Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109208.D
Acq On : 22 Sep 2018 9:16
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 22 11:12:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 11:08:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104642	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	423194	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	210061	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	416049	20.00	ng		0.00
75) Chrysene-d12	13.83	240	381935	20.00	ng		-0.01
86) Perylene-d12	15.23	264	386093	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	34436	5.47	ng		0.00
7) Phenol-d6	6.33	99	45418	5.59	ng		-0.02
23) Nitrobenzene-d5	7.26	82	33321	4.42	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	10108	4.43	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	91809	6.85	ng		-0.01
78) Terphenyl-d14	12.79	244	84989	5.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	7321	2.44	ng		94
4) n-Nitrosodimethylamine	3.02	42	7568	2.52	ng	#	93
6) Aniline	6.36	93	28446	2.71	ng		96
8) 2-Chlorophenol	6.49	128	19756	2.80	ng		92
9) Benzaldehyde	6.25	77	16340	3.15	ng		96
10) Phenol	6.34	94	25846	2.83	ng		96
11) bis(2-Chloroethyl)ether	6.43	93	20416	2.84	ng		94
12) 1,3-Dichlorobenzene	6.65	146	22947	2.85	ng		97
13) 1,4-Dichlorobenzene	6.72	146	23496	2.90	ng		97
14) 1,2-Dichlorobenzene	6.87	146	21778	2.90	ng		95
15) Benzyl Alcohol	6.84	79	16077	2.61	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.99	45	28560	2.77	ng		95
17) 2-Methylphenol	6.96	107	15809	2.75	ng		99
18) Hexachloroethane	7.22	117	7790	2.65	ng		92
19) n-Nitroso-di-n-propylamine	7.11	70	14761	2.75	ng		97
20) 3+4-Methylphenols	7.11	107	19622	2.83	ng	#	52
22) Acetophenone	7.11	105	28708	2.99	ng	#	95
24) Nitrobenzene	7.27	77	18841	2.42	ng		92
25) Isophorone	7.52	82	35076	2.70	ng		96
27) 2,4-Dimethylphenol	7.64	122	14952	2.62	ng		96
28) bis(2-Chloroethoxy)methane	7.74	93	23723	2.72	ng		97
29) 2,4-Dichlorophenol	7.84	162	15123	2.49	ng		95
30) 1,2,4-Trichlorobenzene	7.93	180	18976	2.89	ng		98
31) Naphthalene	8.00	128	58194	2.96	ng		99
33) 4-Chloroaniline	8.05	127	24969	2.86	ng		97
34) Hexachlorobutadiene	8.13	225	10951	2.73	ng		92
35) Caprolactam	8.37	113	4369	2.21	ng		89
36) 4-Chloro-3-methylphenol	8.53	107	15620	2.44	ng		94
37) 2-Methylnaphthalene	8.70	142	36885	2.88	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	19021	2.88	ng		97
42) 2,4,6-Trichlorophenol	8.97	196	10742	2.42	ng		99
43) 2,4,5-Trichlorophenol	9.01	196	10872	2.34	ng		97
45) 1,1'-Biphenyl	9.16	154	49768	2.96	ng		98
46) 2-Chloronaphthalene	9.18	162	39478	2.93	ng		97

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109208.D
Acq On : 22 Sep 2018 9:16
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 22 11:12:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 11:08:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	9.59	152	58925	2.90	ng		99
49) Dimethylphthalate	9.46	163	43309	2.88	ng	#	96
51) Acenaphthene	9.77	154	35082	2.78	ng		96
54) Dibenzofuran	9.93	168	55404	3.03	ng		99
57) Fluorene	10.28	166	40666	3.34	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	8311	2.16	ng	#	90
59) Diethylphthalate	10.16	149	43785	2.89	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	21354	3.28	ng		96
62) Azobenzene	10.43	77	46862	3.02	ng		96
65) n-Nitrosodiphenylamine	10.39	169	39373	2.89	ng		95
66) 4-Bromophenyl-phenylether	10.76	248	13498	2.88	ng	#	83
67) Hexachlorobenzene	10.83	284	14290	2.85	ng	#	90
68) Atrazine	10.91	200	11924	2.74	ng		98
70) Phenanthrene	11.23	178	61726	3.03	ng		98
71) Anthracene	11.28	178	62881	3.04	ng		98
72) Carbazole	11.44	167	61799	3.02	ng		97
73) Di-n-butylphthalate	11.78	149	68545	2.86	ng		98
74) Fluoranthene	12.42	202	65877	3.06	ng		96
76) Benzidine	12.53	184	35938	2.66	ng		98
77) Pyrene	12.64	202	69276	2.44	ng		99
80) Benzo(a)anthracene	13.82	228	63636	2.75	ng		97
81) 3,3'-Dichlorobenzidine	13.79	252	21328	2.29	ng		95
82) Chrysene	13.86	228	59360	2.57	ng		97
83) Bis(2-ethylhexyl)phthalate	13.83	149	35053	2.28	ng		99
84) Di-n-octyl phthalate	14.44	149	56006	2.15	ng		98
85) Indeno(1,2,3-cd)pyrene	16.56	276	53932	2.92	ng		93
87) Benzo(b)fluoranthene	14.83	252	52991	2.48	ng		99
88) Benzo(k)fluoranthene	14.83	252	52991	2.66	ng		97
89) Benzo(a)pyrene	15.17	252	50685	2.67	ng		99
90) Dibenzo(a,h)anthracene	16.58	278	44596	2.80	ng		98
91) Benzo(g,h,i)perylene	16.96	276	42806	2.69	ng	#	91

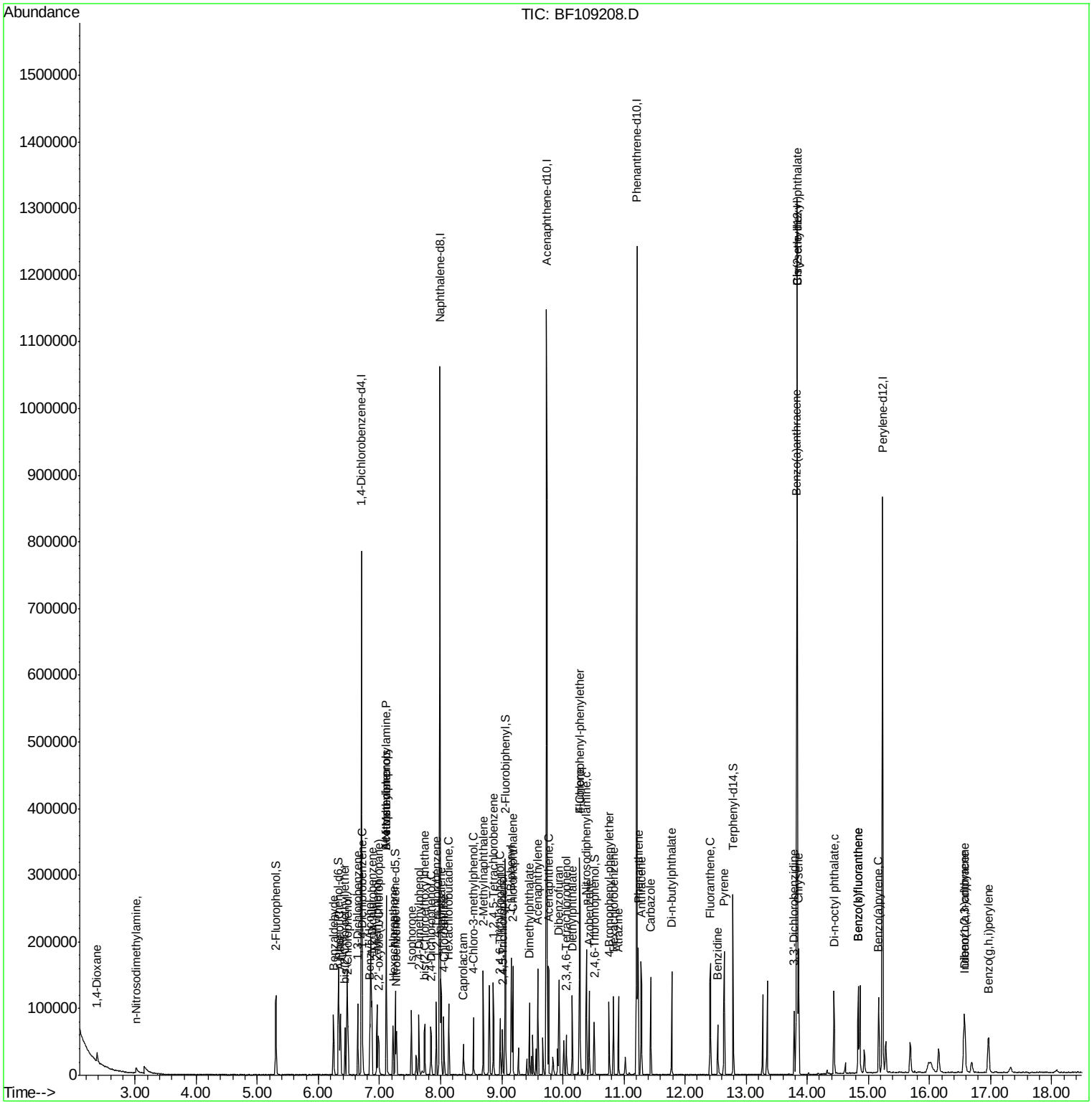
(#) = qualifier out of range (m) = manual integration (+) = signals summed

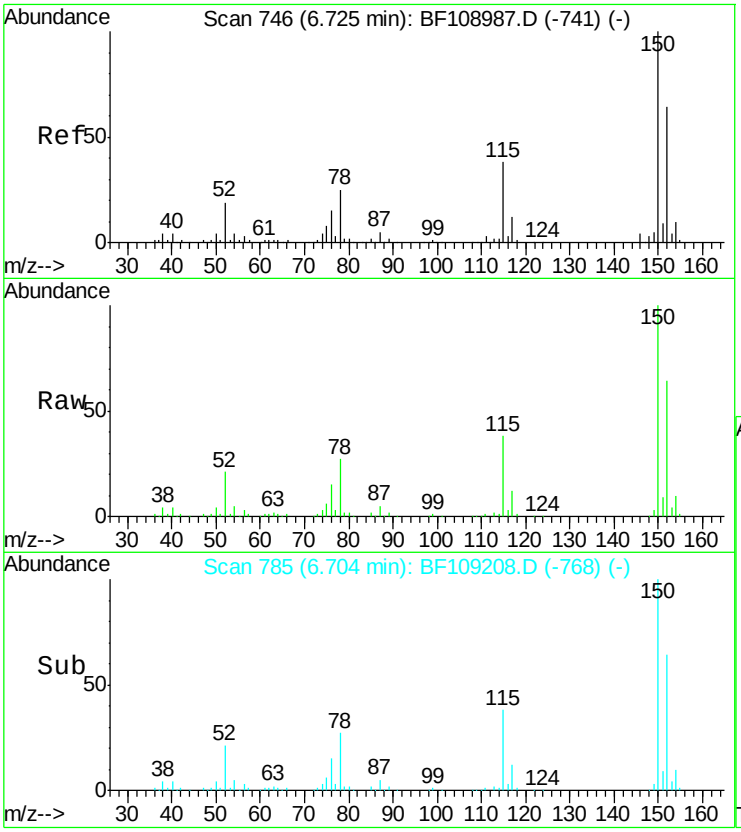
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109208.D
Acq On : 22 Sep 2018 9:16
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 22 11:12:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 11:08:16 2018
Response via : Initial Calibration



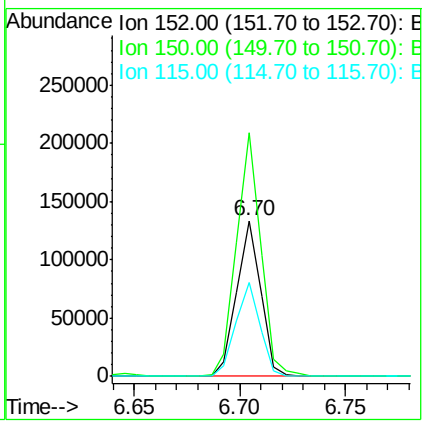


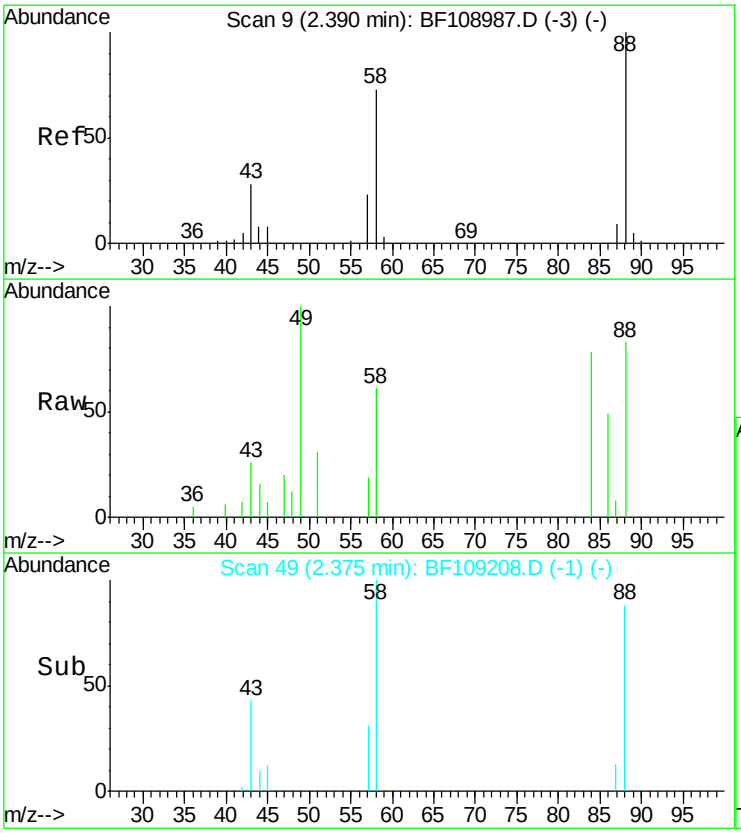
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 104642

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	60.2	50.1	75.1

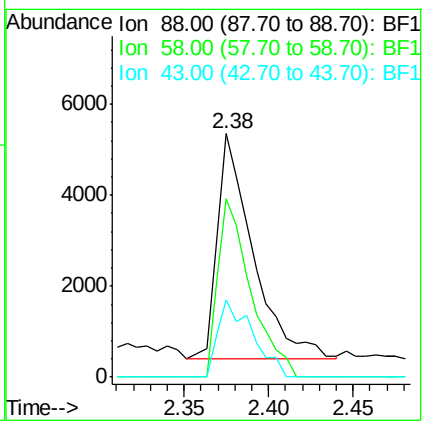


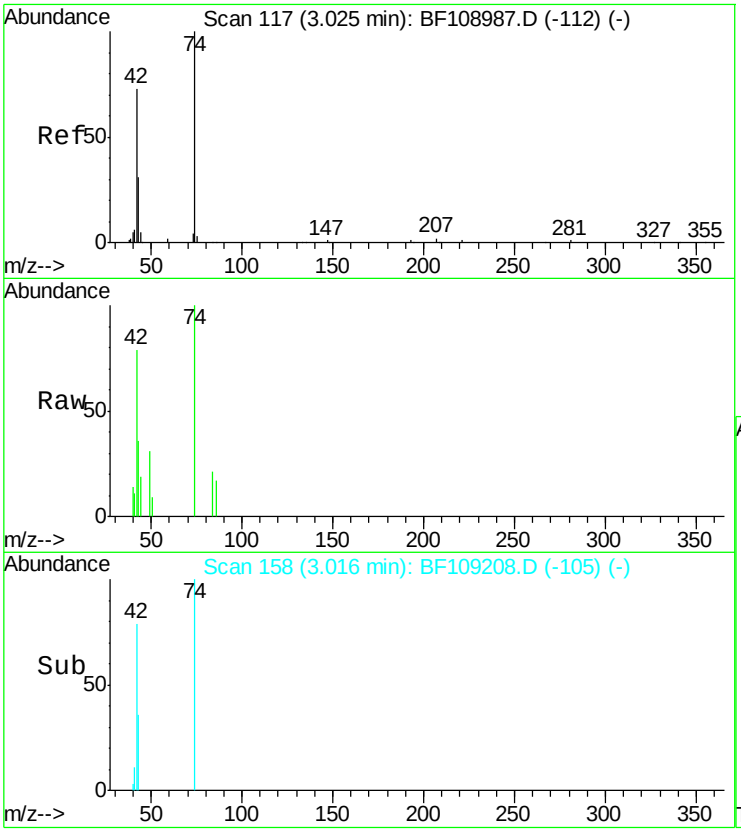


#2
1,4-Dioxane
Concen: 2.44 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion: 88 Resp: 7321

Ion	Ratio	Lower	Upper
88	100		
58	72.9	62.6	93.8
43	33.1	24.6	37.0

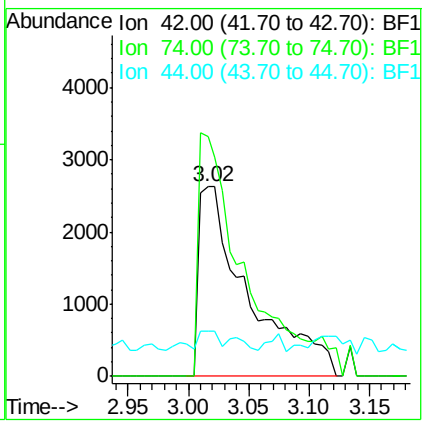




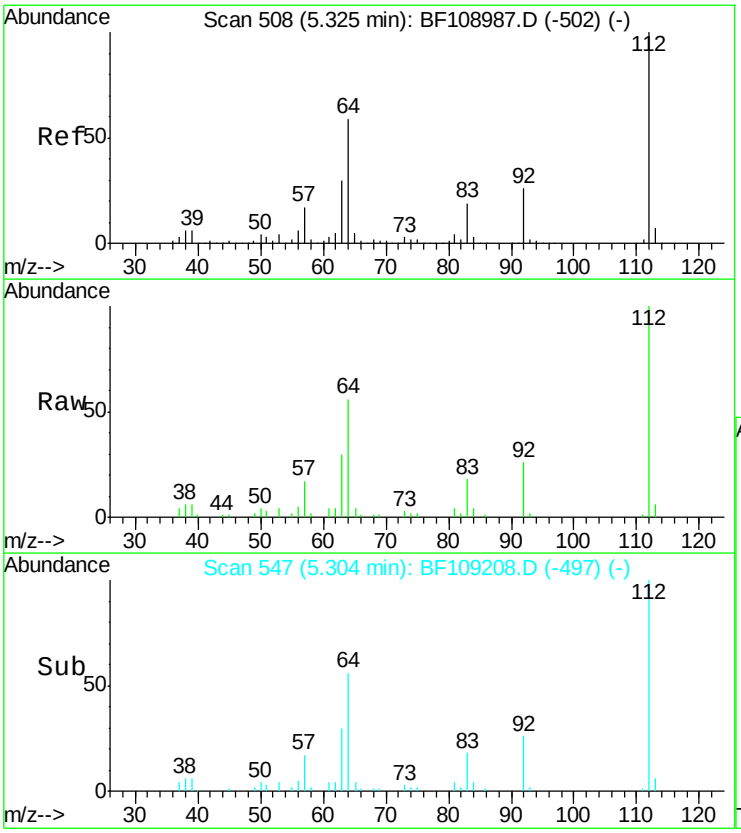
#4
n-Nitrosodimethylamine
Concen: 2.52 ng
RT: 3.02 min Scan# 158
Delta R.T. 0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion: 42 Resp: 7568

Ion	Ratio	Lower	Upper
42	100		
74	126.1	104.9	157.3
44	24.1	6.9	10.3#



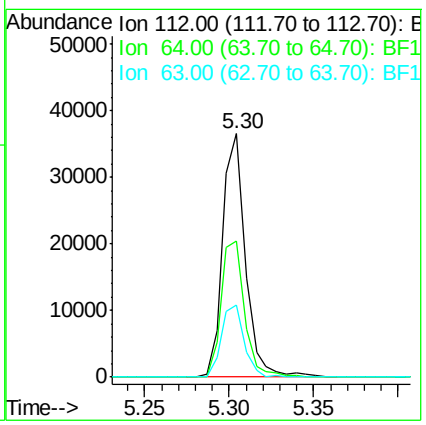
Instrument :
BNA_F
ClientSampleId :

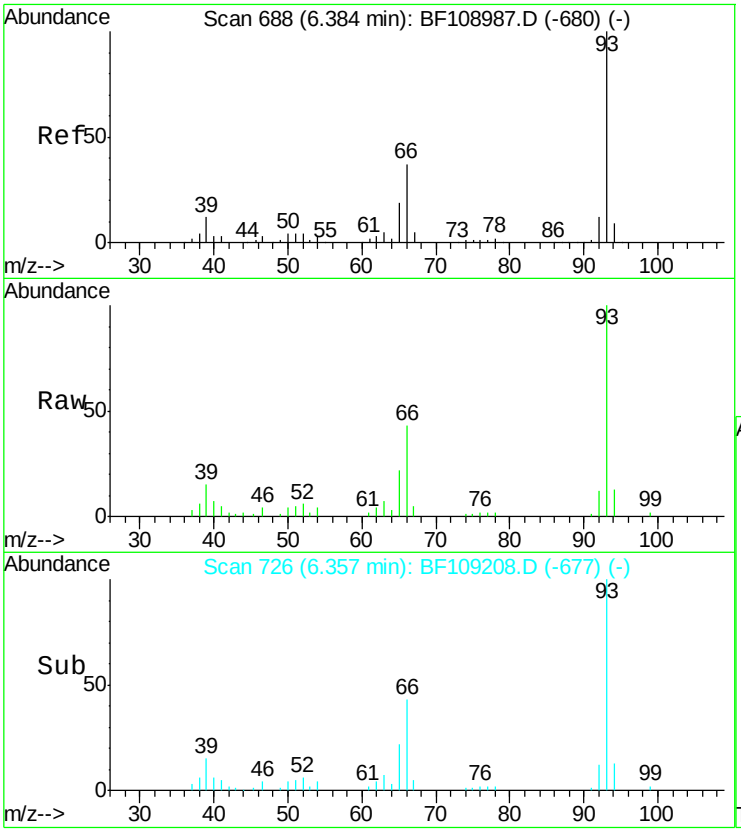


#5
2-Fluorophenol
Concen: 5.47 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:112 Resp: 34436

Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	29.8	23.7	35.5



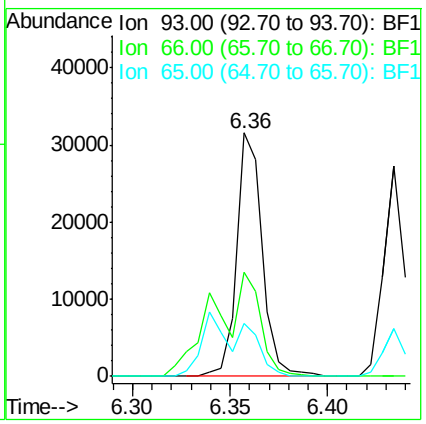


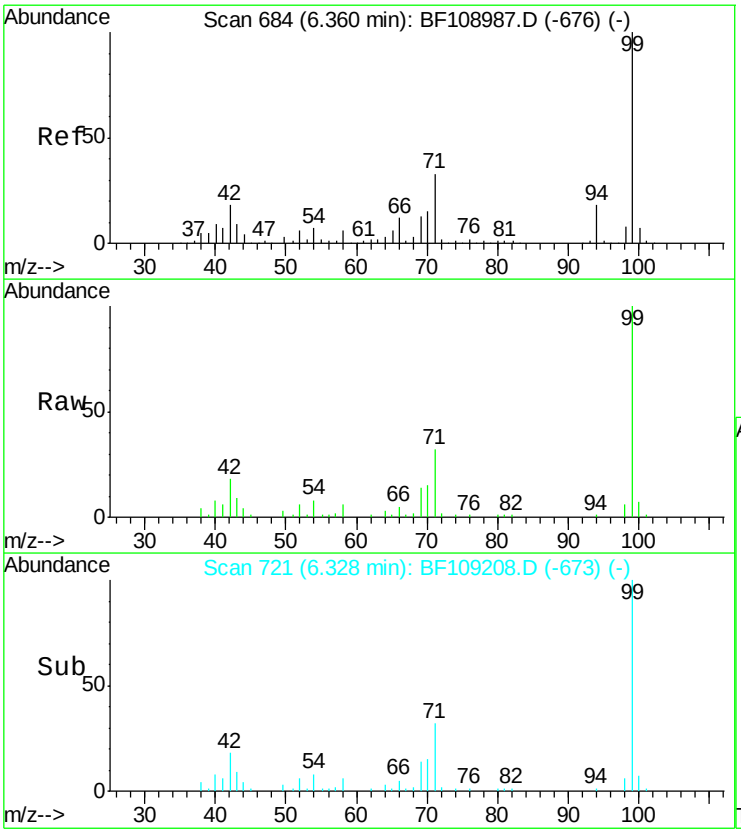
#6
Aniline
Concen: 2.71 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 28446

Ion	Ratio	Lower	Upper
93	100		
66	43.0	32.2	48.2
65	21.6	16.4	24.6

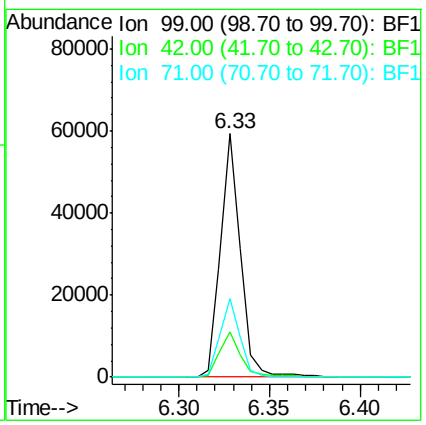


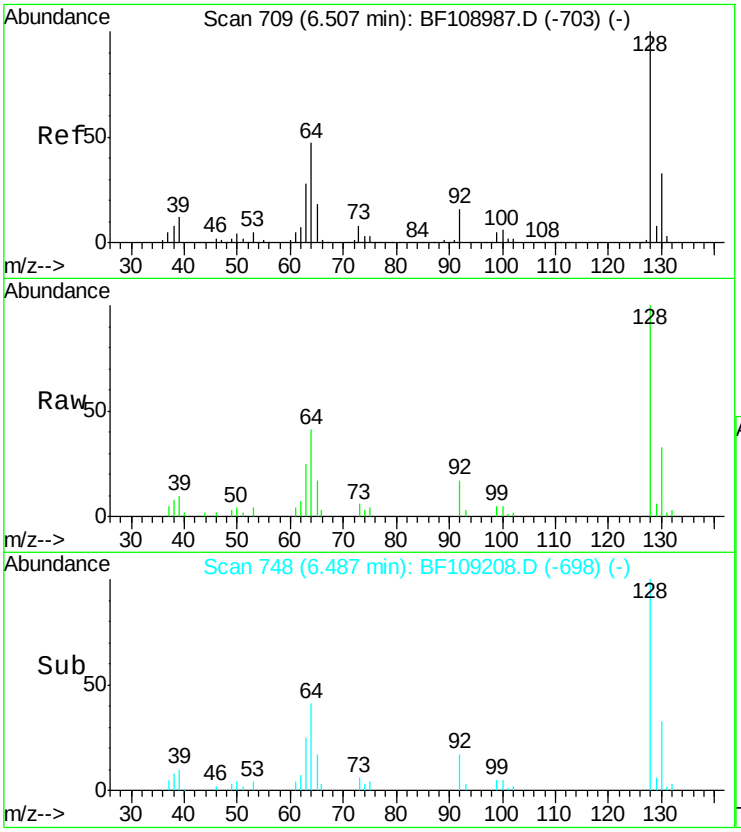


#7
Phenol-d6
Concen: 5.59 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion: 99 Resp: 45418

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	32.1	25.4	38.0



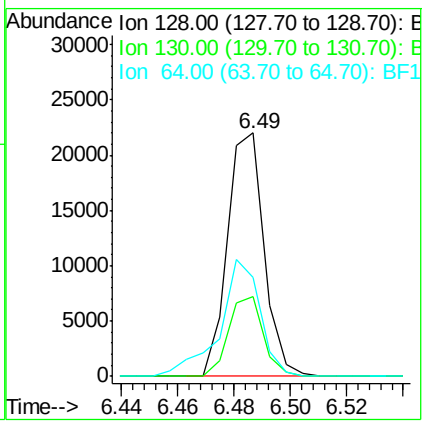


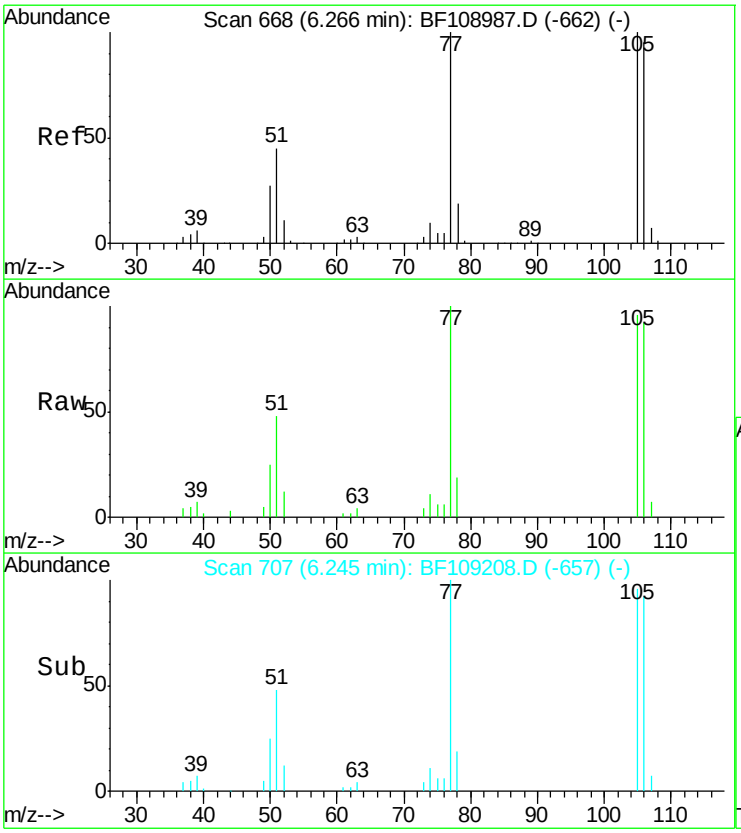
#8
2-Chlorophenol
Concen: 2.80 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 19756

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.0	53.0
64	40.8	29.4	69.4

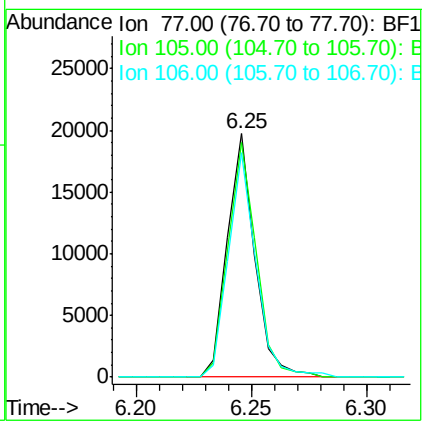


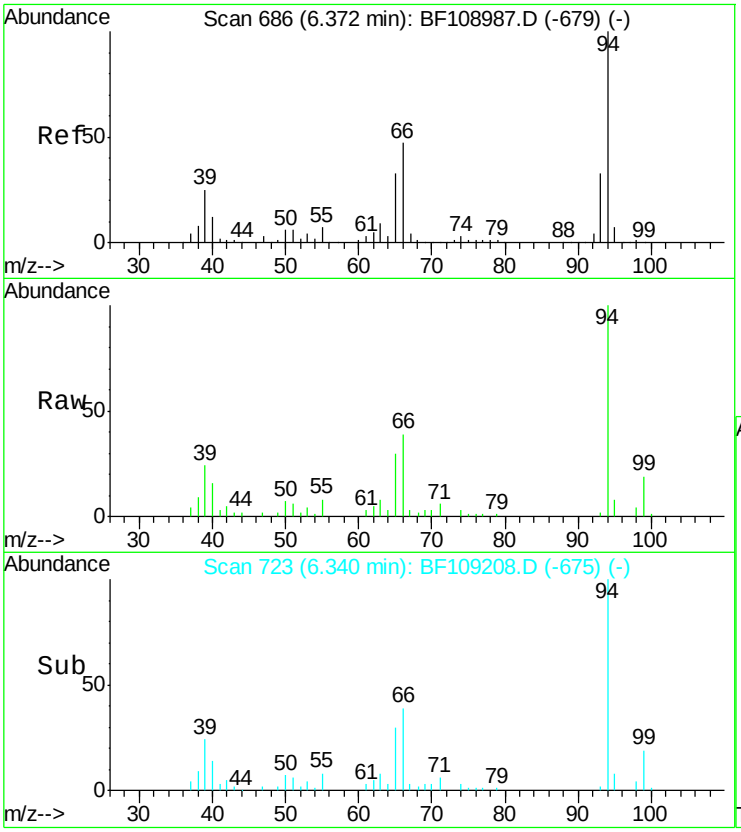


#9
Benzaldehyde
Concen: 3.15 ng
RT: 6.25 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion: 77 Resp: 16340

Ion	Ratio	Lower	Upper
77	100		
105	96.4	81.1	121.1
106	92.1	74.5	114.5



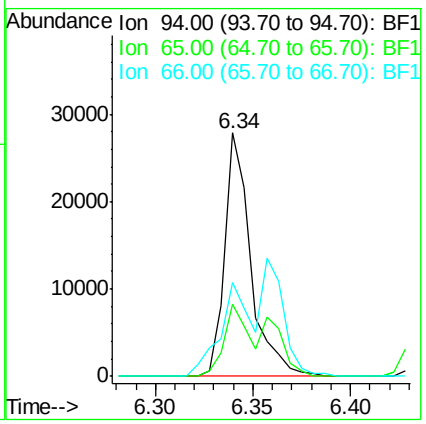


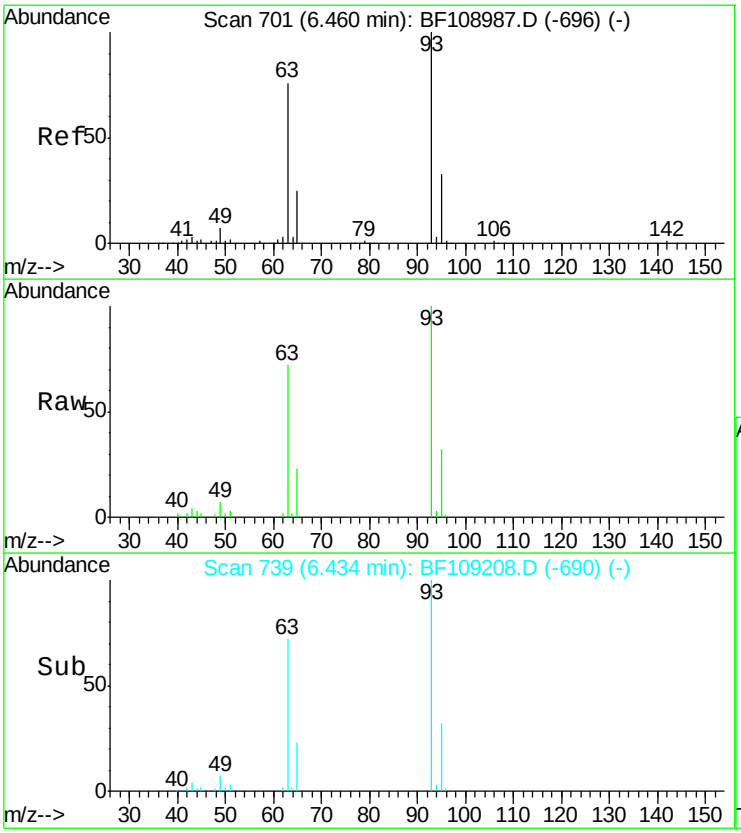
#10
Phenol
Concen: 2.83 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 25846

Ion	Ratio	Lower	Upper
94	100		
65	29.8	7.9	47.9
66	38.7	16.2	56.2

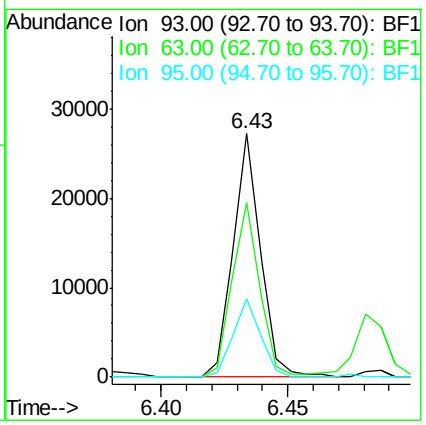


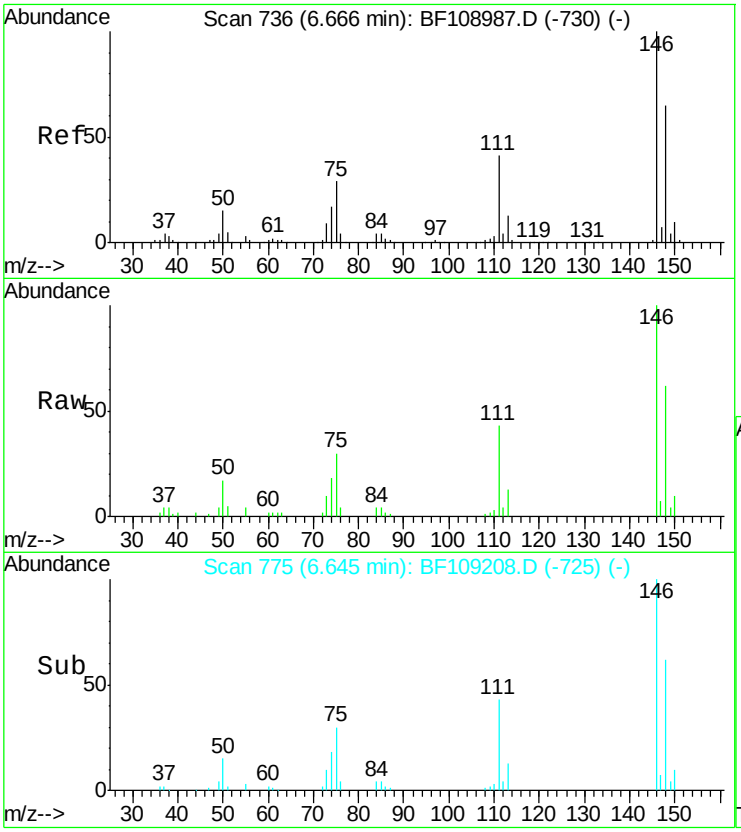


#11
bis(2-Chloroethyl)ether
Concen: 2.84 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion: 93 Resp: 20416

Ion	Ratio	Lower	Upper
93	100		
63	71.8	58.6	98.6
95	32.2	11.8	51.8



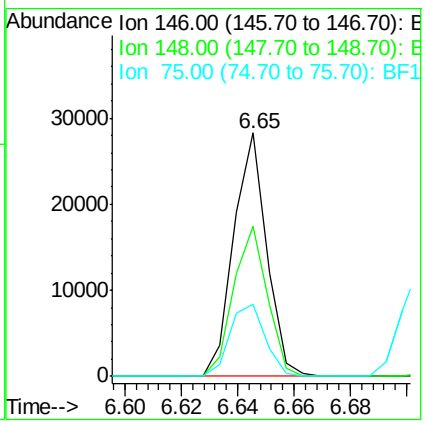


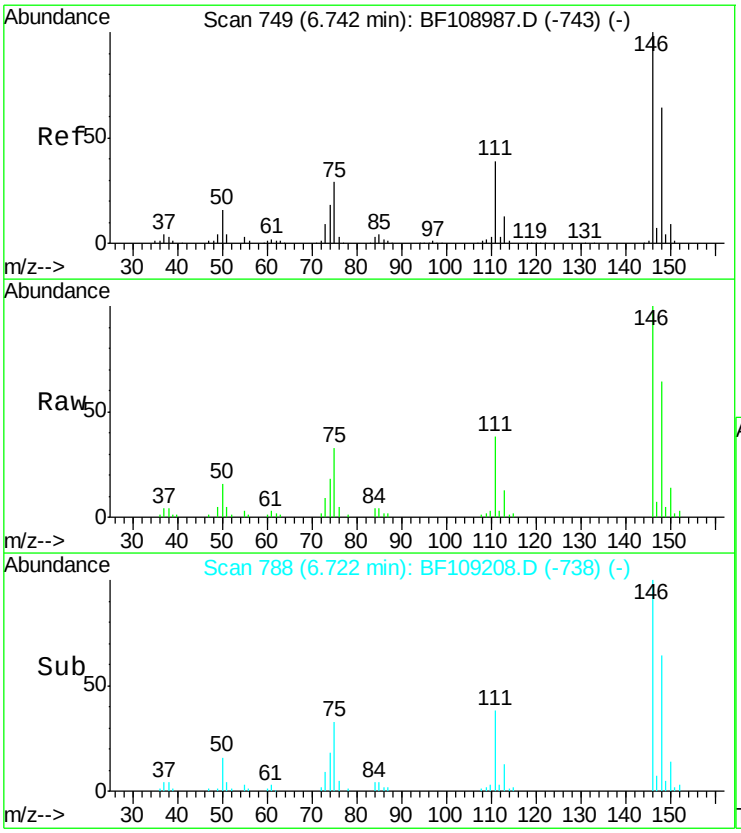
#12
1,3-Dichlorobenzene
Concen: 2.85 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 22947

Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.8	77.8
75	29.6	24.2	36.4

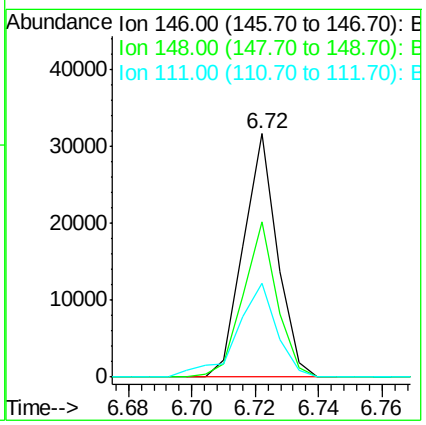


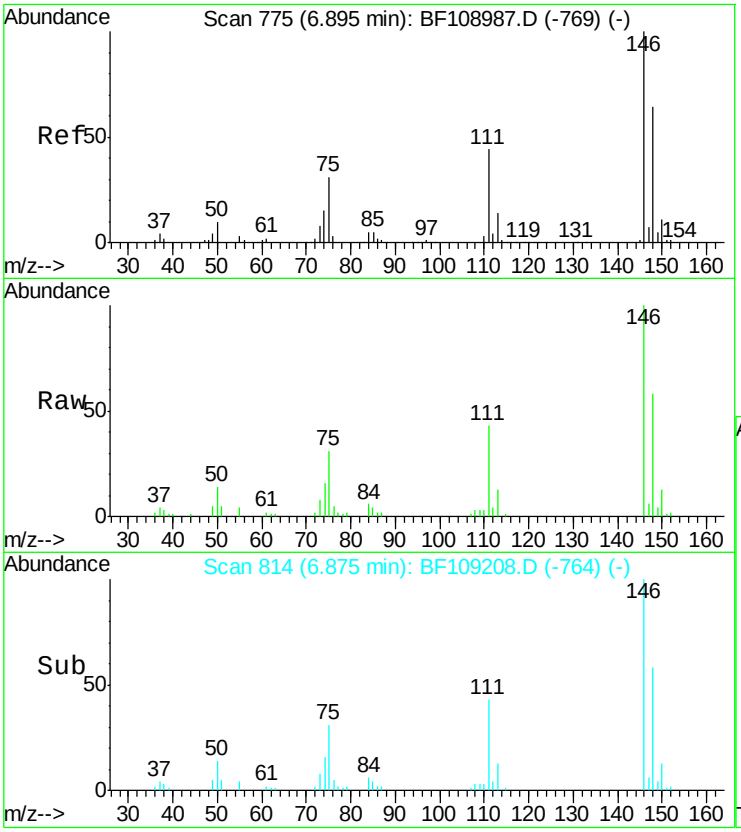


#13
1,4-Dichlorobenzene
Concen: 2.90 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:146 Resp: 23496

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	38.5	34.2	51.2



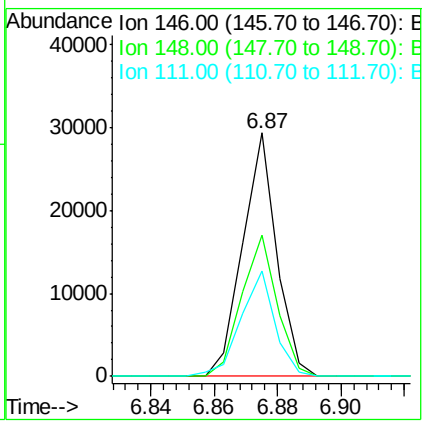


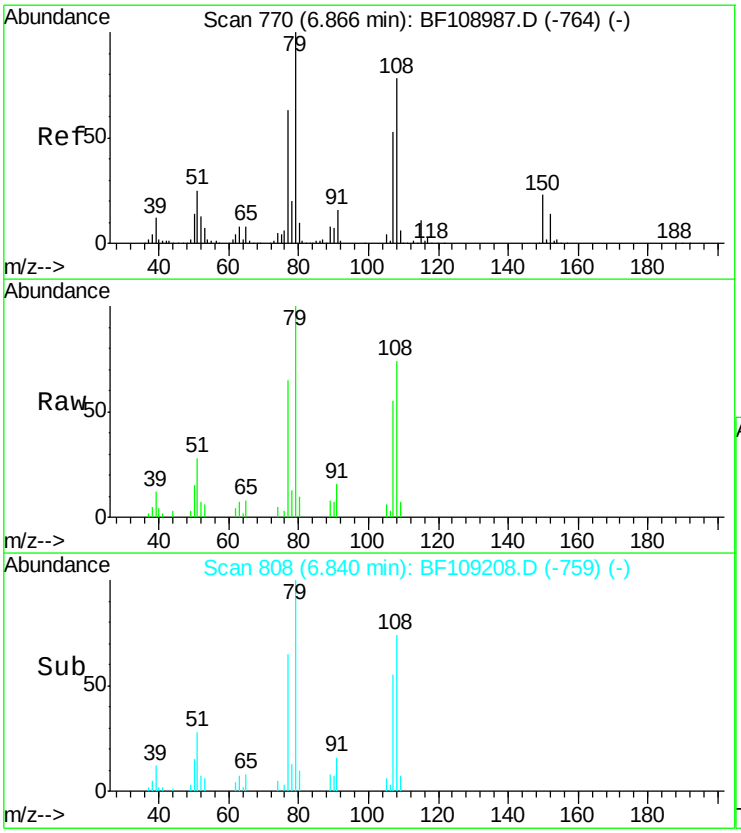
#14
1,2-Dichlorobenzene
Concen: 2.90 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 21778

Ion	Ratio	Lower	Upper
146	100		
148	58.1	50.6	75.8
111	43.1	36.0	54.0

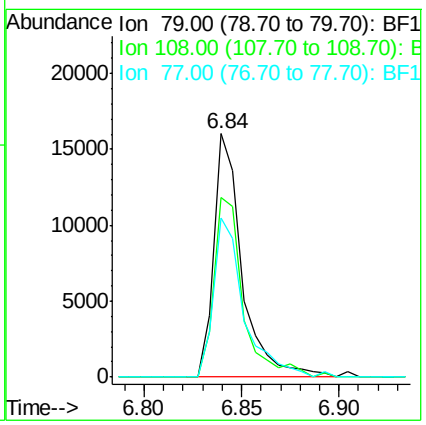


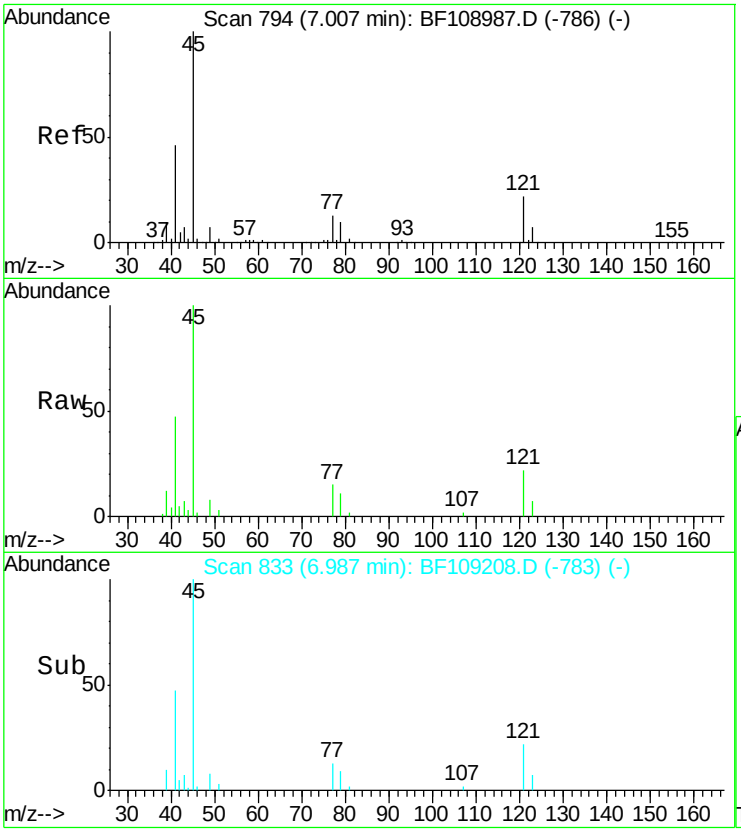


#15
Benzyl Alcohol
Concen: 2.61 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion: 79 Resp: 16077

Ion	Ratio	Lower	Upper
79	100		
108	73.9	65.1	97.7
77	65.5	50.6	75.8



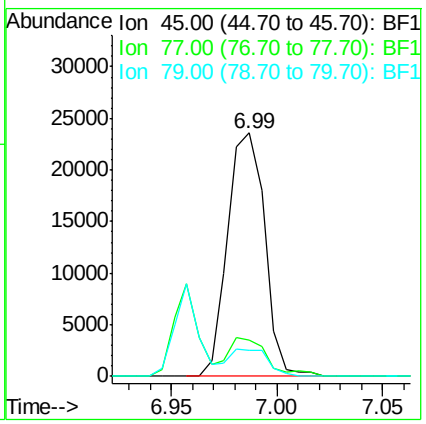


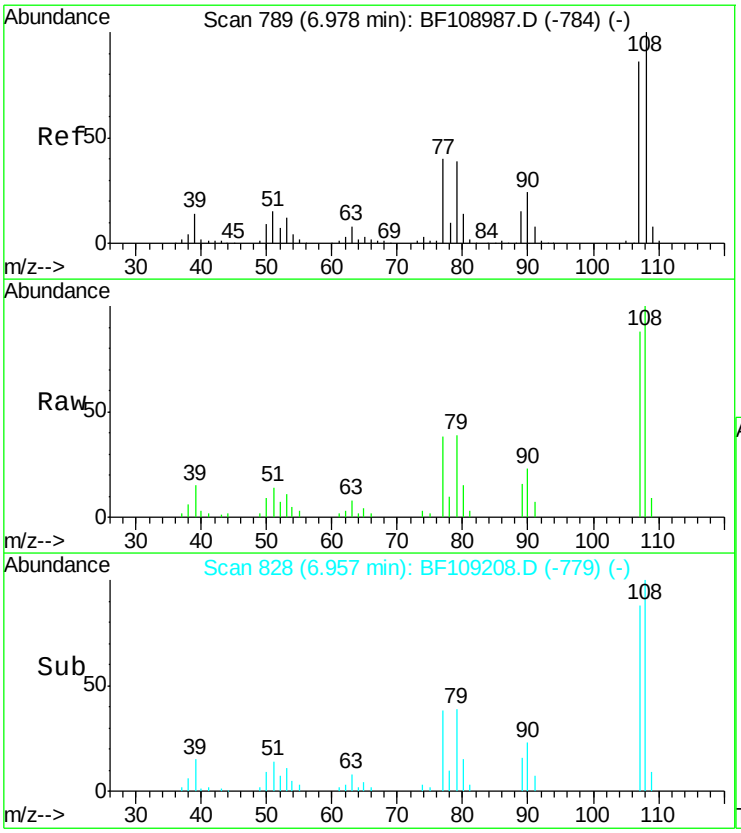
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.77 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 28560

Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	32.9
79	10.9	0.0	29.6

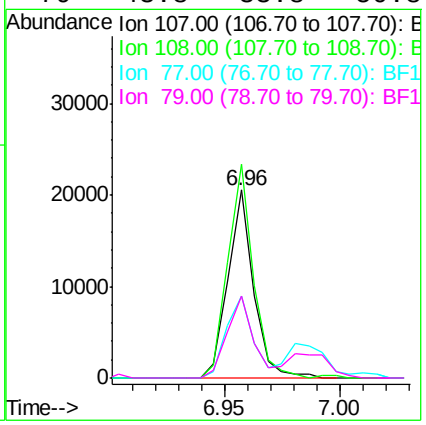


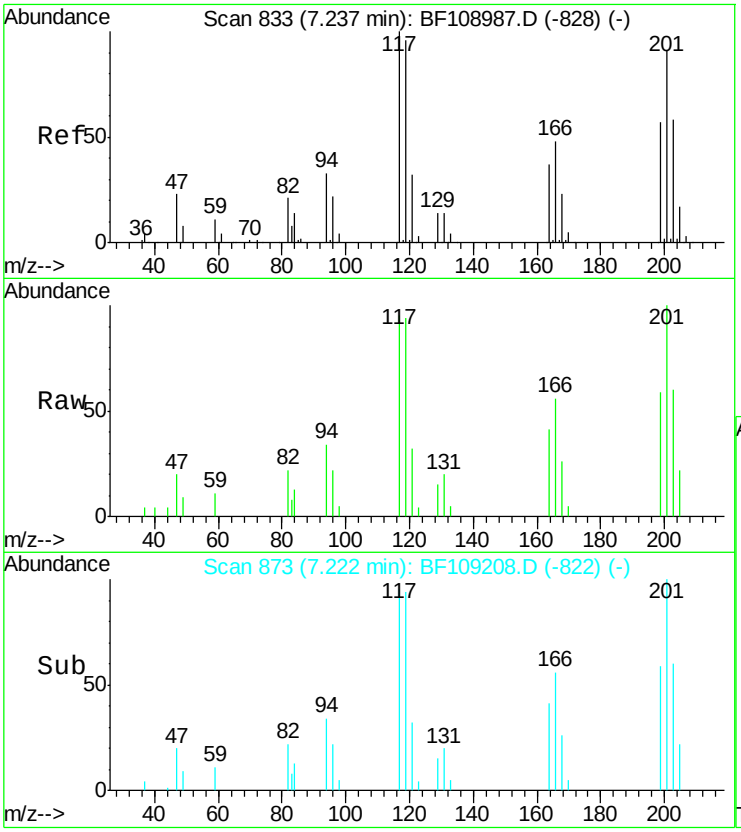


#17
2-Methylphenol
Concen: 2.75 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:107 Resp: 15809

Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.7	137.5
77	43.6	33.8	50.8
79	43.8	33.8	50.8



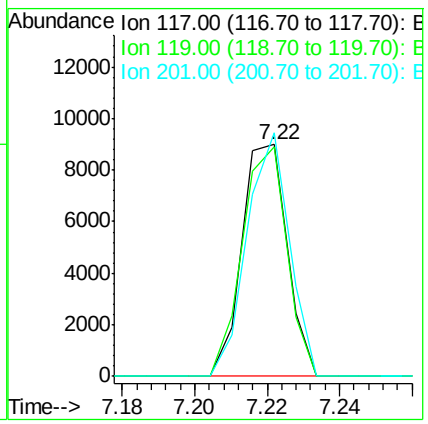


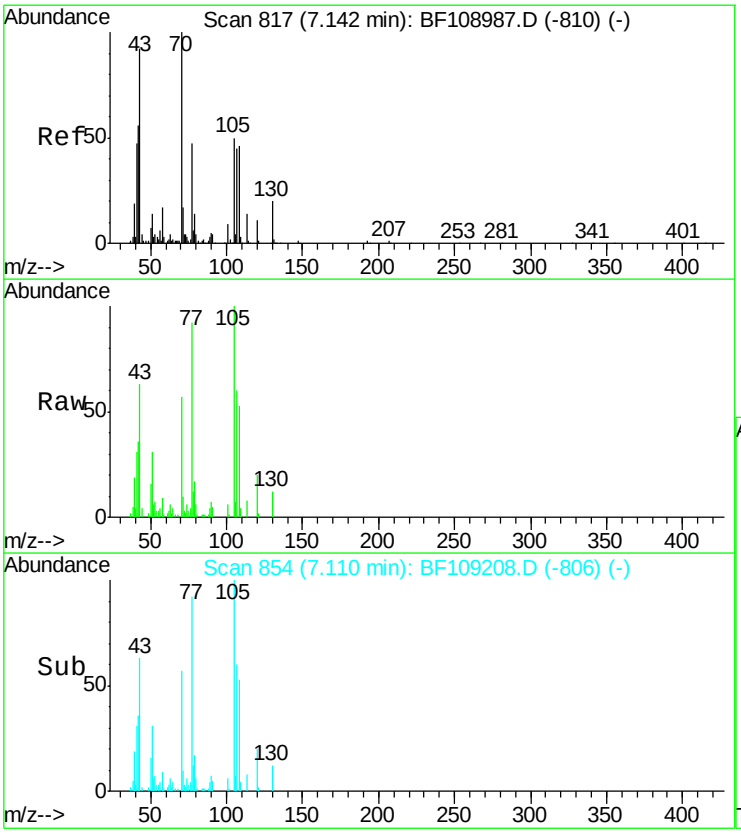
#18
Hexachloroethane
Concen: 2.65 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 7790

Ion	Ratio	Lower	Upper
117	100		
119	99.2	75.8	113.8
201	105.0	75.7	113.5

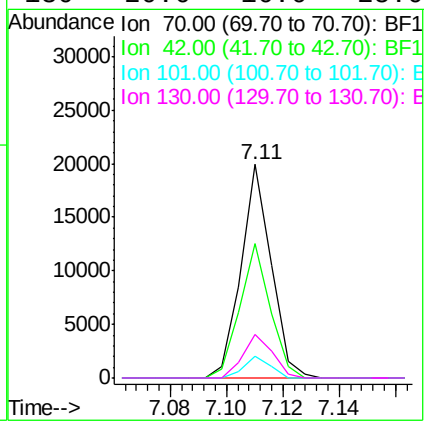


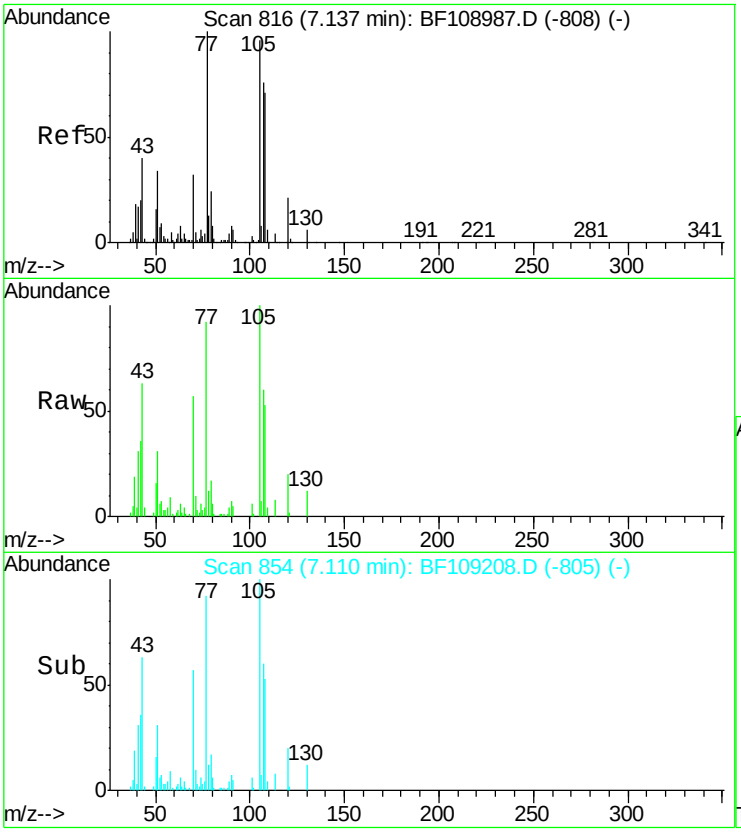


#19
n-Nitroso-di-n-propylamine
Concen: 2.75 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion: 70 Resp: 14761

Ion	Ratio	Lower	Upper
70	100		
42	62.8	47.5	71.3
101	10.3	7.4	11.2
130	20.6	16.6	25.0



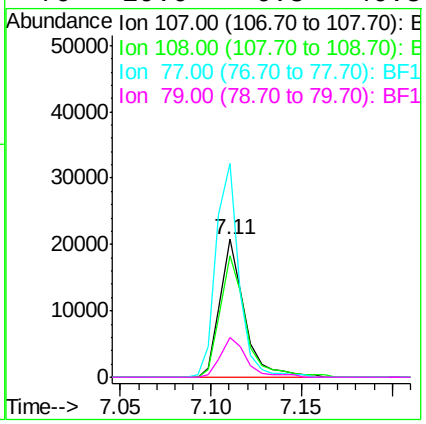


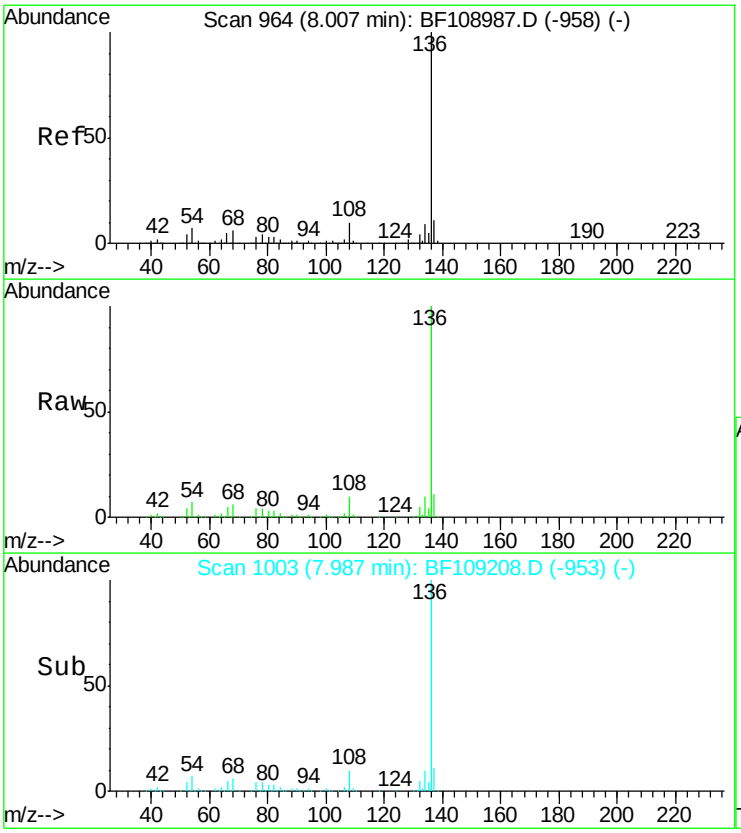
#20
3+4-Methylphenols
Concen: 2.83 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 19622

Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.2	108.2
77	155.0	26.7	66.7#
79	29.0	6.3	46.3

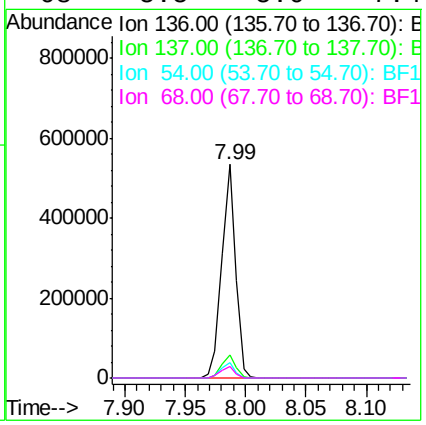


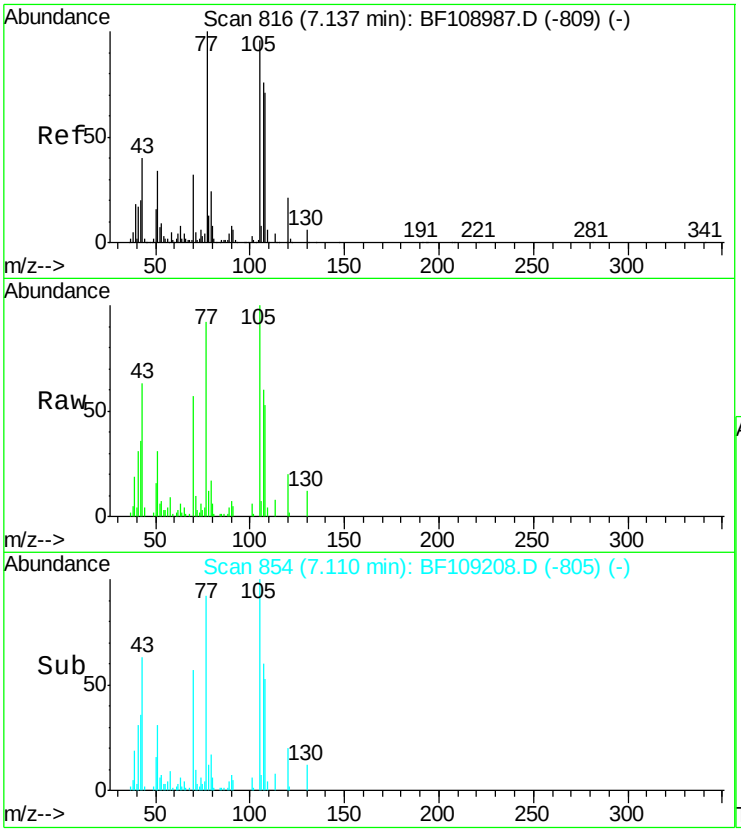


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:136 Resp: 423194

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.1	6.6	9.8
68	5.5	5.0	7.4



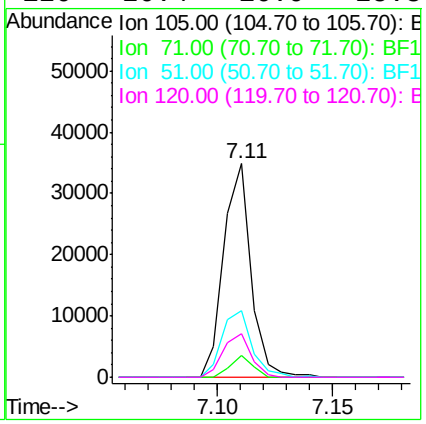


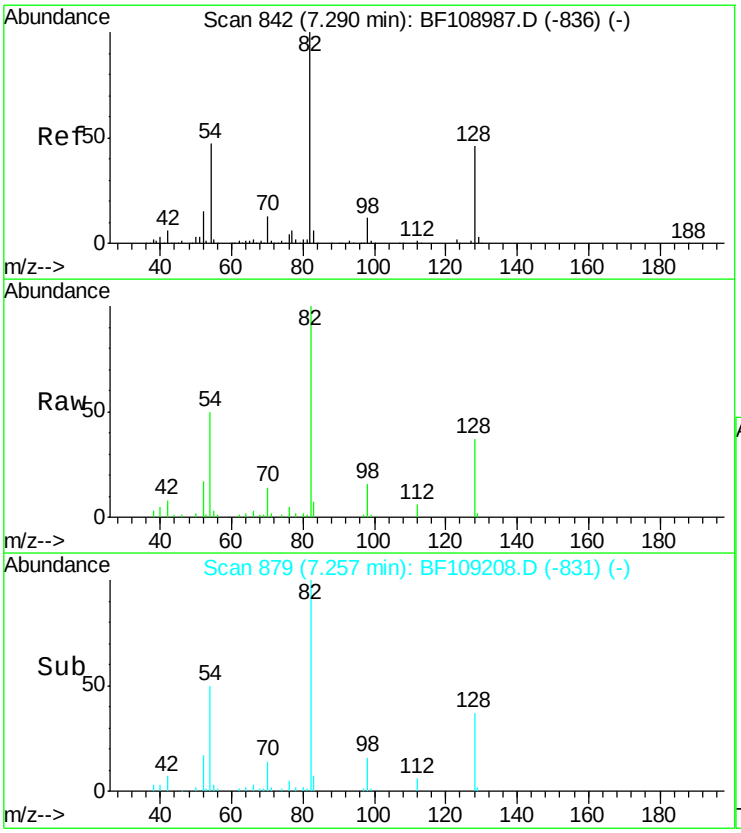
#22
Acetophenone
Concen: 2.99 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 28708

Ion	Ratio	Lower	Upper
105	100		
71	10.1	4.4	6.6#
51	31.4	22.3	33.5
120	20.4	16.9	25.3

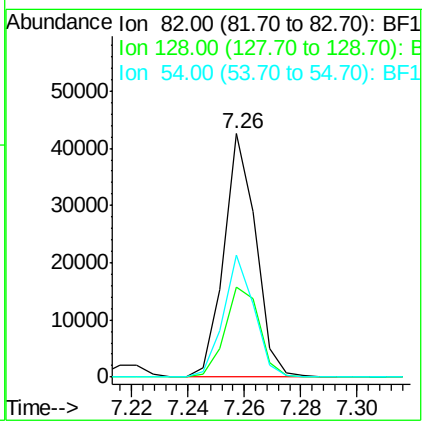


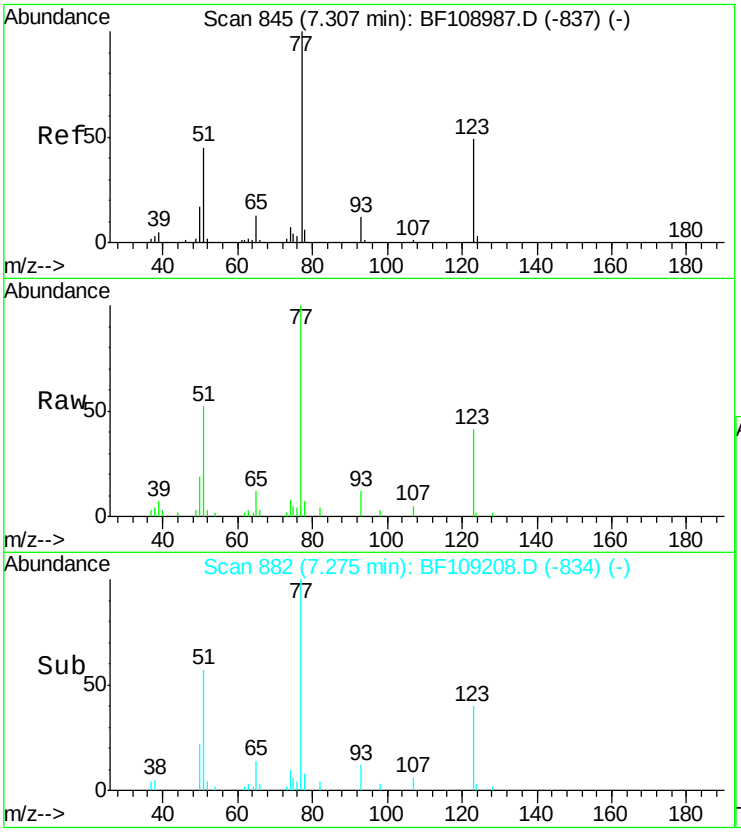


#23
Nitrobenzene-d5
Concen: 4.42 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion: 82 Resp: 33321

Ion	Ratio	Lower	Upper
82	100		
128	37.1	36.1	54.1
54	50.3	41.4	62.2



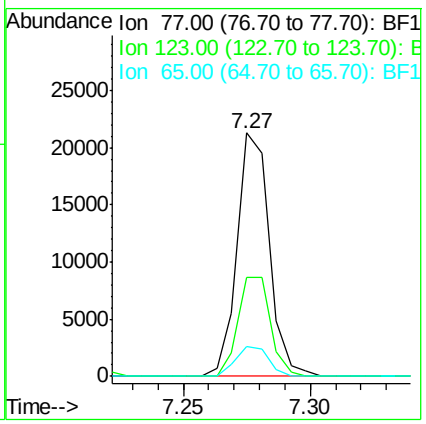


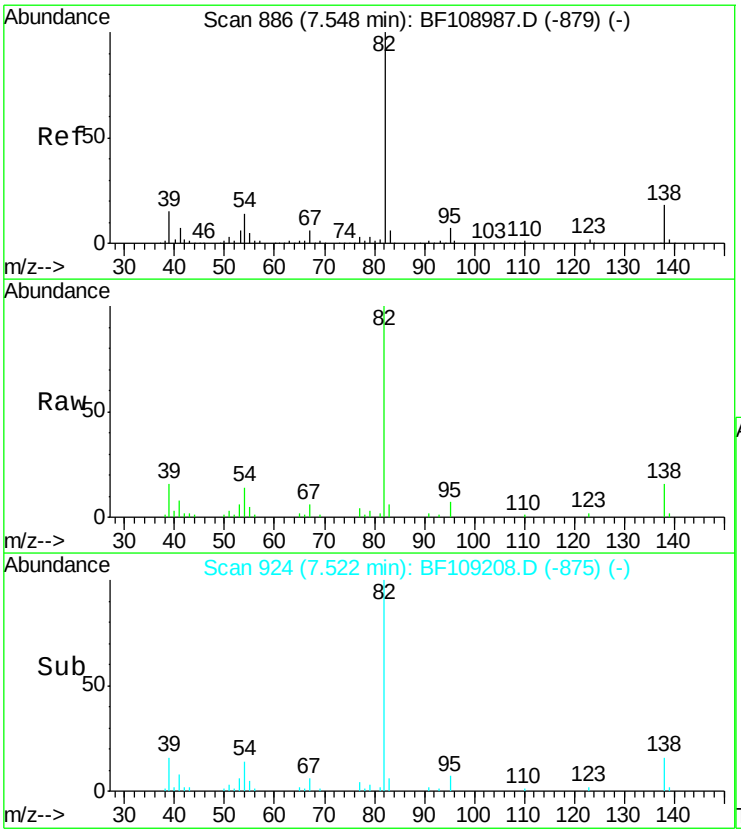
#24
Nitrobenzene
Concen: 2.42 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 18841

Ion	Ratio	Lower	Upper
77	100		
123	40.8	37.9	56.9
65	12.1	11.0	16.4

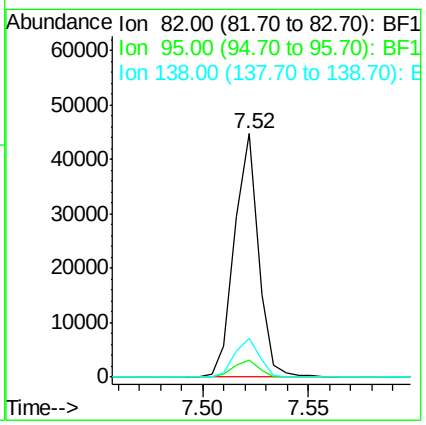


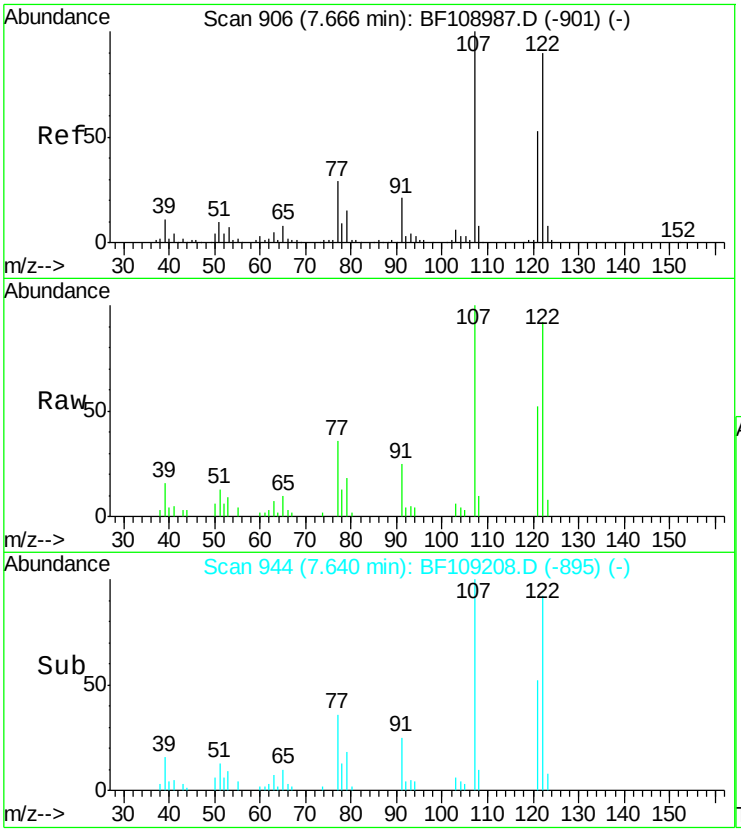


#25
Isophorone
Concen: 2.70 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion: 82 Resp: 35076

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.2	7.8
138	16.2	14.9	22.3



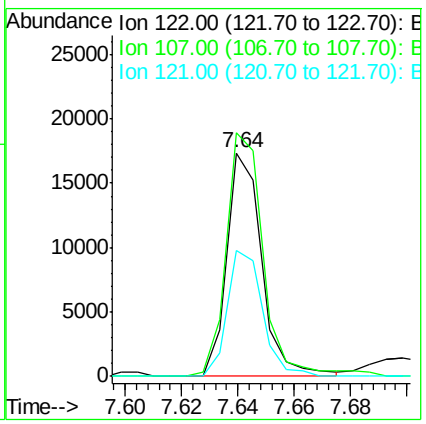


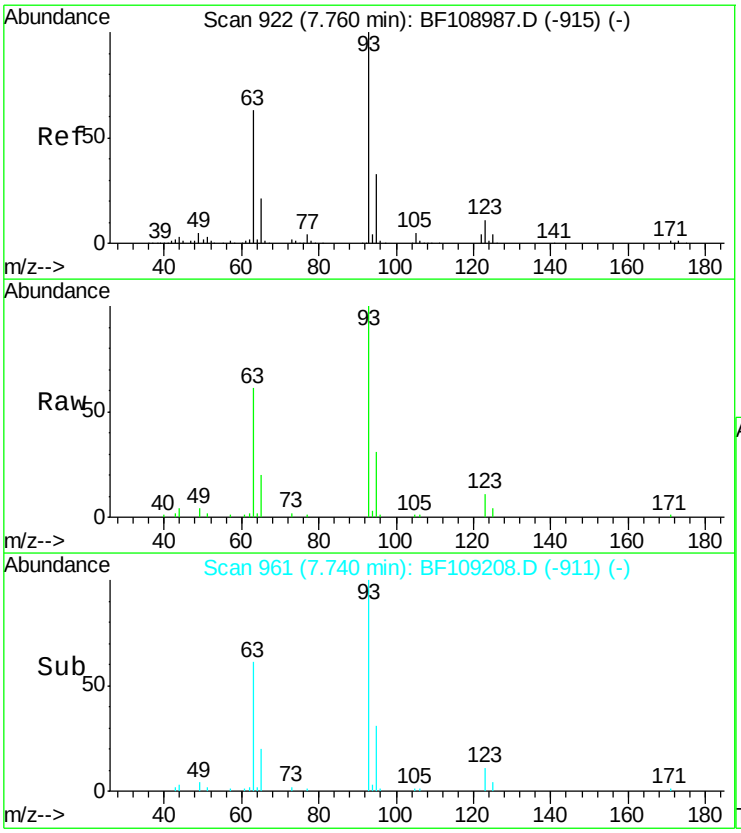
#27
2,4-Dimethylphenol
Concen: 2.62 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 14952

Ion	Ratio	Lower	Upper
122	100		
107	109.0	91.2	136.8
121	56.5	47.2	70.8

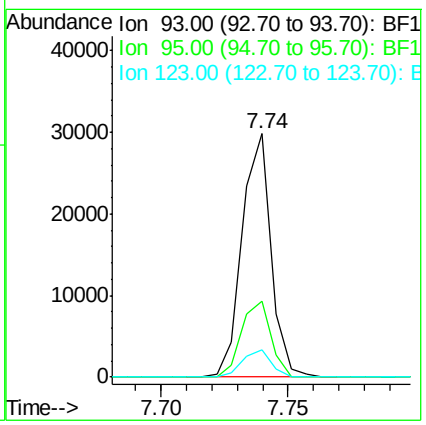


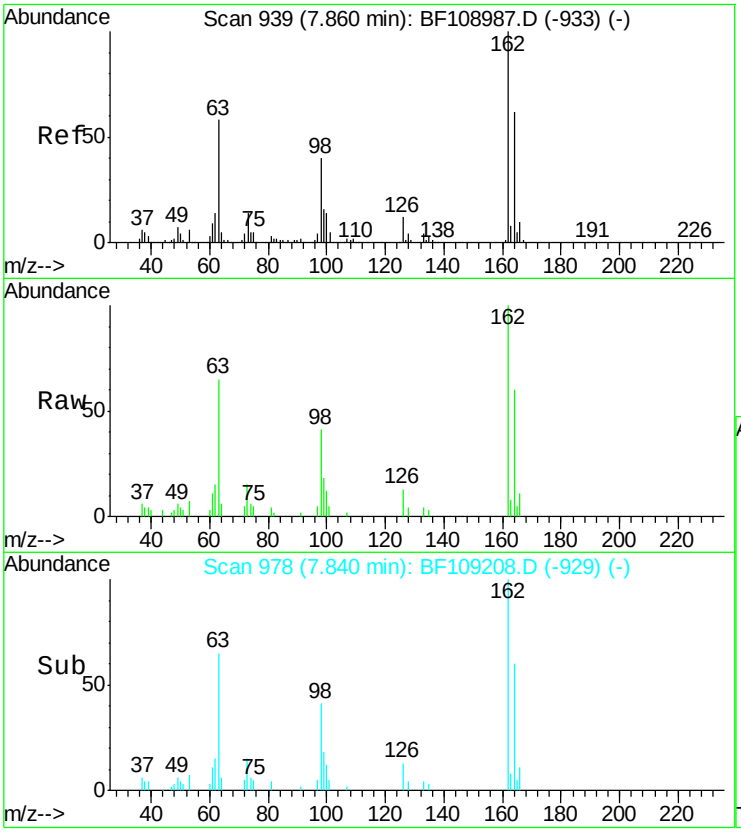


#28
bis(2-Chloroethoxy)methane
Concen: 2.72 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion: 93 Resp: 23723

Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.3	39.5
123	11.0	9.8	14.6



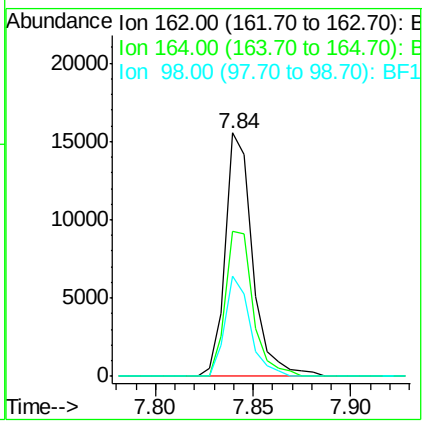


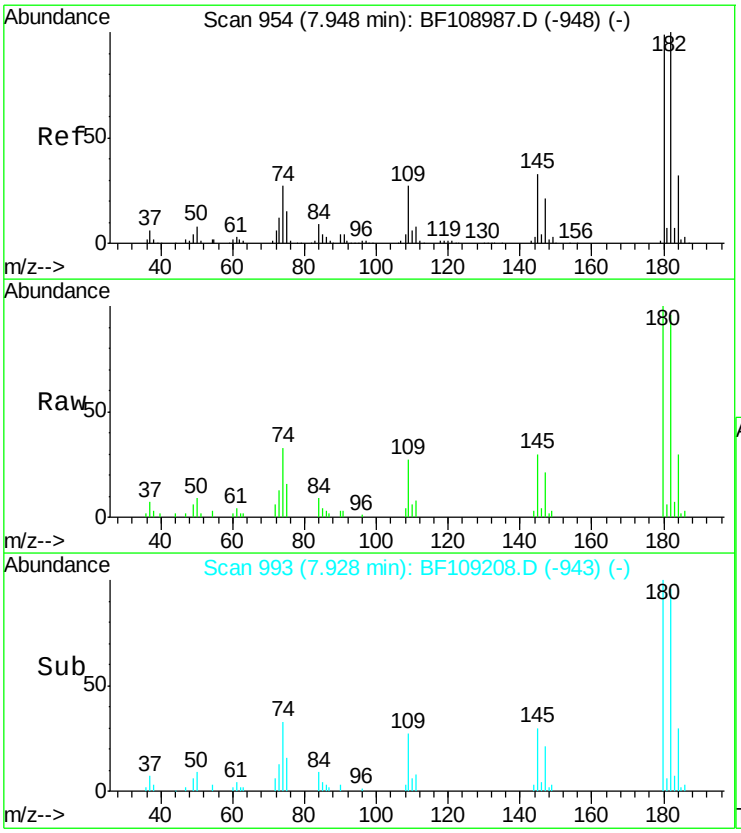
#29
2,4-Dichlorophenol
Concen: 2.49 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 15123

Ion	Ratio	Lower	Upper
162	100		
164	59.6	42.7	82.7
98	41.3	18.1	58.1

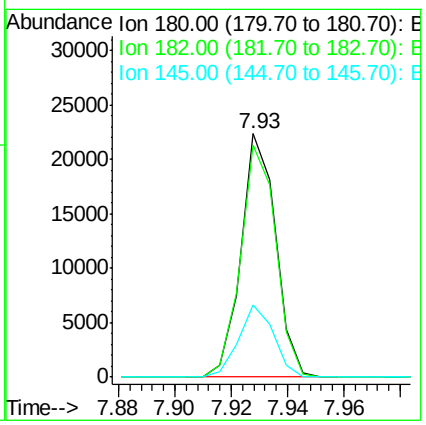


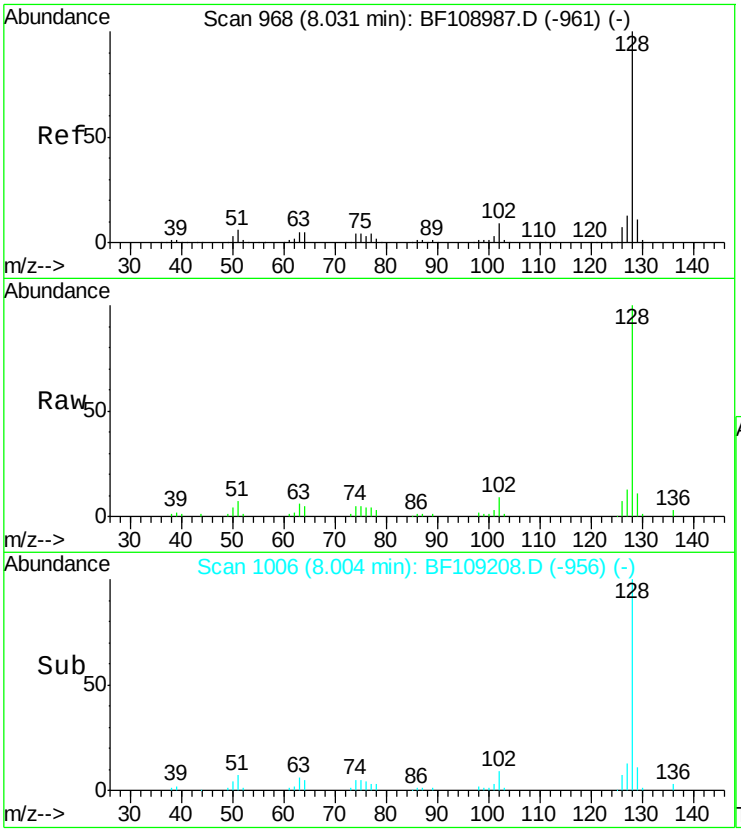


#30
1,2,4-Trichlorobenzene
Concen: 2.89 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:180 Resp: 18976

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.8	115.2
145	29.8	26.5	39.7



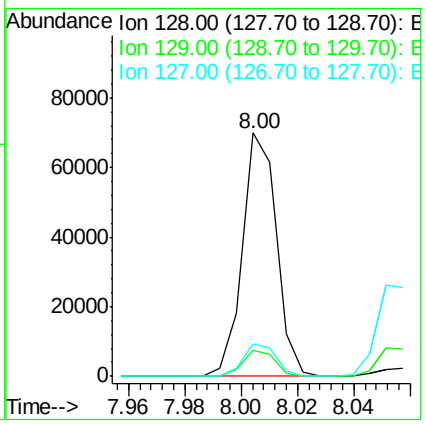


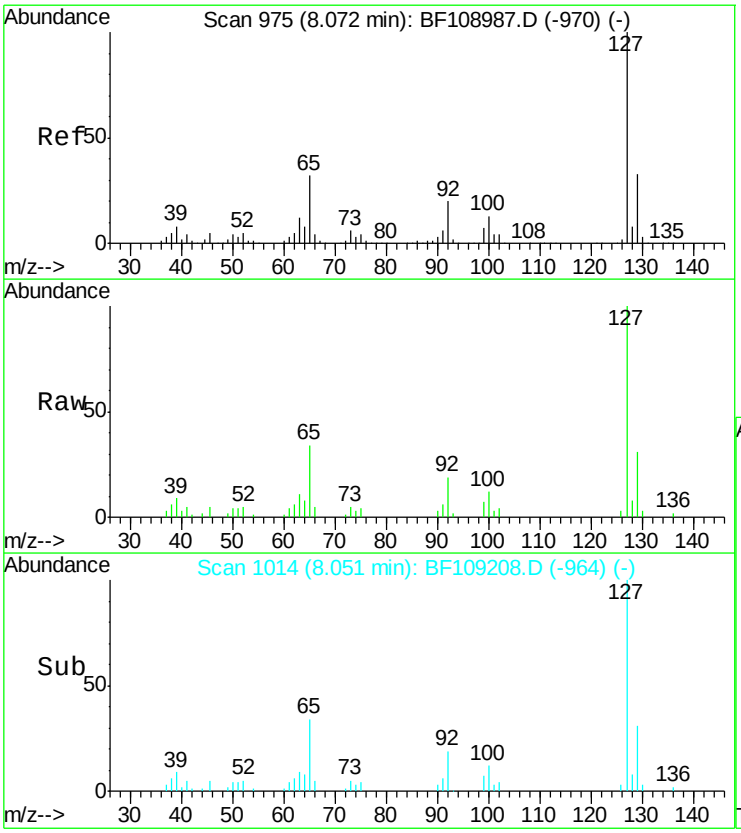
#31
Naphthalene
Concen: 2.96 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 58194

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	13.4	10.9	16.3

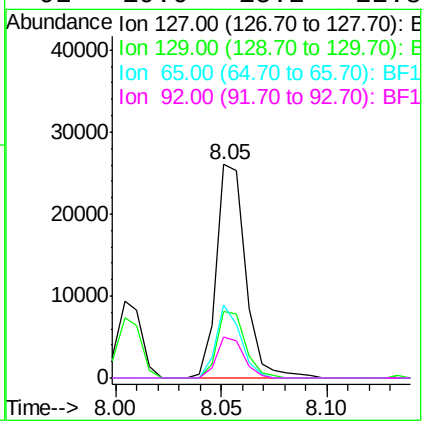


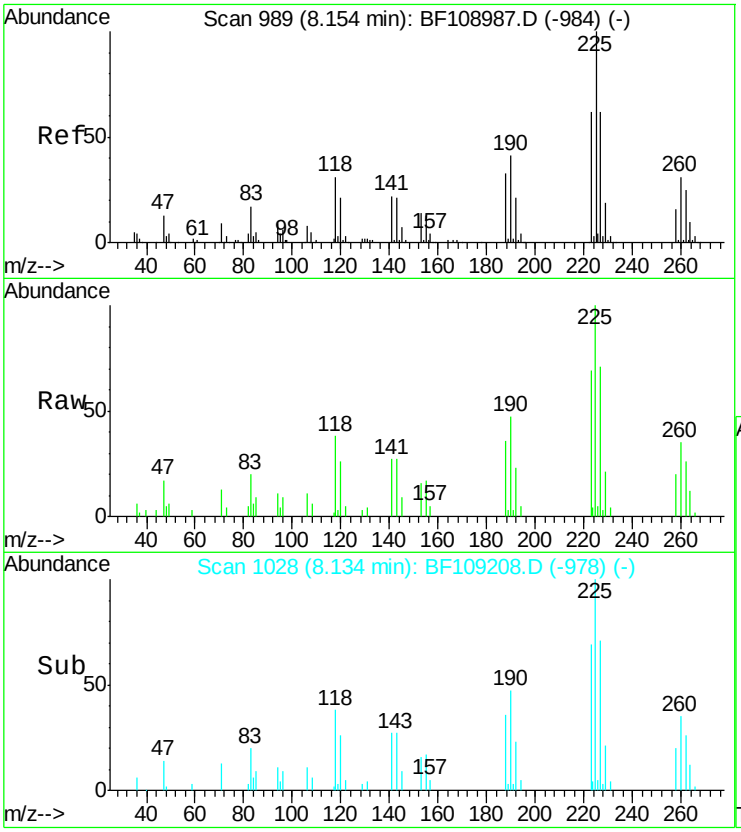


#33
4-Chloroaniline
Concen: 2.86 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:127 Resp: 24969

Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.9	38.9
65	33.9	25.0	37.4
92	19.0	15.2	22.8



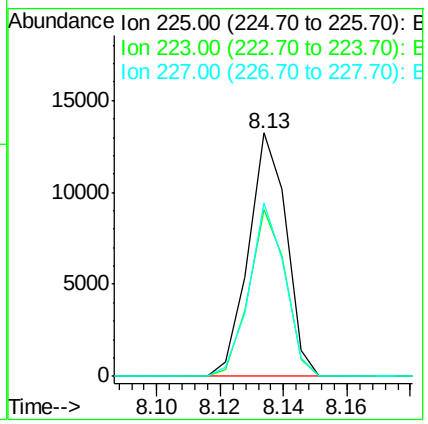


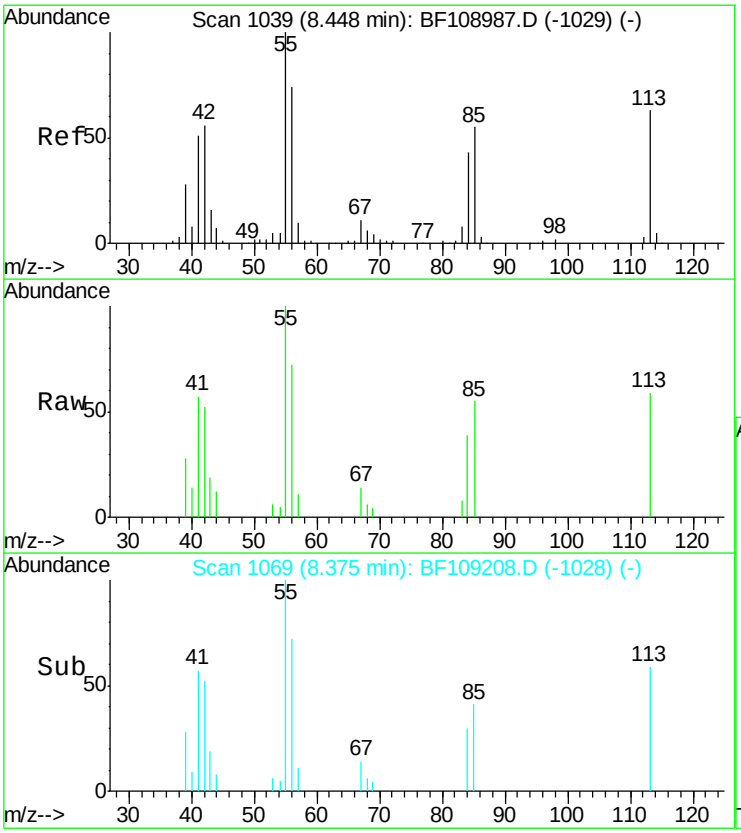
#34
Hexachlorobutadiene
Concen: 2.73 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:225 Resp: 10951

Ion	Ratio	Lower	Upper
225	100		
223	68.7	50.6	76.0
227	71.3	51.9	77.9

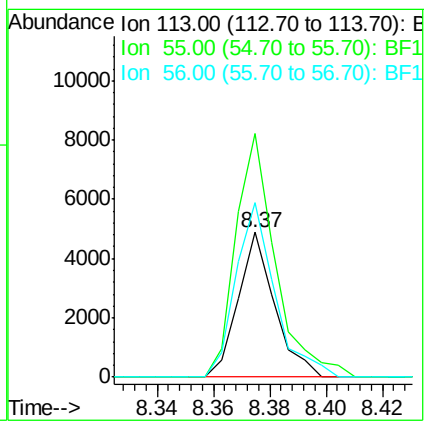


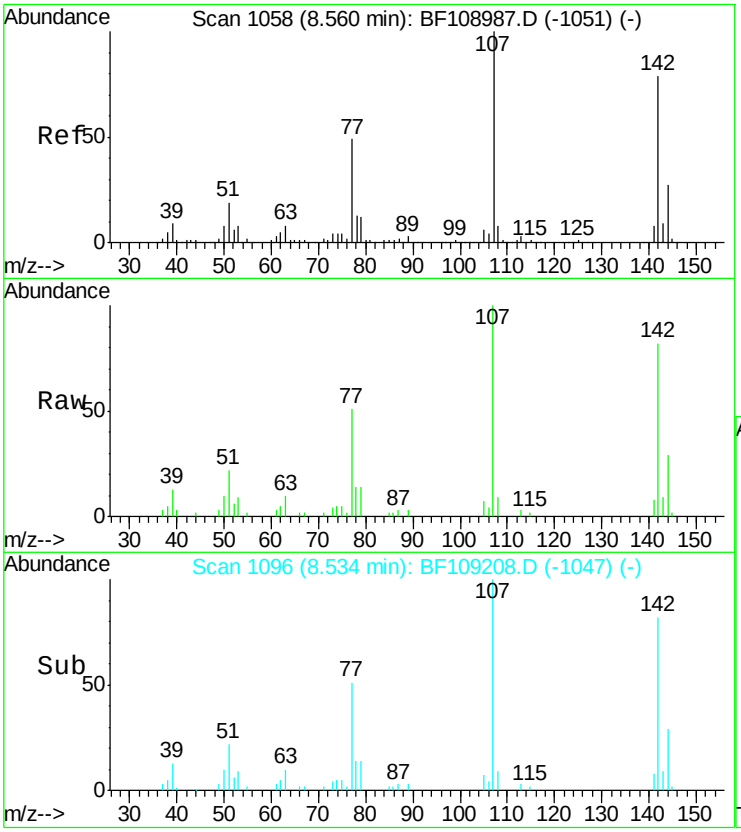


#35
Caprolactam
Concen: 2.21 ng
RT: 8.37 min Scan# 1069
Delta R.T. -0.06 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:113 Resp: 4369

Ion	Ratio	Lower	Upper
113	100		
55	168.2	163.3	203.3
56	120.6	115.7	155.7



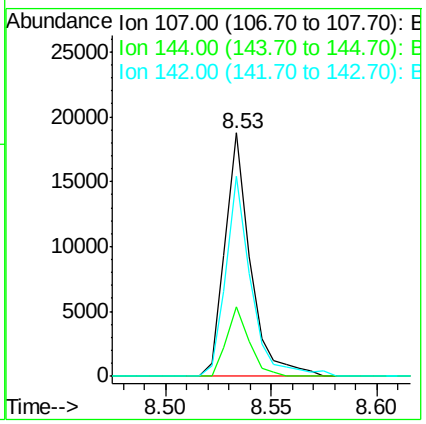


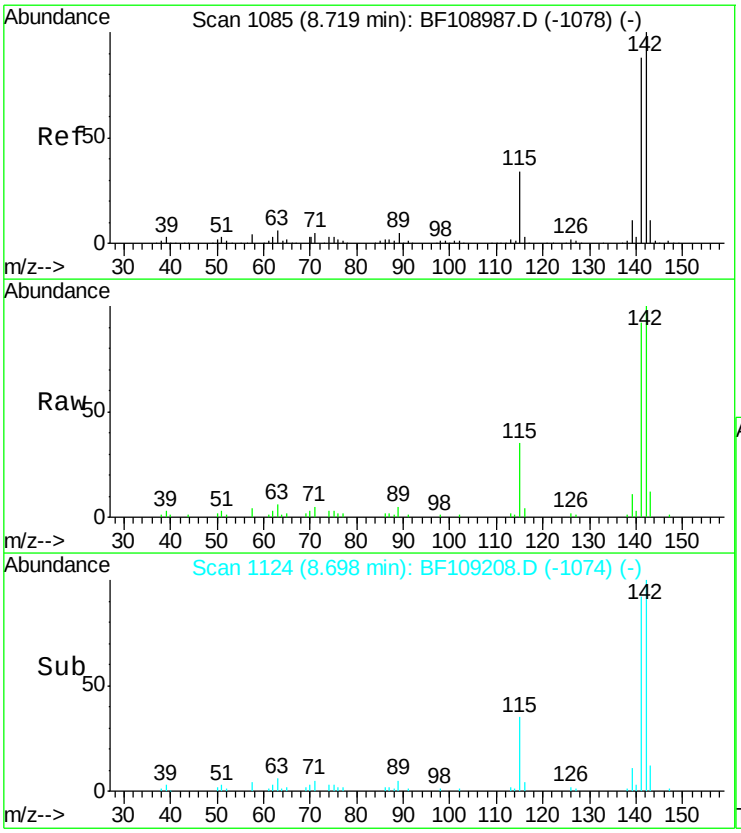
#36
4-Chloro-3-methylphenol
Concen: 2.44 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 15620

Ion	Ratio	Lower	Upper
107	100		
144	28.6	20.5	30.7
142	82.2	62.0	93.0

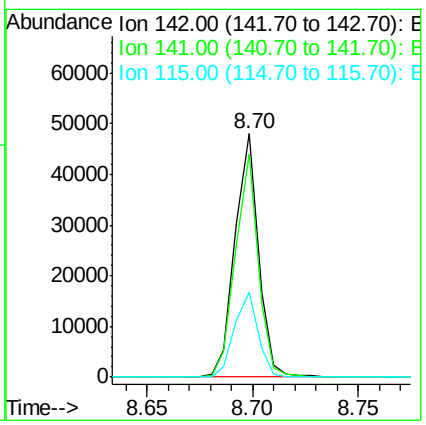


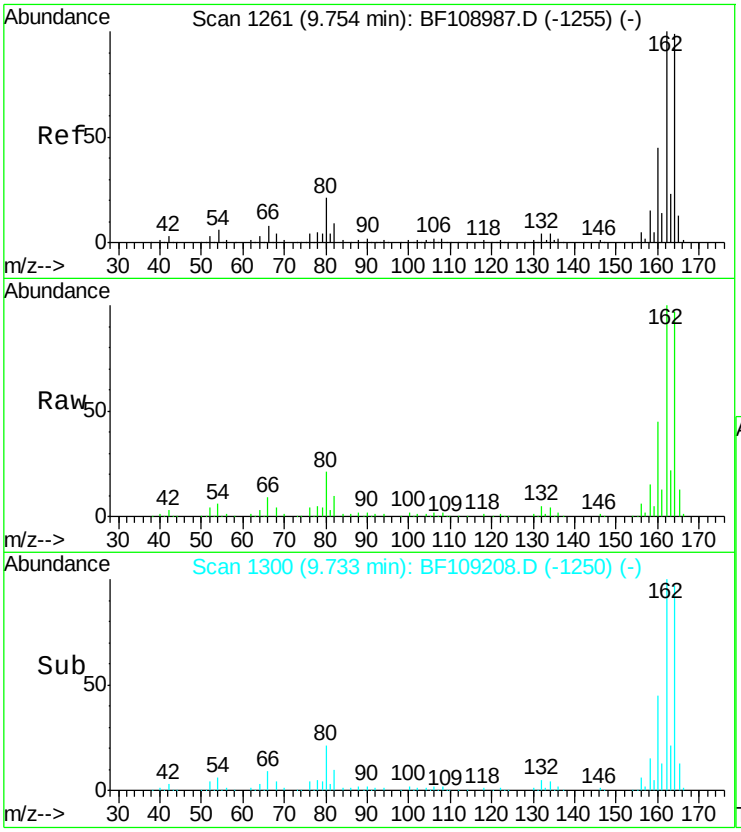


#37
2-Methylnaphthalene
Concen: 2.88 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:142 Resp: 36885

Ion	Ratio	Lower	Upper
142	100		
141	91.6	70.8	106.2
115	34.9	26.1	39.1



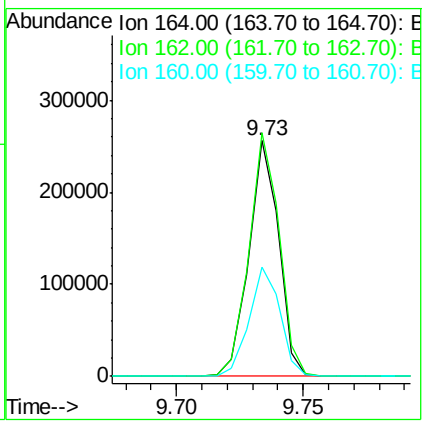


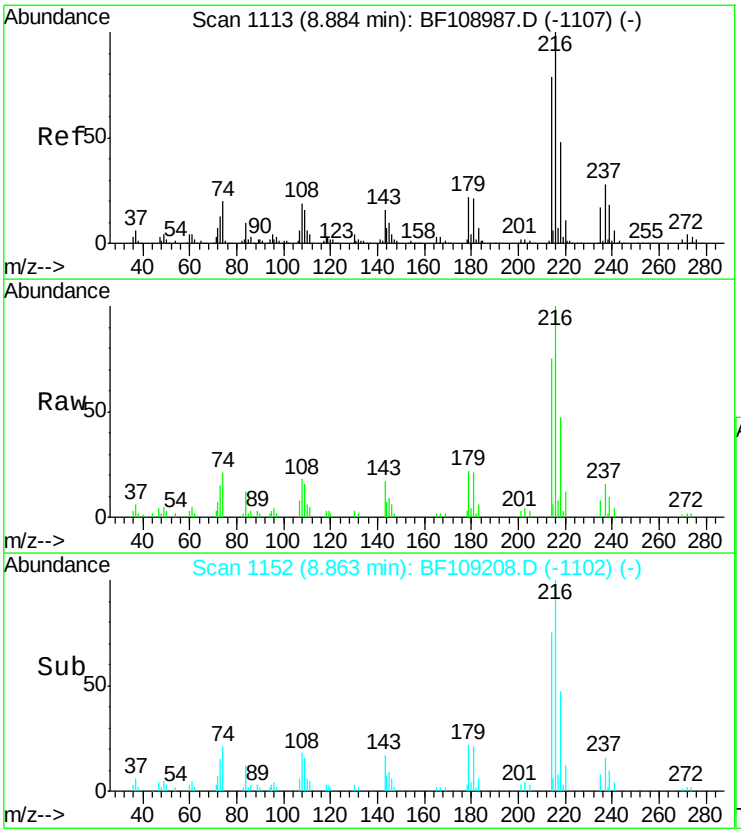
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 210061

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.3	38.3	57.5

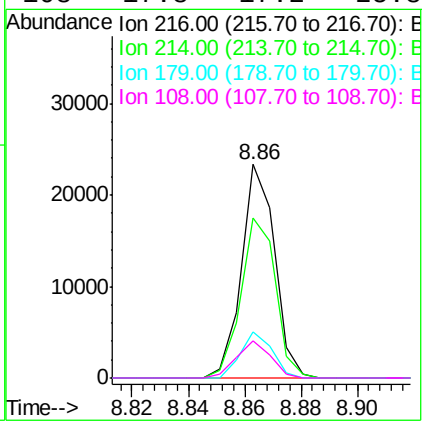


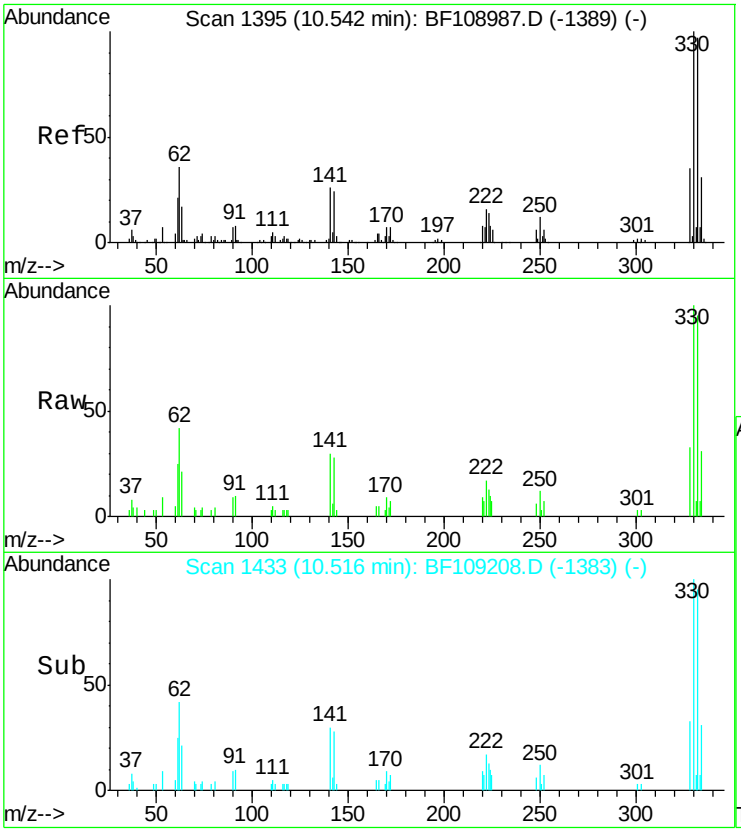


#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.88 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:216 Resp: 19021

Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	20.4	18.1	27.1
108	17.8	17.2	25.8



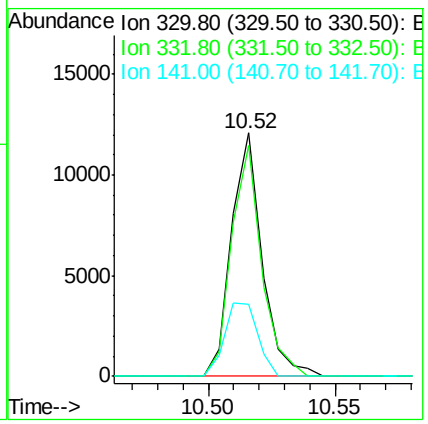


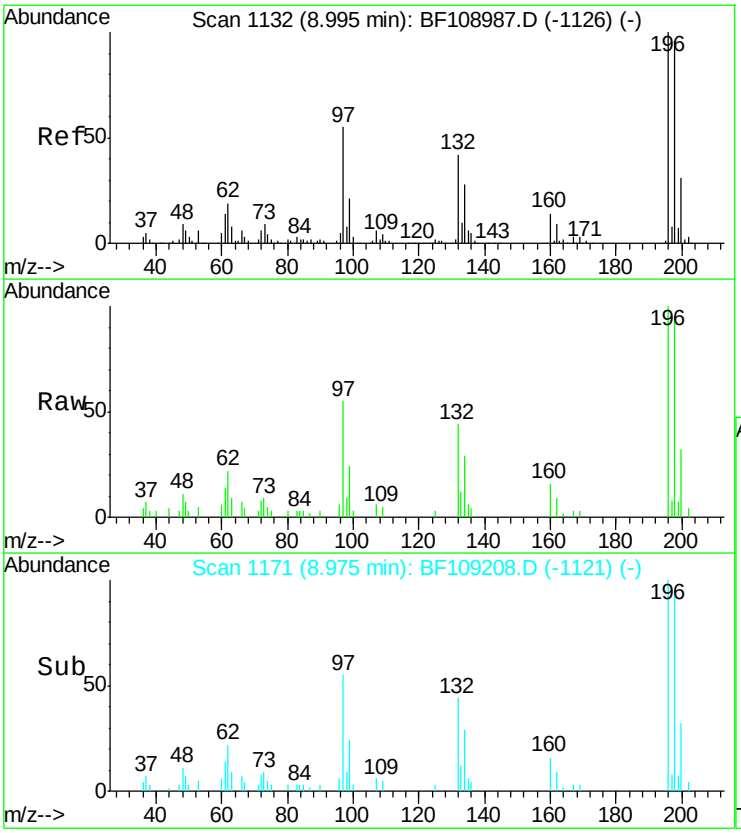
#41
2,4,6-Tribromophenol
Concen: 4.43 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 10108

Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.0	115.6
141	32.9	29.9	44.9

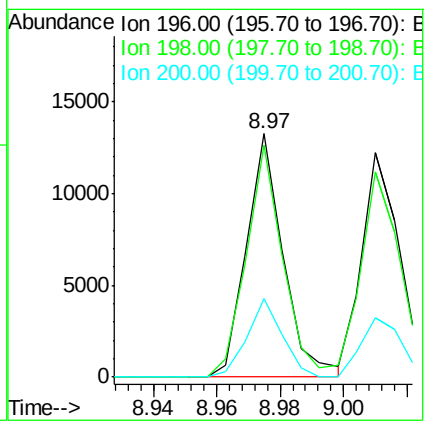


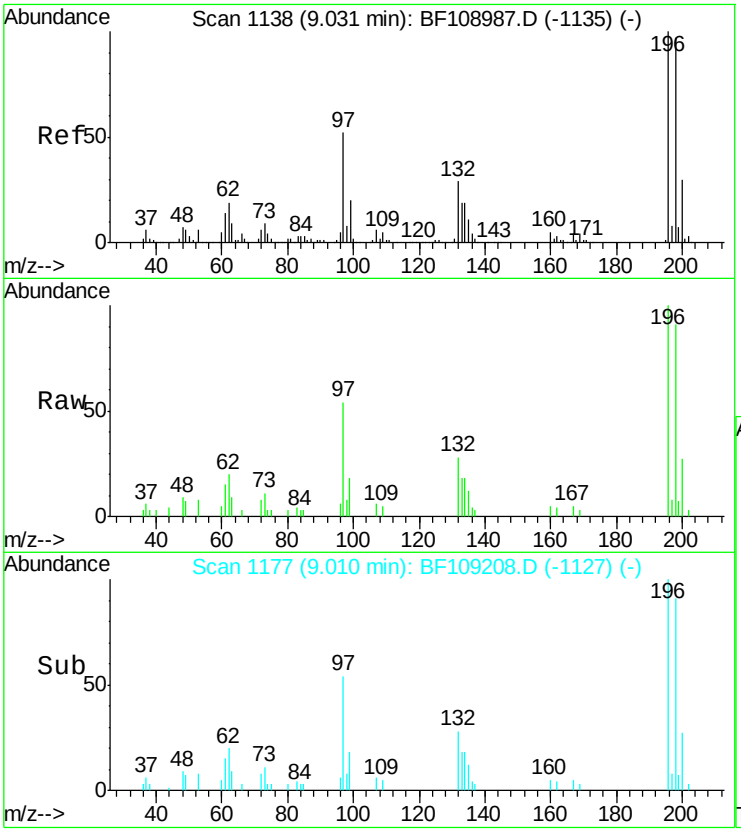


#42
2,4,6-Trichlorophenol
Concen: 2.42 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:196 Resp: 10742

Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	32.5	24.5	36.7



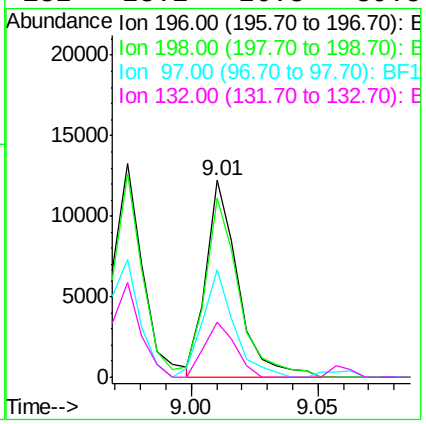


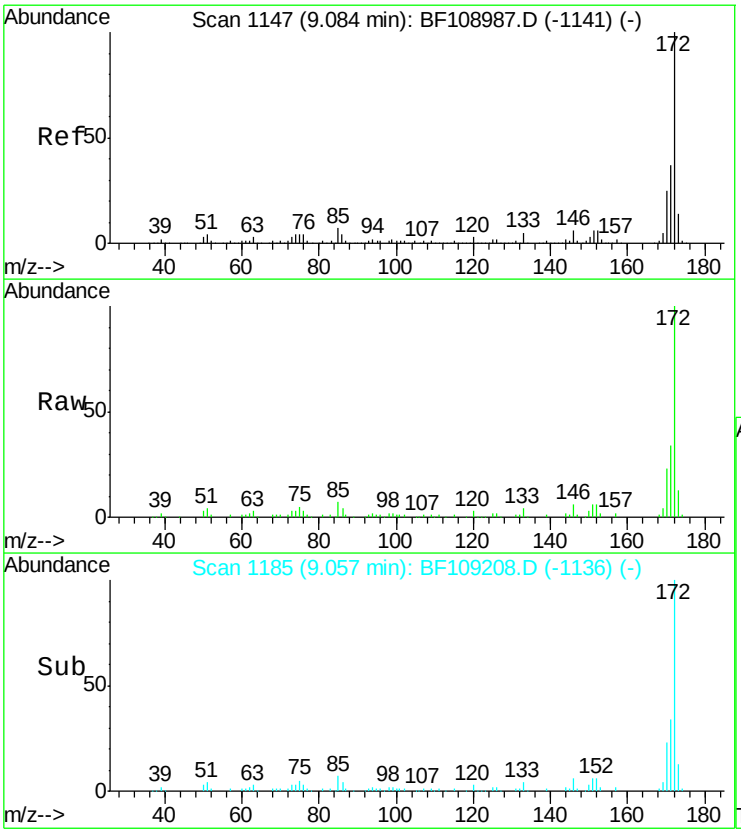
#43
2,4,5-Trichlorophenol
Concen: 2.34 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 10872

Ion	Ratio	Lower	Upper
196	100		
198	91.3	74.6	112.0
97	54.4	42.9	64.3
132	28.2	26.3	39.5

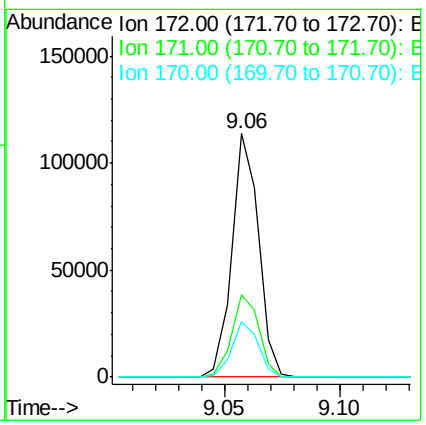


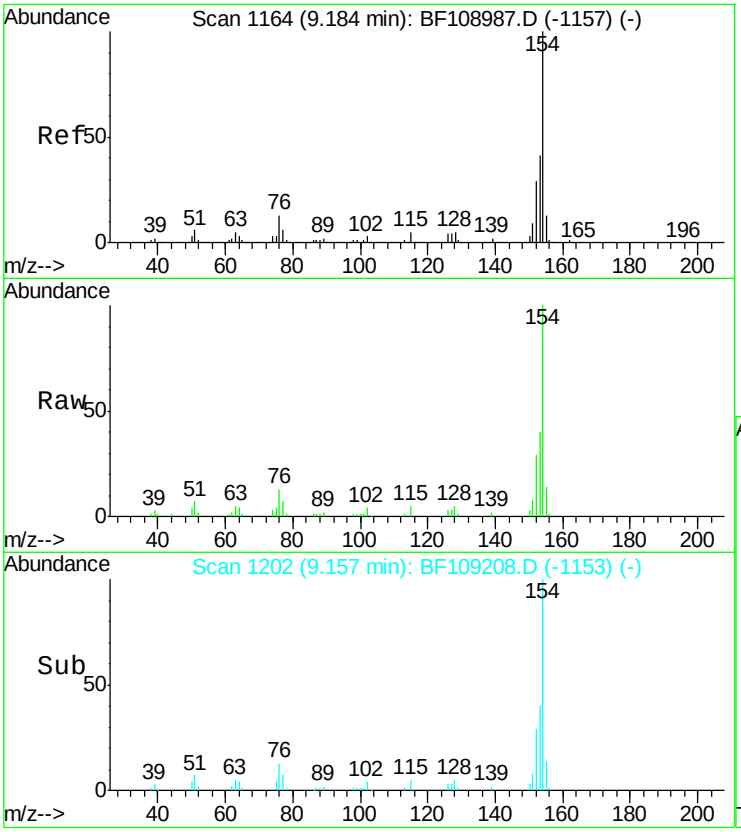


#44
2-Fluorobiphenyl
Concen: 6.85 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:172 Resp: 91809

Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.7	44.5
170	22.8	19.6	29.4



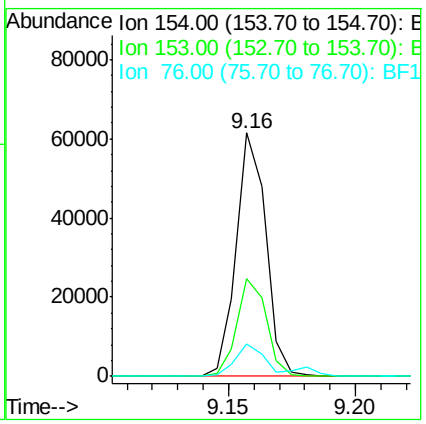


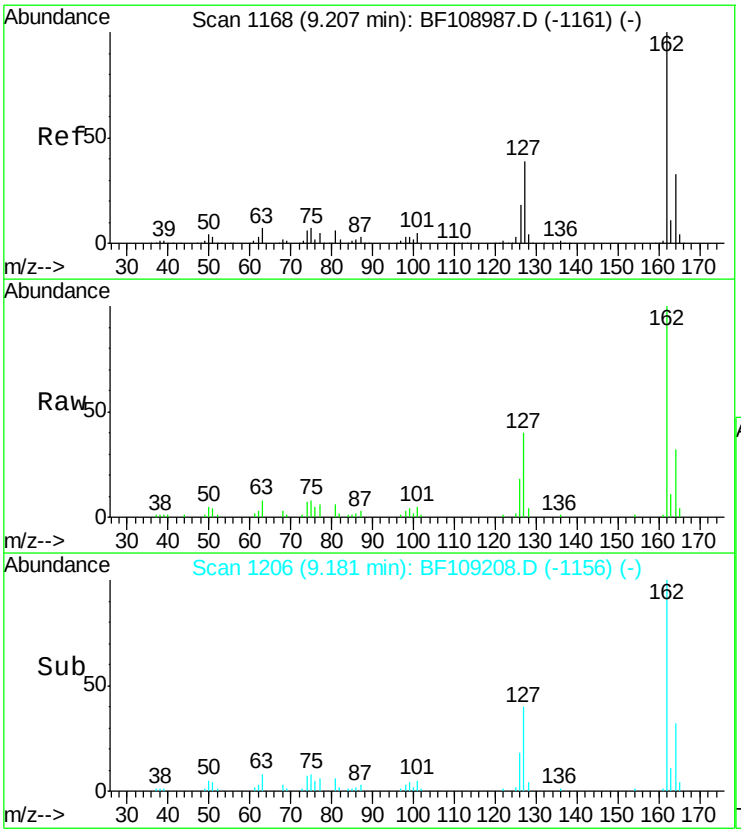
#45
1,1'-Biphenyl
Concen: 2.96 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 49768

Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	13.1	0.0	34.0

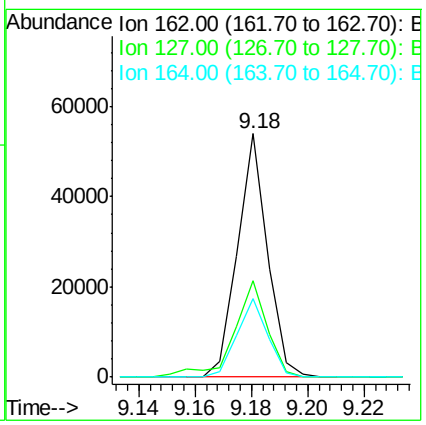


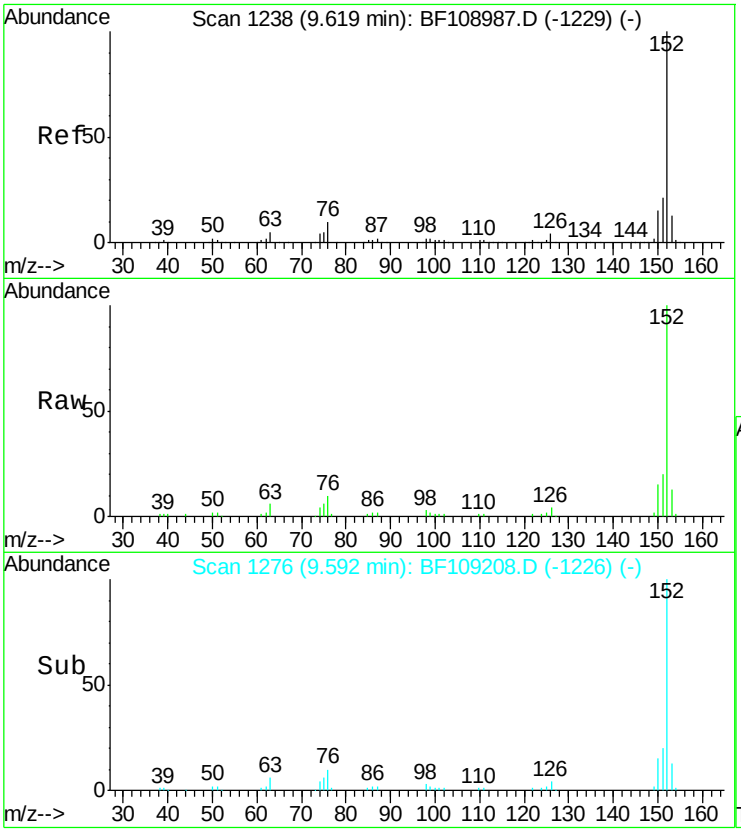


#46
2-Chloronaphthalene
Concen: 2.93 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:162 Resp: 39478

Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.9	50.9
164	32.2	26.5	39.7



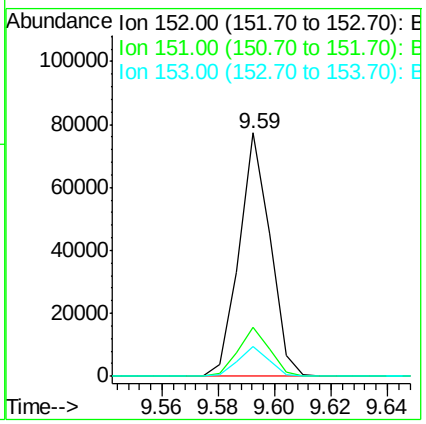


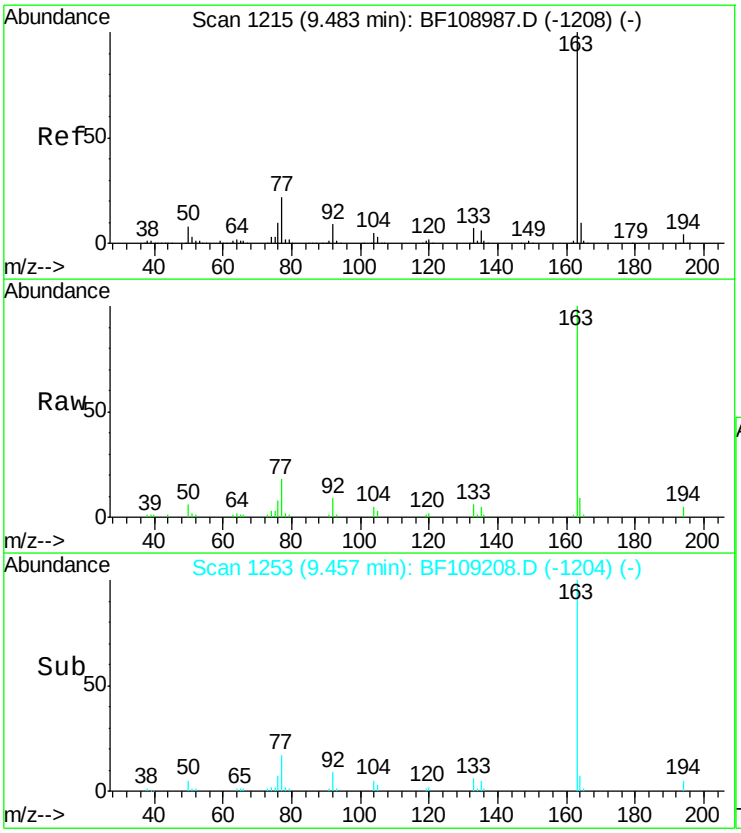
#48
Acenaphthylene
Concen: 2.90 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 58925

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	12.5	10.7	16.1

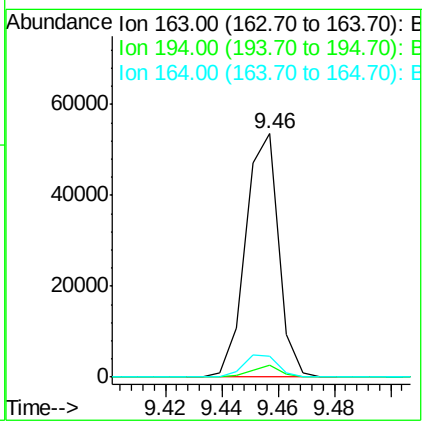


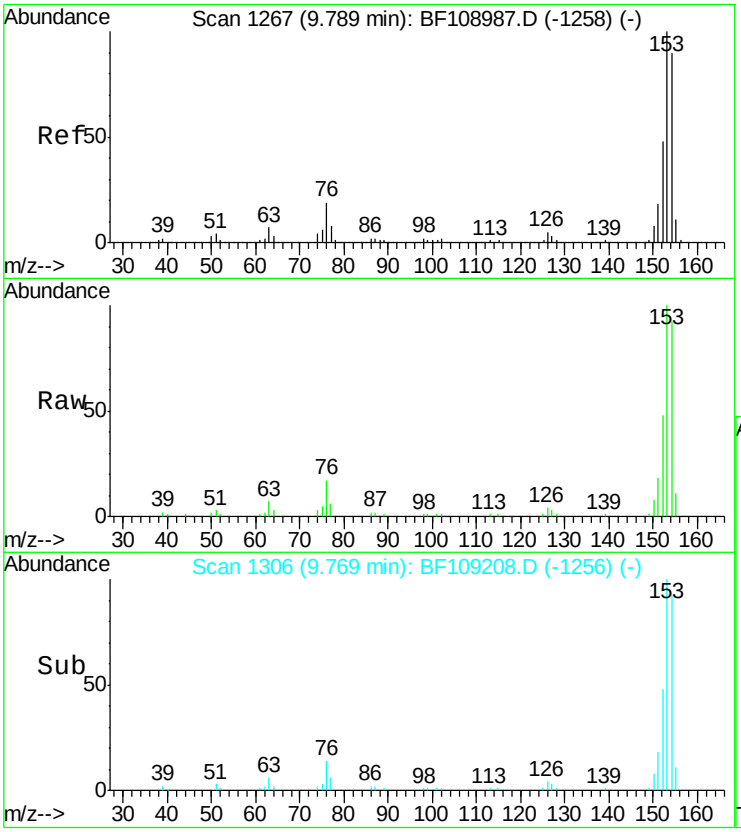


#49
Dimethylphthalate
Concen: 2.88 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:163 Resp: 43309

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	8.7	8.2	12.2



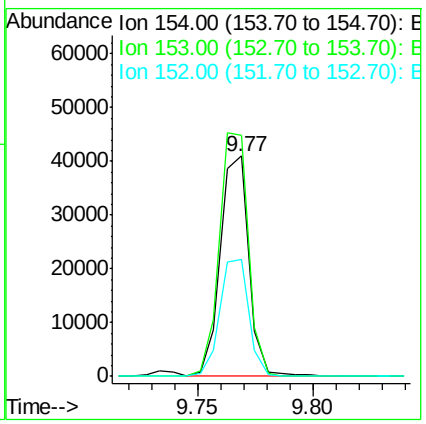


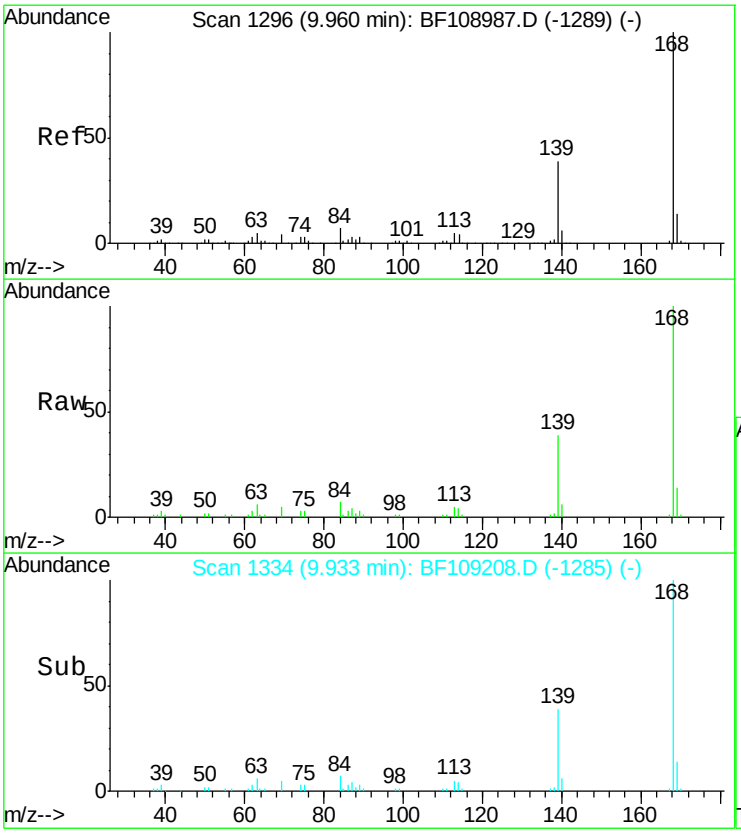
#51
Acenaphthene
Concen: 2.78 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 35082

Ion	Ratio	Lower	Upper
154	100		
153	109.2	91.2	136.8
152	52.8	43.8	65.8

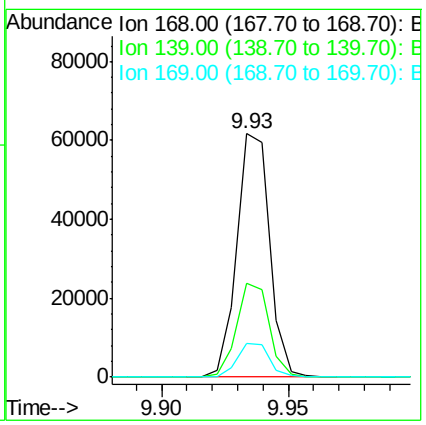


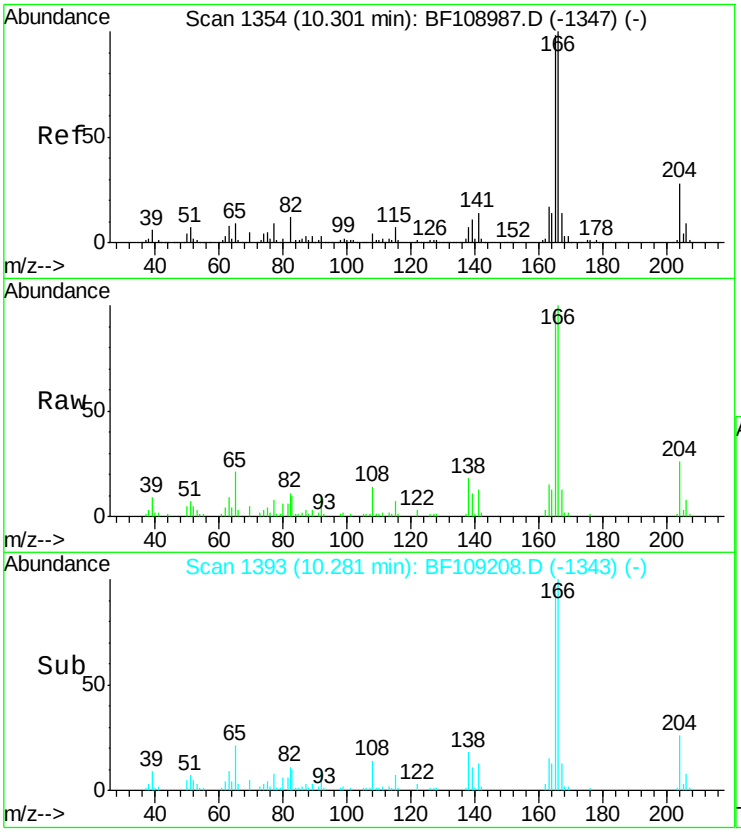


#54
Dibenzofuran
Concen: 3.03 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:168 Resp: 55404

Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.1	45.1
169	13.7	10.9	16.3



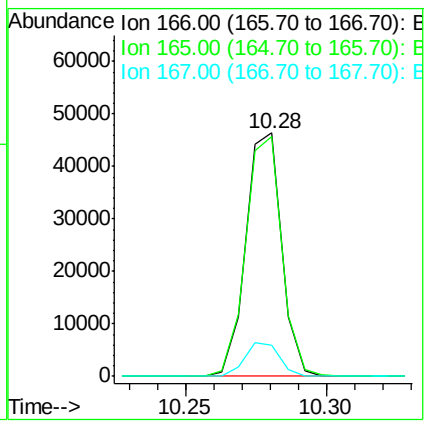


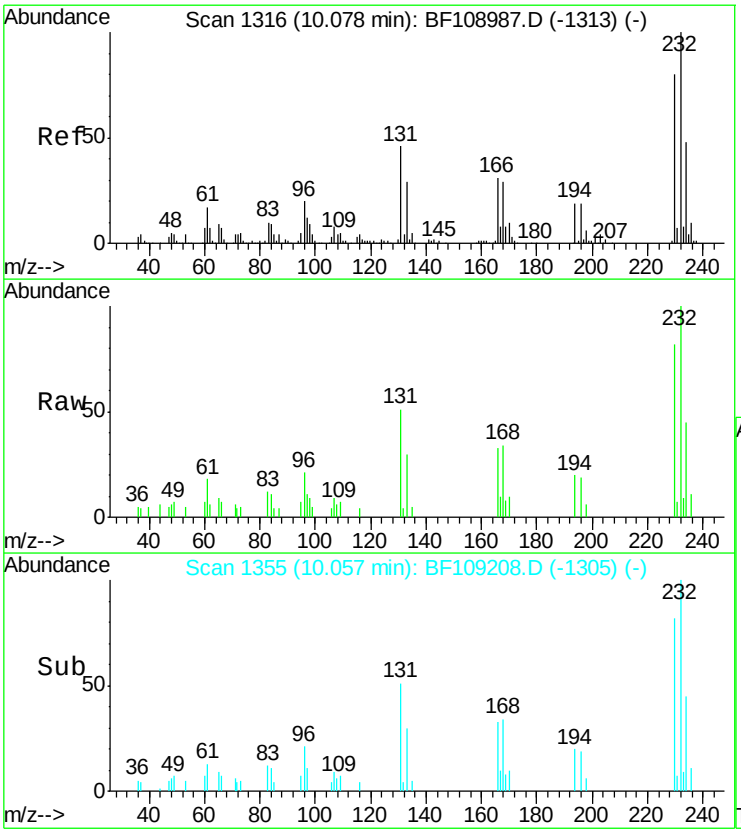
#57
Fluorene
Concen: 3.34 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 40666

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.8	119.8
167	12.6	10.6	16.0

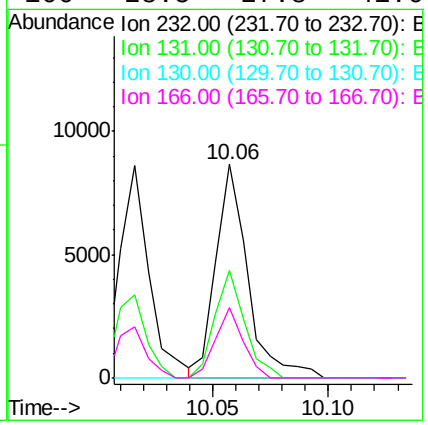


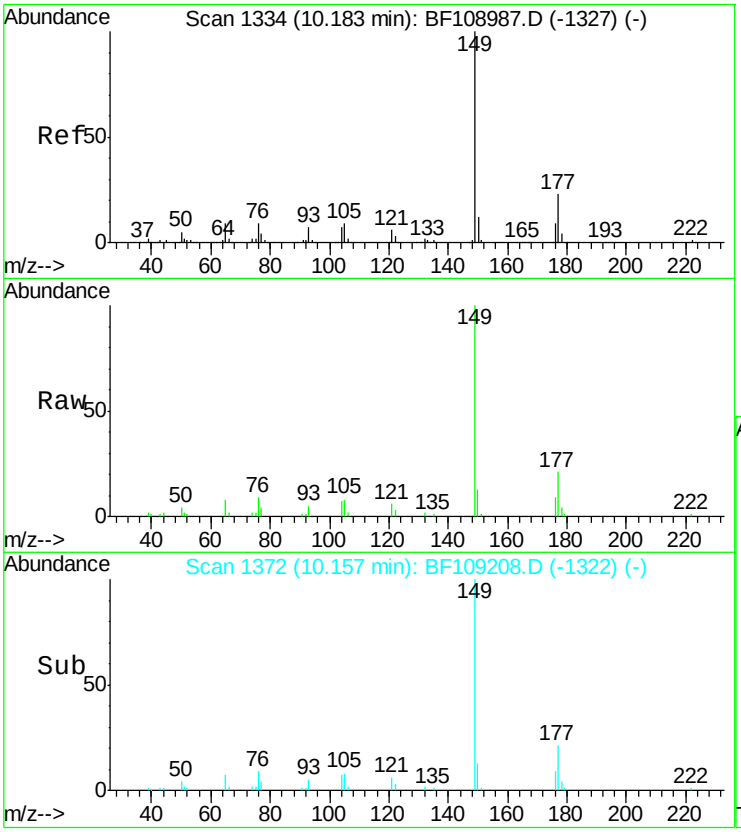


#58
2,3,4,6-Tetrachlorophenol
Concen: 2.16 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:232 Resp: 8311

Ion	Ratio	Lower	Upper
232	100		
131	47.5	43.8	65.8
130	0.0	2.1	3.1#
166	28.5	27.8	41.6



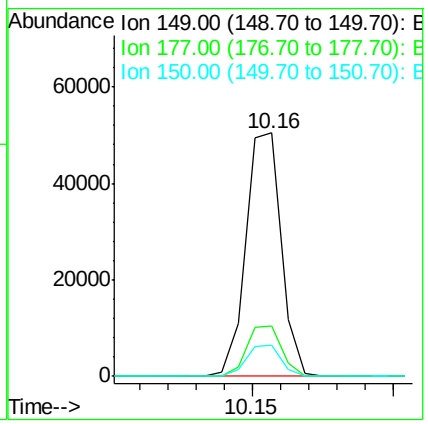


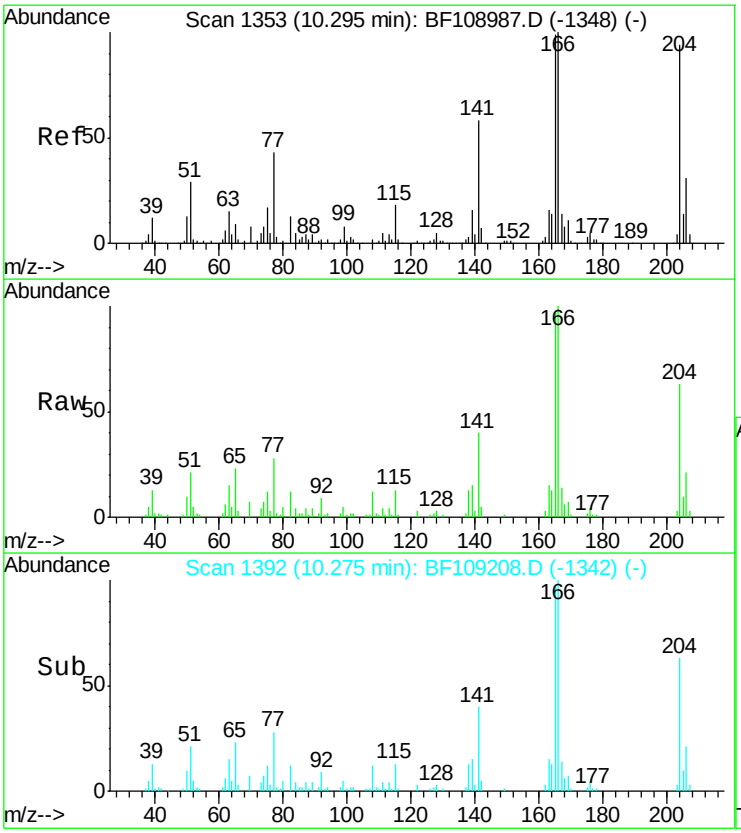
#59
Diethylphthalate
Concen: 2.89 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 43785

Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	12.6	10.1	15.1

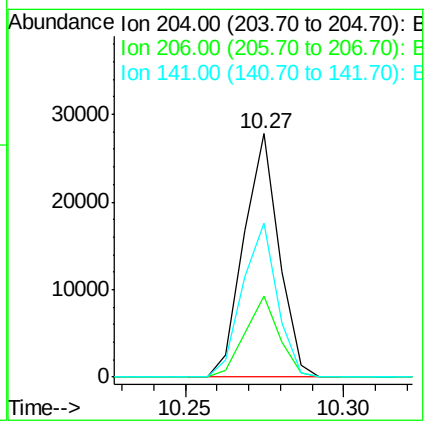


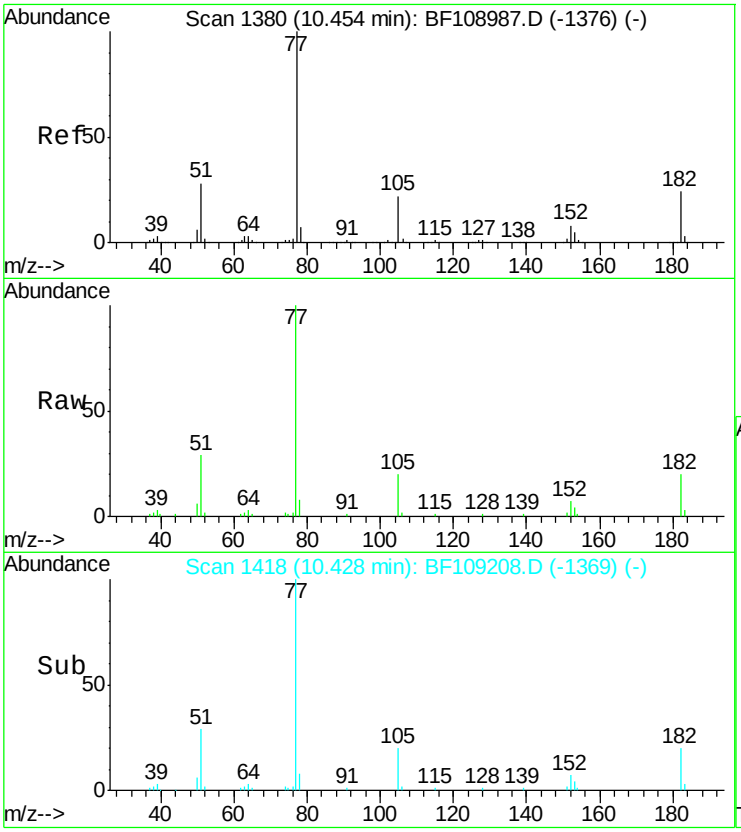


#60
4-Chlorophenyl-phenylether
Concen: 3.28 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:204 Resp: 21354

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	63.3	54.6	81.8



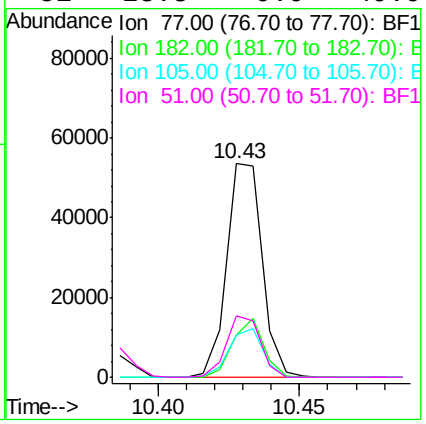


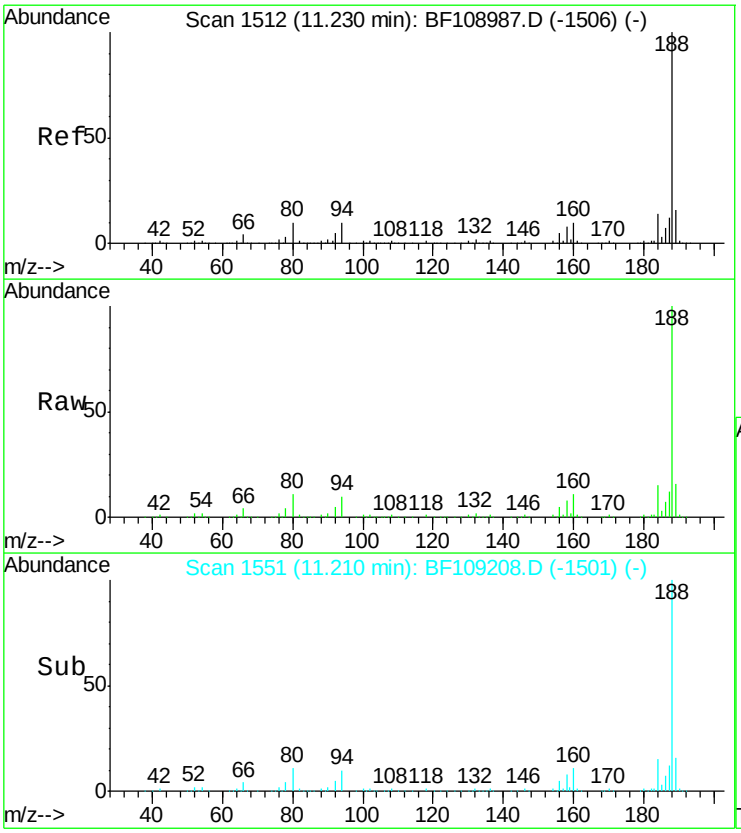
#62
Azobenzene
Concen: 3.02 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 46862

Ion	Ratio	Lower	Upper
77	100		
182	19.9	1.7	41.7
105	20.1	3.0	43.0
51	28.8	9.9	49.9

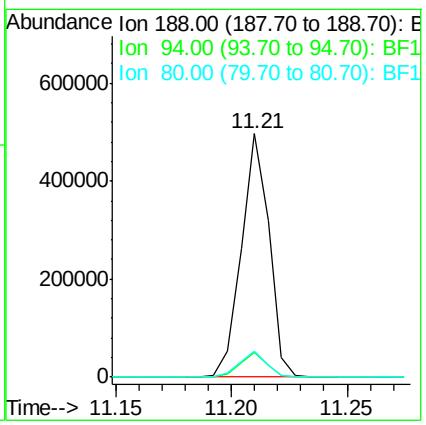


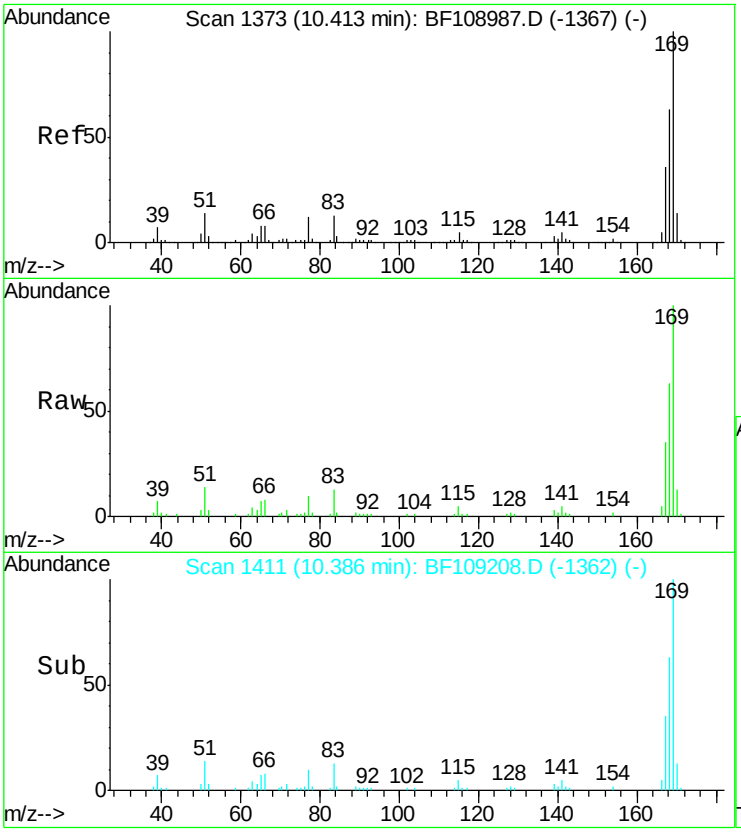


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:188 Resp: 416049

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.7	9.2	13.8



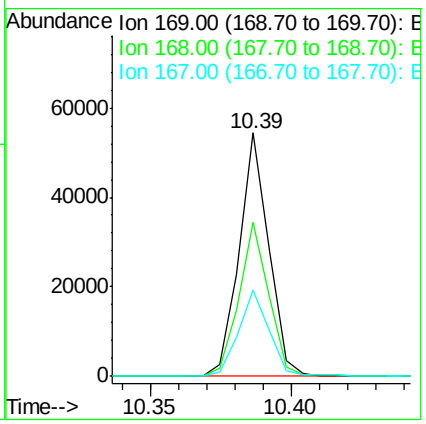


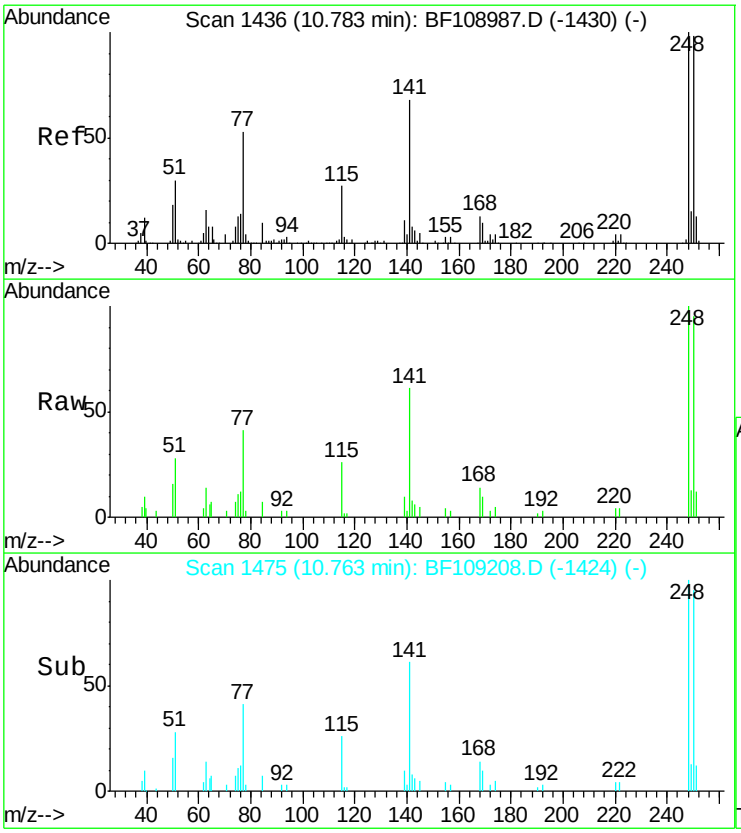
#65
n-Nitrosodiphenylamine
Concen: 2.89 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 39373

Ion	Ratio	Lower	Upper
169	100		
168	63.0	54.4	81.6
167	35.2	29.8	44.6

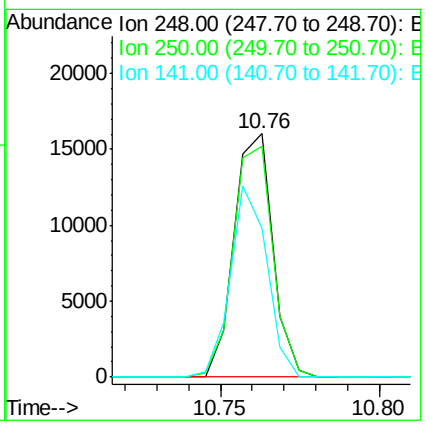


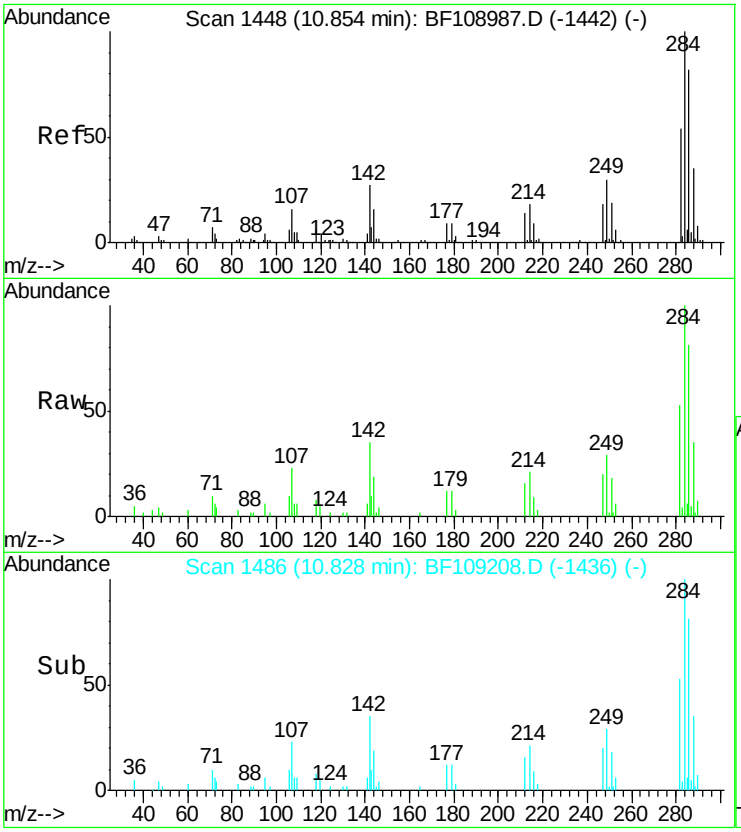


#66
4-Bromophenyl-phenylether
Concen: 2.88 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:248 Resp: 13498

Ion	Ratio	Lower	Upper
248	100		
250	94.9	76.9	115.3
141	61.4	74.4	111.6#



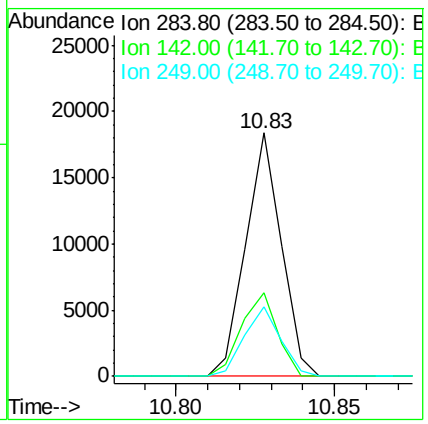


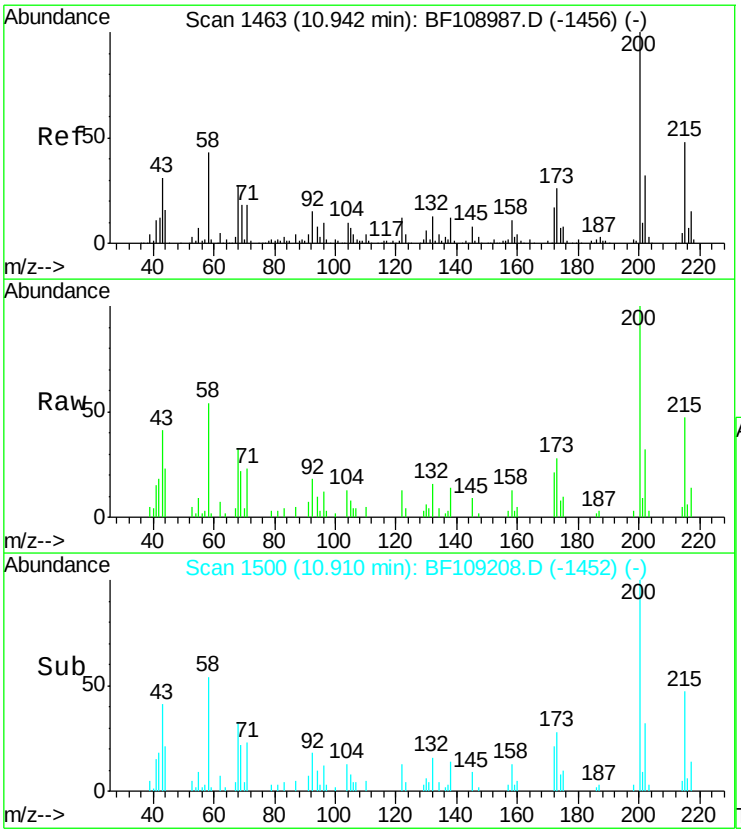
#67
Hexachlorobenzene
Concen: 2.85 ng
RT: 10.83 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:284 Resp: 14290

Ion	Ratio	Lower	Upper
284	100		
142	34.5	34.6	52.0#
249	28.6	24.8	37.2

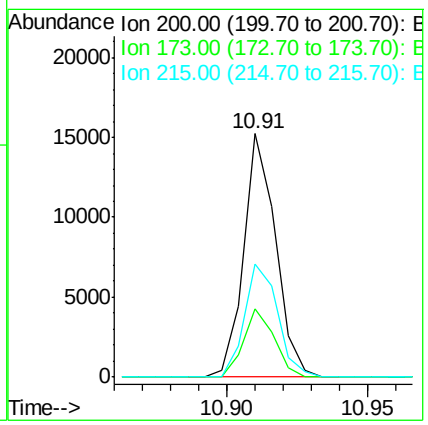


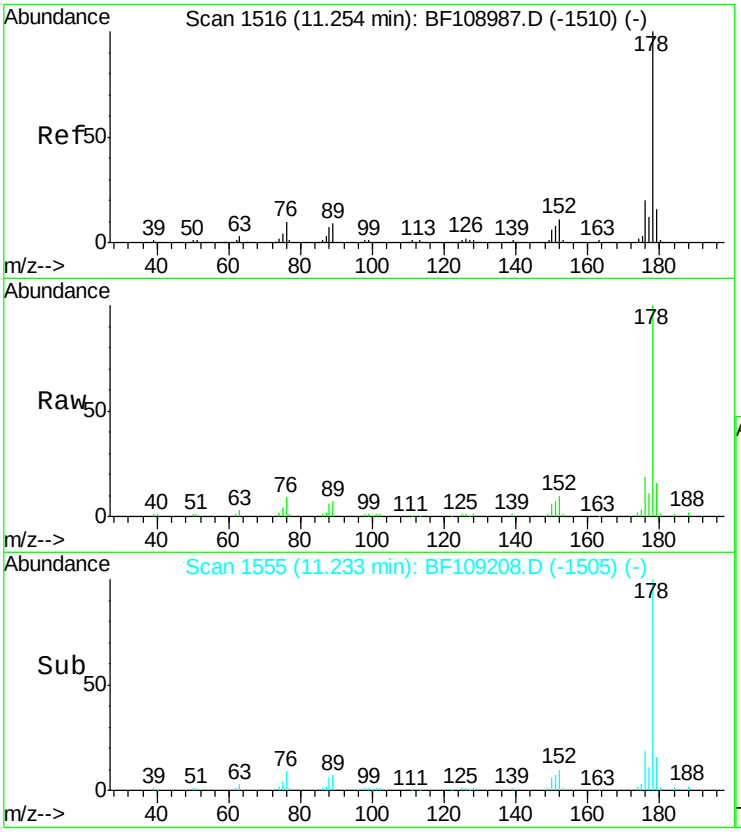


#68
Atrazine
Concen: 2.74 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.02 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:200 Resp: 11924

Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.6	48.6
215	46.6	25.1	65.1



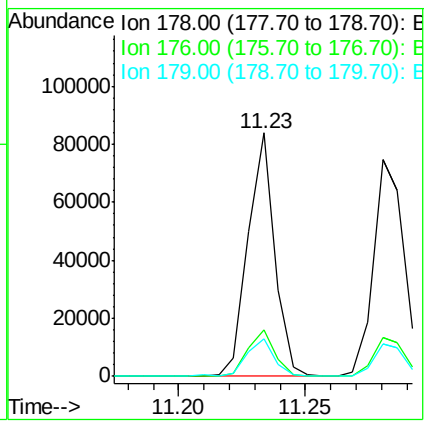


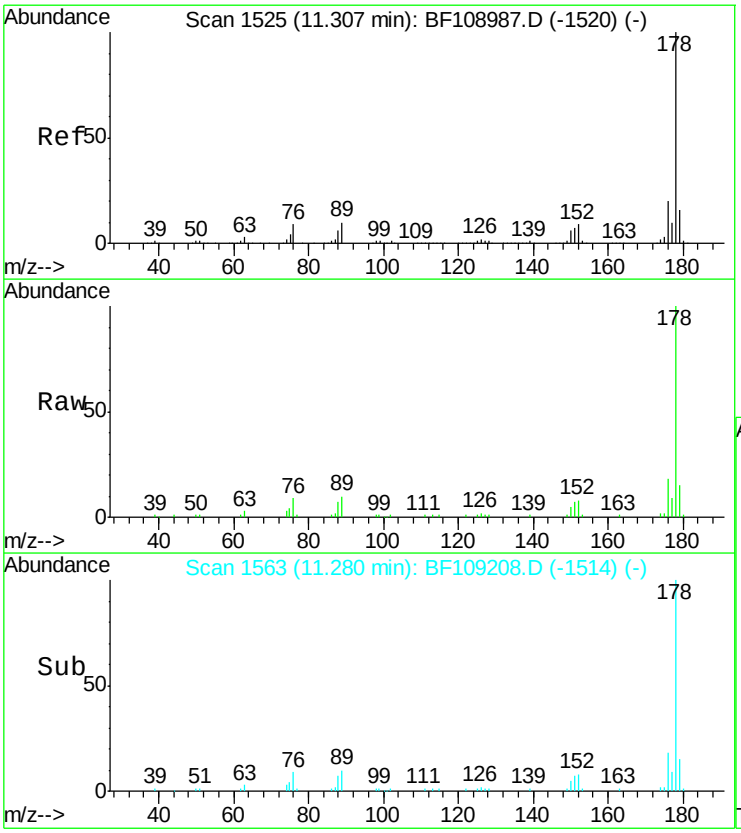
#70
Phenanthrene
Concen: 3.03 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 61726

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.6	13.0	19.6

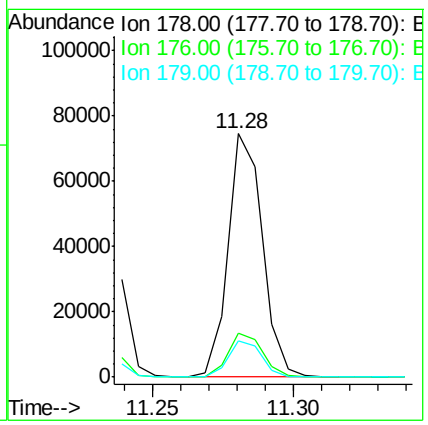


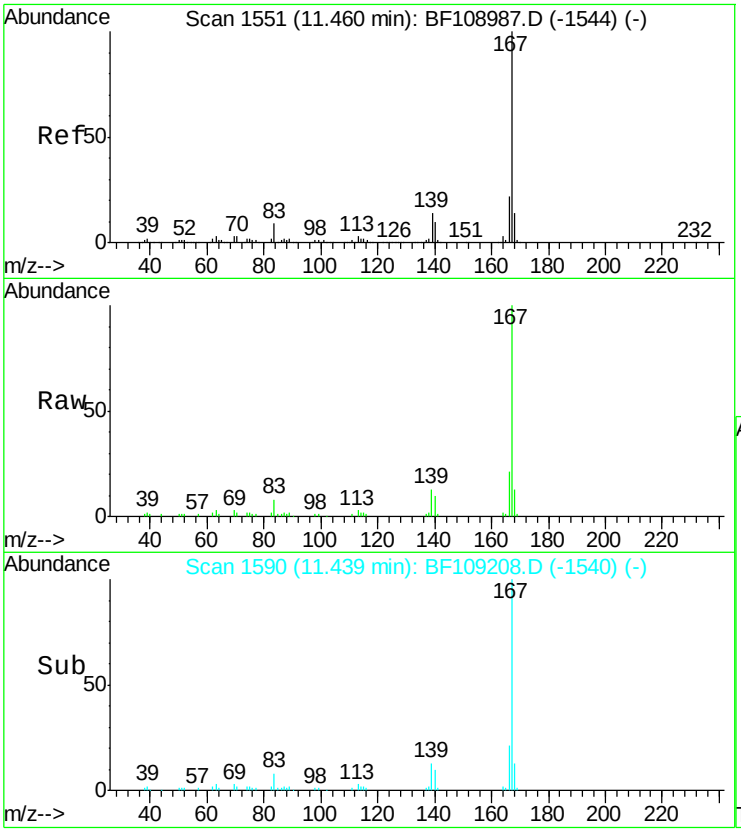


#71
Anthracene
Concen: 3.04 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:178 Resp: 62881

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	14.8	12.6	19.0



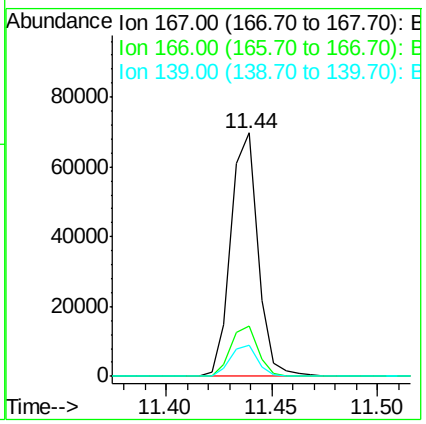


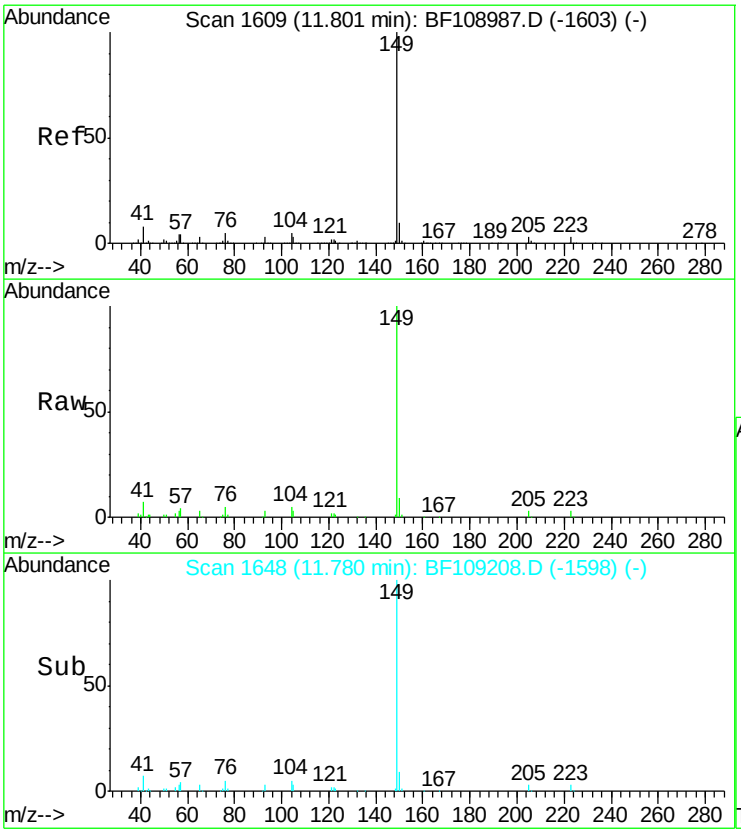
#72
Carbazole
Concen: 3.02 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 61799

Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.6	26.4
139	12.6	10.9	16.3

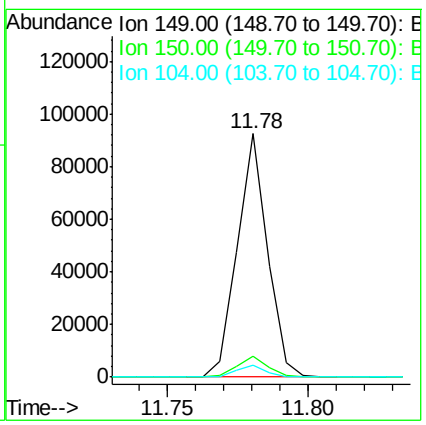


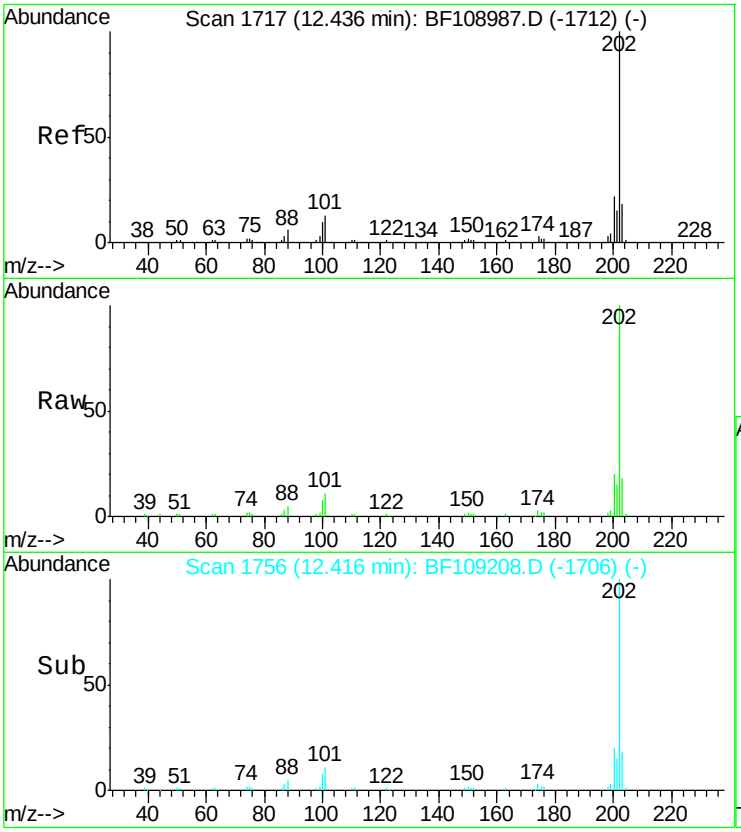


#73
Di-n-butylphthalate
Concen: 2.86 ng
RT: 11.78 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:149 Resp: 68545

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.8	11.6
104	5.0	3.8	5.8



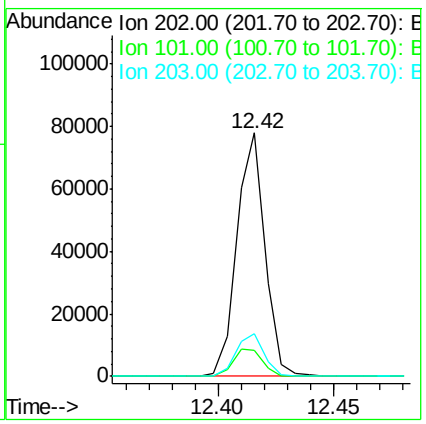


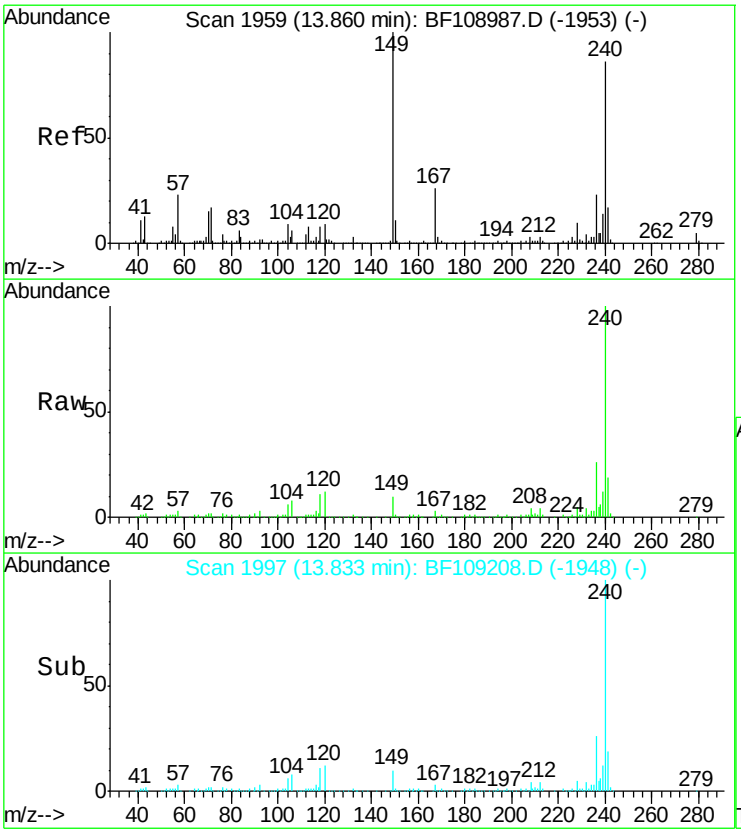
#74
Fluoranthene
Concen: 3.06 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 65877

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.1
203	17.8	0.0	38.1

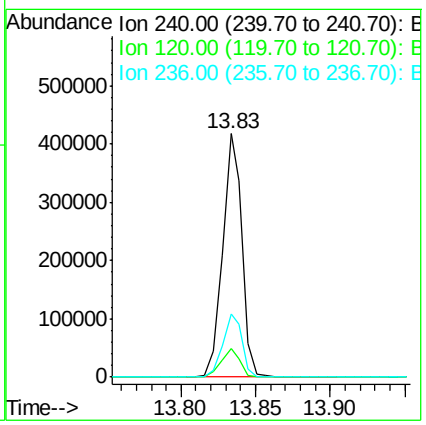


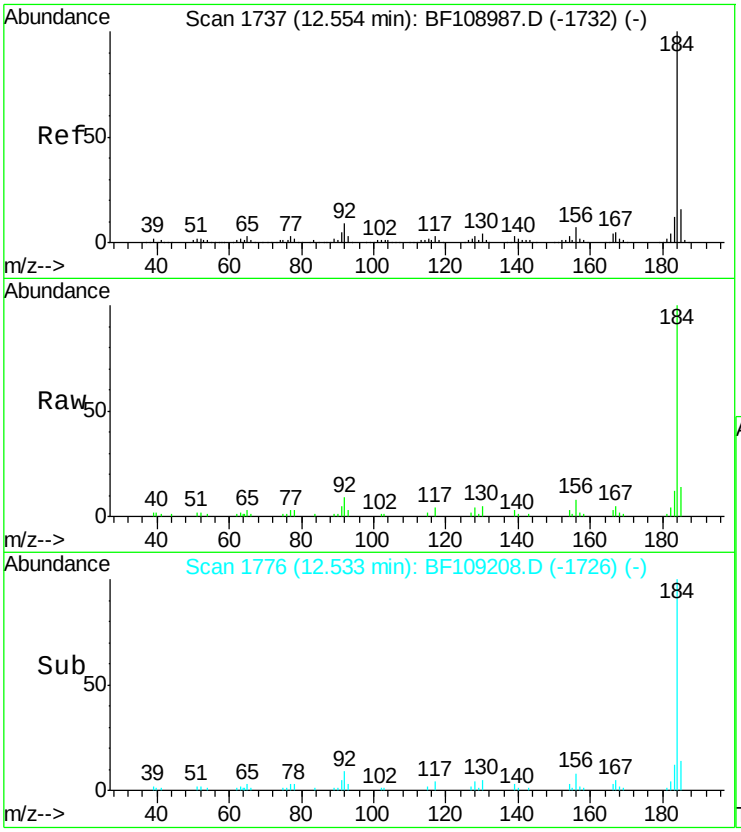


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:240 Resp: 381935

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.7	20.7	31.1



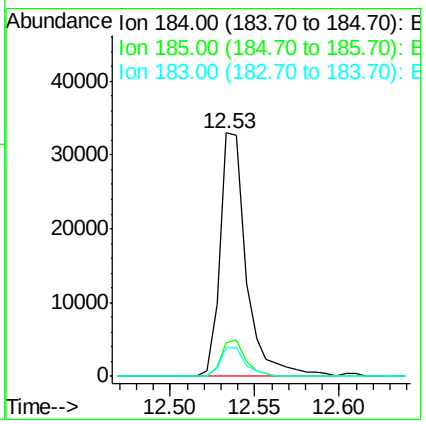


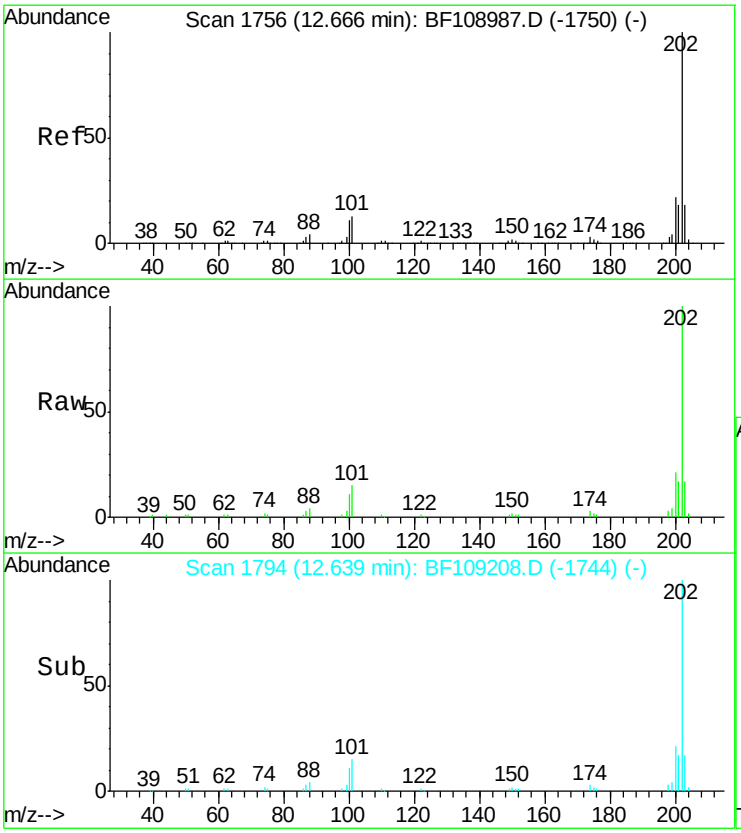
#76
Benzidine
Concen: 2.66 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 35938

Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.6	18.8
183	11.6	9.3	13.9

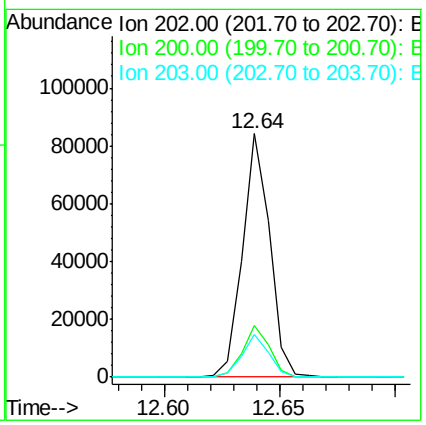


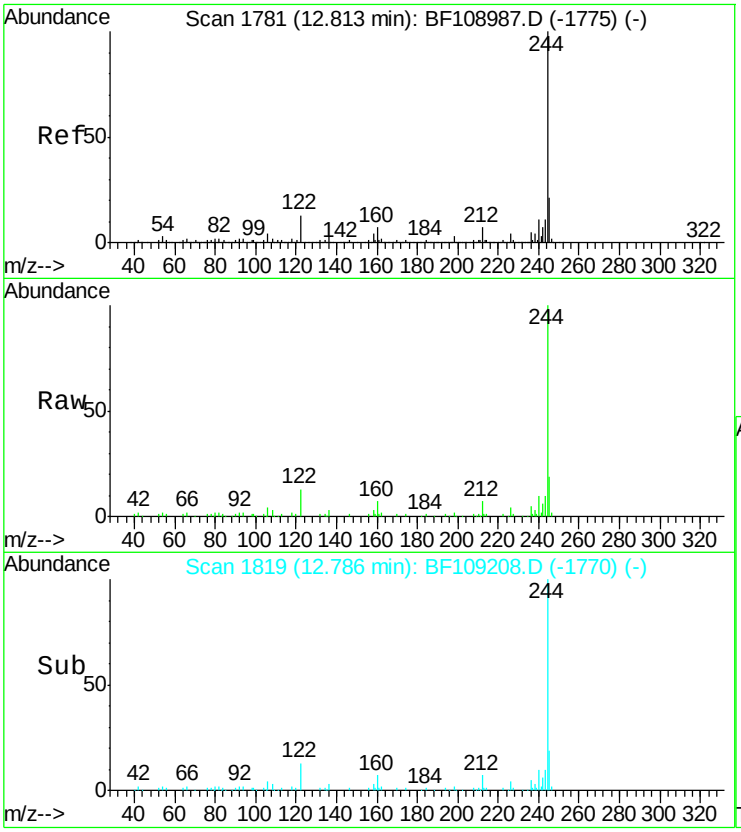


#77
Pyrene
Concen: 2.44 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:202 Resp: 69276

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.3	14.3	21.5



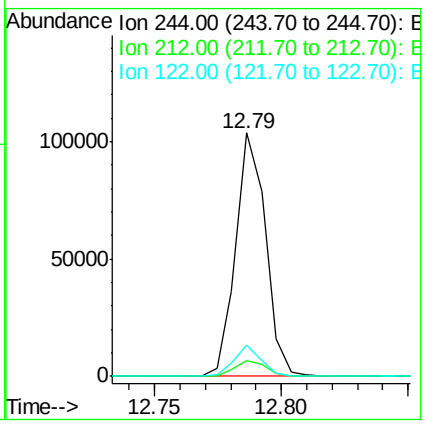


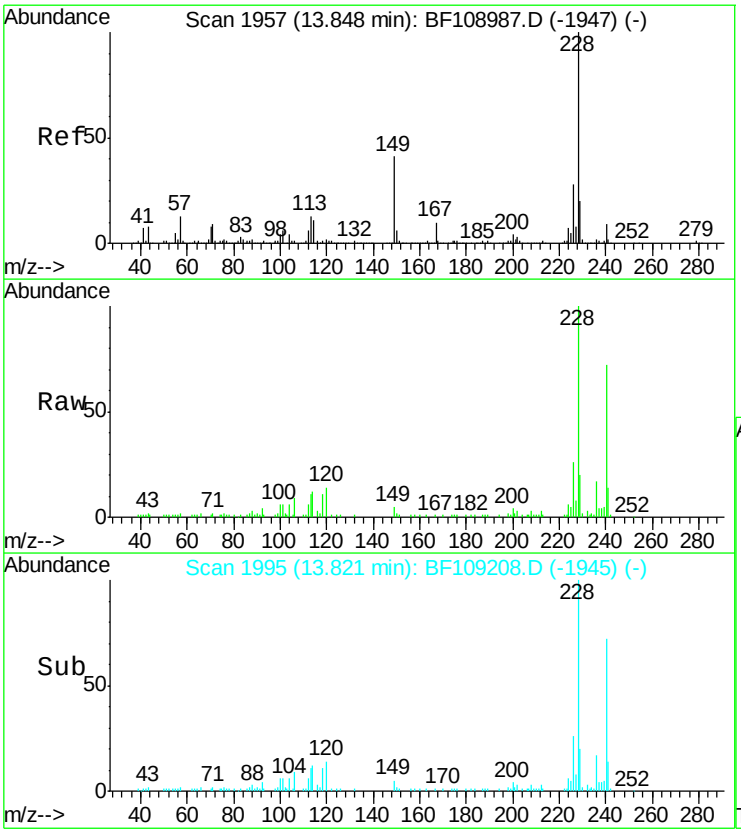
#78
Terphenyl-d14
Concen: 5.27 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 84989

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.6	11.0	16.4

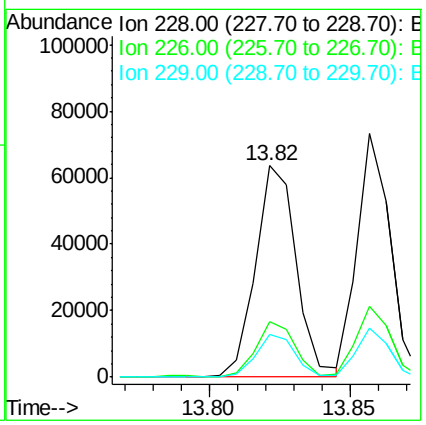


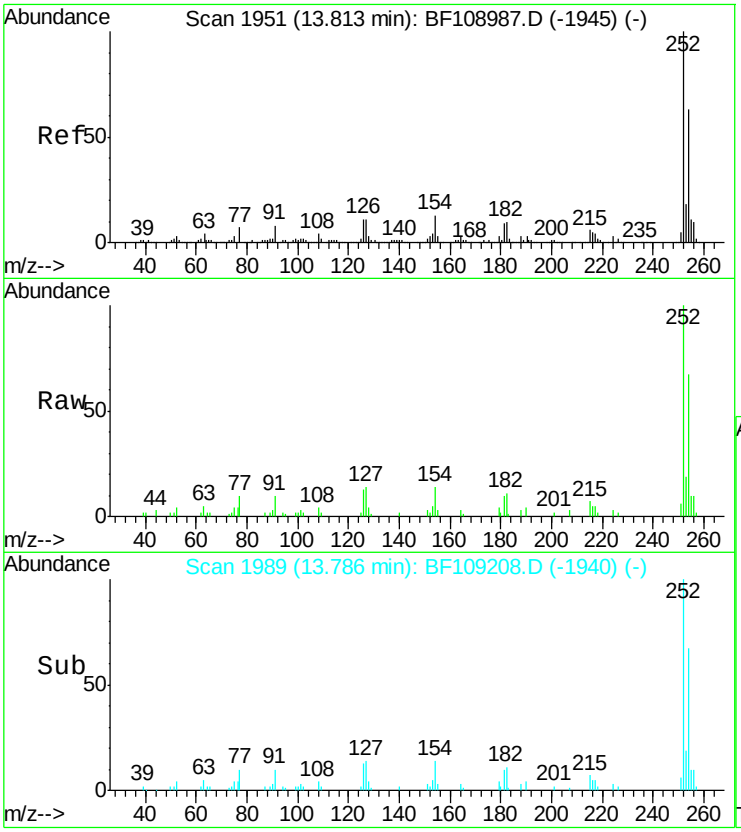


#80
Benzo(a)anthracene
Concen: 2.75 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:228 Resp: 63636

Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.6	33.8
229	20.0	15.8	23.6



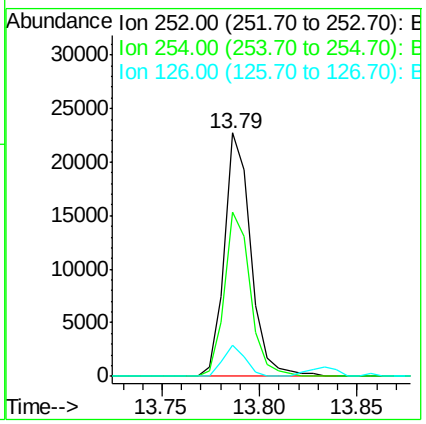


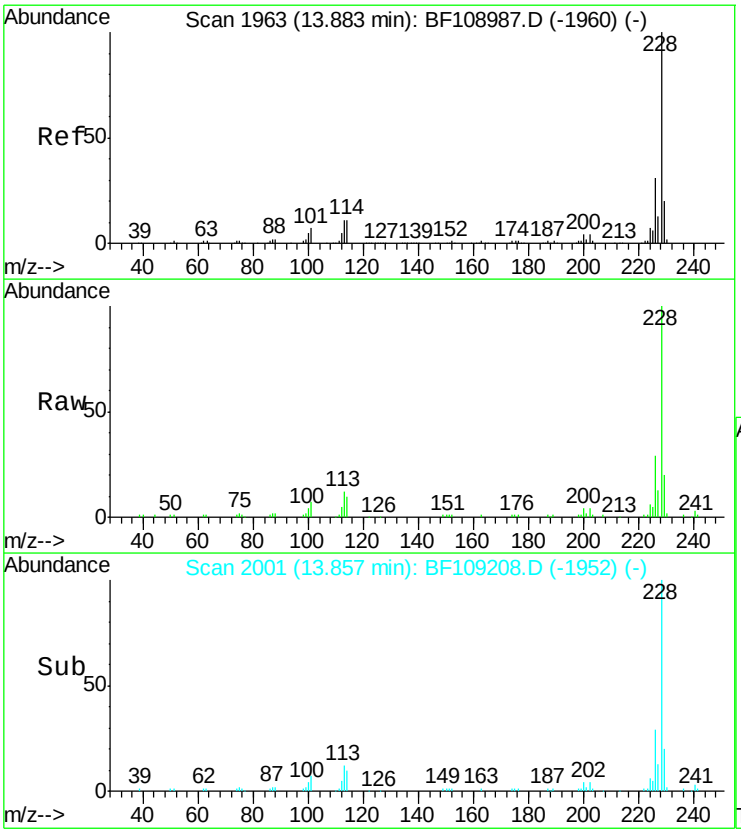
#81
3,3'-Dichlorobenzidine
Concen: 2.29 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 21328

Ion	Ratio	Lower	Upper
252	100		
254	67.2	50.4	75.6
126	12.6	11.3	16.9

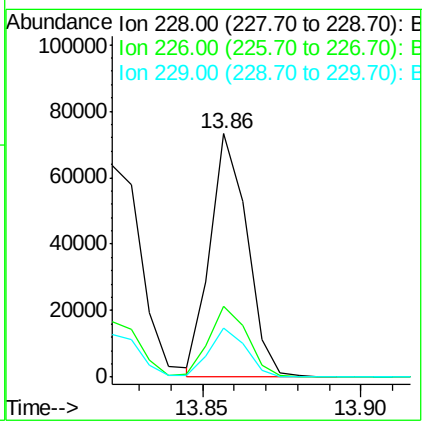


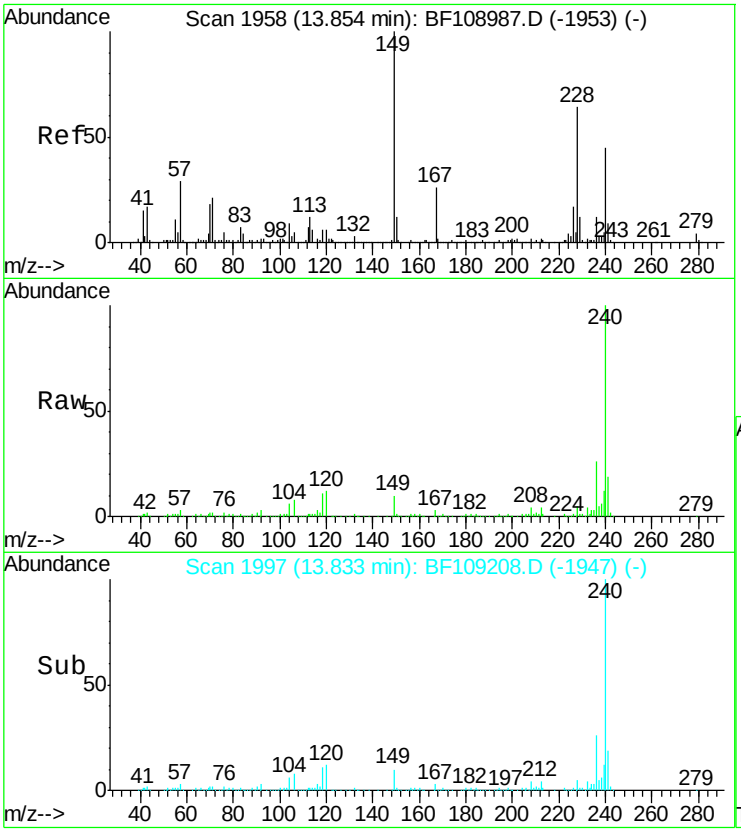


#82
Chrysene
Concen: 2.57 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:228 Resp: 59360

Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.0	37.6
229	20.1	16.2	24.4



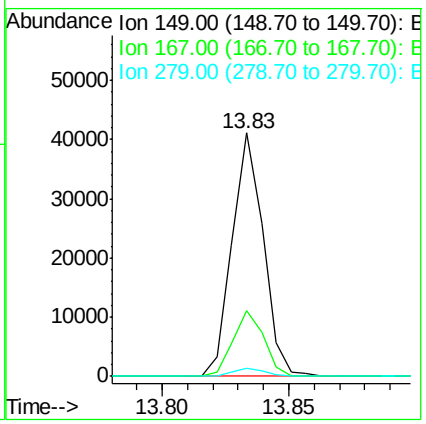


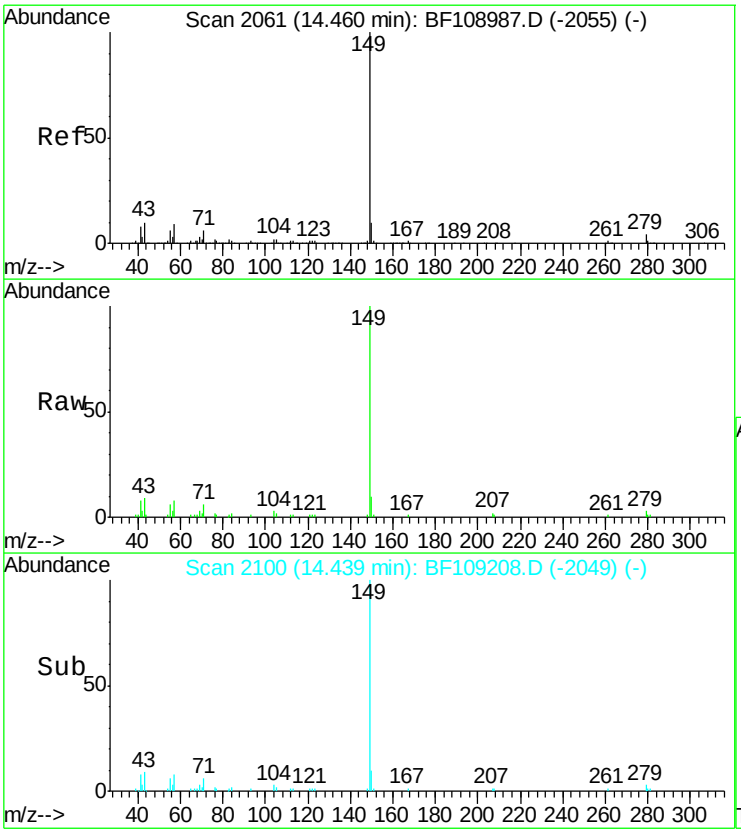
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.28 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 35053

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.3	3.0	4.4

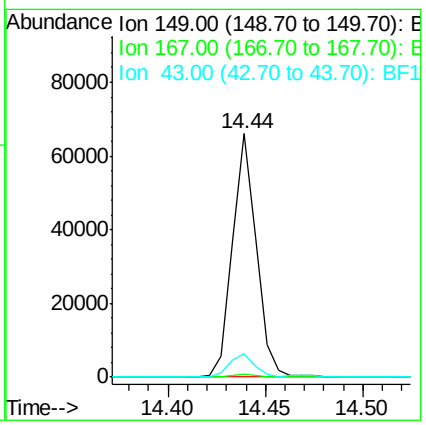


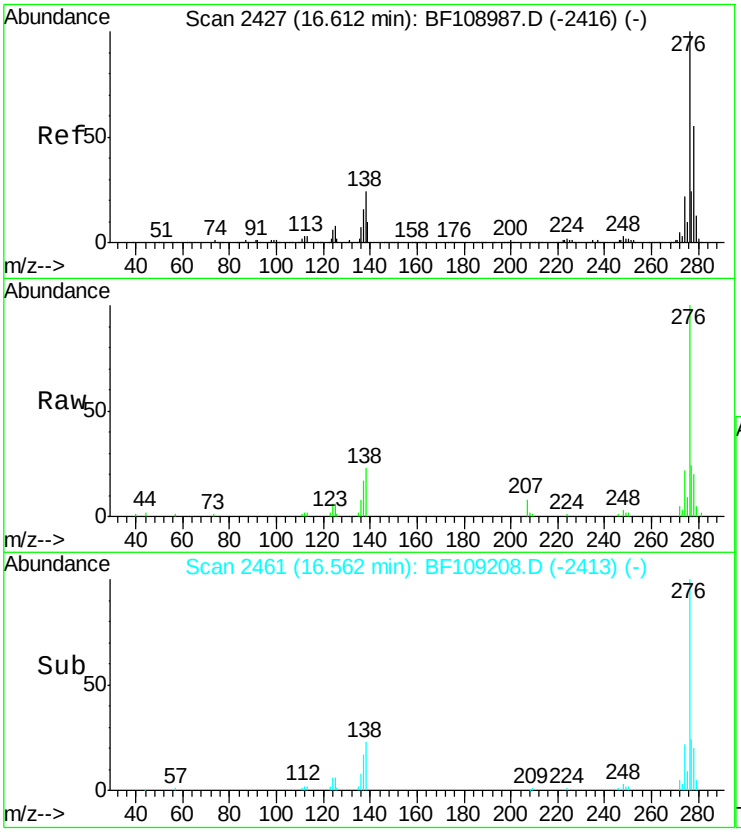


#84
Di-n-octyl phthalate
Concen: 2.15 ng
RT: 14.44 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:149 Resp: 56006

Ion	Ratio	Lower	Upper
149	100		
167	1.2	1.2	1.8
43	9.9	8.4	12.6



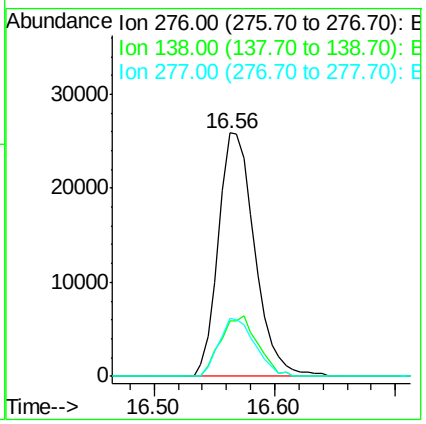


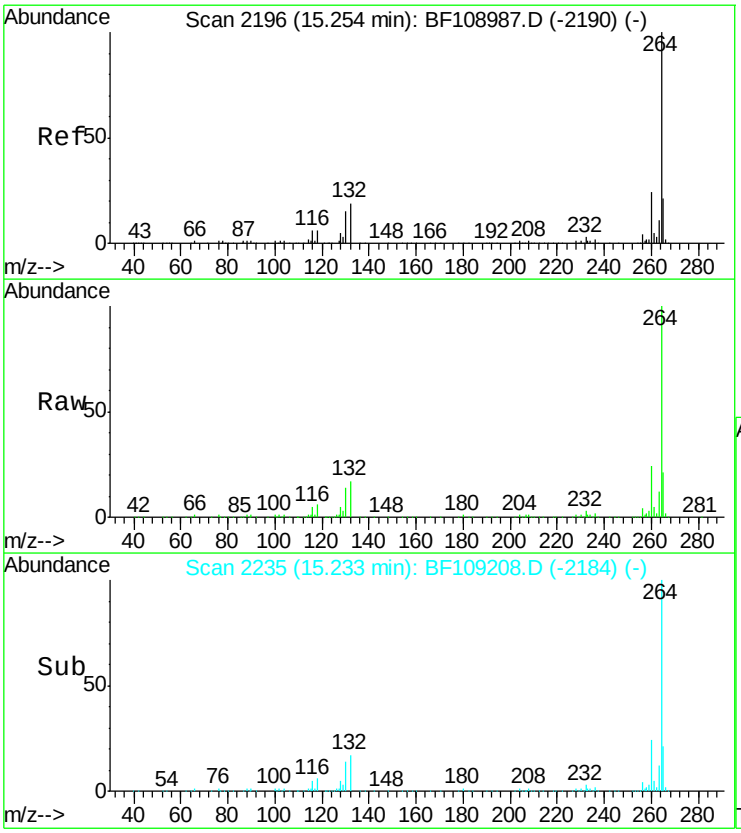
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.92 ng
RT: 16.56 min Scan# 2461
Delta R.T. -0.02 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 53932

Ion	Ratio	Lower	Upper
276	100		
138	25.4	25.0	37.6
277	23.9	20.1	30.1

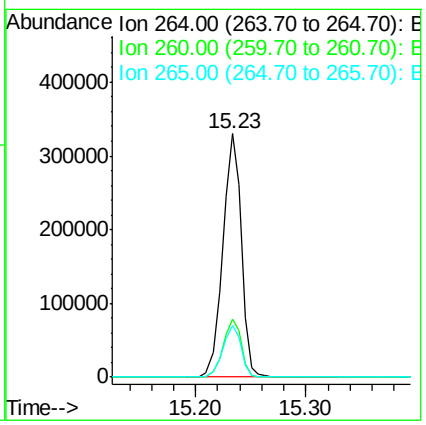


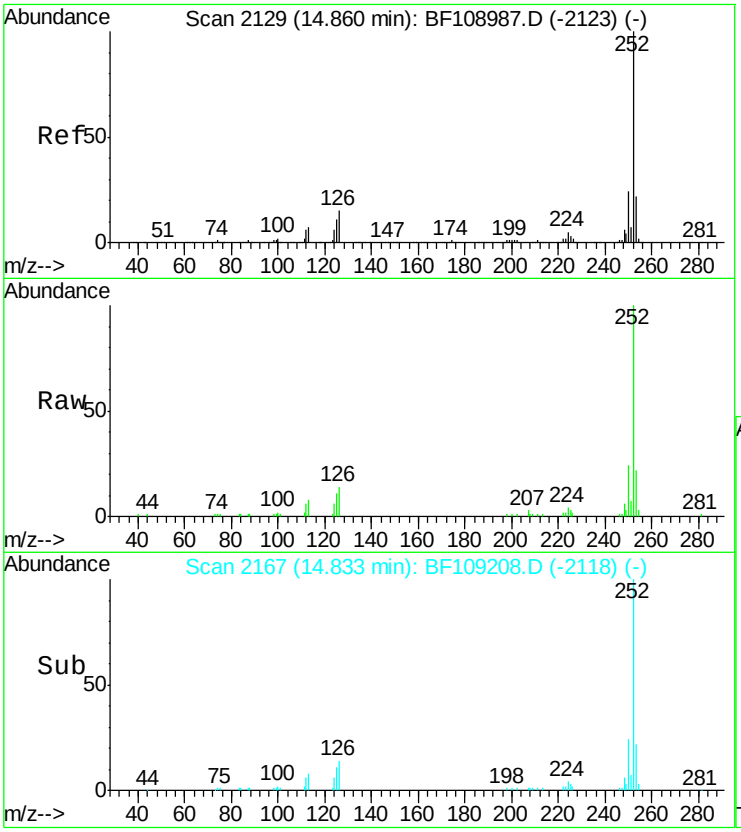


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:264 Resp: 386093

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	17.5	26.3



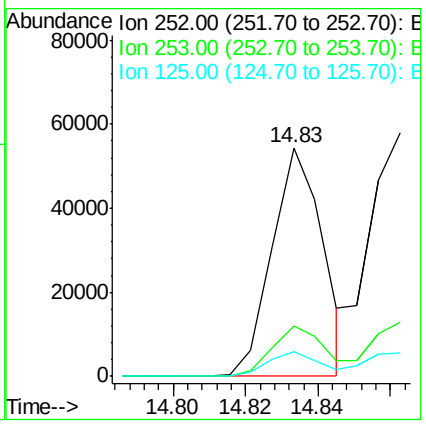


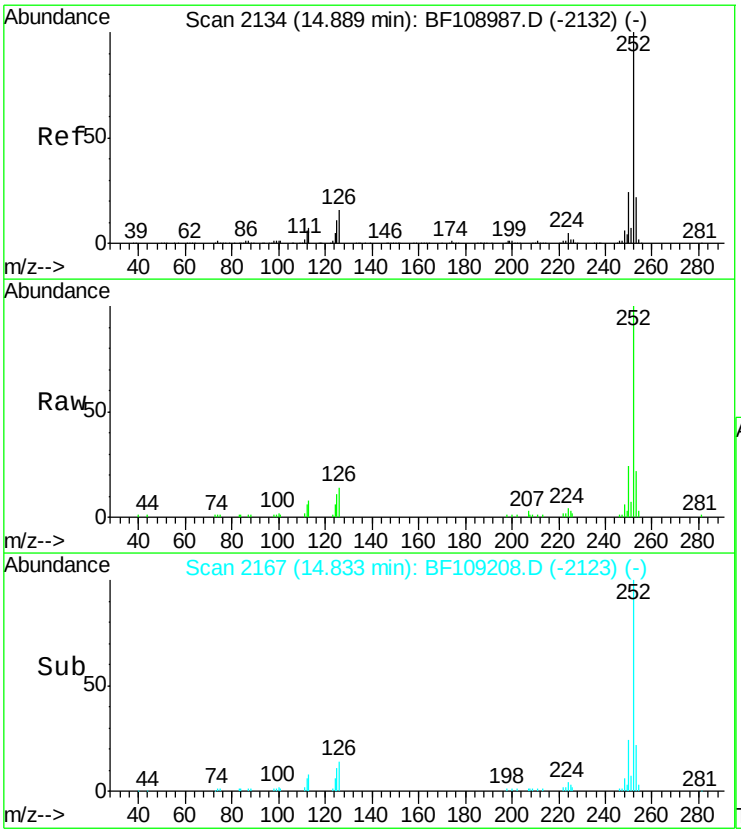
#87
Benzo(b)fluoranthene
Concen: 2.48 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 52991

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	10.7	9.0	13.6

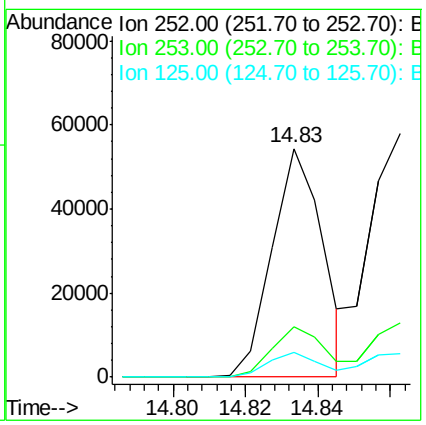


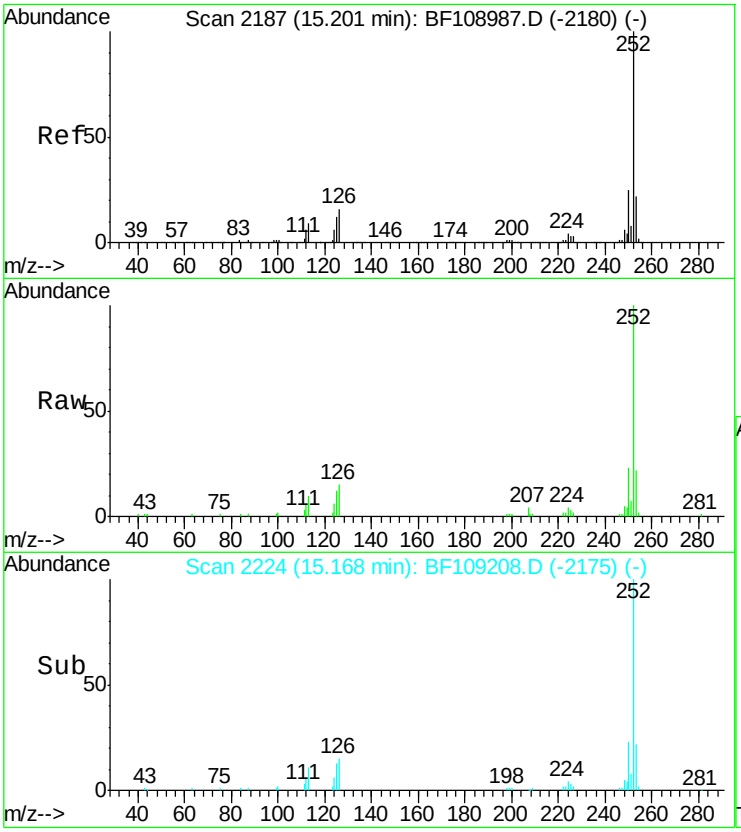


#88
Benzo(k)fluoranthene
Concen: 2.66 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:252 Resp: 52991

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	10.7	10.2	15.2



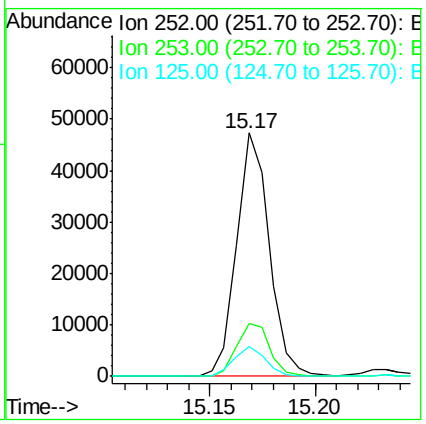


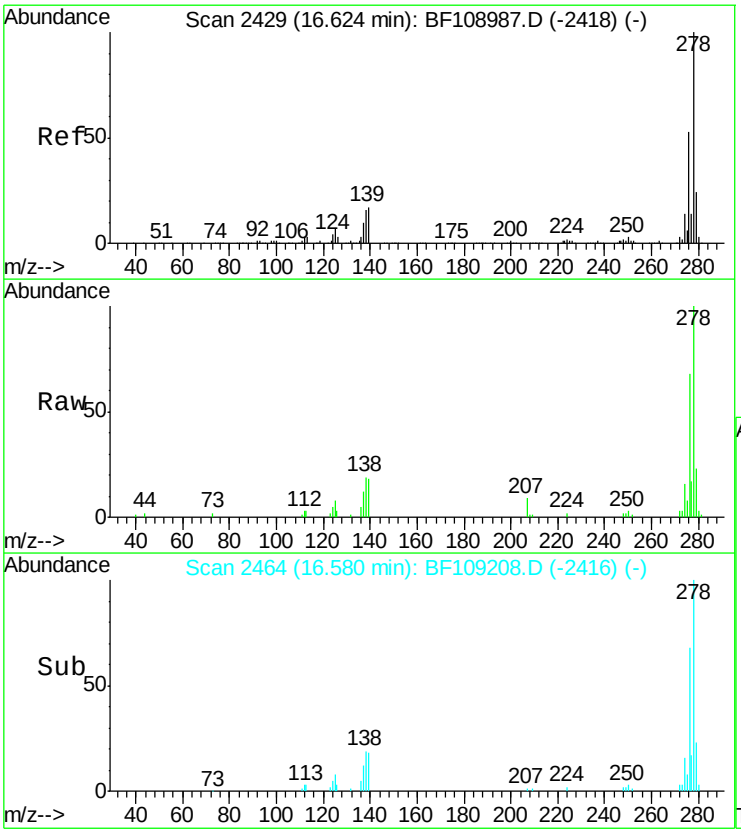
#89
Benzo(a)pyrene
Concen: 2.67 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 50685

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	12.1	9.8	14.6

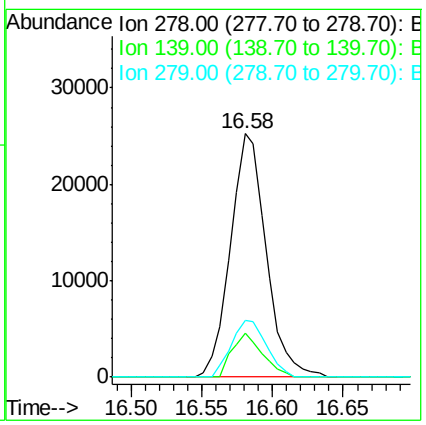


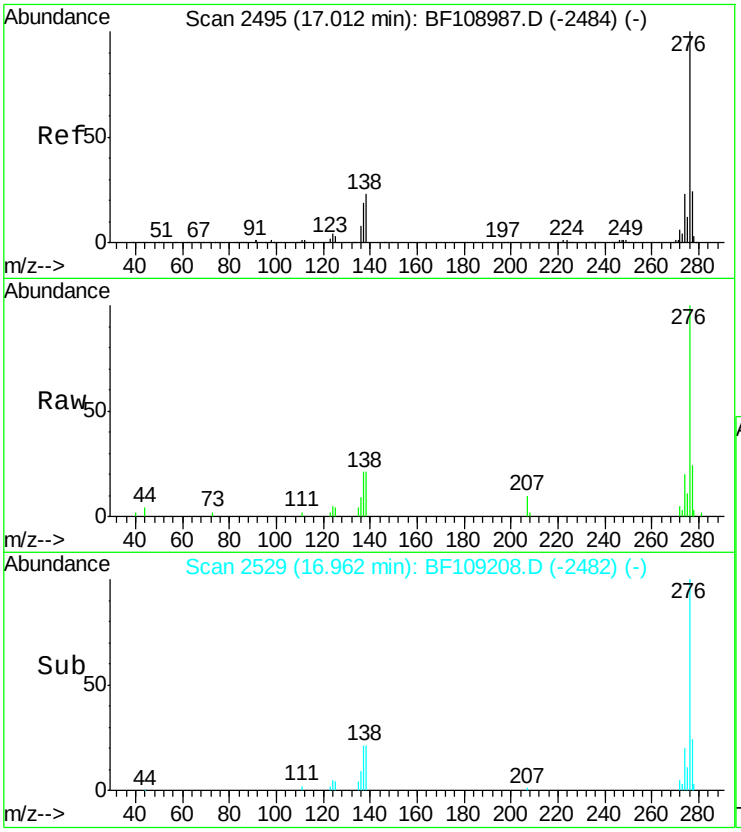


#90
Dibenzo(a,h)anthracene
Concen: 2.80 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.02 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Tgt Ion:278 Resp: 44596

Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.9	23.9
279	23.5	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 2.69 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.02 min
Lab File: BF109208.D
Acq: 22 Sep 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 42806

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	20.7	21.8	32.8#