Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098748.D
Acq On : 23 Sep 2017 19:32
Operator : SJ/JU
Sample : I5340-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 25 04:54:22 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	6.92	152	151246	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	611039	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	249588	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	349540	20.00	ng		0.00
75) Chrysene-d12	14.08	240	243720	20.00	ng		0.00
86) Perylene-d12	15.57	264	258474	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1235678	130.06	ng		0.00
7) Phenol-d6	6.55	99	1483455	126.57	ng		0.00
23) Nitrobenzene-d5	7.49	82	905620	95.05	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	221239	108.33	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	1433420	95.88	ng		0.00
78) Terphenyl-d14	13.03	244	829928	77.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	120	0.03	ng	#	1
4) n-Nitrosodimethylamine	3.62	42	113	0.02	ng	#	1
6) Aniline	6.56	93	1694	0.11	ng	#	1
8) 2-Chlorophenol	6.70	128	322	0.03	ng	#	1
9) Benzaldehyde	6.55	77	2802	0.41	ng	#	1
10) Phenol	6.56	94	28346	2.16	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	1946	0.19	ng	#	19
12) 1,3-Dichlorobenzene	7.08	146	363	0.03	ng	#	1
13) 1,4-Dichlorobenzene	7.08	146	363	0.03	ng	#	1
14) 1,2-Dichlorobenzene	7.08	146	363	0.03	ng	#	1
15) Benzyl Alcohol	7.08	79	14845	1.73	ng	#	41
16) 2,2'-oxybis(1-Chloropropan	7.29	45	143	0.01	ng		70
17) 2-Methylphenol	7.31	107	4712	0.54	ng	#	72
19) n-Nitroso-di-n-propylamine	7.48	70	121651	16.26	ng	#	77
20) 3+4-Methylphenols	7.31	107	4712	0.42	ng		87
22) Acetophenone	7.32	105	175	0.01	ng	#	54
24) Nitrobenzene	7.48	77	2759	0.26	ng	#	33
25) Isophorone	7.49	82	900702	45.72	ng	#	64
27) 2,4-Dimethylphenol	7.87	122	2428	0.25	ng	#	4
31) Naphthalene	8.22	128	1465	0.05	ng	#	83
32) Benzoic acid	7.87	122	2428	0.30	ng		94
33) 4-Chloroaniline	8.22	127	110	0.01	ng	#	46
37) 2-Methylnaphthalene	8.91	142	910	0.05	ng		98
45) 1,1'-Biphenyl	9.37	154	2800	0.13	ng		87
46) 2-Chloronaphthalene	9.67	162	2758	0.17	ng	#	1
47) 2-Nitroaniline	9.39	65	116	0.02	ng	#	2
48) Acenaphthylene	9.82	152	4099	0.17	ng	#	91
49) Dimethylphthalate	9.67	163	239141	12.69	ng		99
50) 2,6-Dinitrotoluene	9.66	165	2389	0.58	ng	#	6
51) Acenaphthene	9.99	154	924	0.06	ng		87
54) Dibenzofuran	10.16	168	713	0.03	ng	#	81
55) 4-Nitrophenol	10.16	139	323	0.08	ng	#	9
56) 2,4-Dinitrotoluene	9.96	165	31670	5.95	ng	#	23
57) Fluorene	10.50	166	1401	0.08	ng	#	86

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098748.D
Acq On : 23 Sep 2017 19:32
Operator : SJ/JU
Sample : I5340-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 25 04:54:22 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)
59) Diethylphthalate	10.37	149	1182	0.06	ng	#	61
60) 4-Chlorophenyl-phenylether	10.73	204	177	0.02	ng	#	1
62) Azobenzene	10.67	77	645	0.04	ng	#	43
64) 4,6-Dinitro-2-methylphenol	10.75	198	526	0.25	ng	#	1
65) n-Nitrosodiphenylamine	10.75	169	8229	0.68	ng	#	45
66) 4-Bromophenyl-phenylether	10.75	248	15426	4.51	ng	#	1
70) Phenanthrene	11.47	178	27010	1.44	ng		98
71) Anthracene	11.52	178	4271	0.22	ng		95
72) Carbazole	11.67	167	2849	0.15	ng		96
73) Di-n-butylphthalate	12.00	149	2527	0.11	ng	#	78
74) Fluoranthene	12.66	202	54759	2.89	ng		93
76) Benzidine	13.03	184	11812	1.31	ng	#	89
77) Pyrene	12.89	202	52730	2.84	ng		96
79) Butylbenzylphthalate	13.50	149	2900	0.33	ng	#	92
80) Benzo(a)anthracene	14.07	228	24056	1.63	ng		98
82) Chrysene	14.10	228	27851	1.98	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	5529	0.46	ng	#	90
84) Di-n-octyl phthalate	14.67	149	474	0.02	ng	#	1
85) Indeno(1,2,3-cd)pyrene	17.06	276	15733	1.40	ng	#	90
87) Benzo(b)fluoranthene	15.13	252	47636	3.00	ng	#	95
88) Benzo(k)fluoranthene	15.13	252	47636	3.03	ng		98
89) Benzo(a)pyrene	15.50	252	24190	1.66	ng	#	93
90) Dibenzo(a,h)anthracene	17.09	278	4041	0.35	ng	#	76
91) Benzo(g,h,i)perylene	17.53	276	15132	1.31	ng	#	91

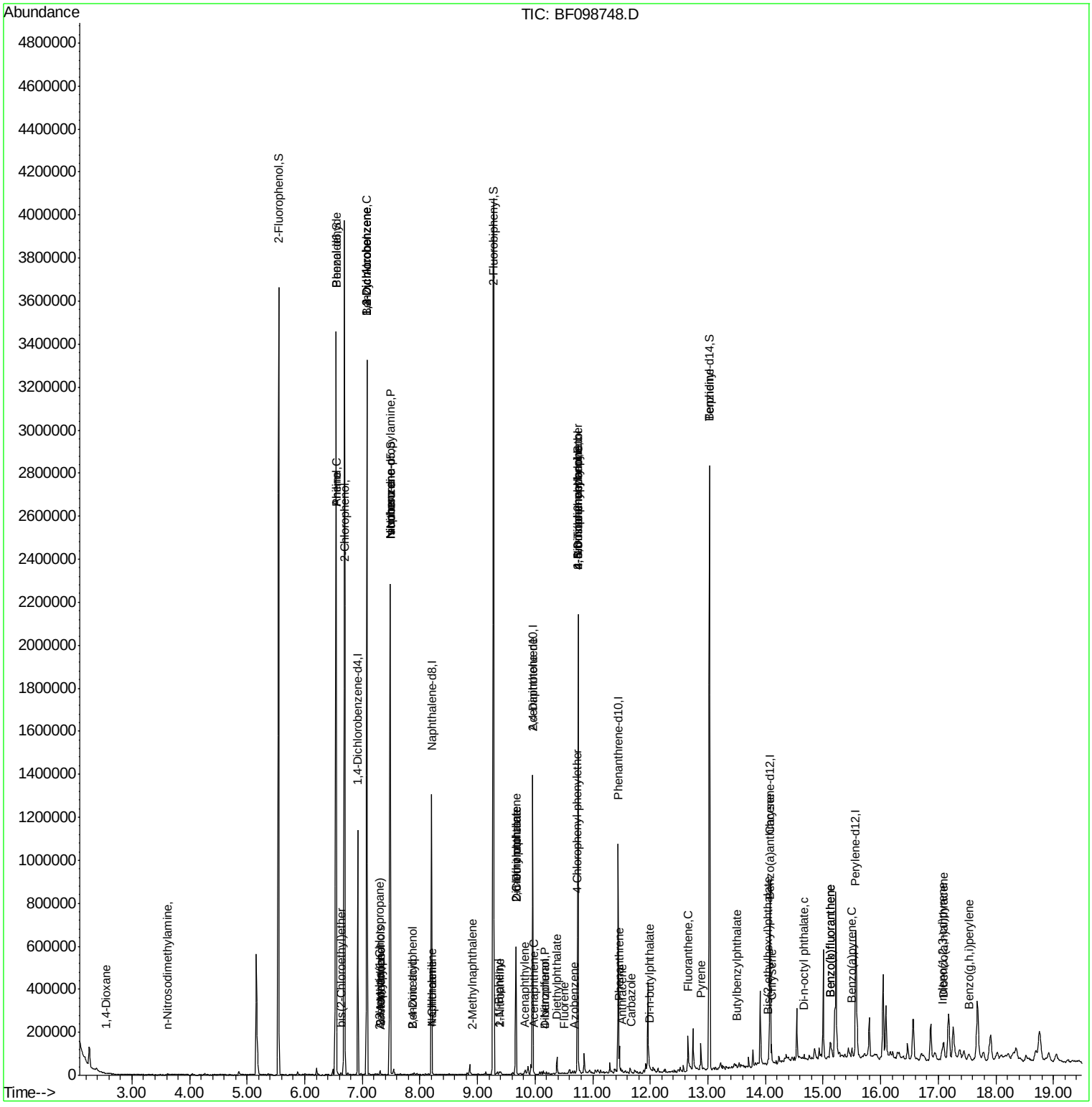
(#) = qualifier out of range (m) = manual integration (+) = signals summed

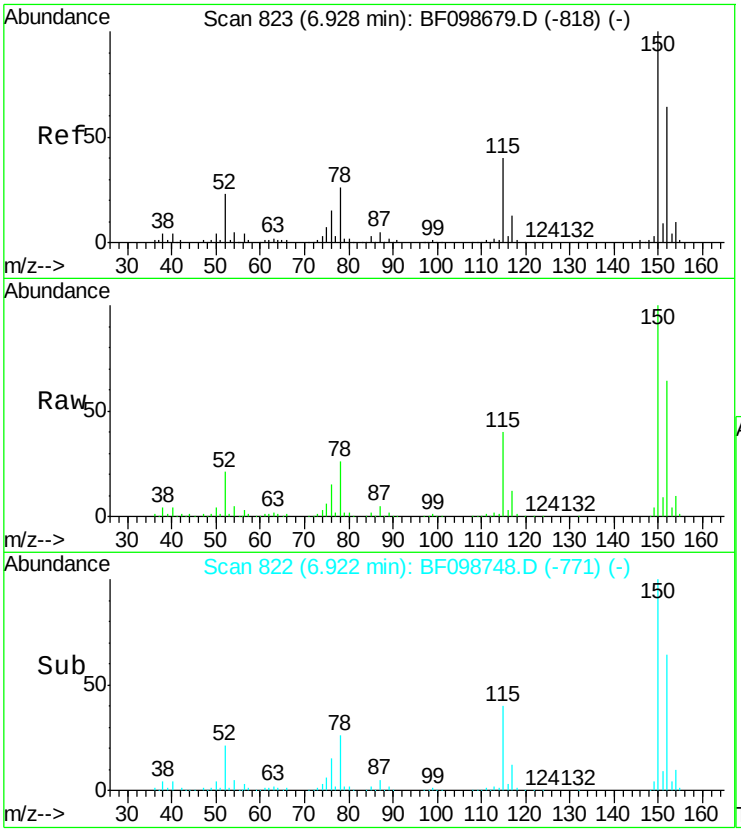
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098748.D
Acq On : 23 Sep 2017 19:32
Operator : SJ/JU
Sample : I5340-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 25 04:54:22 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



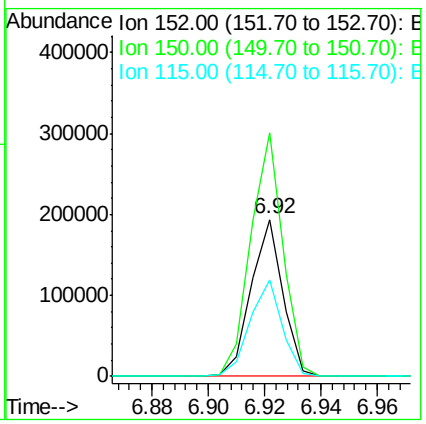


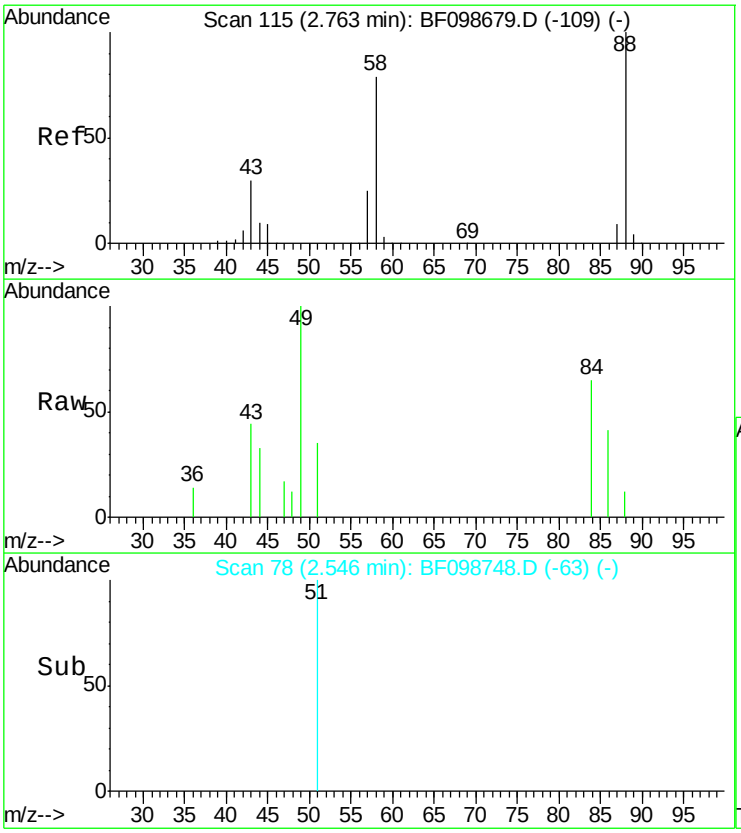
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 151246

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	61.5	50.1	75.1

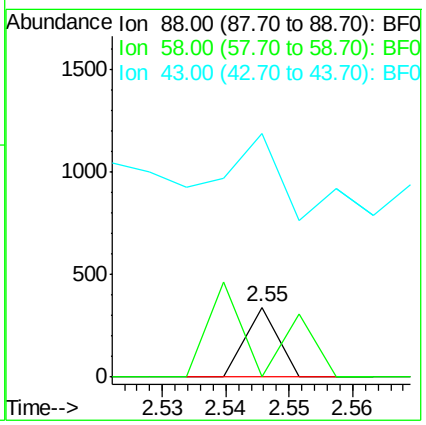


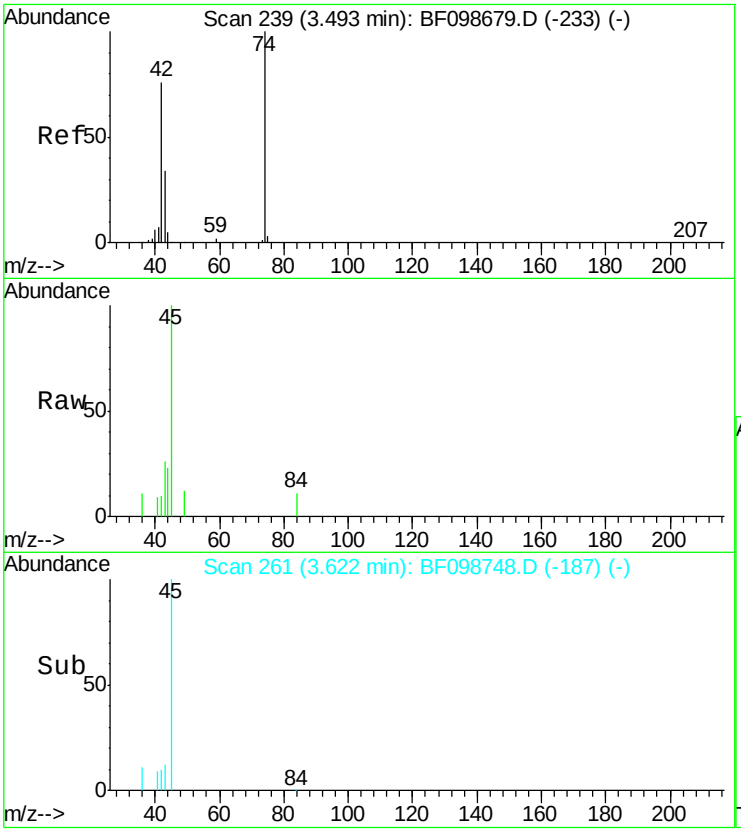


#2
1,4-Dioxane
Concen: 0.03 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.21 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion: 88 Resp: 120

Ion	Ratio	Lower	Upper
88	100		
58	227.5	62.6	93.8#
43	0.0	24.6	37.0#



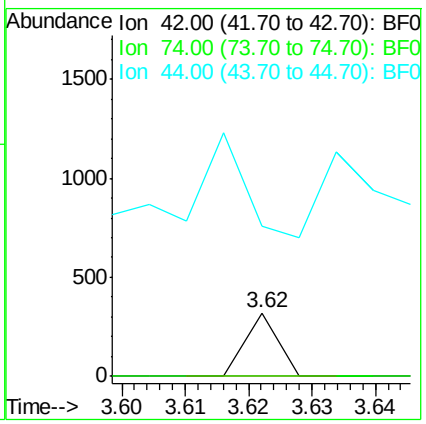


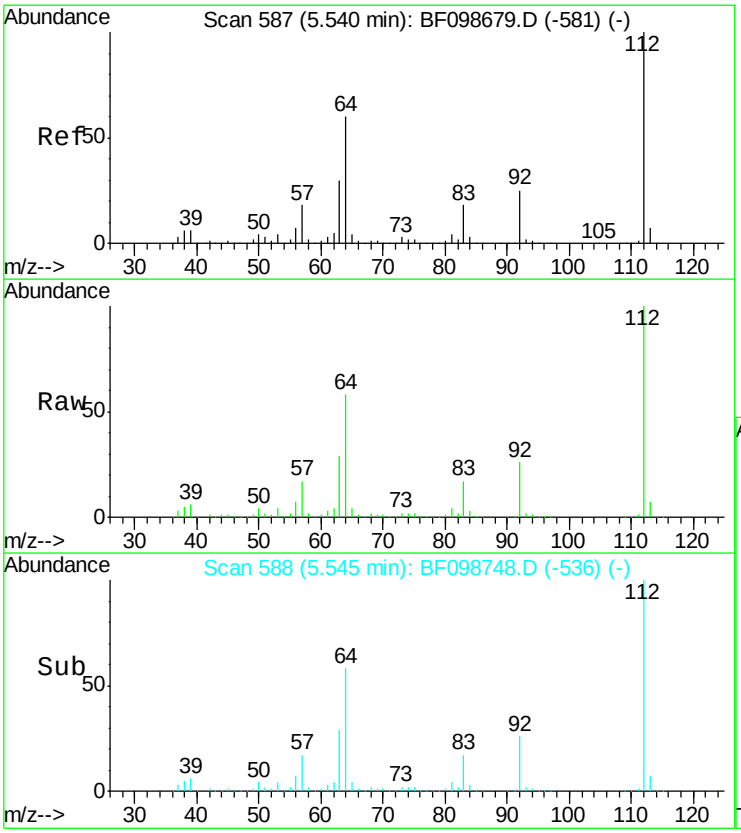
#4
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.62 min Scan# 261
Delta R.T. 0.14 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 42 Resp: 113

Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	238.2	6.9	10.3#

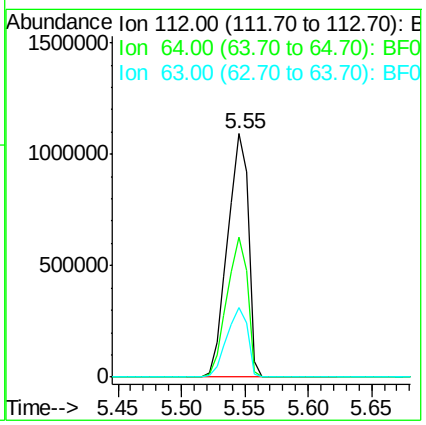


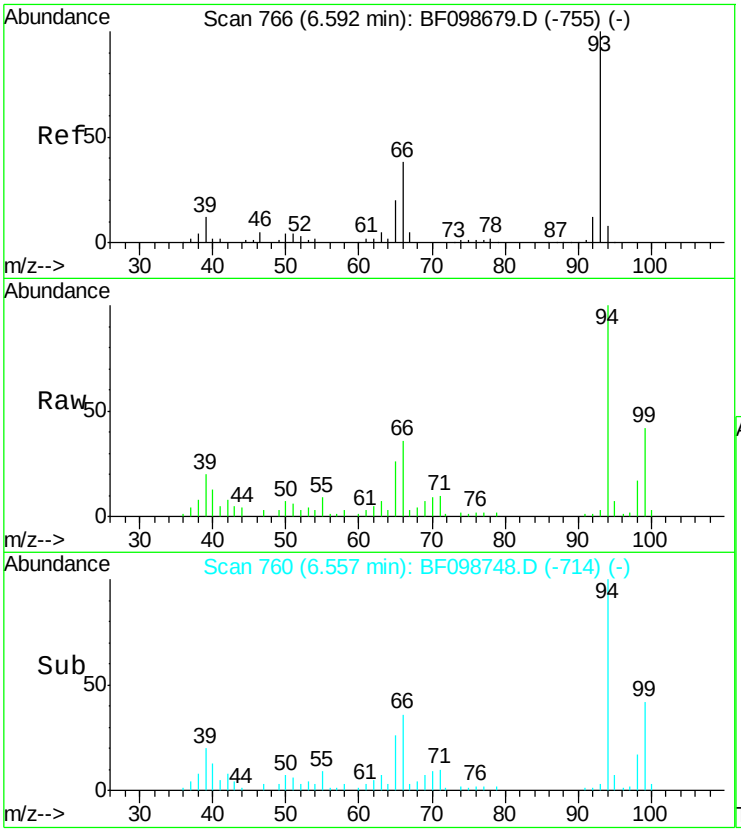


#5
2-Fluorophenol
Concen: 130.06 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:112 Resp: 1235678

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	28.8	23.7	35.5



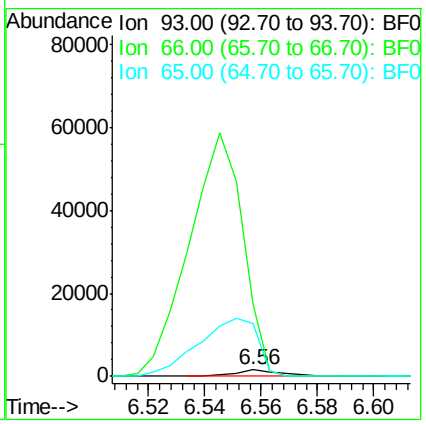


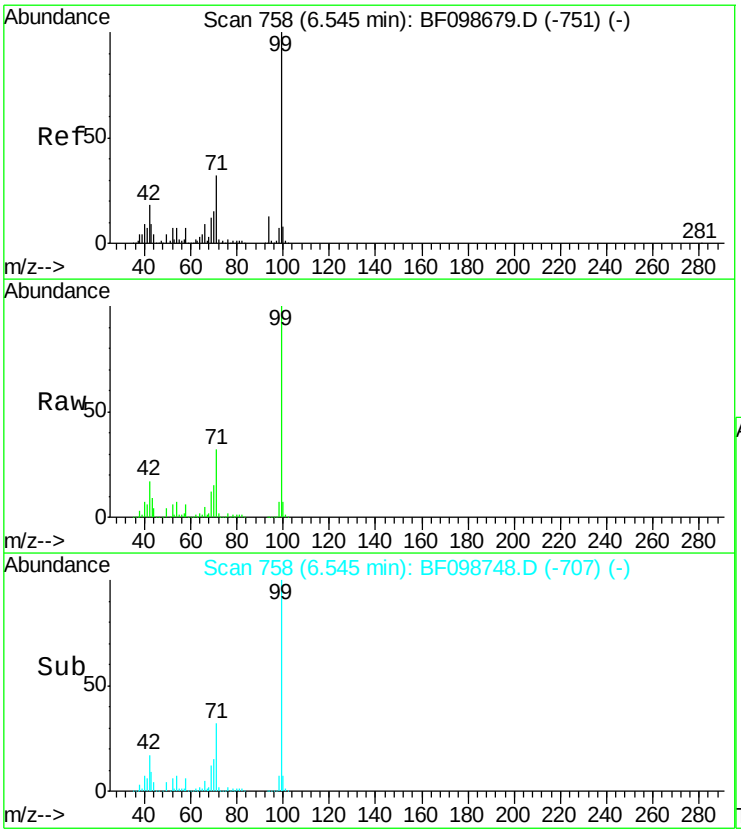
#6
Aniline
Concen: 0.11 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 1694

Ion	Ratio	Lower	Upper
93	100		
66	1160.9	32.2	48.2#
65	845.2	16.4	24.6#

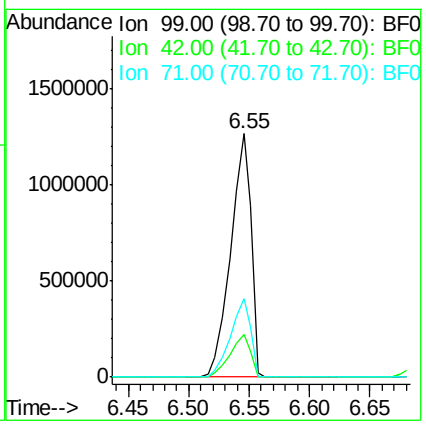


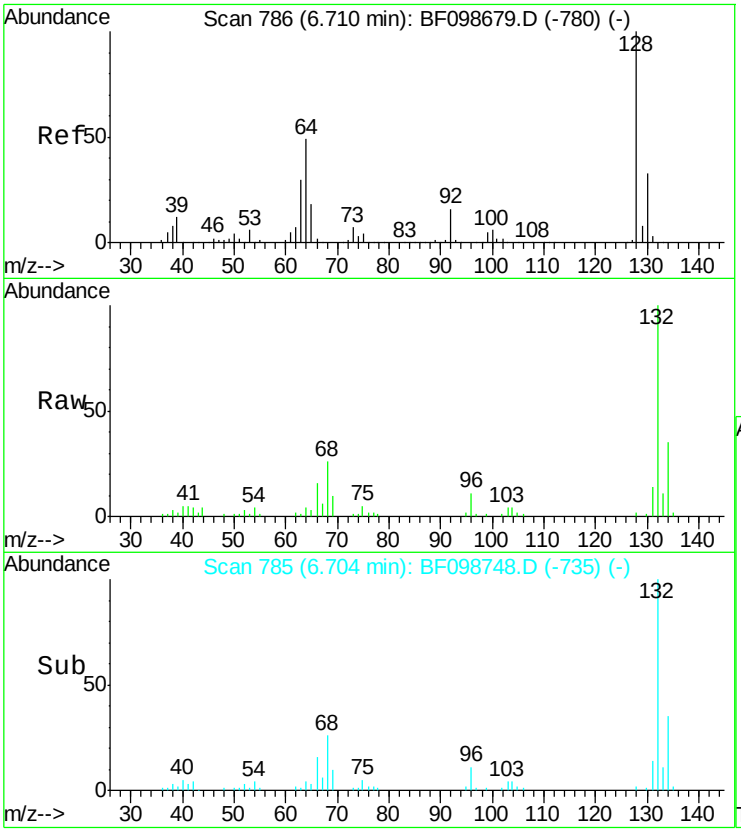


#7
Phenol-d6
Concen: 126.57 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion: 99 Resp: 1483455

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.5	21.7
71	32.0	25.4	38.0



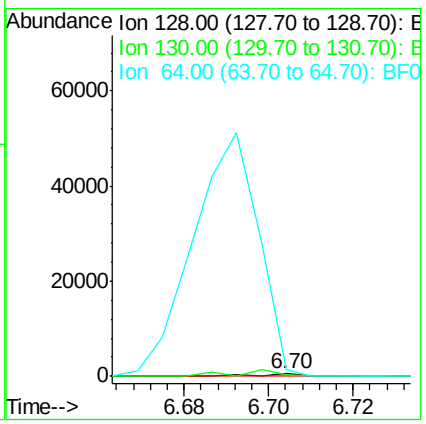


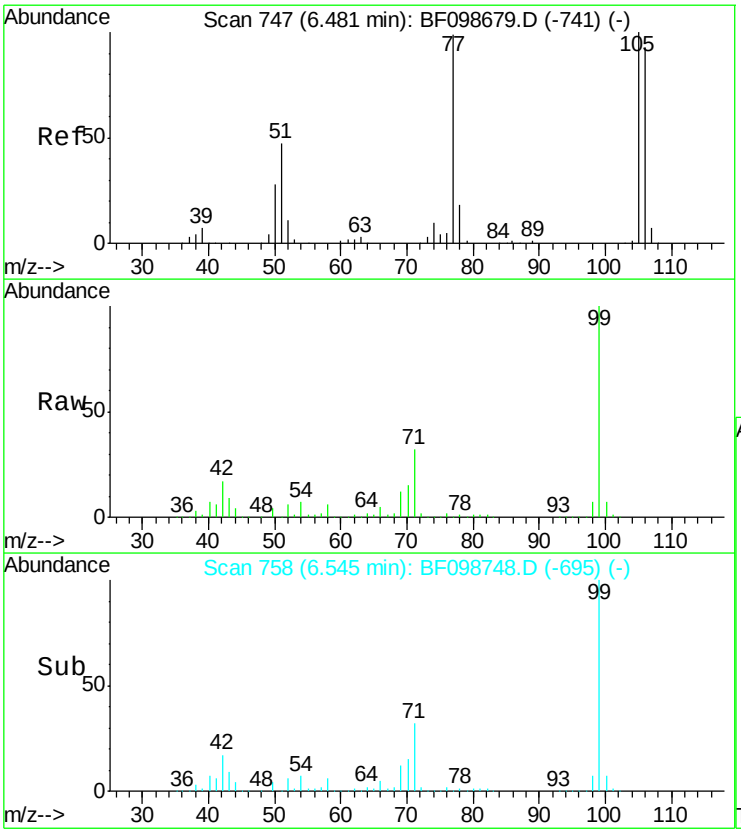
#8
2-Chlorophenol
Concen: 0.03 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 322

Ion	Ratio	Lower	Upper
128	100		
130	73.8	13.0	53.0#
64	260.7	29.4	69.4#

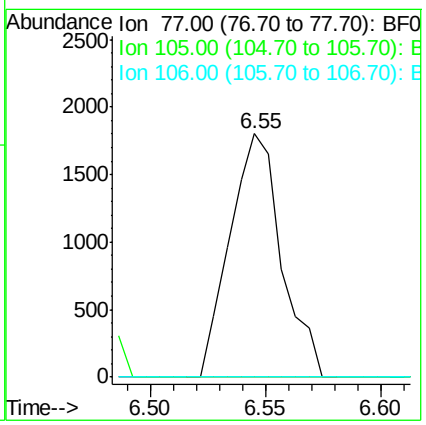


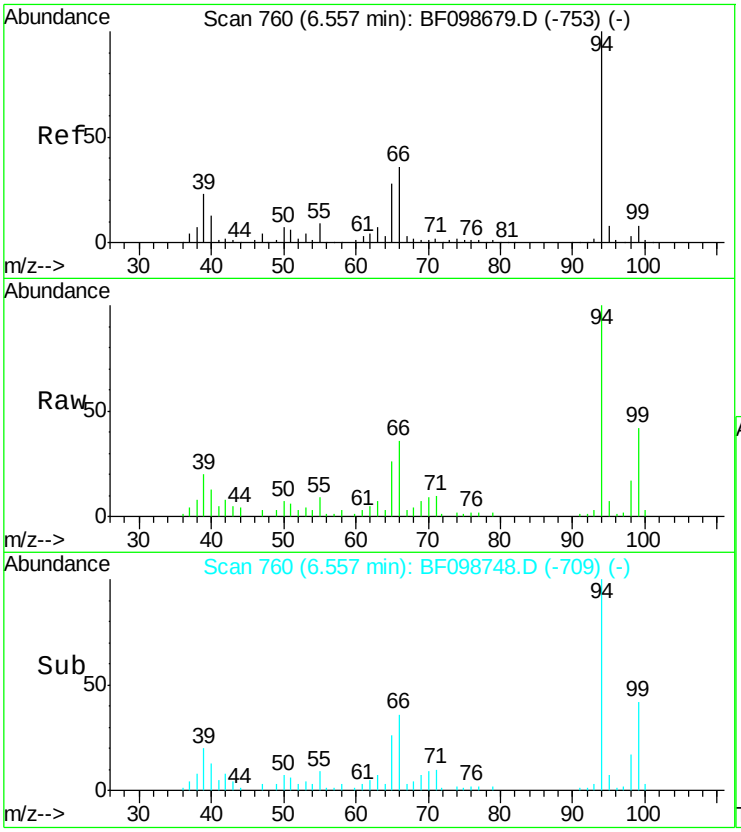


#9
Benzaldehyde
Concen: 0.41 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.07 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion: 77 Resp: 2802

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.1	121.1#
106	0.0	74.5	114.5#



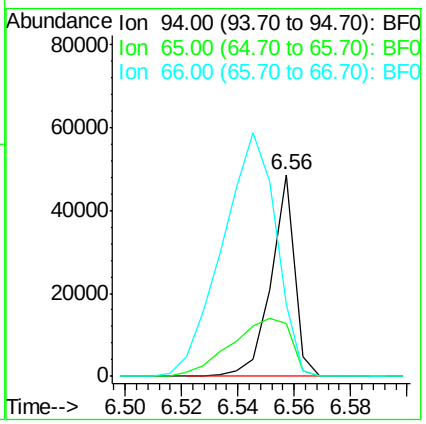


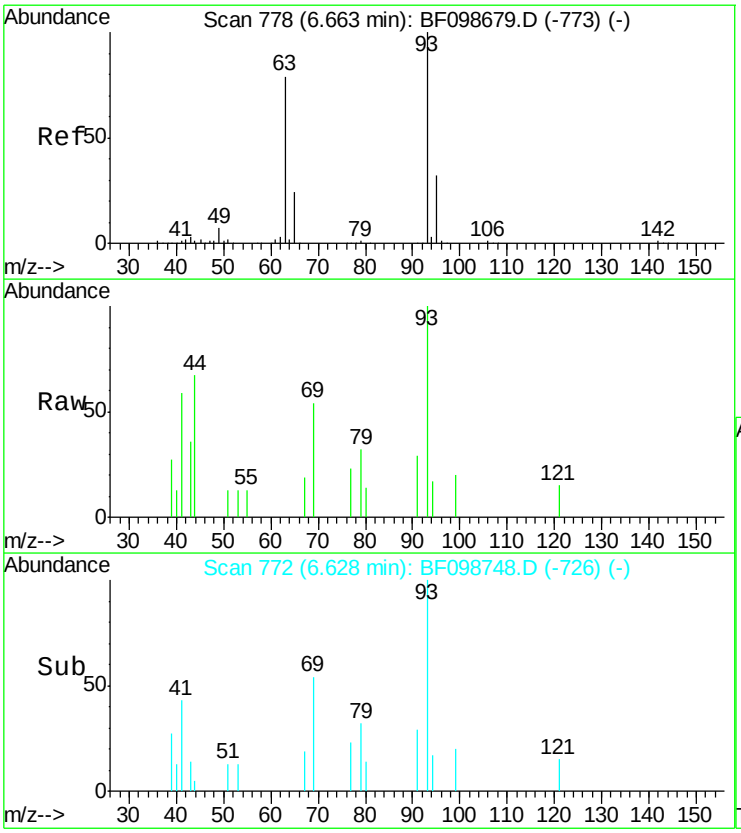
#10
Phenol
Concen: 2.16 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 28346

Ion	Ratio	Lower	Upper
94	100		
65	26.1	7.9	47.9
66	35.9	16.2	56.2

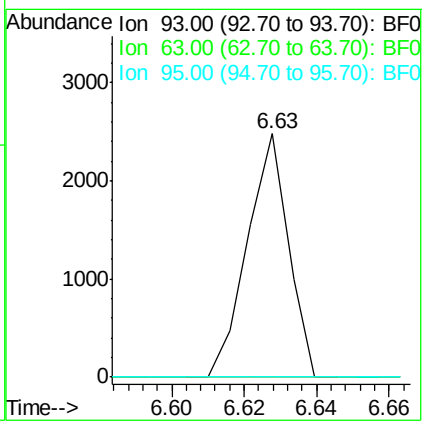


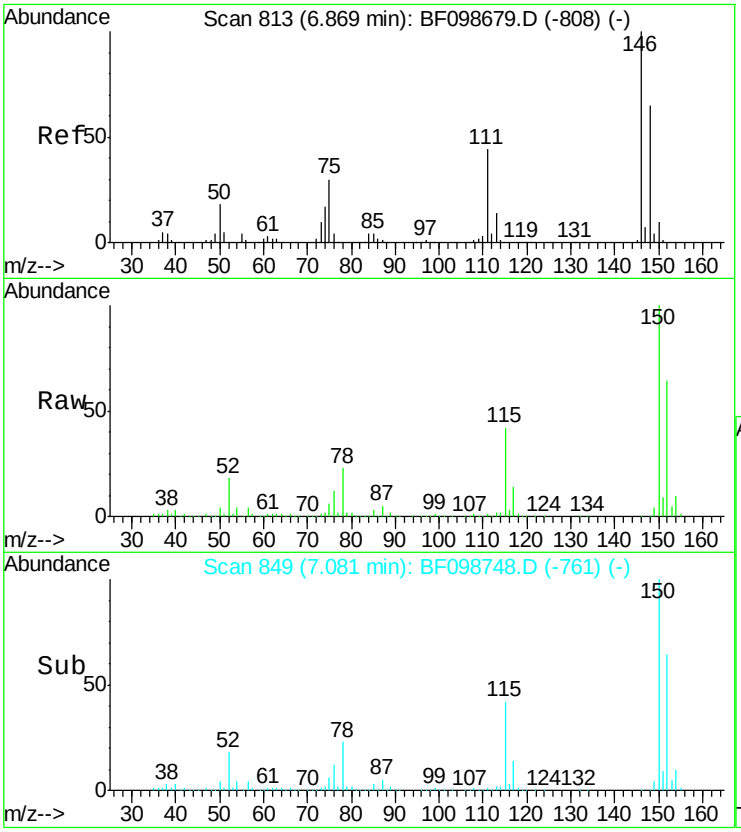


#11
bis(2-Chloroethyl)ether
Concen: 0.19 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion: 93 Resp: 1946

Ion	Ratio	Lower	Upper
93	100		
63	0.0	58.6	98.6#
95	0.0	11.8	51.8#



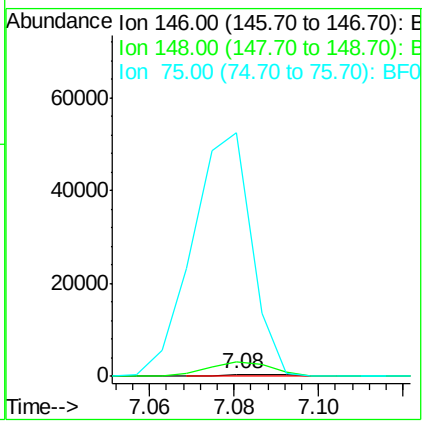


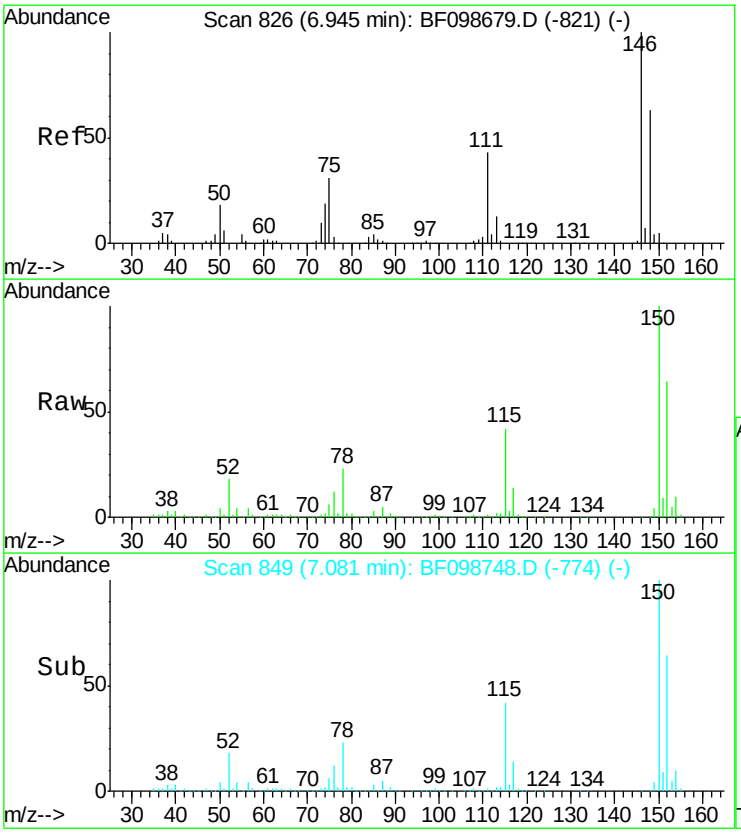
#12
1,3-Dichlorobenzene
Concen: 0.03 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.22 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 363

Ion	Ratio	Lower	Upper
146	100		
148	781.1	51.8	77.8#
75	12886.5	24.2	36.4#

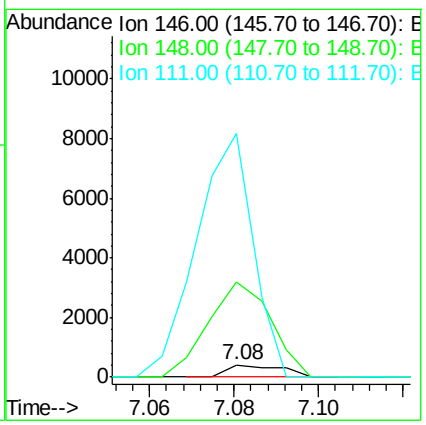


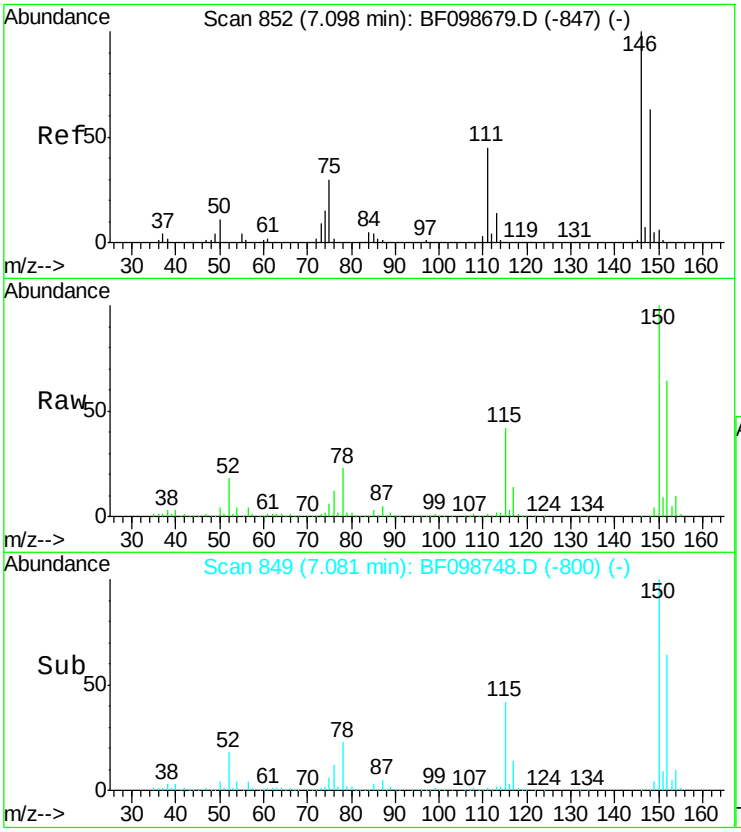


#13
1,4-Dichlorobenzene
Concen: 0.03 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.14 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:146 Resp: 363

Ion	Ratio	Lower	Upper
146	100		
148	781.1	50.8	76.2#
111	2006.4	34.2	51.2#



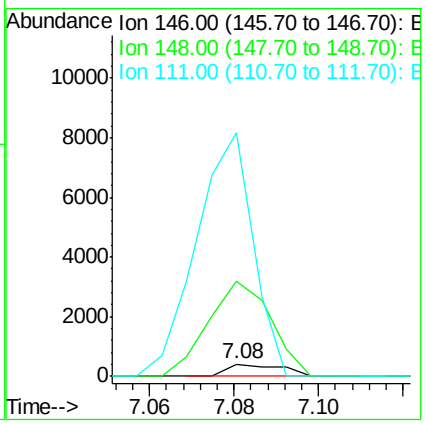


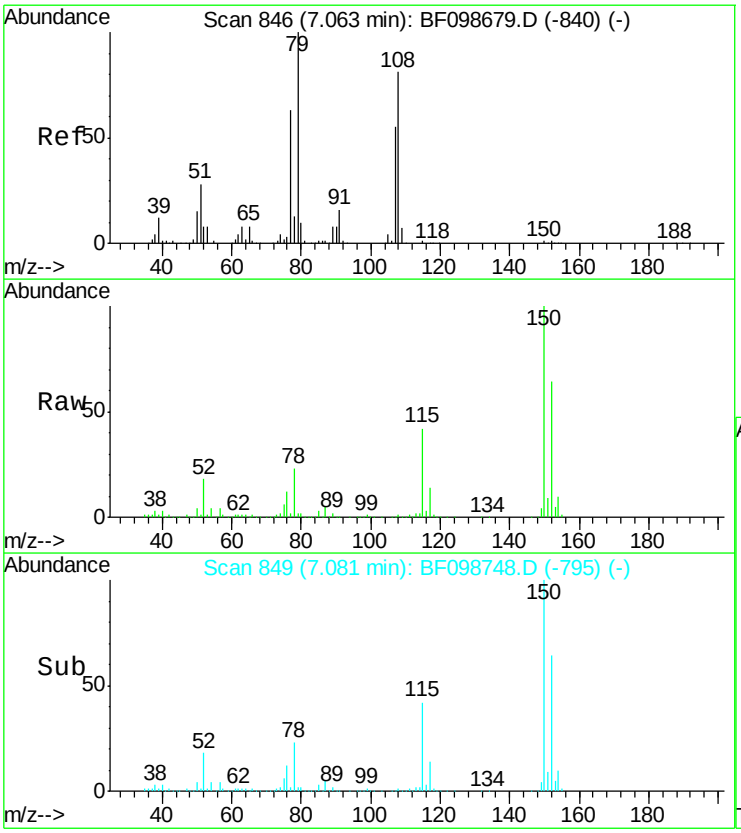
#14
1,2-Dichlorobenzene
Concen: 0.03 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 363

Ion	Ratio	Lower	Upper
146	100		
148	781.1	50.6	75.8#
111	2006.4	36.0	54.0#

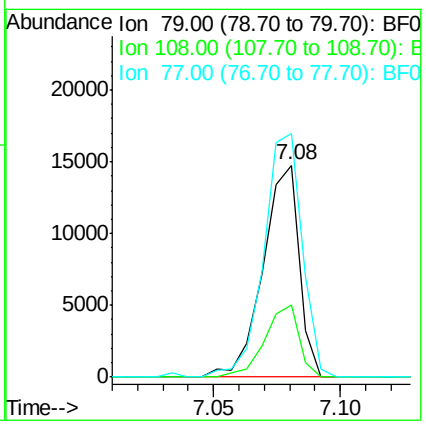


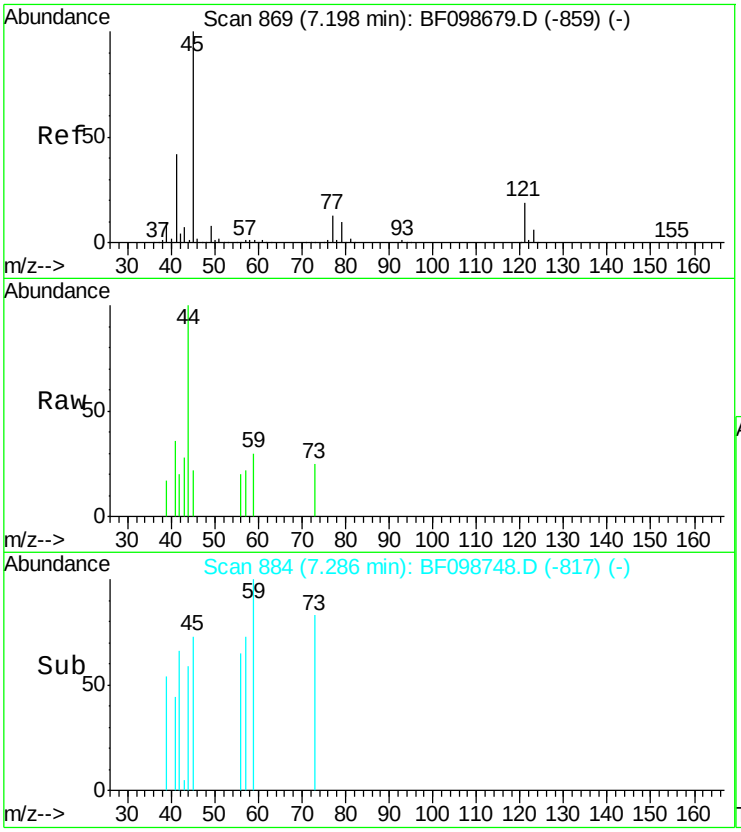


#15
Benzyl Alcohol
Concen: 1.73 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.02 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion: 79 Resp: 14845

Ion	Ratio	Lower	Upper
79	100		
108	33.7	65.1	97.7#
77	114.8	50.6	75.8#



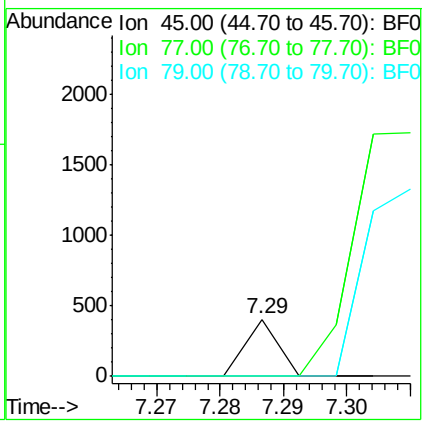


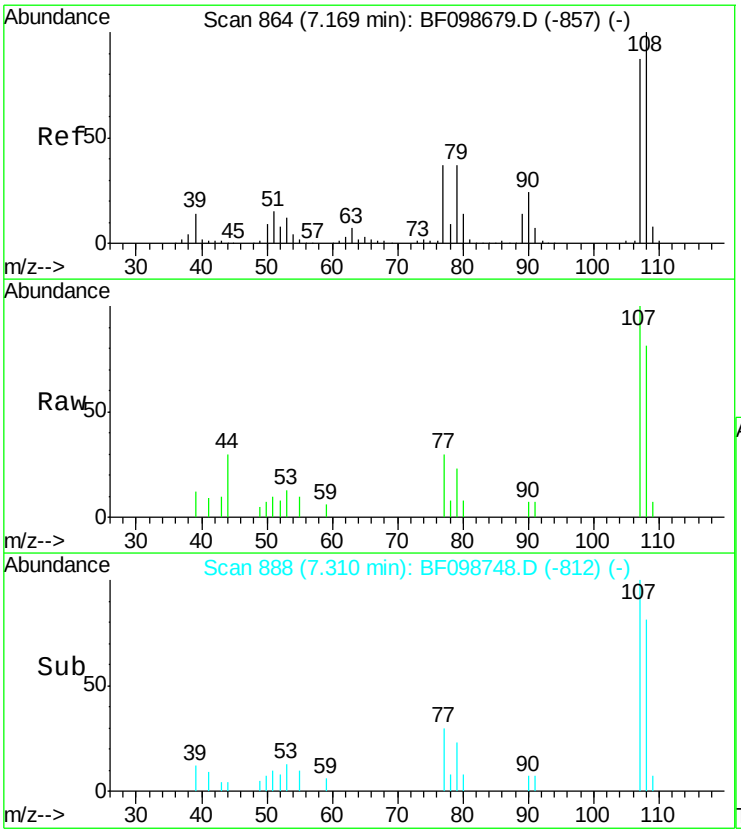
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.01 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.09 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 143

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

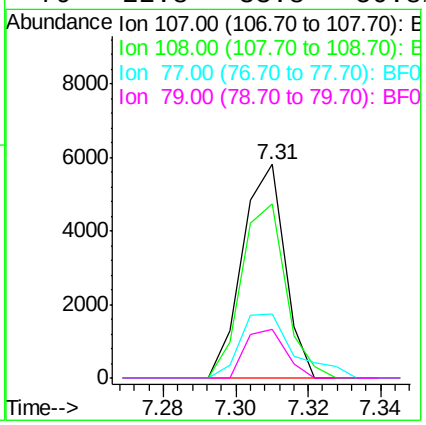


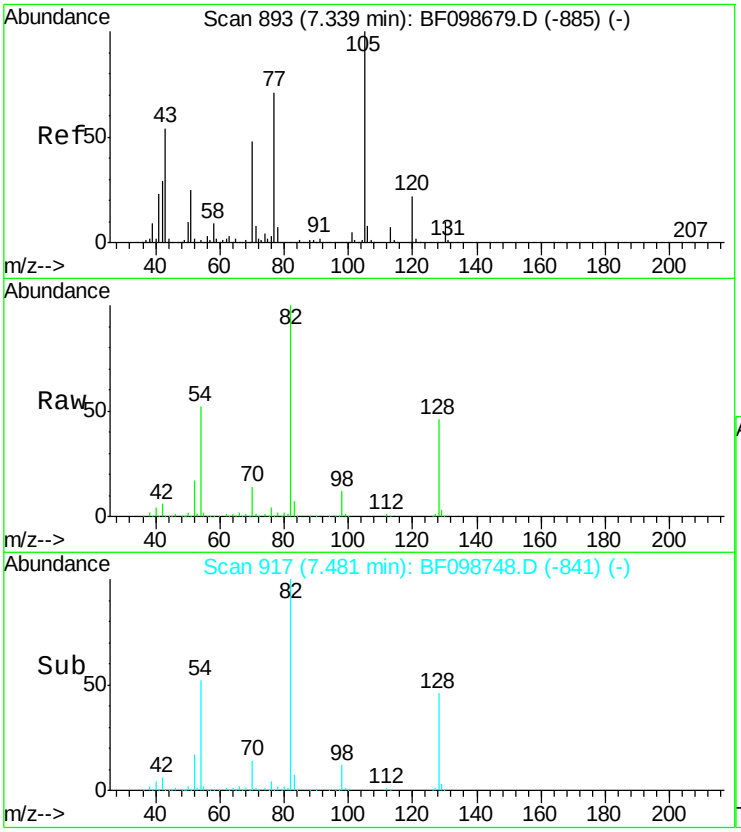


#17
2-Methylphenol
Concen: 0.54 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:107 Resp: 4712

Ion	Ratio	Lower	Upper
107	100		
108	81.3	91.7	137.5#
77	29.7	33.8	50.8#
79	22.8	33.8	50.8#



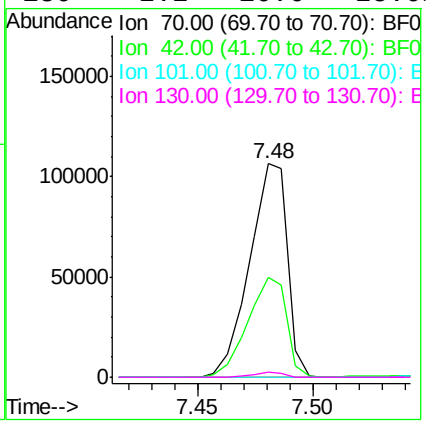


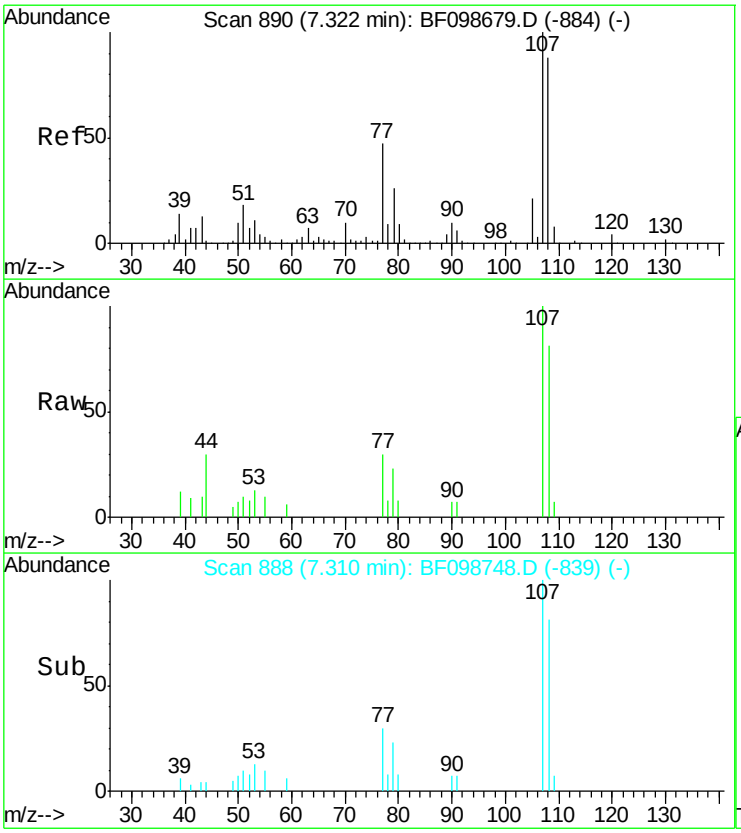
#19
n-Nitroso-di-n-propylamine
Concen: 16.26 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.15 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 121651

Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

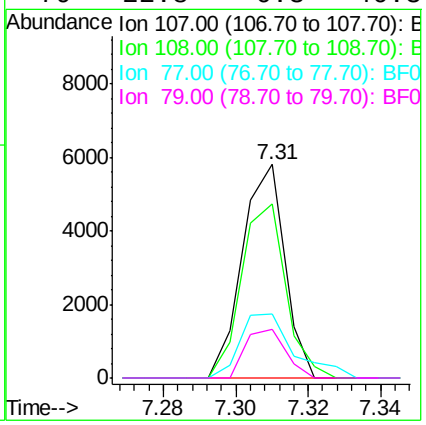


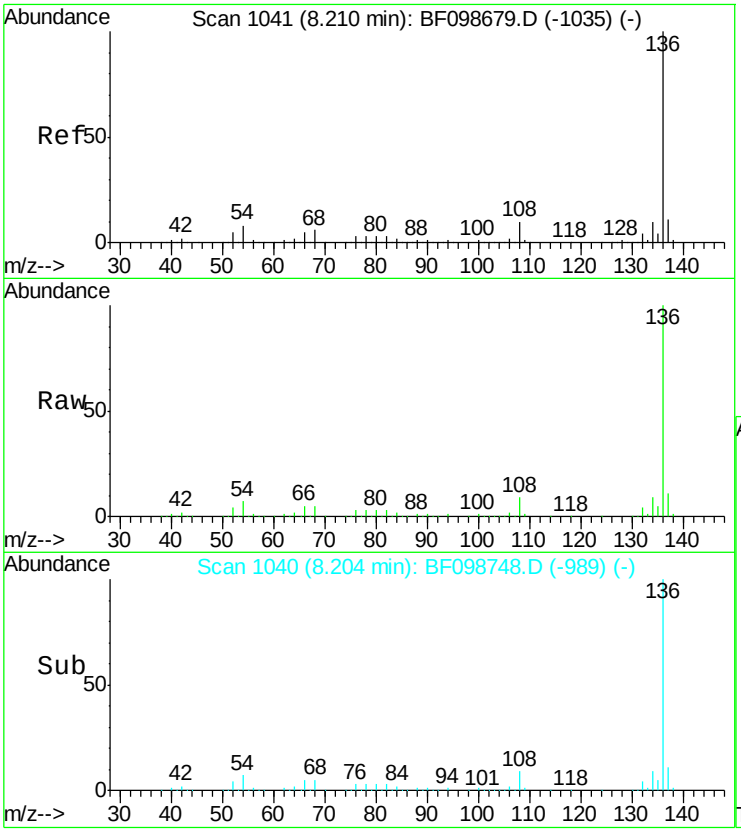


#20
3+4-Methylphenols
Concen: 0.42 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:107 Resp: 4712

Ion	Ratio	Lower	Upper
107	100		
108	81.3	68.2	108.2
77	29.7	26.7	66.7
79	22.8	6.3	46.3



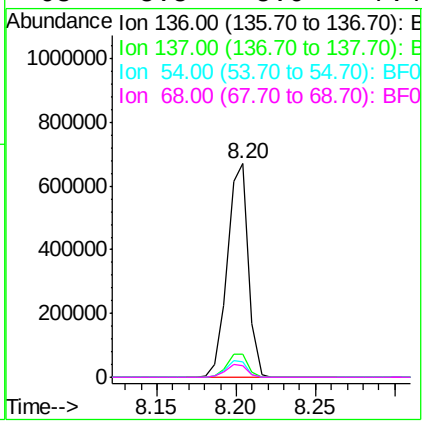


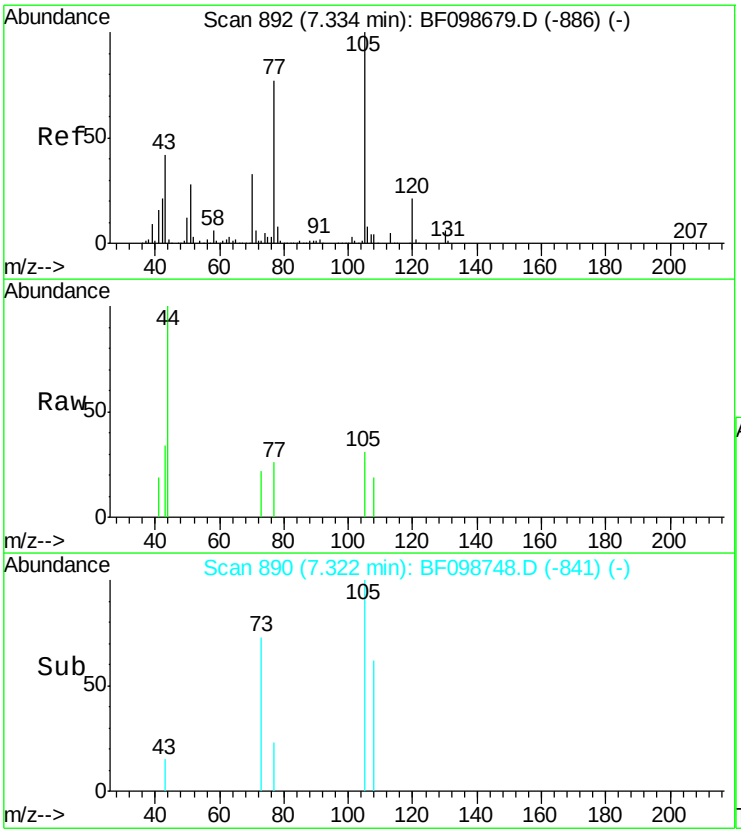
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 611039

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.4	6.6	9.8
68	5.5	5.0	7.4

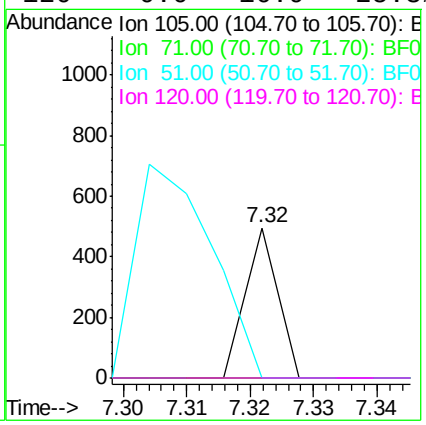


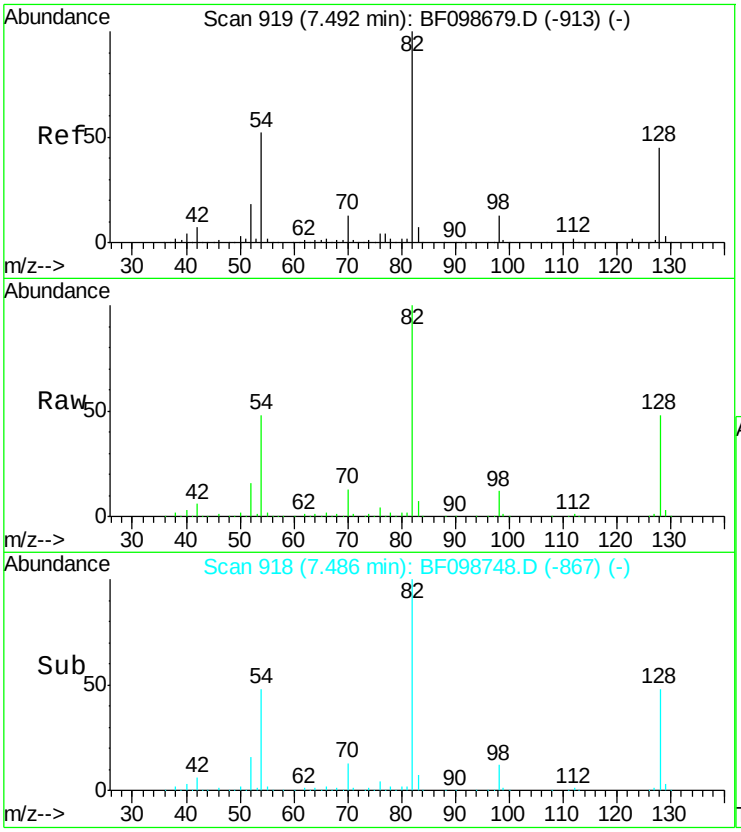


#22
Acetophenone
Concen: 0.01 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:105 Resp: 175

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



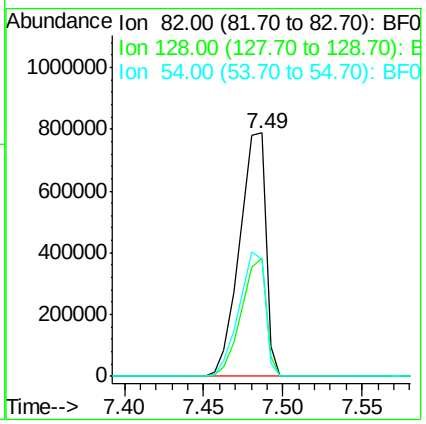


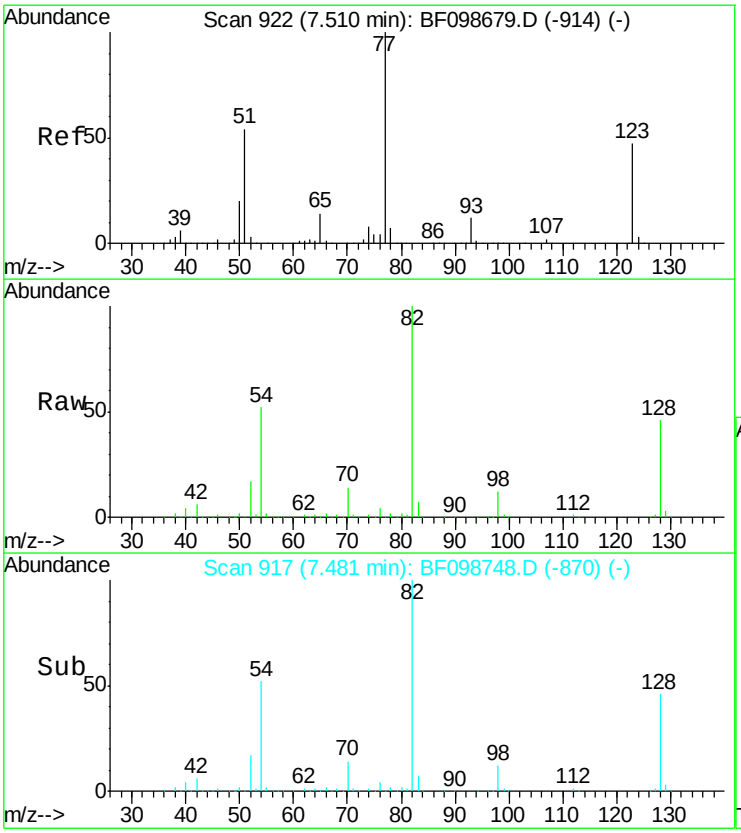
#23
Nitrobenzene-d5
Concen: 95.05 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 905620

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	48.2	41.4	62.2

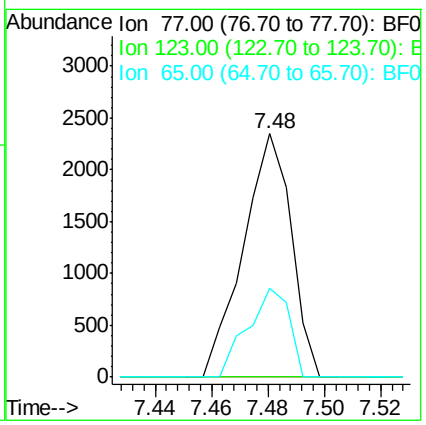


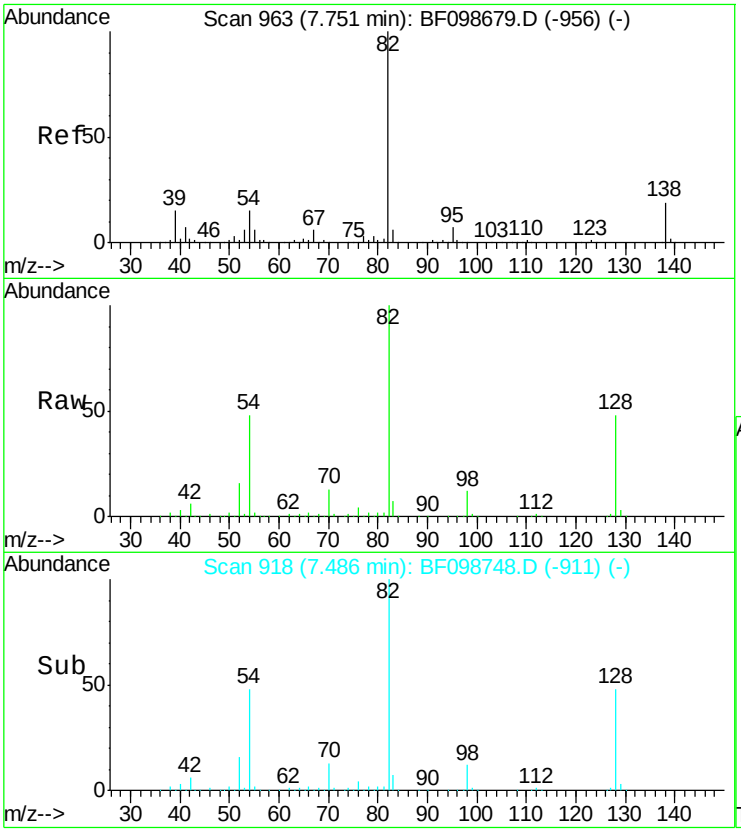


#24
Nitrobenzene
Concen: 0.26 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion: 77 Resp: 2759

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	36.3	11.0	16.4#



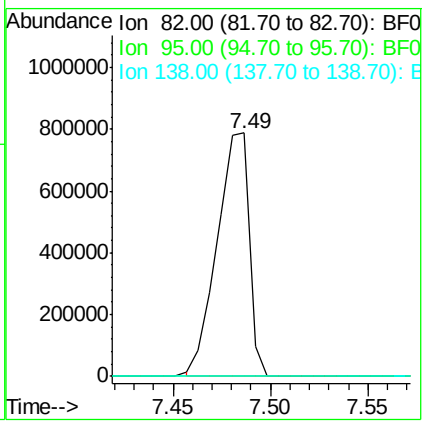


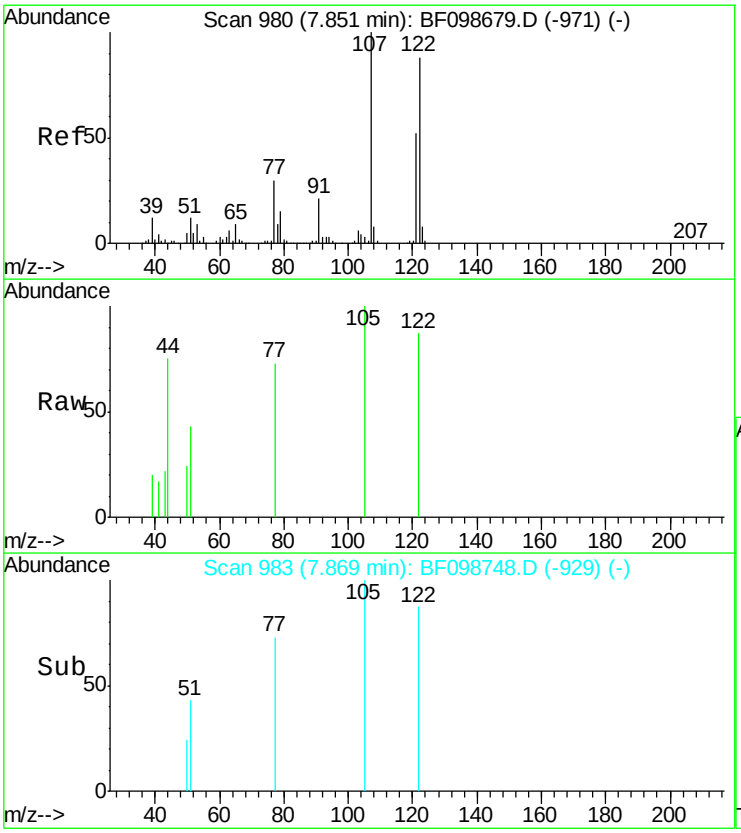
#25
Isophorone
Concen: 45.72 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.26 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 900702

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

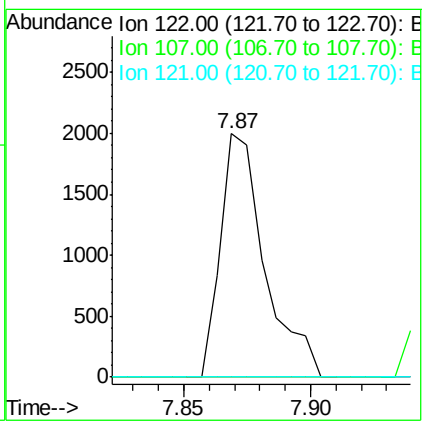


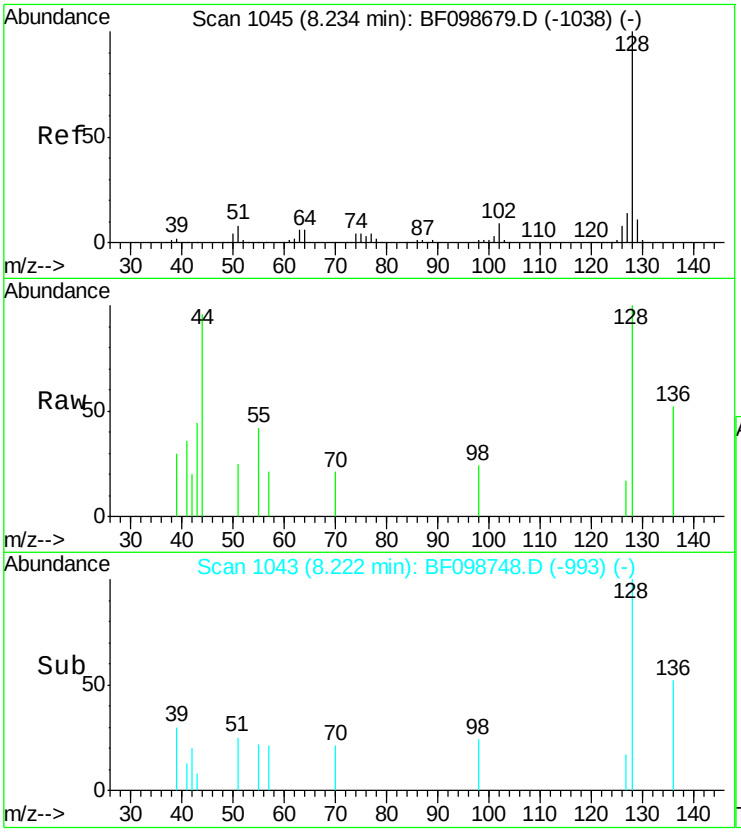


#27
2,4-Dimethylphenol
Concen: 0.25 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.02 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:122 Resp: 2428

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



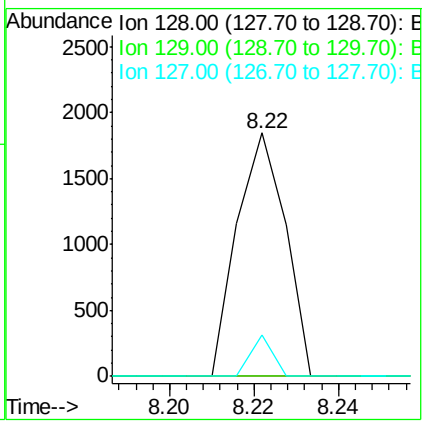


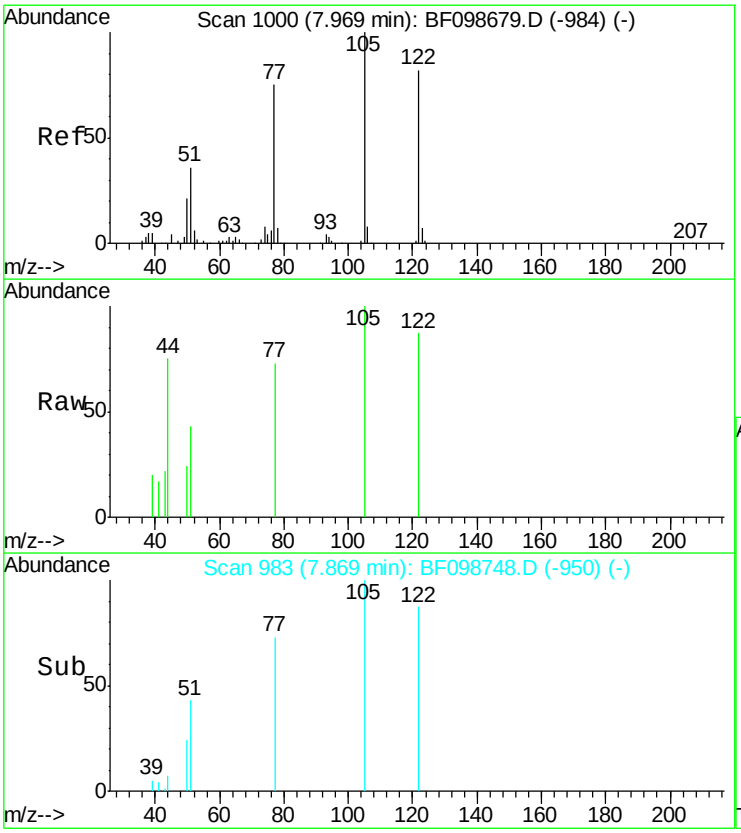
#31
Naphthalene
Concen: 0.05 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1465

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	16.9	10.9	16.3#

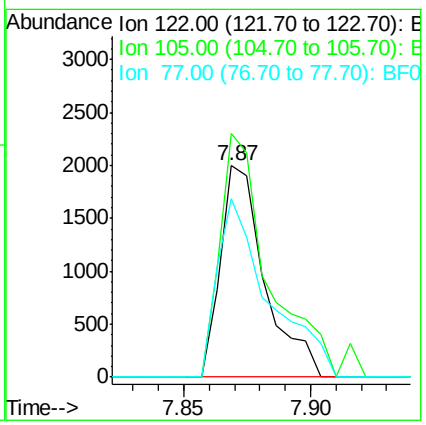


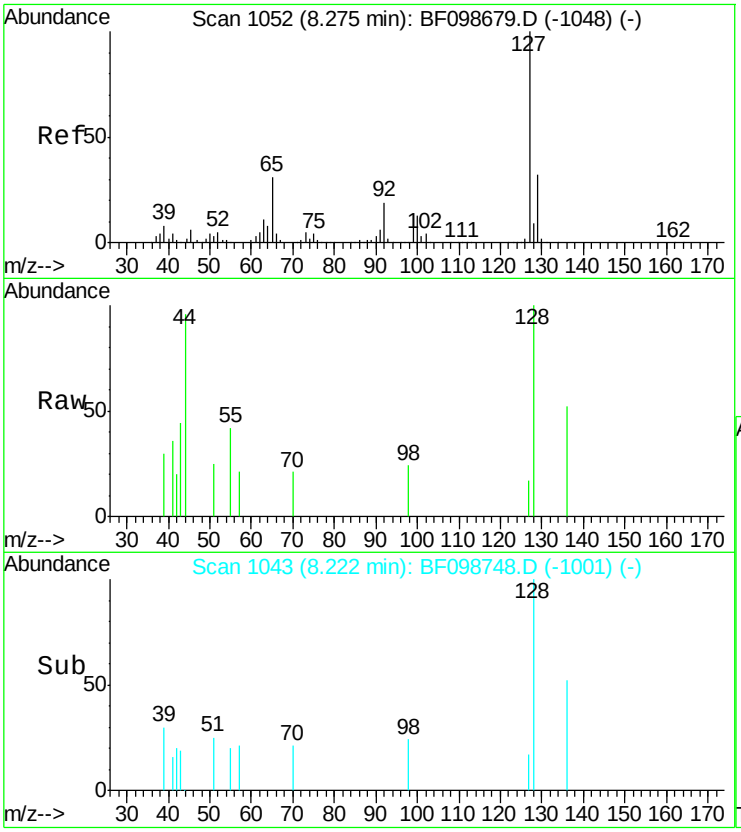


#32
Benzoic acid
Concen: 0.30 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.11 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:122 Resp: 2428

Ion	Ratio	Lower	Upper
122	100		
105	115.1	101.1	141.1
77	84.5	70.7	110.7



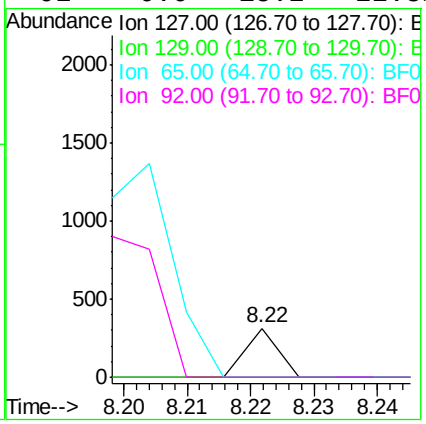


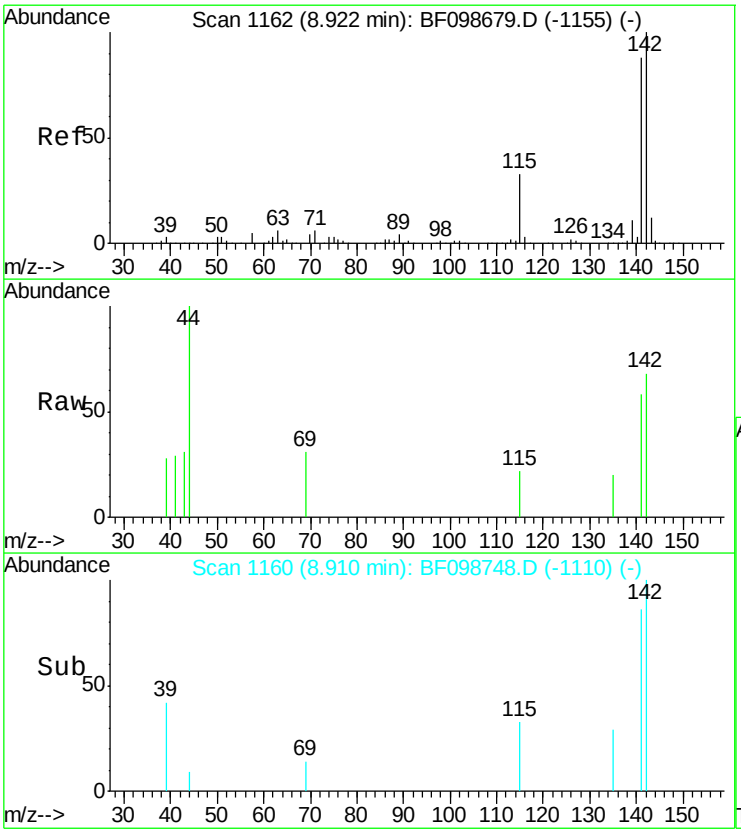
#33
4-Chloroaniline
Concen: 0.01 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 110

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

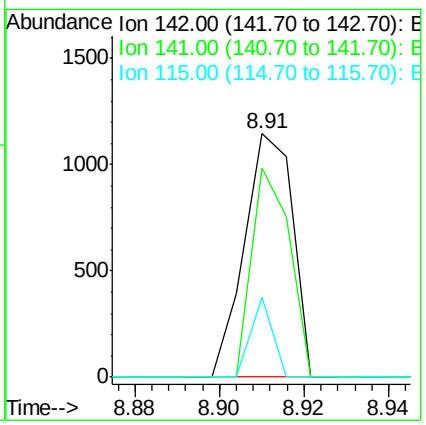


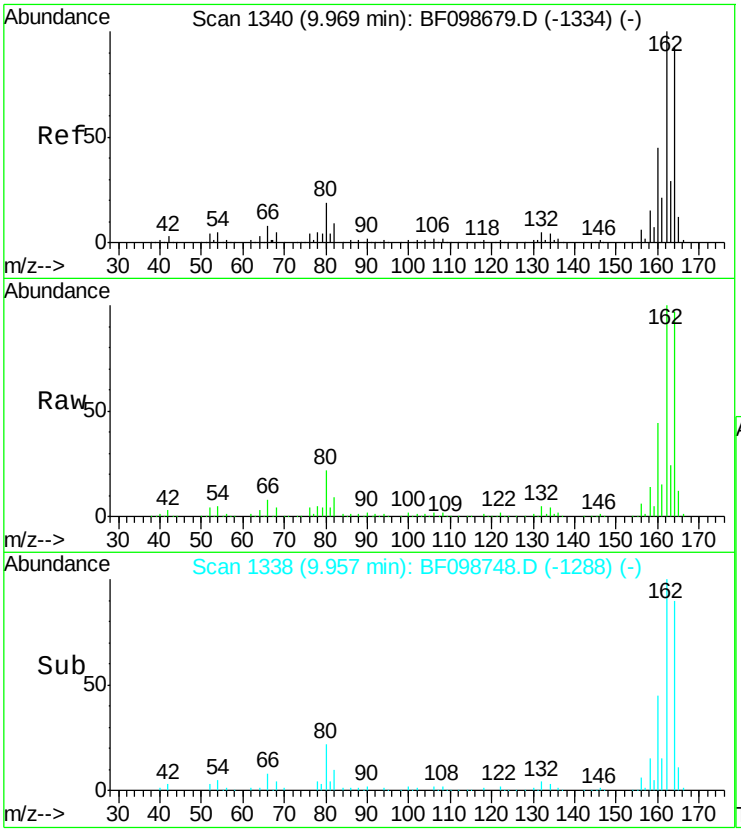


#37
2-Methylnaphthalene
Concen: 0.05 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:142 Resp: 910

Ion	Ratio	Lower	Upper
142	100		
141	85.7	70.8	106.2
115	33.0	26.1	39.1



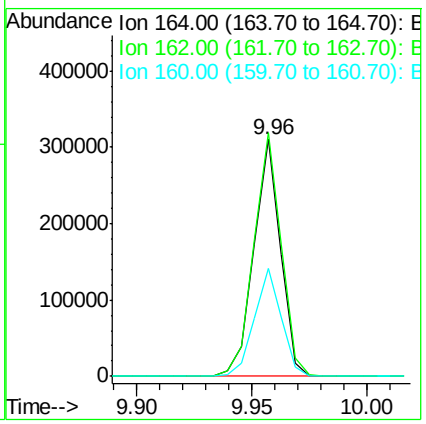


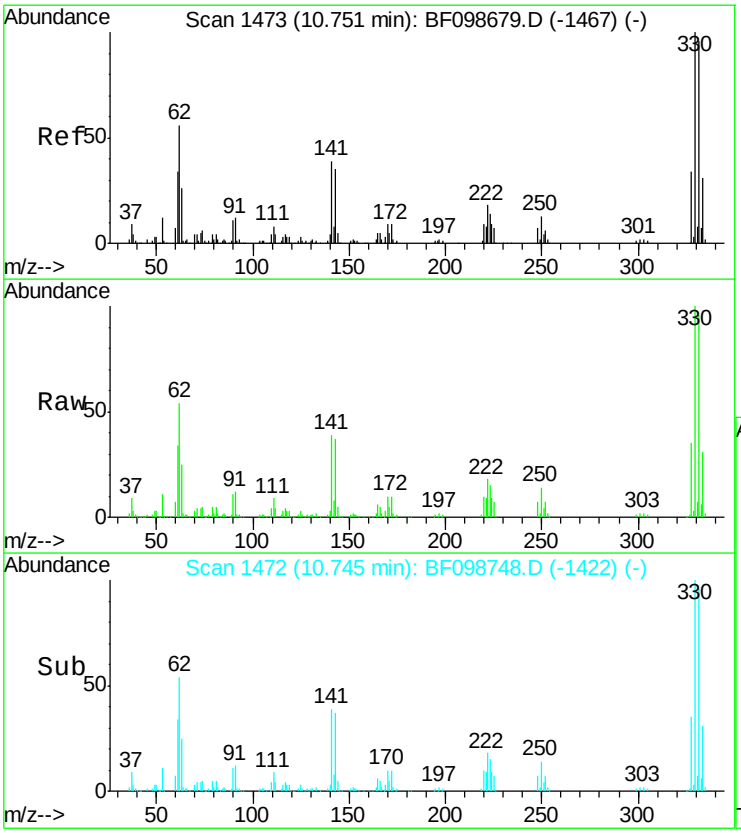
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 249588

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.4	38.3	57.5

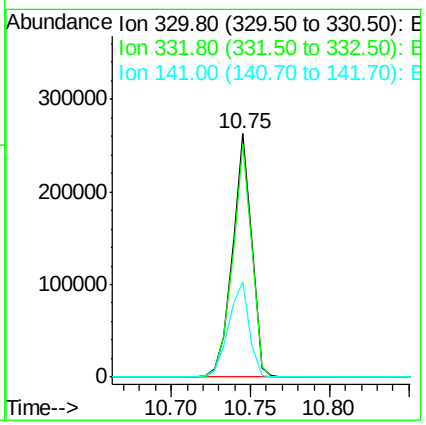


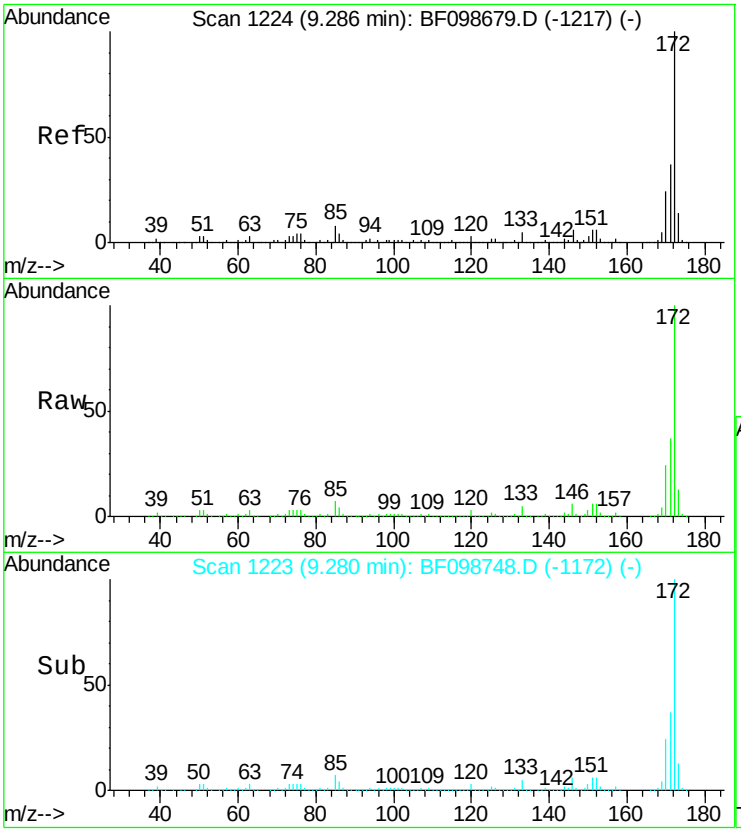


#41
2,4,6-Tribromophenol
Concen: 108.33 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:330 Resp: 221239

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	42.2	29.9	44.9



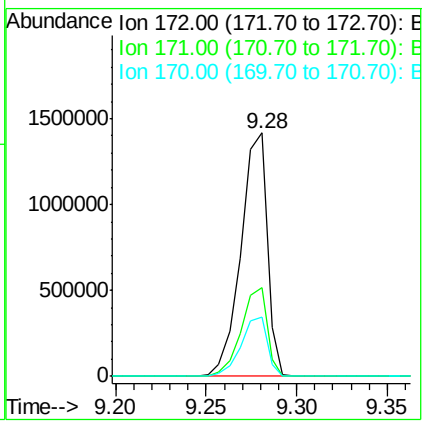


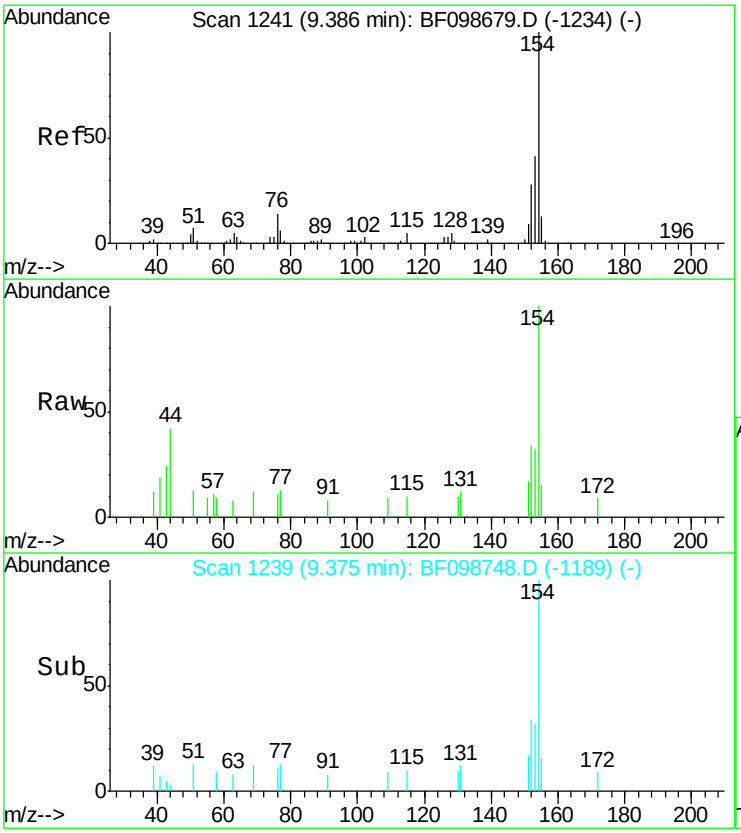
#44
2-Fluorobiphenyl
Concen: 95.88 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1433420

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4

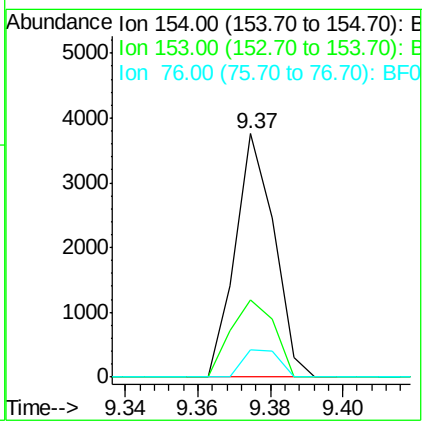


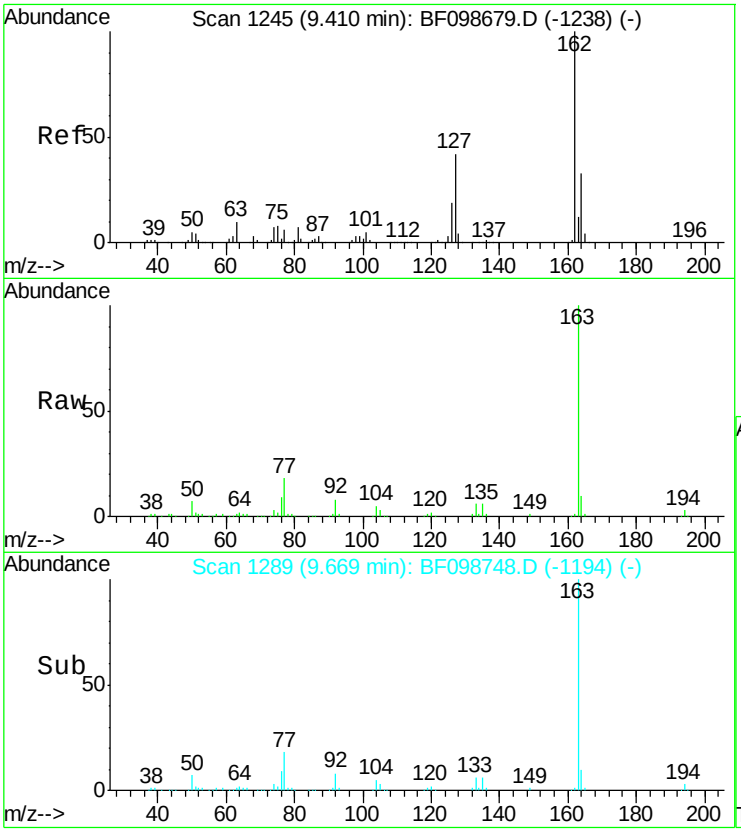


#45
1,1'-Biphenyl
Concen: 0.13 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:154 Resp: 2800

Ion	Ratio	Lower	Upper
154	100		
153	31.9	21.3	61.3
76	11.0	0.0	34.0



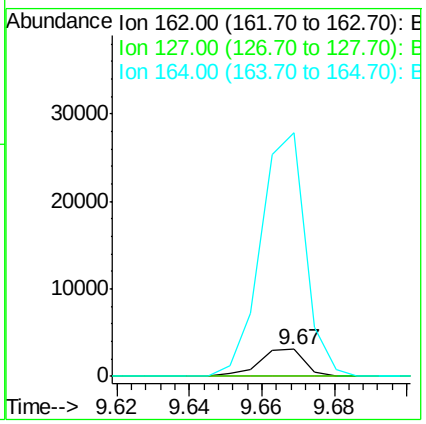


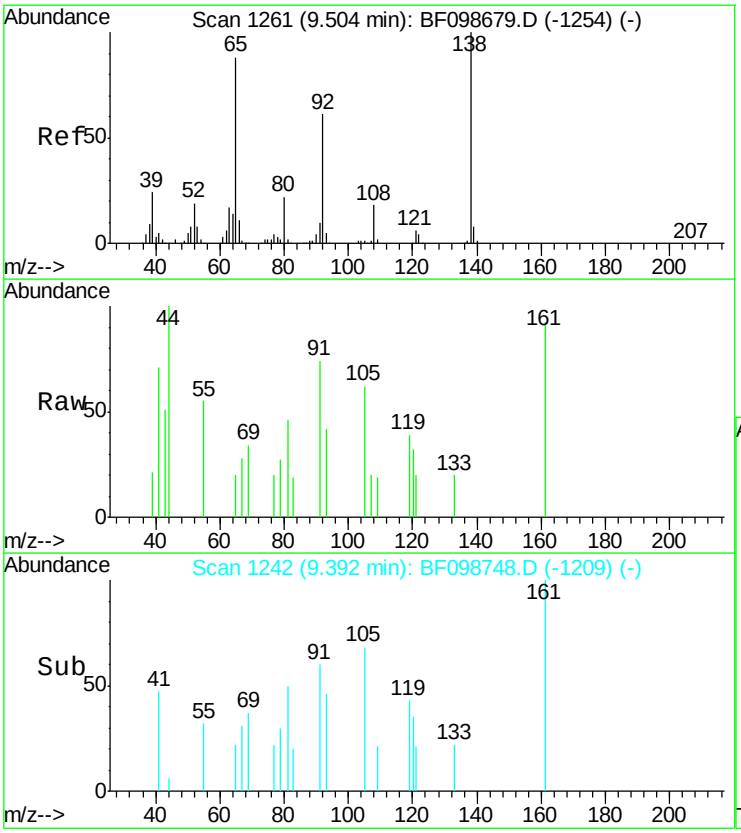
#46
2-Chloronaphthalene
Concen: 0.17 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.26 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 2758

Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.9	50.9#
164	898.0	26.5	39.7#

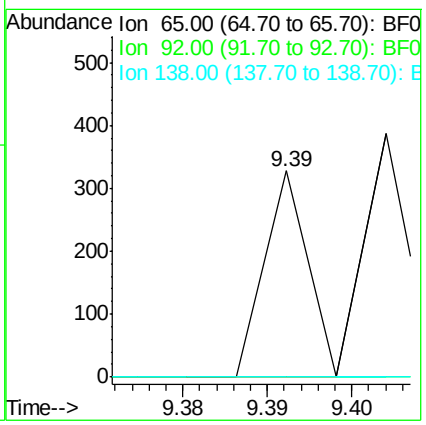


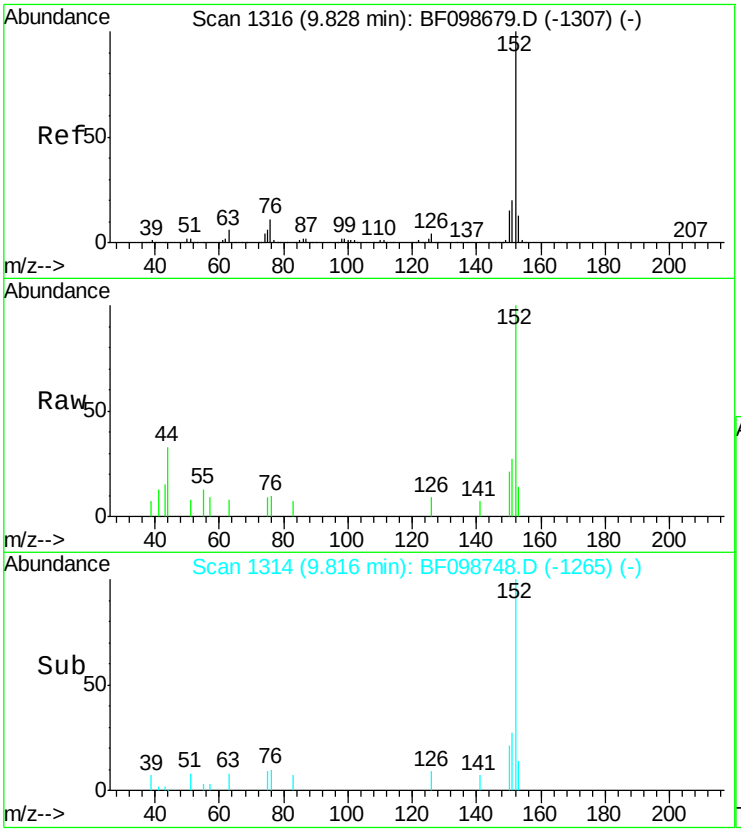


#47
2-Nitroaniline
Concen: 0.02 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.11 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion: 65 Resp: 116

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



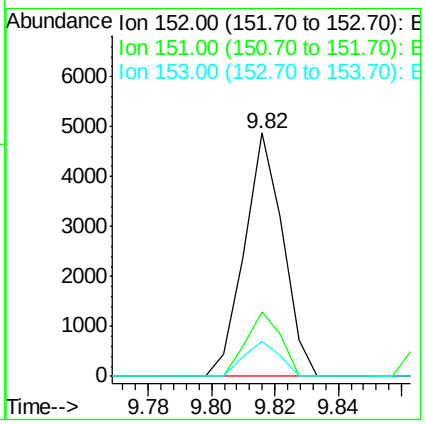


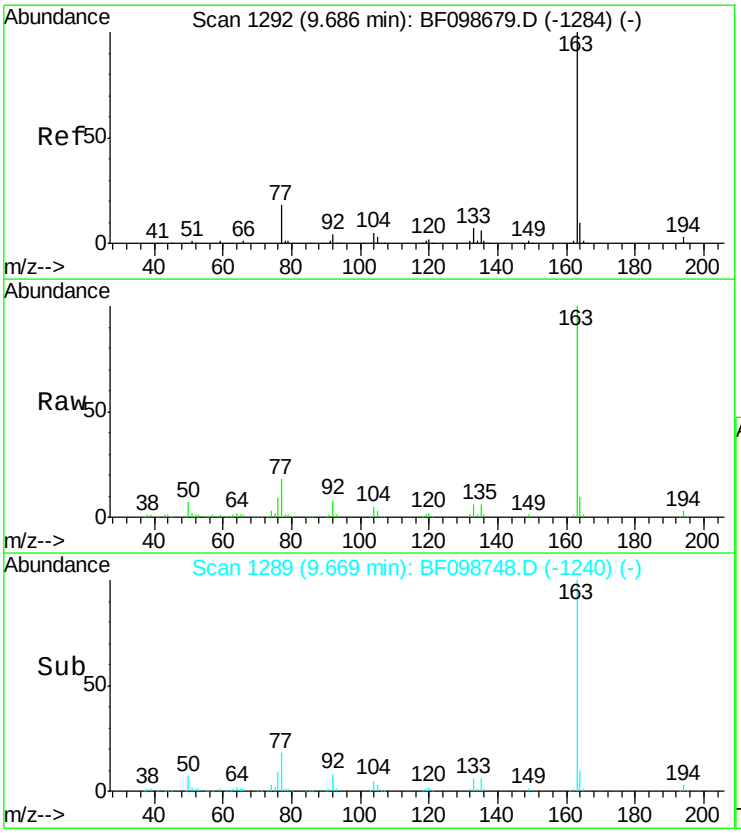
#48
Acenaphthylene
Concen: 0.17 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 4099

Ion	Ratio	Lower	Upper
152	100		
151	26.7	16.3	24.5#
153	14.2	10.7	16.1

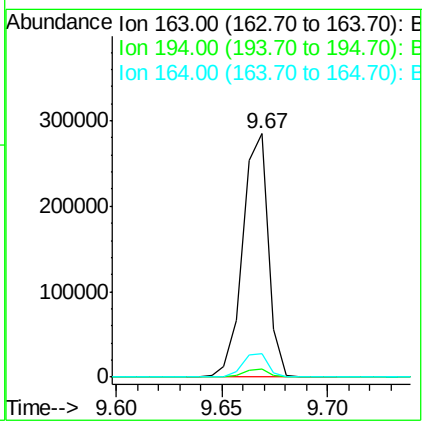


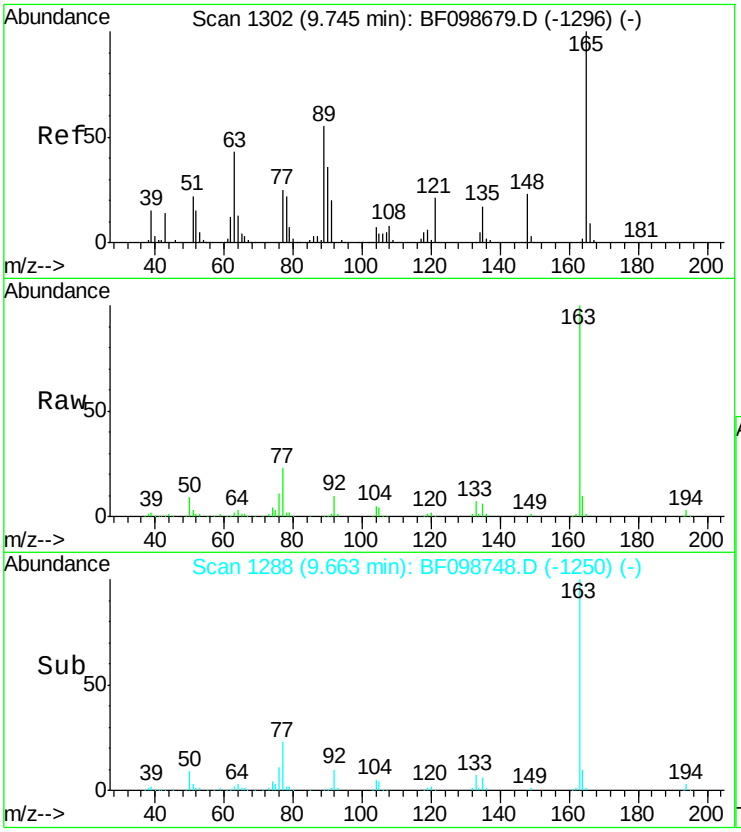


#49
Dimethylphthalate
Concen: 12.69 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:163 Resp: 239141

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.8	8.2	12.2



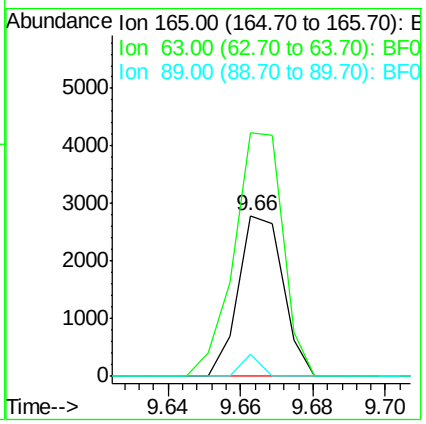


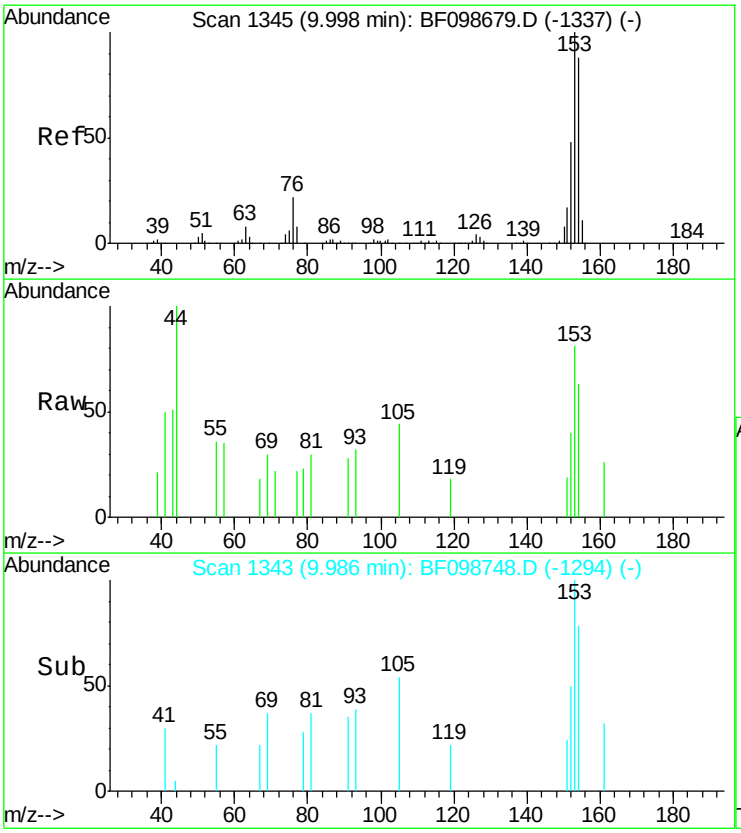
#50
2,6-Dinitrotoluene
Concen: 0.58 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.08 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 2389

Ion	Ratio	Lower	Upper
165	100		
63	151.2	44.7	67.1#
89	13.4	44.0	66.0#

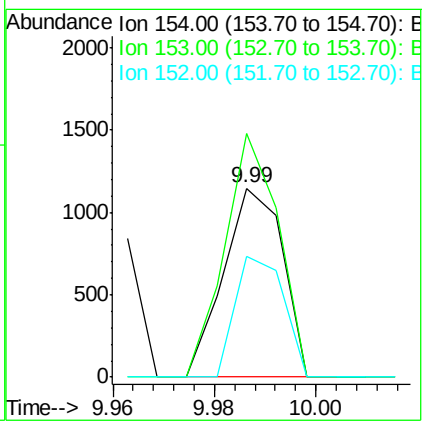


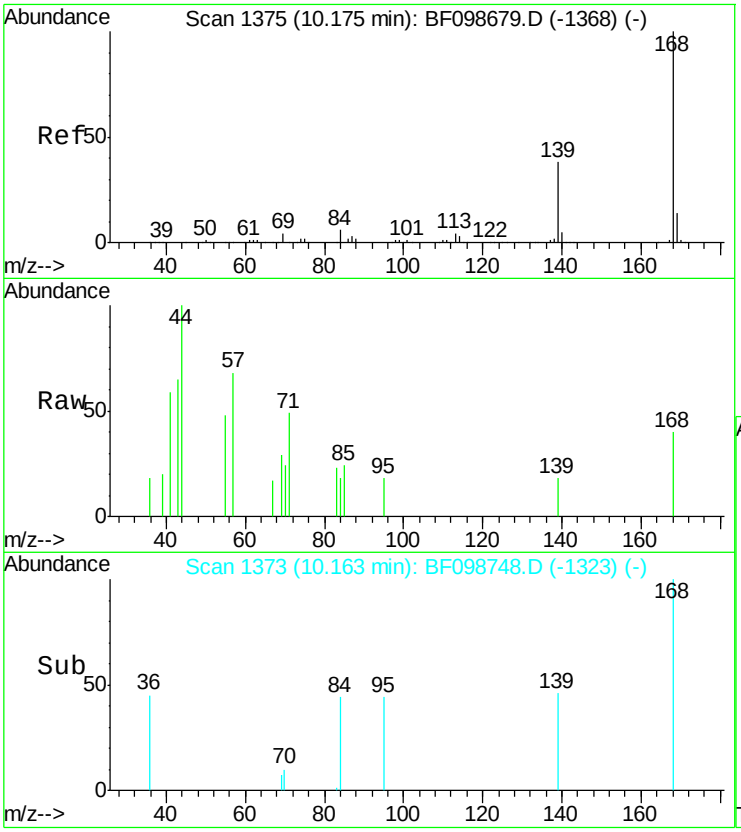


#51
Acenaphthene
Concen: 0.06 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:154 Resp: 924

Ion	Ratio	Lower	Upper
154	100		
153	128.8	91.2	136.8
152	63.9	43.8	65.8



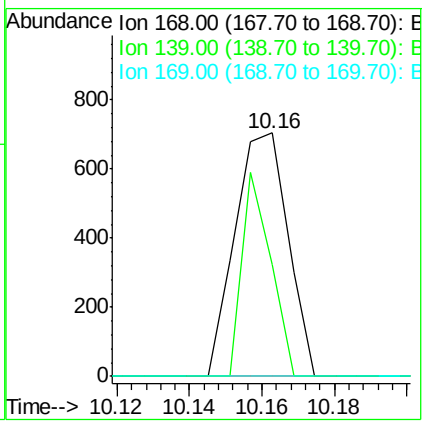


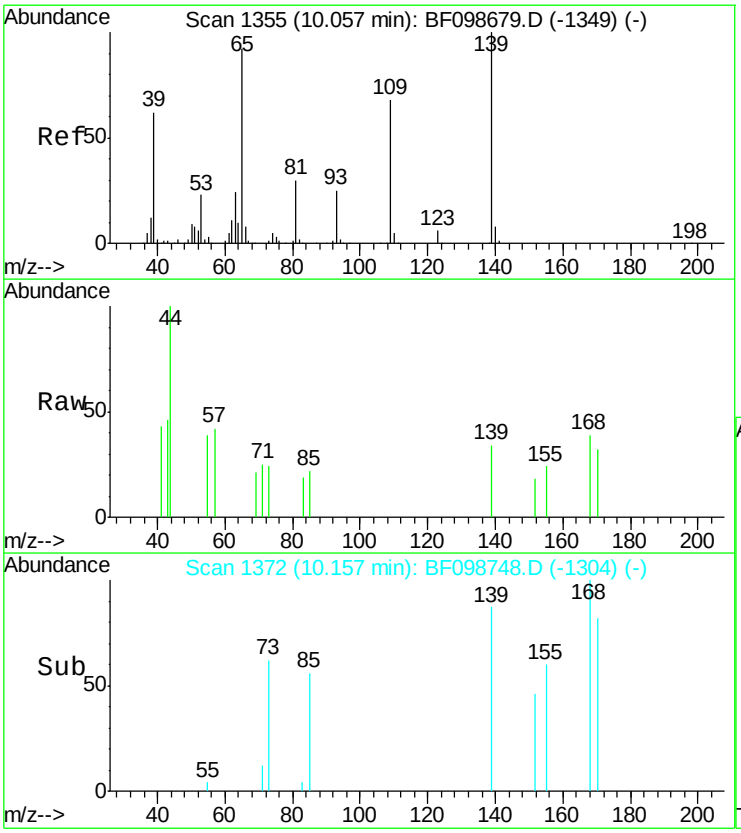
#54
Dibenzofuran
Concen: 0.03 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 713

Ion	Ratio	Lower	Upper
168	100		
139	45.7	30.1	45.1#
169	0.0	10.9	16.3#

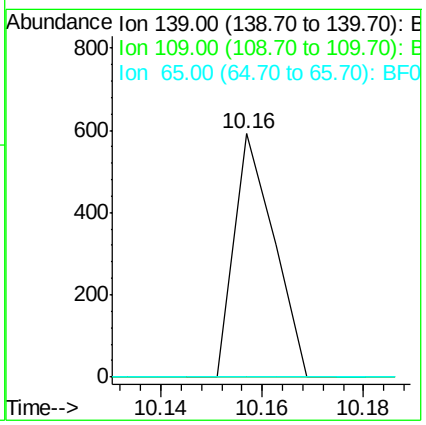


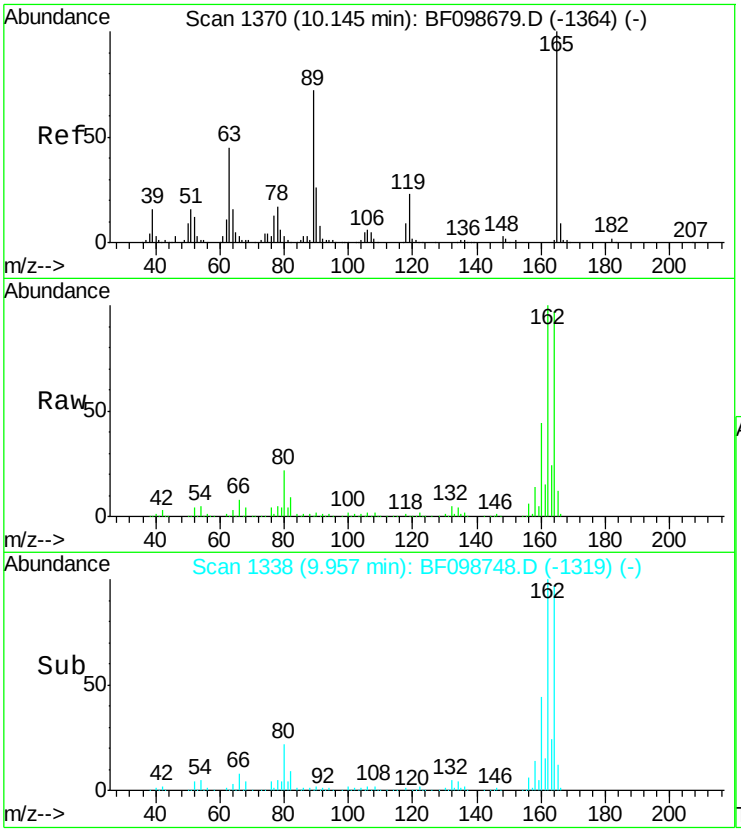


#55
4-Nitrophenol
Concen: 0.08 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.10 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:139 Resp: 323

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



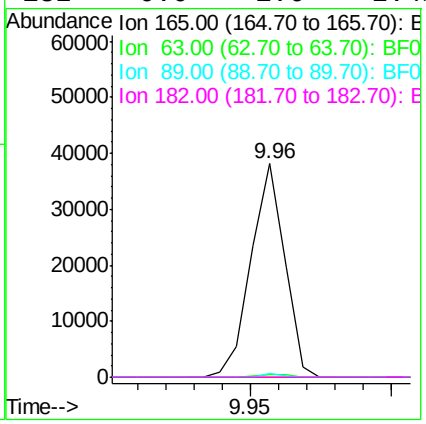


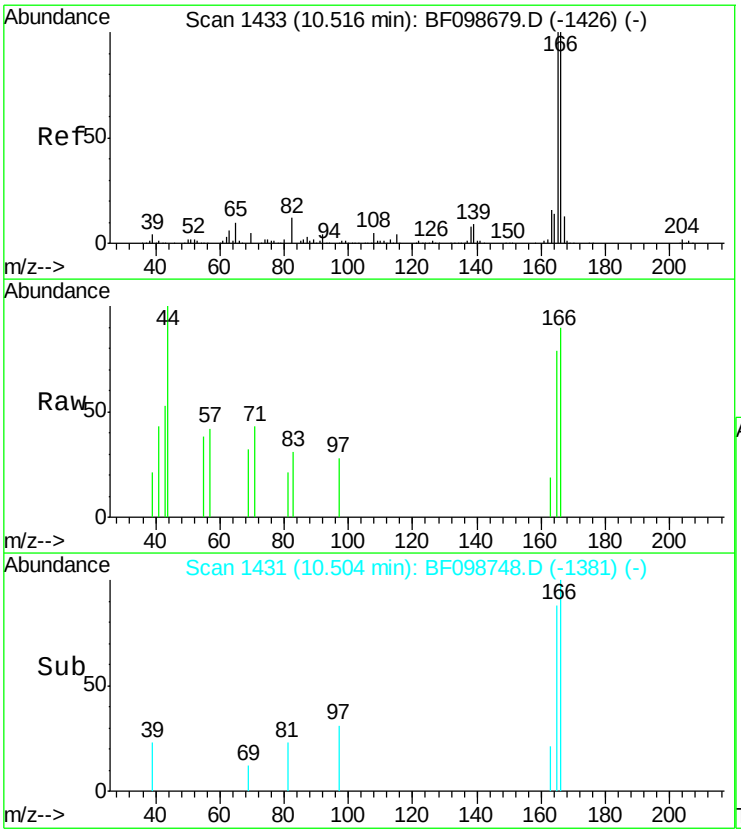
#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.19 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31670

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

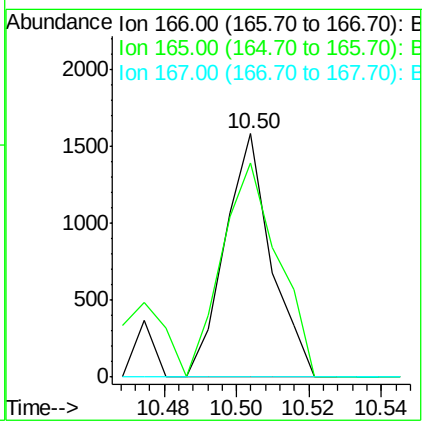


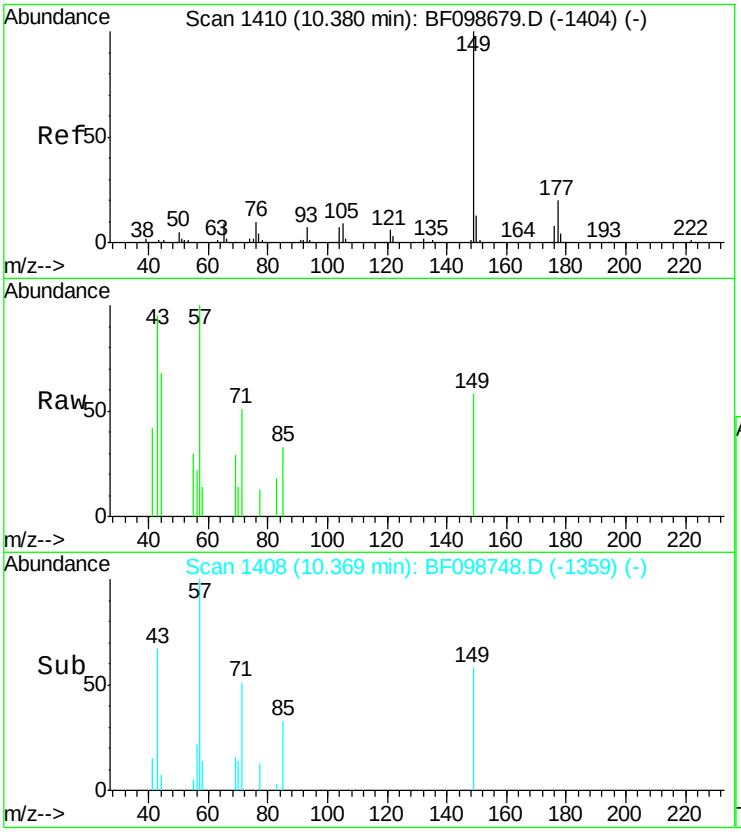


#57
Fluorene
Concen: 0.08 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:166 Resp: 1401

Ion	Ratio	Lower	Upper
166	100		
165	88.1	79.8	119.8
167	0.0	10.6	16.0#



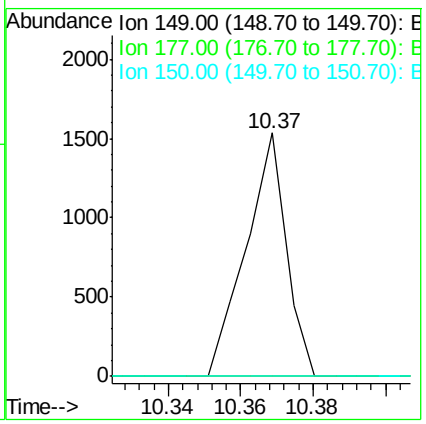


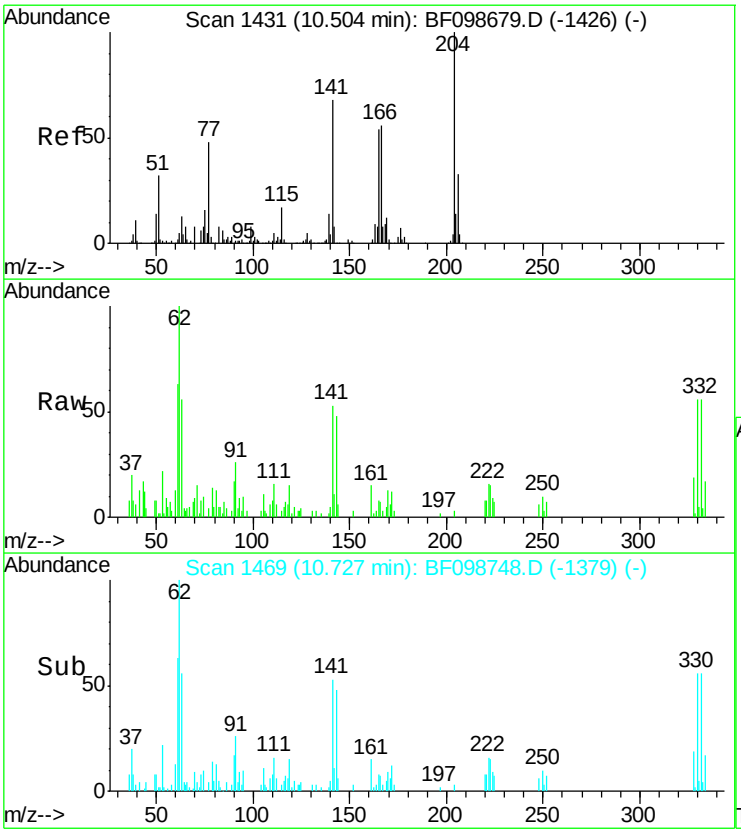
#59
Diethylphthalate
Concen: 0.06 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1182

Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.1	24.1#
150	0.0	10.1	15.1#

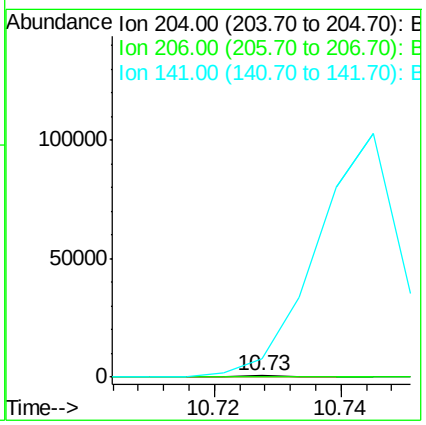


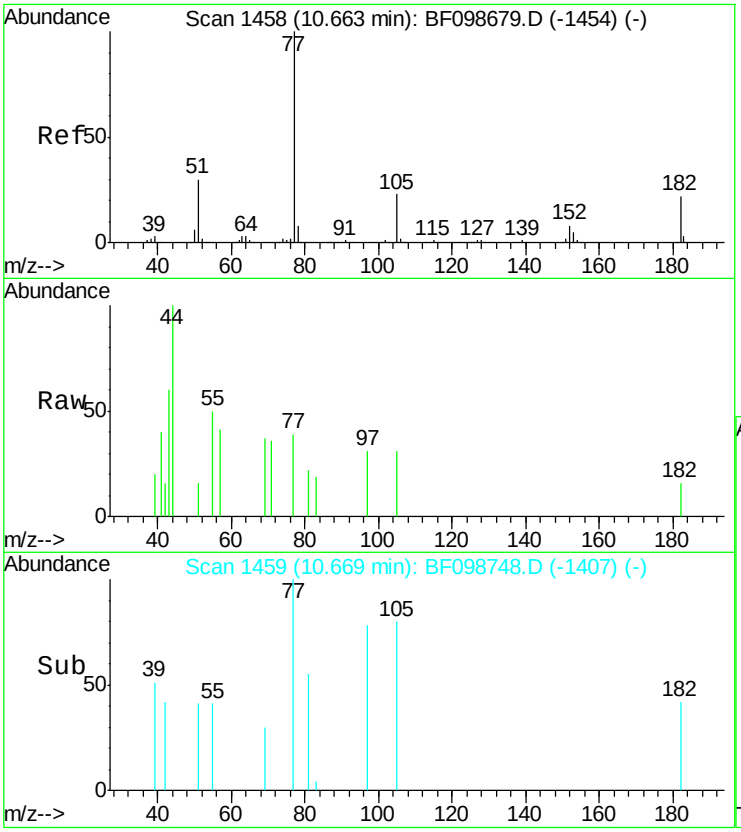


#60
4-Chlorophenyl-phenylether
Concen: 0.02 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.23 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:204 Resp: 177

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.5	39.7#
141	1521.3	54.6	81.8#



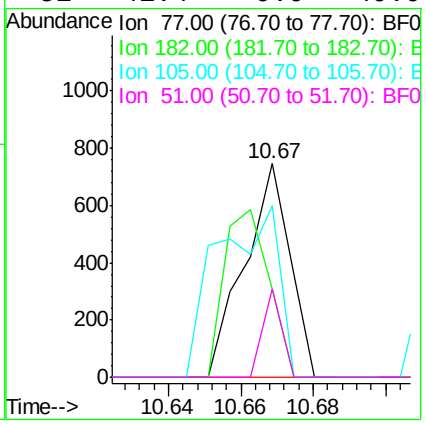


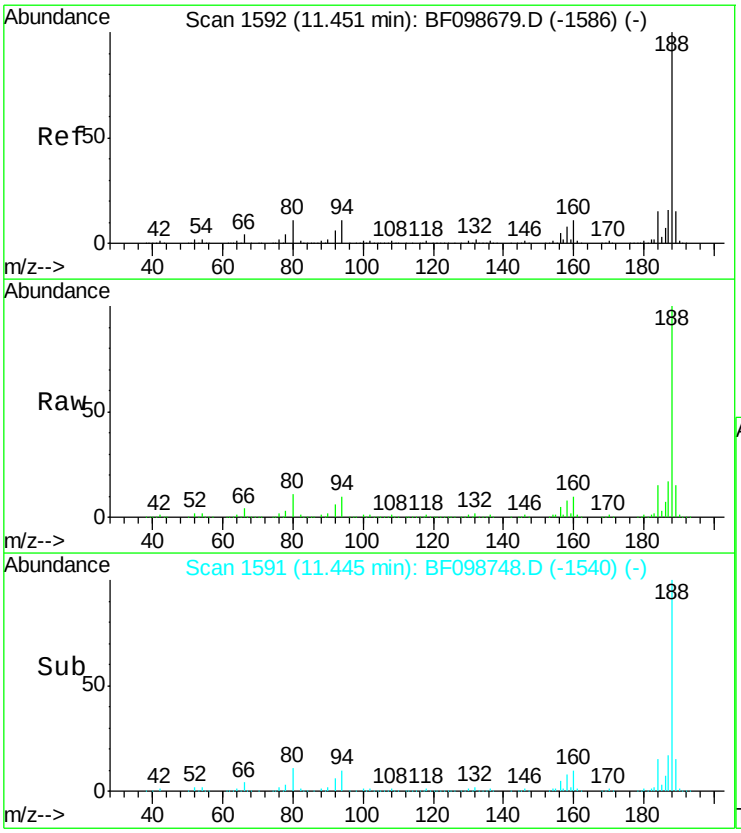
#62
Azobenzene
Concen: 0.04 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 645

Ion	Ratio	Lower	Upper
77	100		
182	41.6	1.7	41.7
105	80.2	3.0	43.0#
51	41.4	9.9	49.9

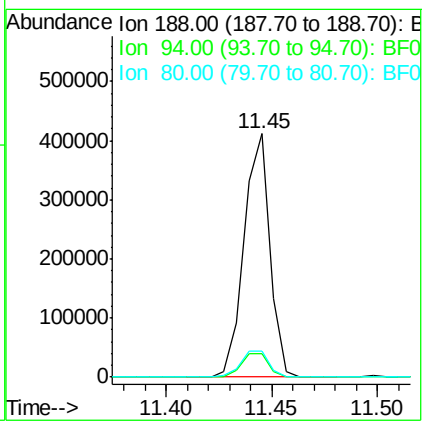


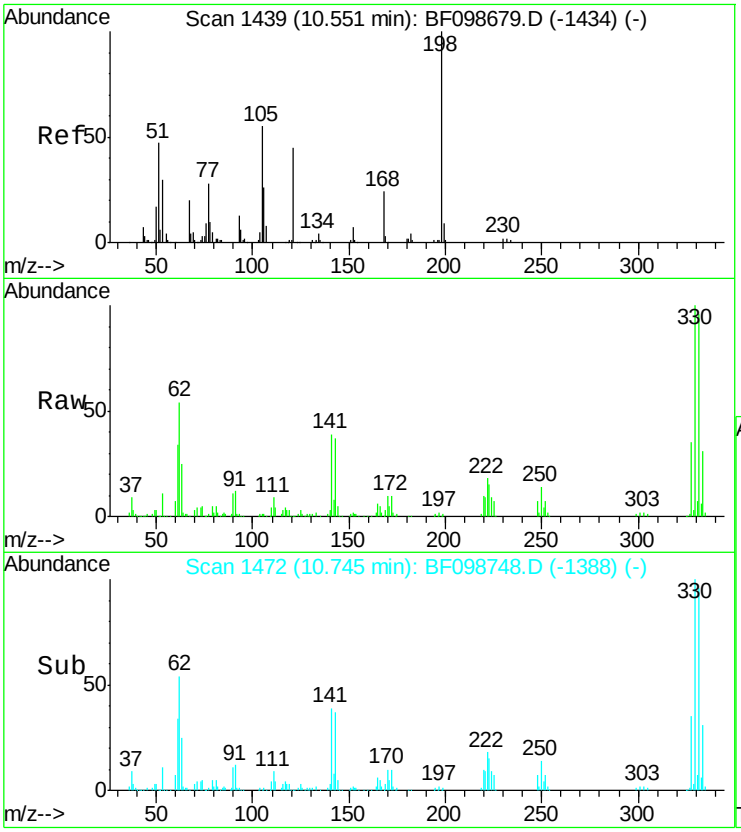


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:188 Resp: 349540

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.9	9.2	13.8



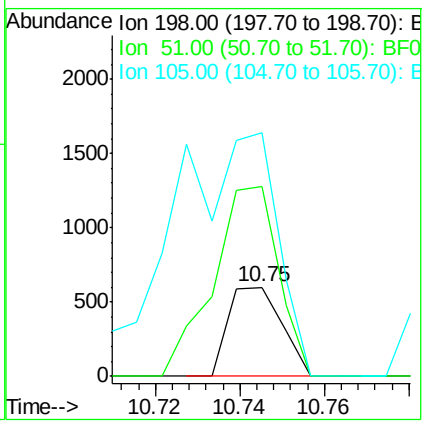


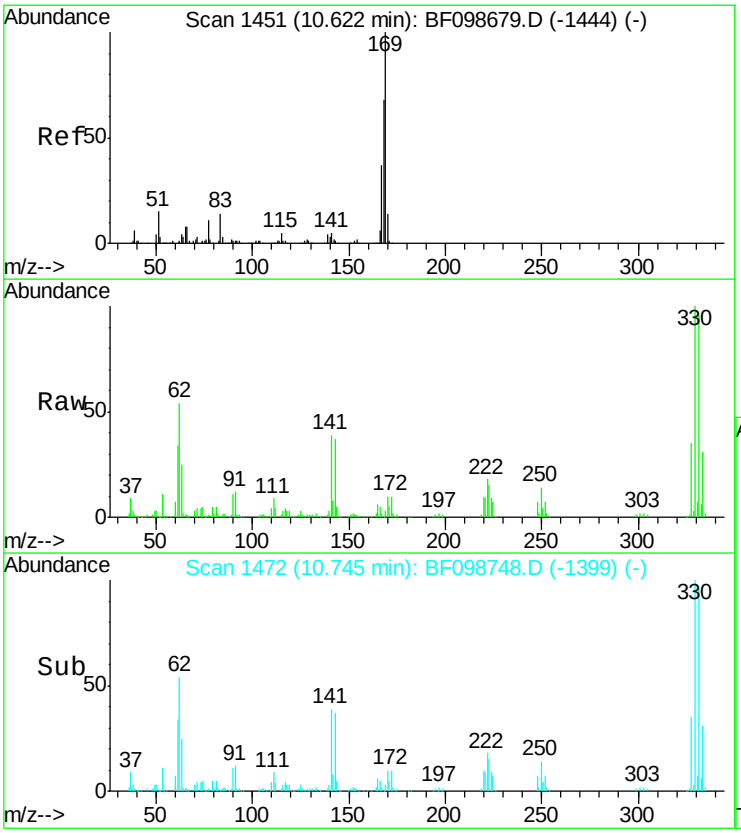
#64
4,6-Dinitro-2-methylphenol
Concen: 0.25 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.19 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 526

Ion	Ratio	Lower	Upper
198	100		
51	213.5	37.7	77.7#
105	273.6	36.3	76.3#

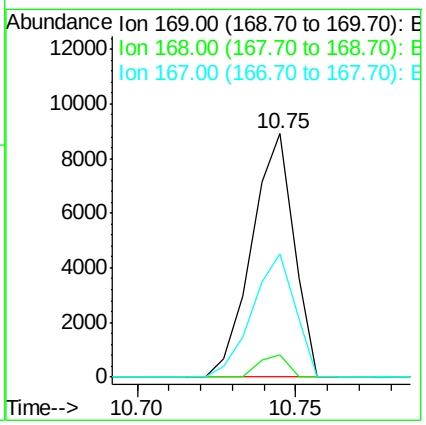


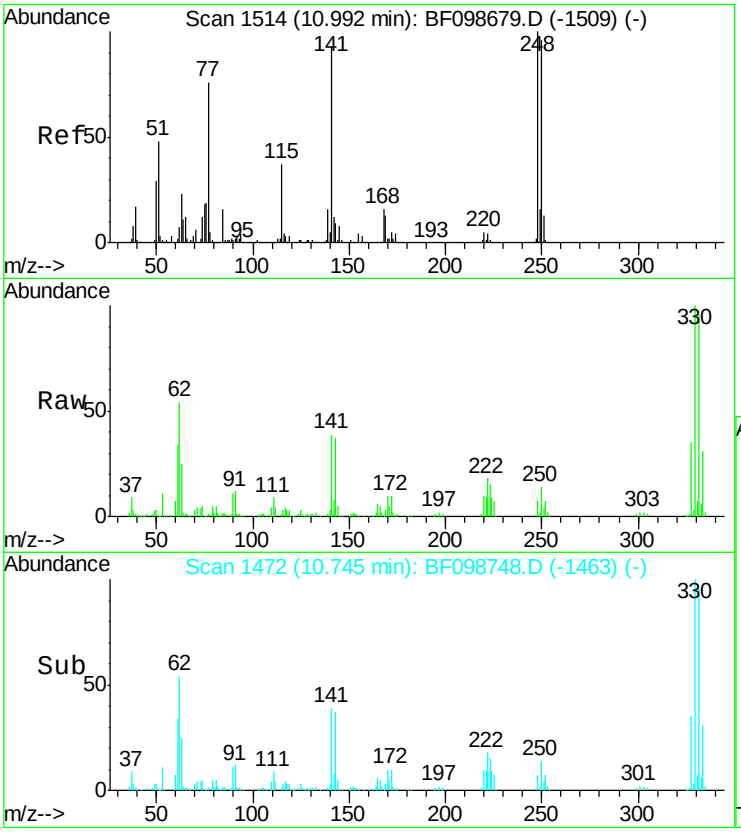


#65
n-Nitrosodiphenylamine
Concen: 0.68 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.13 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:169 Resp: 8229

Ion	Ratio	Lower	Upper
169	100		
168	9.1	54.4	81.6#
167	50.6	29.8	44.6#



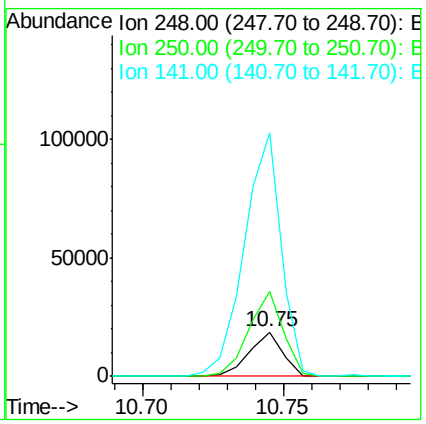


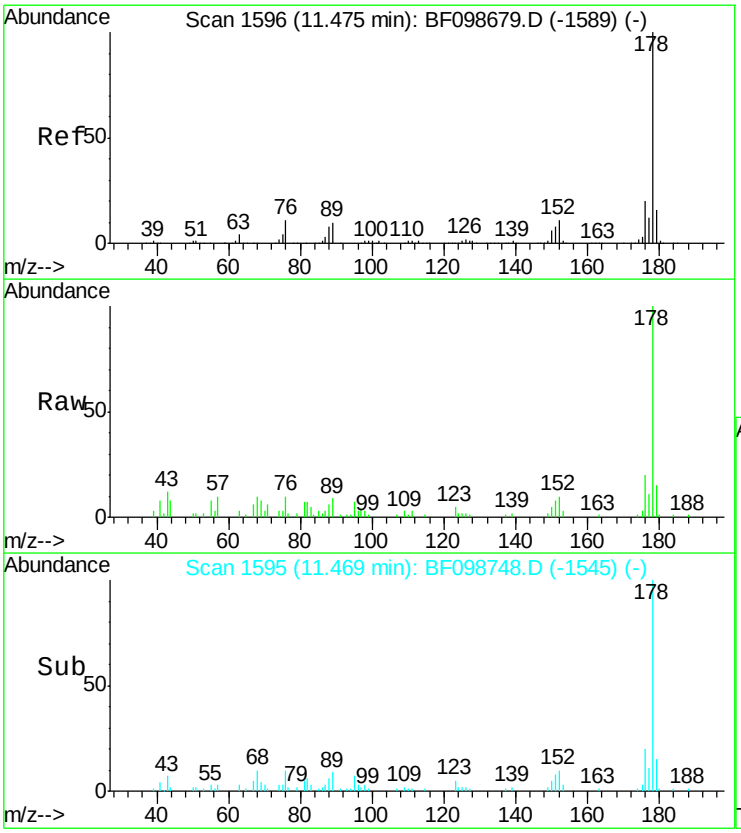
#66
4-Bromophenyl-phenylether
Concen: 4.51 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.25 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15426

Ion	Ratio	Lower	Upper
248	100		
250	191.4	76.9	115.3#
141	552.4	74.4	111.6#

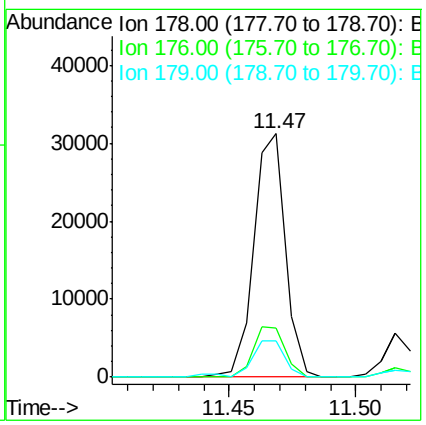


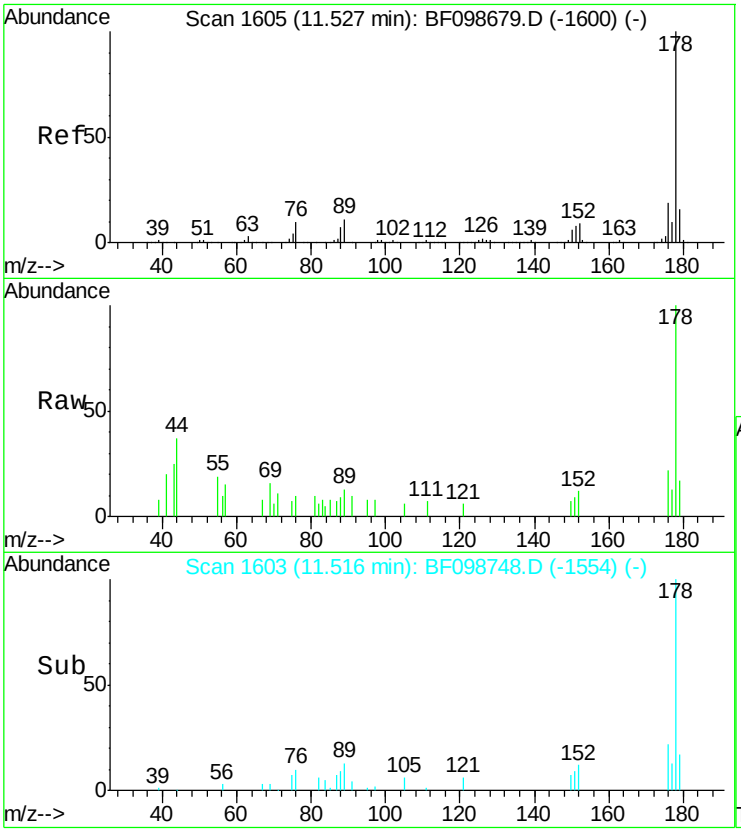


#70
Phenanthrene
Concen: 1.44 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:178 Resp: 27010

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	14.7	13.0	19.6



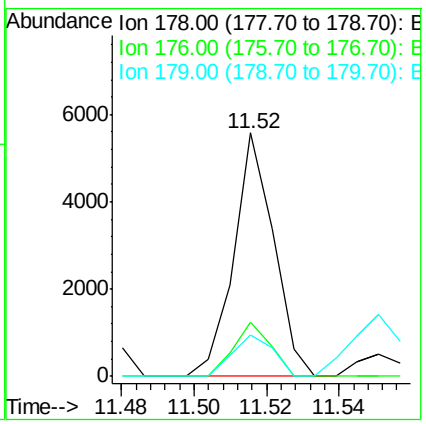


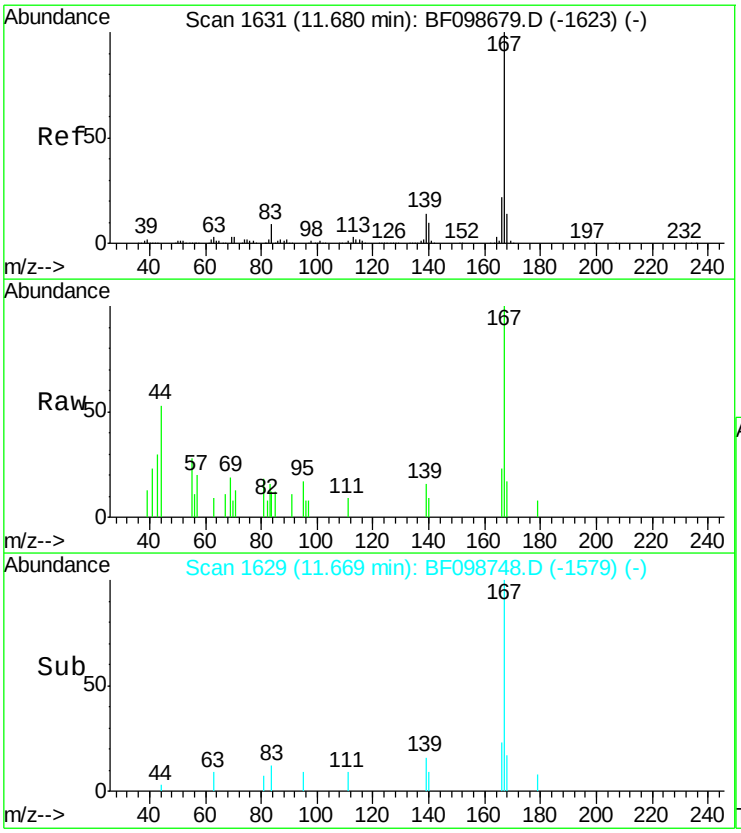
#71
Anthracene
Concen: 0.22 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 4271

Ion	Ratio	Lower	Upper
178	100		
176	22.2	15.4	23.2
179	17.0	12.6	19.0

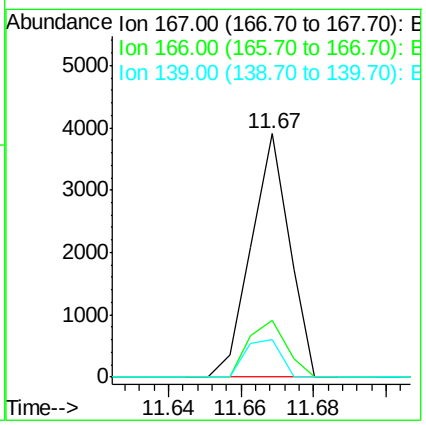


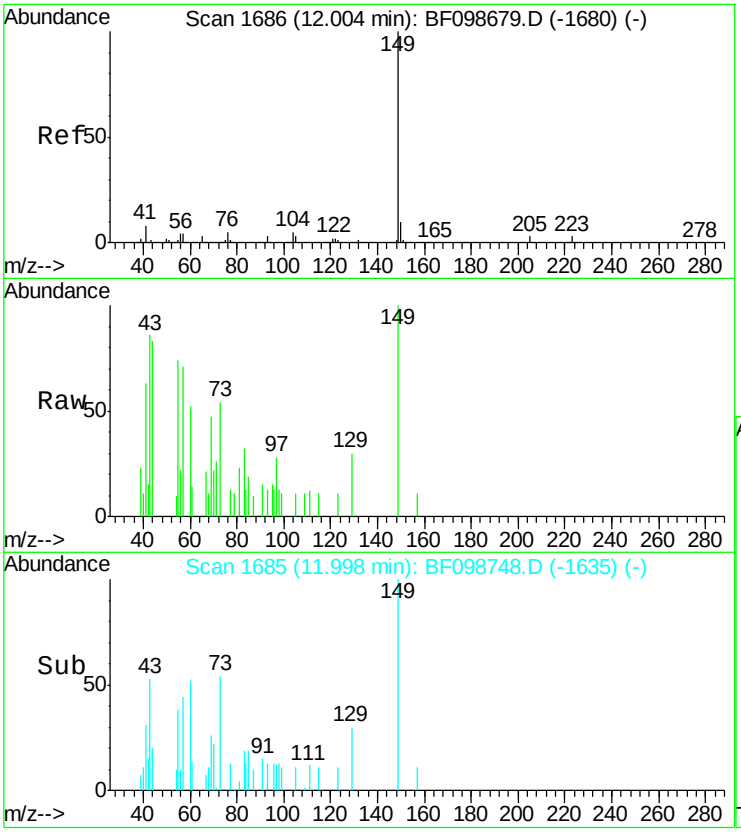


#72
Carbazole
Concen: 0.15 ng
RT: 11.67 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:167 Resp: 2849

Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.6	26.4
139	15.6	10.9	16.3



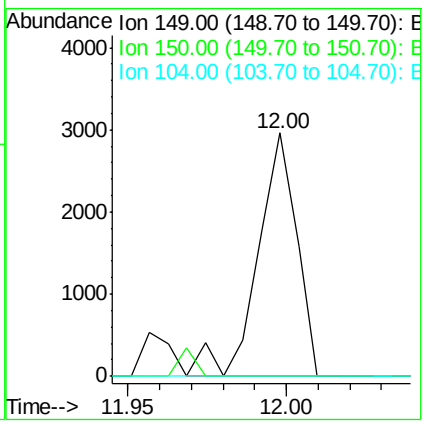


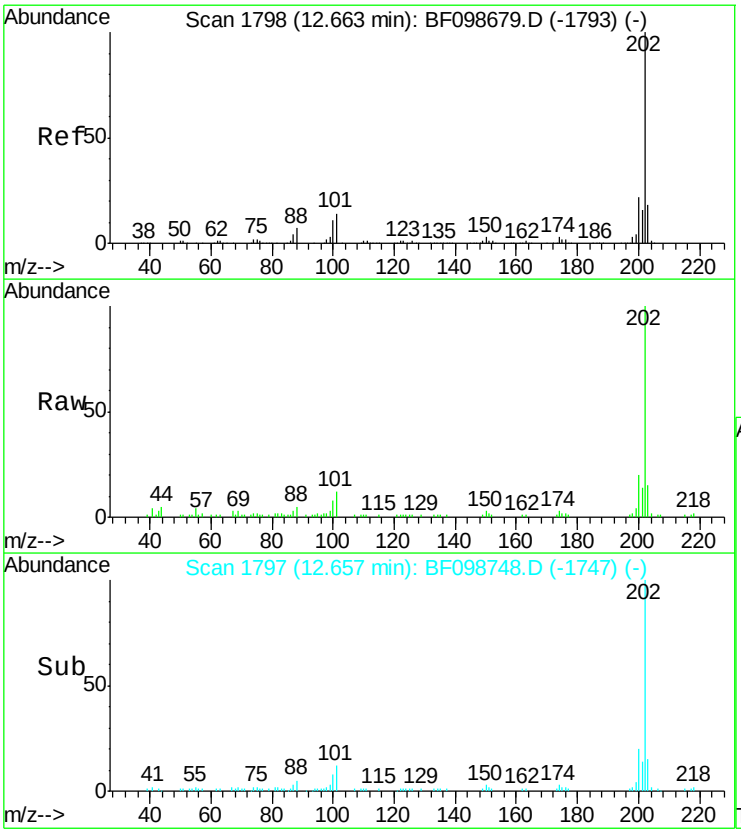
#73
Di-n-butylphthalate
Concen: 0.11 ng
RT: 12.00 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 2527

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	3.8	5.8#

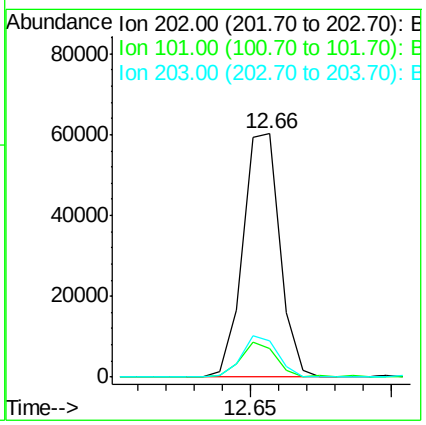


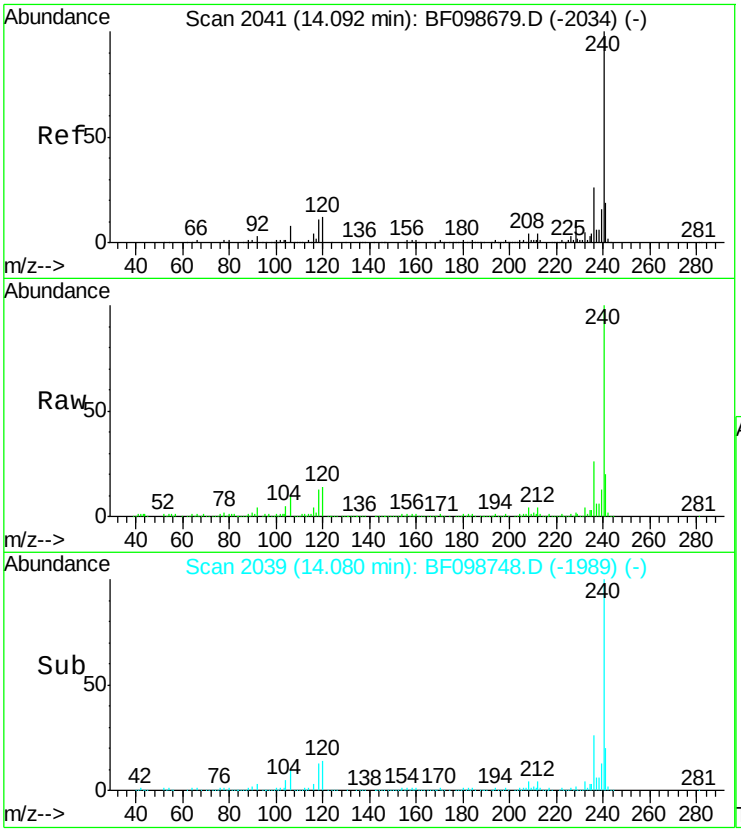


#74
Fluoranthene
Concen: 2.89 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:202 Resp: 54759

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	14.9	0.0	38.1



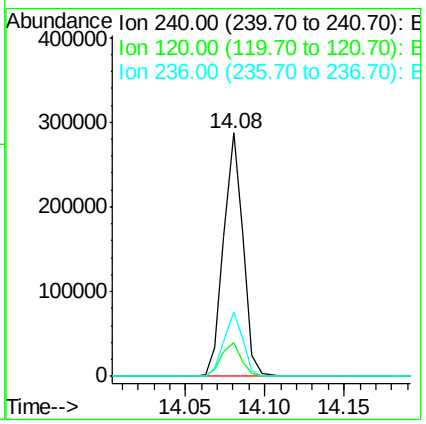


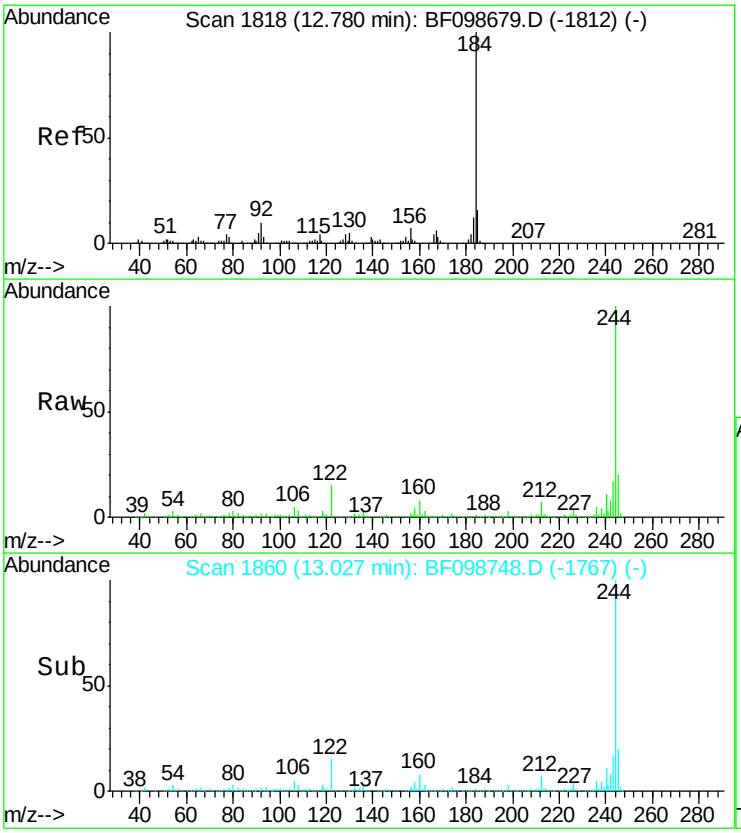
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 243720

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	26.2	20.7	31.1

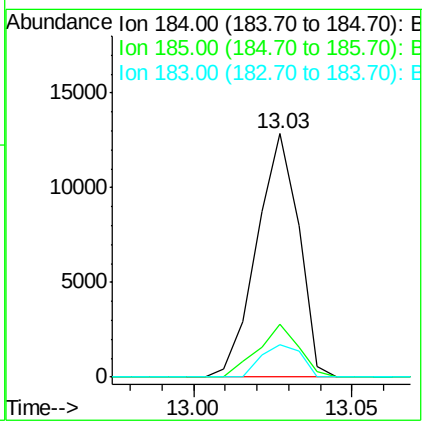


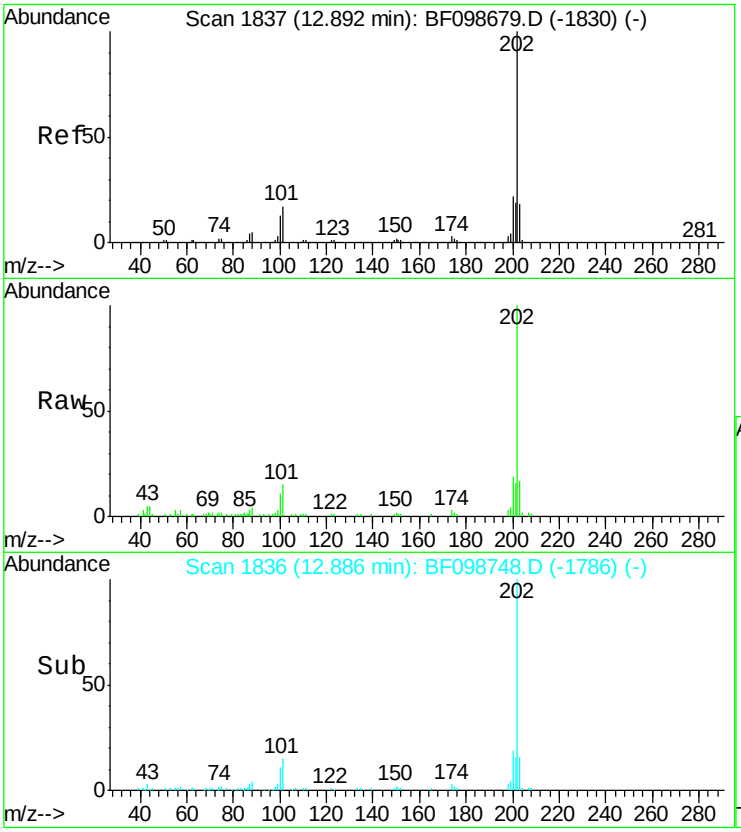


#76
Benzidine
Concen: 1.31 ng
RT: 13.03 min Scan# 1860
Delta R.T. 0.25 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:184 Resp: 11812

Ion	Ratio	Lower	Upper
184	100		
185	21.9	12.6	18.8#
183	13.5	9.3	13.9



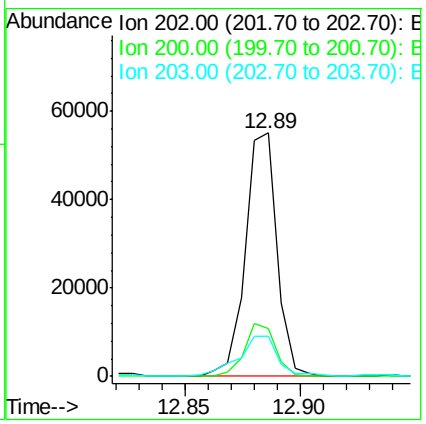


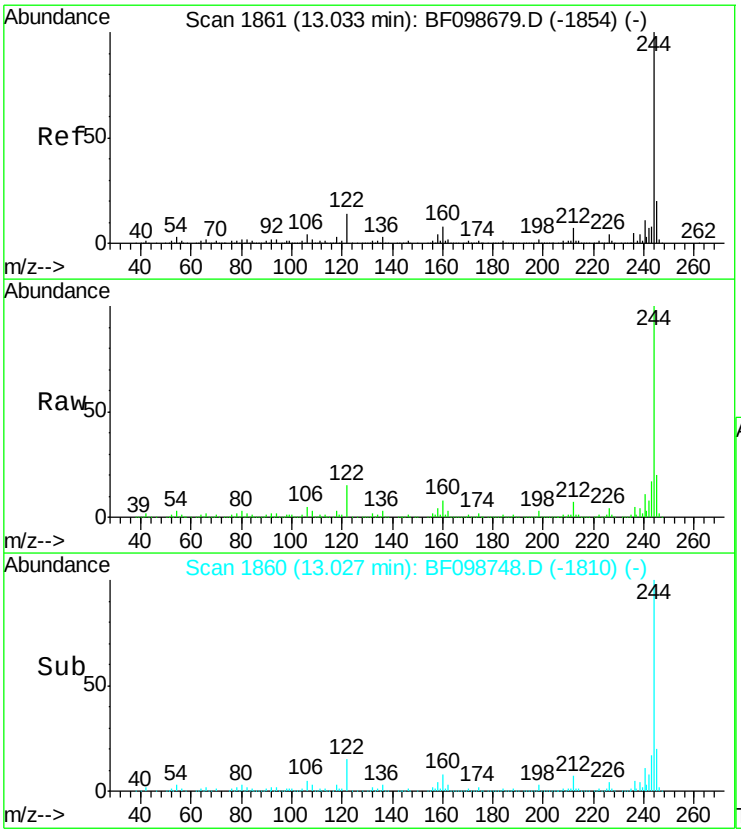
#77
Pyrene
Concen: 2.84 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 52730

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.4	26.2
203	16.6	14.3	21.5

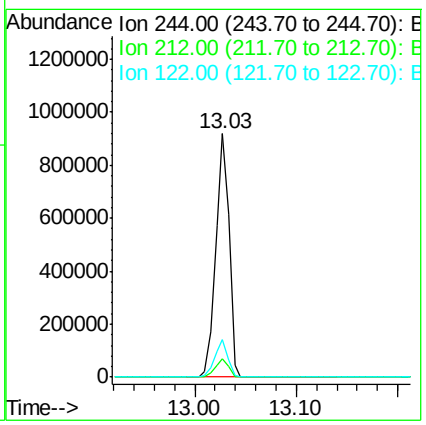


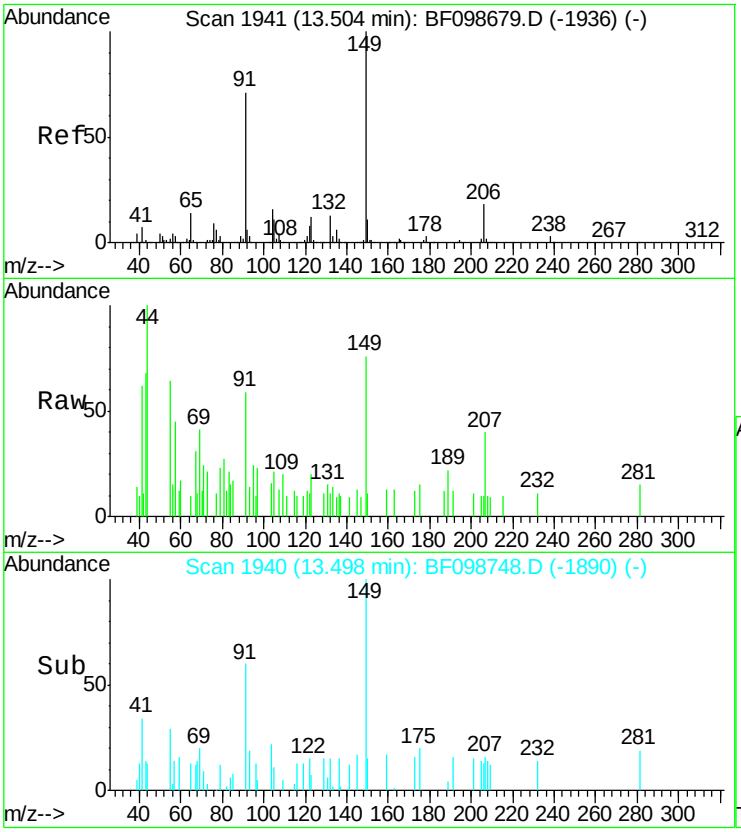


#78
Terphenyl-d14
Concen: 77.44 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:244 Resp: 829928

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	15.2	11.0	16.4



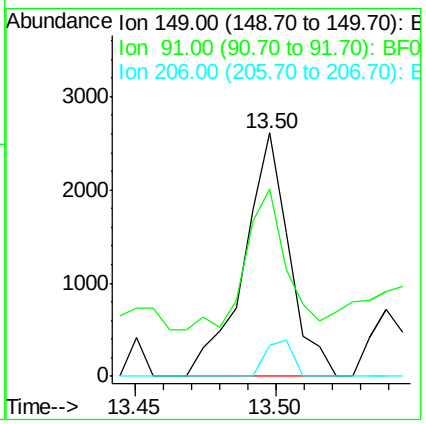


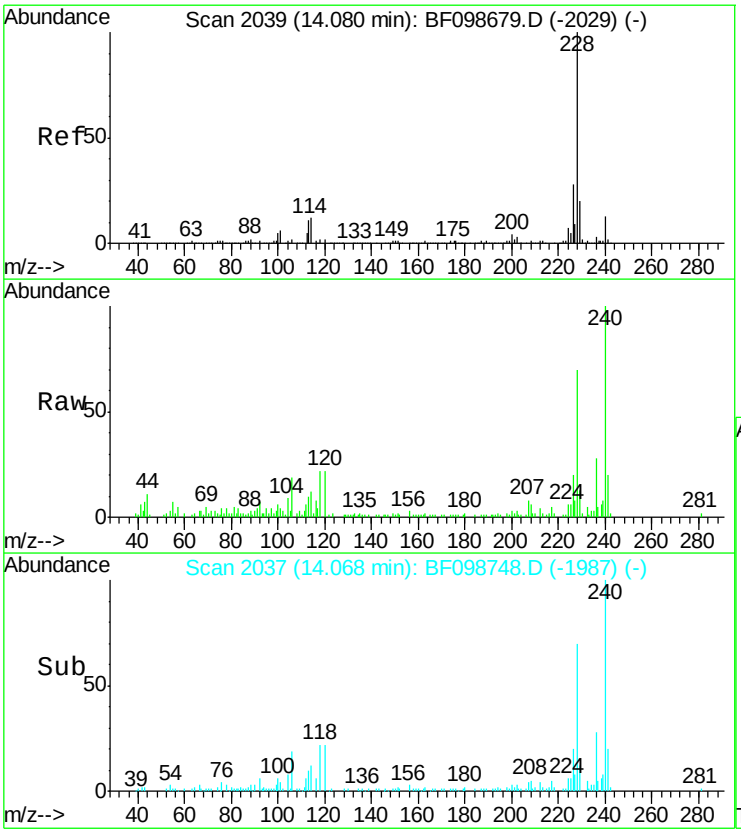
#79
Butylbenzylphthalate
Concen: 0.33 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 2900

Ion	Ratio	Lower	Upper
149	100		
91	77.1	56.8	85.2
206	12.6	14.1	21.1#

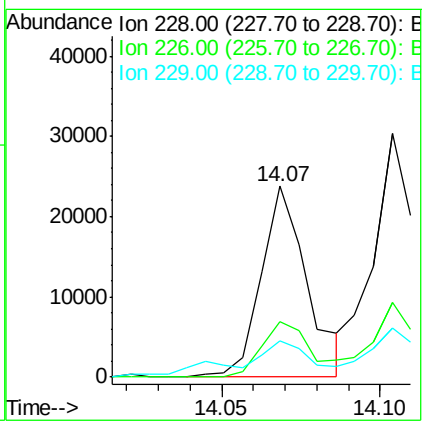


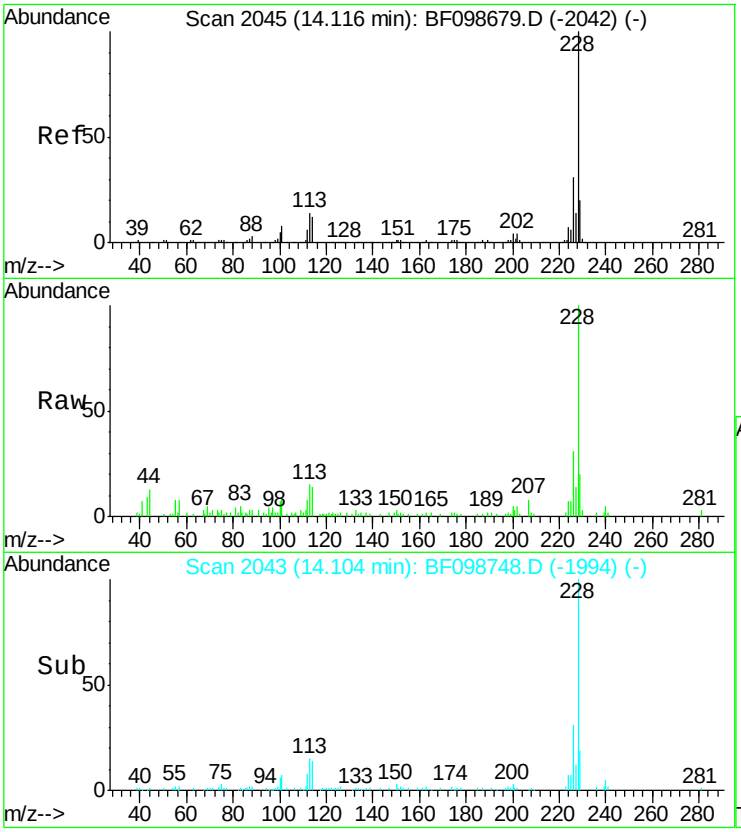


#80
Benzo(a)anthracene
Concen: 1.63 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:228 Resp: 24056

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	19.0	15.8	23.6



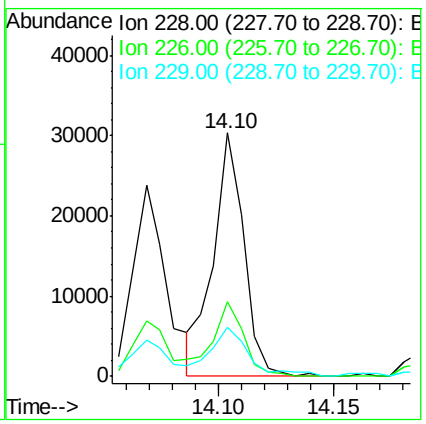


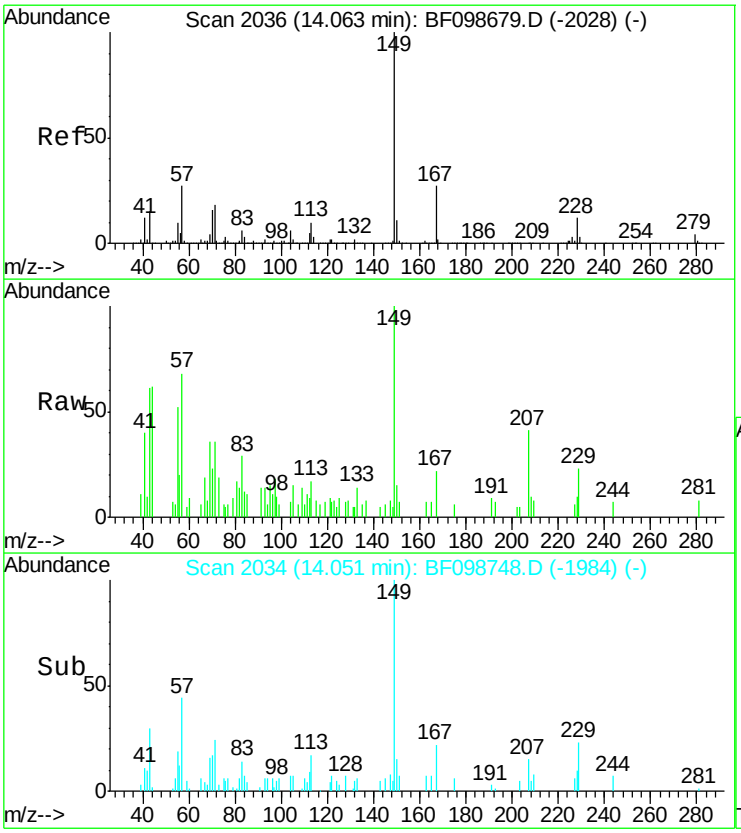
#82
Chrysene
Concen: 1.98 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 27851

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.1	16.2	24.4

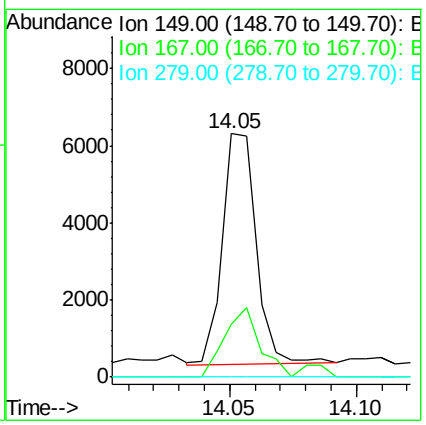


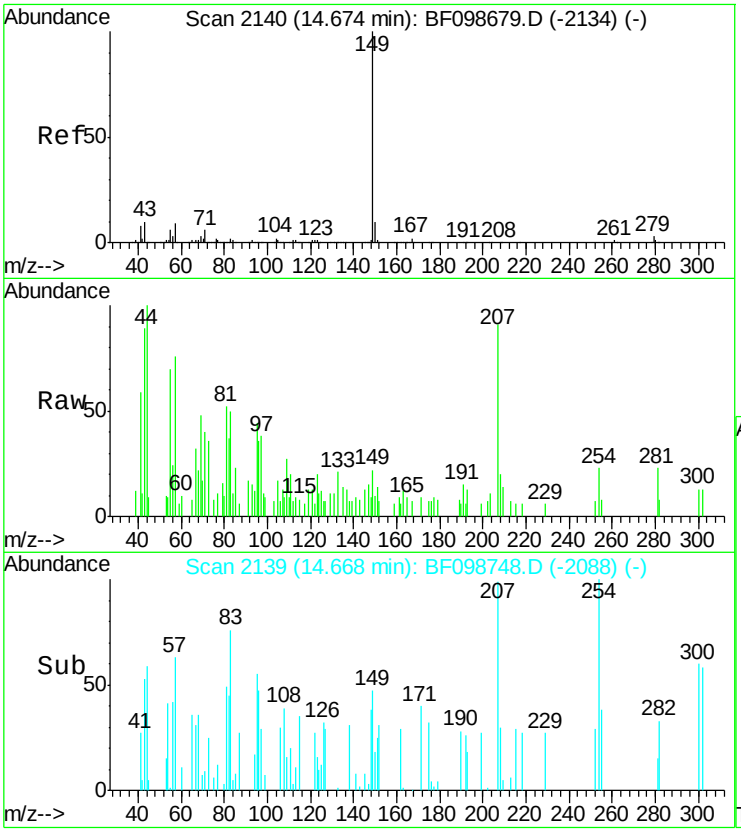


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.46 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:149 Resp: 5529

Ion	Ratio	Lower	Upper
149	100		
167	21.8	21.3	31.9
279	0.0	3.0	4.4#



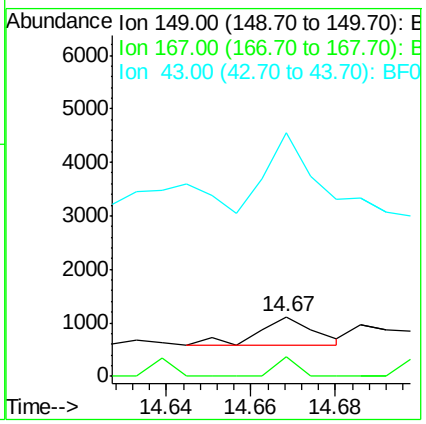


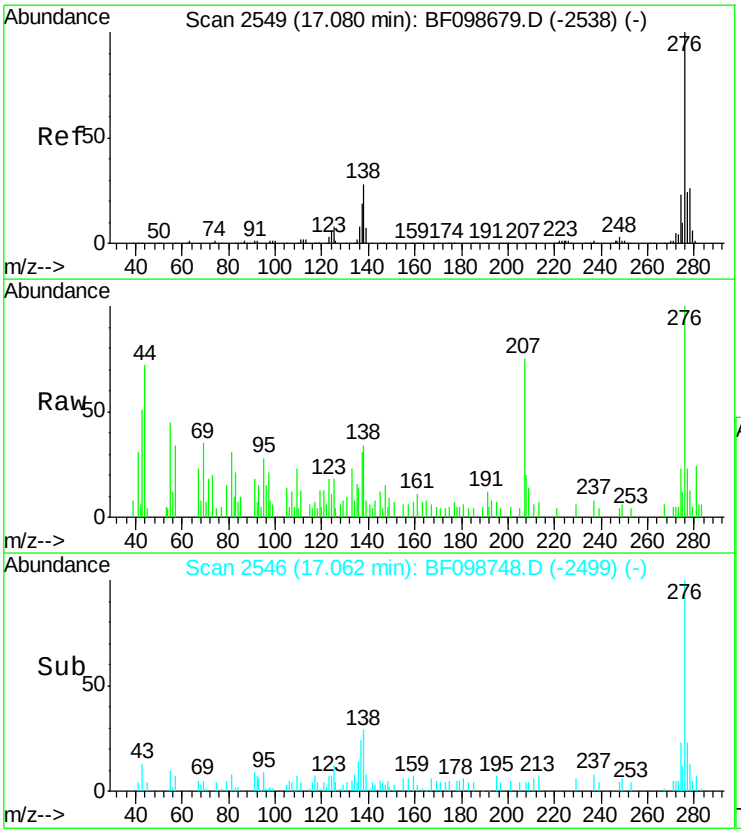
#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 14.67 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 474

Ion	Ratio	Lower	Upper
149	100		
167	27.2	1.2	1.8#
43	324.3	8.4	12.6#

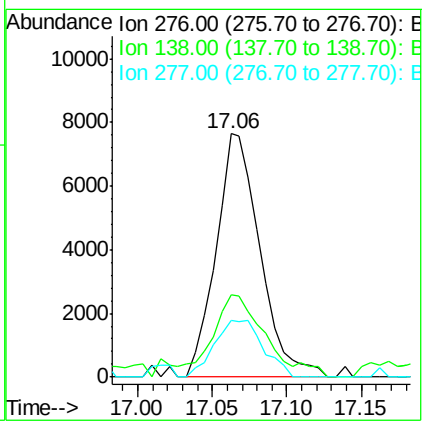


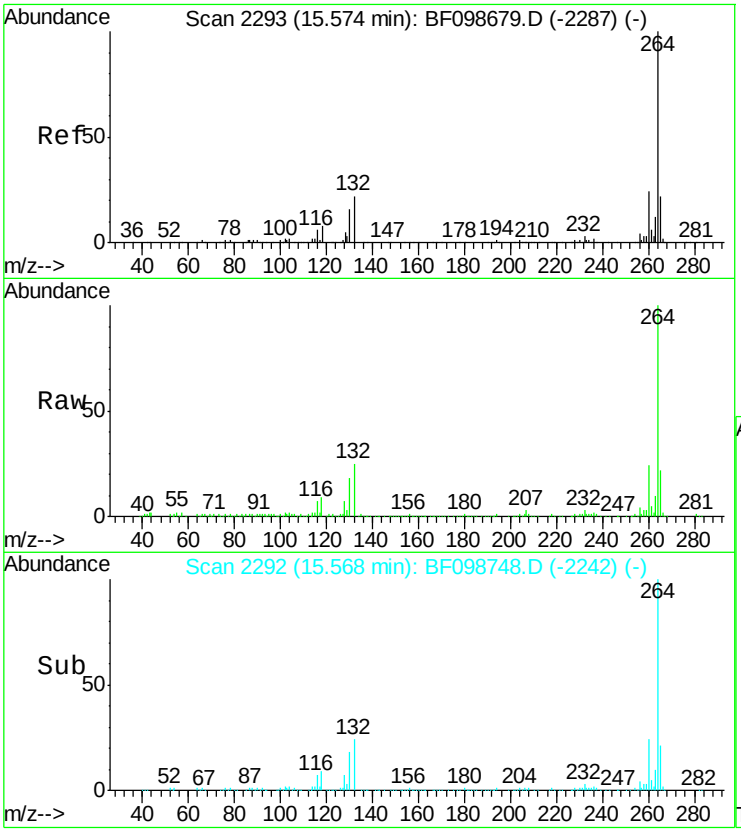


#85
Indeno(1,2,3-cd)pyrene
Concen: 1.40 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.02 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:276 Resp: 15733

Ion	Ratio	Lower	Upper
276	100		
138	40.5	25.0	37.6#
277	25.9	20.1	30.1



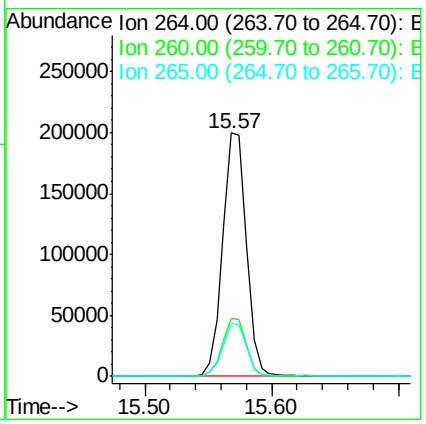


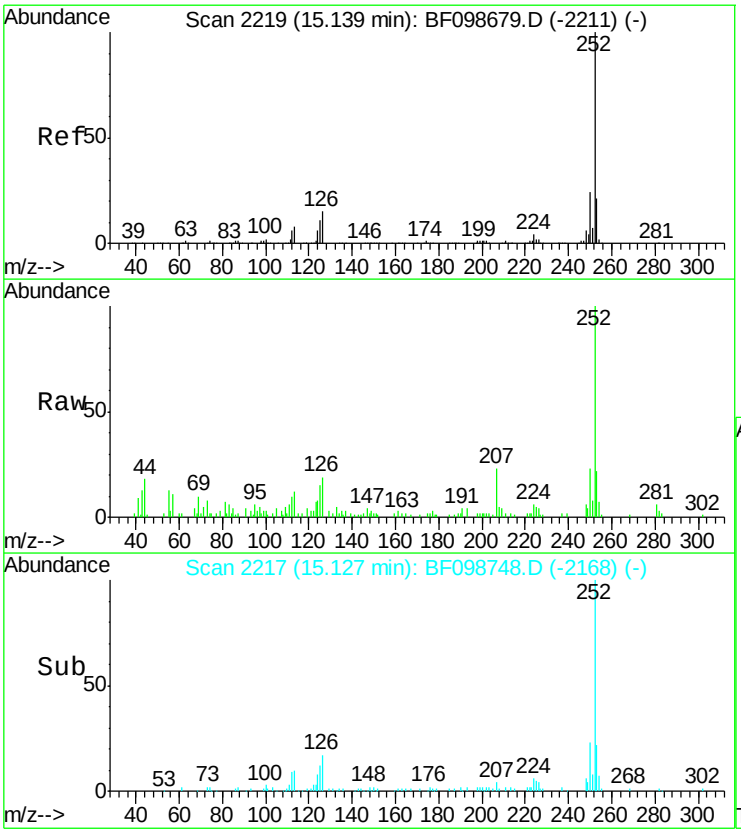
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 258474

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	17.5	26.3

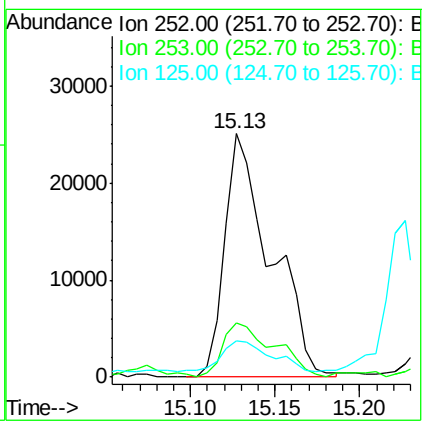


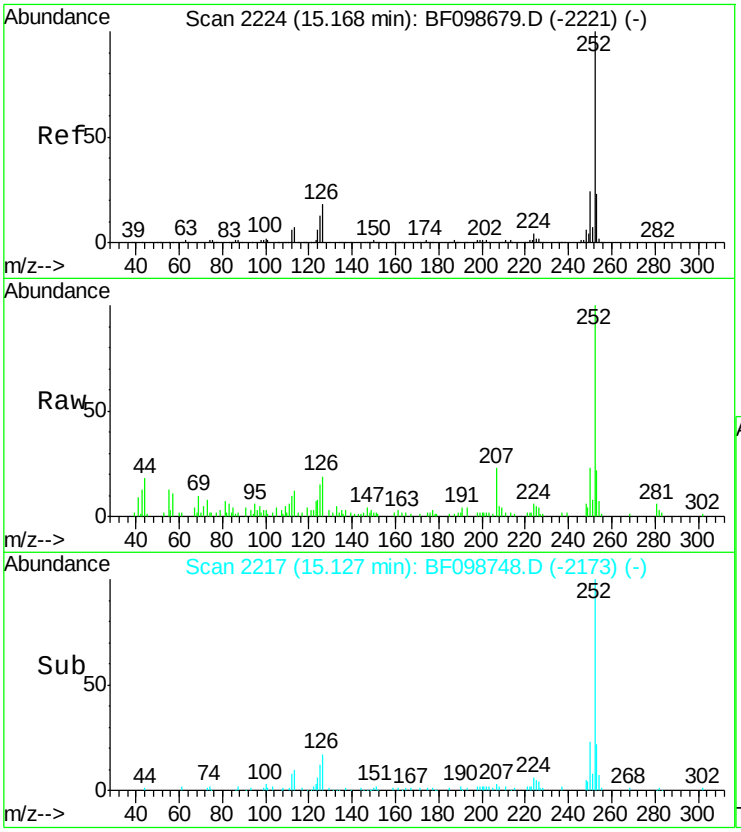


#87
Benzo(b)fluoranthene
Concen: 3.00 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:252 Resp: 47636

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	14.8	9.0	13.6#



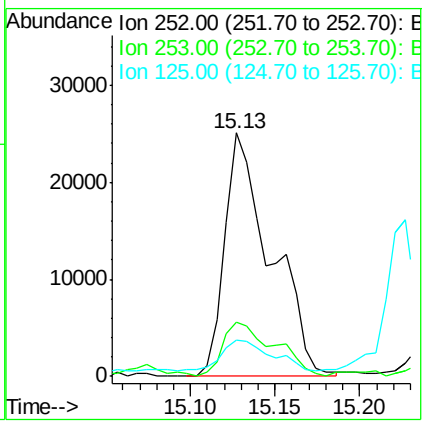


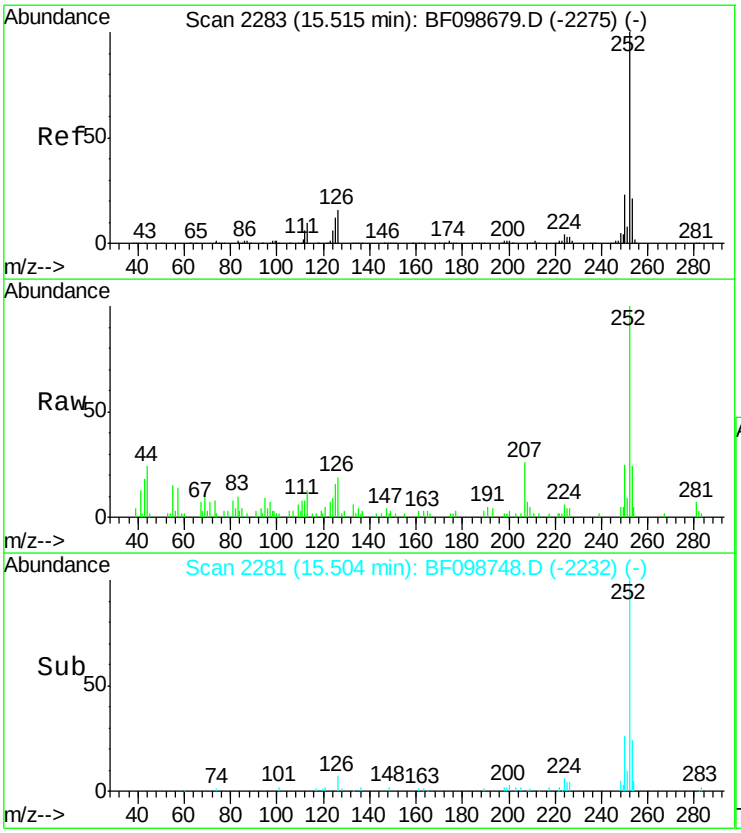
#88
Benzo(k)fluoranthene
Concen: 3.03 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 47636

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	14.8	10.2	15.2

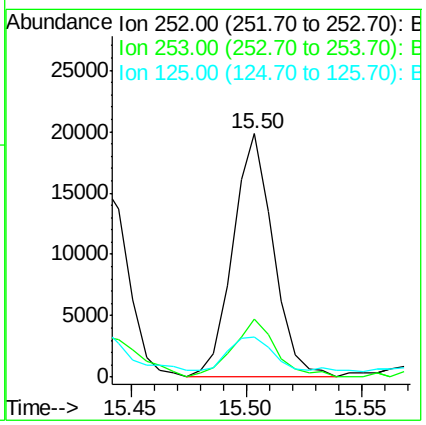


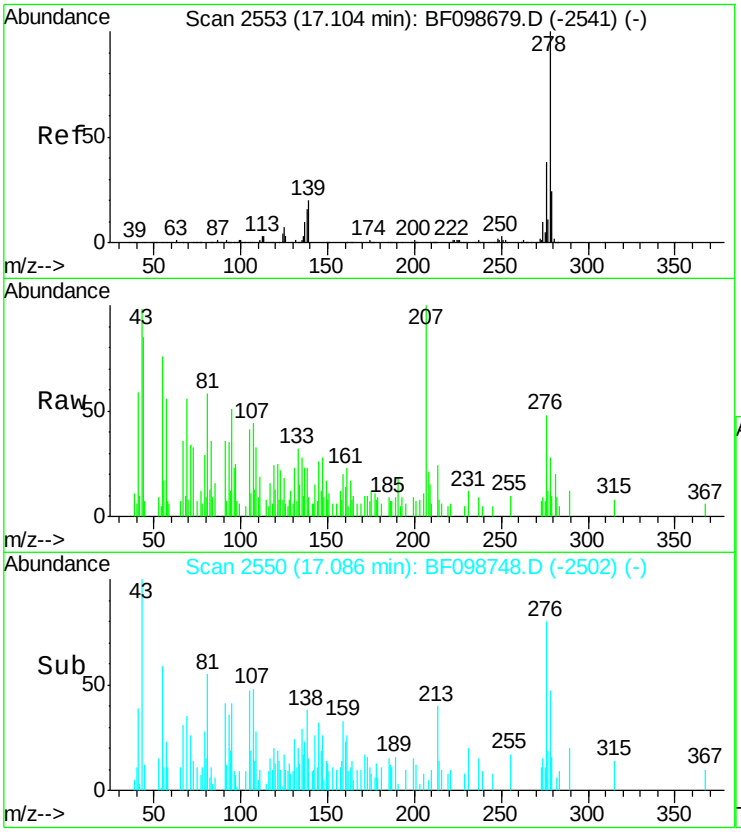


#89
Benzo(a)pyrene
Concen: 1.66 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:252 Resp: 24190

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	16.3	9.8	14.6#



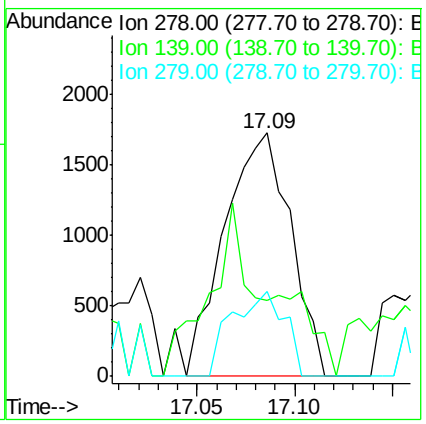


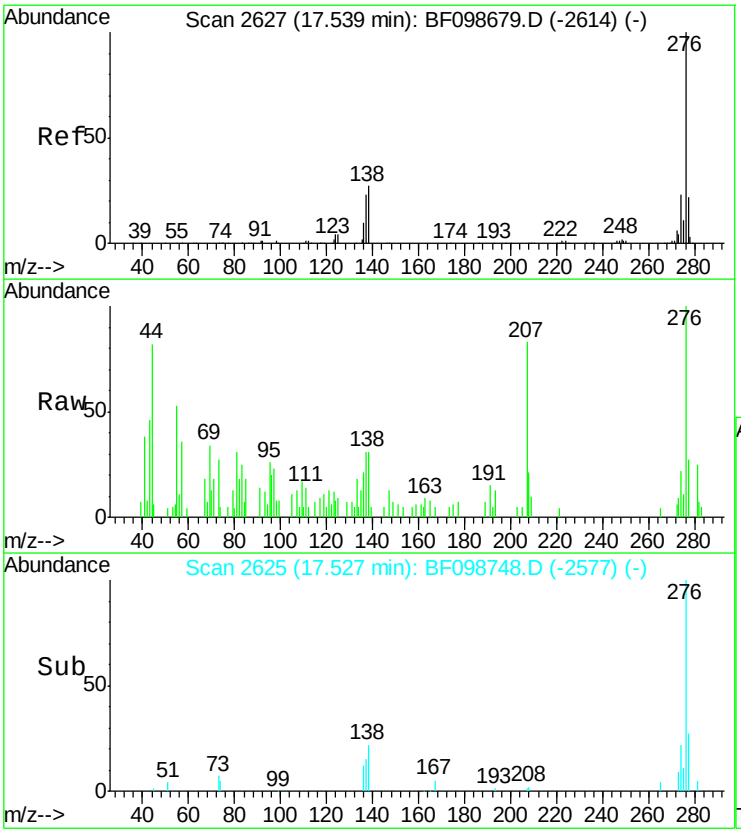
#90
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.02 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 4041

Ion	Ratio	Lower	Upper
278	100		
139	31.2	15.9	23.9#
279	34.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 1.31 ng
RT: 17.53 min Scan# 2625
Delta R.T. -0.02 min
Lab File: BF098748.D
Acq: 23 Sep 2017 19:32

Tgt Ion:276 Resp: 15132

Ion	Ratio	Lower	Upper
276	100		
277	27.0	17.9	26.9#
138	31.5	21.8	32.8