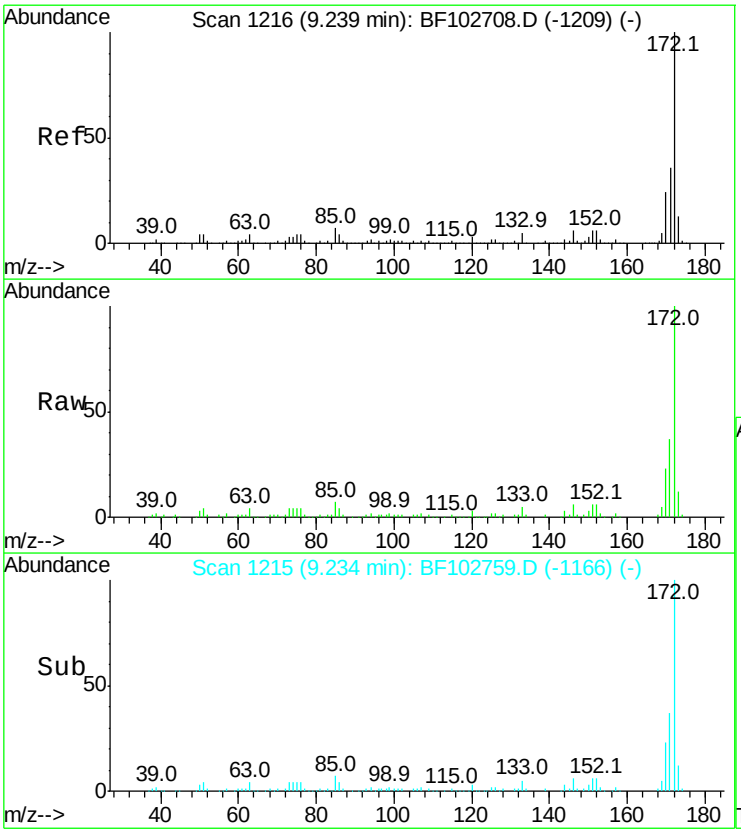
#43
2,4,5-Trichlorophenol
Concen: 2.330 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 17846

Ion	Ratio	Lower	Upper
196	100		
198	96.8	74.6	112.0
97	56.4	42.9	64.3
132	37.5	26.3	39.5

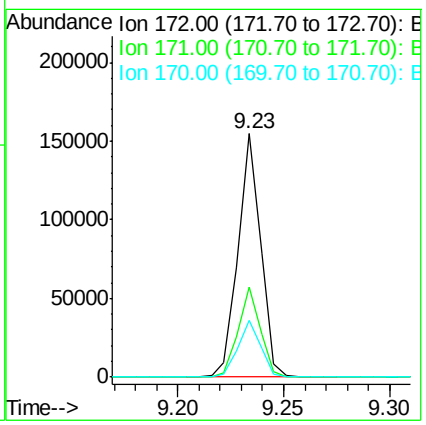


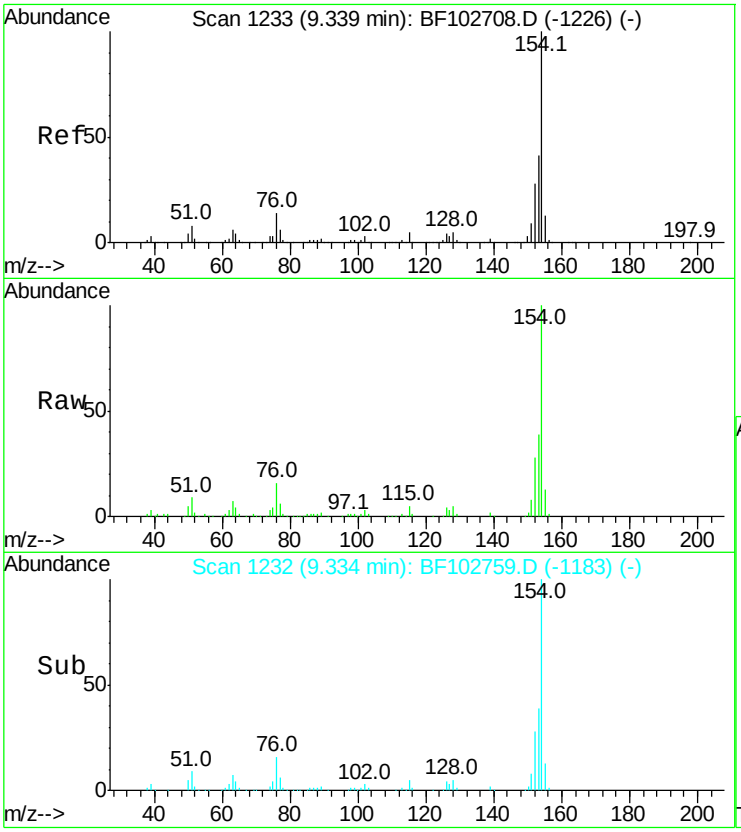


#44
2-Fluorobiphenyl
Concen: 4.970 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:172 Resp: 113817

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	23.2	19.6	29.4



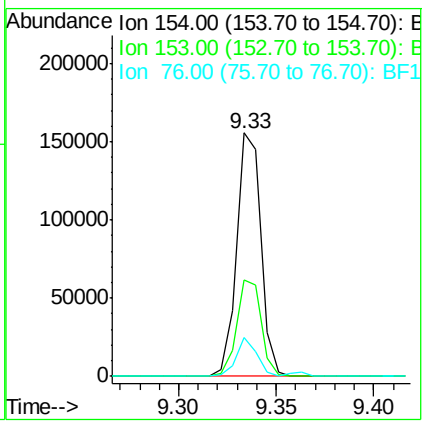


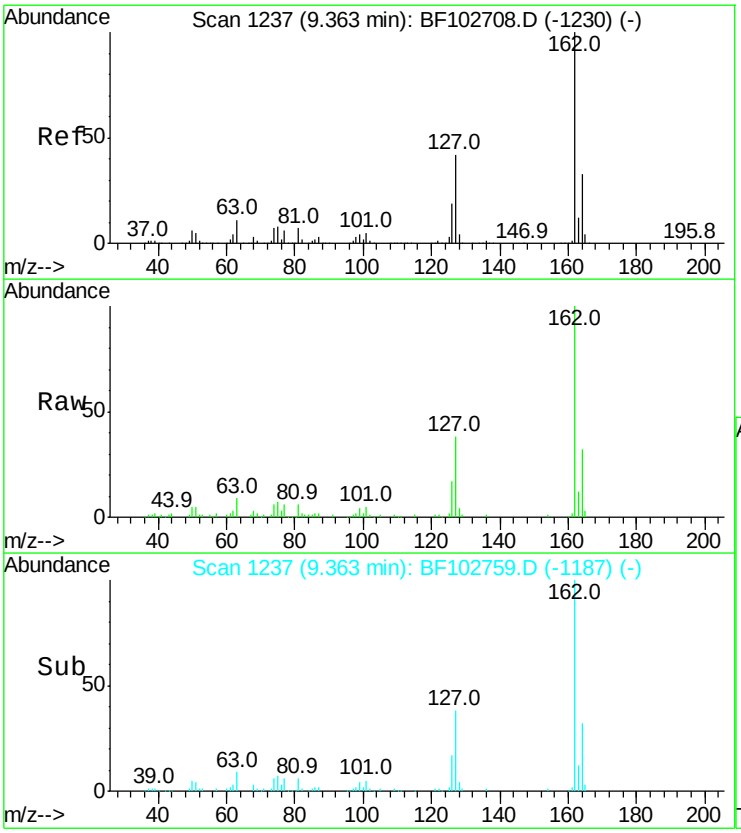
#45
1,1'-Biphenyl
Concen: 4.198 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 134364

Ion	Ratio	Lower	Upper
154	100		
153	39.4	21.3	61.3
76	15.7	0.0	34.0

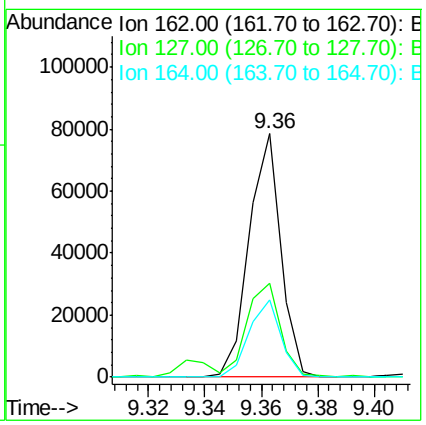


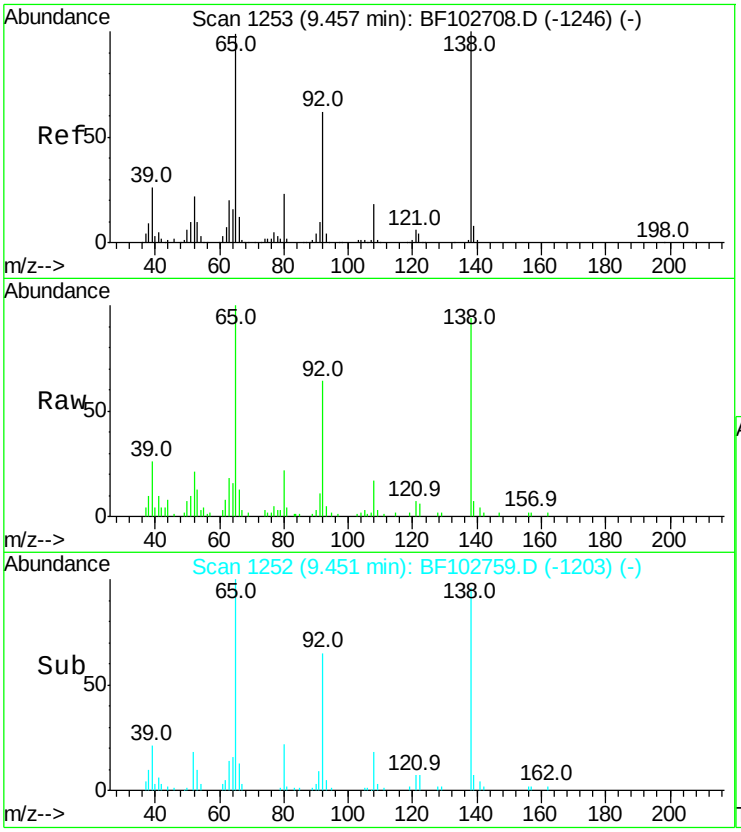


#46
2-Chloronaphthalene
Concen: 2.427 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:162 Resp: 61152

Ion	Ratio	Lower	Upper
162	100		
127	38.4	33.9	50.9
164	31.8	26.5	39.7



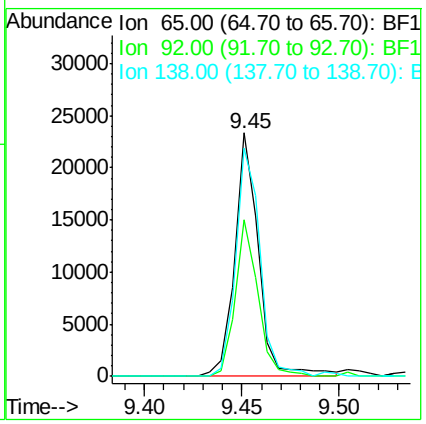


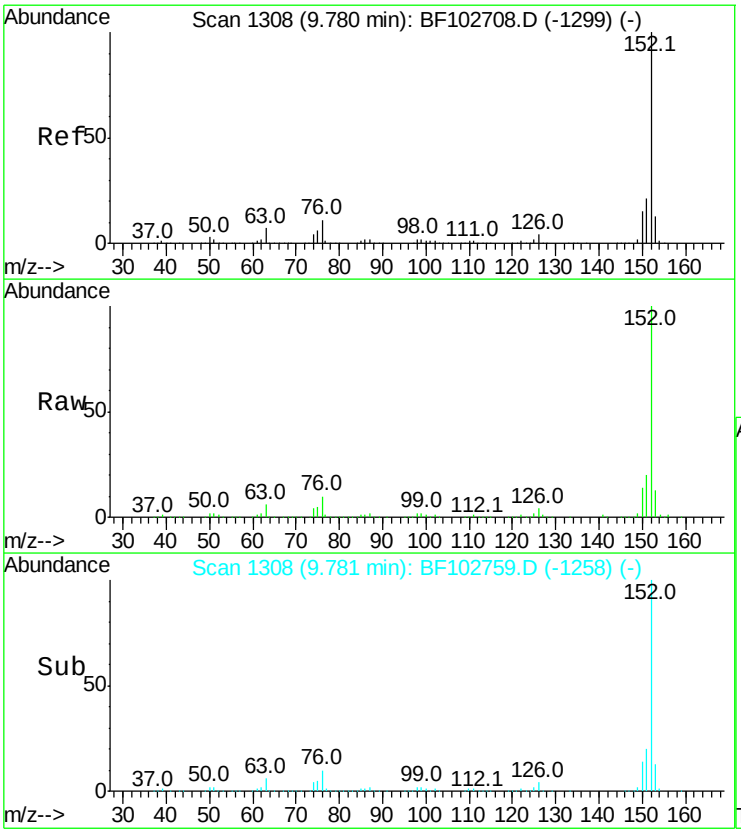
#47
2-Nitroaniline
Concen: 5.821 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 19690

Ion	Ratio	Lower	Upper
65	100		
92	64.1	55.8	83.6
138	93.9	91.2	136.8

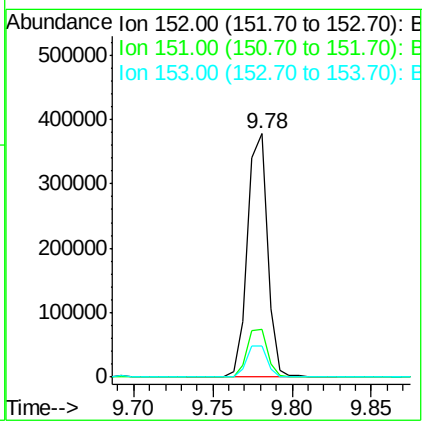


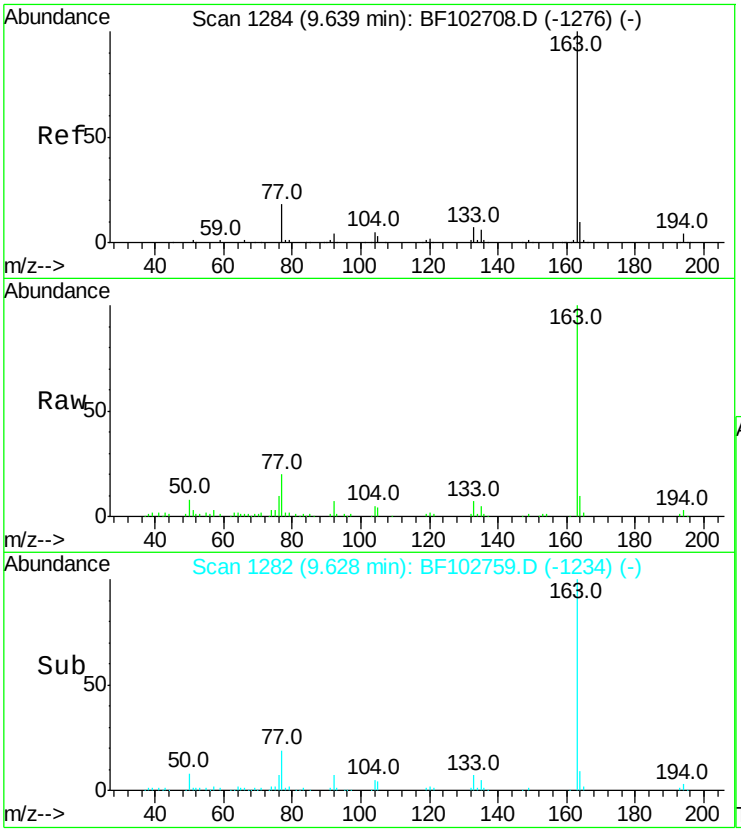


#48
Acenaphthylene
Concen: 8.476 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:152 Resp: 331755

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	12.9	10.7	16.1



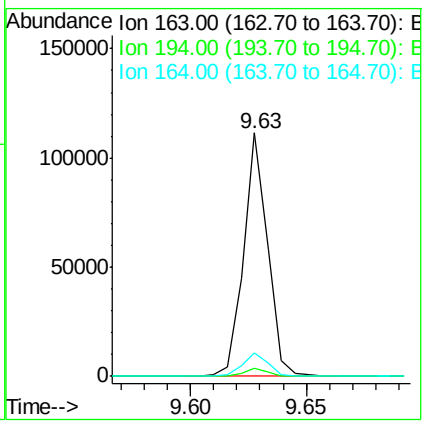


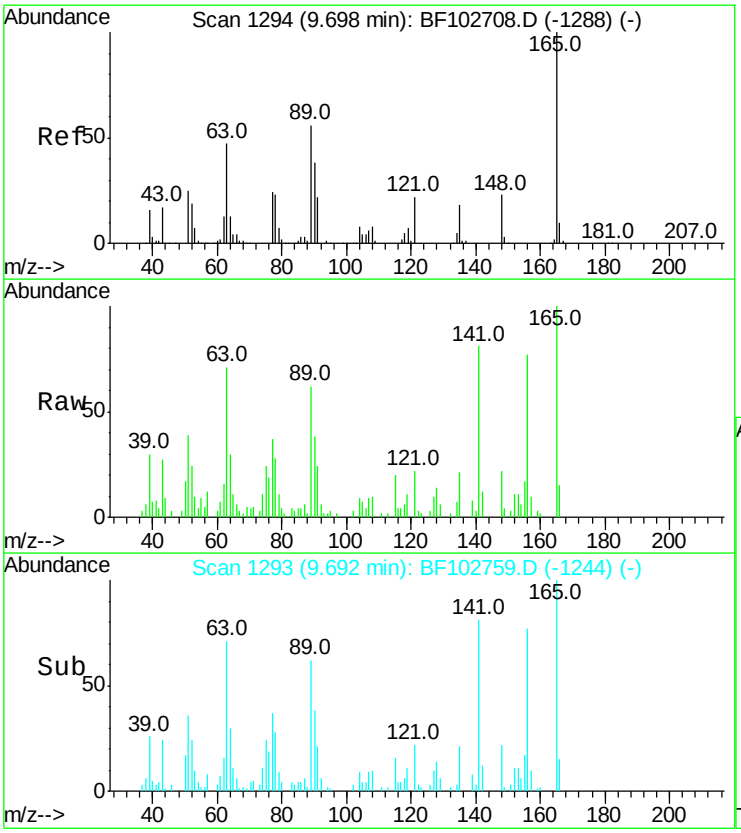
#49
Dimethylphthalate
Concen: 2.721 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 80624

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.6	8.2	12.2

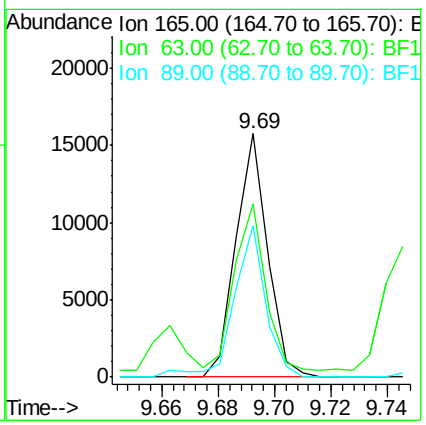


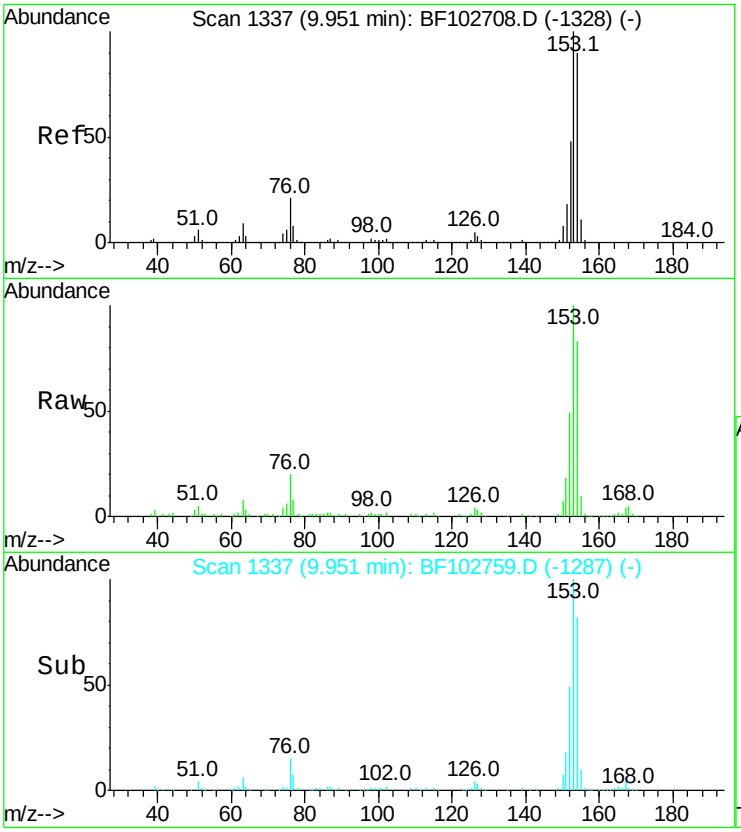


#50
2,6-Dinitrotoluene
Concen: 2.175 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:165 Resp: 12261

Ion	Ratio	Lower	Upper
165	100		
63	70.9	44.7	67.1#
89	62.2	44.0	66.0



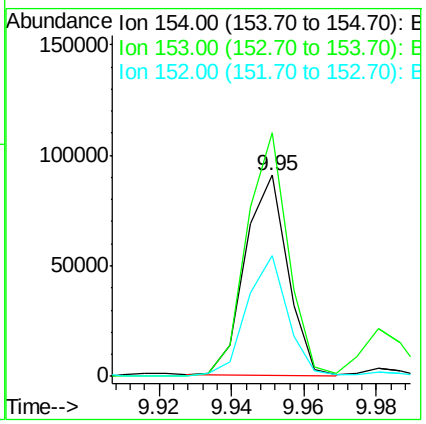


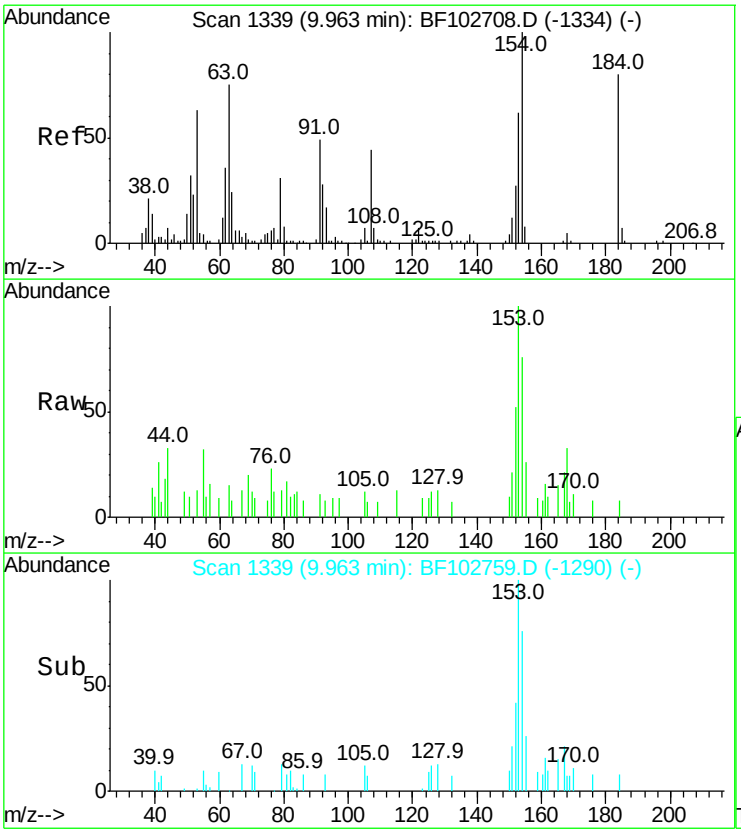
#51
Acenaphthene
Concen: 3.147 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 73655

Ion	Ratio	Lower	Upper
154	100		
153	120.9	91.2	136.8
152	59.7	43.8	65.8

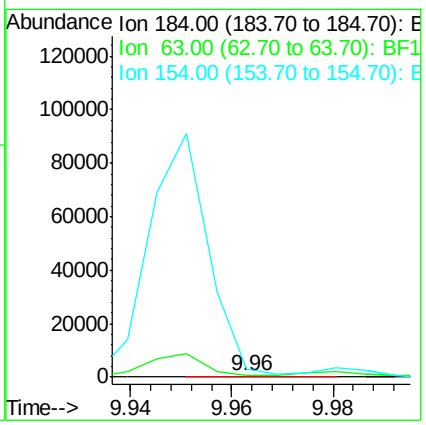


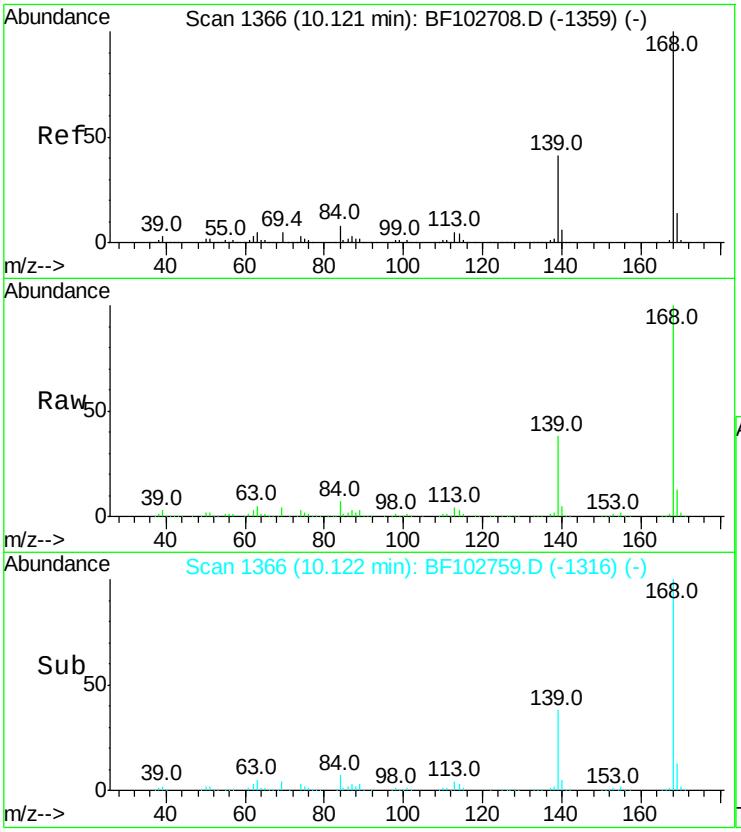


#53
2,4-Dinitrophenol
Concen: 8.141 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:184 Resp: 220

Ion	Ratio	Lower	Upper
184	100		
63	198.1	54.2	81.2#
154	1008.1	184.0	276.0#



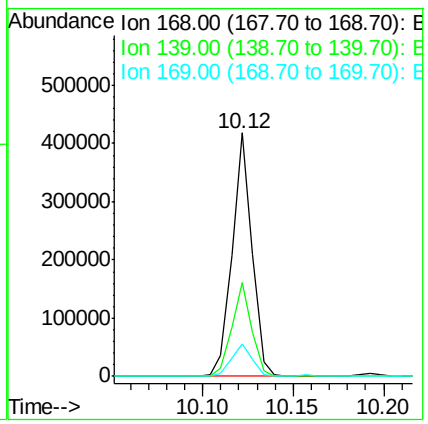


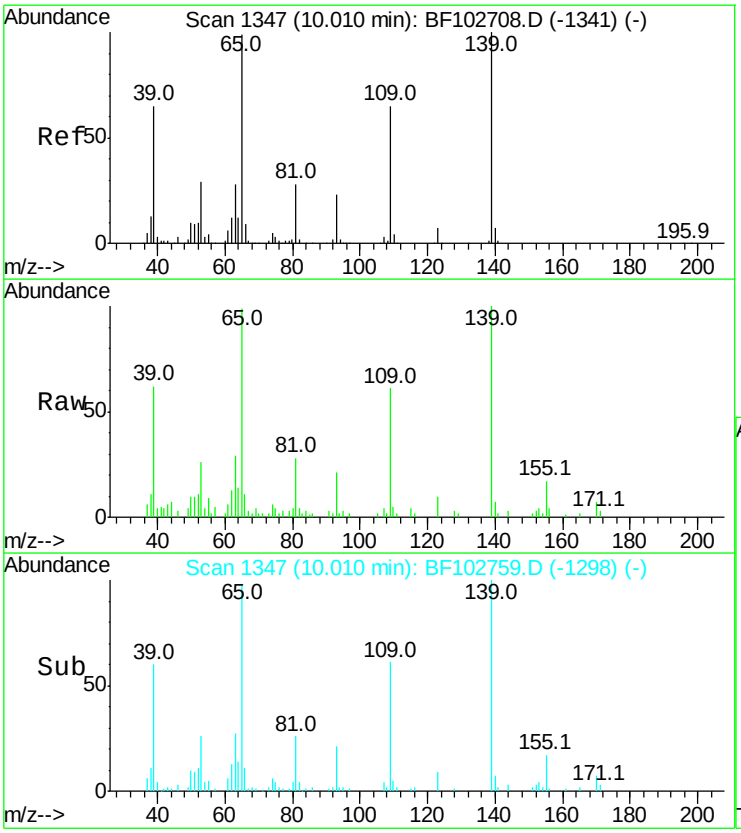
#54
Dibenzofuran
Concen: 9.706 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 320168

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	13.5	10.9	16.3

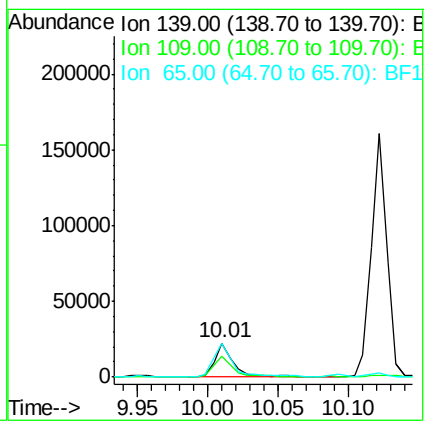


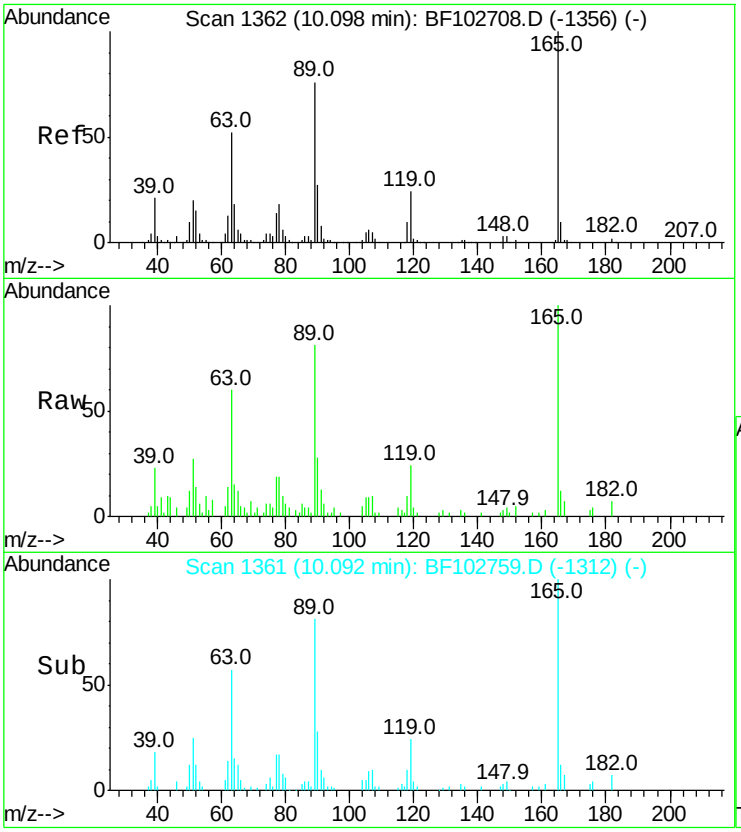


#55
4-Nitrophenol
Concen: 7.507 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:139 Resp: 20908

Ion	Ratio	Lower	Upper
139	100		
109	61.2	48.4	88.4
65	99.3	72.6	112.6



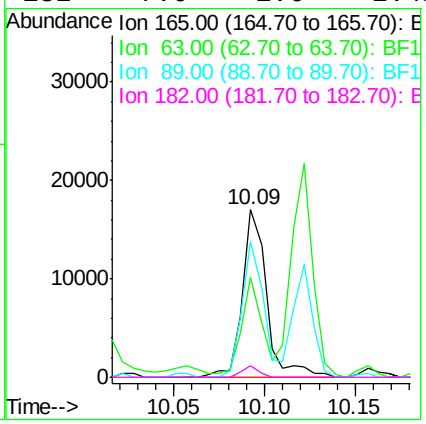


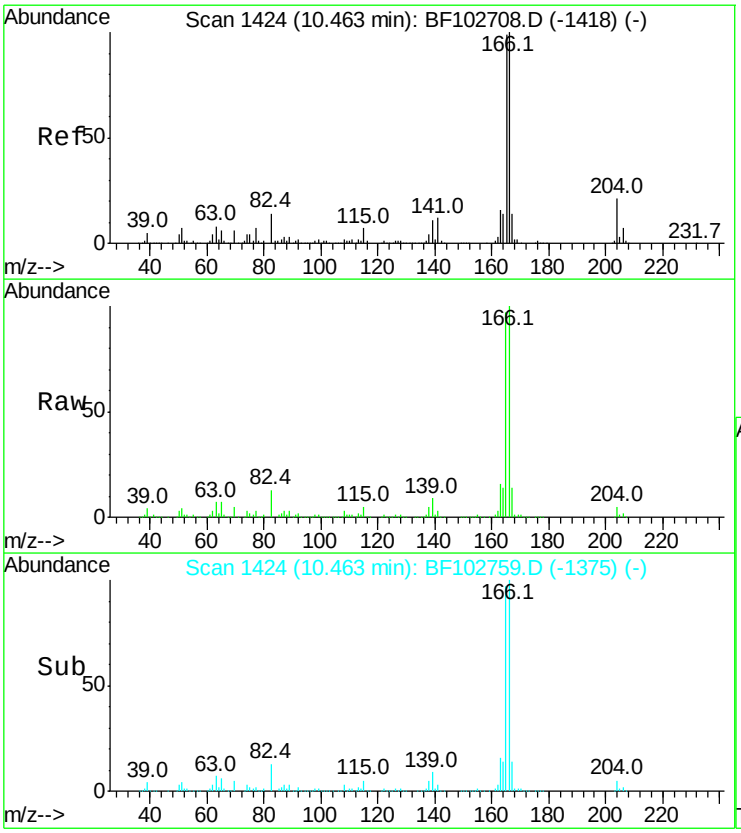
#56
2,4-Dinitrotoluene
Concen: 5.030 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15788

Ion	Ratio	Lower	Upper
165	100		
63	59.7	36.4	54.6#
89	81.2	57.8	86.6
182	7.0	1.6	2.4#

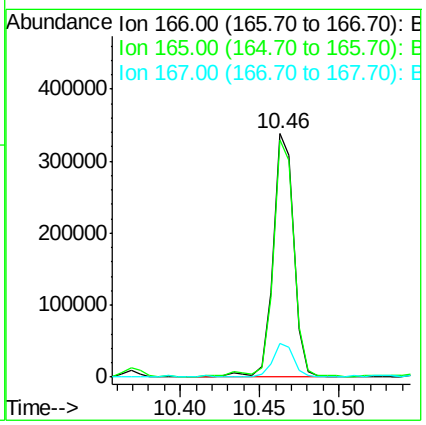


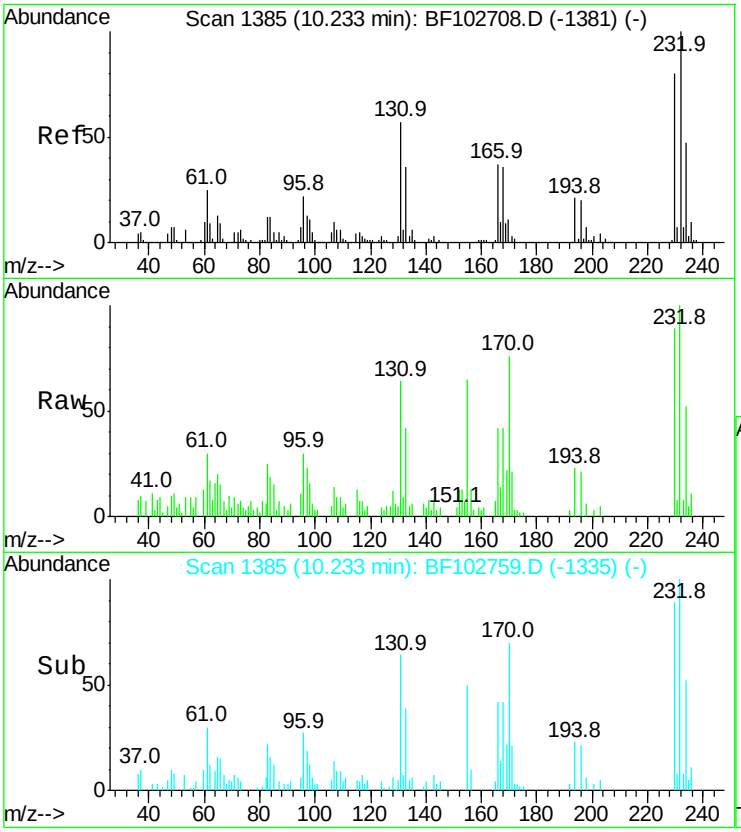


#57
Fluorene
Concen: 12.801 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:166 Resp: 307234

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.8	119.8
167	13.8	10.6	16.0



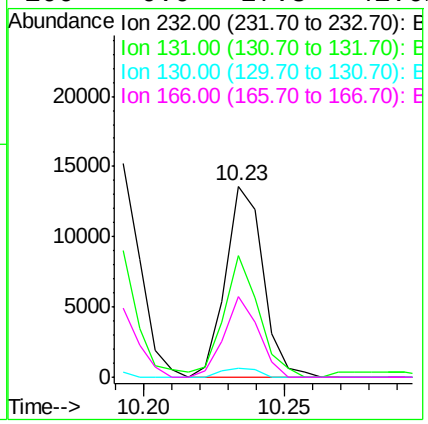


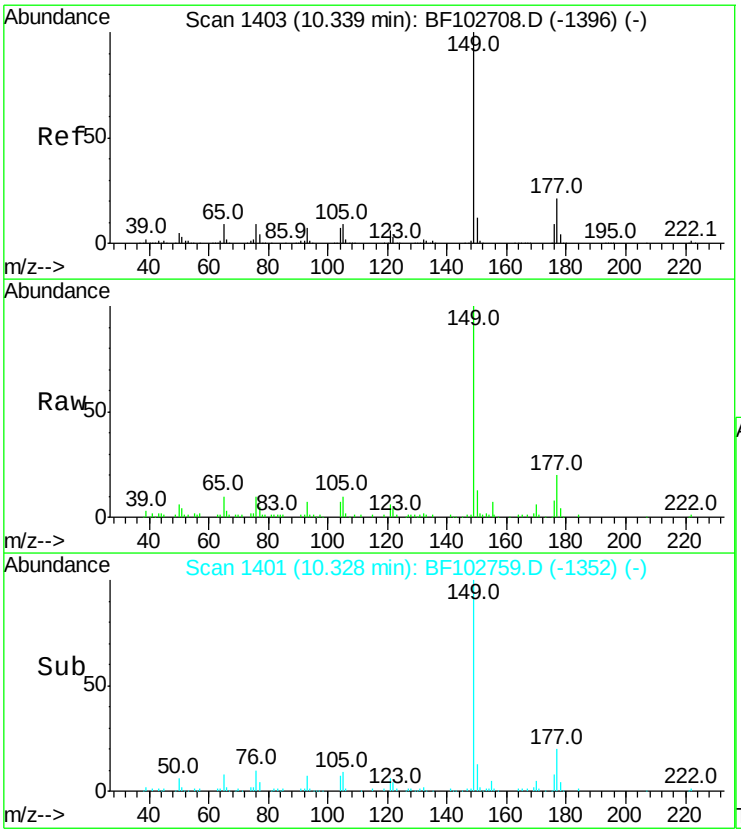
#58
2,3,4,6-Tetrachlorophenol
Concen: 2.372 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:232 Resp: 12594

Ion	Ratio	Lower	Upper
232	100		
131	59.6	43.8	65.8
130	4.9	2.1	3.1#
166	0.0	27.8	41.6#

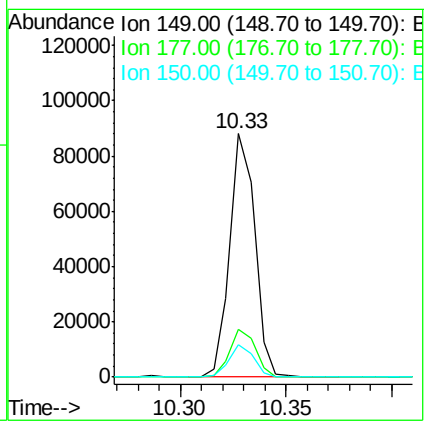


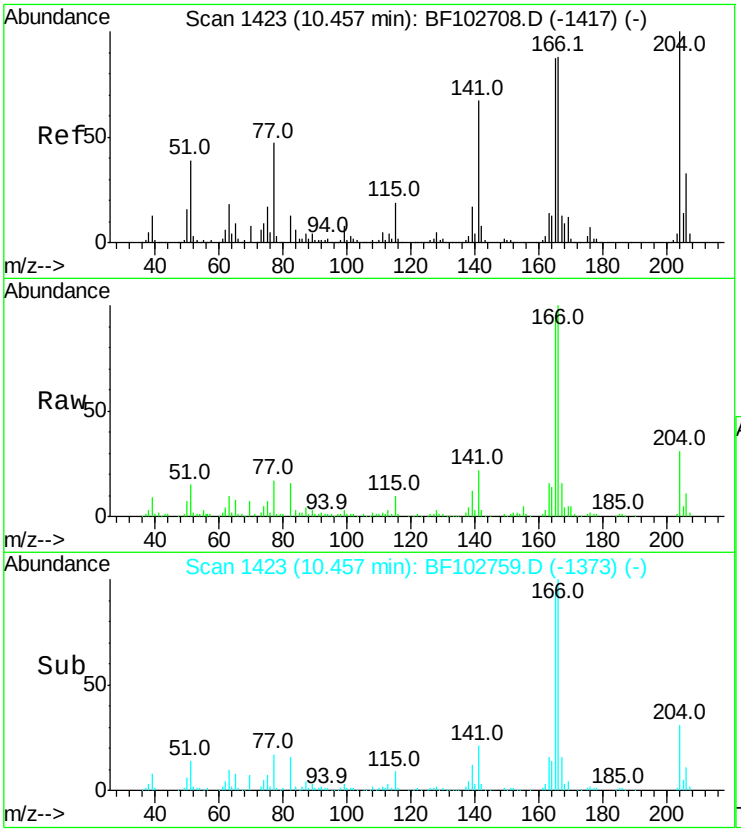


#59
Diethylphthalate
Concen: 2.465 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:149 Resp: 72121

Ion	Ratio	Lower	Upper
149	100		
177	19.9	16.1	24.1
150	13.4	10.1	15.1



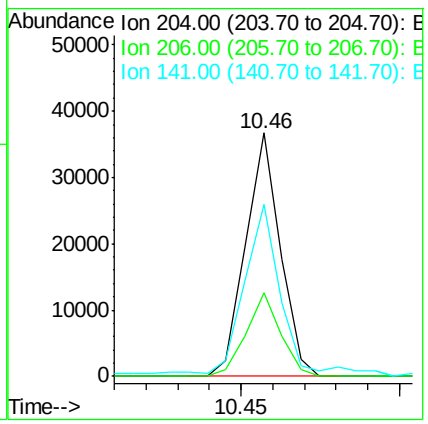


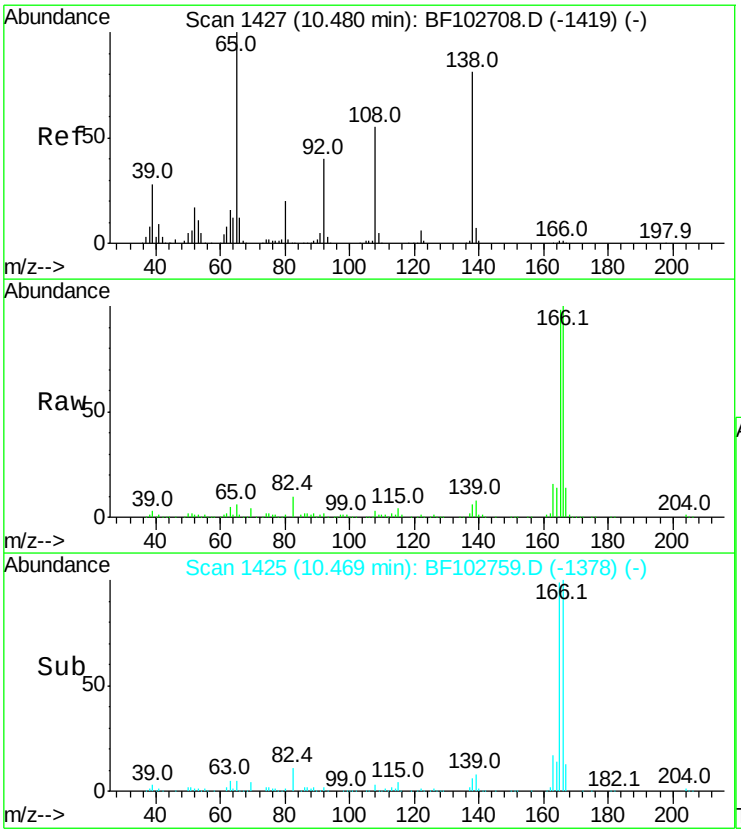
#60
4-Chlorophenyl-phenylether
Concen: 2.619 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:204 Resp: 27803

Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.5	39.7
141	70.6	54.6	81.8

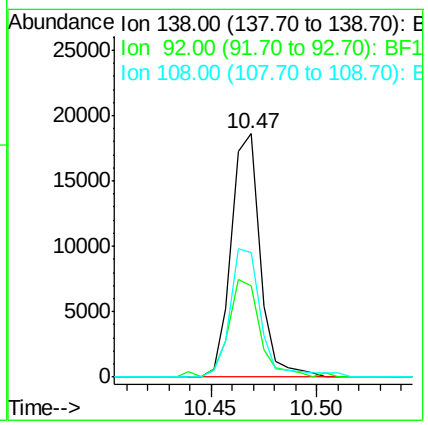


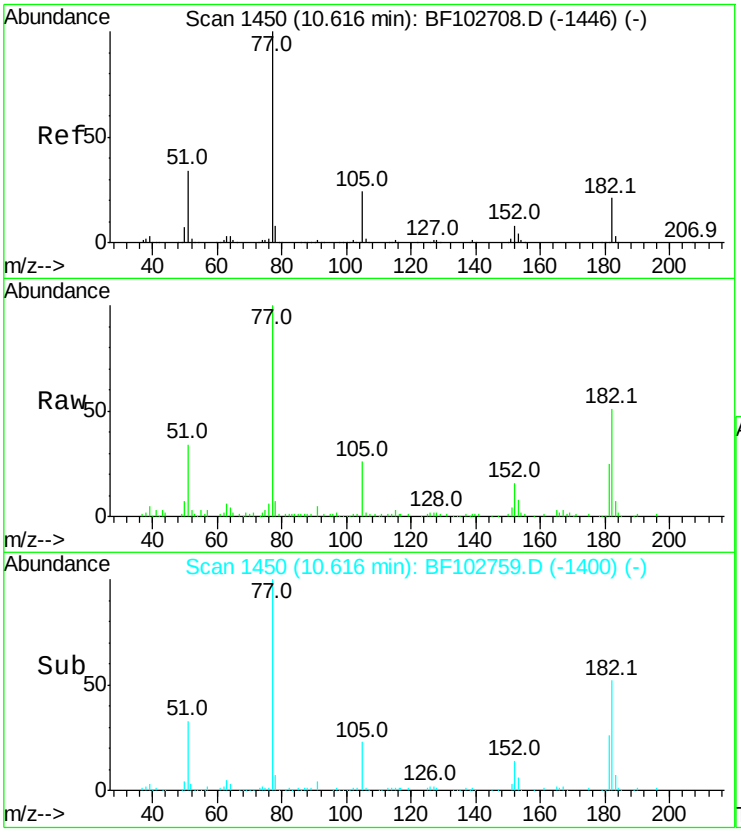


#61
4-Nitroaniline
Concen: 2.670 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:138 Resp: 17629

Ion	Ratio	Lower	Upper
138	100		
92	37.4	30.2	70.2
108	51.1	52.5	92.5#



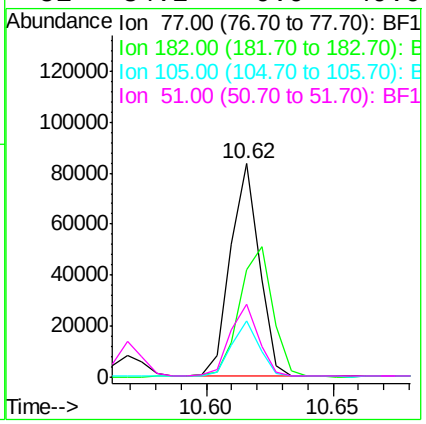


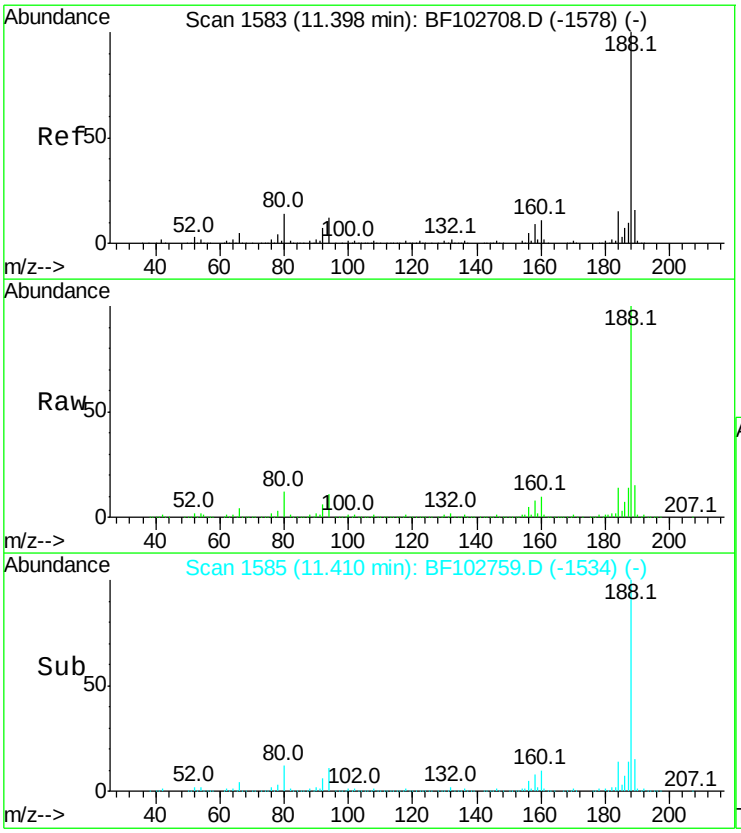
#62
Azobenzene
Concen: 2.254 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 65894

Ion	Ratio	Lower	Upper
77	100		
182	50.6	1.7	41.7#
105	26.5	3.0	43.0
51	34.2	9.9	49.9

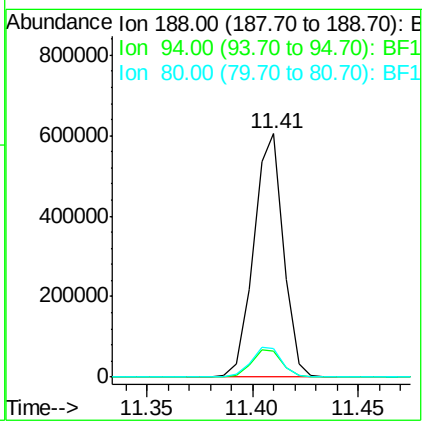


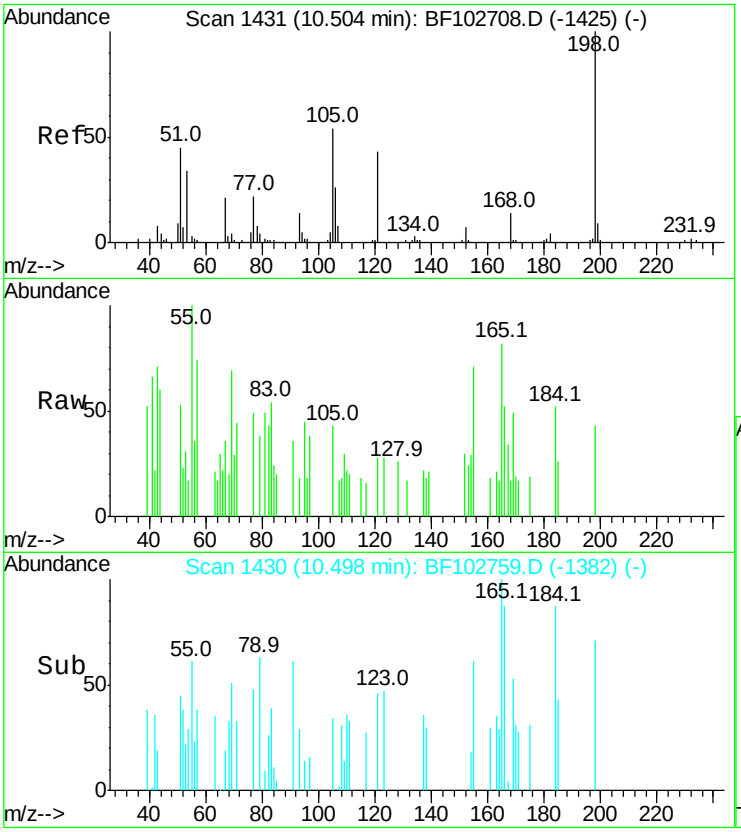


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:188 Resp: 588888

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.8	9.2	13.8



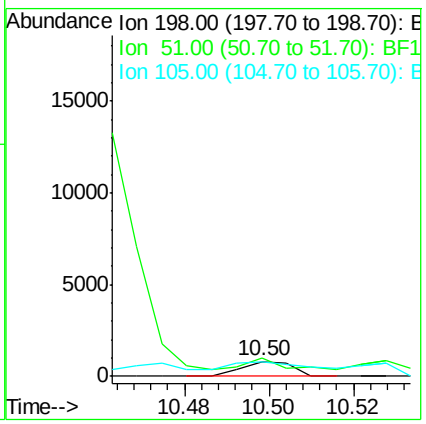


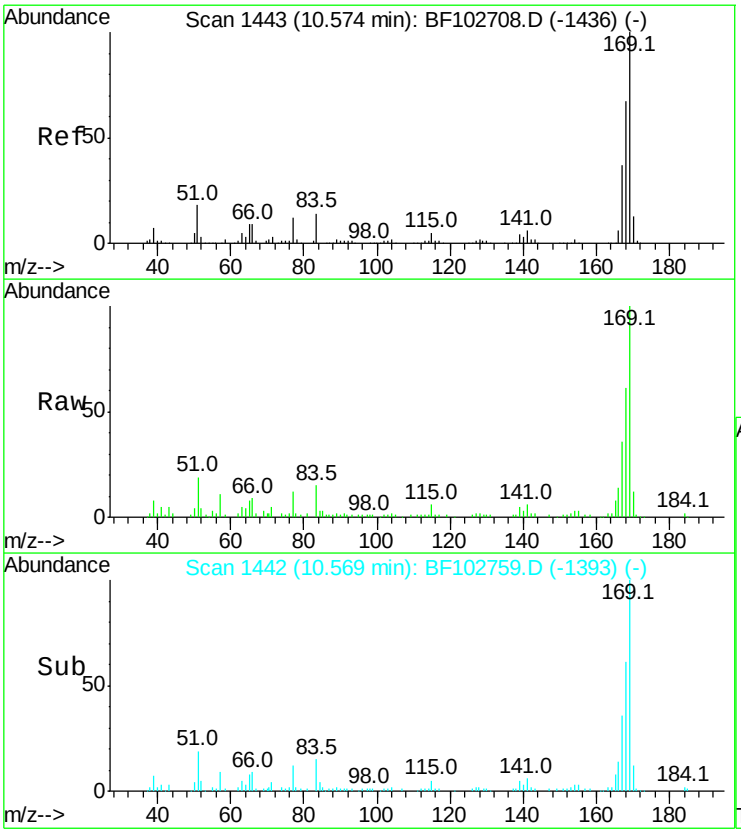
#64
4,6-Dinitro-2-methylphenol
Concen: 9.044 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 668

Ion	Ratio	Lower	Upper
198	100		
51	124.5	37.7	77.7#
105	100.9	36.3	76.3#

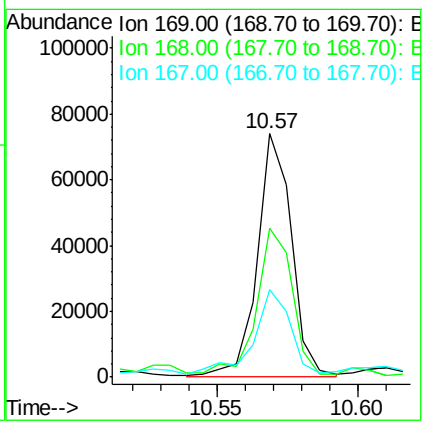


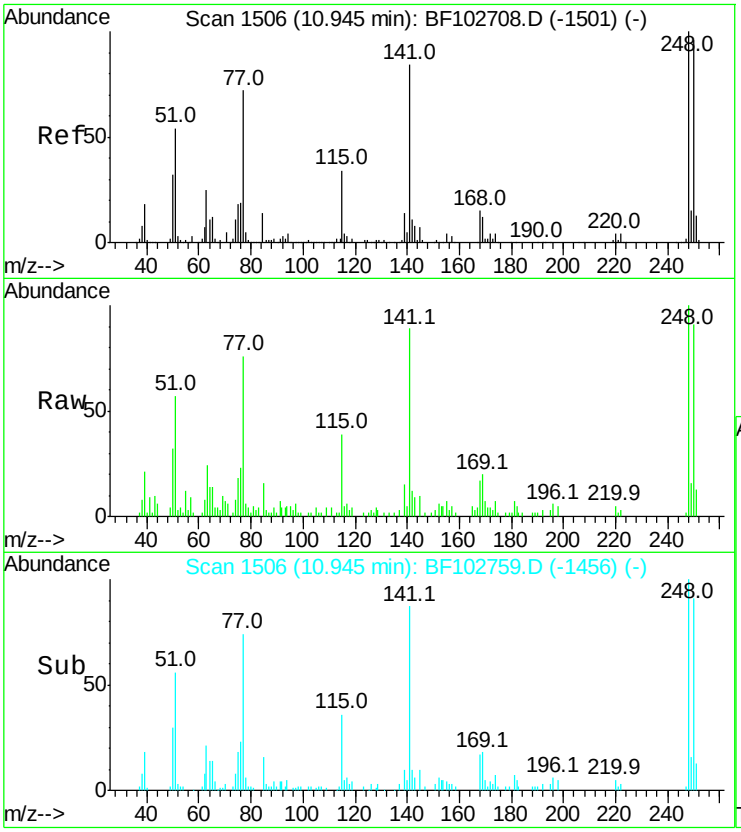


#65
n-Nitrosodiphenylamine
Concen: 2.985 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:169 Resp: 62006

Ion	Ratio	Lower	Upper
169	100		
168	61.2	54.4	81.6
167	35.8	29.8	44.6



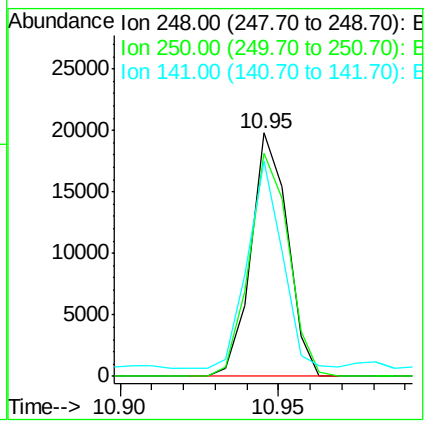


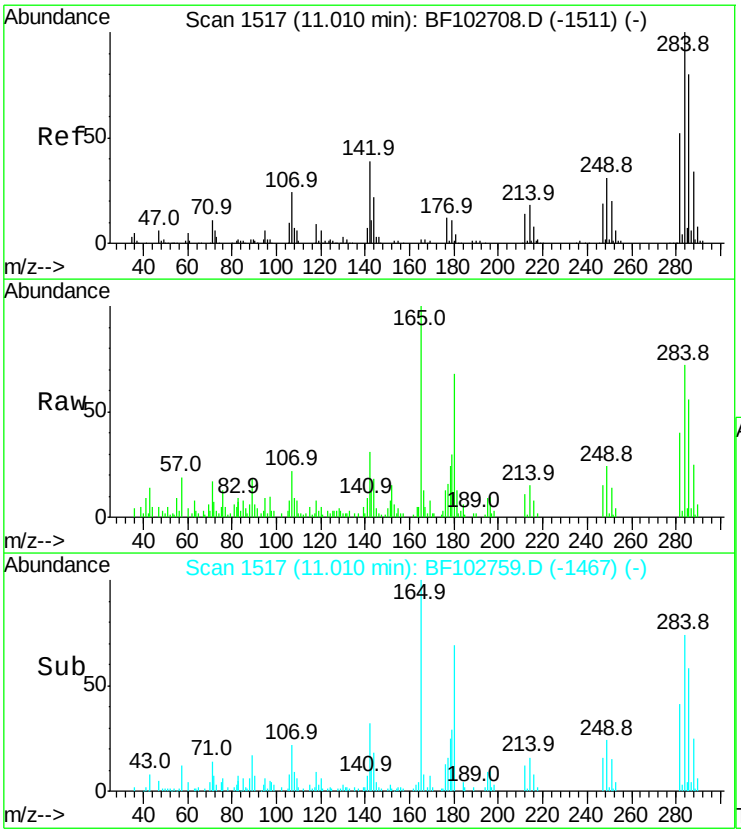
#66
4-Bromophenyl-phenylether
Concen: 2.545 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15856

Ion	Ratio	Lower	Upper
248	100		
250	91.4	76.9	115.3
141	88.6	74.4	111.6

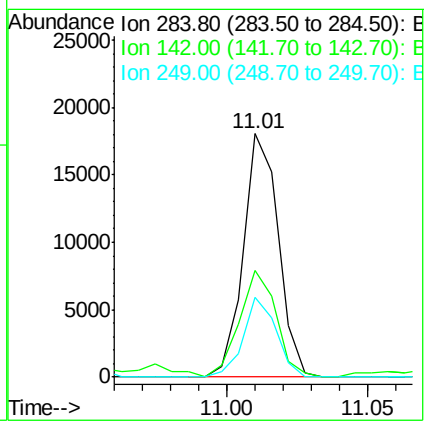


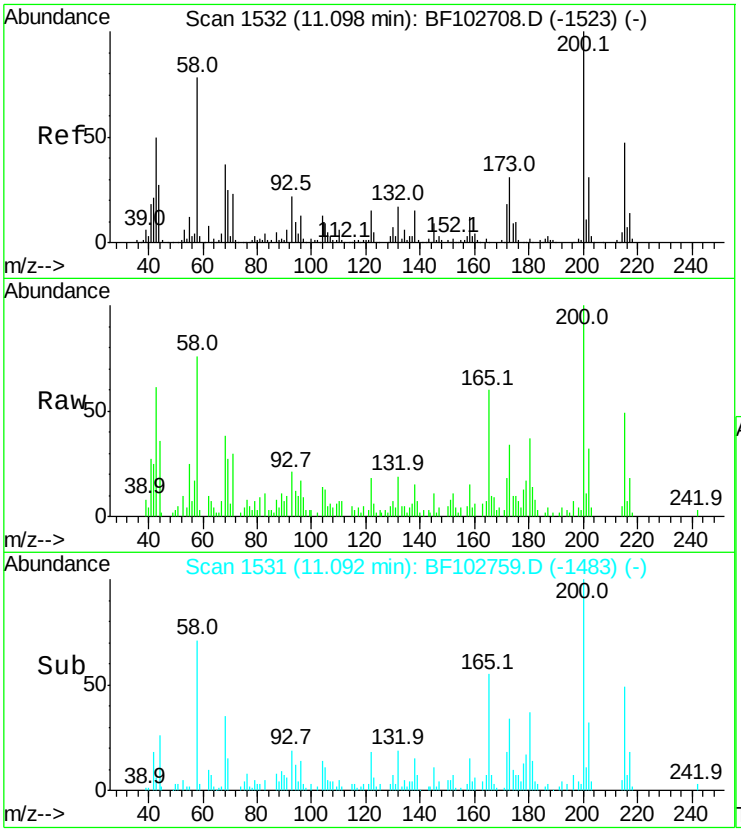


#67
Hexachlorobenzene
Concen: 2.253 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:284 Resp: 15481

Ion	Ratio	Lower	Upper
284	100		
142	43.7	34.6	52.0
249	32.9	24.8	37.2



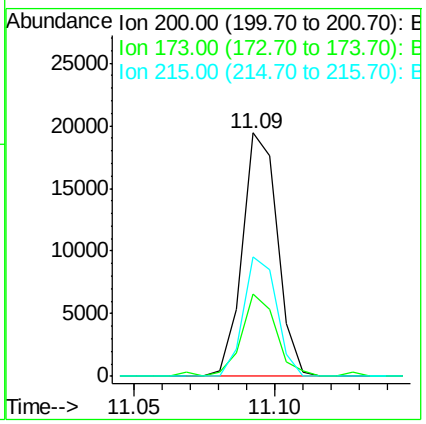


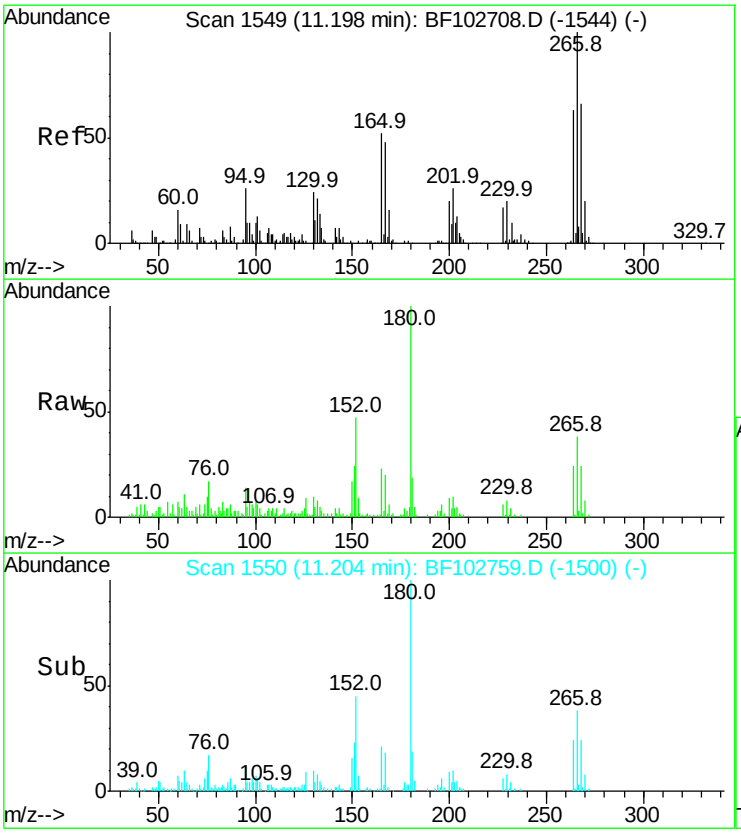
#68
Atrazine
Concen: 2.723 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.02 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 16688

Ion	Ratio	Lower	Upper
200	100		
173	33.6	8.6	48.6
215	49.3	25.1	65.1

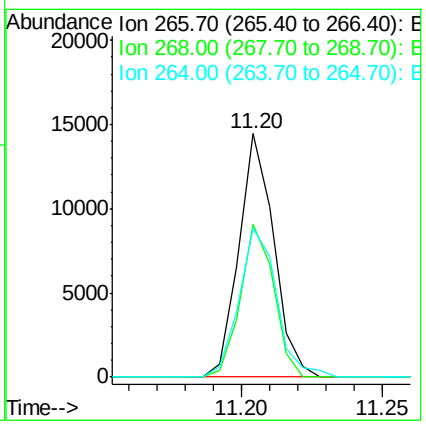


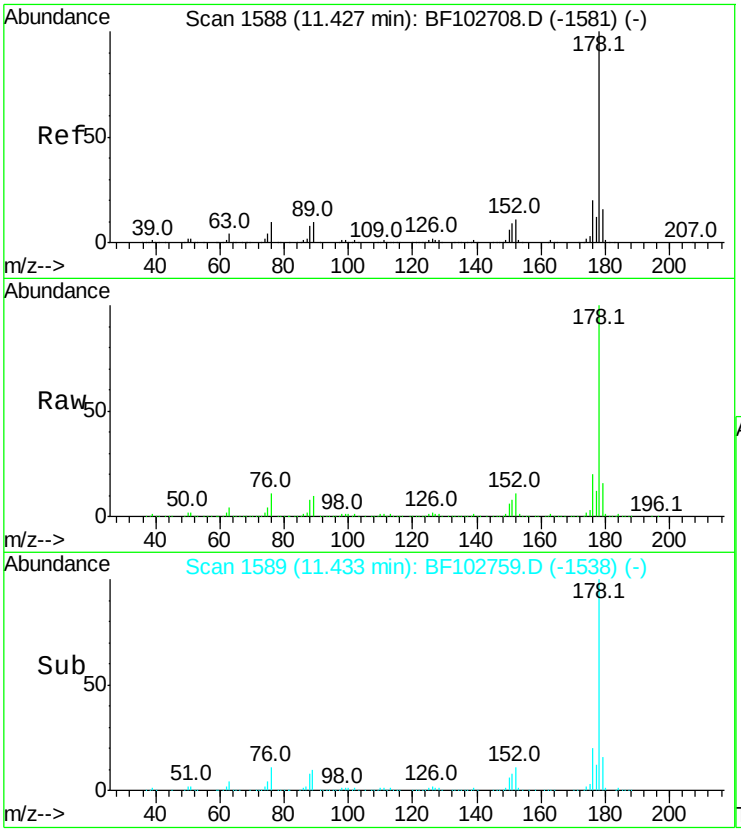


#69
Pentachlorophenol
Concen: 3.073 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:266 Resp: 12398

Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.1	76.7
264	61.4	49.5	74.3



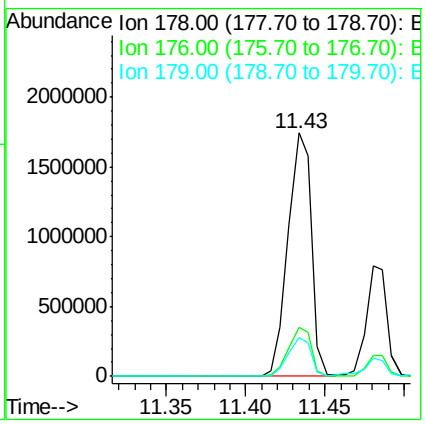


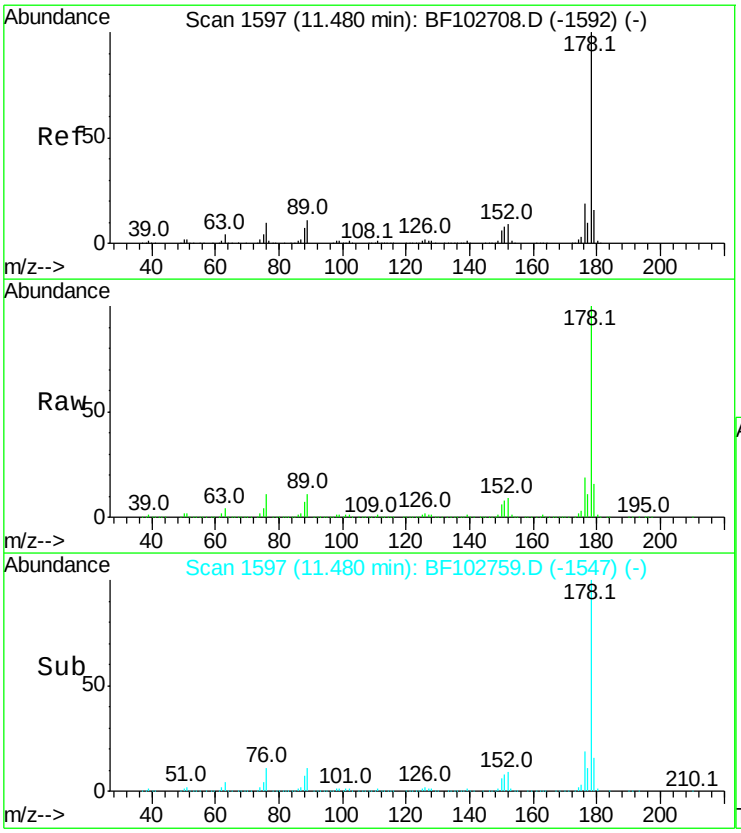
#70
Phenanthrene
Concen: 54.205 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1777765

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.9	13.0	19.6

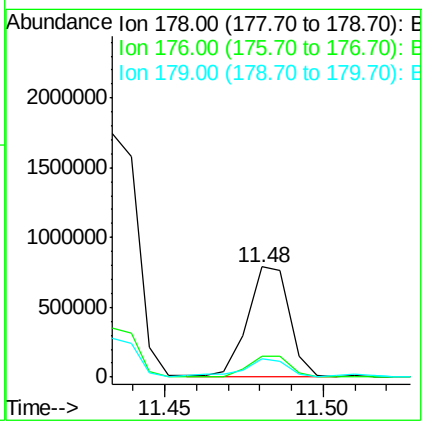


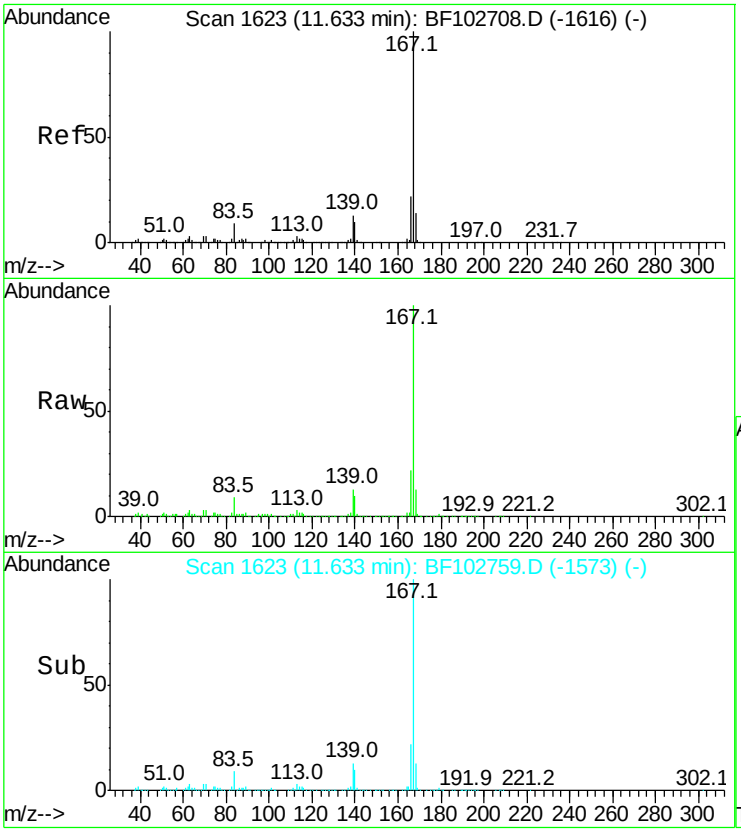


#71
Anthracene
Concen: 21.536 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:178 Resp: 718378

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	16.3	12.6	19.0



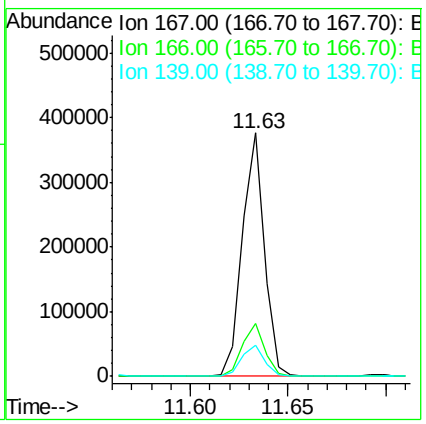


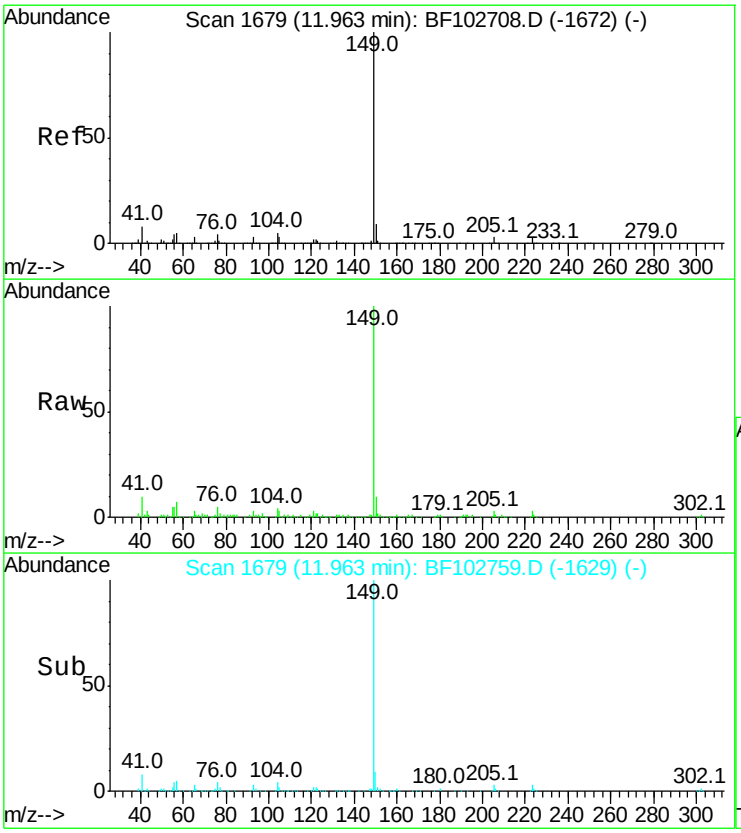
#72
Carbazole
Concen: 9.024 ng
RT: 11.63 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 294907

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.9	10.9	16.3

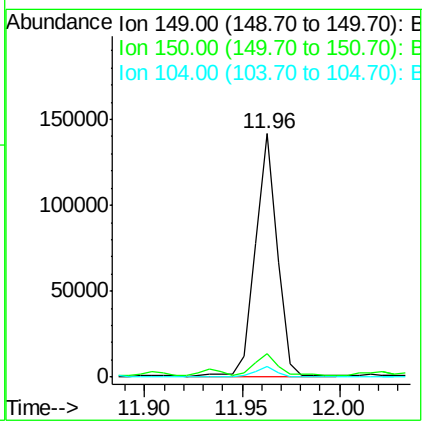


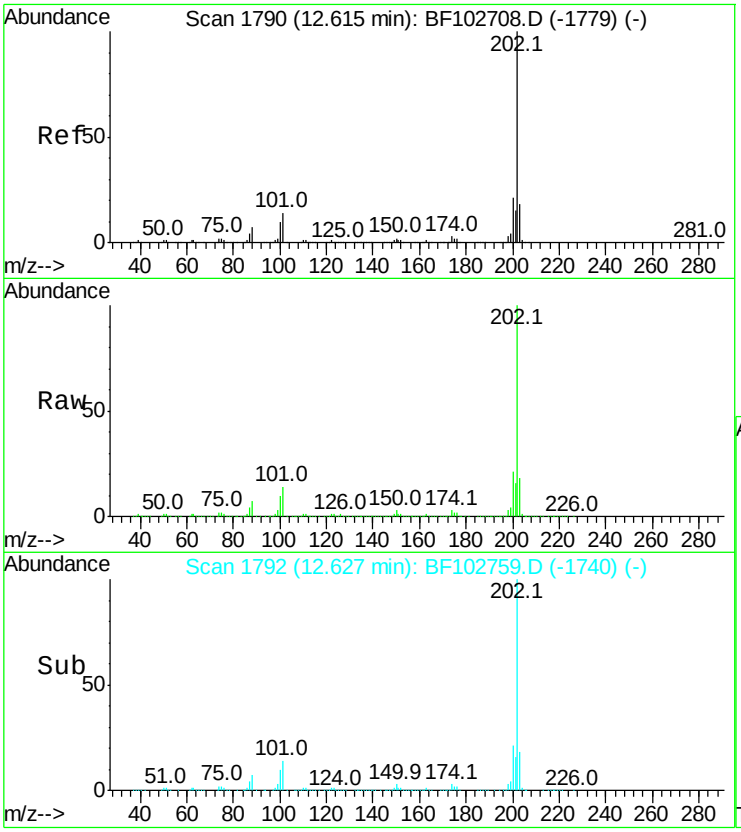


#73
Di-n-butylphthalate
Concen: 2.732 ng
RT: 11.96 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:149 Resp: 108474

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.3	3.8	5.8



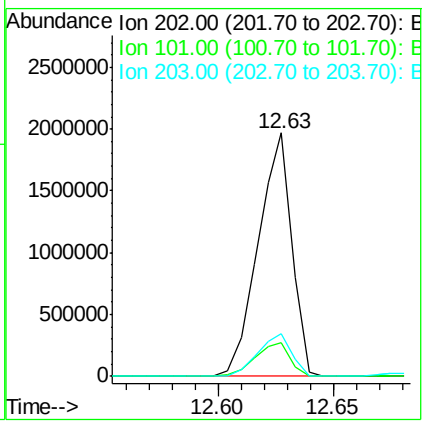


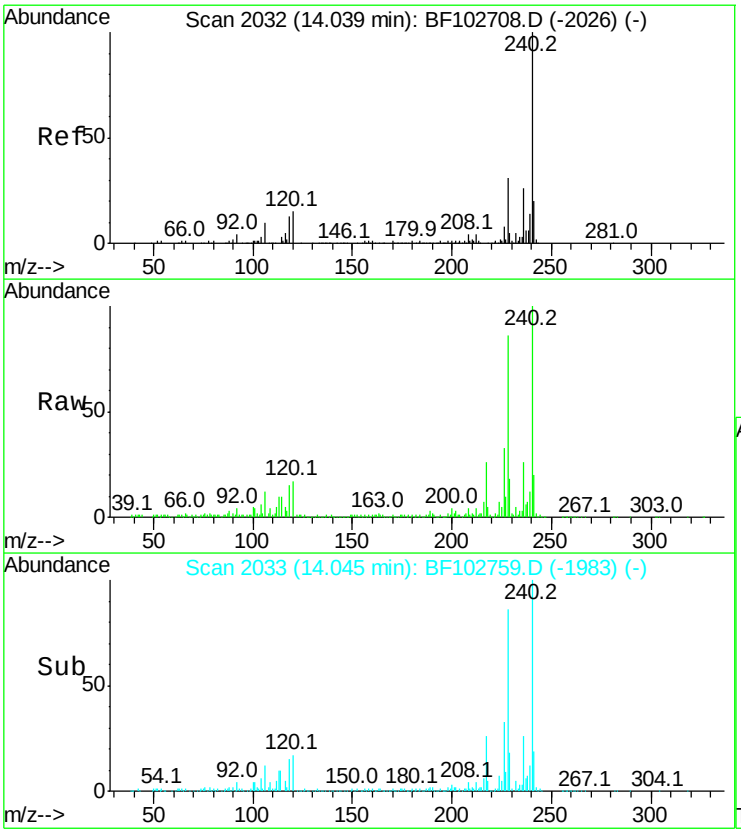
#74
Fluoranthene
Concen: 60.309 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1990056

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.1
203	17.7	0.0	38.1

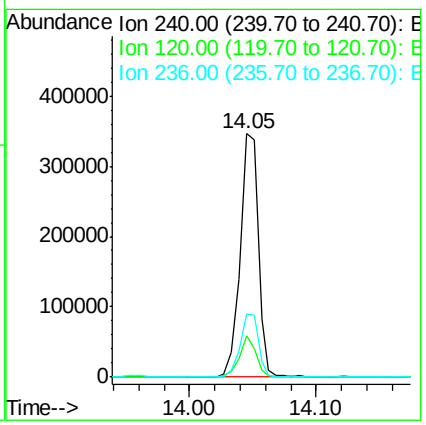


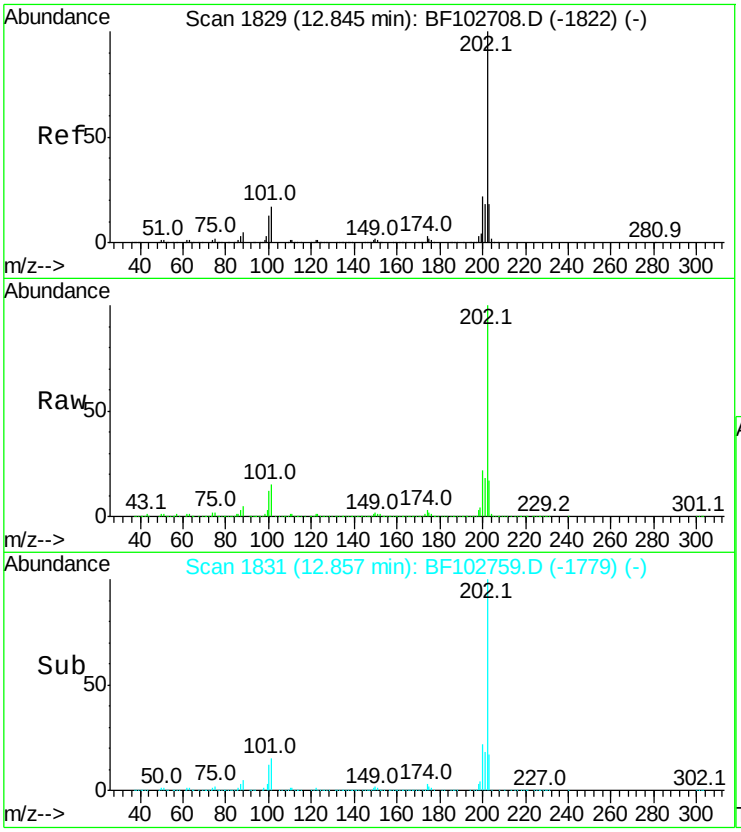


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:240 Resp: 339362

Ion	Ratio	Lower	Upper
240	100		
120	16.9	9.5	14.3#
236	26.0	20.7	31.1



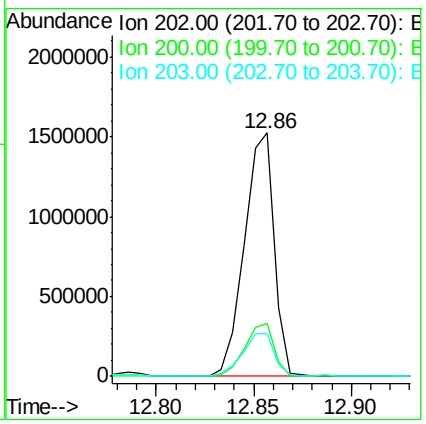


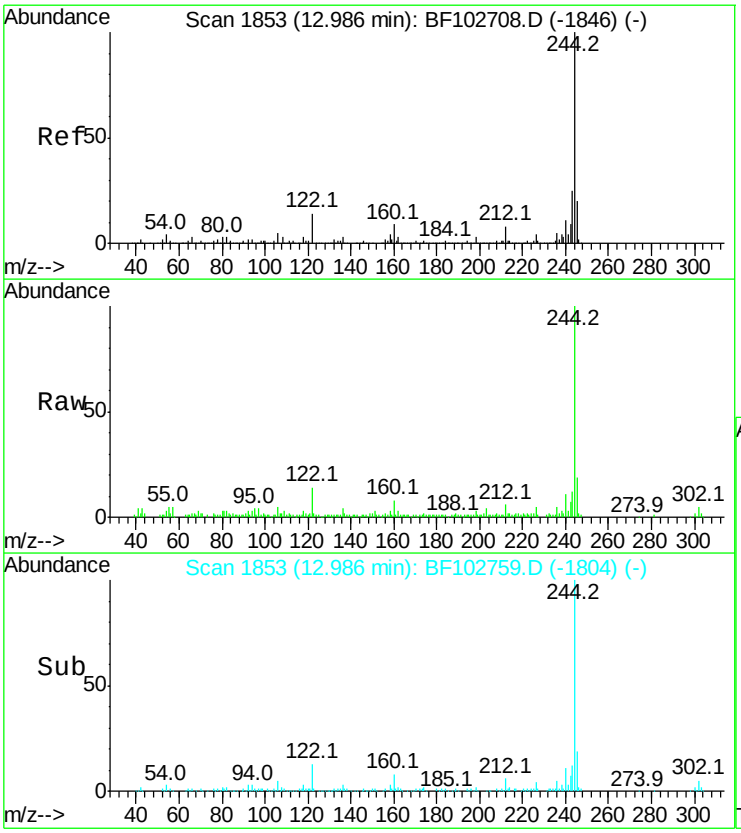
#77
Pyrene
Concen: 60.428 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1608062

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.5	14.3	21.5

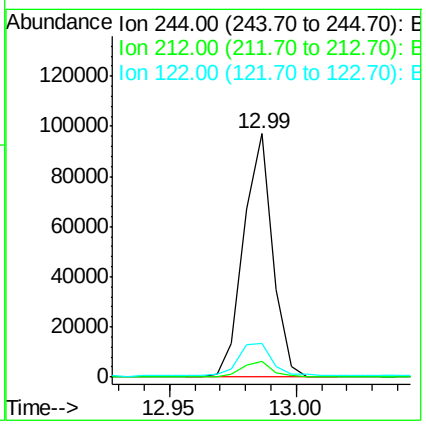


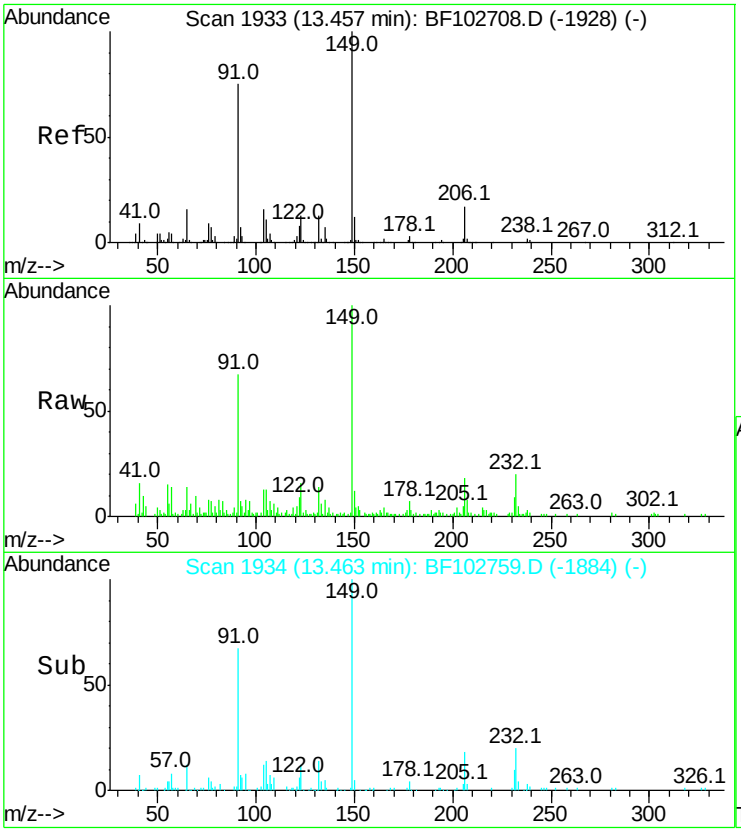


#78
Terphenyl-d14
Concen: 5.383 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:244 Resp: 77149

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	13.8	11.0	16.4



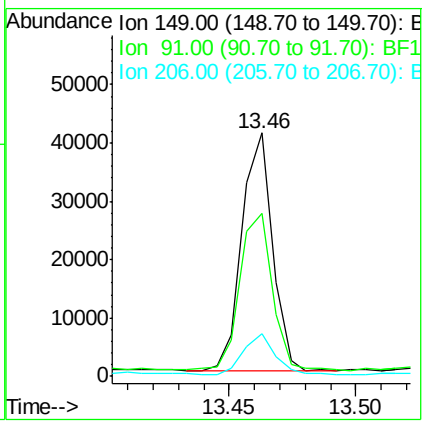


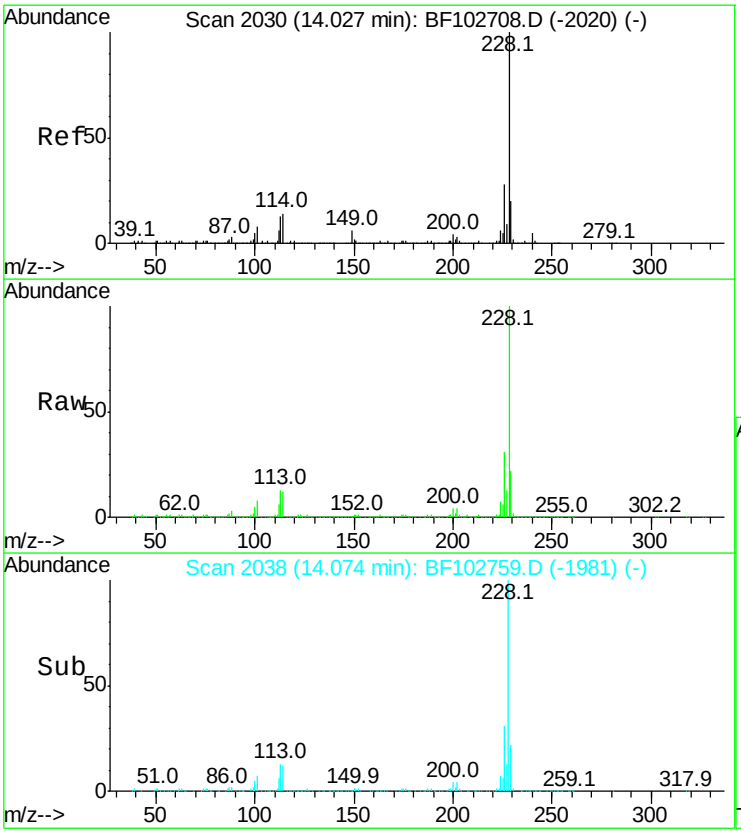
#79
Butylbenzylphthalate
Concen: 3.674 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 34464

Ion	Ratio	Lower	Upper
149	100		
91	67.1	56.8	85.2
206	17.5	14.1	21.1

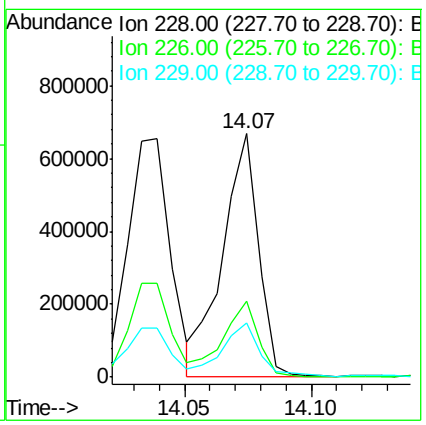


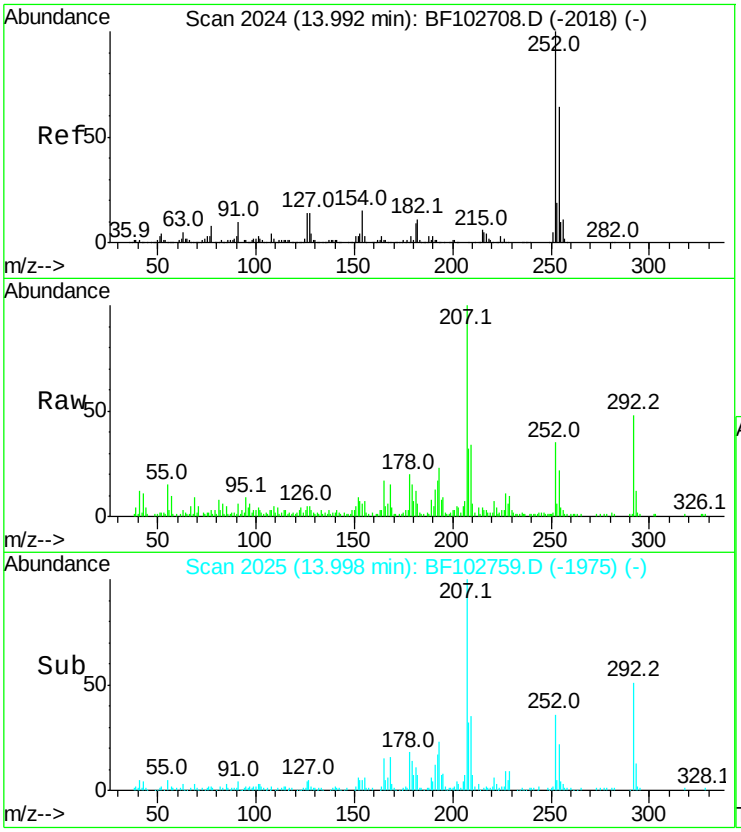


#80
Benzo(a)anthracene
Concen: 30.817 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.04 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:228 Resp: 657723

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.6	33.8
229	22.2	15.8	23.6



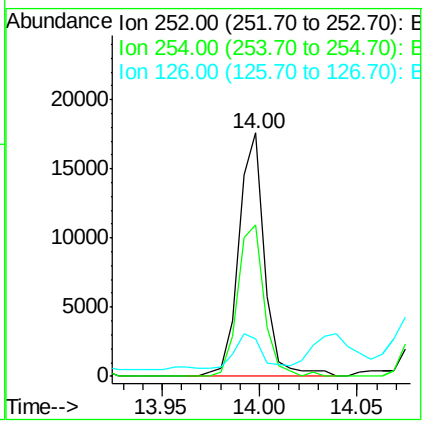


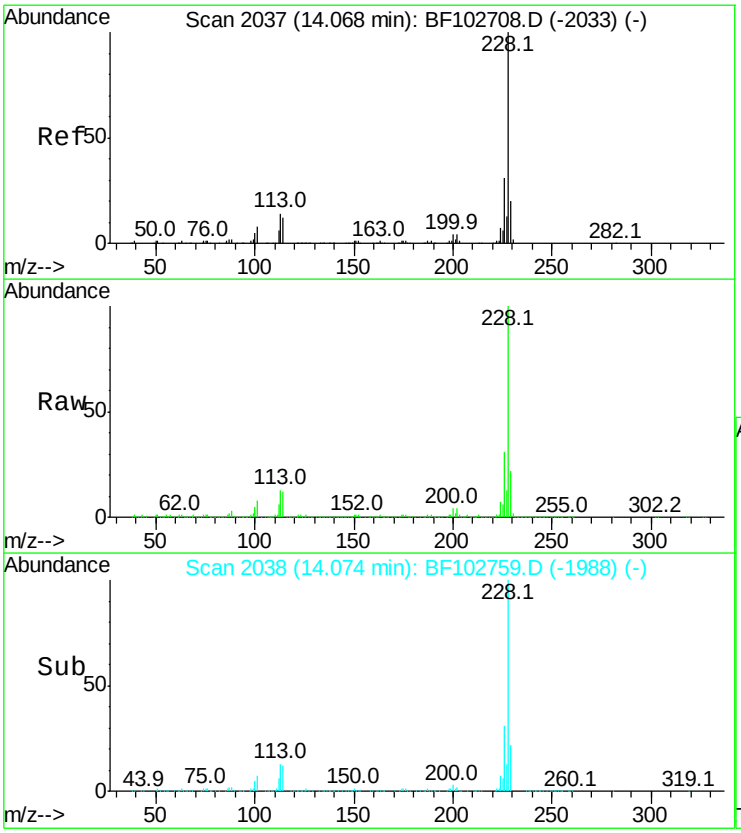
#81
3,3'-Dichlorobenzidine
Concen: 2.036 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 16111

Ion	Ratio	Lower	Upper
252	100		
254	62.4	50.4	75.6
126	15.7	11.3	16.9

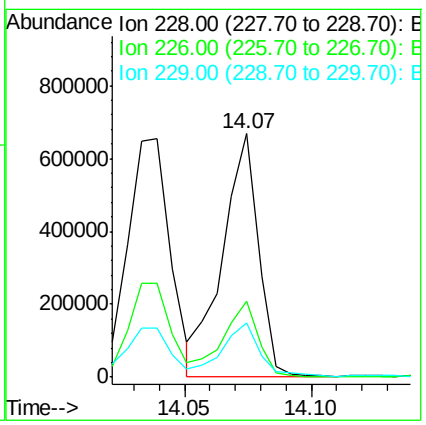


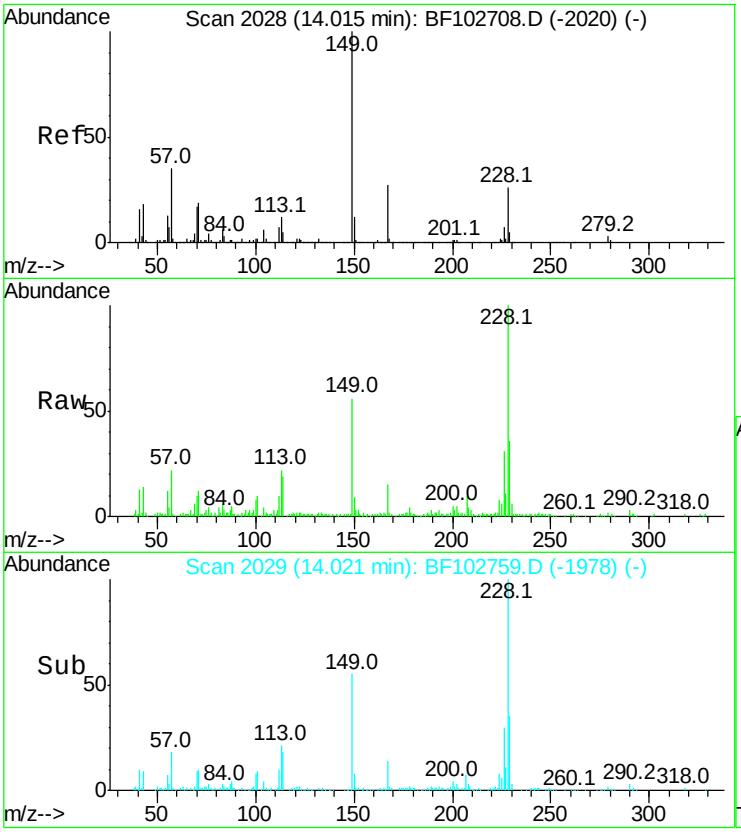


#82
Chrysene
Concen: 30.571 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:228 Resp: 657723

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.2	16.2	24.4



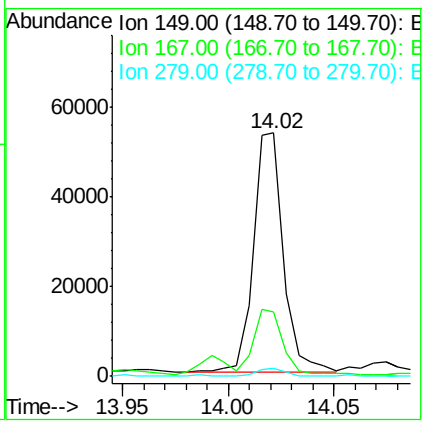


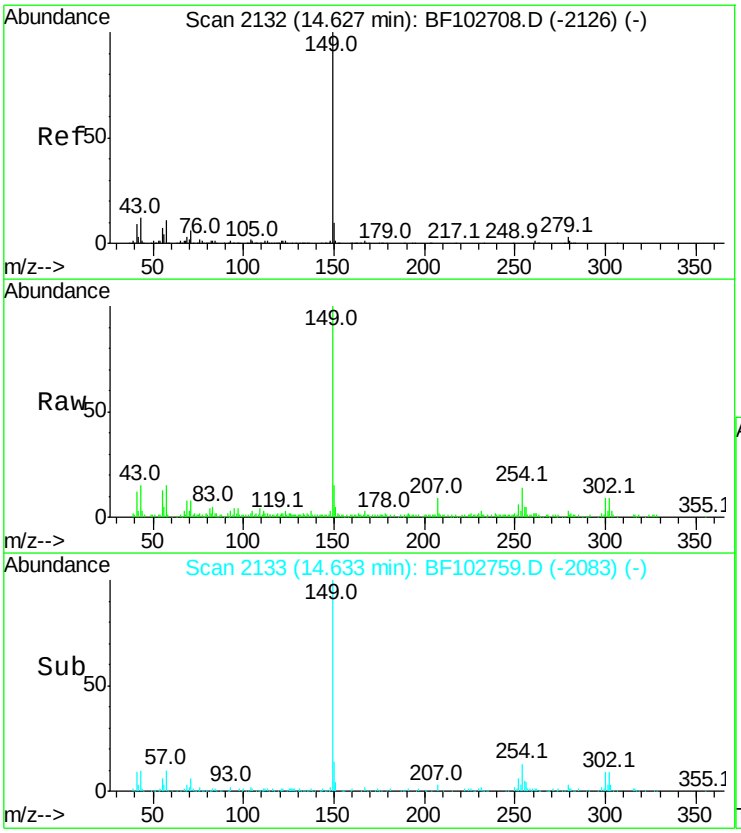
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.222 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 52520

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.4	3.0	4.4

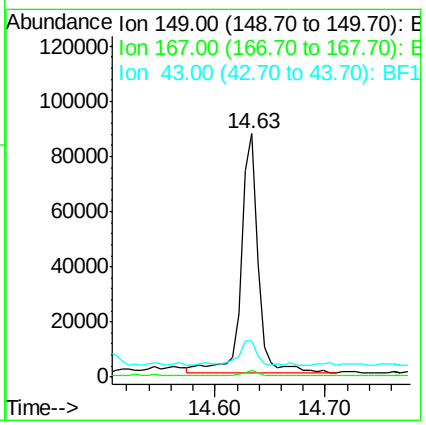


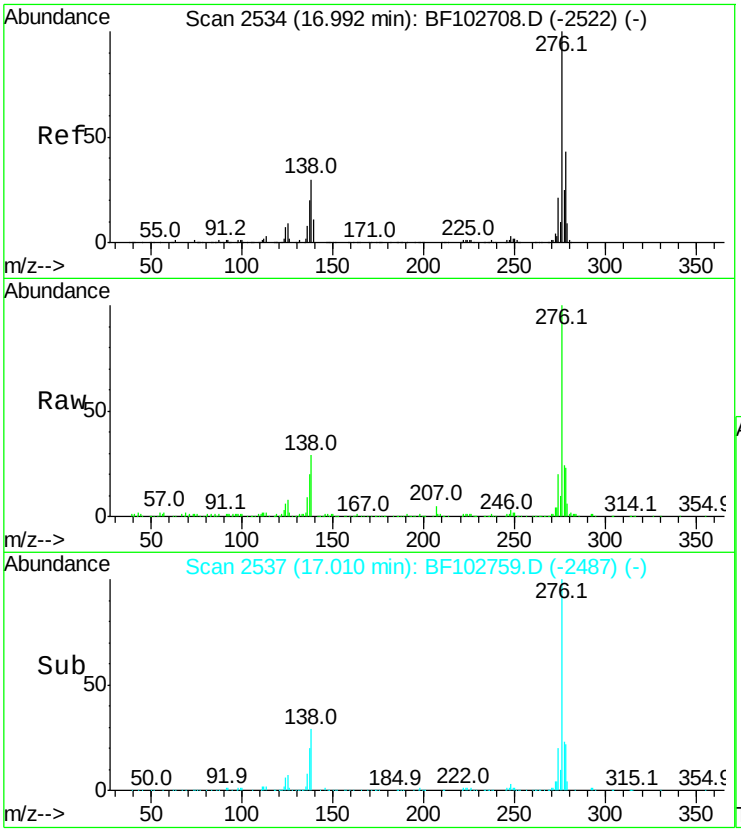


#84
Di-n-octyl phthalate
Concen: 3.840 ng
RT: 14.63 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:149 Resp: 93997

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8#
43	10.9	8.4	12.6



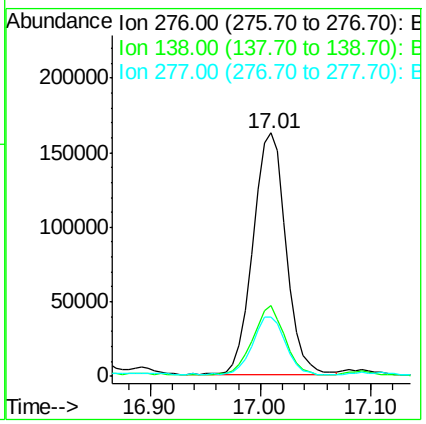


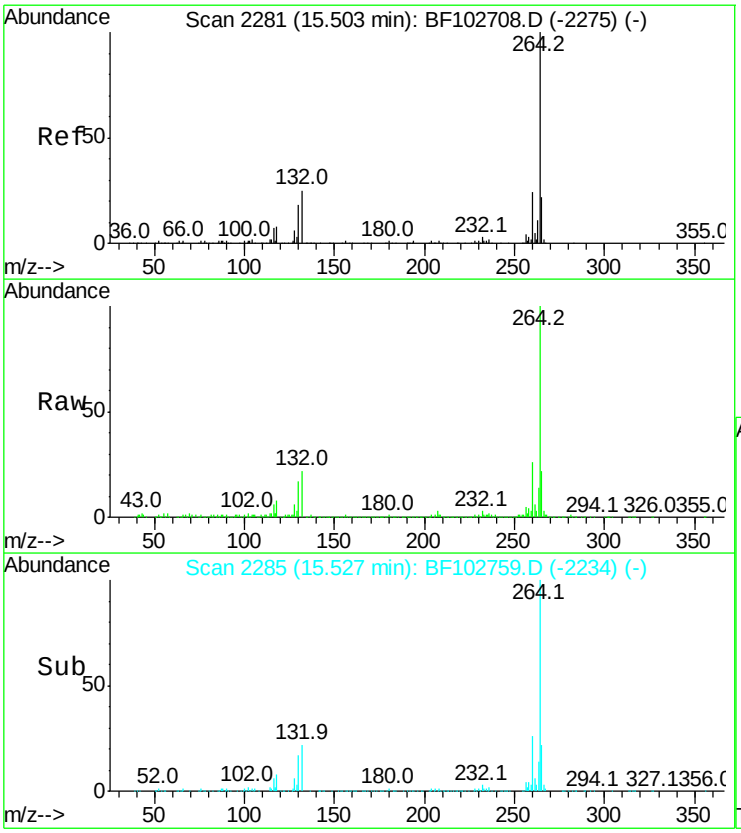
#85
Indeno(1,2,3-cd)pyrene
Concen: 18.996 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 338960

Ion	Ratio	Lower	Upper
276	100		
138	27.9	25.0	37.6
277	24.1	20.1	30.1

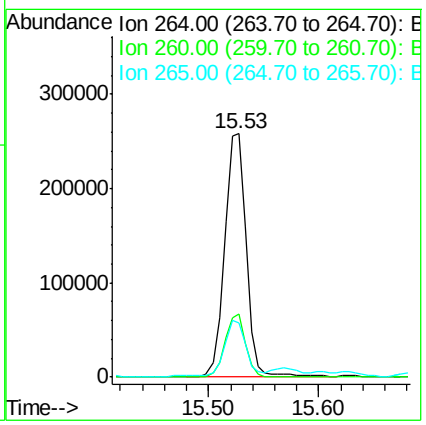


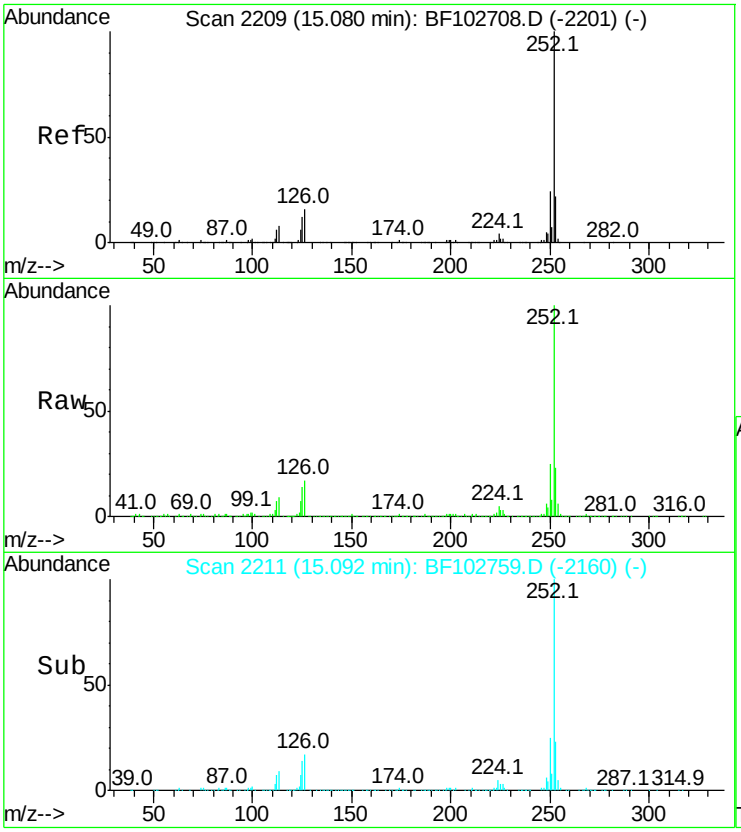


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:264 Resp: 350599

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.2	28.8
265	22.2	17.5	26.3



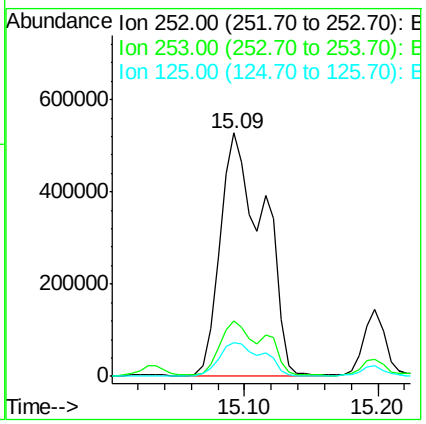


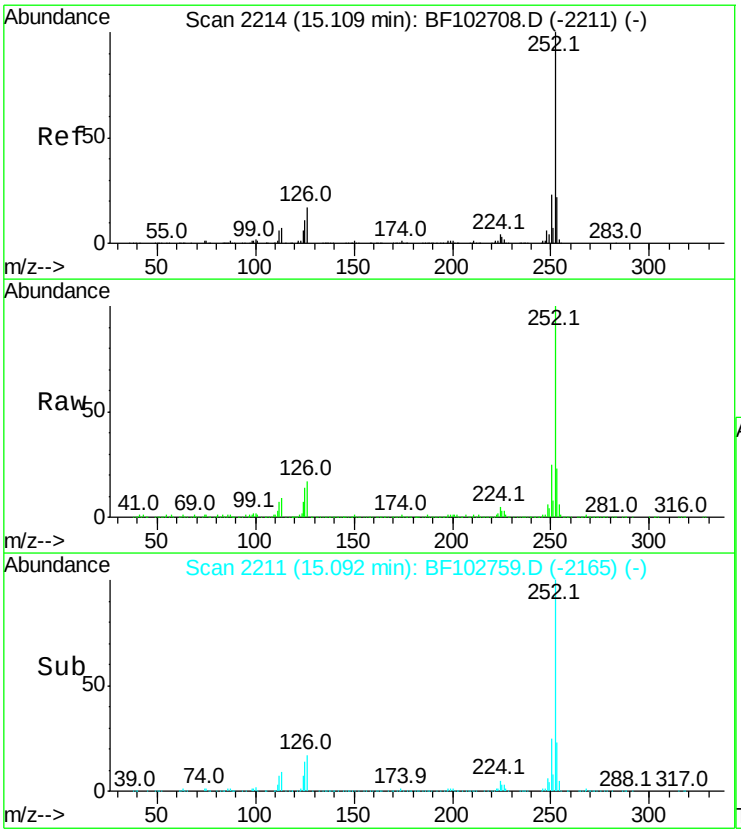
#87
Benzo(b)fluoranthene
Concen: 52.436 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1191913

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	14.1	9.0	13.6#

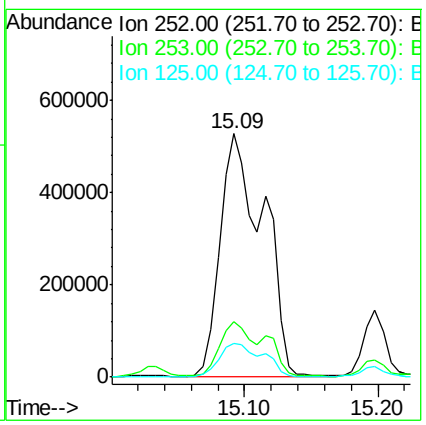


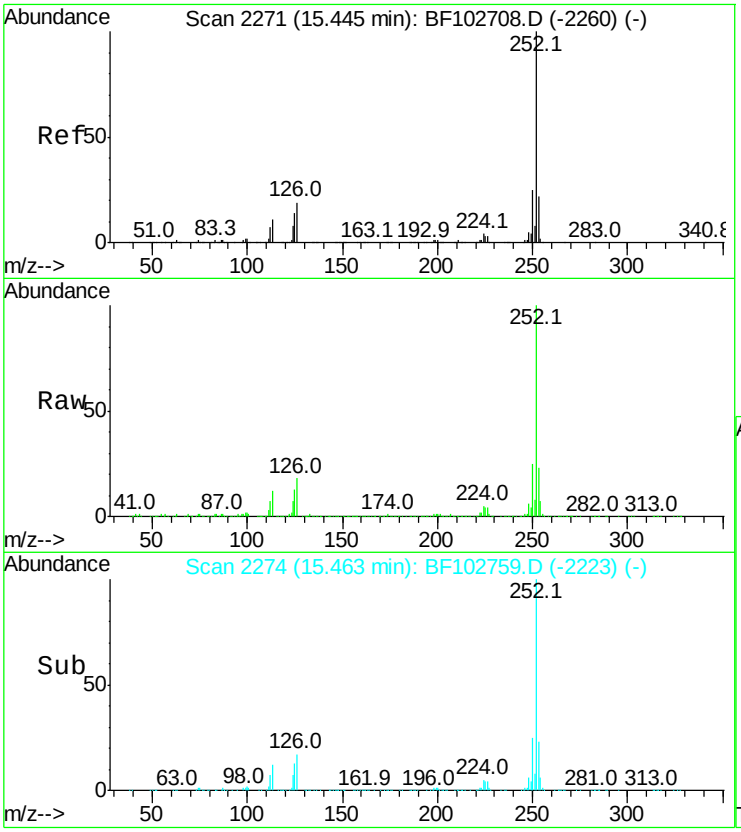


#88
Benzo(k)fluoranthene
Concen: 54.879 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.03 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:252 Resp: 1191913

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	14.1	10.2	15.2



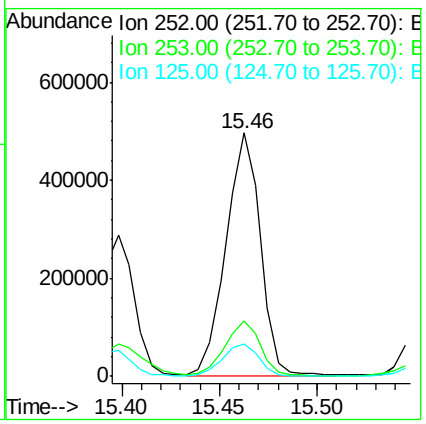


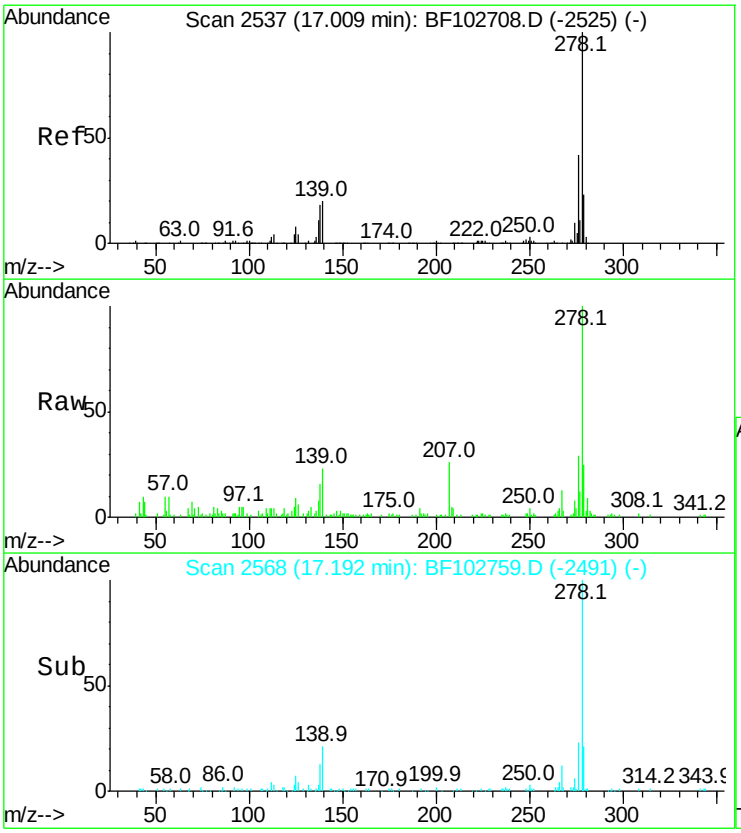
#89
Benzo(a)pyrene
Concen: 29.413 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 601801

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	13.5	9.8	14.6

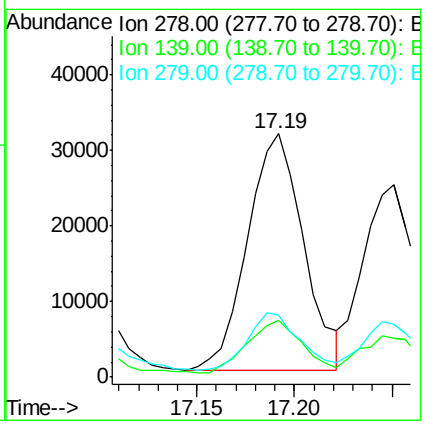


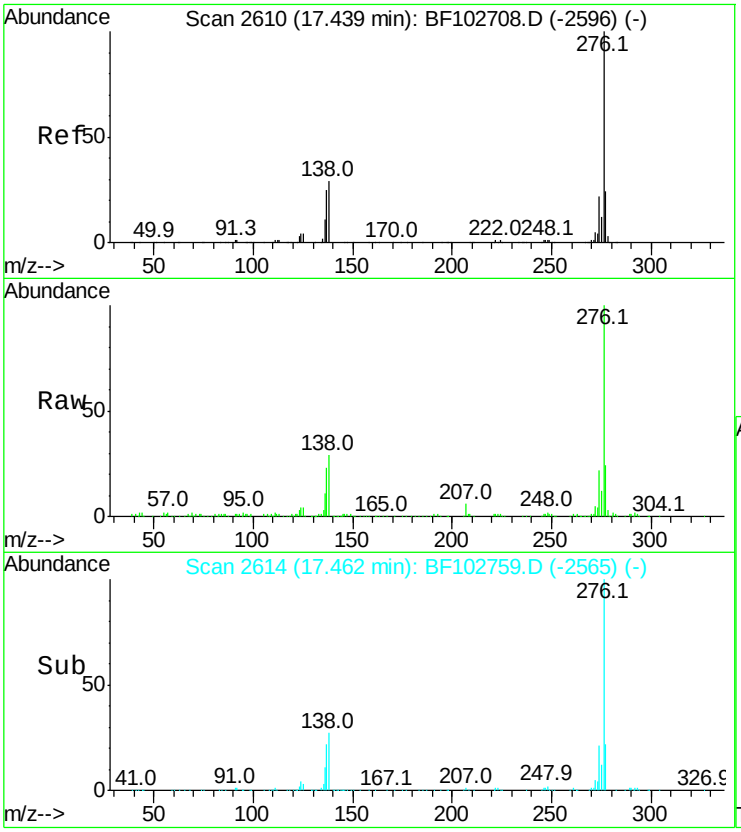


#90
Dibenzo(a,h)anthracene
Concen: 3.745 ng
RT: 17.19 min Scan# 2568
Delta R.T. 0.15 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:278 Resp: 62189

Ion	Ratio	Lower	Upper
278	100		
139	23.1	15.9	23.9
279	25.2	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 17.151 ng
RT: 17.46 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 278779

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	28.5	21.8	32.8