Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099012.D
Acq On : 2 Oct 2017 21:01
Operator : SJ/JU
Sample : I5531-07 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 03 01:02:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	111717	20.00	ng	-0.02
21) Naphthalene-d8	8.20	136	287851	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	69800	20.00	ng	0.03
63) Phenanthrene-d10	11.47	188	118575	20.00	ng	0.03
75) Chrysene-d12	14.09	240	223211	20.00	ng	0.00
86) Perylene-d12	15.58	264	249957	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	425005	60.56	ng	-0.02
7) Phenol-d6	6.53	99	496351	57.33	ng	-0.02
23) Nitrobenzene-d5	7.47	82	289796	64.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	33573	58.78	ng	0.03
44) 2-Fluorobiphenyl	9.29	172	243110	58.14	ng	0.01
78) Terphenyl-d14	13.03	244	260231	26.51	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	16048	3.20	ng	# 1
18) Hexachloroethane	7.45	117	136061	44.70	ng	# 1
19) n-Nitroso-di-n-propylamine	7.33	70	62752	11.35	ng	# 62
24) Nitrobenzene	7.48	77	33320	6.54	ng	# 56
25) Isophorone	7.72	82	153030	16.49	ng	# 1
26) 2-Nitrophenol	7.82	139	27168	11.10	ng	# 1
27) 2,4-Dimethylphenol	7.86	122	34350	7.43	ng	# 1
28) bis(2-Chloroethoxy)methane	7.96	93	16452	2.84	ng	# 1
29) 2,4-Dichlorophenol	8.05	162	21280	5.36	ng	# 1
31) Naphthalene	8.22	128	56208	4.16	ng	# 33
32) Benzoic acid	7.99	122	34960	9.20	ng	# 46
35) Caprolactam	8.65	113	193529	151.97	ng	# 1
36) 4-Chloro-3-methylphenol	8.76	107	38567	8.64	ng	# 32
37) 2-Methylnaphthalene	8.93	142	933184	106.18	ng	95
42) 2,4,6-Trichlorophenol	9.20	196	7882	5.34	ng	# 13
43) 2,4,5-Trichlorophenol	9.27	196	3346	2.27	ng	# 1
47) 2-Nitroaniline	9.53	65	16452	11.93	ng	# 33
48) Acenaphthylene	9.85	152	55821	8.10	ng	# 1
49) Dimethylphthalate	9.73	163	26029	4.94	ng	# 12
50) 2,6-Dinitrotoluene	9.76	165	49680	43.32	ng	# 77
51) Acenaphthene	10.02	154	115272	26.39	ng	# 65
52) 3-Nitroaniline	9.95	138	35294	26.39	ng	# 26
53) 2,4-Dinitrophenol	10.02	184	2126	9.13	ng	# 1
54) Dibenzofuran	10.20	168	103255	17.76	ng	# 1
55) 4-Nitrophenol	10.10	139	54530	48.22	ng	# 4
56) 2,4-Dinitrotoluene	10.16	165	9136	6.14	ng	# 53
57) Fluorene	10.55	166	186996	40.01	ng	# 75
58) 2,3,4,6-Tetrachlorophenol	10.29	232	5884	5.79	ng	# 32
59) Diethylphthalate	10.43	149	30235	5.87	ng	# 8
61) 4-Nitroaniline	10.45	138	33285	25.80	ng	85
62) Azobenzene	10.65	77	20598	4.35	ng	# 39
64) 4,6-Dinitro-2-methylphenol	10.56	198	1678	2.33	ng	# 1
65) n-Nitrosodiphenylamine	10.65	169	272050	66.23	ng	# 45
66) 4-Bromophenyl-phenylether	11.03	248	2825	2.43	ng	# 1

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099012.D
Acq On : 2 Oct 2017 21:01
Operator : SJ/JU
Sample : I5531-07 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 03 01:02:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) Atrazine	11.15	200	7113	5.76	ng	#	1
70) Phenanthrene	11.50	178	720972	113.59	ng	#	94
71) Anthracene	11.55	178	127416	19.62	ng	#	78
72) Carbazole	11.69	167	16685	2.62	ng	#	1
73) Di-n-butylphthalate	12.02	149	42682	5.58	ng	#	49
74) Fluoranthene	12.68	202	395599	61.55	ng		97
77) Pyrene	12.91	202	463391	27.23	ng		96
80) Benzo(a)anthracene	14.07	228	175362	12.97	ng	#	94
82) Chrysene	14.11	228	172094	13.37	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.08	276	82571	8.02	ng		99
87) Benzo(b)fluoranthene	15.14	252	297255	19.34	ng	#	84
88) Benzo(k)fluoranthene	15.14	252	297255	19.58	ng	#	87
89) Benzo(a)pyrene	15.51	252	165342	11.72	ng	#	88
91) Benzo(g,h,i)perylene	17.54	276	83247	7.46	ng		95

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

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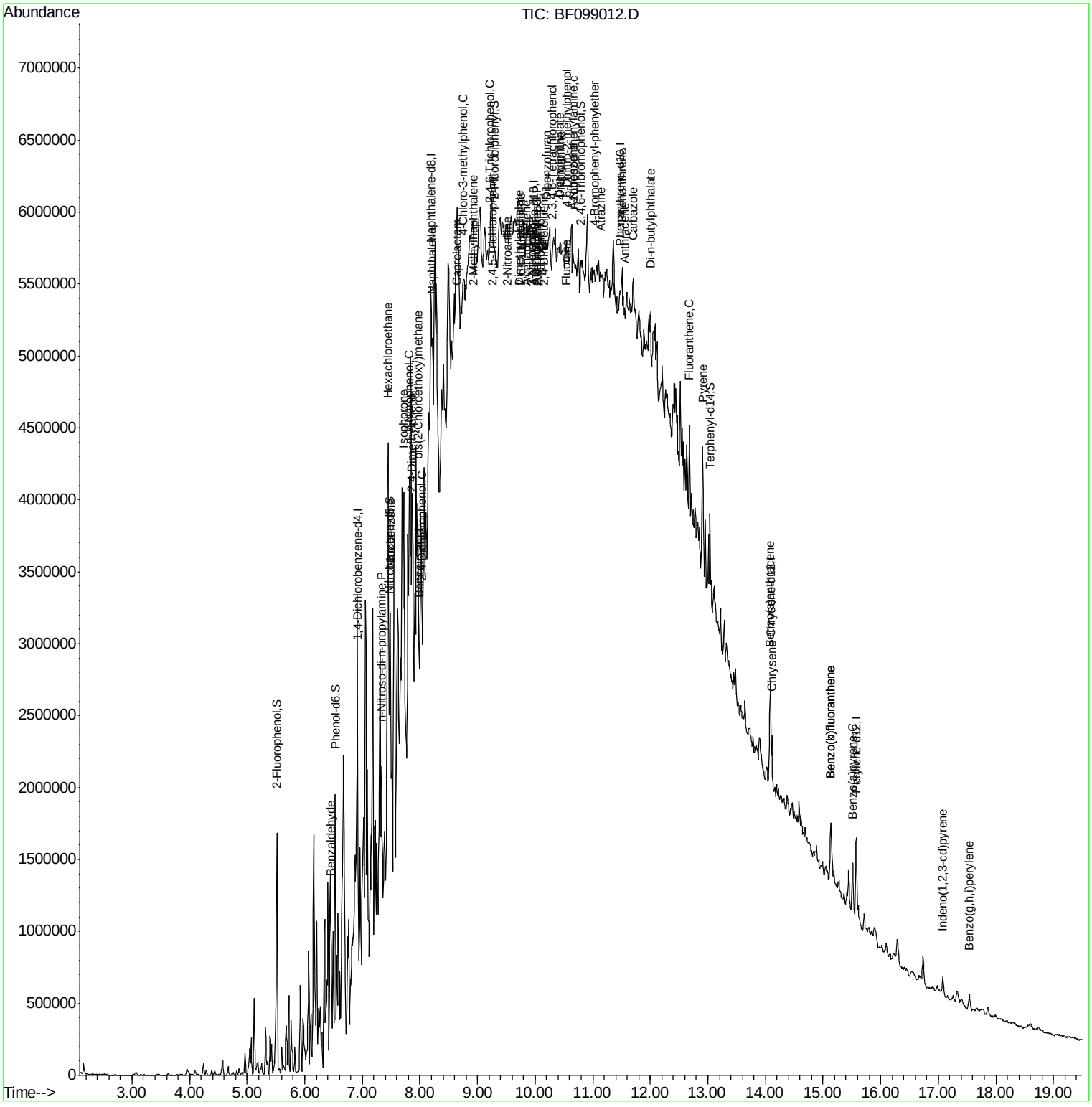
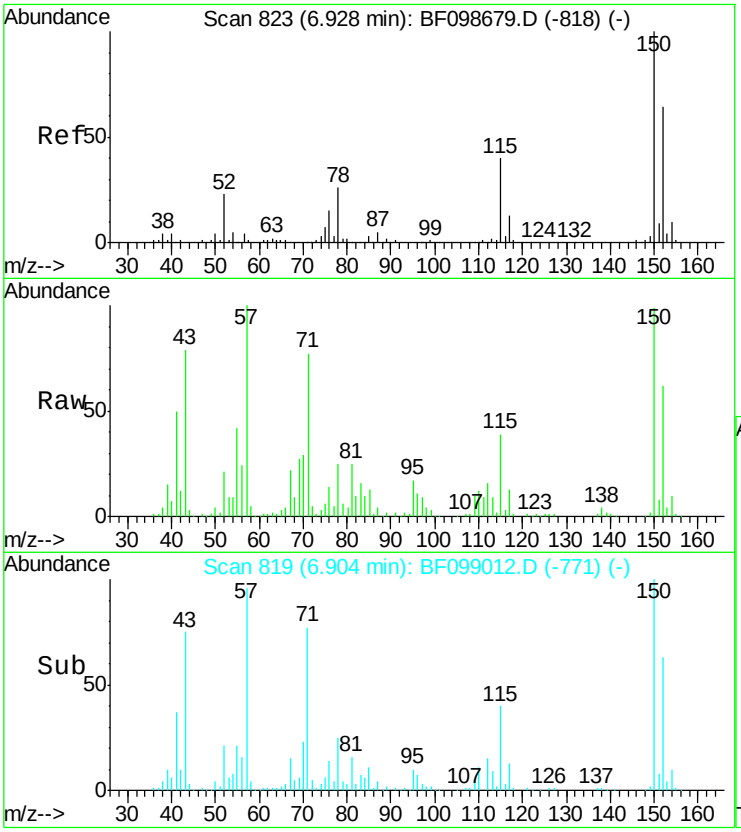


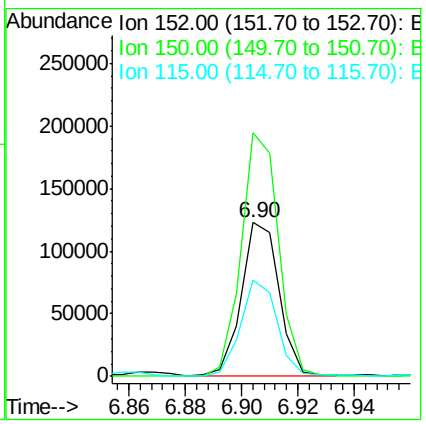


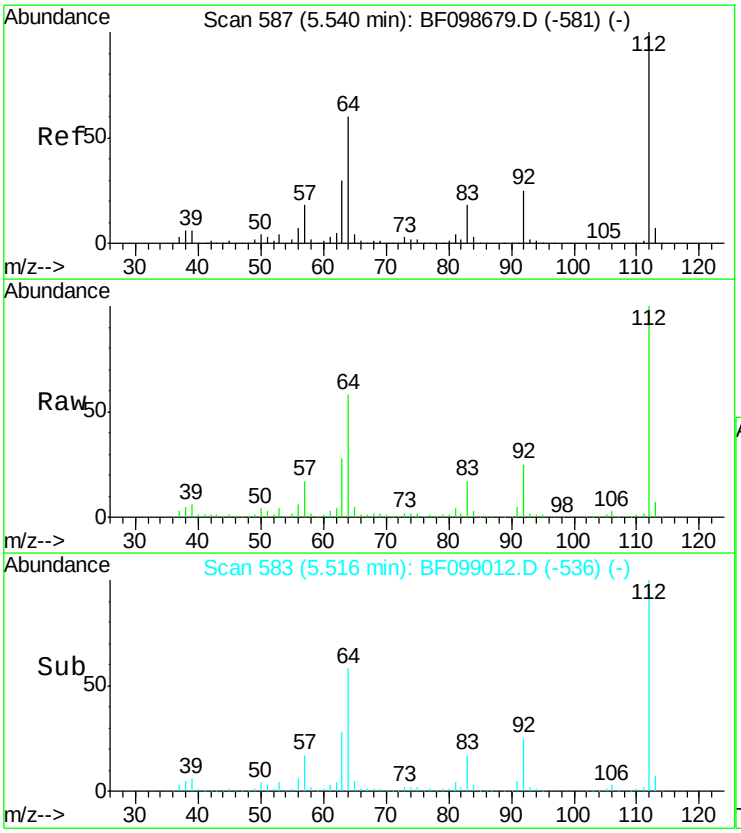
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 111717

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	62.8	50.1	75.1

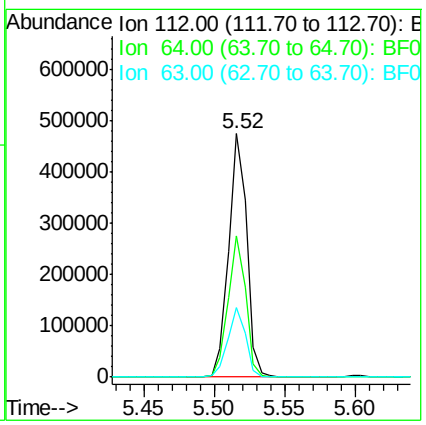


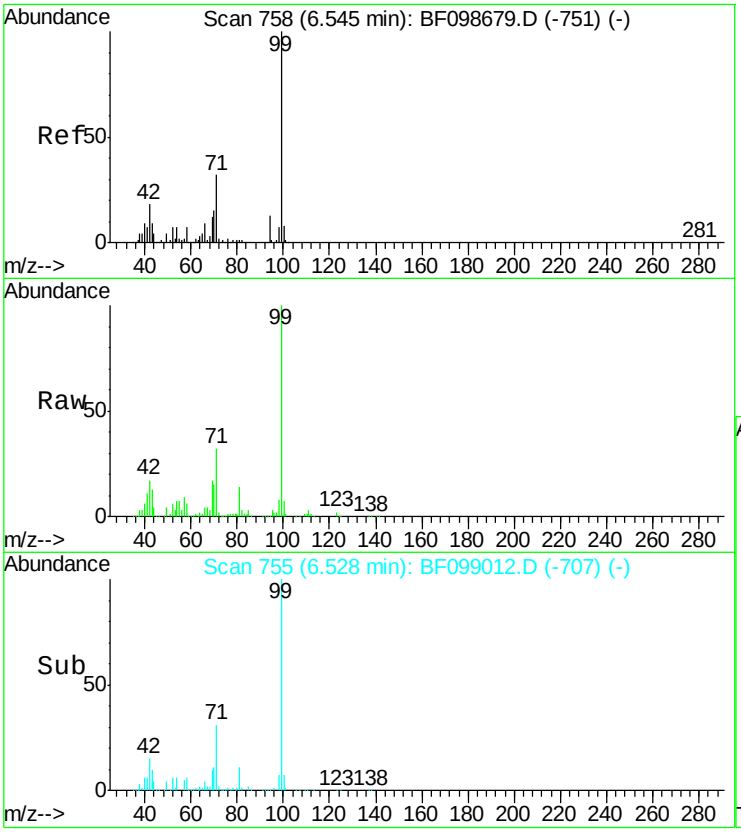


#5
2-Fluorophenol
Concen: 60.56 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:112 Resp: 425005

Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.9	71.9
63	28.5	23.7	35.5



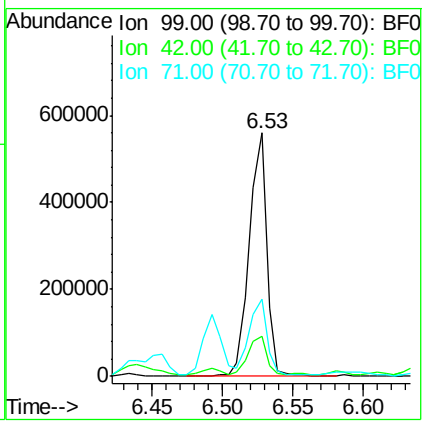


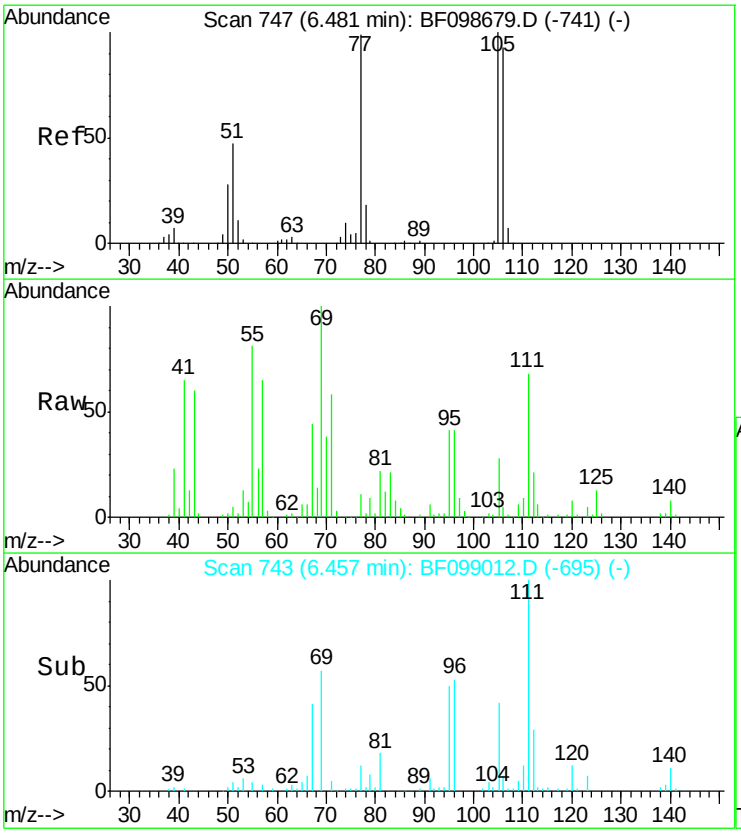
#7
Phenol-d6
Concen: 57.33 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 496351

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	31.9	25.4	38.0

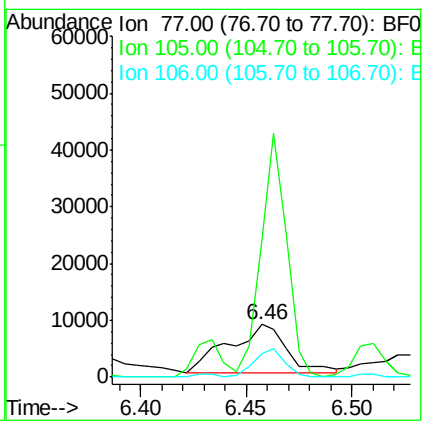


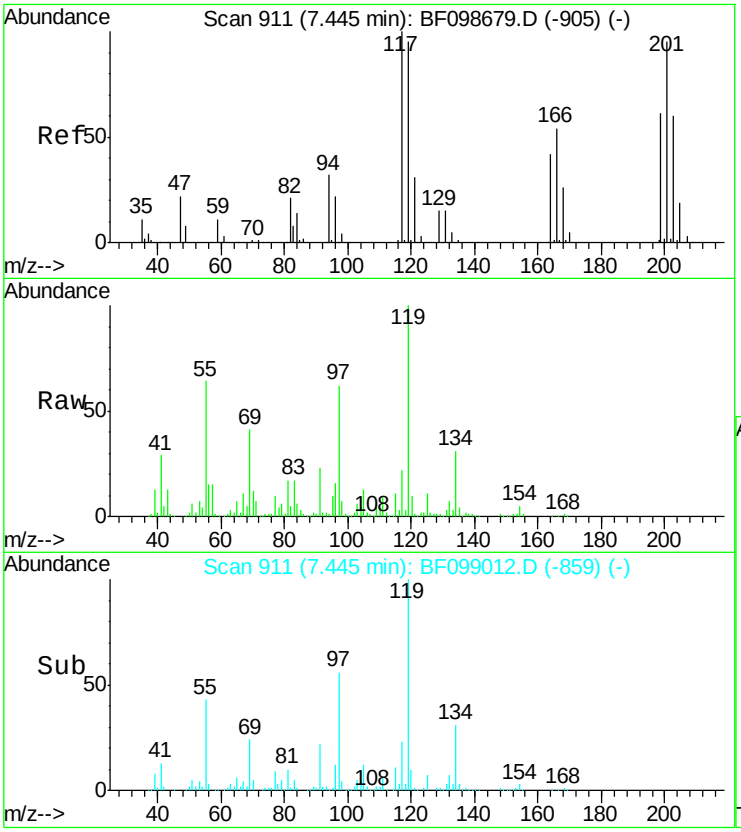


#9
Benzaldehyde
Concen: 3.20 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion: 77 Resp: 16048

Ion	Ratio	Lower	Upper
77	100		
105	261.1	81.1	121.1#
106	43.7	74.5	114.5#



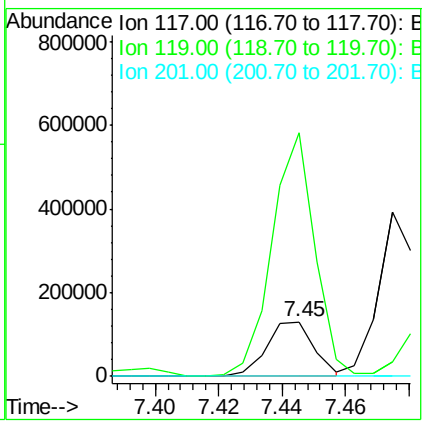


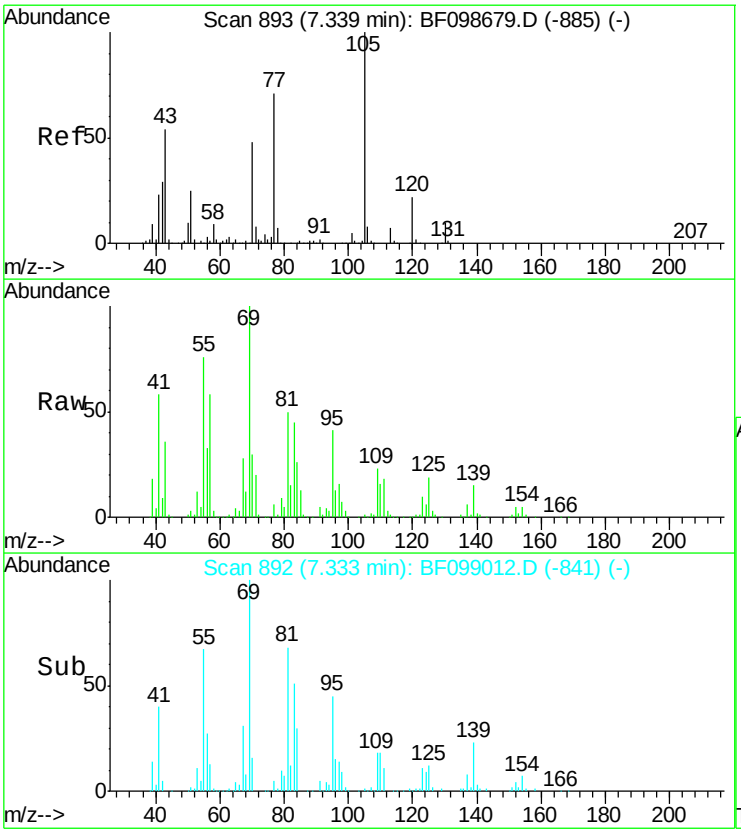
#18
Hexachloroethane
Concen: 44.70 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 136061

Ion	Ratio	Lower	Upper
117	100		
119	444.7	75.8	113.8#
201	0.0	75.7	113.5#

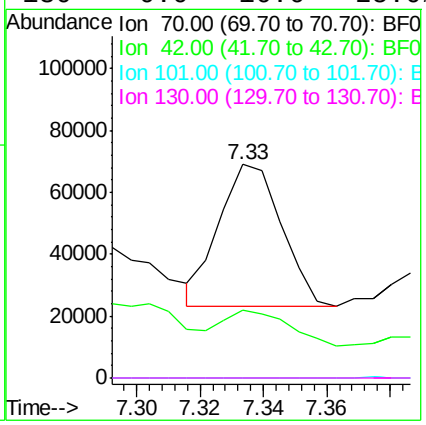


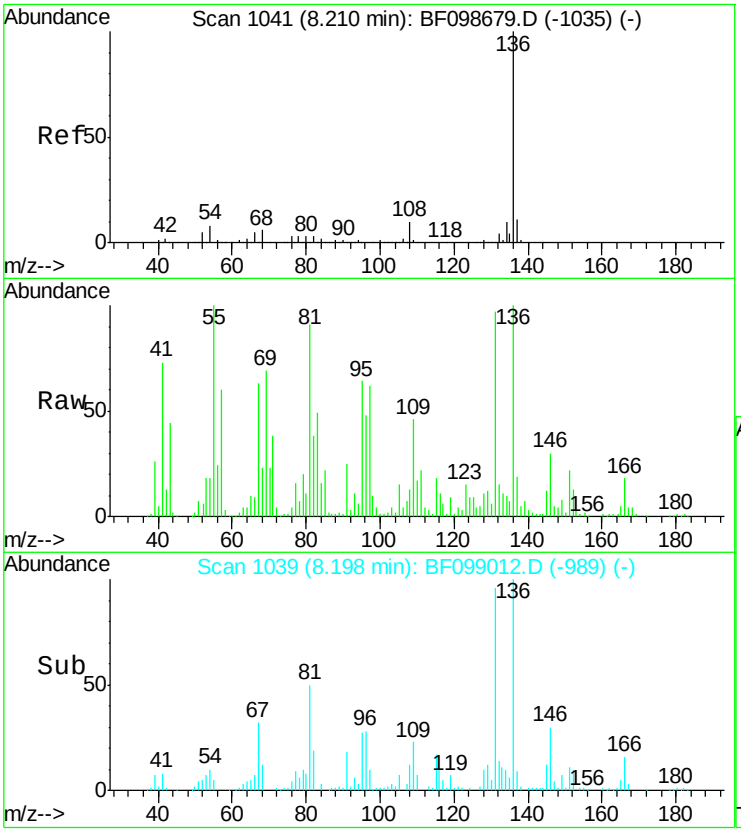


#19
n-Nitroso-di-n-propylamine
Concen: 11.35 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion: 70 Resp: 62752

Ion	Ratio	Lower	Upper
70	100		
42	31.5	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



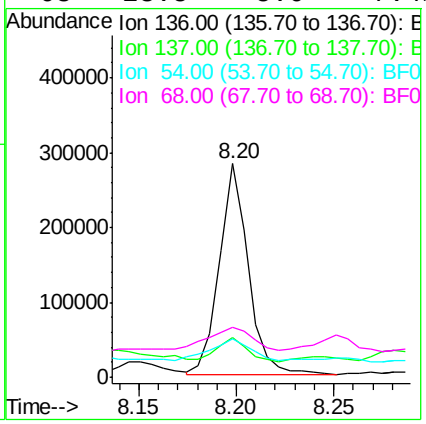


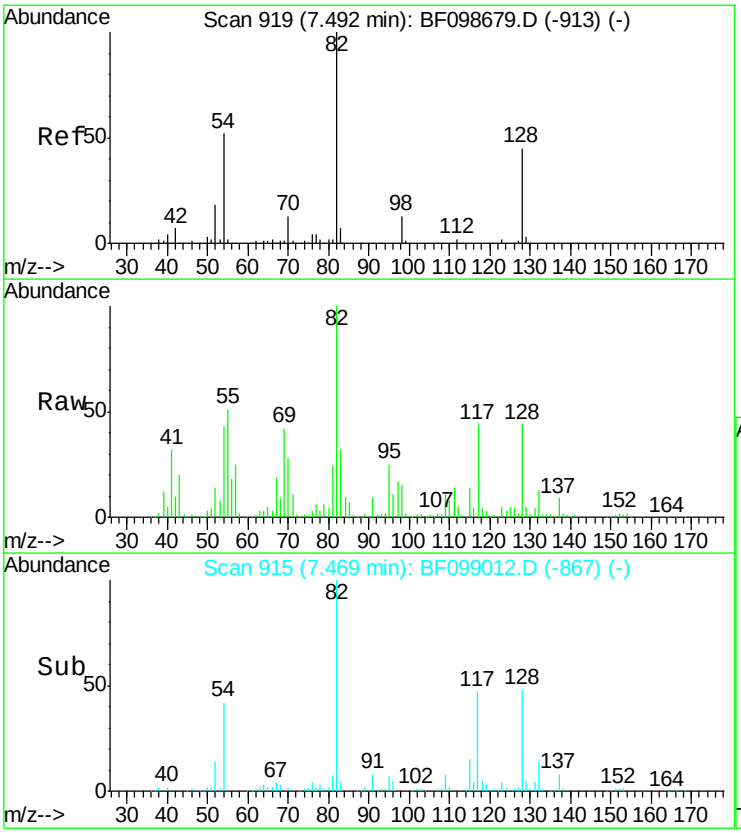
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 287851

Ion	Ratio	Lower	Upper
136	100		
137	18.7	8.9	13.3#
54	17.7	6.6	9.8#
68	23.5	5.0	7.4#

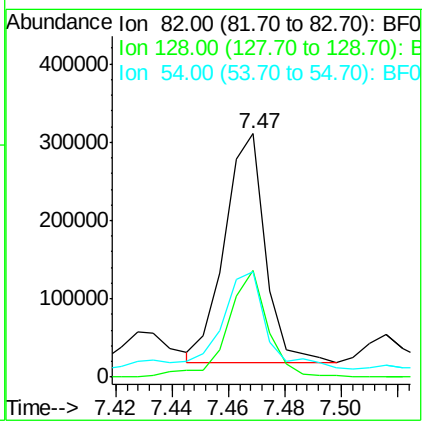


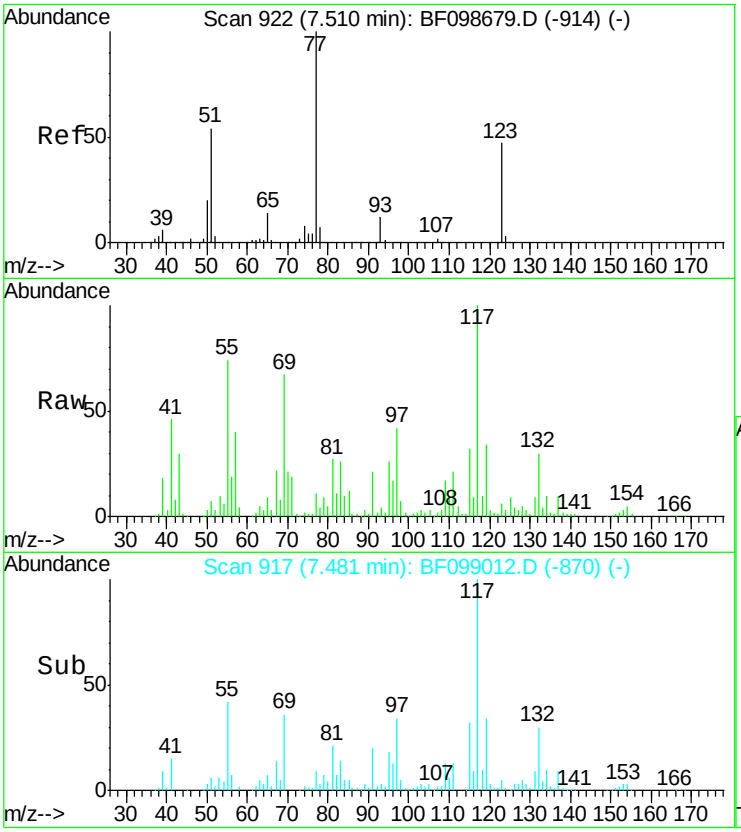


#23
Nitrobenzene-d5
Concen: 64.56 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion: 82 Resp: 289796

Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	43.1	41.4	62.2



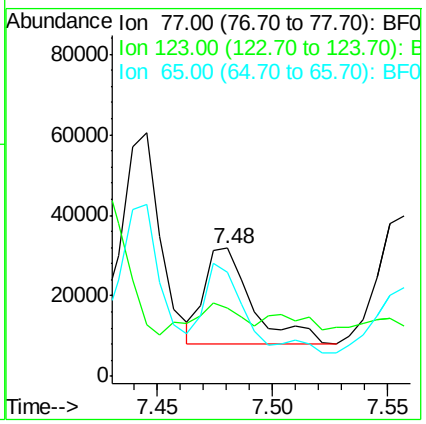


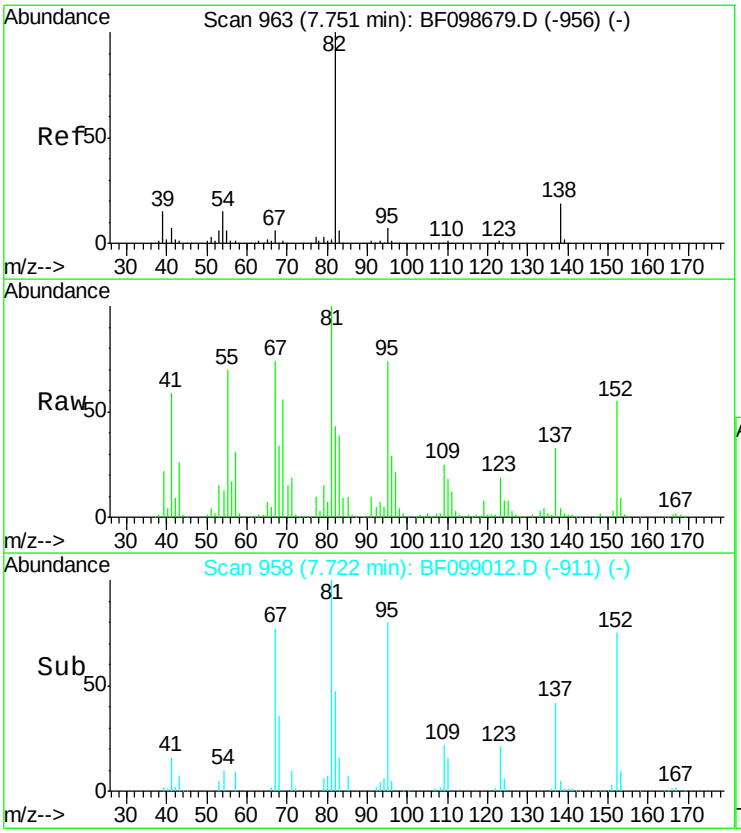
#24
Nitrobenzene
Concen: 6.54 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 33320

Ion	Ratio	Lower	Upper
77	100		
123	53.4	37.9	56.9
65	80.7	11.0	16.4#

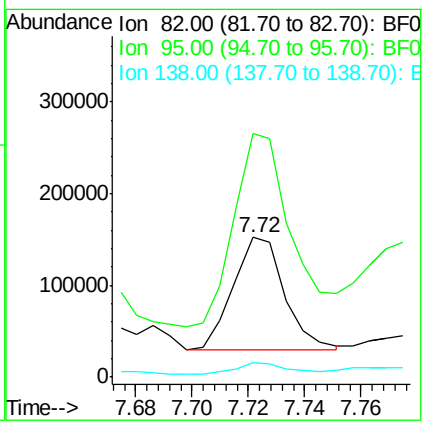


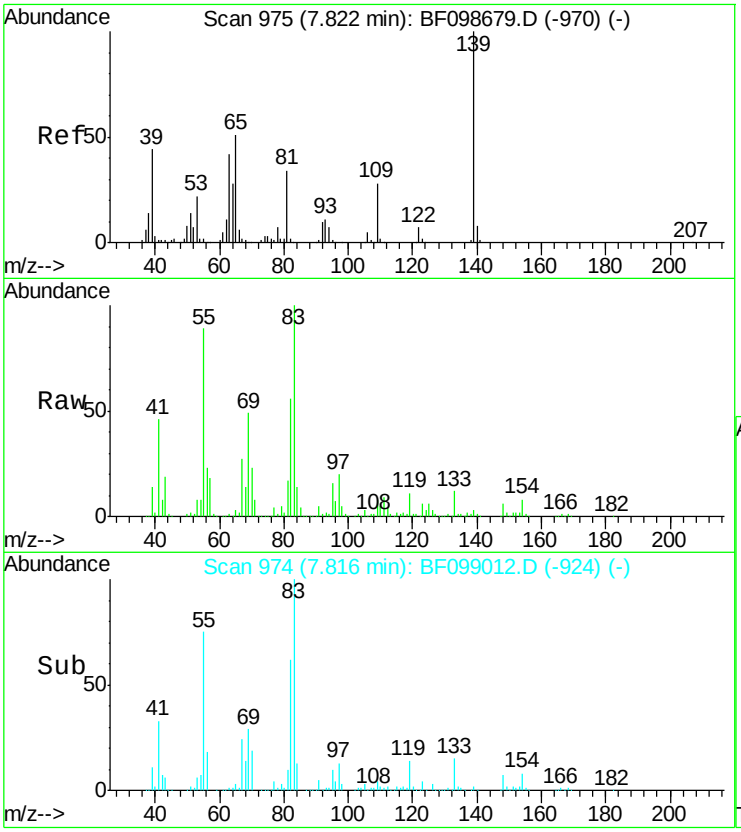


#25
Isophorone
Concen: 16.49 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion: 82 Resp: 153030

Ion	Ratio	Lower	Upper
82	100		
95	174.1	5.2	7.8#
138	10.3	14.9	22.3#



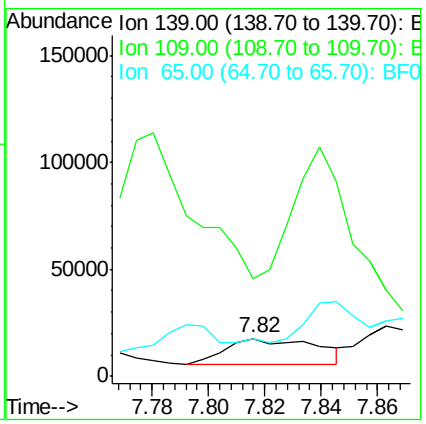


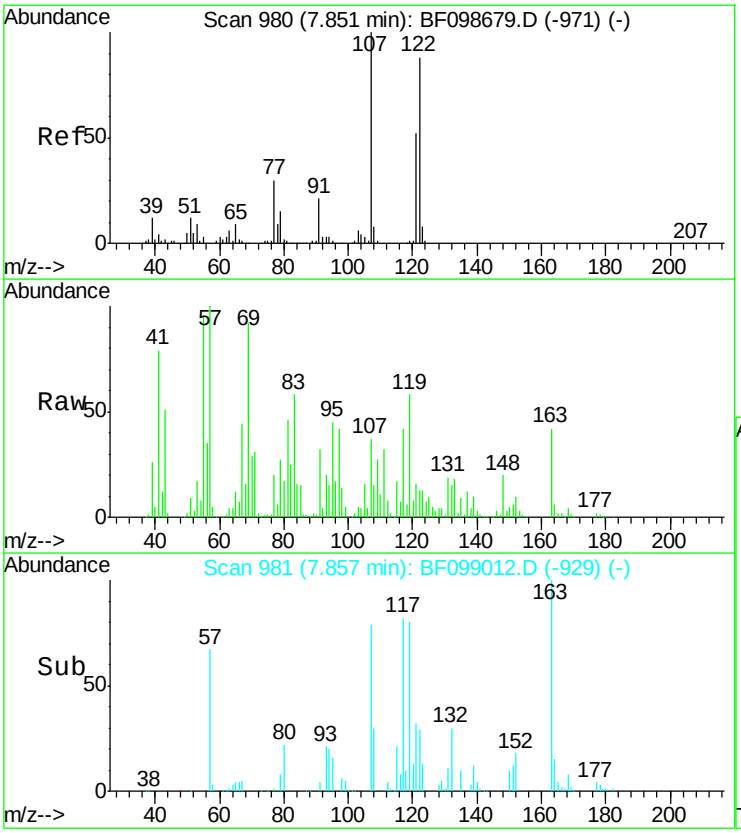
#26
2-Nitrophenol
Concen: 11.10 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 27168

Ion	Ratio	Lower	Upper
139	100		
109	257.3	22.7	34.1#
65	98.8	40.5	60.7#

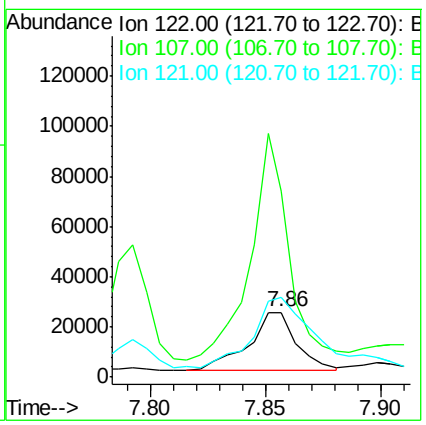


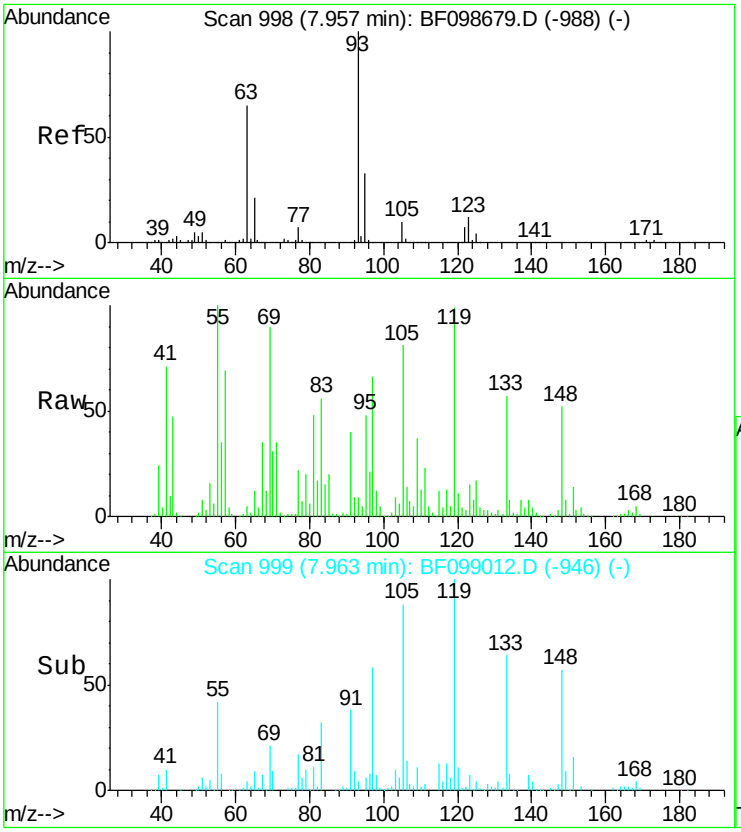


#27
2,4-Dimethylphenol
Concen: 7.43 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:122 Resp: 34350

Ion	Ratio	Lower	Upper
122	100		
107	286.8	91.2	136.8#
121	123.5	47.2	70.8#



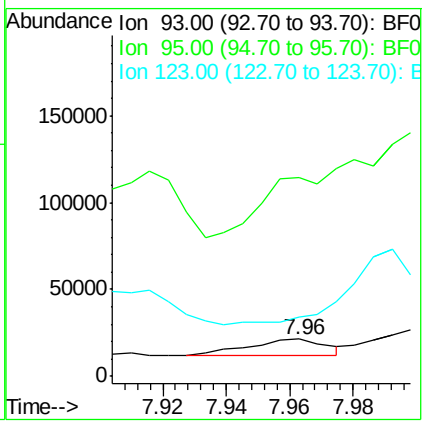


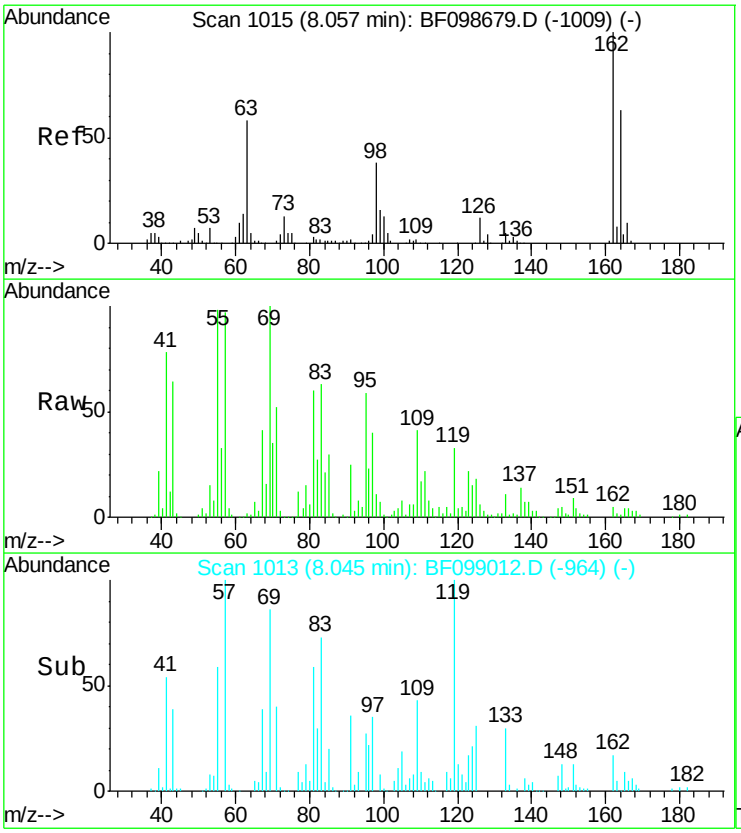
#28
bis(2-Chloroethoxy)methane
Concen: 2.84 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 16452

Ion	Ratio	Lower	Upper
93	100		
95	534.6	26.3	39.5#
123	160.5	9.8	14.6#

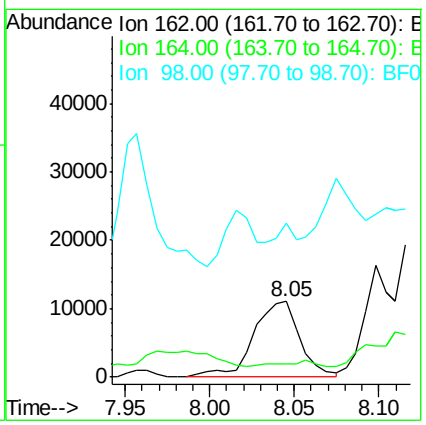


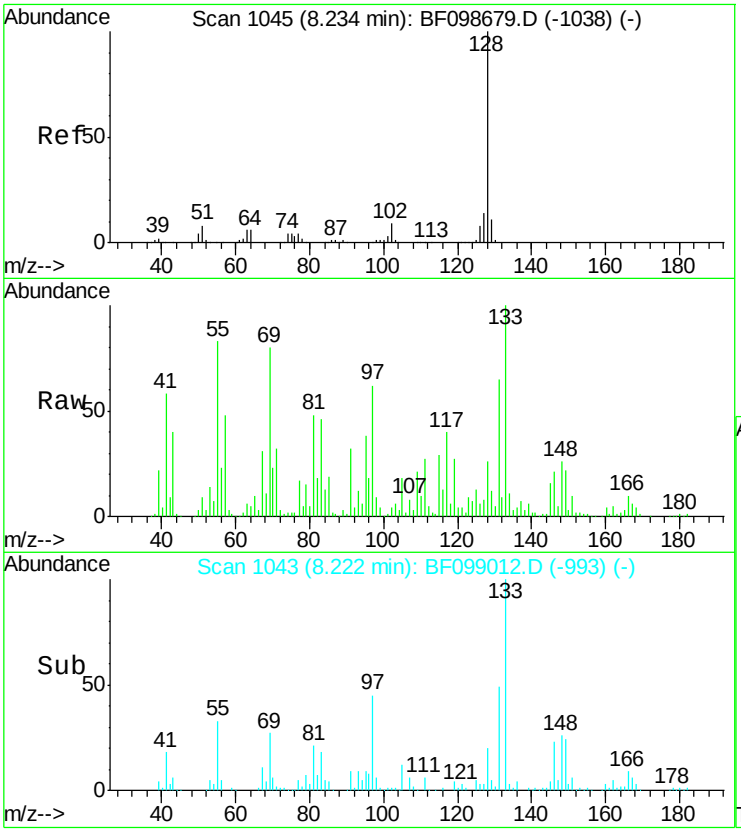


#29
2,4-Dichlorophenol
Concen: 5.36 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:162 Resp: 21280

Ion	Ratio	Lower	Upper
162	100		
164	16.9	42.7	82.7#
98	203.8	18.1	58.1#



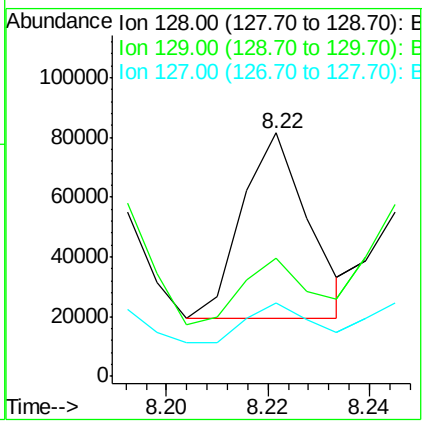


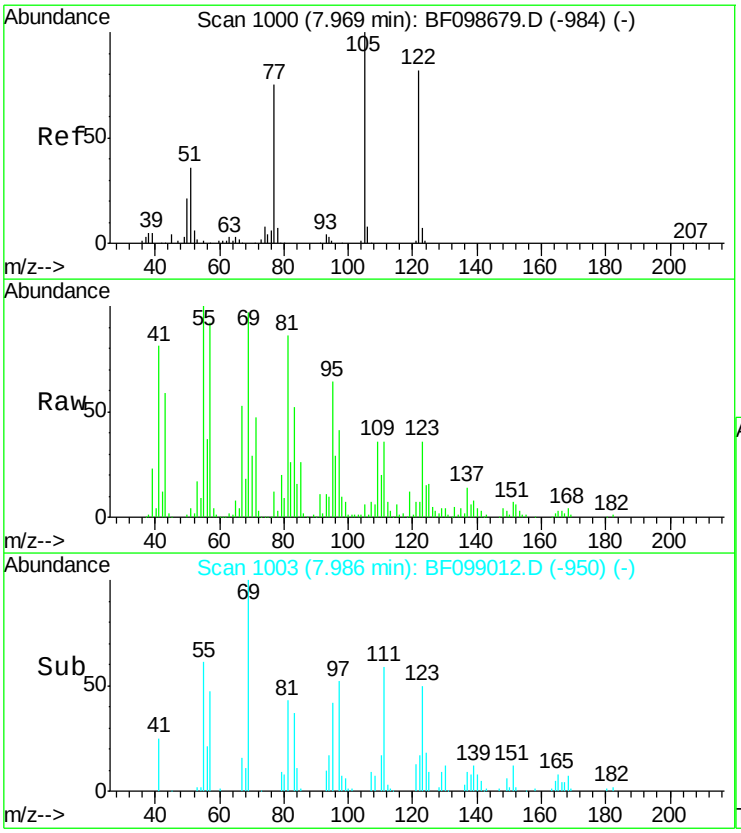
#31
Naphthalene
Concen: 4.16 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 56208

Ion	Ratio	Lower	Upper
128	100		
129	48.4	8.8	13.2#
127	30.1	10.9	16.3#

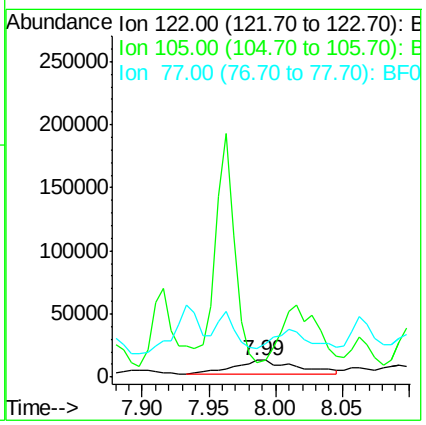


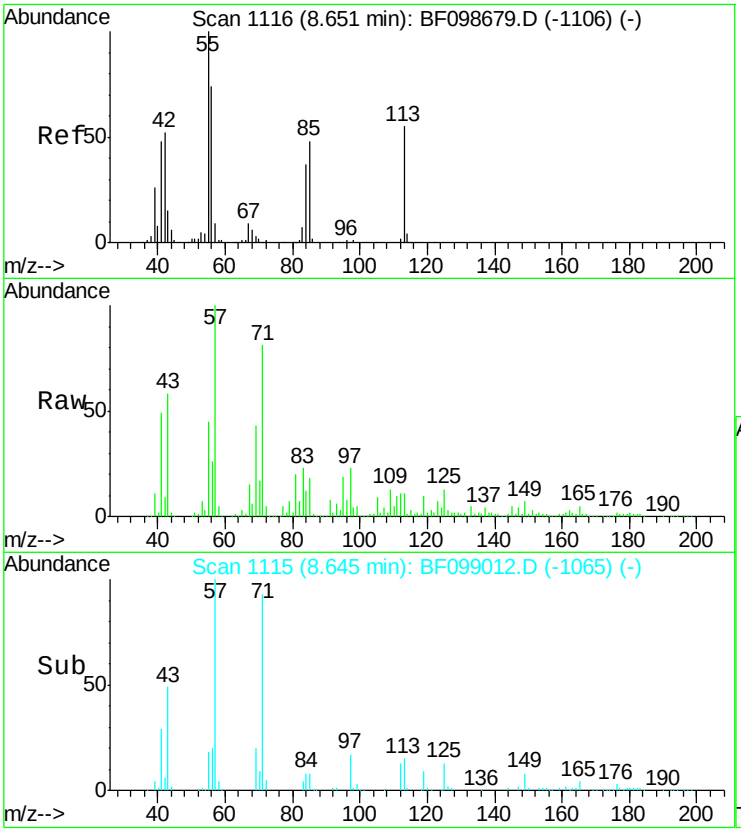


#32
Benzoic acid
Concen: 9.20 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:122 Resp: 34960

Ion	Ratio	Lower	Upper
122	100		
105	86.4	101.1	141.1#
77	170.8	70.7	110.7#



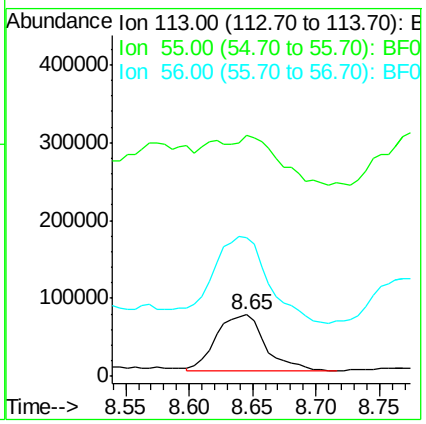


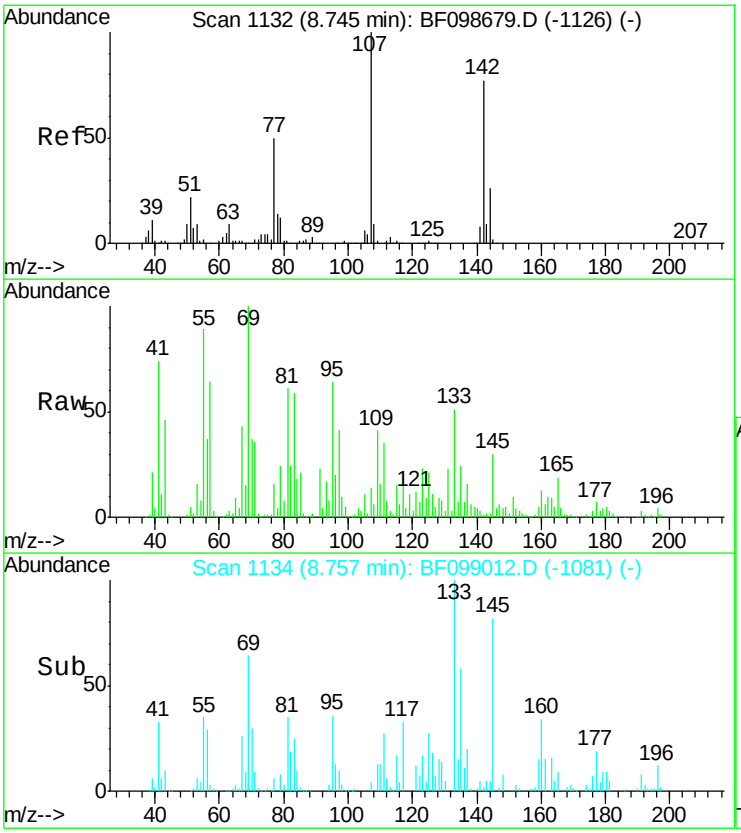
#35
Caprolactam
Concen: 151.97 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 193529

Ion	Ratio	Lower	Upper
113	100		
55	393.3	163.3	203.3#
56	226.3	115.7	155.7#

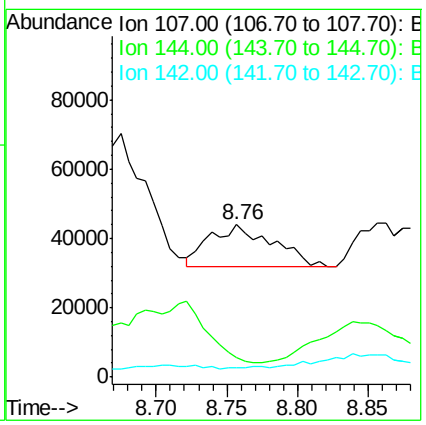


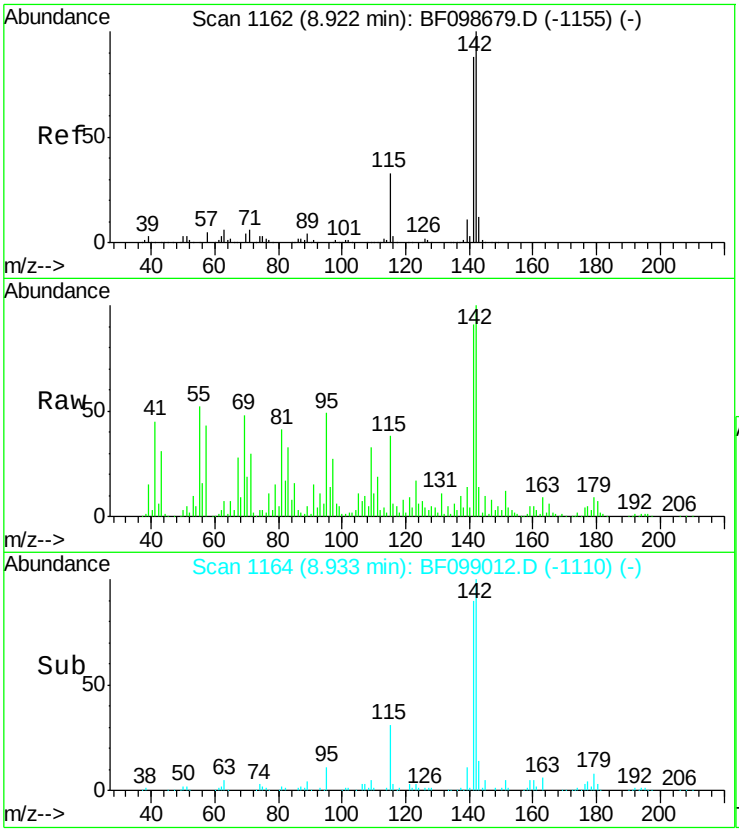


#36
4-Chloro-3-methylphenol
Concen: 8.64 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:107 Resp: 38567

Ion	Ratio	Lower	Upper
107	100		
144	13.0	20.5	30.7#
142	5.7	62.0	93.0#



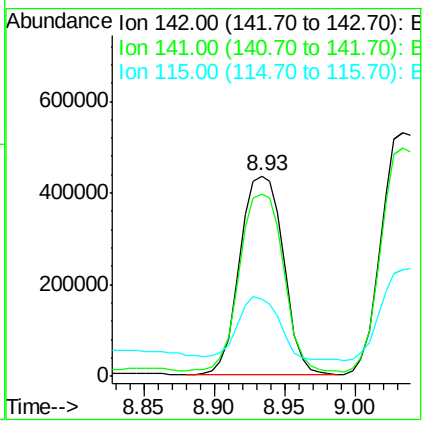


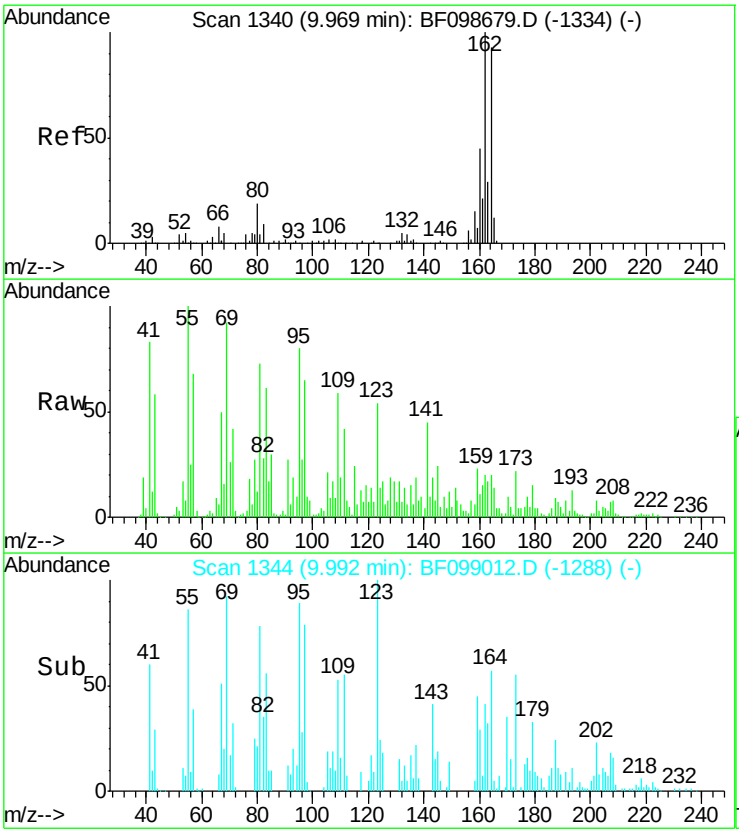
#37
2-Methylnaphthalene
Concen: 106.18 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.02 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 933184

Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.8	106.2
115	38.4	26.1	39.1

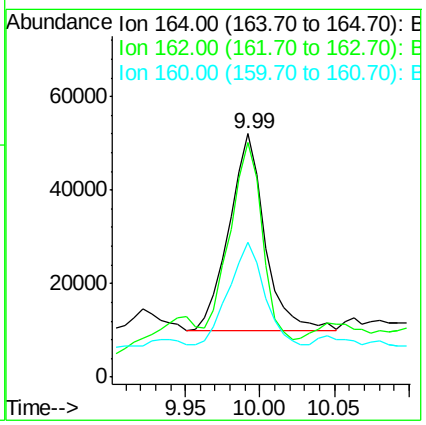


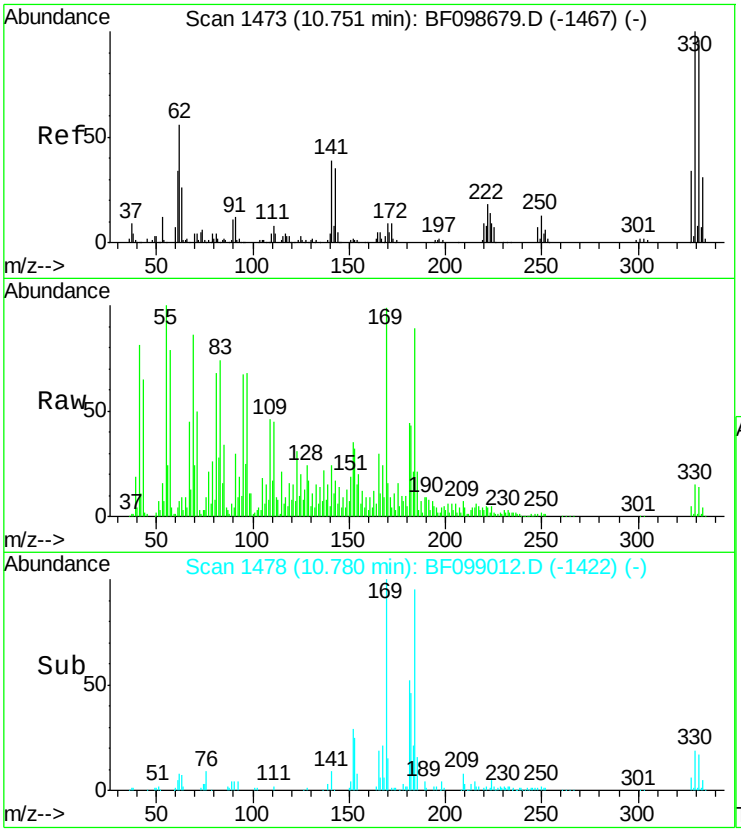


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.03 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:164 Resp: 69800

Ion	Ratio	Lower	Upper
164	100		
162	96.3	86.1	129.1
160	55.2	38.3	57.5



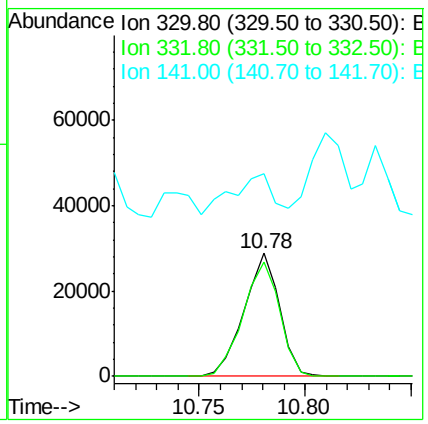


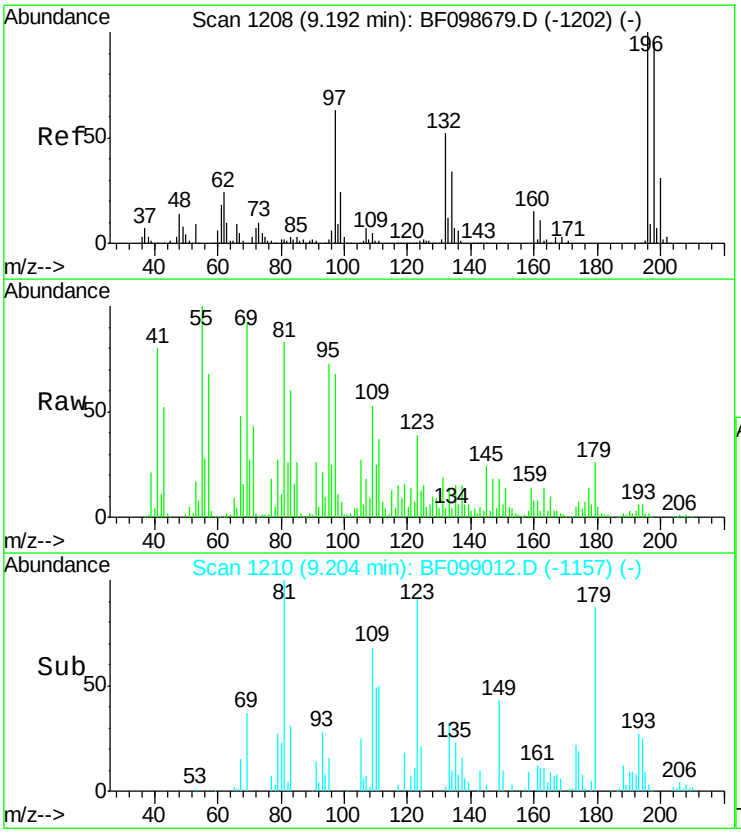
#41
2,4,6-Tribromophenol
Concen: 58.78 ng
RT: 10.78 min Scan# 1478
Delta R.T. 0.03 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 33573

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	38.7	29.9	44.9

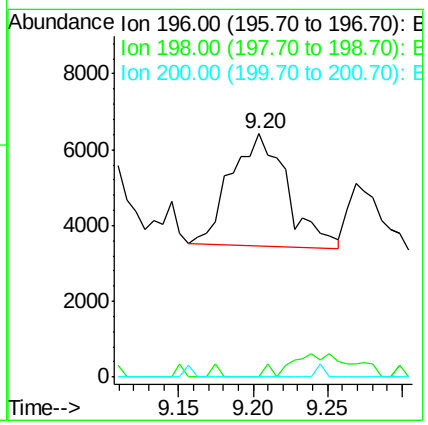


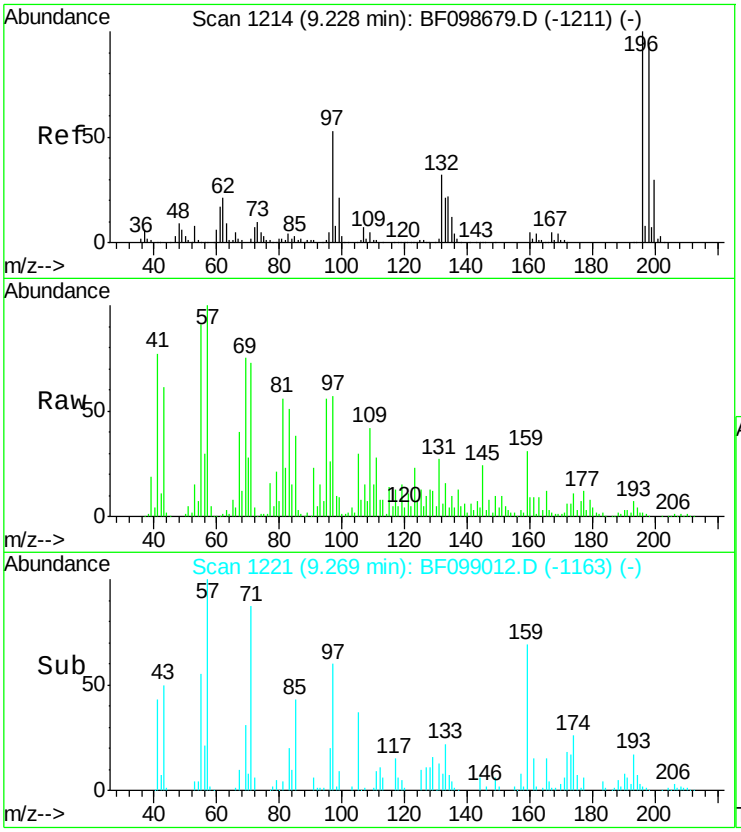


#42
2,4,6-Trichlorophenol
Concen: 5.34 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:196 Resp: 7882

Ion	Ratio	Lower	Upper
196	100		
198	0.0	75.7	113.5#
200	0.0	24.5	36.7#



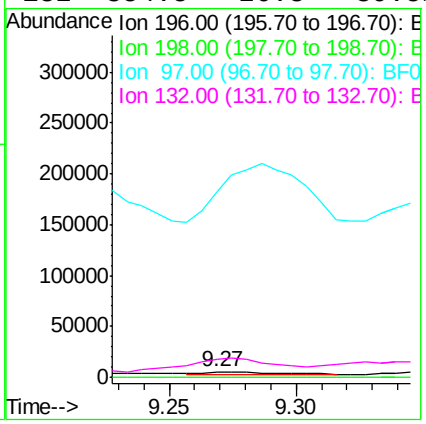


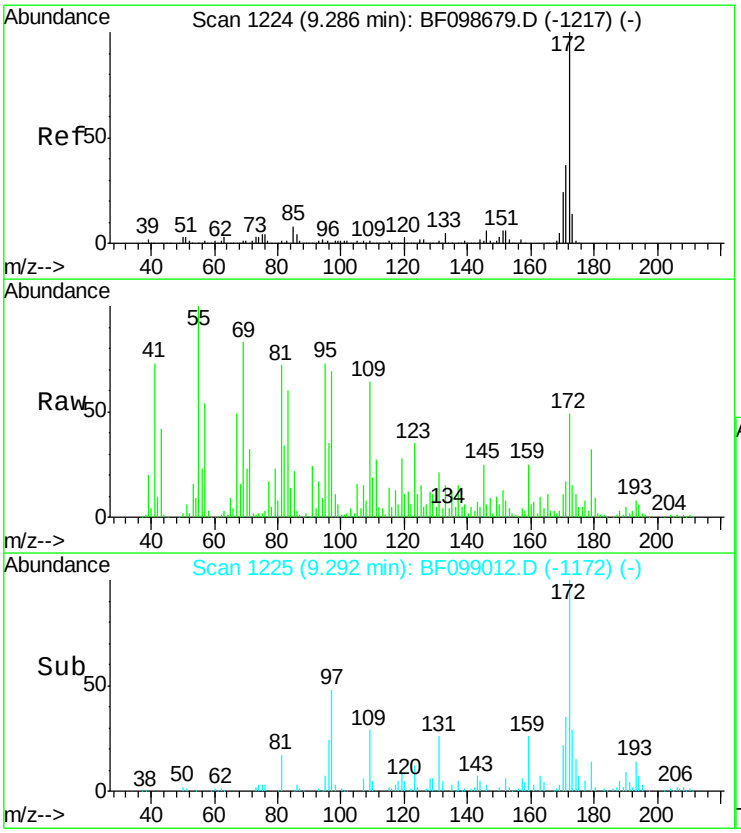
#43
2,4,5-Trichlorophenol
Concen: 2.27 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.04 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 3346

Ion	Ratio	Lower	Upper
196	100		
198	6.8	74.6	112.0#
97	3559.2	42.9	64.3#
132	354.5	26.3	39.5#

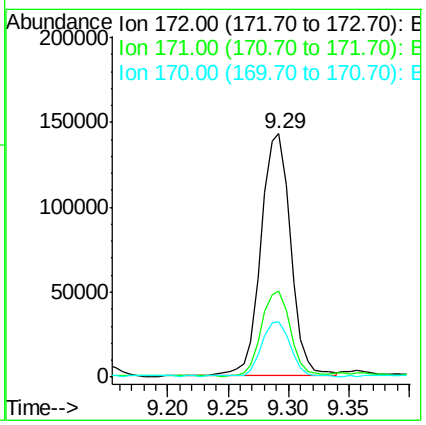


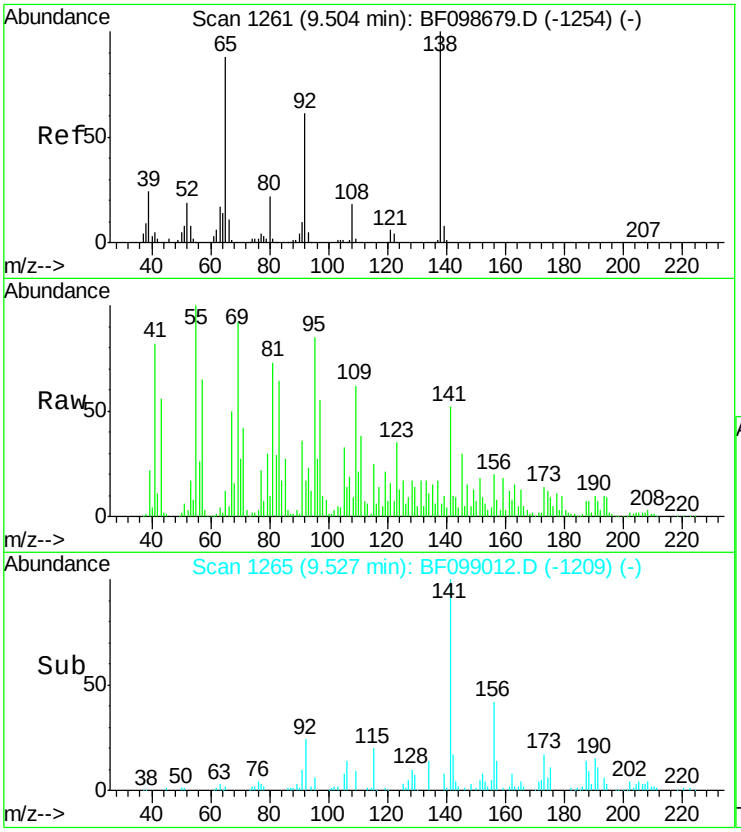


#44
2-Fluorobiphenyl
Concen: 58.14 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:172 Resp: 243110

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	22.8	19.6	29.4



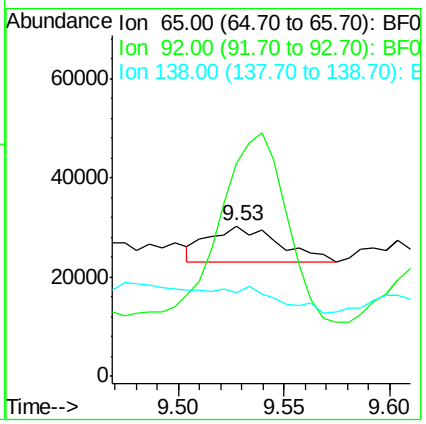


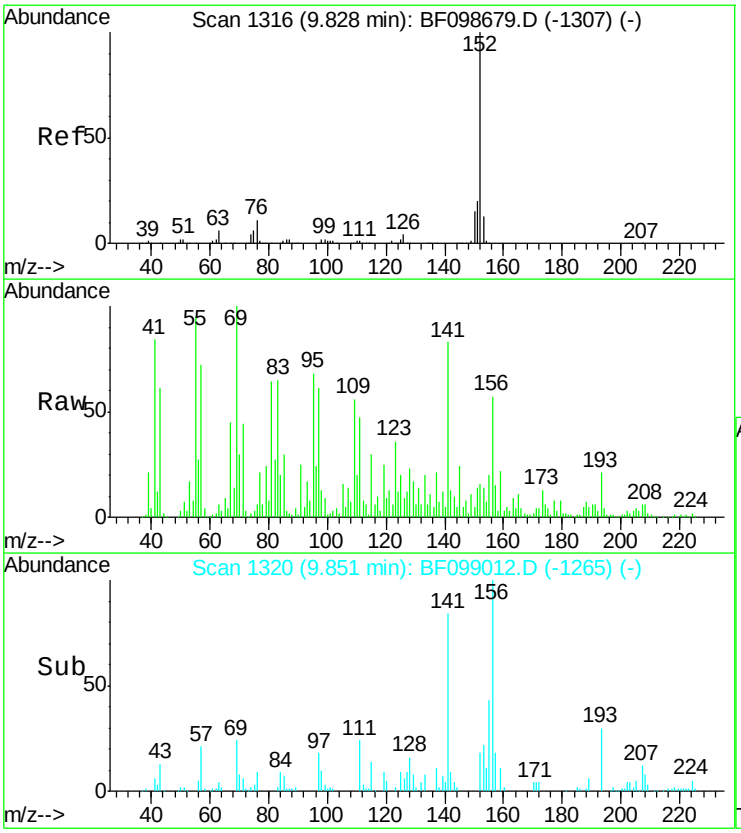
#47
2-Nitroaniline
Concen: 11.93 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.03 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 16452

Ion	Ratio	Lower	Upper
65	100		
92	142.0	55.8	83.6#
138	55.3	91.2	136.8#

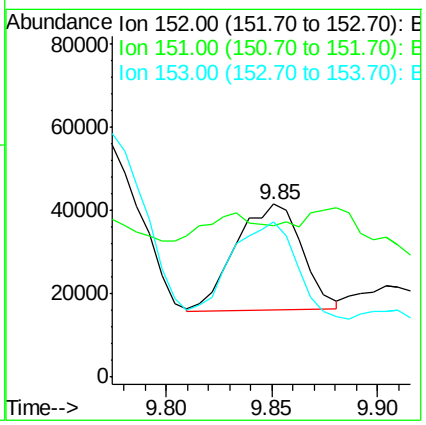


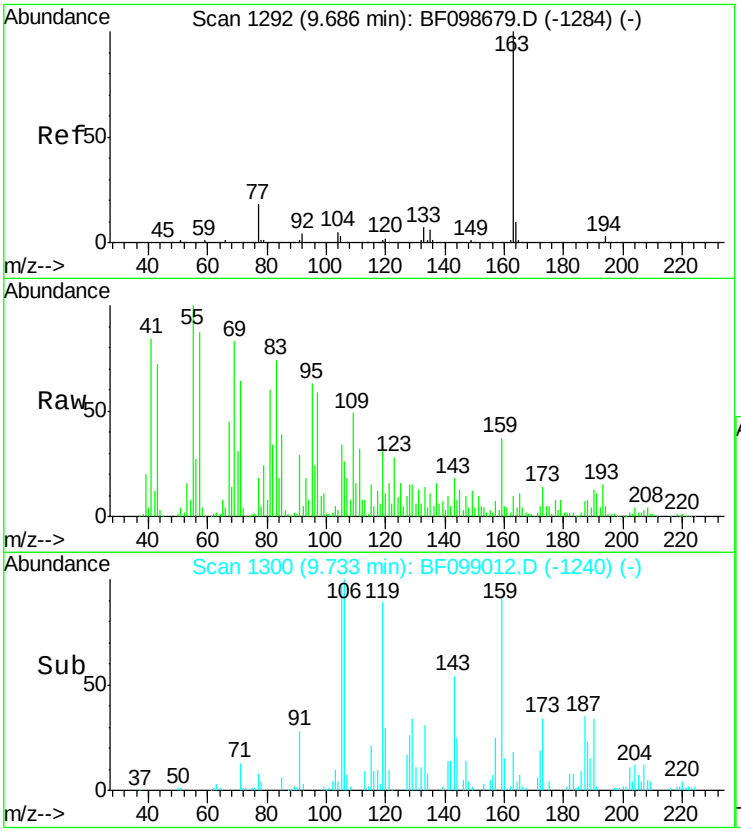


#48
Acenaphthylene
Concen: 8.10 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:152 Resp: 55821

Ion	Ratio	Lower	Upper
152	100		
151	87.6	16.3	24.5#
153	90.1	10.7	16.1#



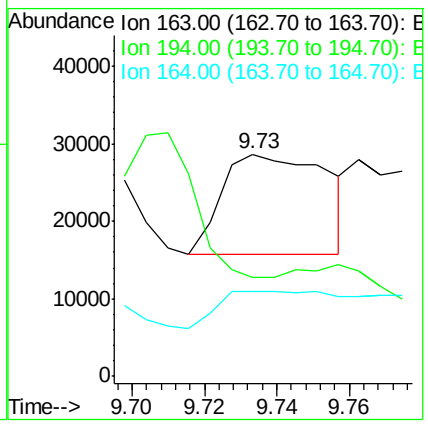


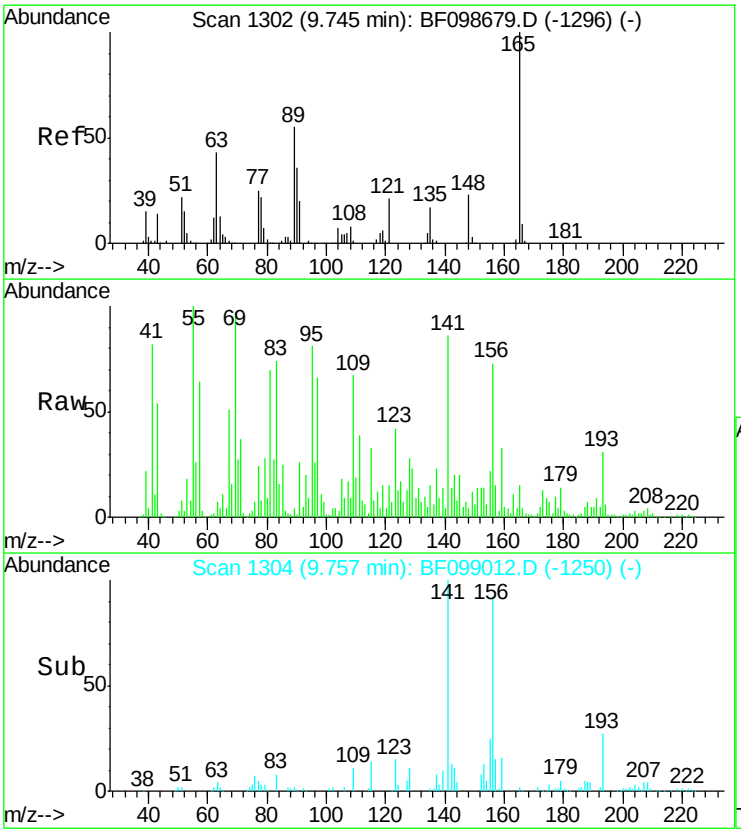
#49
Dimethylphthalate
Concen: 4.94 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.05 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 26029

Ion	Ratio	Lower	Upper
163	100		
194	44.5	2.7	4.1#
164	38.2	8.2	12.2#

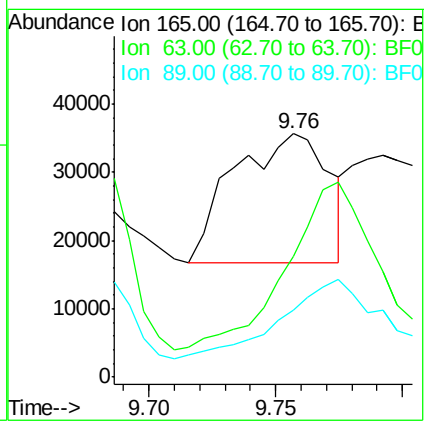


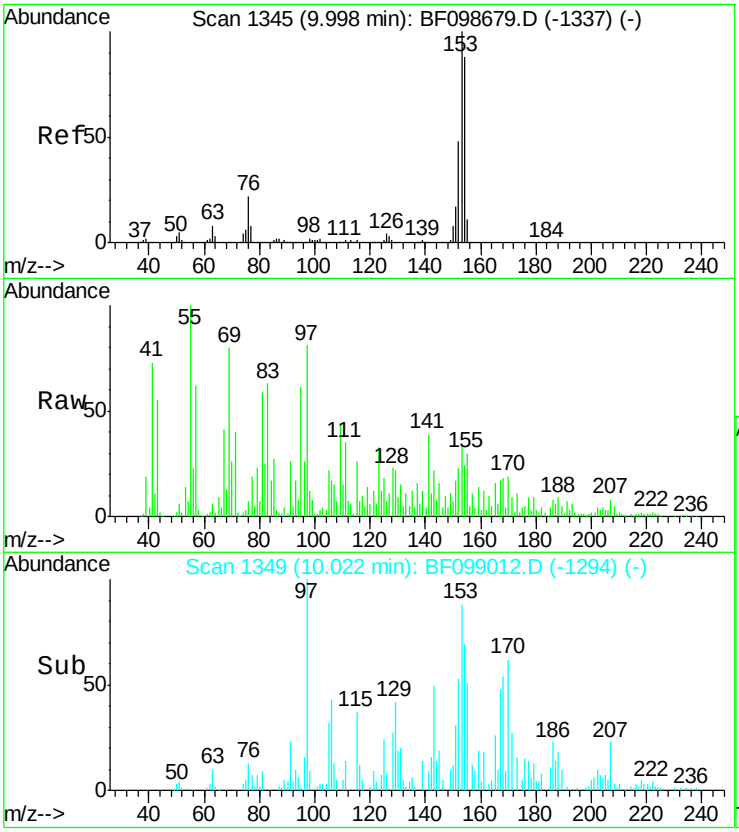


#50
2,6-Dinitrotoluene
Concen: 43.32 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.02 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:165 Resp: 49680

Ion	Ratio	Lower	Upper
165	100		
63	49.7	44.7	67.1
89	27.3	44.0	66.0#



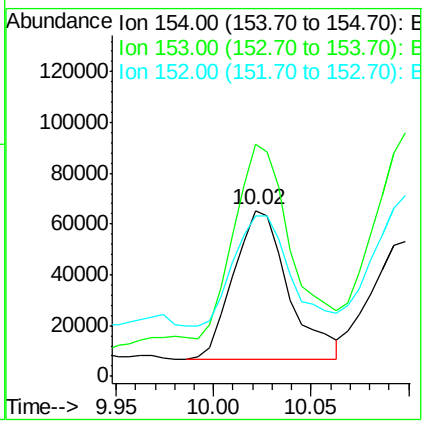


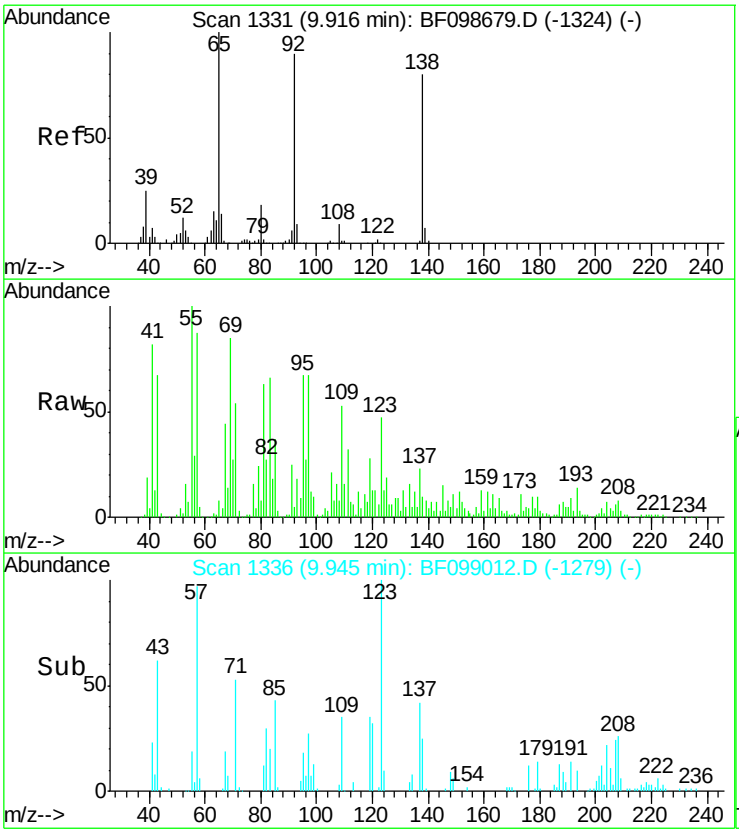
#51
Acenaphthene
Concen: 26.39 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 115272

Ion	Ratio	Lower	Upper
154	100		
153	139.5	91.2	136.8#
152	96.7	43.8	65.8#

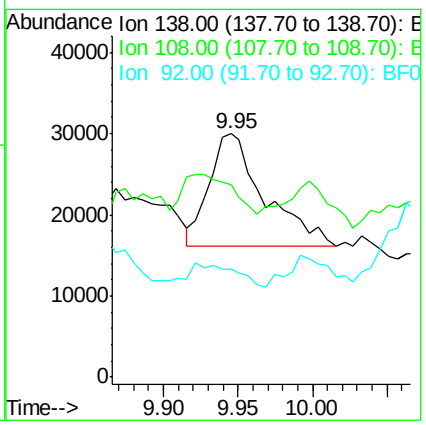


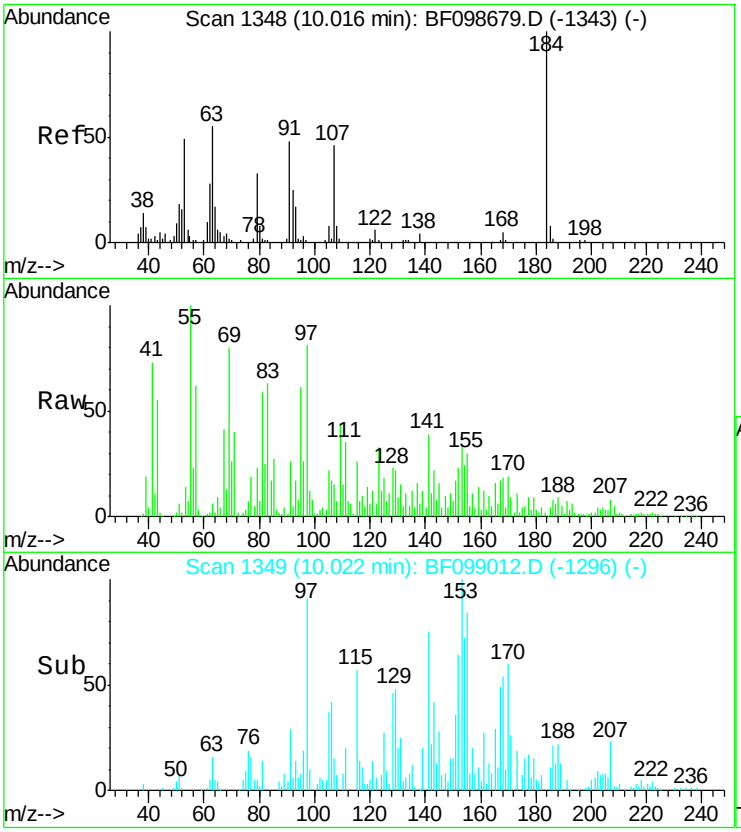


#52
3-Nitroaniline
Concen: 26.39 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.04 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:138 Resp: 35294

Ion	Ratio	Lower	Upper
138	100		
108	79.2	9.4	14.0#
92	44.3	89.4	134.2#



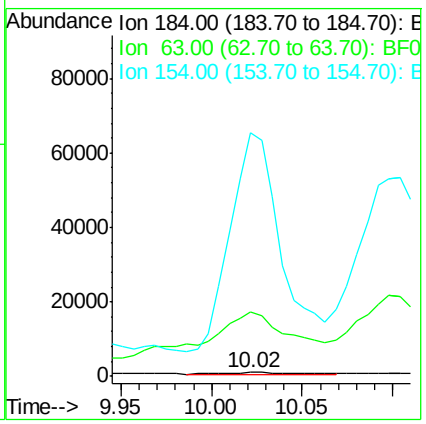


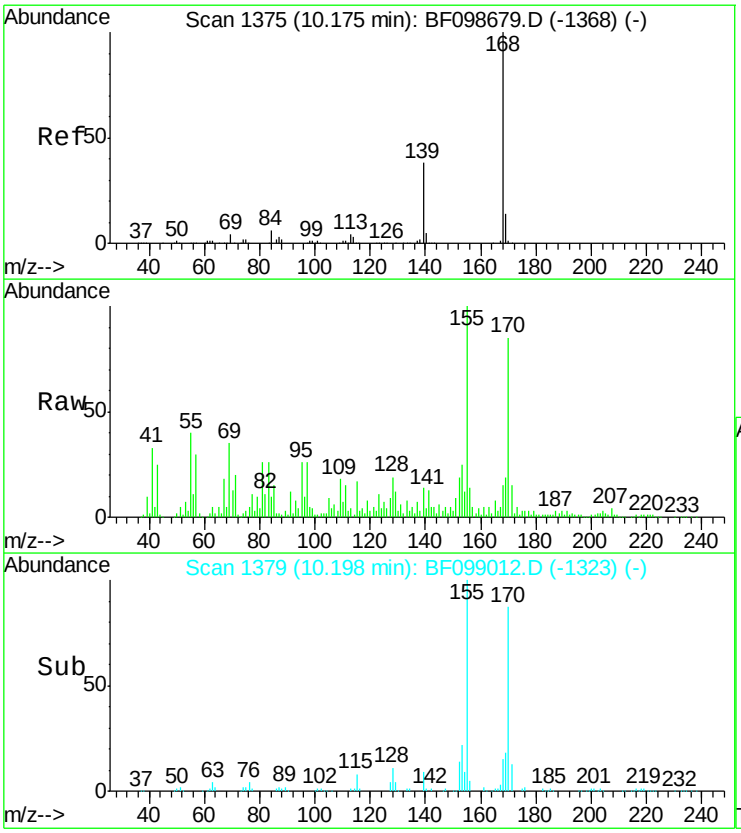
#53
2,4-Dinitrophenol
Concen: 9.13 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 2126

Ion	Ratio	Lower	Upper
184	100		
63	1544.0	54.2	81.2#
154	5797.9	53.5	80.3#

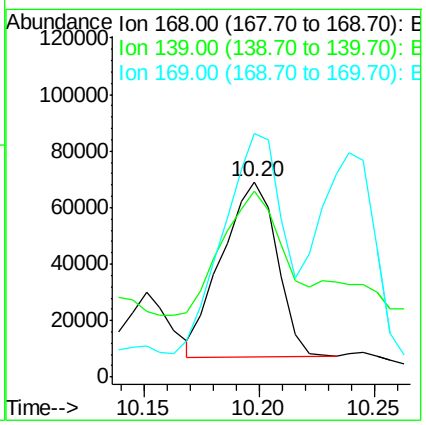


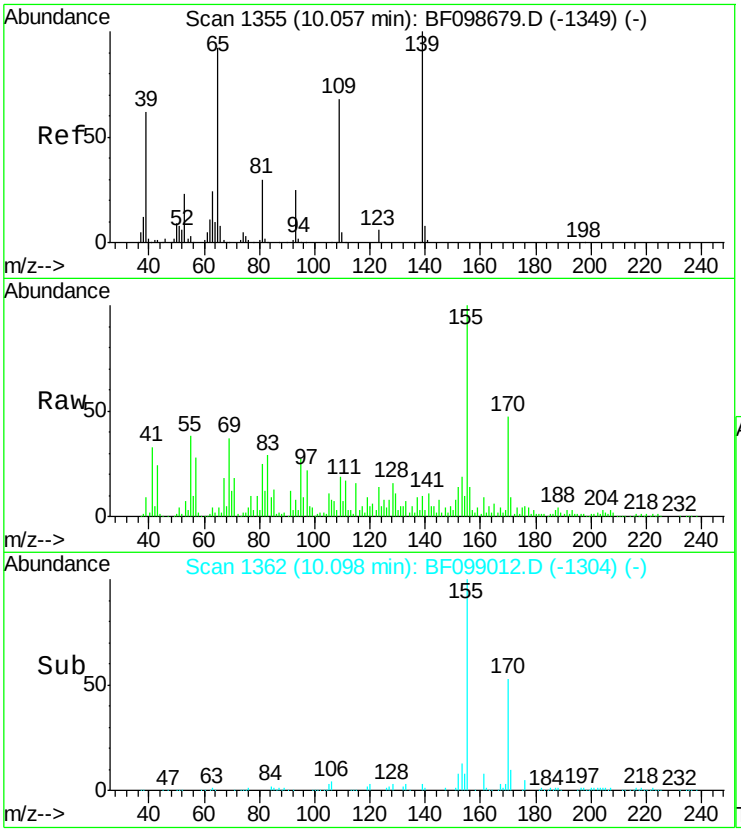


#54
Dibenzofuran
Concen: 17.76 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.03 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:168 Resp: 103255

Ion	Ratio	Lower	Upper
168	100		
139	95.2	30.1	45.1#
169	124.7	10.9	16.3#



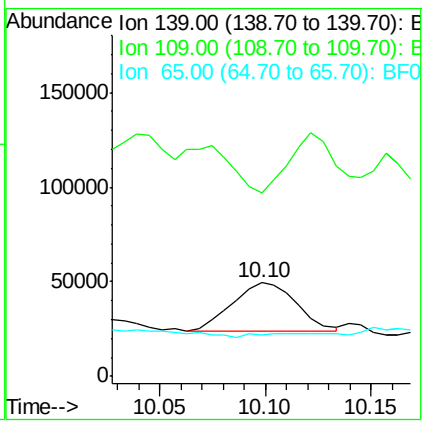


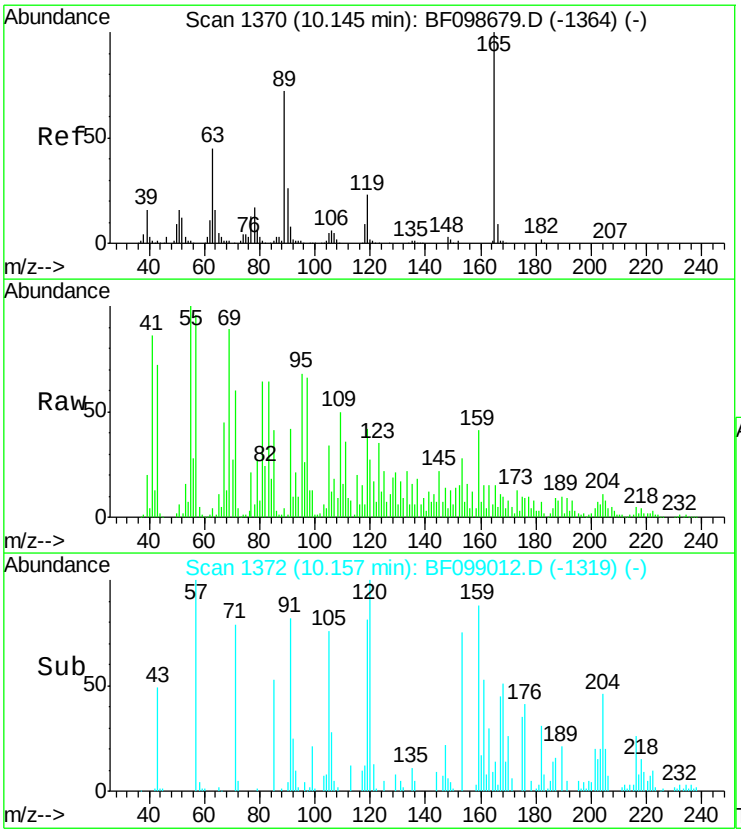
#55
4-Nitrophenol
Concen: 48.22 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.04 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 54530

Ion	Ratio	Lower	Upper
139	100		
109	195.0	48.4	88.4#
65	43.9	72.6	112.6#

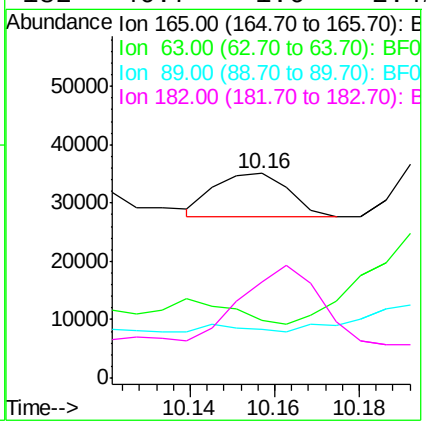


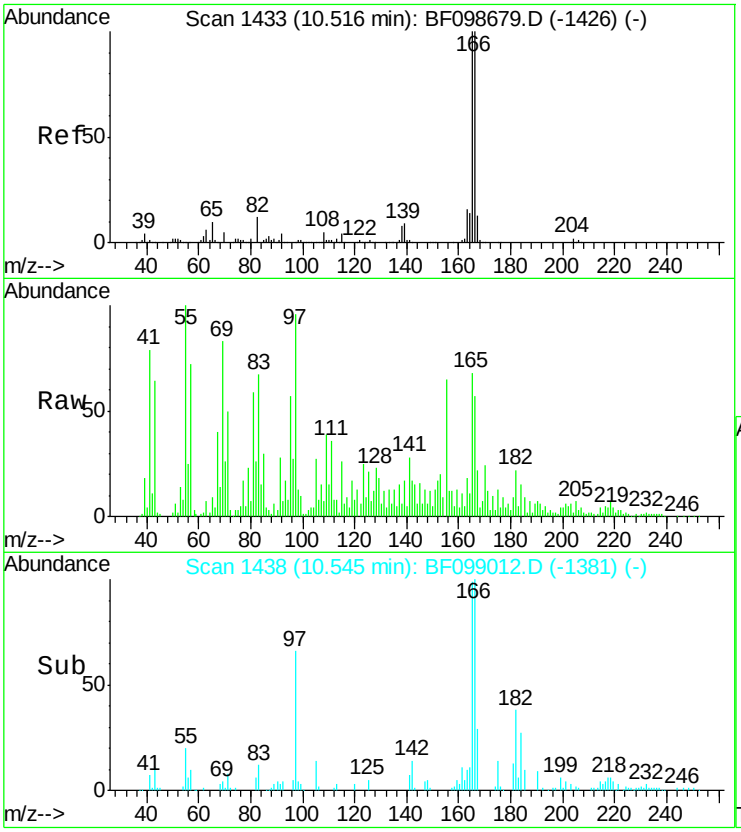


#56
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:165 Resp: 9136

Ion	Ratio	Lower	Upper
165	100		
63	28.2	36.4	54.6#
89	23.8	57.8	86.6#
182	46.7	1.6	2.4#



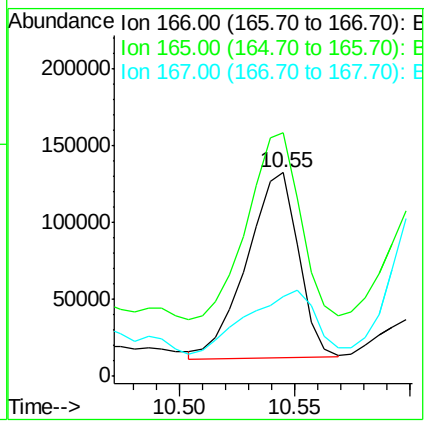


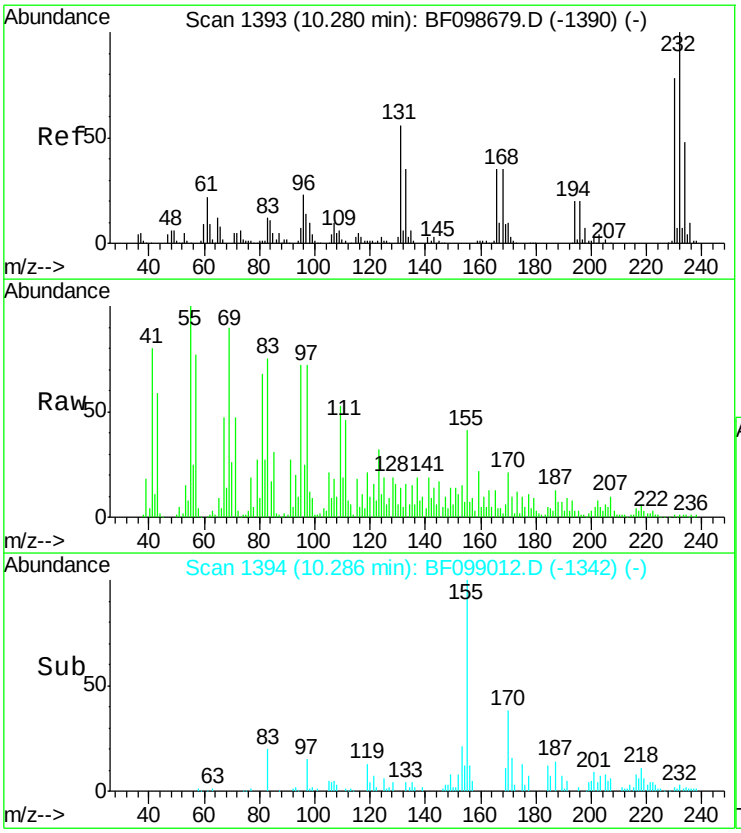
#57
Fluorene
Concen: 40.01 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.04 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 186996

Ion	Ratio	Lower	Upper
166	100		
165	119.6	79.8	119.8
167	38.9	10.6	16.0#

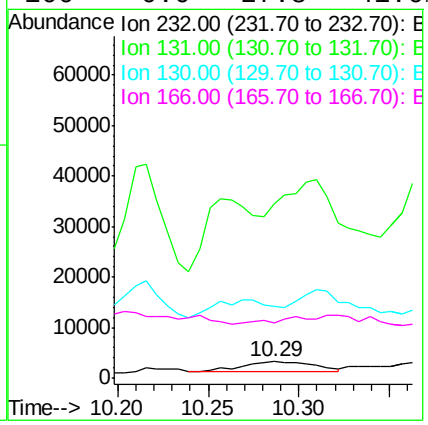


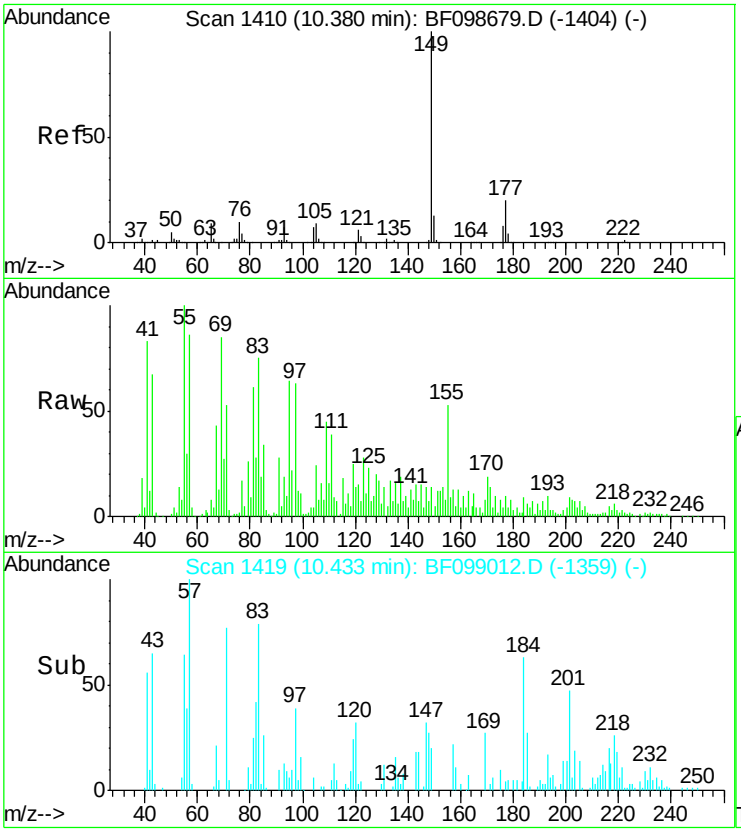


#58
2,3,4,6-Tetrachlorophenol
Concen: 5.79 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:232 Resp: 5884

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



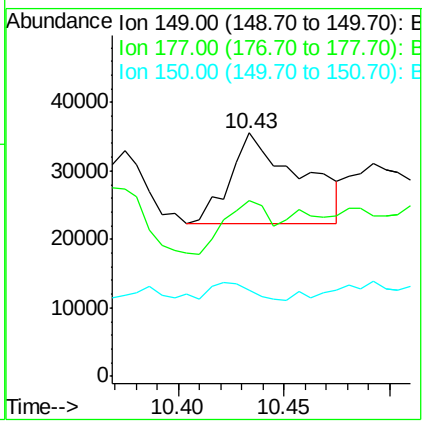


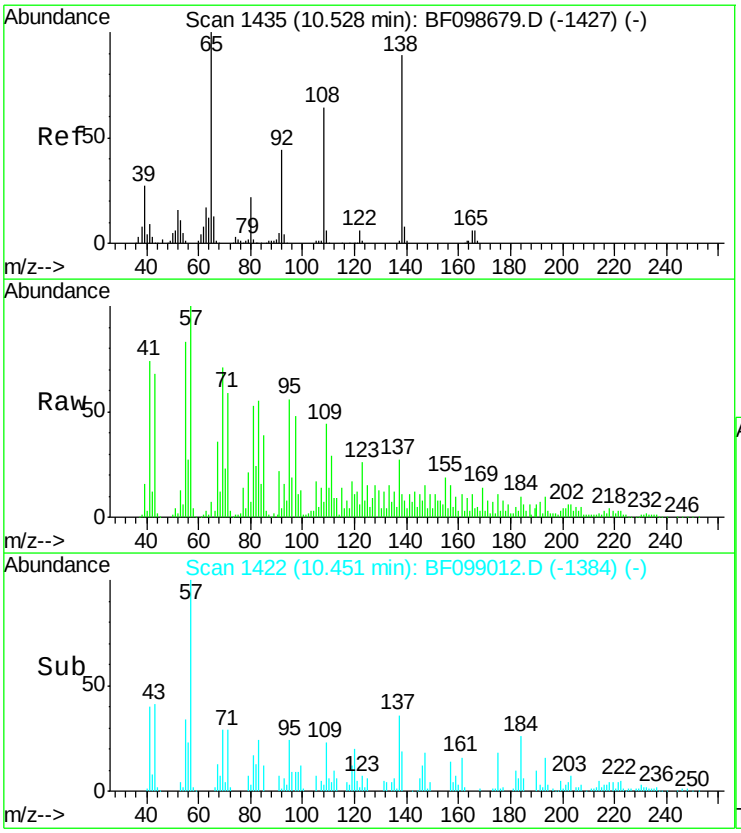
#59
Diethylphthalate
Concen: 5.87 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.05 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 30235

Ion	Ratio	Lower	Upper
149	100		
177	72.3	16.1	24.1#
150	35.6	10.1	15.1#

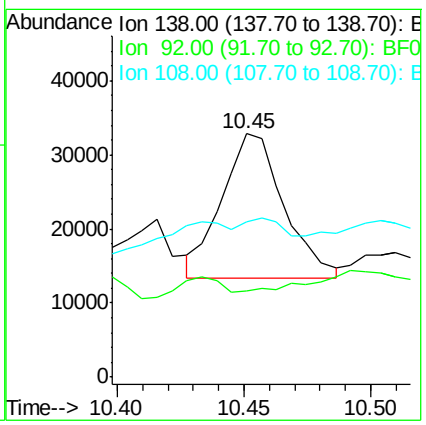


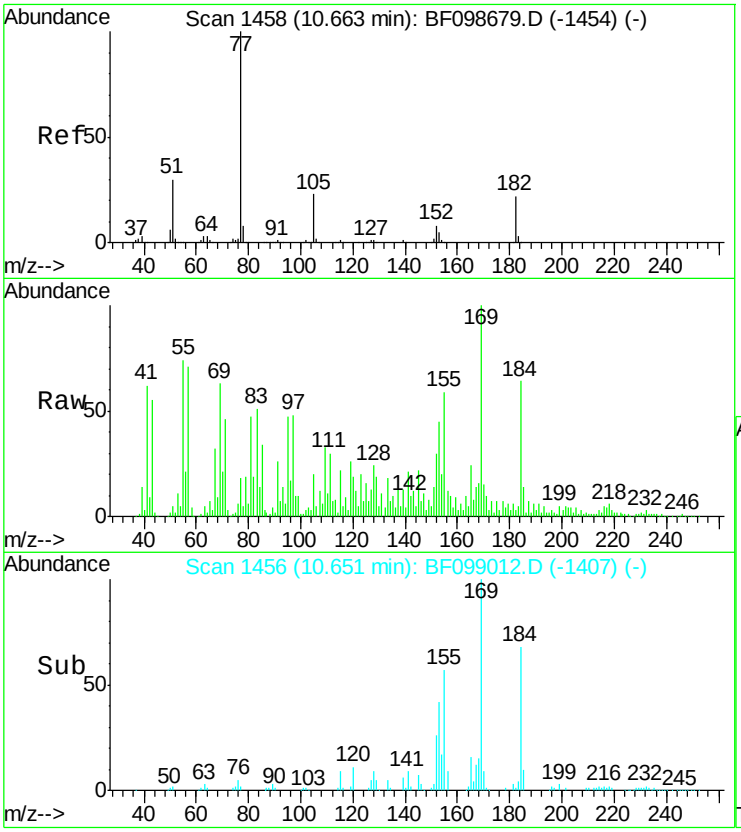


#61
4-Nitroaniline
Concen: 25.80 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.08 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:138 Resp: 33285

Ion	Ratio	Lower	Upper
138	100		
92	35.3	30.2	70.2
108	63.9	52.5	92.5



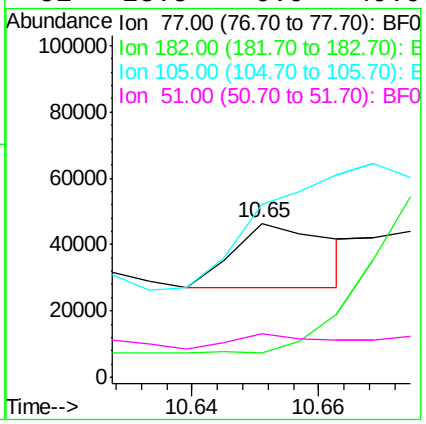


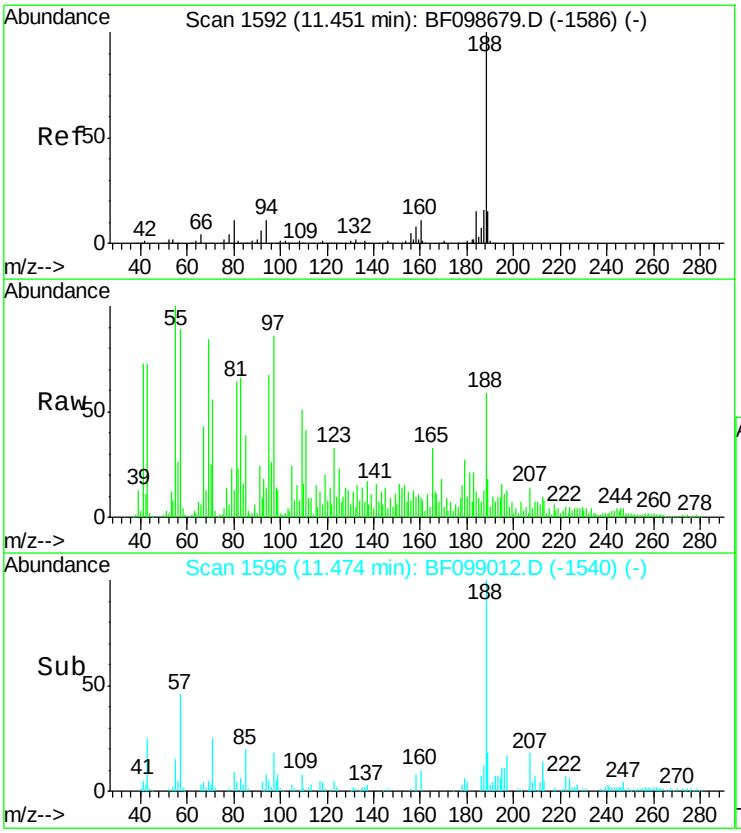
#62
Azobenzene
Concen: 4.35 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 20598

Ion	Ratio	Lower	Upper
77	100		
182	16.2	1.7	41.7
105	112.5	3.0	43.0#
51	28.5	9.9	49.9

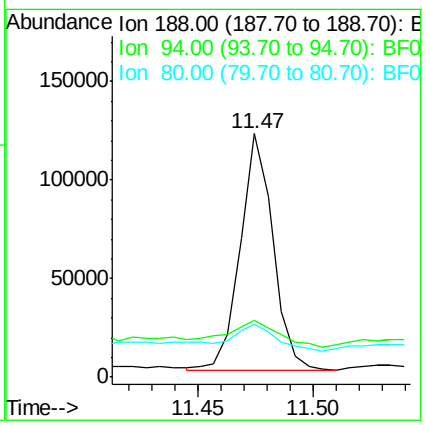


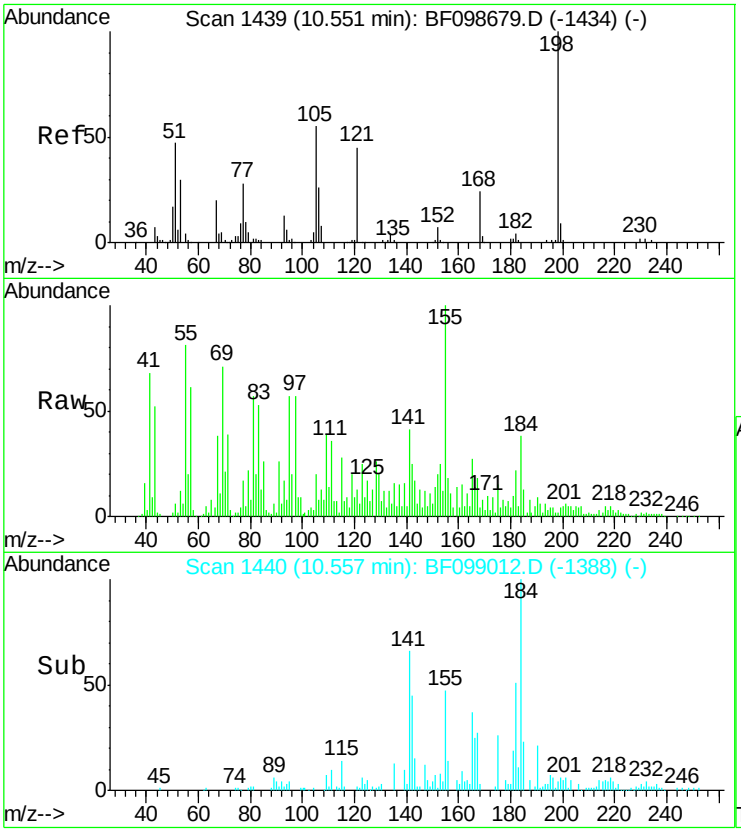


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.03 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:188 Resp: 118575

Ion	Ratio	Lower	Upper
188	100		
94	23.6	8.5	12.7#
80	21.8	9.2	13.8#



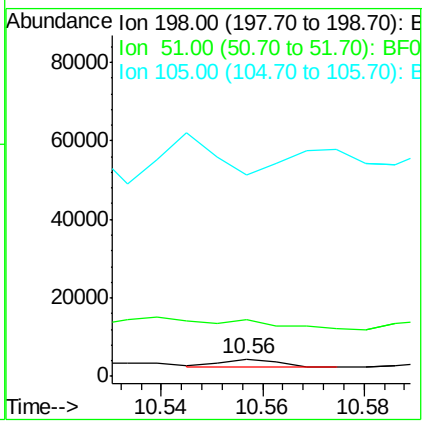


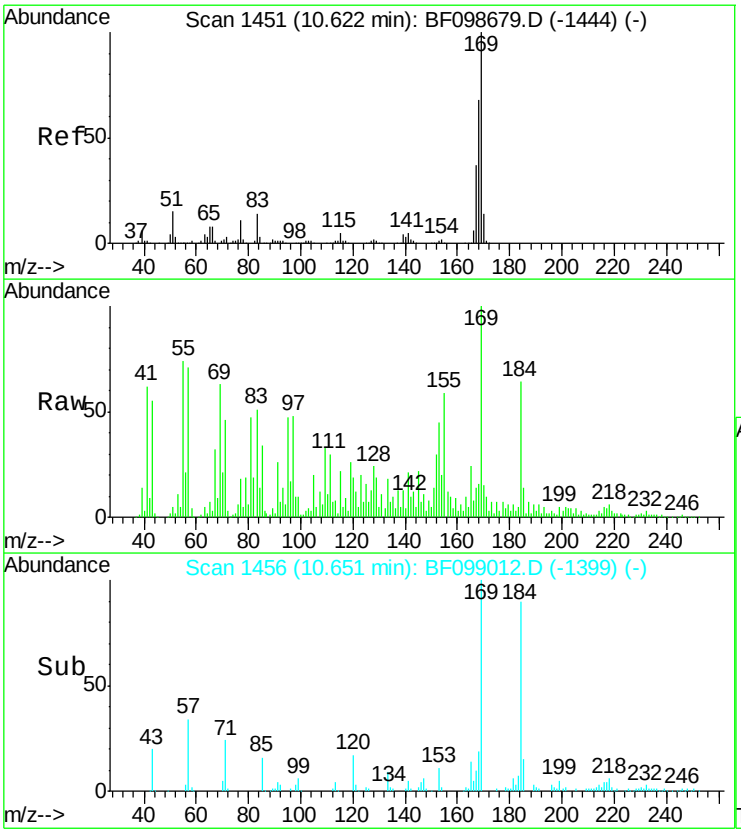
#64
4,6-Dinitro-2-methylphenol
Concen: 2.33 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 1678

Ion	Ratio	Lower	Upper
198	100		
51	321.3	37.7	77.7#
105	1144.6	36.3	76.3#

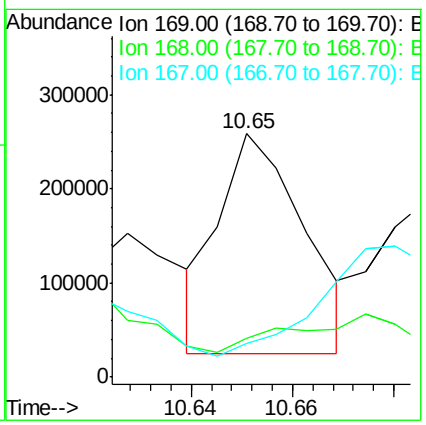


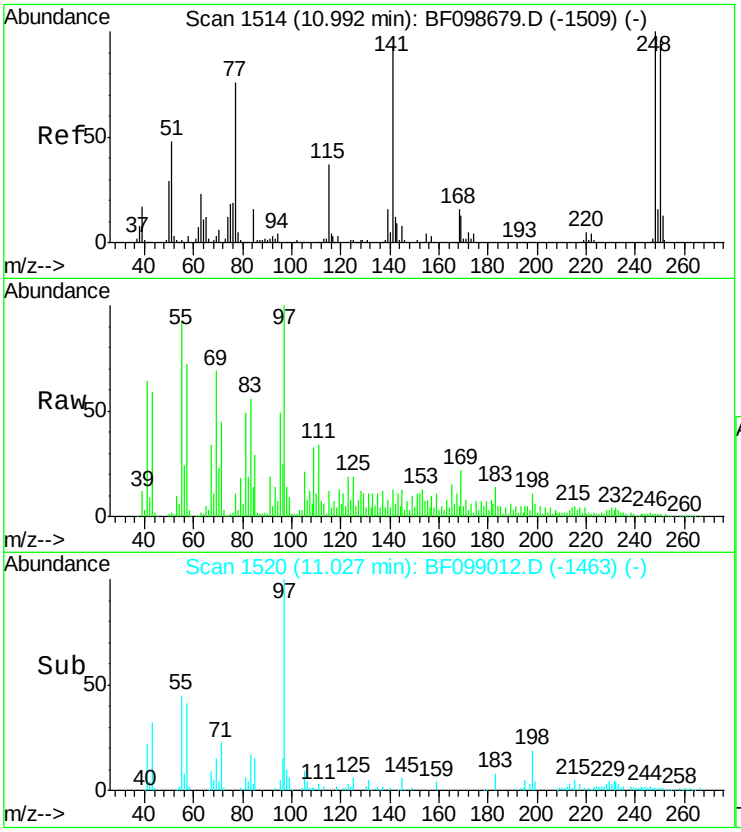


#65
n-Nitrosodiphenylamine
Concen: 66.23 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.04 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:169 Resp: 272050

Ion	Ratio	Lower	Upper
169	100		
168	16.0	54.4	81.6#
167	14.1	29.8	44.6#



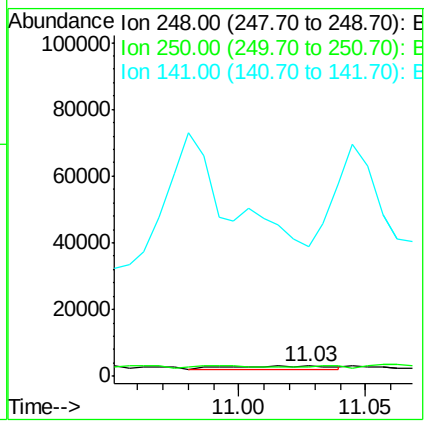


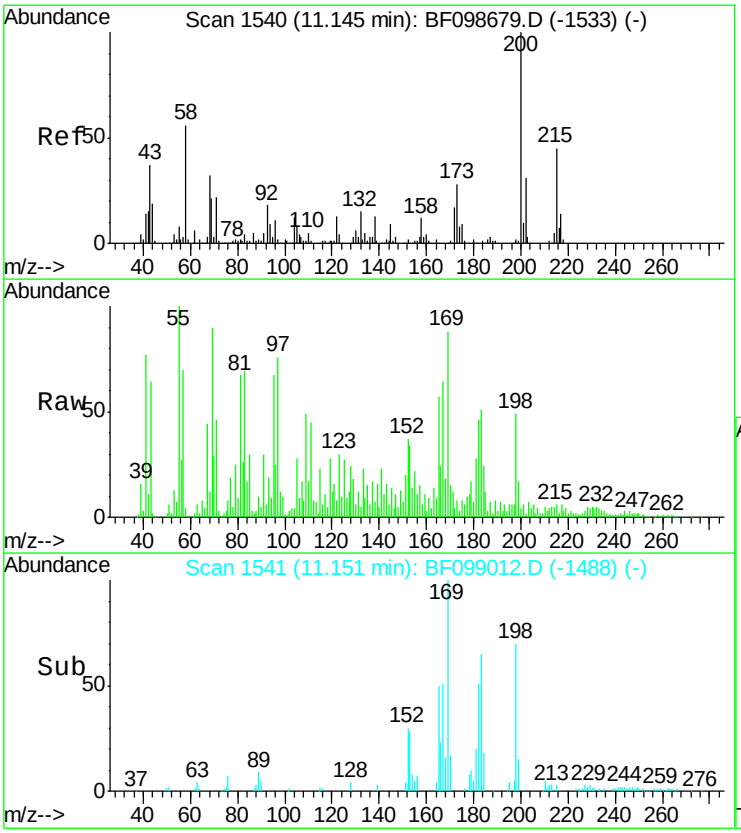
#66
4-Bromophenyl-phenylether
Concen: 2.43 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.04 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 2825

Ion	Ratio	Lower	Upper
248	100		
250	90.2	76.9	115.3
141	1268.8	74.4	111.6#

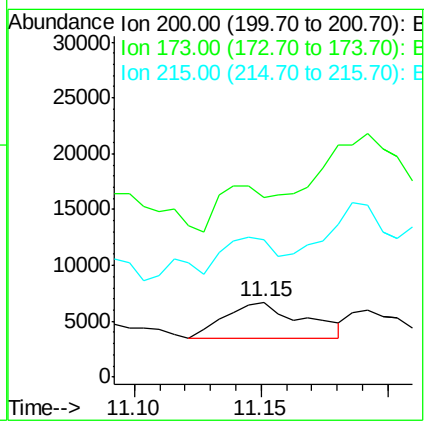


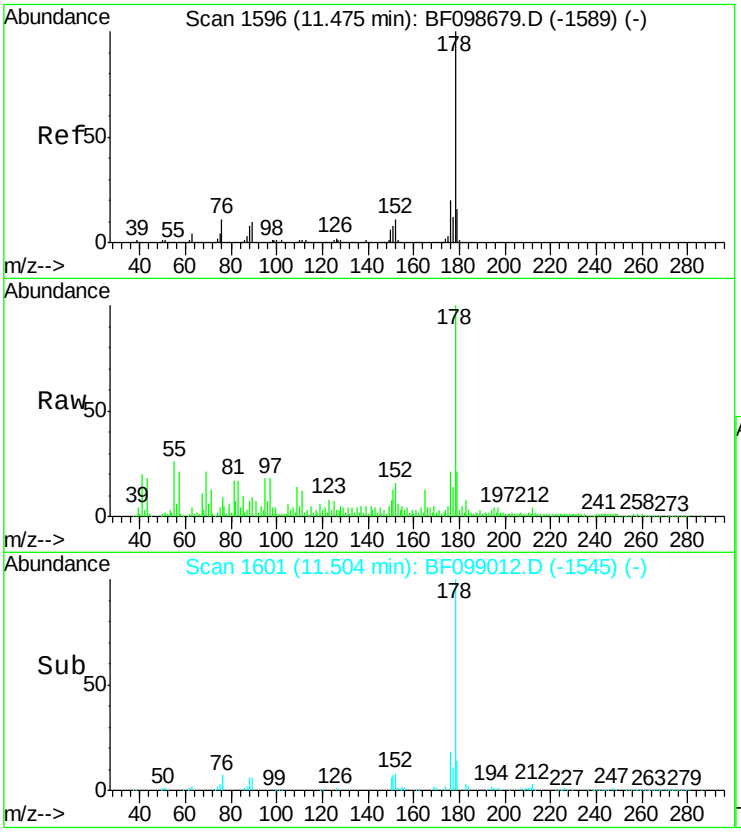


#68
Atrazine
Concen: 5.76 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:200 Resp: 7113

Ion	Ratio	Lower	Upper
200	100		
173	238.8	8.6	48.6#
215	182.1	25.1	65.1#



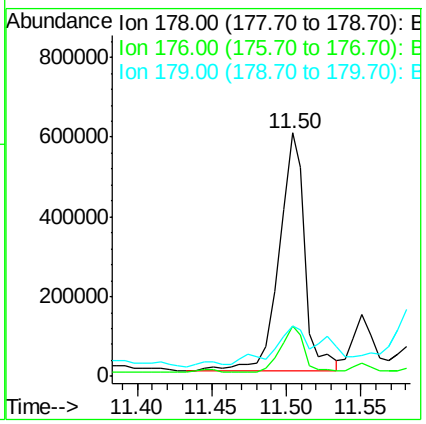


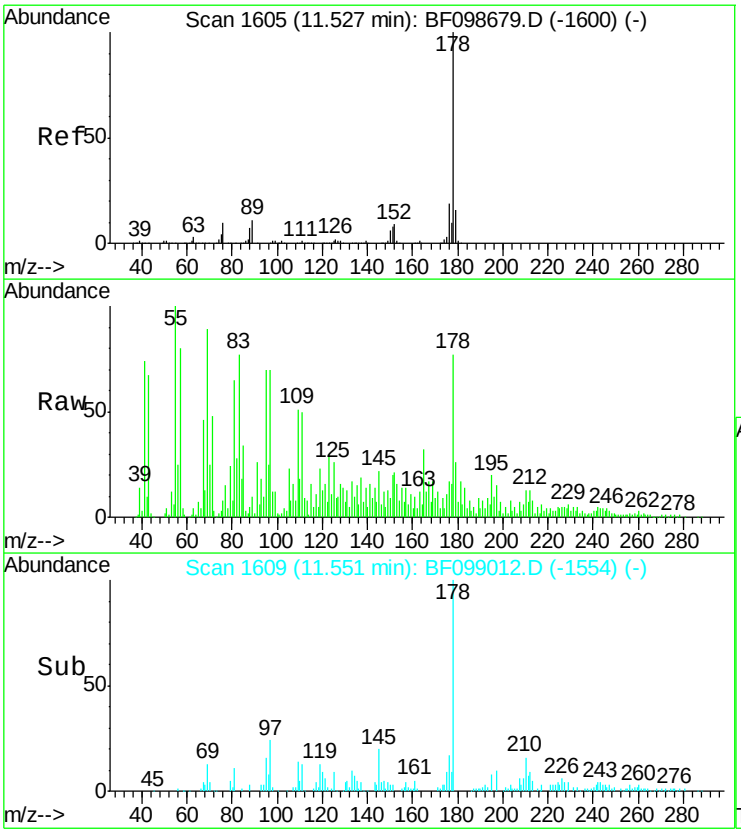
#70
Phenanthrene
Concen: 113.59 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.03 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 720972

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	20.5	13.0	19.6#

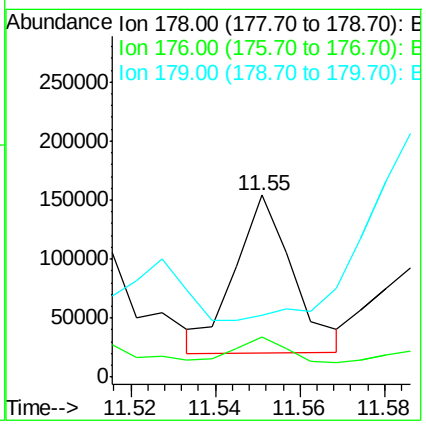


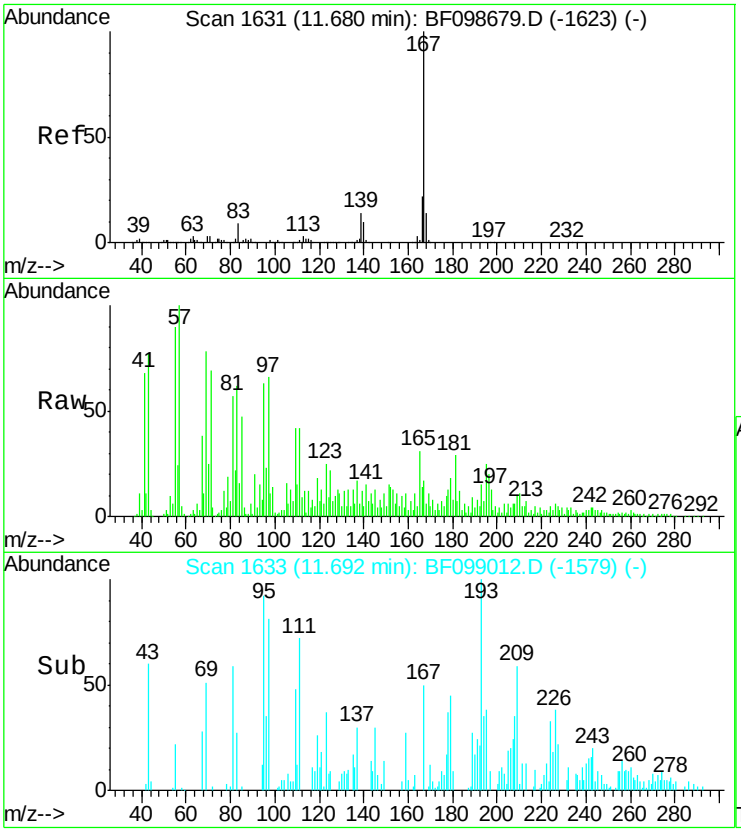


#71
Anthracene
Concen: 19.62 ng
RT: 11.55 min Scan# 1609
Delta R.T. 0.02 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:178 Resp: 127416

Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.4	23.2
179	33.9	12.6	19.0#



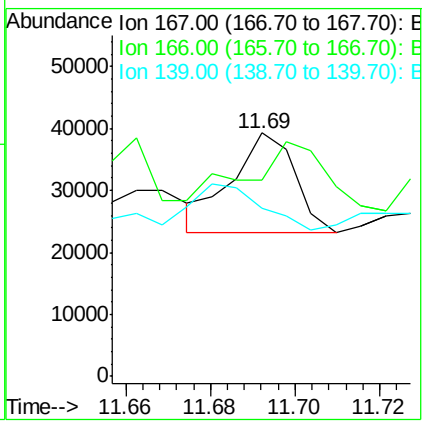


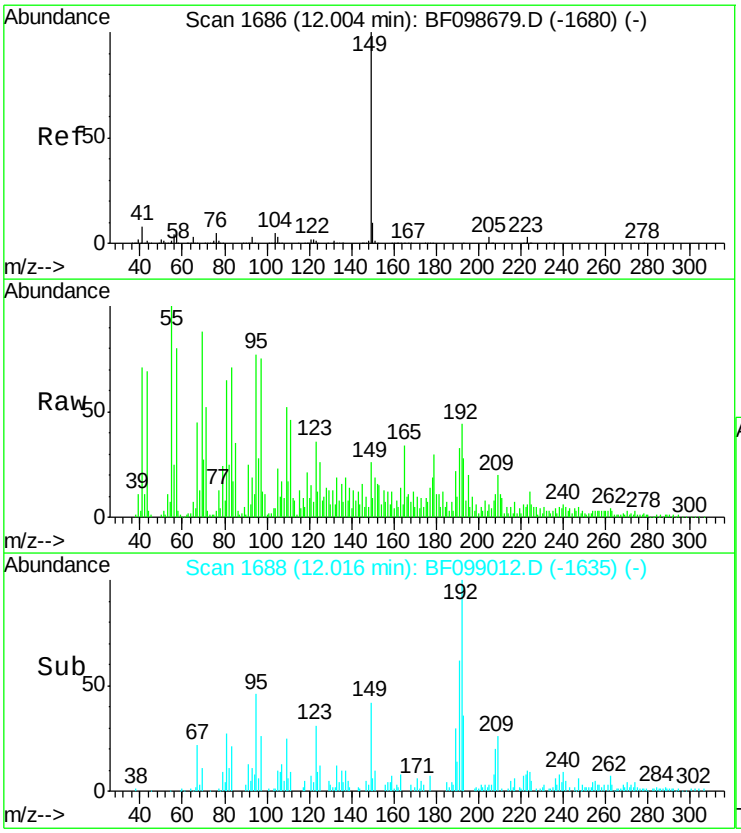
#72
Carbazole
Concen: 2.62 ng
RT: 11.69 min Scan# 1633
Delta R.T. 0.02 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 16685

Ion	Ratio	Lower	Upper
167	100		
166	80.4	17.6	26.4#
139	69.3	10.9	16.3#

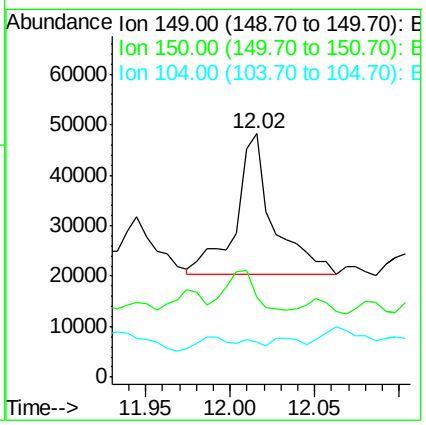


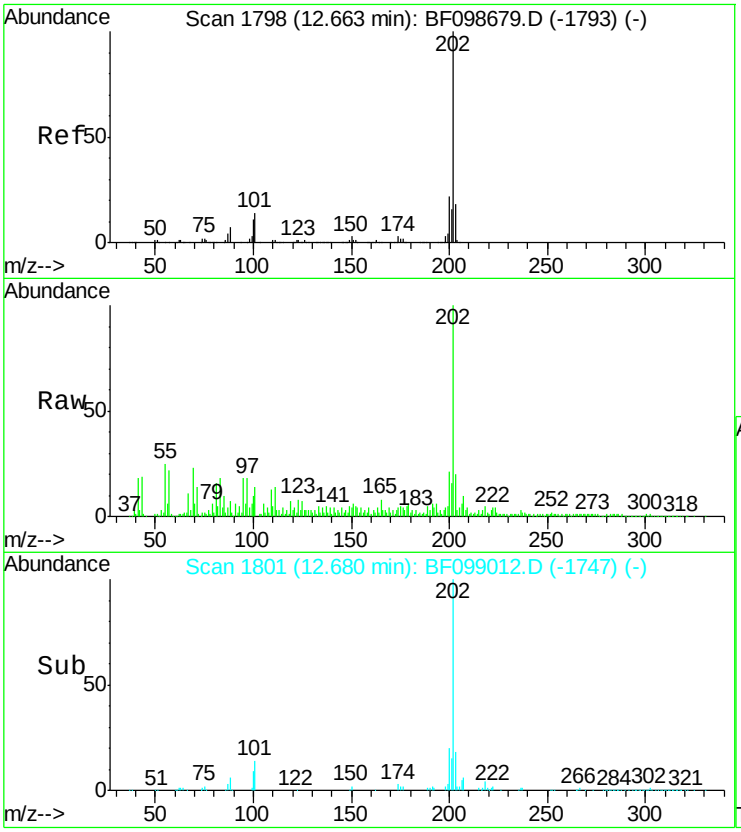


#73
Di-n-butylphthalate
Concen: 5.58 ng
RT: 12.02 min Scan# 1688
Delta R.T. 0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:149 Resp: 42682

Ion	Ratio	Lower	Upper
149	100		
150	32.6	7.8	11.6#
104	14.6	3.8	5.8#



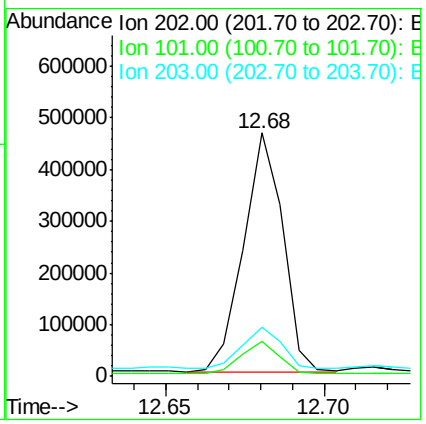


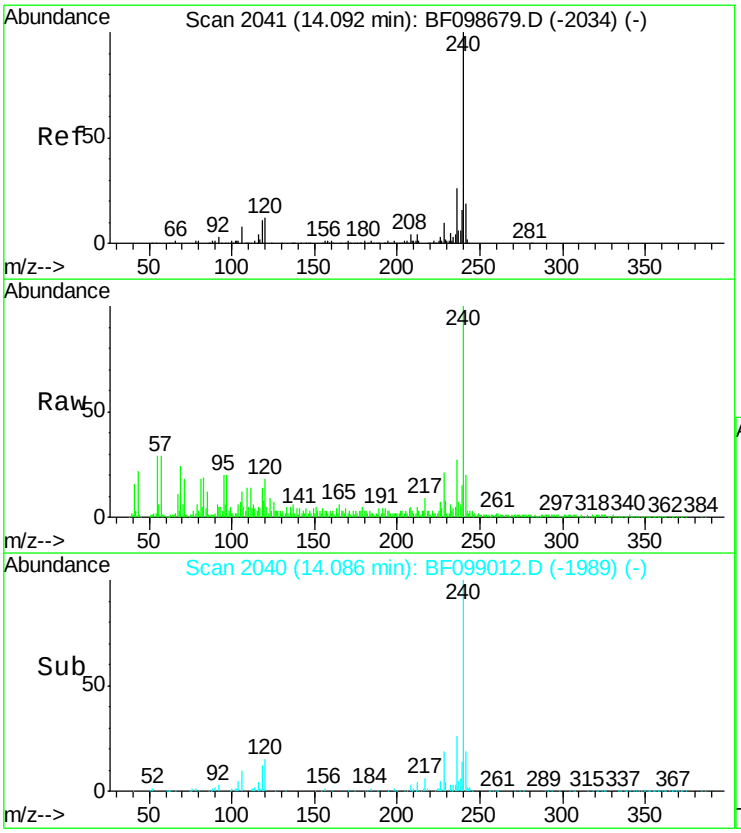
#74
Fluoranthene
Concen: 61.55 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.02 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 395599

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.1
203	20.1	0.0	38.1

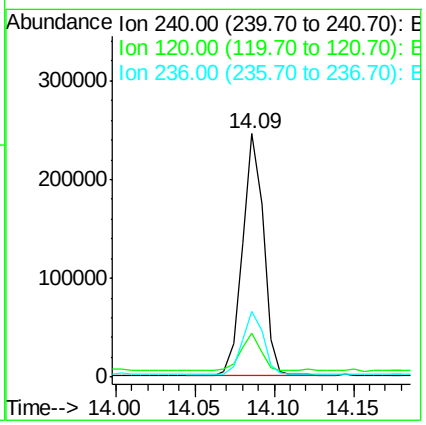


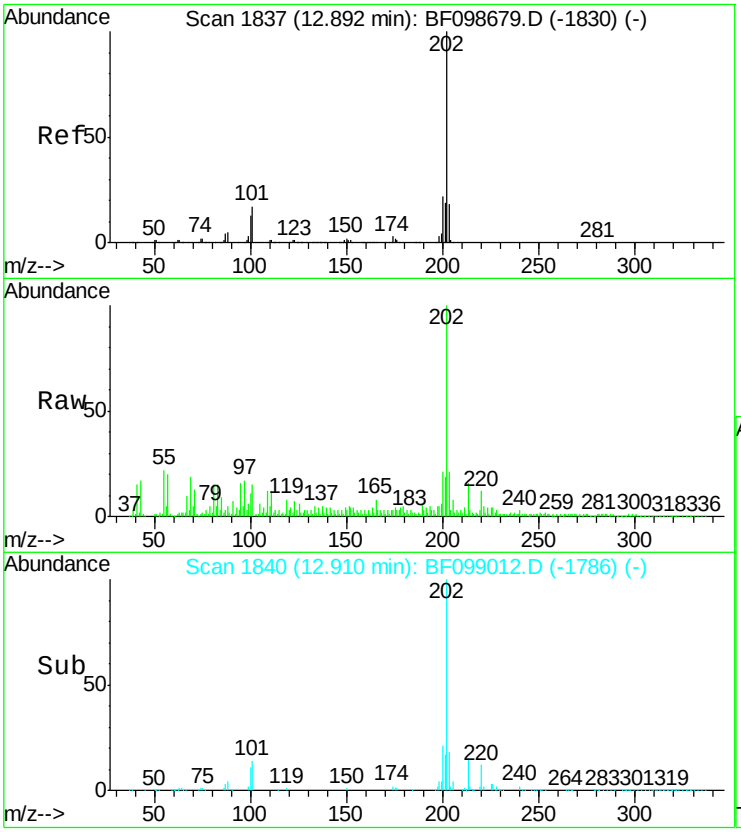


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:240 Resp: 223211

Ion	Ratio	Lower	Upper
240	100		
120	17.9	9.5	14.3#
236	26.9	20.7	31.1



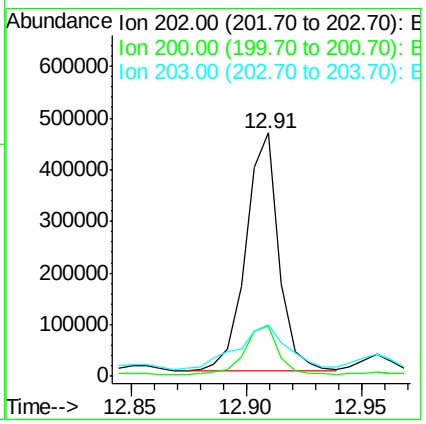


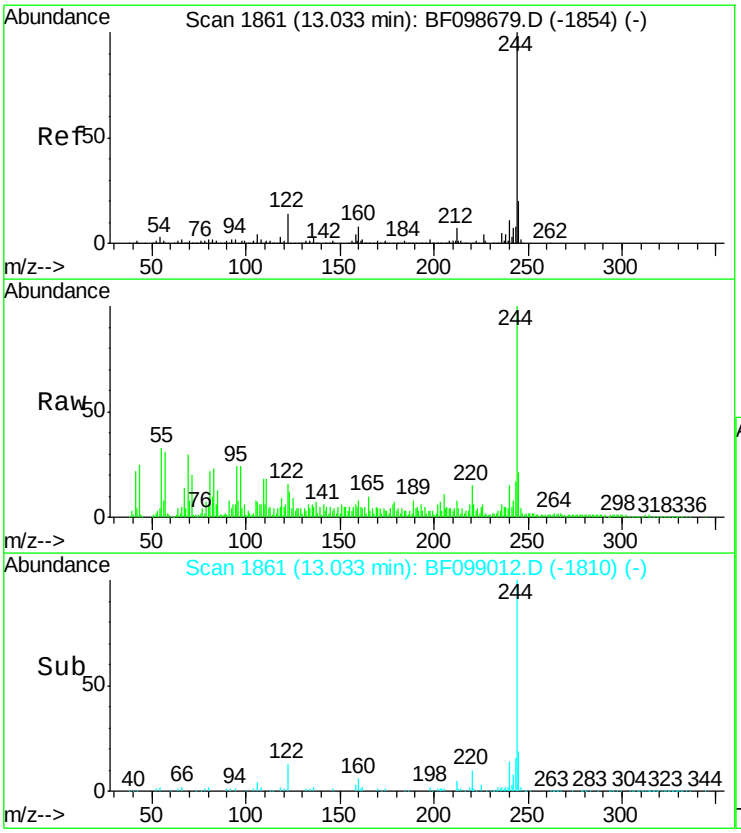
#77
Pyrene
Concen: 27.23 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.02 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 463391

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	21.2	14.3	21.5

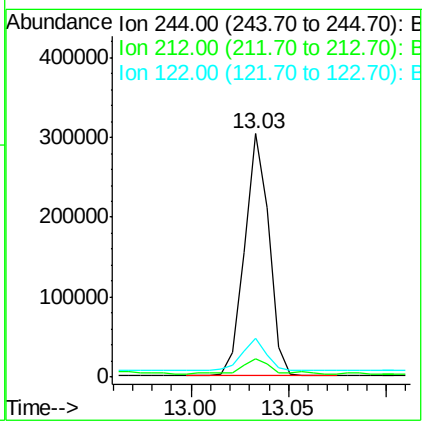


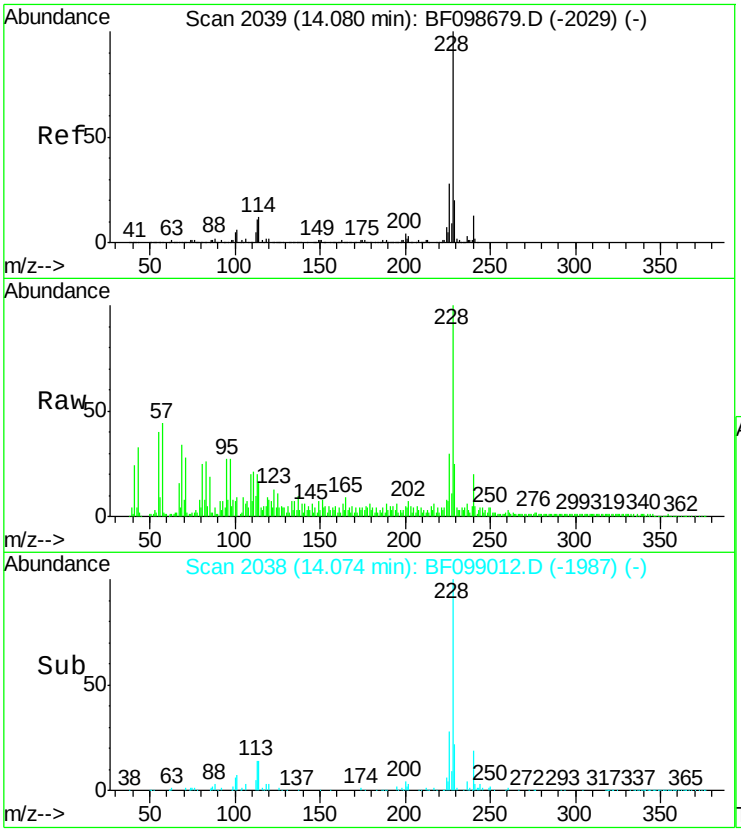


#78
Terphenyl-d14
Concen: 26.51 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:244 Resp: 260231

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	15.8	11.0	16.4



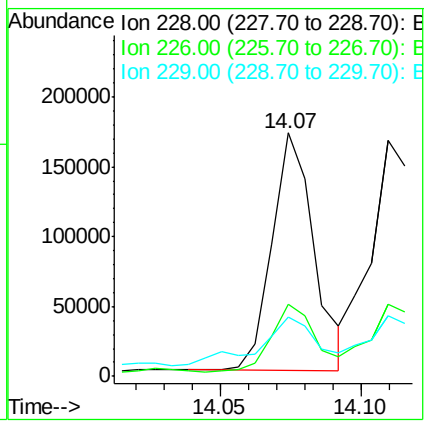


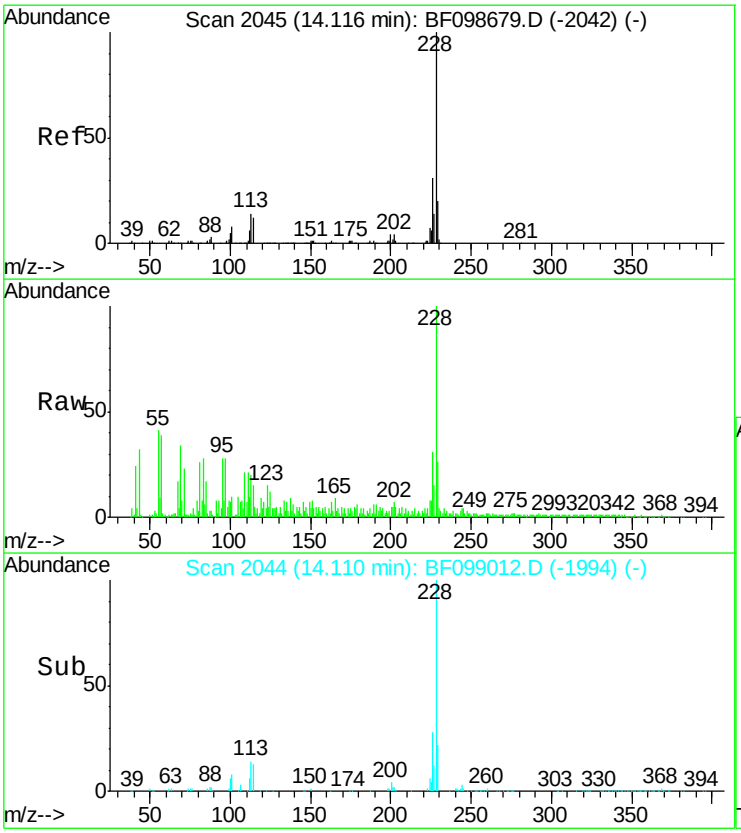
#80
Benzo(a)anthracene
Concen: 12.97 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 175362

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	24.6	15.8	23.6#

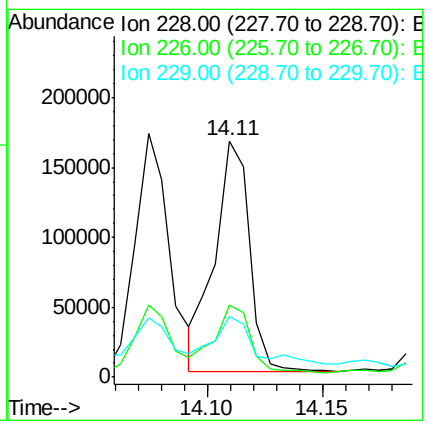


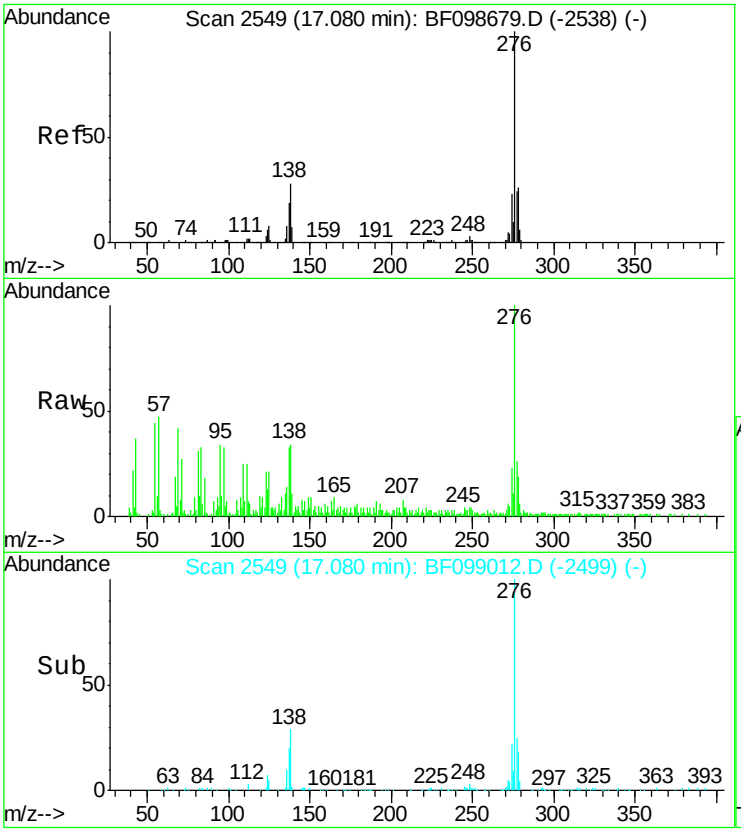


#82
Chrysene
Concen: 13.37 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:228 Resp: 172094

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	25.9	16.2	24.4#



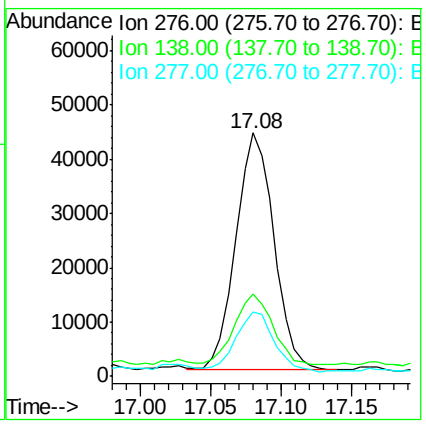


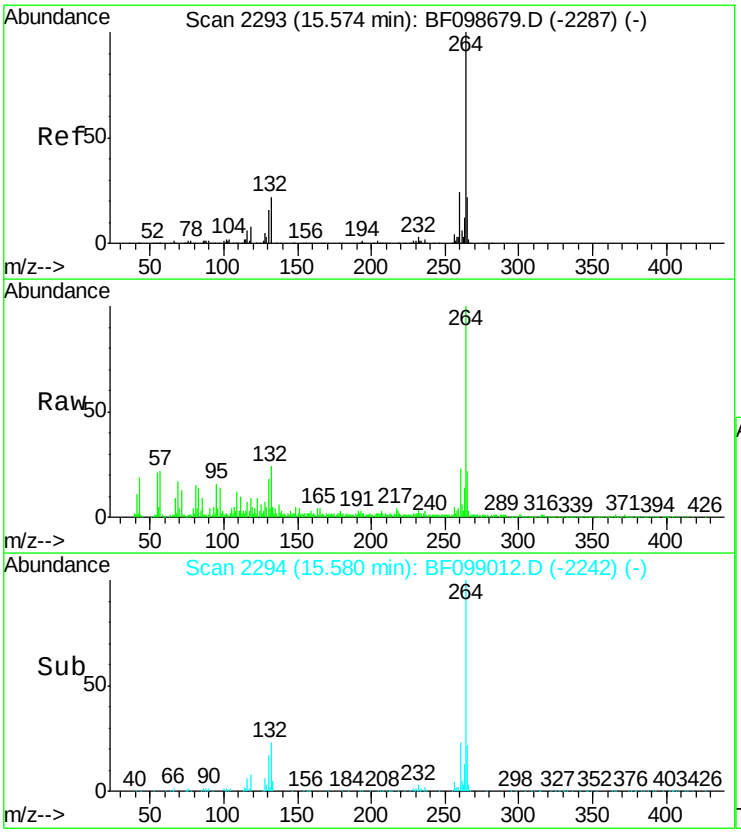
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.02 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 82571

Ion	Ratio	Lower	Upper
276	100		
138	31.6	25.0	37.6
277	24.7	20.1	30.1

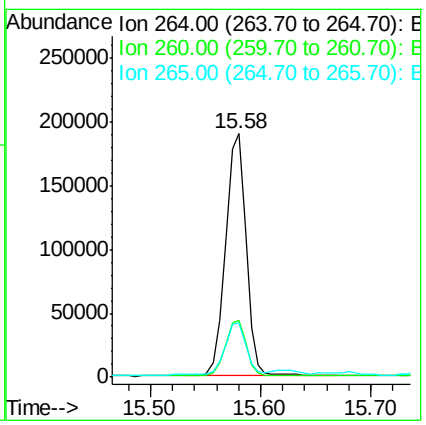


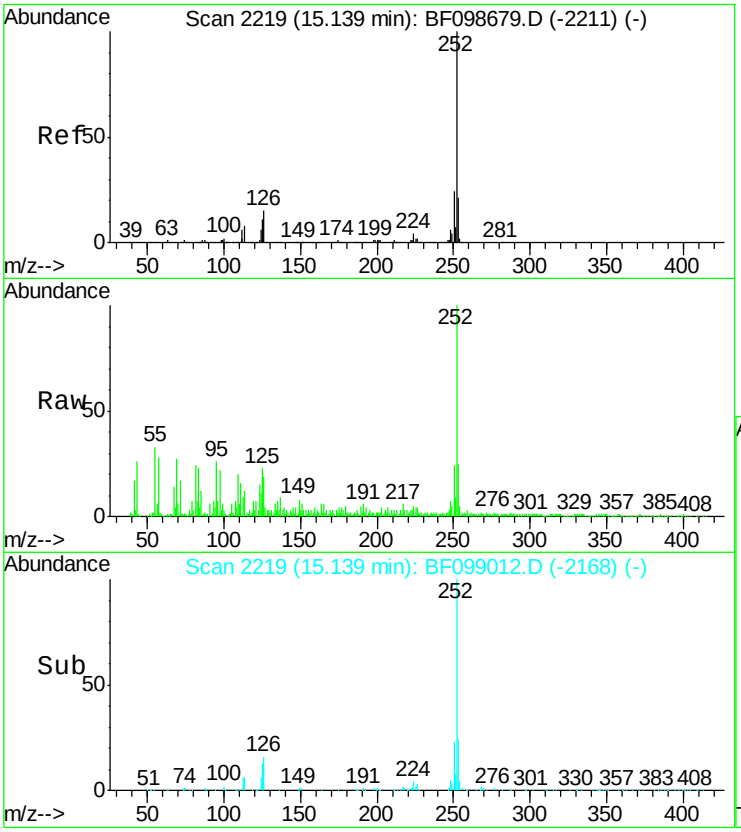


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:264 Resp: 249957

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.4	17.5	26.3



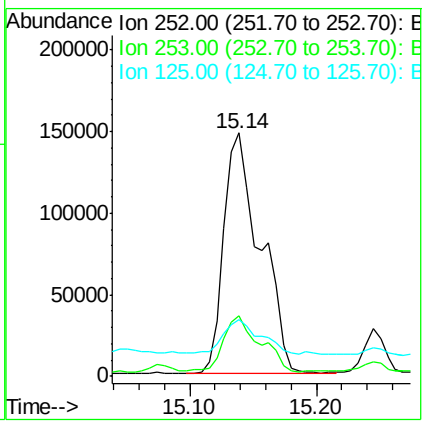


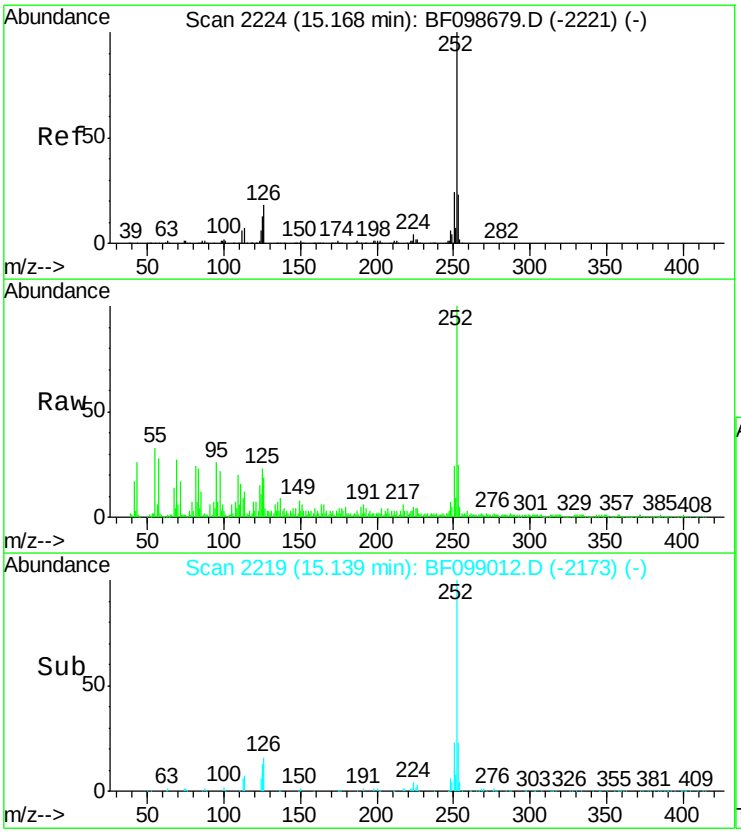
#87
Benzo(b)fluoranthene
Concen: 19.34 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 297255

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.0	25.6
125	23.3	9.0	13.6#

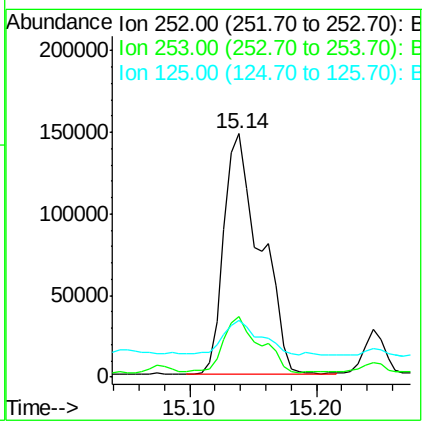


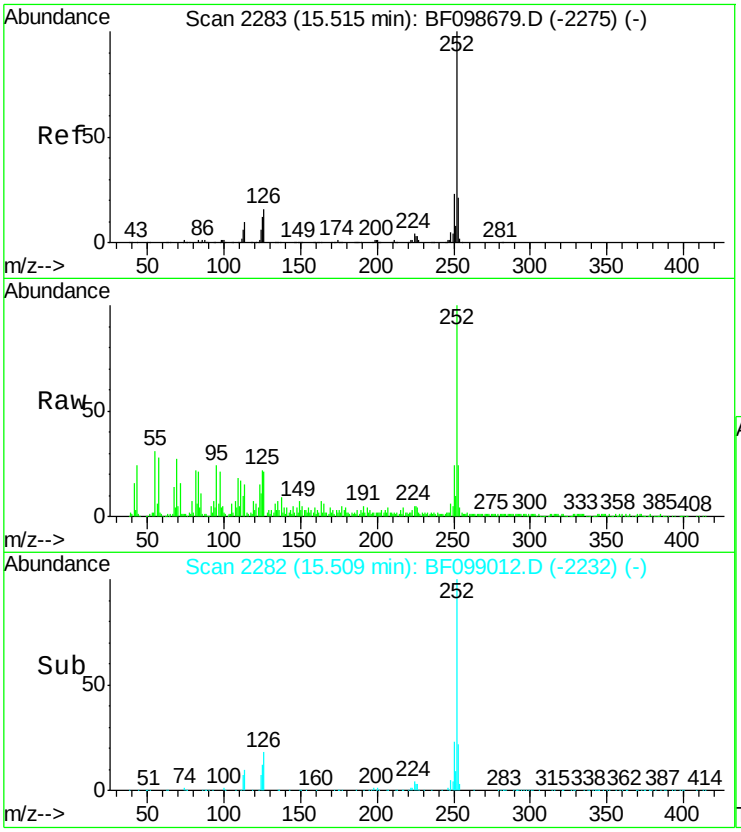


#88
Benzo(k)fluoranthene
Concen: 19.58 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:252 Resp: 297255

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	23.3	10.2	15.2#



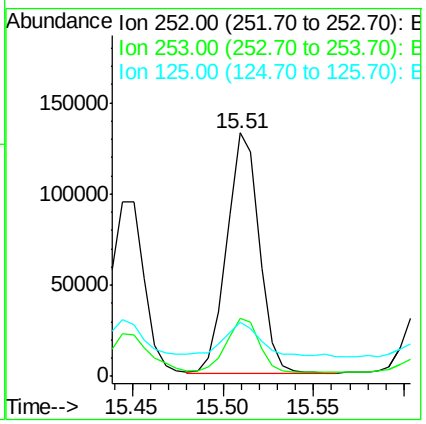


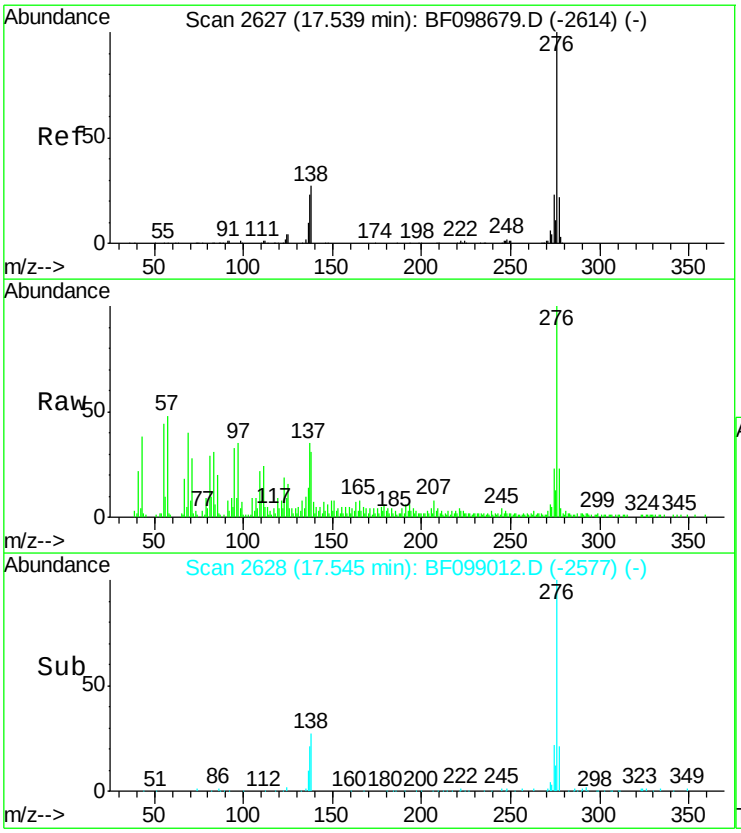
#89
Benzo(a)pyrene
Concen: 11.72 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 165342

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	22.1	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 7.46 ng
RT: 17.54 min Scan# 2628
Delta R.T. -0.00 min
Lab File: BF099012.D
Acq: 2 Oct 2017 21:01

Tgt Ion:276 Resp: 83247

Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	31.5	21.8	32.8