Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098741.D
Acq On : 23 Sep 2017 16:13
Operator : SJ/JU
Sample : I5336-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 25 04:49:38 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	165381	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	692614	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	295002	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	458029	20.00	ng		0.00
75) Chrysene-d12	14.08	240	279977	20.00	ng		0.00
86) Perylene-d12	15.57	264	275900	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	119887	11.54	ng		-0.02
7) Phenol-d6	6.53	99	150134	11.71	ng		-0.02
23) Nitrobenzene-d5	7.47	82	86072	7.97	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	19144	7.93	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	171411	9.70	ng		0.00
78) Terphenyl-d14	13.02	244	109338	8.88	ng		-0.01
Target Compounds							Qvalue
6) Aniline	6.68	93	141	0.01	ng	#	1
9) Benzaldehyde	6.53	77	124	0.02	ng	#	1
10) Phenol	6.54	94	3691	0.26	ng		98
11) bis(2-Chloroethyl)ether	6.68	93	141	0.01	ng	#	1
12) 1,3-Dichlorobenzene	6.93	146	428	0.03	ng	#	45
13) 1,4-Dichlorobenzene	6.93	146	428	0.03	ng	#	82
14) 1,2-Dichlorobenzene	7.09	146	556	0.05	ng	#	24
15) Benzyl Alcohol	7.07	79	1723	0.18	ng	#	37
18) Hexachloroethane	7.53	117	284	0.06	ng	#	2
19) n-Nitroso-di-n-propylamine	7.47	70	11602	1.42	ng	#	81
22) Acetophenone	7.32	105	162	0.01	ng	#	54
24) Nitrobenzene	7.47	77	135	0.01	ng	#	38
25) Isophorone	7.47	82	84750	3.80	ng	#	64
27) 2,4-Dimethylphenol	7.87	122	1859	0.17	ng	#	4
28) bis(2-Chloroethoxy)methane	8.20	93	109	0.01	ng	#	1
31) Naphthalene	8.22	128	8043	0.25	ng		97
32) Benzoic acid	7.87	122	1859	0.20	ng		88
33) 4-Chloroaniline	8.22	127	971	0.07	ng	#	23
37) 2-Methylnaphthalene	9.01	142	6412	0.30	ng		98
45) 1,1'-Biphenyl	9.37	154	1205	0.05	ng	#	60
47) 2-Nitroaniline	9.53	65	115	0.02	ng	#	2
48) Acenaphthylene	9.82	152	34703	1.19	ng		99
49) Dimethylphthalate	9.66	163	15944	0.72	ng	#	98
50) 2,6-Dinitrotoluene	9.96	165	38407	7.92	ng	#	25
51) Acenaphthene	9.99	154	8728	0.47	ng		99
54) Dibenzofuran	10.16	168	6058	0.25	ng	#	84
55) 4-Nitrophenol	10.16	139	2611	0.55	ng	#	9
56) 2,4-Dinitrotoluene	9.96	165	38407	6.11	ng	#	23
57) Fluorene	10.50	166	14884	0.75	ng	#	97
59) Diethylphthalate	10.36	149	2390	0.11	ng	#	88
62) Azobenzene	10.66	77	1165	0.06	ng	#	1
65) n-Nitrosodiphenylamine	10.62	169	1467	0.09	ng	#	61
66) 4-Bromophenyl-phenylether	10.74	248	1451	0.32	ng	#	1
70) Phenanthrene	11.47	178	203382	8.30	ng		98

Quantitation Report (Not Reviewed)

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Data File : BF098741.D
Acq On : 23 Sep 2017 16:13
Operator : SJ/JU
Sample : I5336-01 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 25 04:49:38 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)
71) Anthracene	11.52	178	39586	1.58	ng		98
72) Carbazole	11.67	167	10562	0.43	ng		97
73) Di-n-butylphthalate	12.00	149	2462	0.08	ng	#	78
74) Fluoranthene	12.66	202	340644	13.72	ng		97
76) Benzidine	12.75	184	246	0.02	ng	#	1
77) Pyrene	12.89	202	349376	16.36	ng		98
79) Butylbenzylphthalate	13.50	149	1159	0.12	ng	#	11
80) Benzo(a)anthracene	14.07	228	145064	8.56	ng		95
81) 3,3'-Dichlorobenzidine	14.03	252	148	0.02	ng	#	27
82) Chrysene	14.10	228	152010	9.42	ng		96
83) Bis(2-ethylhexyl)phthalate	14.05	149	4345	0.31	ng	#	90
84) Di-n-octyl phthalate	14.66	149	391	0.02	ng	#	17
85) Indeno(1,2,3-cd)pyrene	17.07	276	76254	5.91	ng		98
87) Benzo(b)fluoranthene	15.13	252	248499	14.65	ng	#	94
88) Benzo(k)fluoranthene	15.13	252	248499	14.83	ng		97
89) Benzo(a)pyrene	15.50	252	131627	8.45	ng	#	95
90) Dibenzo(a,h)anthracene	17.09	278	20302	1.63	ng	#	90
91) Benzo(g,h,i)perylene	17.53	276	77227	6.27	ng		94

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

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ALS Vial : 5 Sample Multiplier: 1

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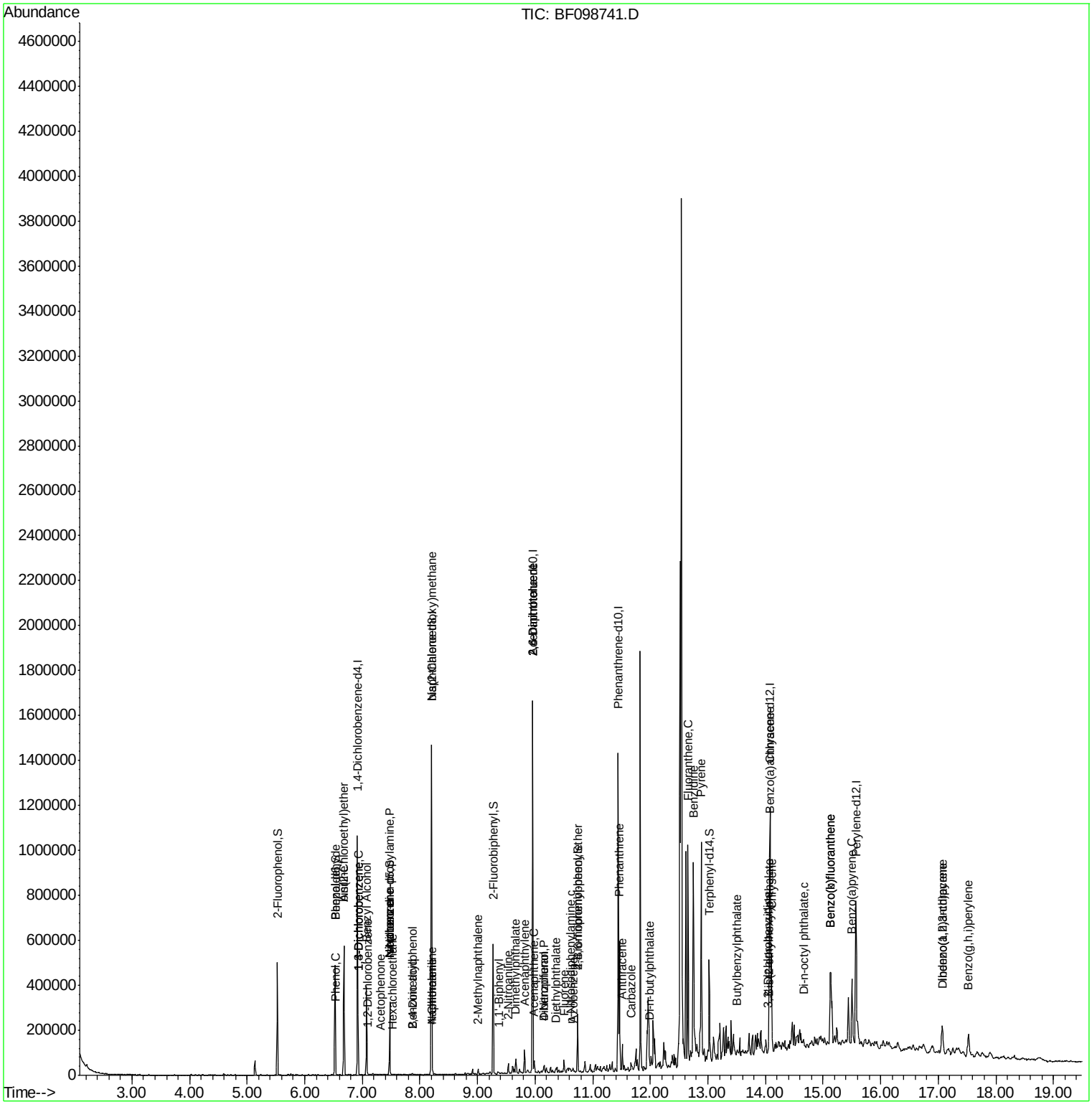
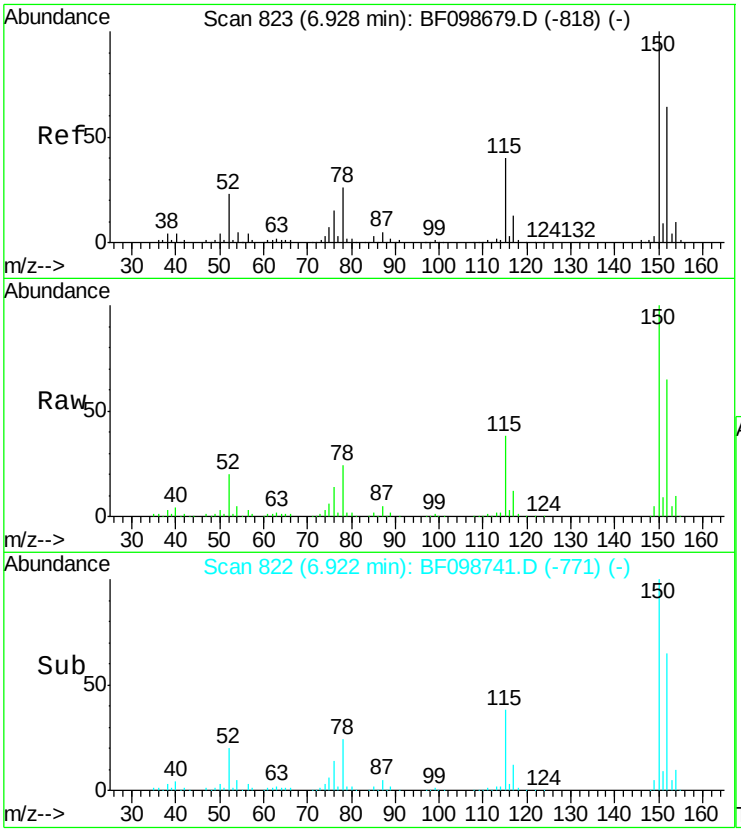
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration



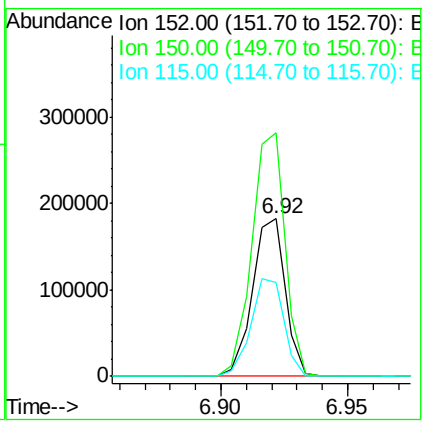


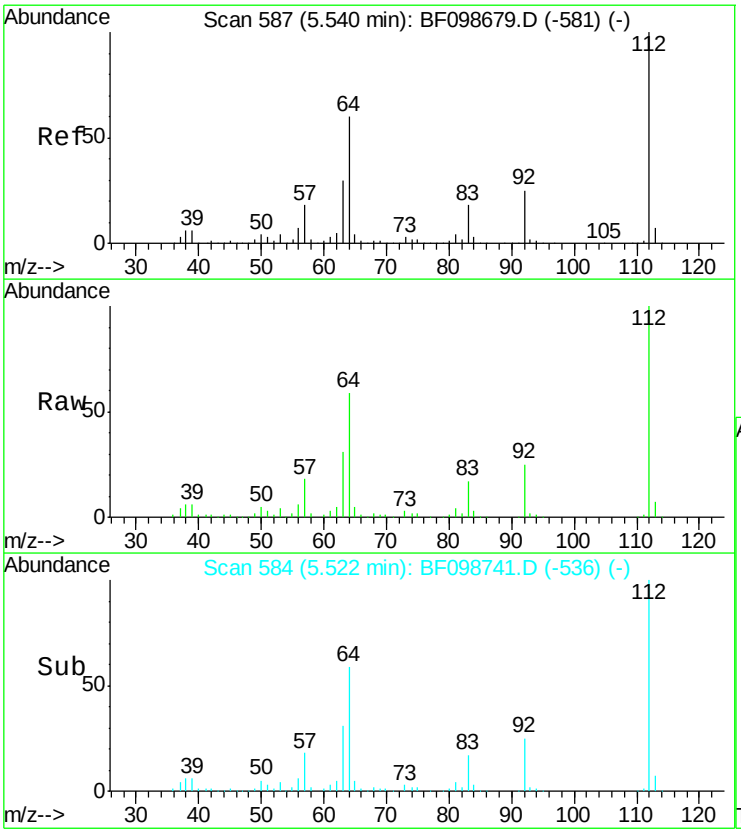
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 165381

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	59.2	50.1	75.1

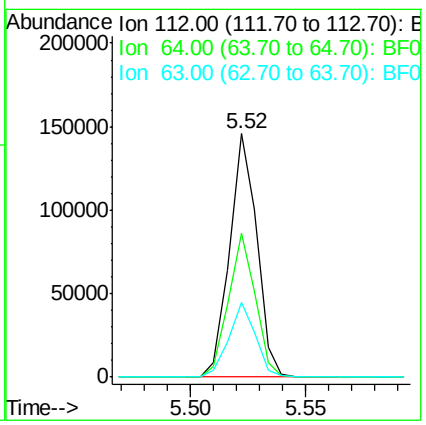


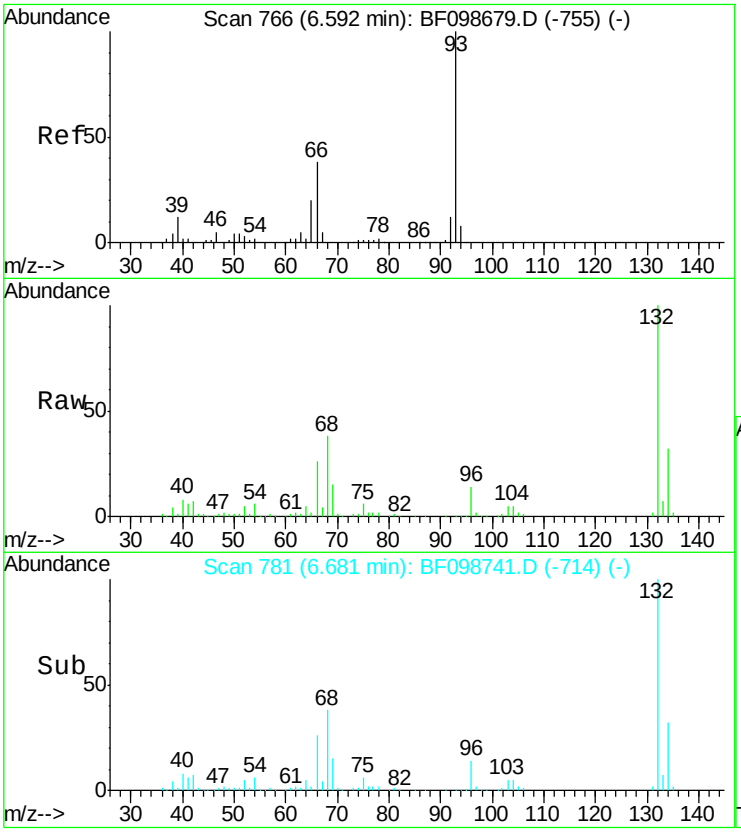


#5
2-Fluorophenol
Concen: 11.54 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:112 Resp: 119887

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	30.6	23.7	35.5



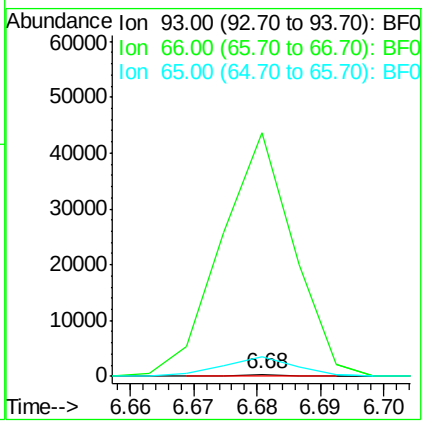


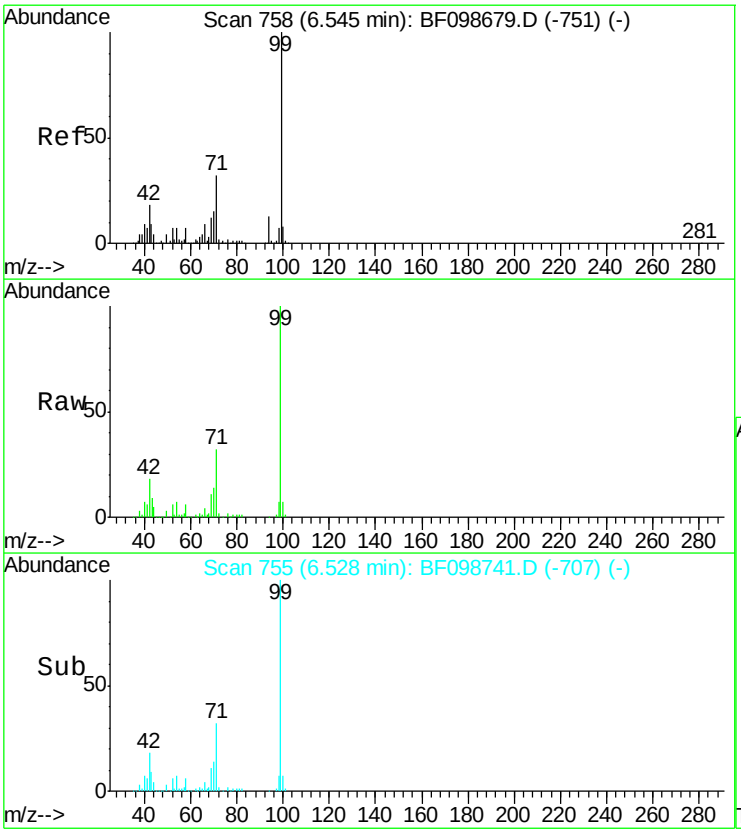
#6
Aniline
Concen: 0.01 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.09 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 141

Ion	Ratio	Lower	Upper
93	100		
66	10933.3	32.2	48.2#
65	873.9	16.4	24.6#

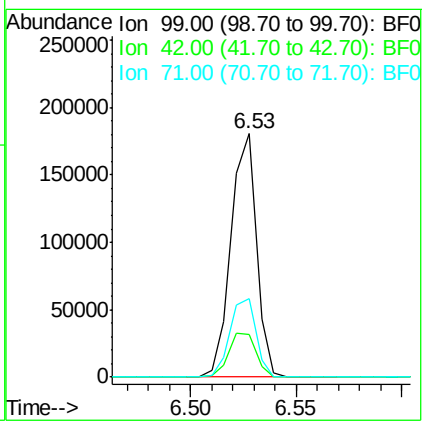


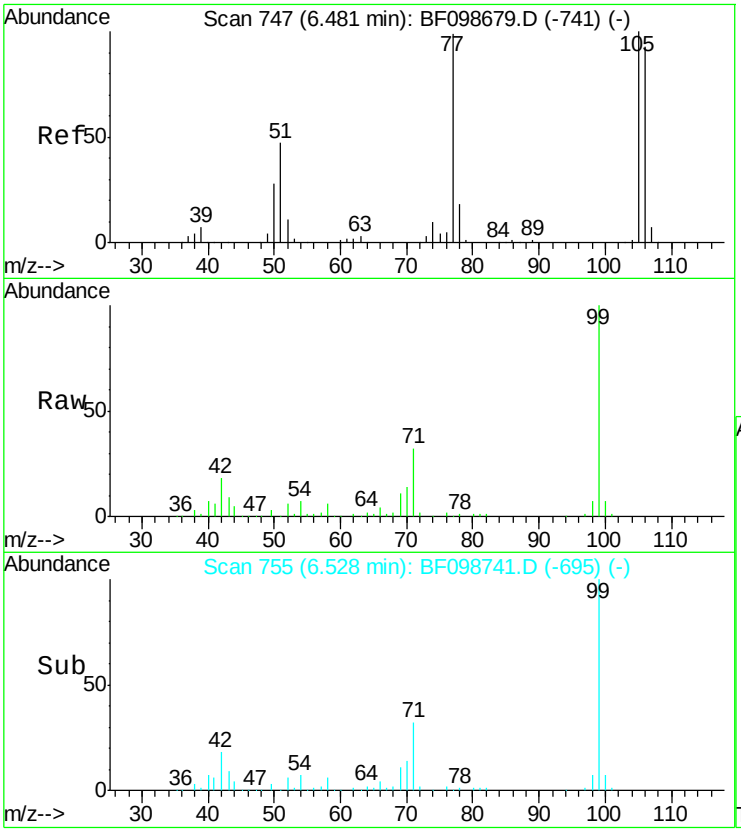


#7
Phenol-d6
Concen: 11.71 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion: 99 Resp: 150134

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.5	21.7
71	32.0	25.4	38.0



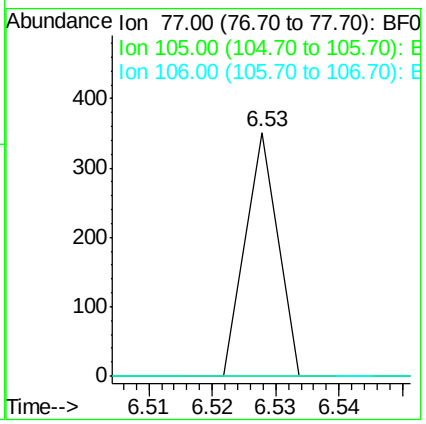


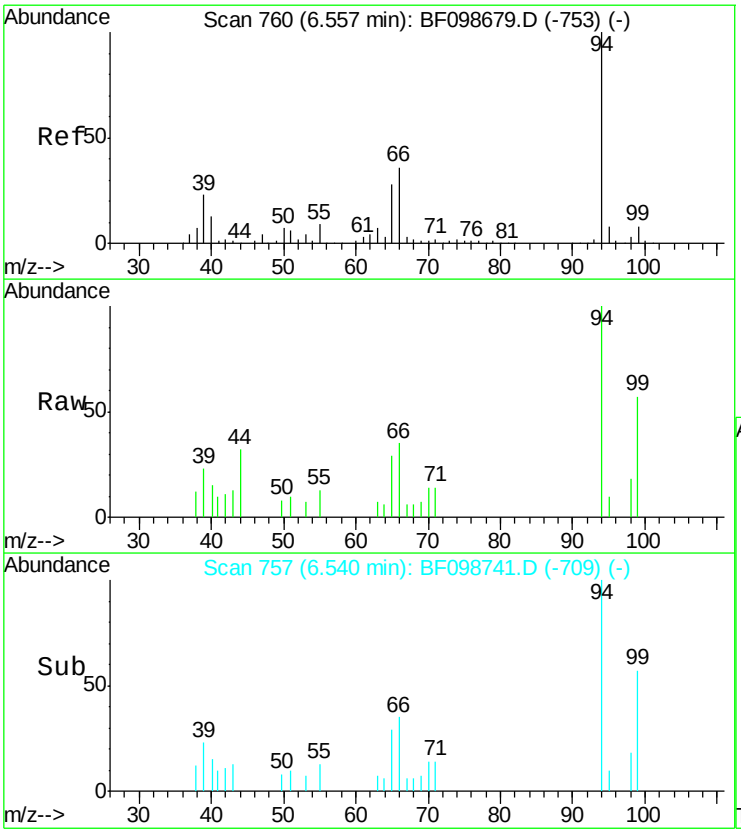
#9
Benzaldehyde
Concen: 0.02 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.05 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 124

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

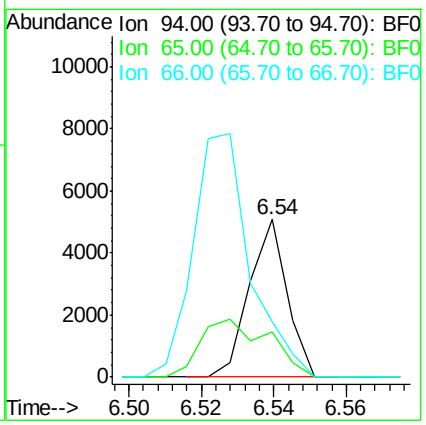


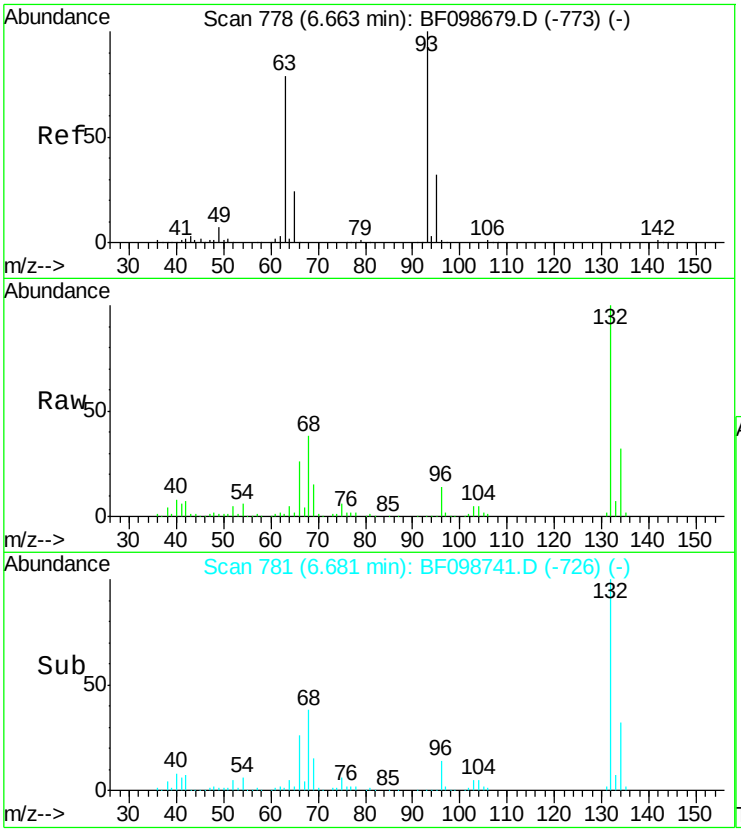


#10
Phenol
Concen: 0.26 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion: 94 Resp: 3691

Ion	Ratio	Lower	Upper
94	100		
65	28.7	7.9	47.9
66	35.0	16.2	56.2



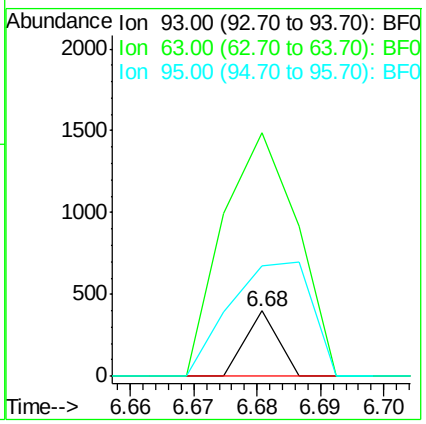


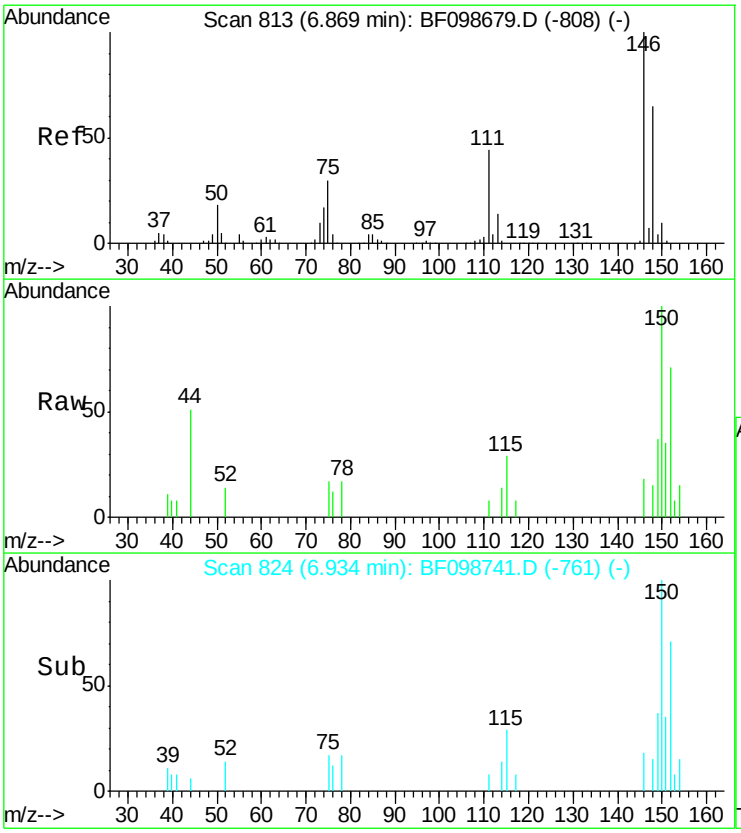
#11
bis(2-Chloroethyl)ether
Concen: 0.01 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.02 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 141

Ion	Ratio	Lower	Upper
93	100		
63	372.7	58.6	98.6#
95	169.7	11.8	51.8#

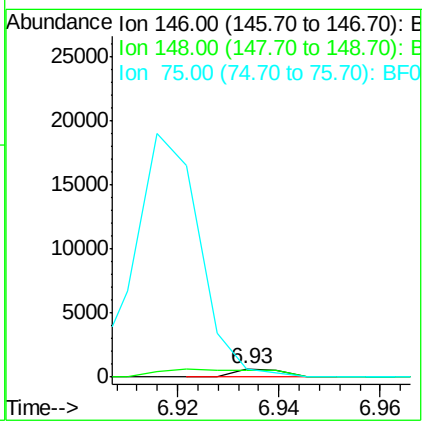


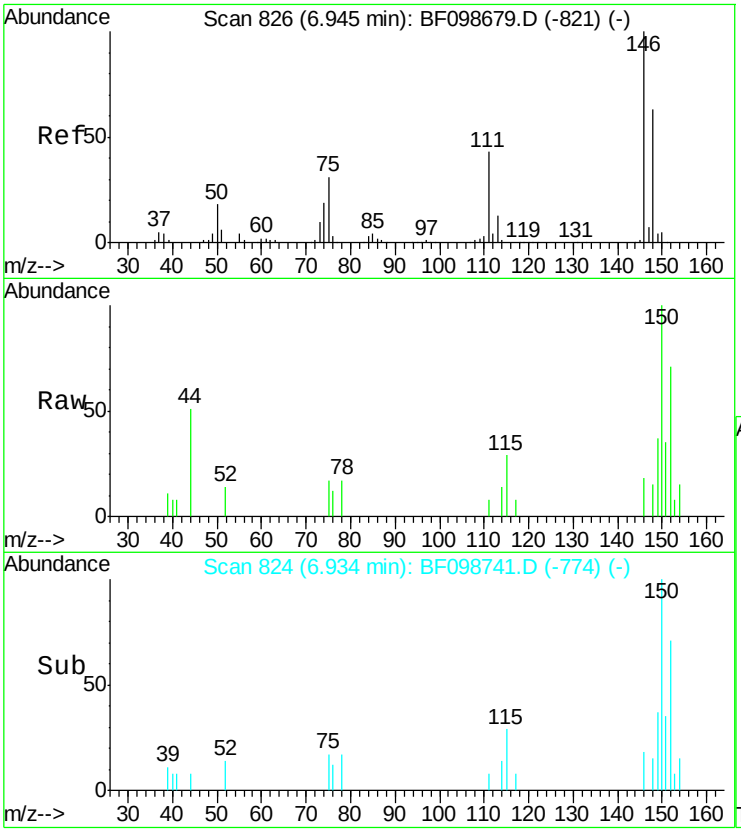


#12
1,3-Dichlorobenzene
Concen: 0.03 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.07 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:146 Resp: 428

Ion	Ratio	Lower	Upper
146	100		
148	84.0	51.8	77.8#
75	95.7	24.2	36.4#



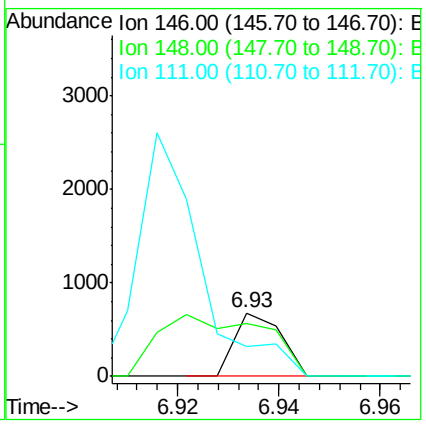


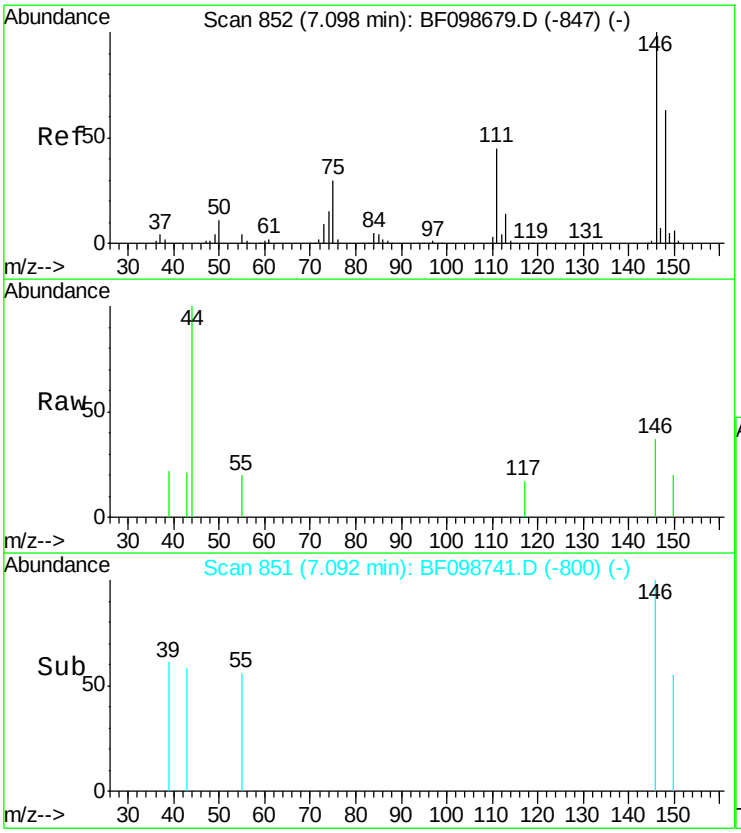
#13
1,4-Dichlorobenzene
Concen: 0.03 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 428

Ion	Ratio	Lower	Upper
146	100		
148	84.0	50.8	76.2#
111	46.9	34.2	51.2

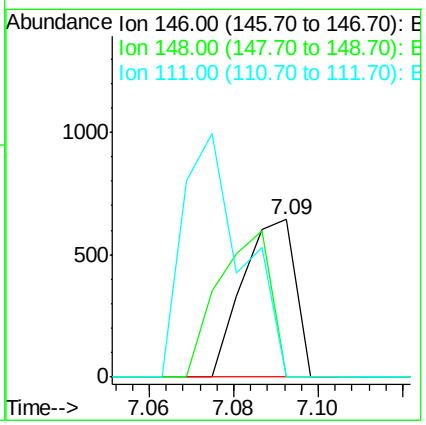


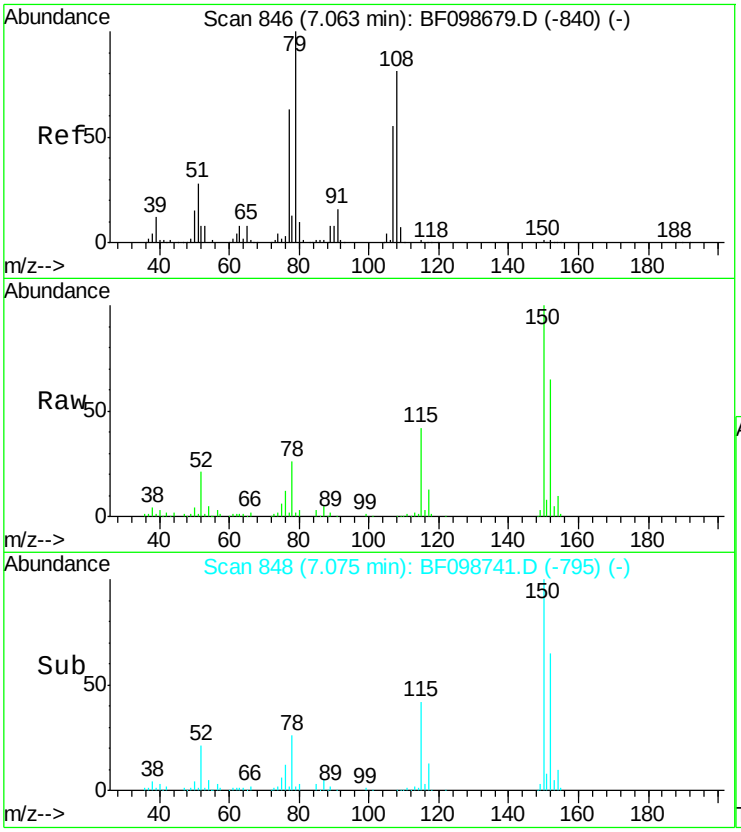


#14
1,2-Dichlorobenzene
Concen: 0.05 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:146 Resp: 556

Ion	Ratio	Lower	Upper
146	100		
148	0.0	50.6	75.8#
111	0.0	36.0	54.0#



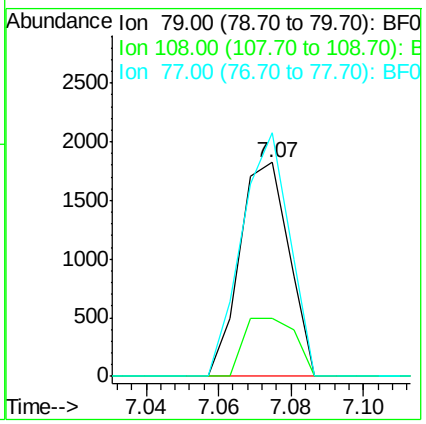


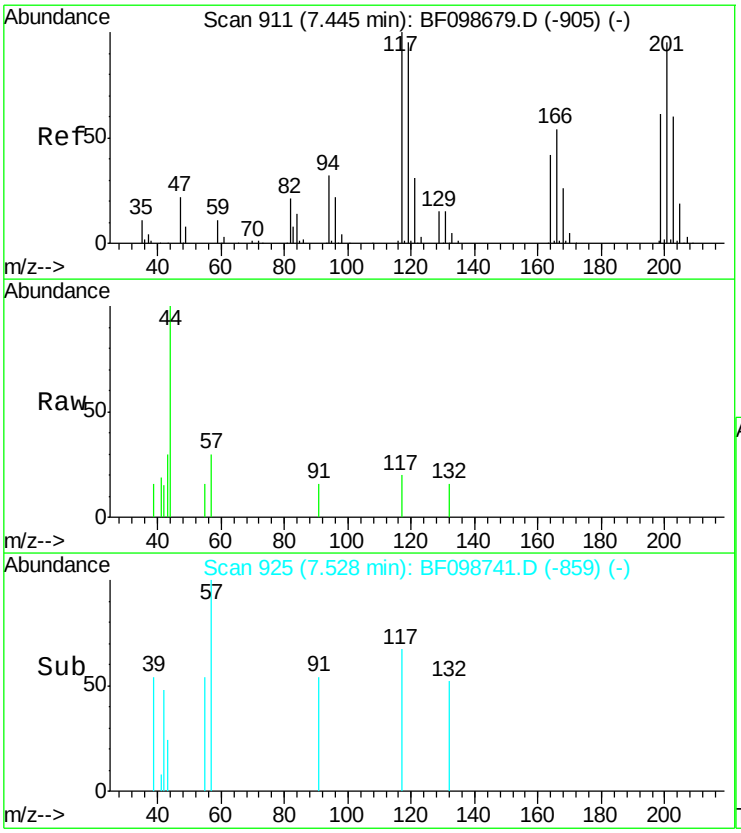
#15
Benzyl Alcohol
Concen: 0.18 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 1723

Ion	Ratio	Lower	Upper
79	100		
108	27.3	65.1	97.7#
77	113.8	50.6	75.8#

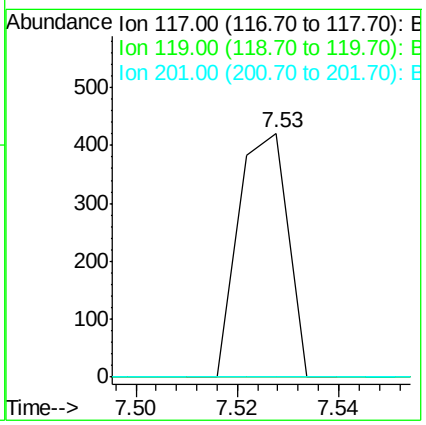


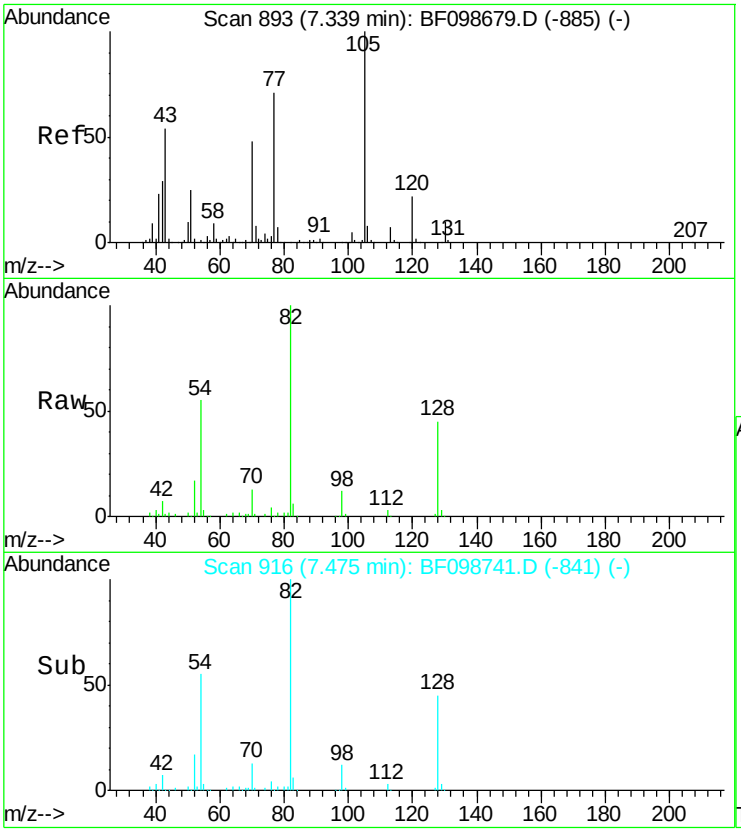


#18
Hexachloroethane
Concen: 0.06 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.09 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:117 Resp: 284

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



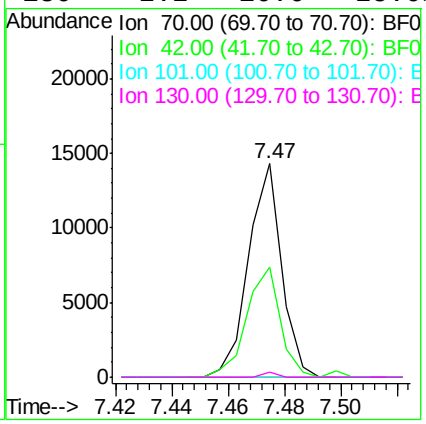


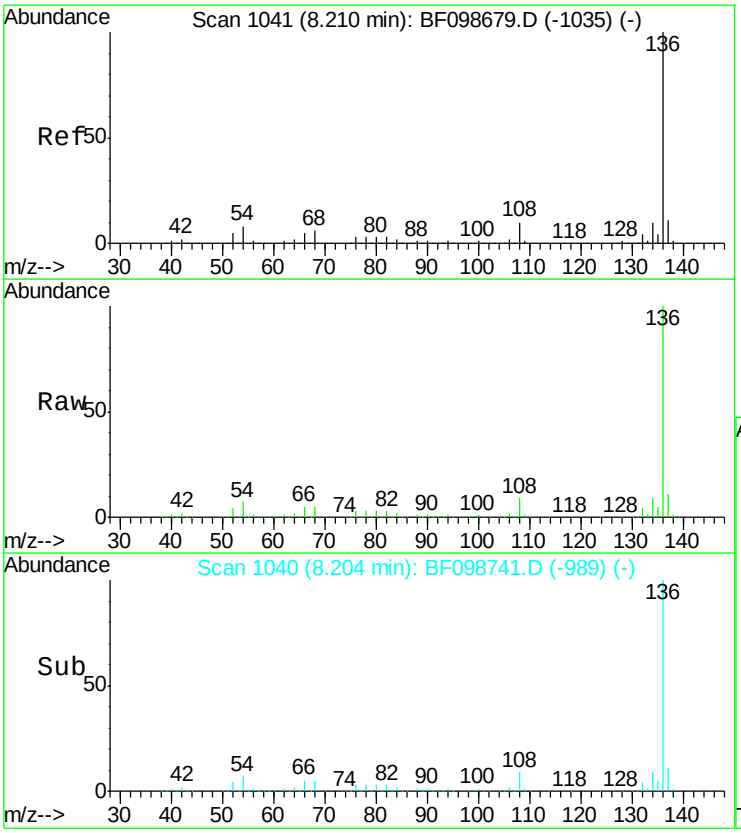
#19
n-Nitroso-di-n-propylamine
Concen: 1.42 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 11602

Ion	Ratio	Lower	Upper
70	100		
42	51.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

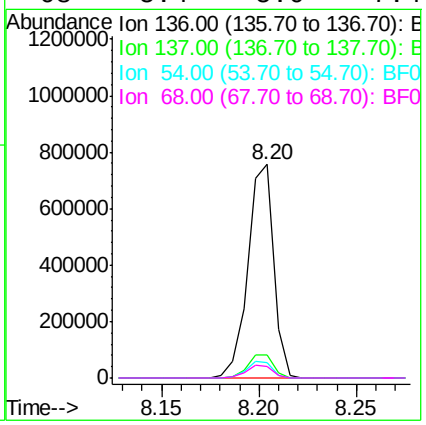


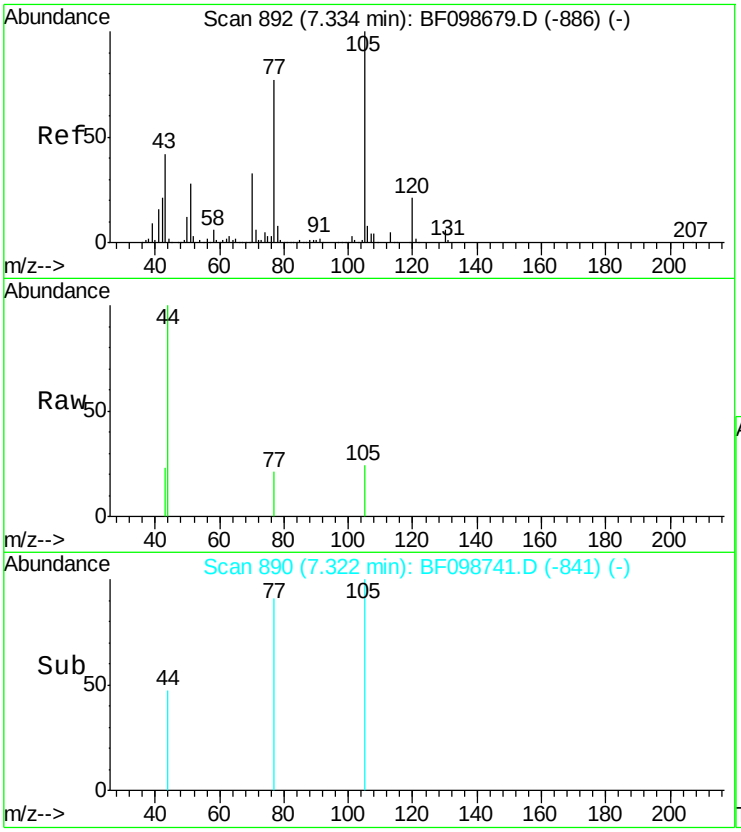


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:136 Resp: 692614

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.0	6.6	9.8
68	5.4	5.0	7.4



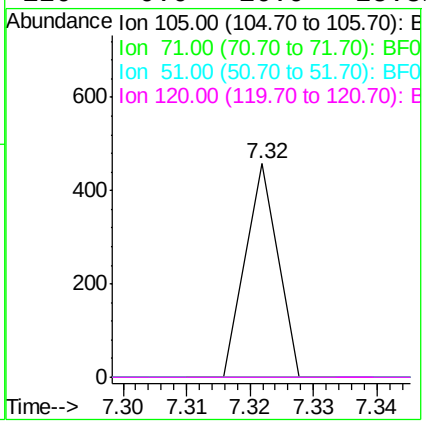


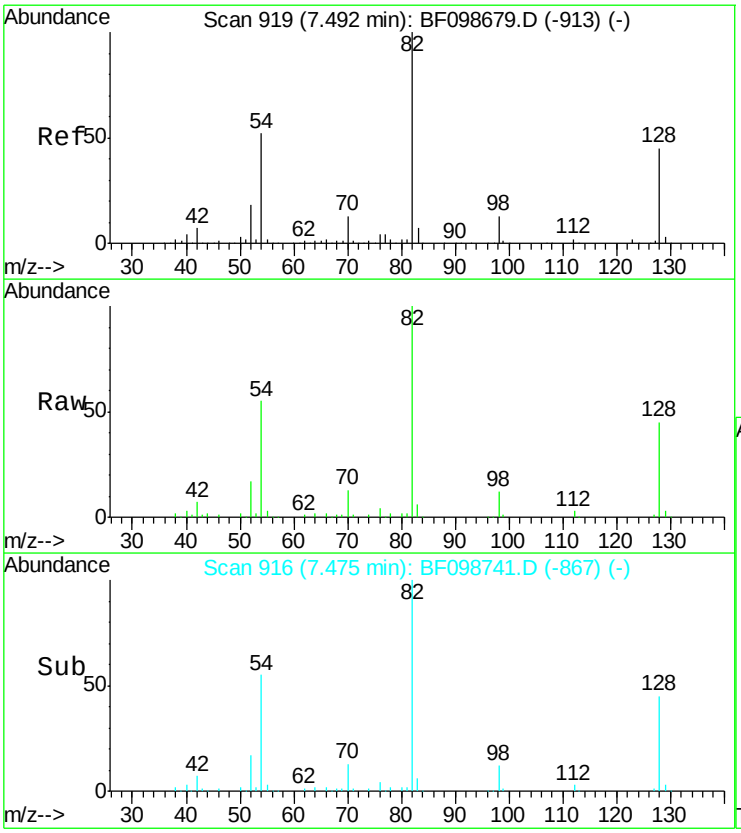
#22
Acetophenone
Concen: 0.01 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 162

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#

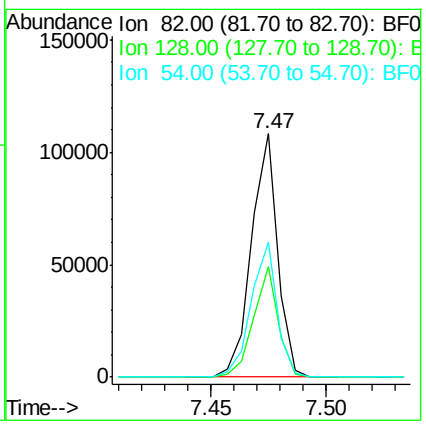


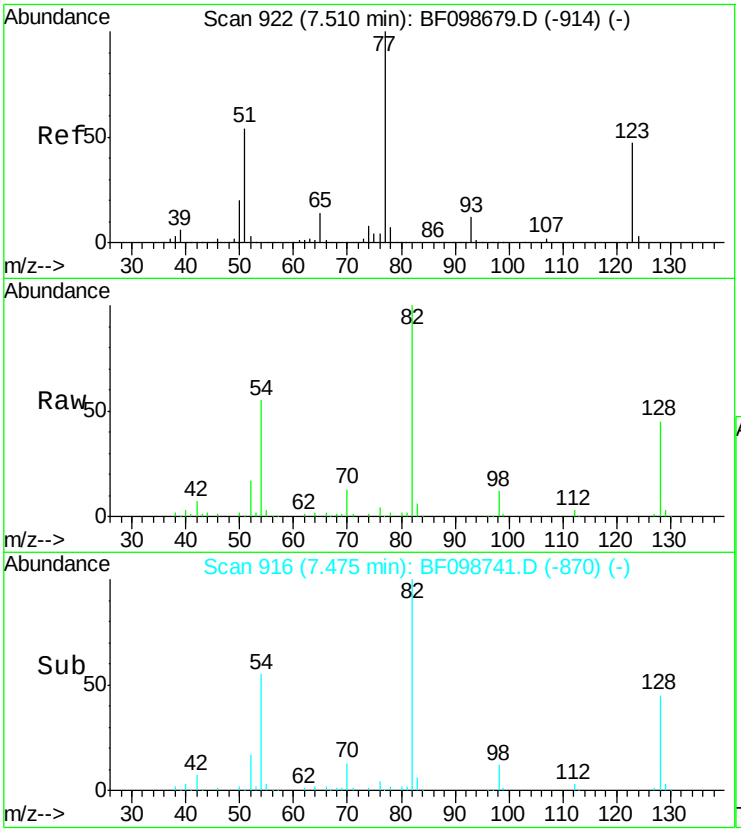


#23
Nitrobenzene-d5
Concen: 7.97 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion: 82 Resp: 86072

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	55.2	41.4	62.2



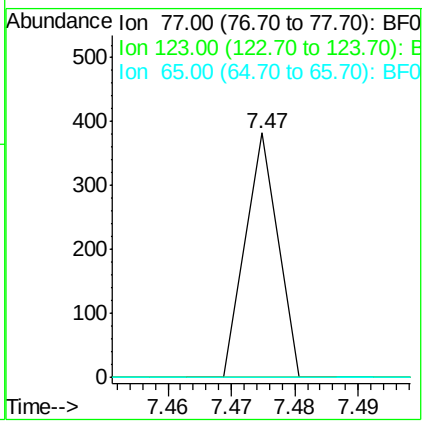


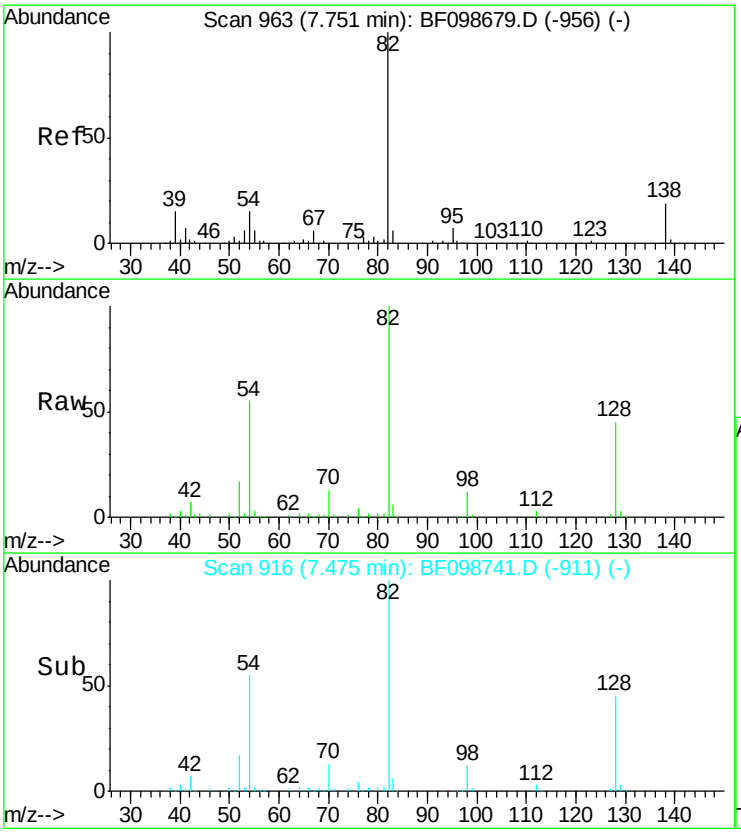
#24
Nitrobenzene
Concen: 0.01 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 135

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

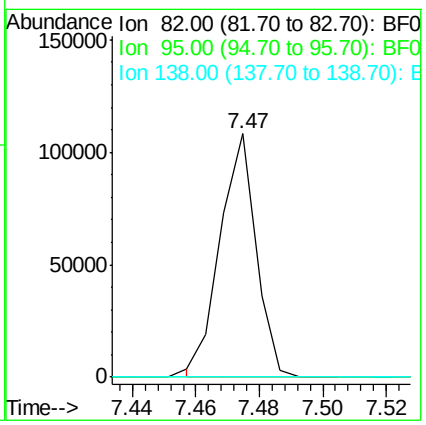


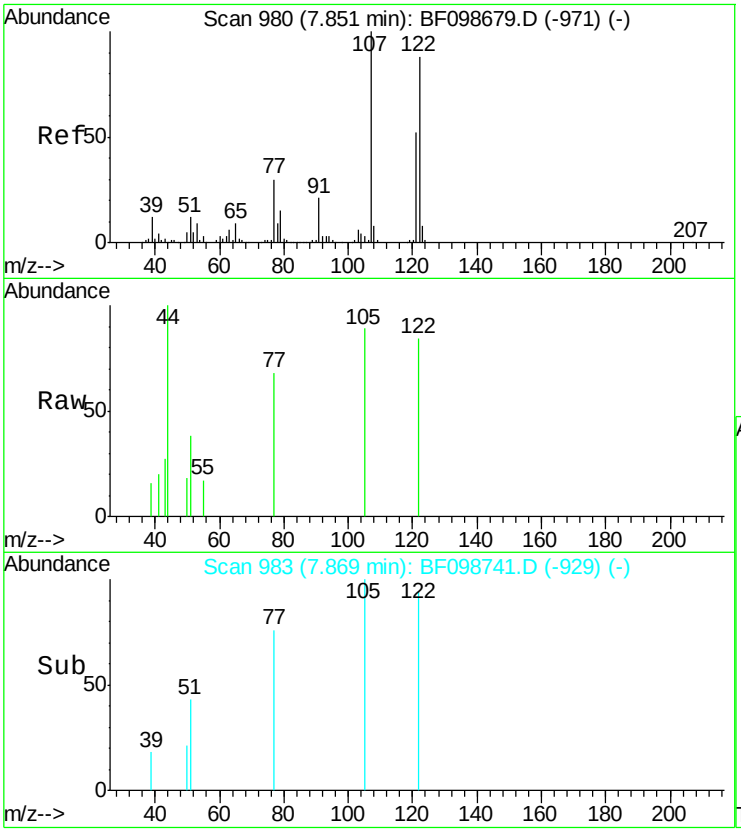


#25
Isophorone
Concen: 3.80 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.27 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion: 82 Resp: 84750

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



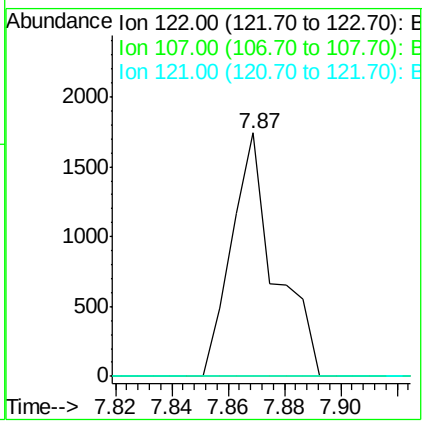


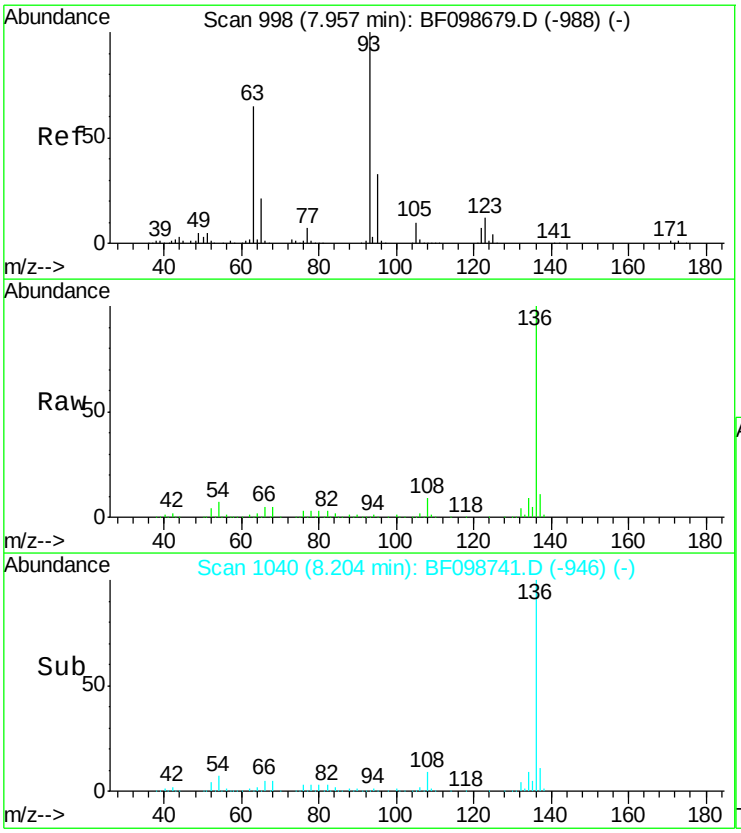
#27
2,4-Dimethylphenol
Concen: 0.17 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.02 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 1859

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

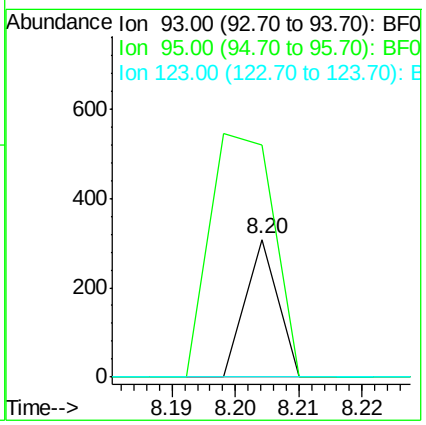


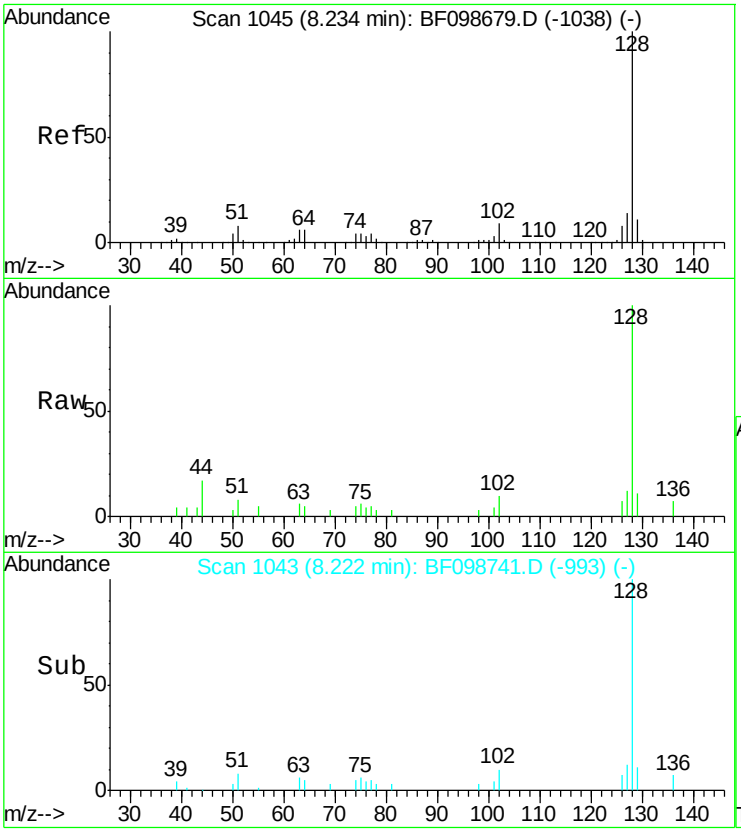


#28
bis(2-Chloroethoxy)methane
Concen: 0.01 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.25 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion: 93 Resp: 109

Ion	Ratio	Lower	Upper
93	100		
95	168.5	26.3	39.5#
123	0.0	9.8	14.6#



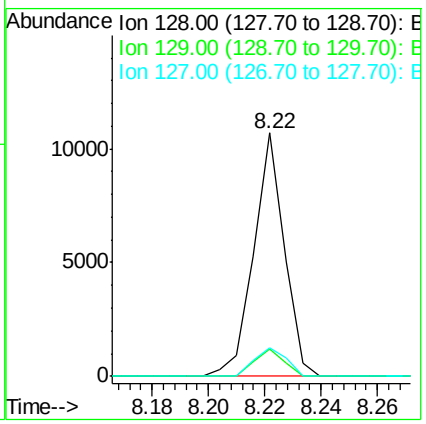


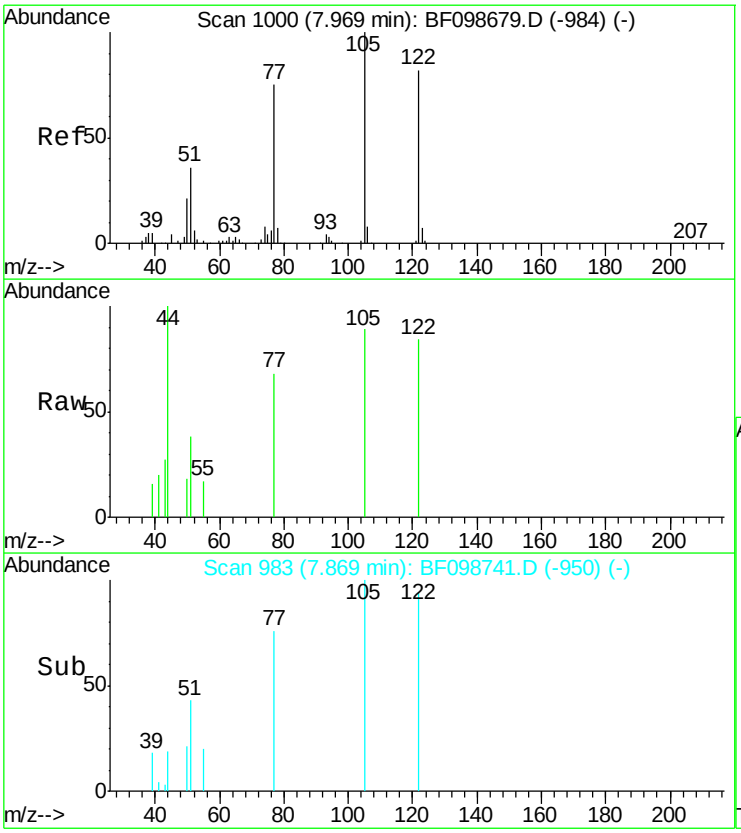
#31
Naphthalene
Concen: 0.25 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 8043

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	11.6	10.9	16.3

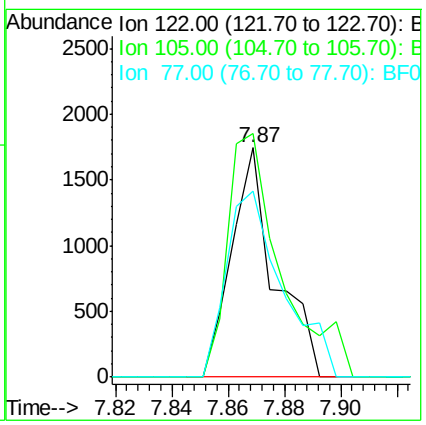


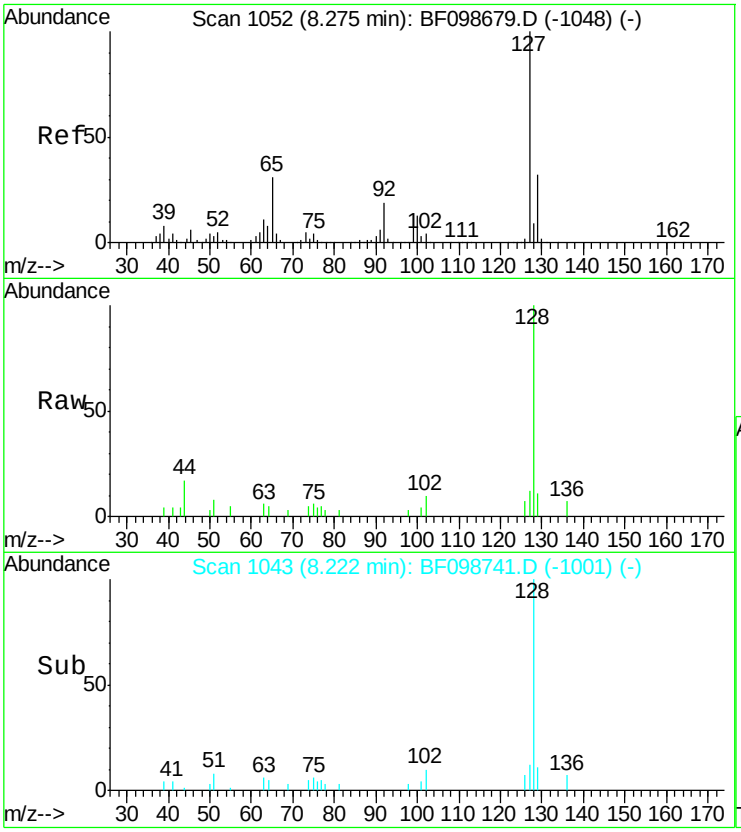


#32
Benzoic acid
Concen: 0.20 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.11 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:122 Resp: 1859

Ion	Ratio	Lower	Upper
122	100		
105	106.3	101.1	141.1
77	81.2	70.7	110.7



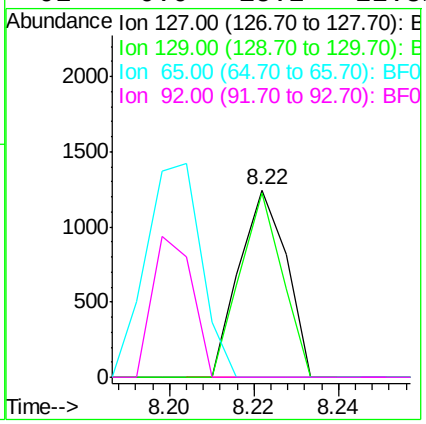


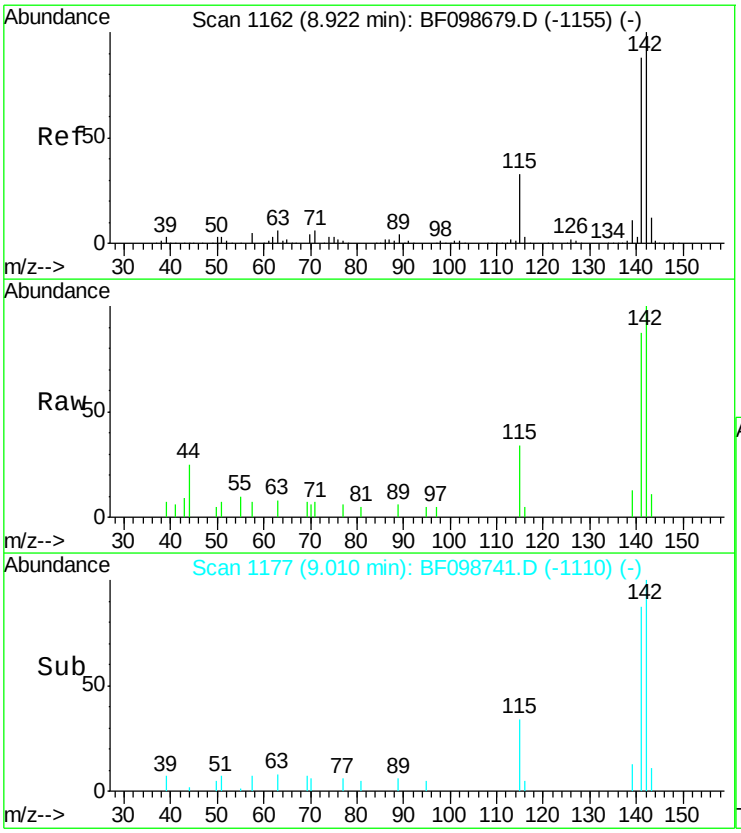
#33
4-Chloroaniline
Concen: 0.07 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 971

Ion	Ratio	Lower	Upper
127	100		
129	98.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

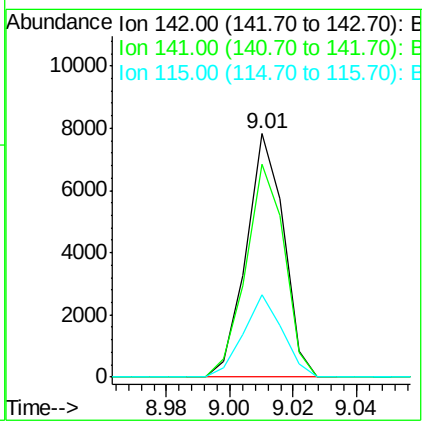


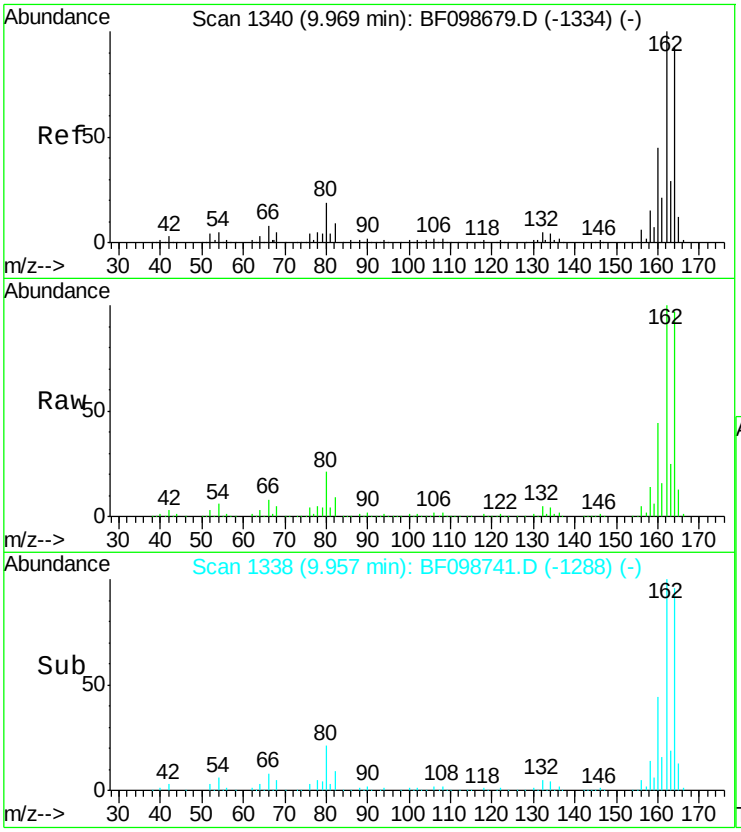


#37
2-Methylnaphthalene
Concen: 0.30 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.09 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:142 Resp: 6412

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.8	106.2
115	33.9	26.1	39.1



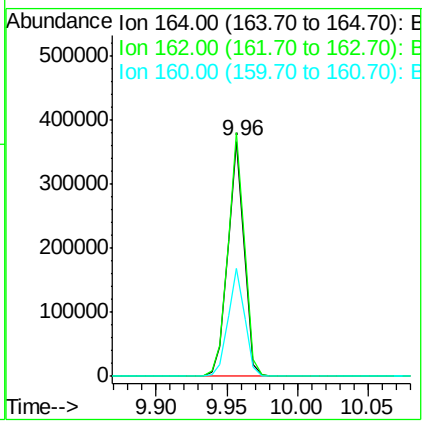


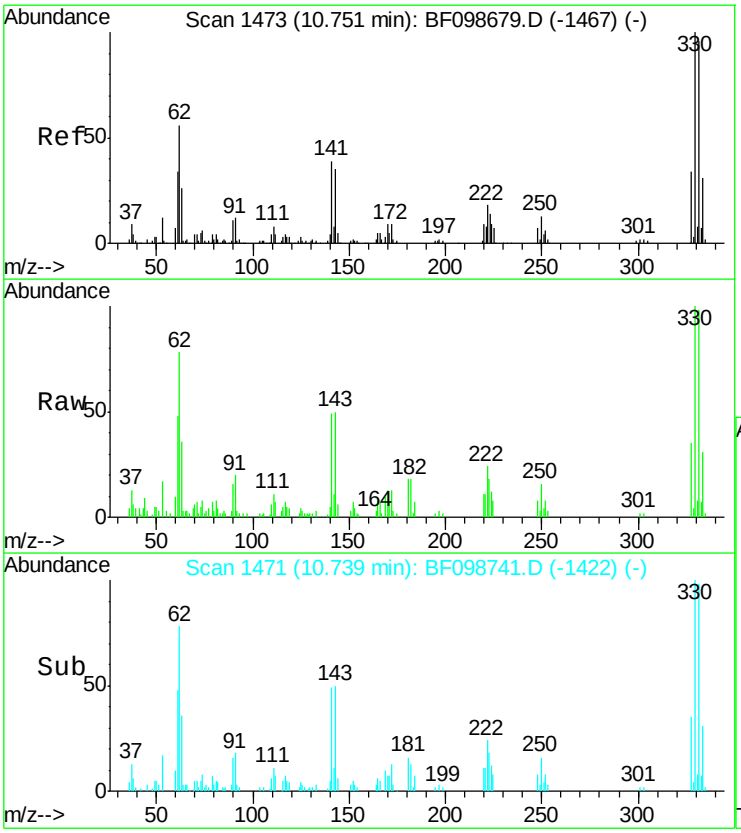
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 295002

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	46.0	38.3	57.5

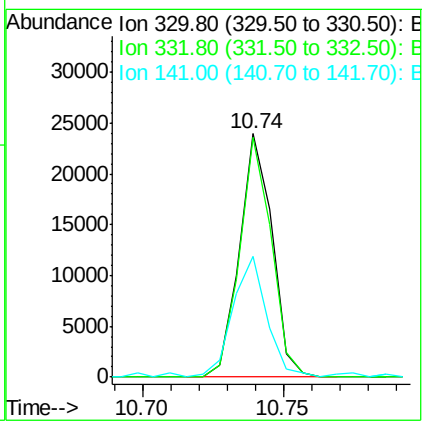


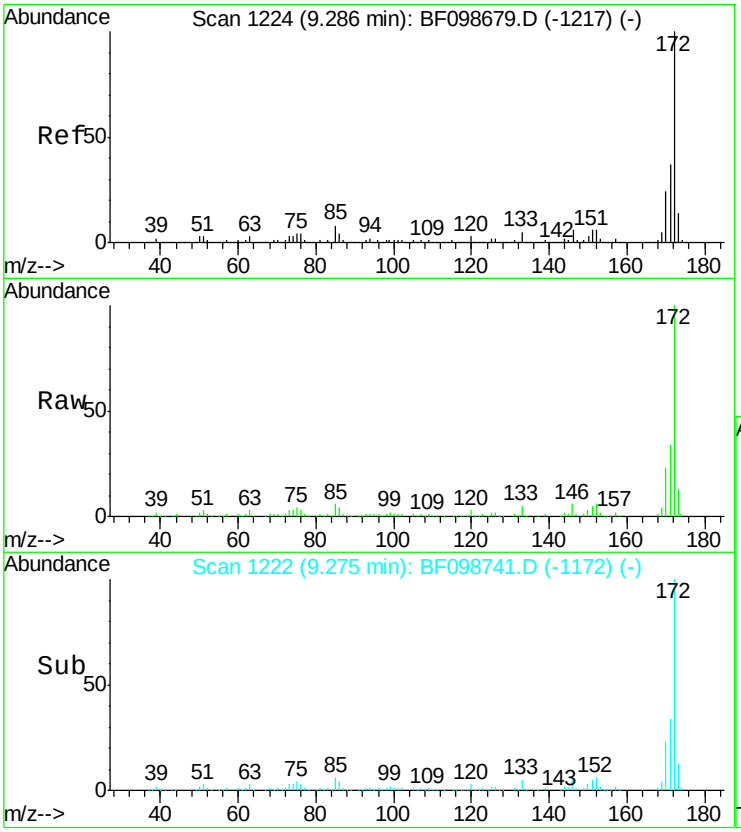


#41
2,4,6-Tribromophenol
Concen: 7.93 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:330 Resp: 19144

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	52.5	29.9	44.9#



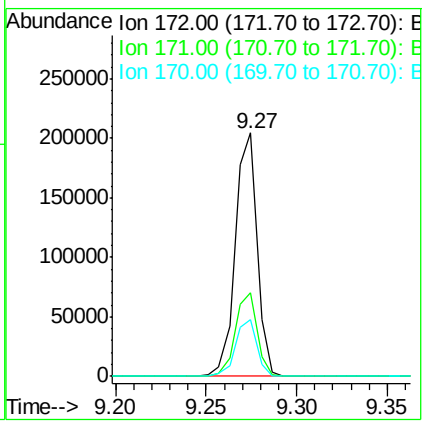


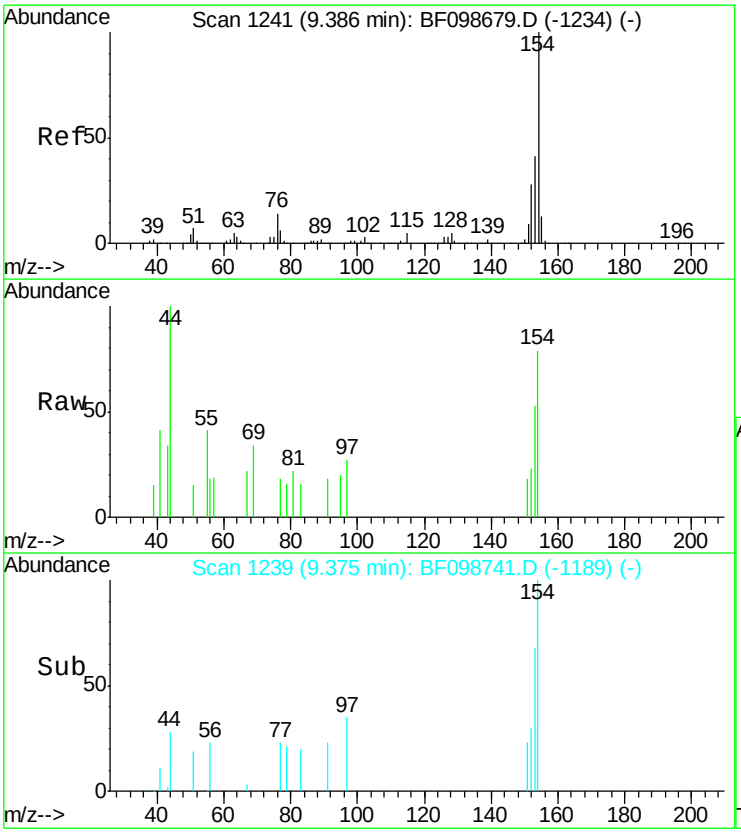
#44
2-Fluorobiphenyl
Concen: 9.70 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 171411

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	23.4	19.6	29.4

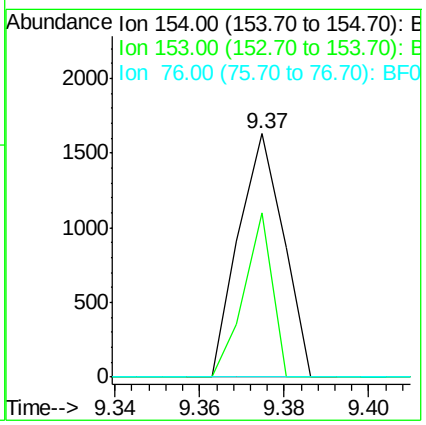


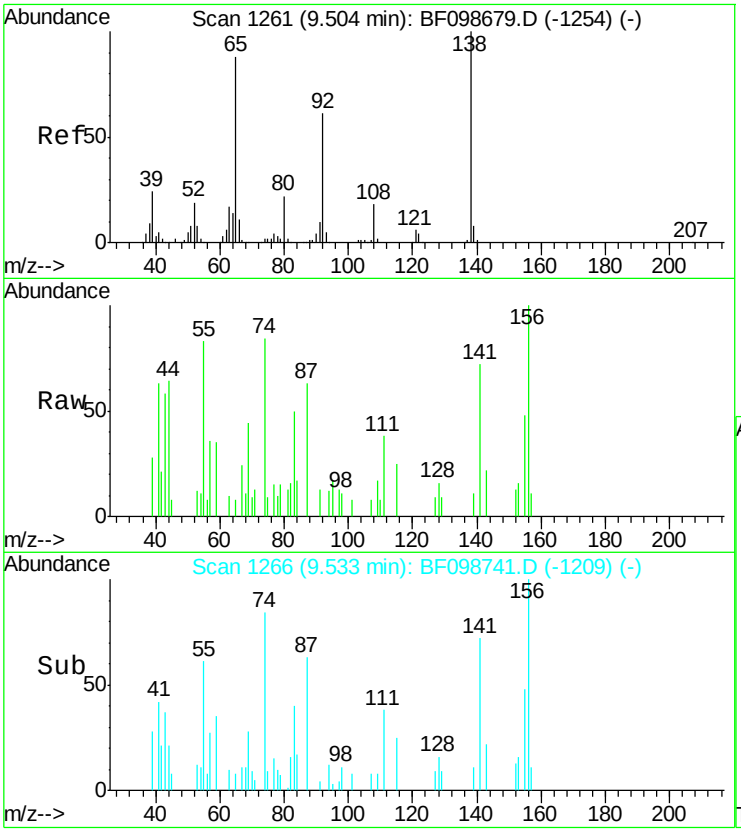


#45
1,1'-Biphenyl
Concen: 0.05 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:154 Resp: 1205

Ion	Ratio	Lower	Upper
154	100		
153	67.5	21.3	61.3#
76	0.0	0.0	34.0



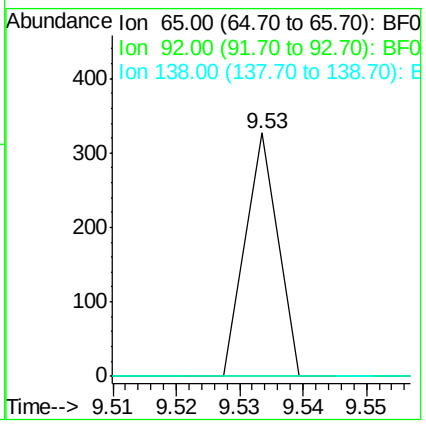


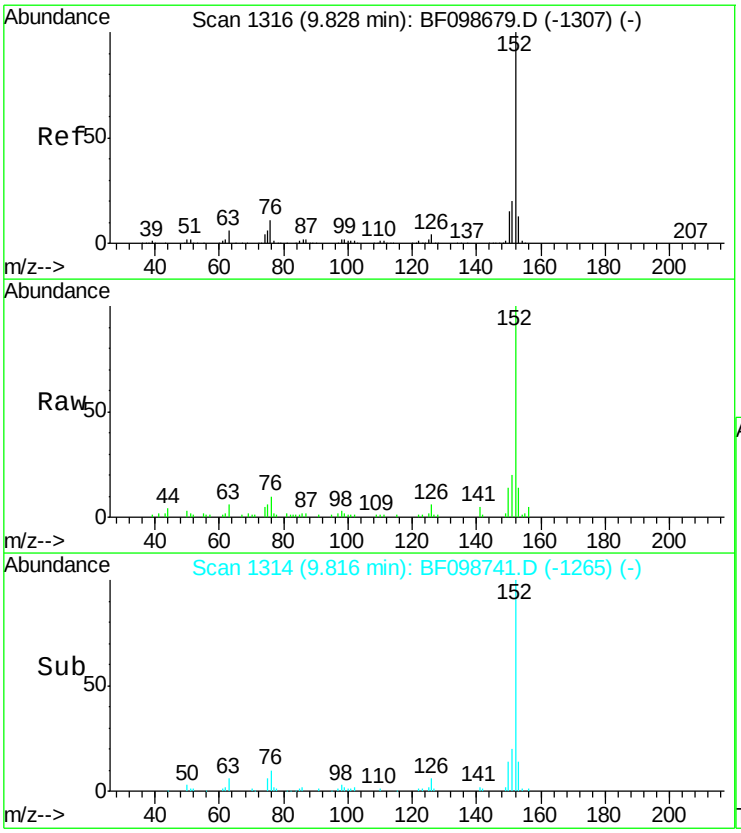
#47
2-Nitroaniline
Concen: 0.02 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.04 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 115

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

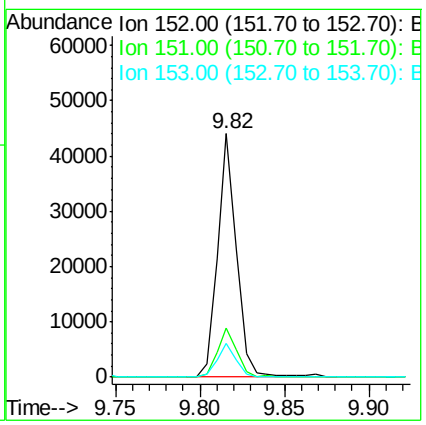


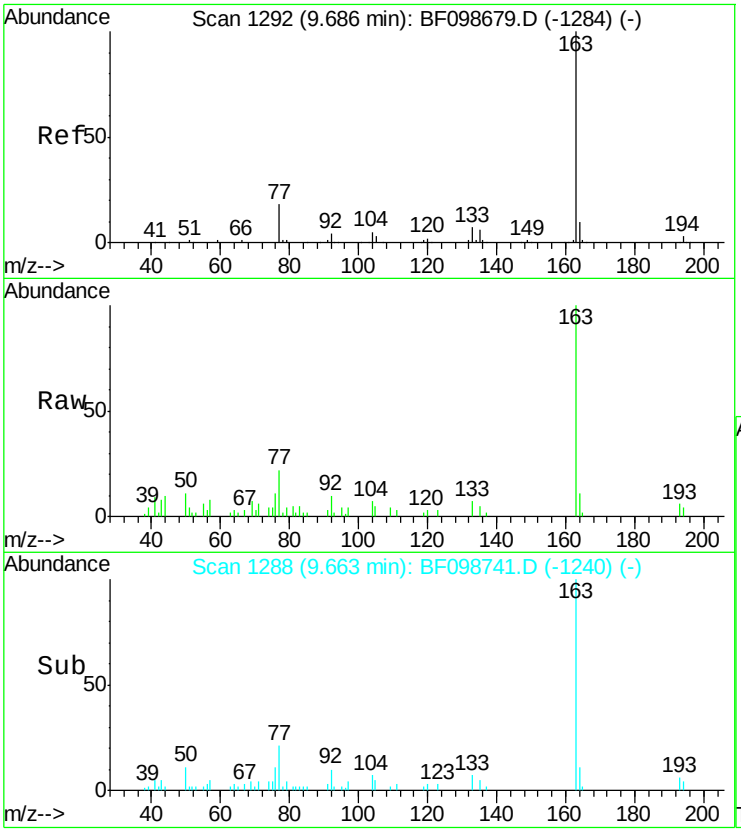


#48
Acenaphthylene
Concen: 1.19 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:152 Resp: 34703

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.7	10.7	16.1



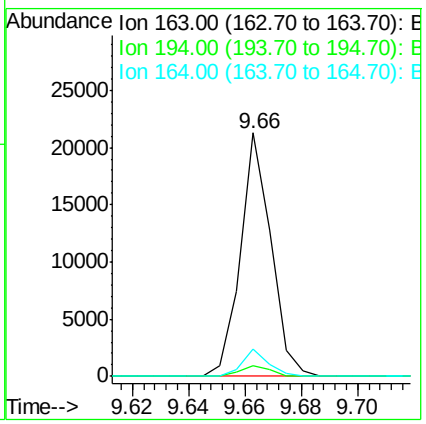


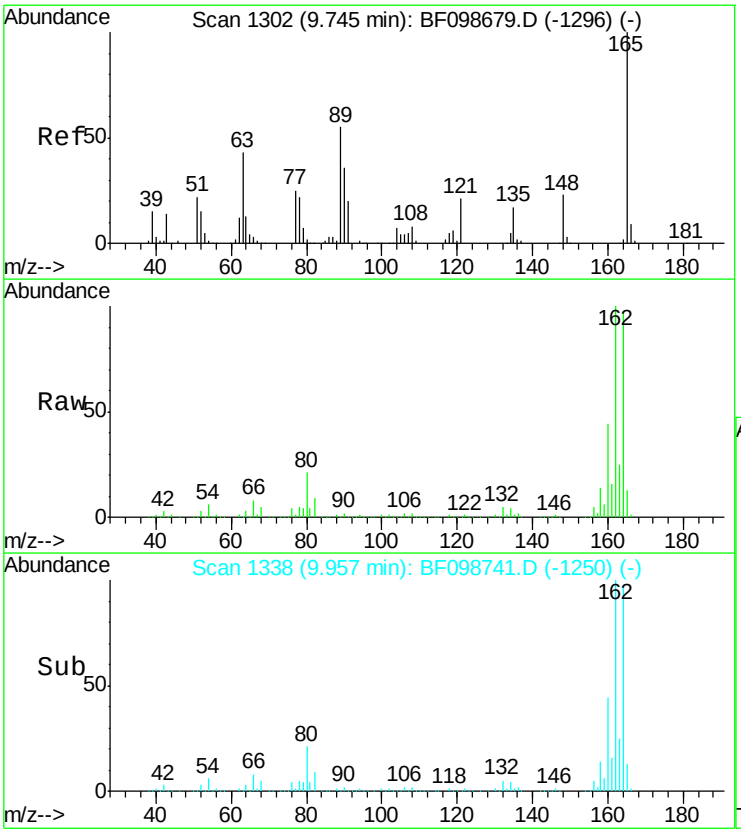
#49
Dimethylphthalate
Concen: 0.72 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 15944

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	11.0	8.2	12.2

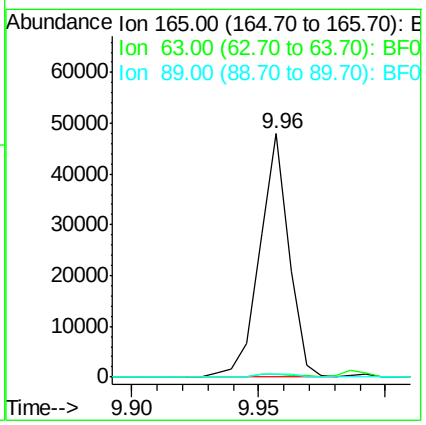


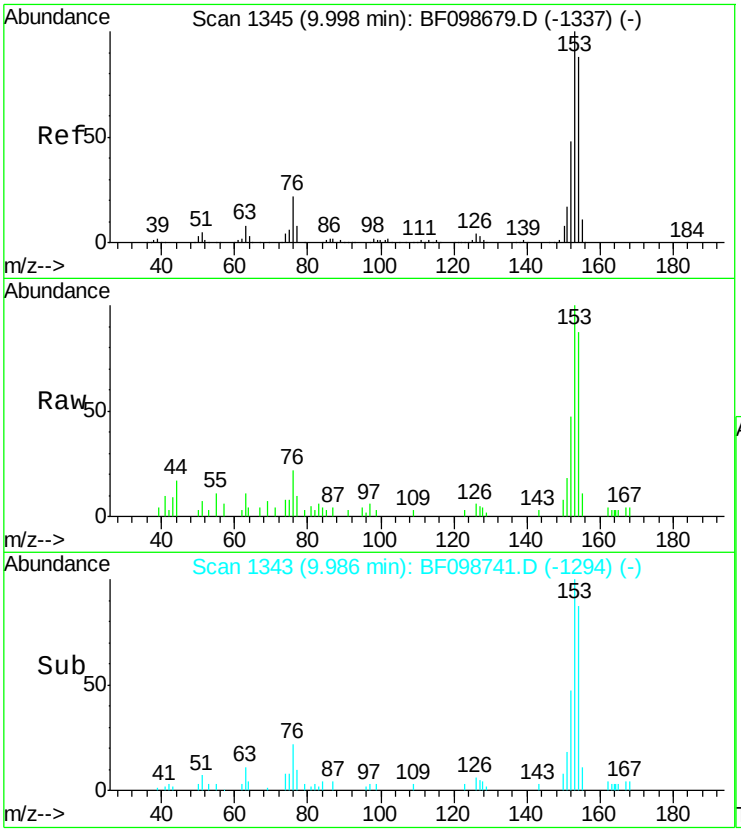


#50
2,6-Dinitrotoluene
Concen: 7.92 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.22 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:165 Resp: 38407

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.0	44.0	66.0#



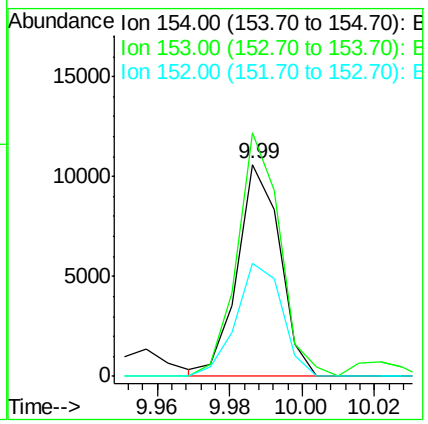


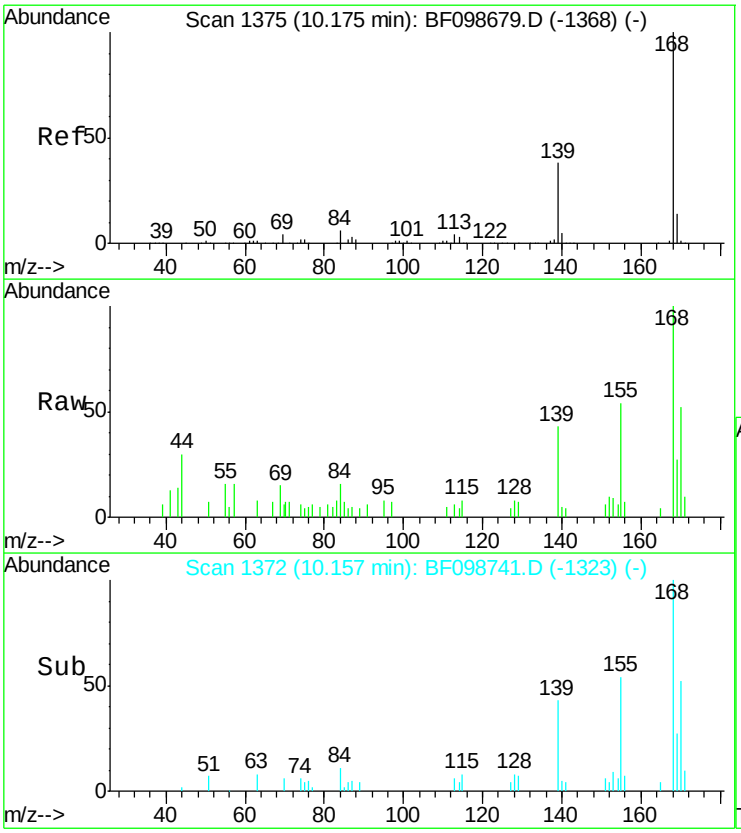
#51
Acenaphthene
Concen: 0.47 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 8728

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.2	136.8
152	53.6	43.8	65.8

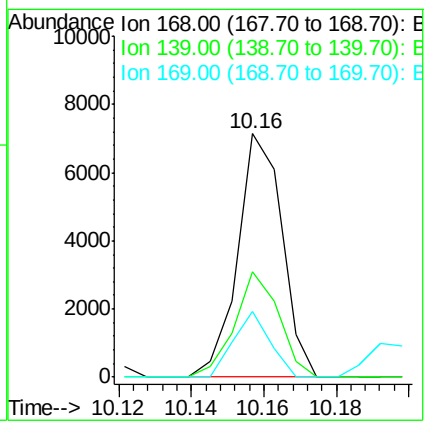


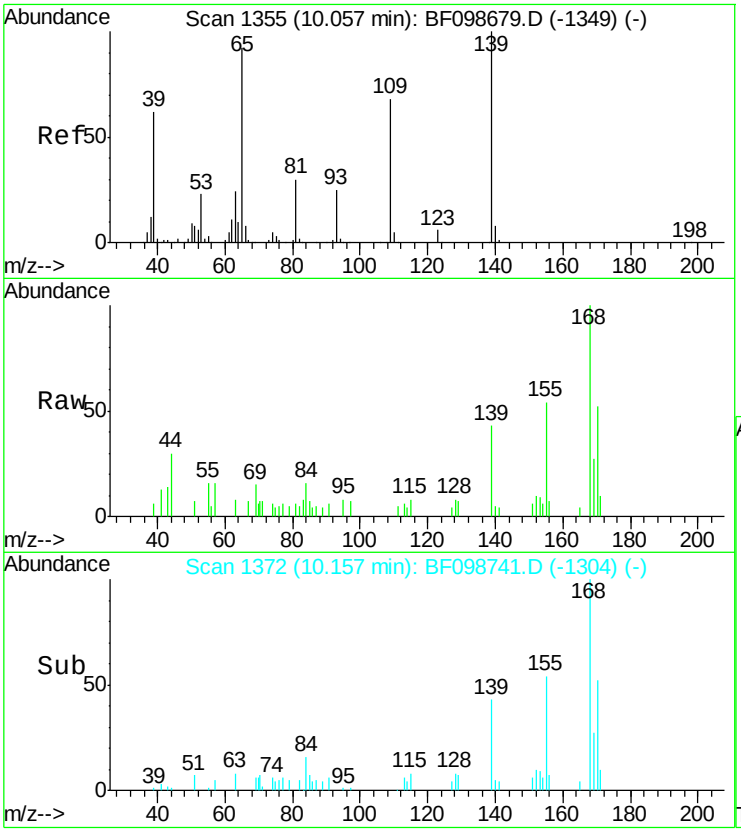


#54
Dibenzofuran
Concen: 0.25 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:168 Resp: 6058

Ion	Ratio	Lower	Upper
168	100		
139	43.2	30.1	45.1
169	27.0	10.9	16.3#



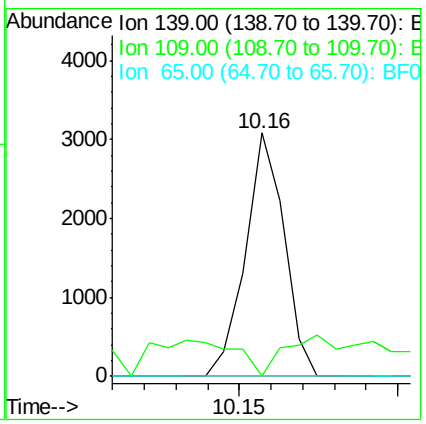


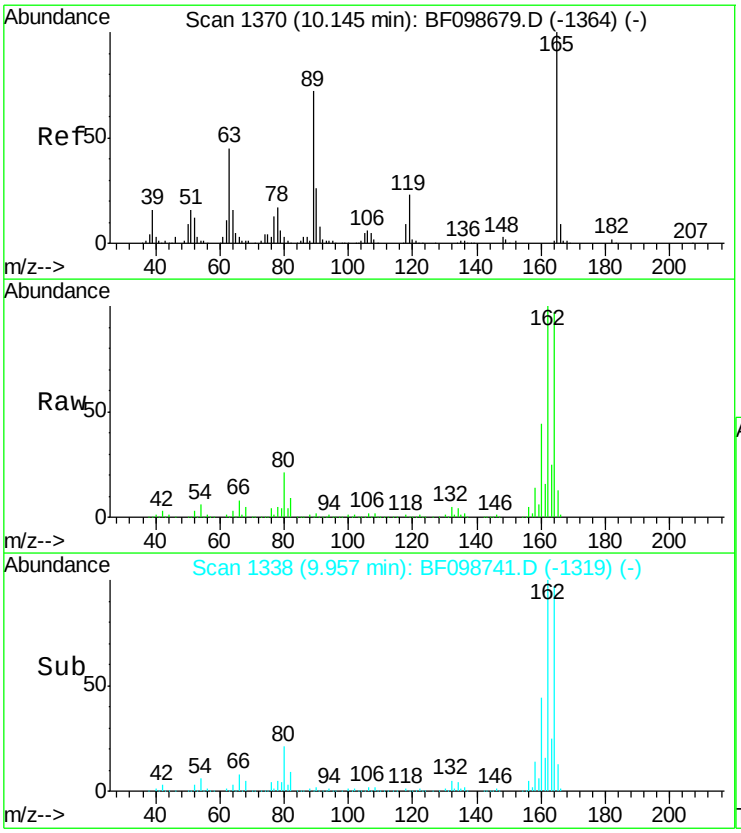
#55
4-Nitrophenol
Concen: 0.55 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.10 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 2611

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

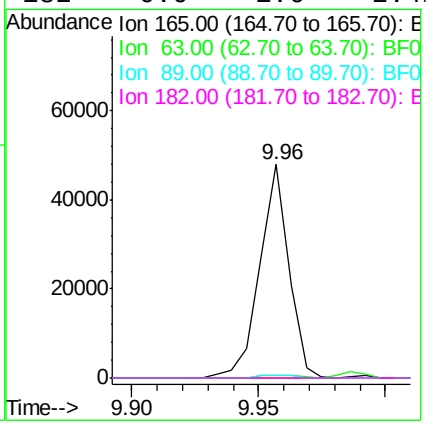


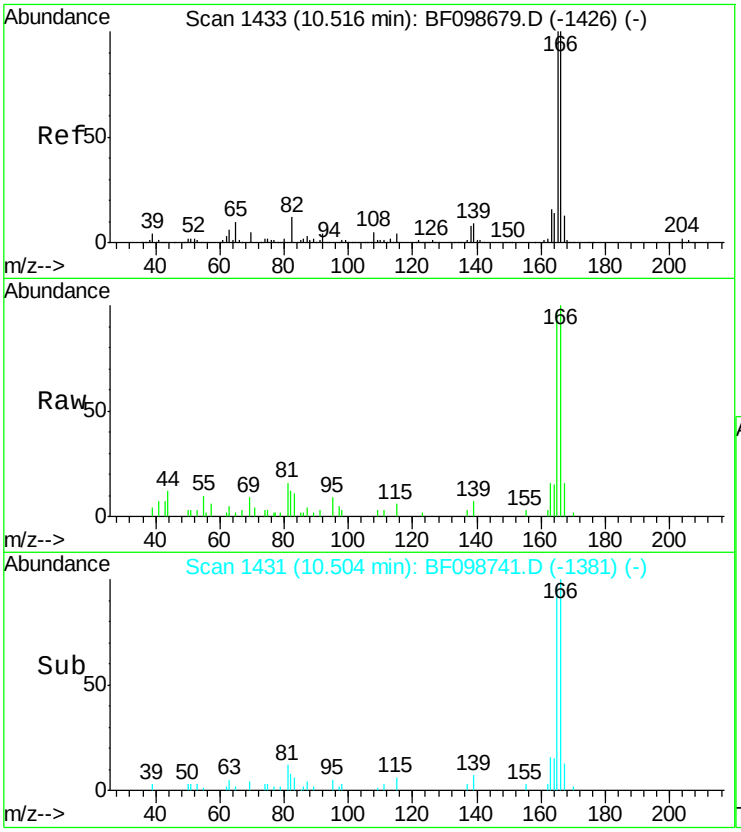


#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.19 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:165 Resp: 38407

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#



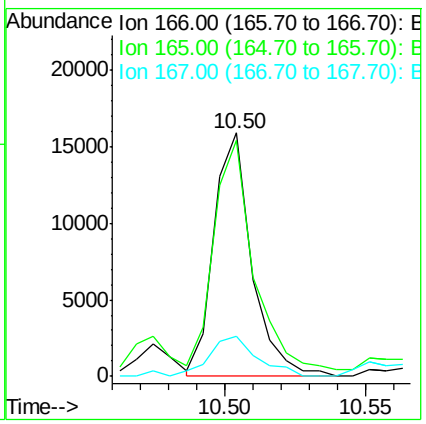


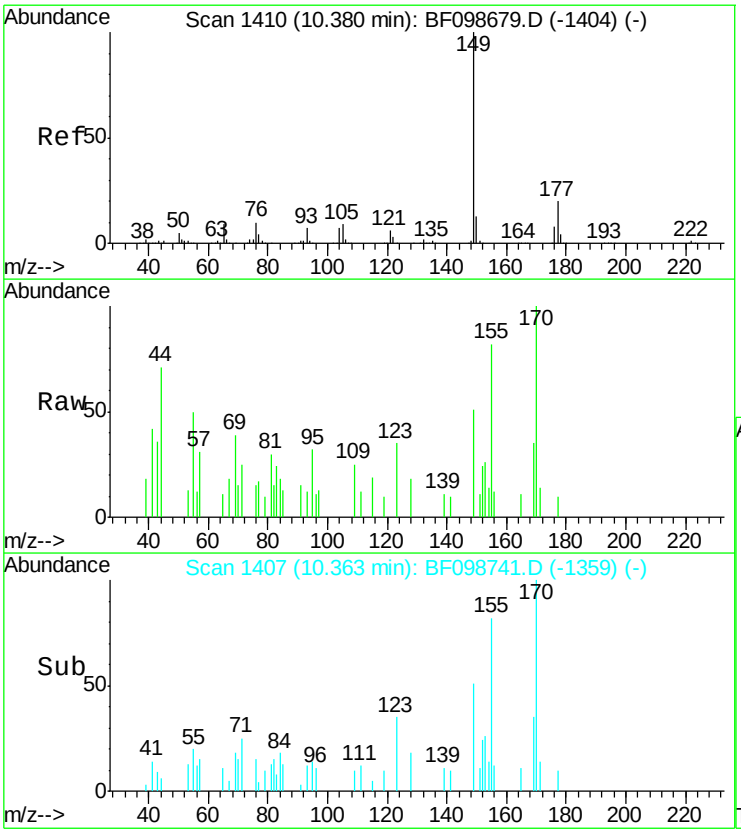
#57
Fluorene
Concen: 0.75 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 14884

Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.8	119.8
167	16.3	10.6	16.0#

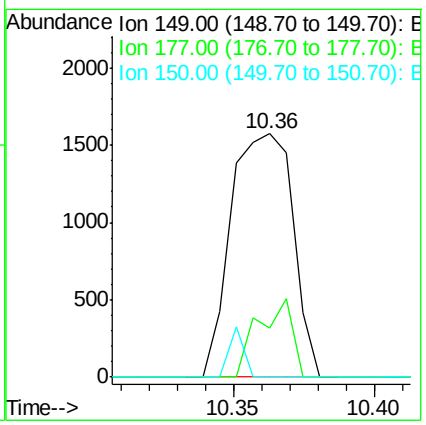


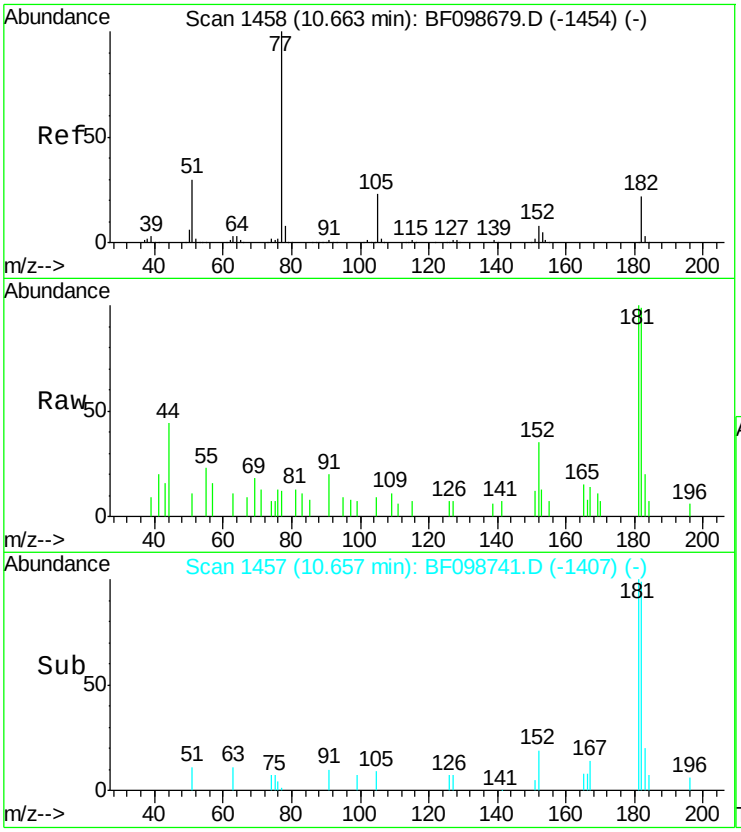


#59
Diethylphthalate
Concen: 0.11 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:149 Resp: 2390

Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.1	24.1
150	0.0	10.1	15.1#



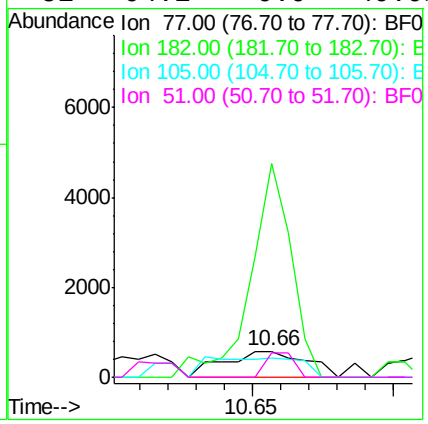


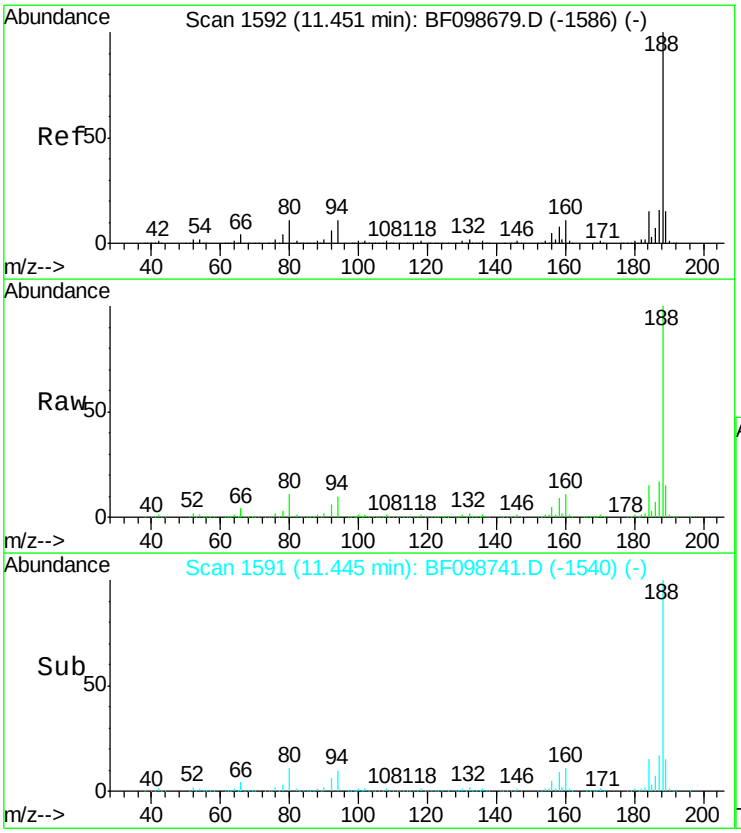
#62
Azobenzene
Concen: 0.06 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1165

Ion	Ratio	Lower	Upper
77	100		
182	826.8	1.7	41.7#
105	74.3	3.0	43.0#
51	94.1	9.9	49.9#

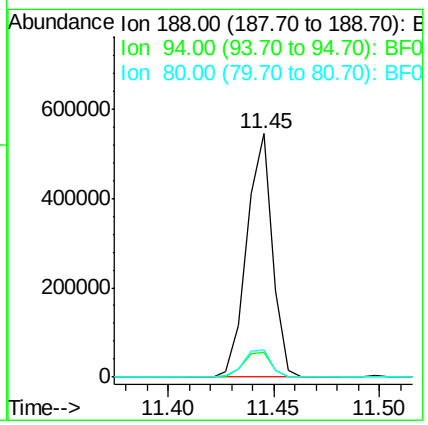


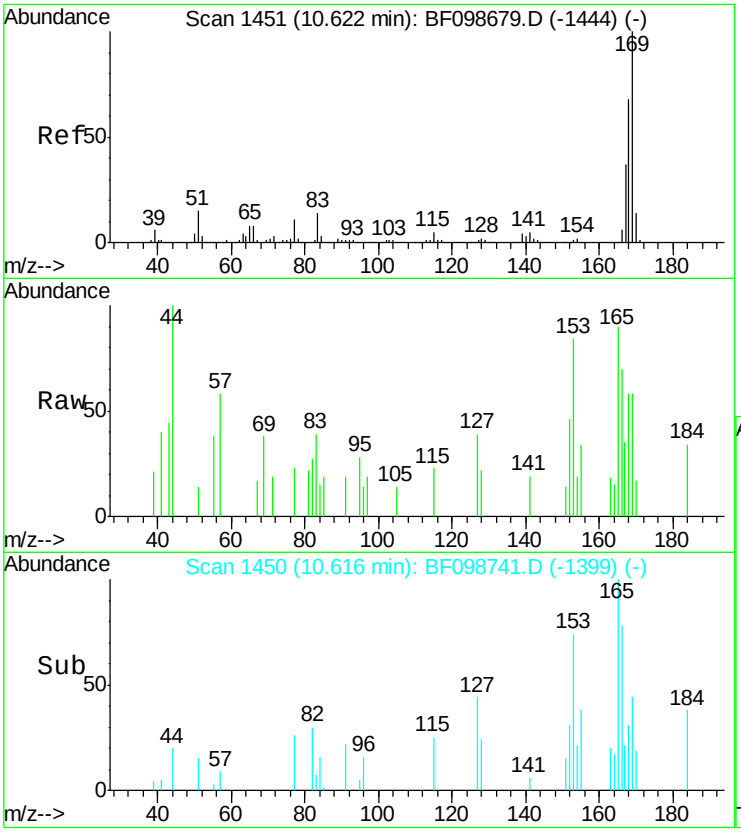


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:188 Resp: 458029

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.3	9.2	13.8



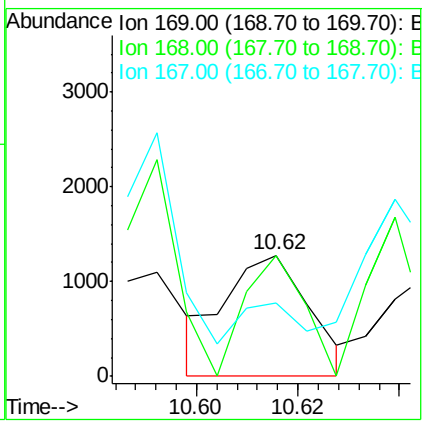


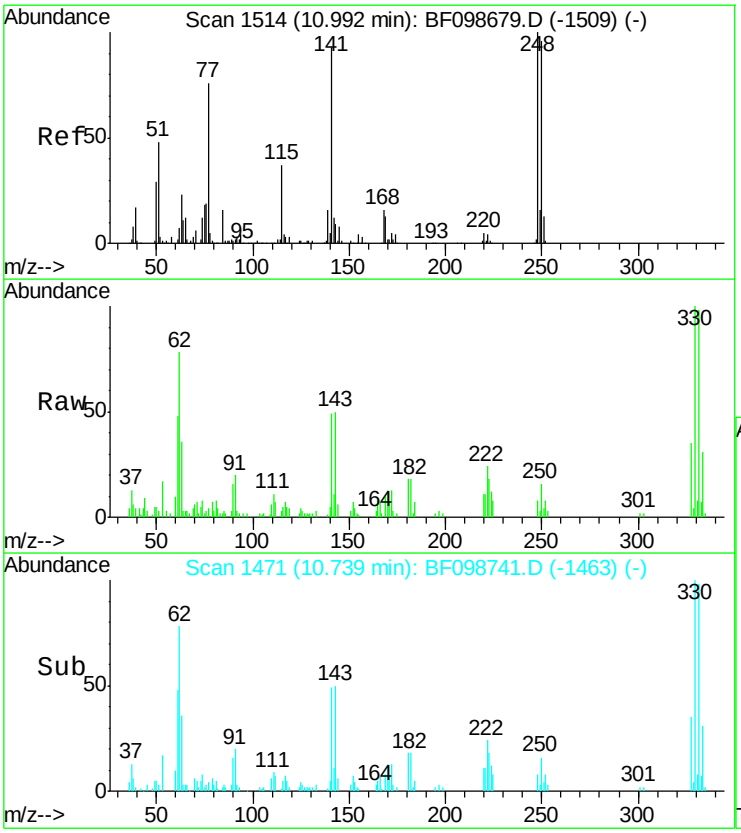
#65
n-Nitrosodiphenylamine
Concen: 0.09 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 1467

Ion	Ratio	Lower	Upper
169	100		
168	99.5	54.4	81.6#
167	61.0	29.8	44.6#

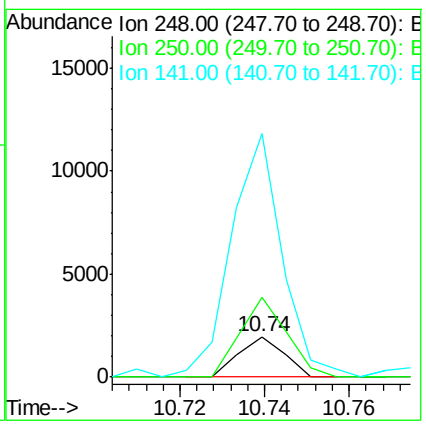


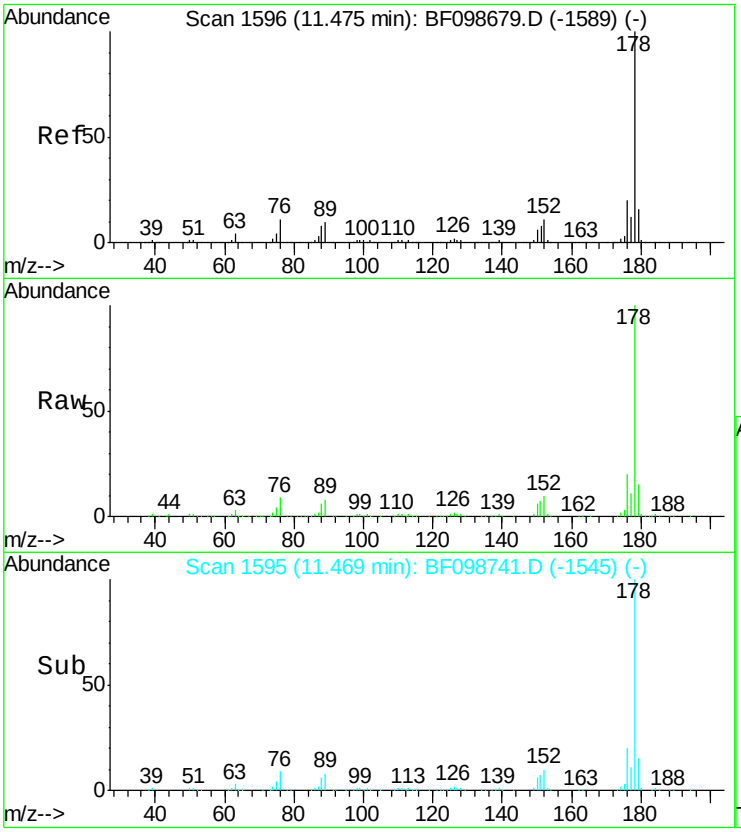


#66
4-Bromophenyl-phenylether
Concen: 0.32 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:248 Resp: 1451

Ion	Ratio	Lower	Upper
248	100		
250	198.8	76.9	115.3#
141	604.9	74.4	111.6#



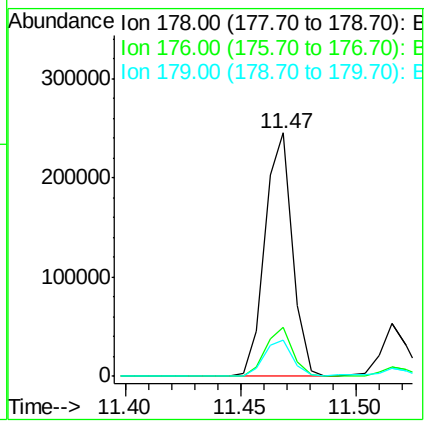


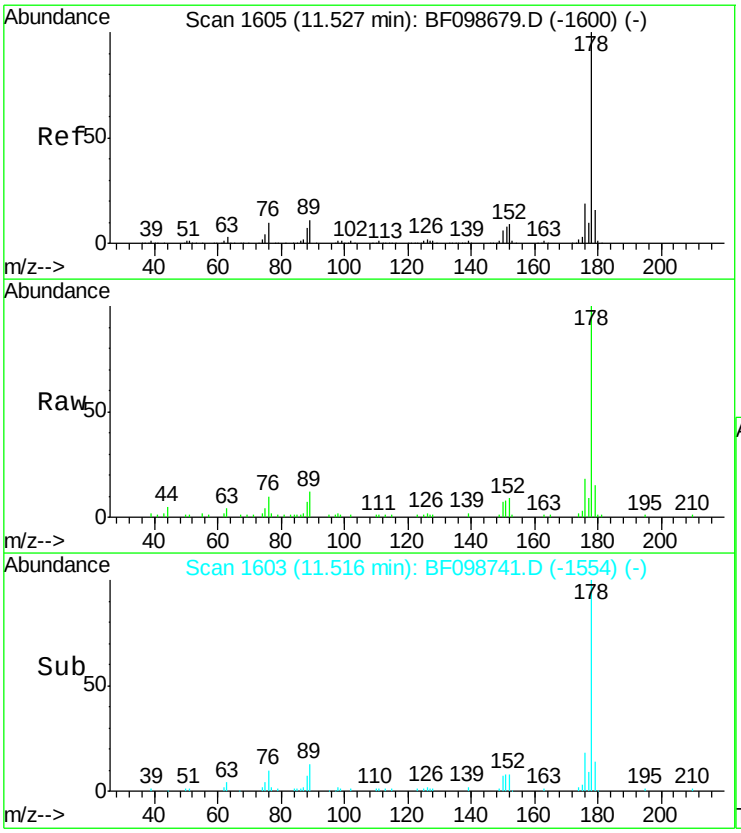
#70
Phenanthrene
Concen: 8.30 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 203382

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	14.9	13.0	19.6

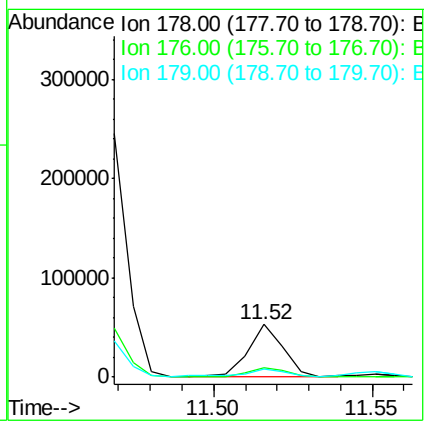


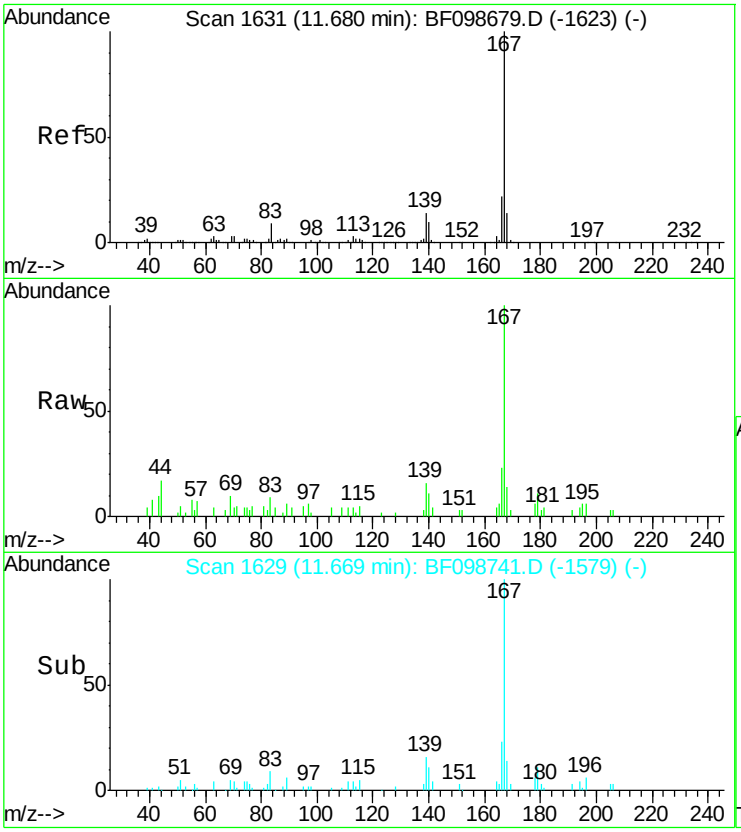


#71
Anthracene
Concen: 1.58 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:178 Resp: 39586

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	14.7	12.6	19.0



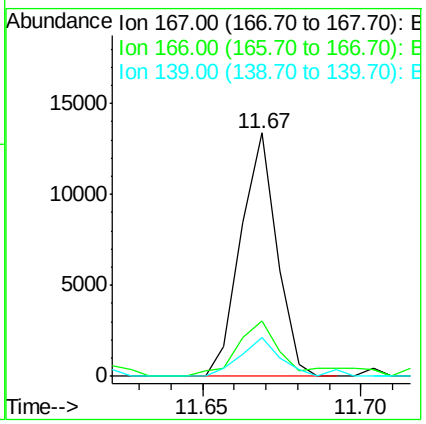


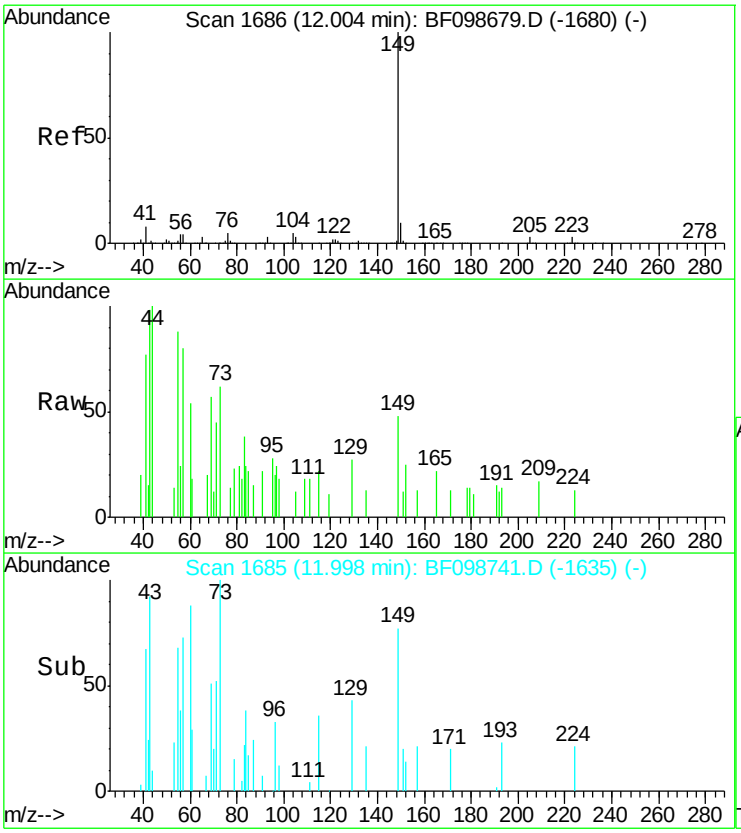
#72
Carbazole
Concen: 0.43 ng
RT: 11.67 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 10562

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	16.0	10.9	16.3

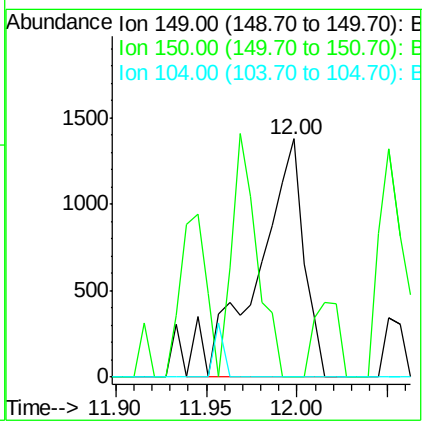


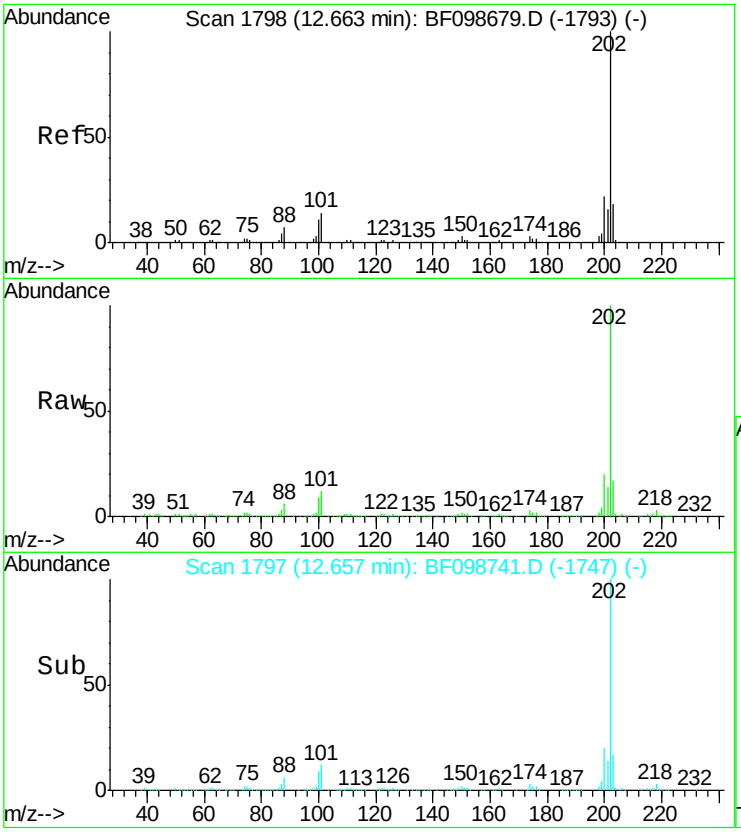


#73
Di-n-butylphthalate
Concen: 0.08 ng
RT: 12.00 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:149 Resp: 2462

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



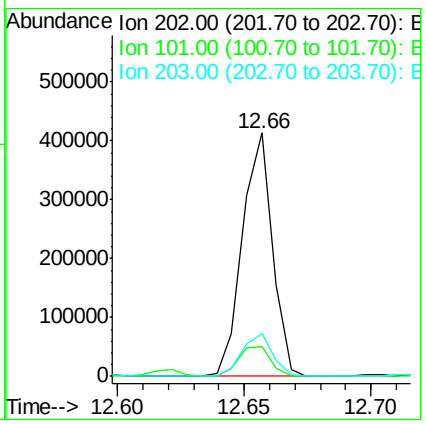


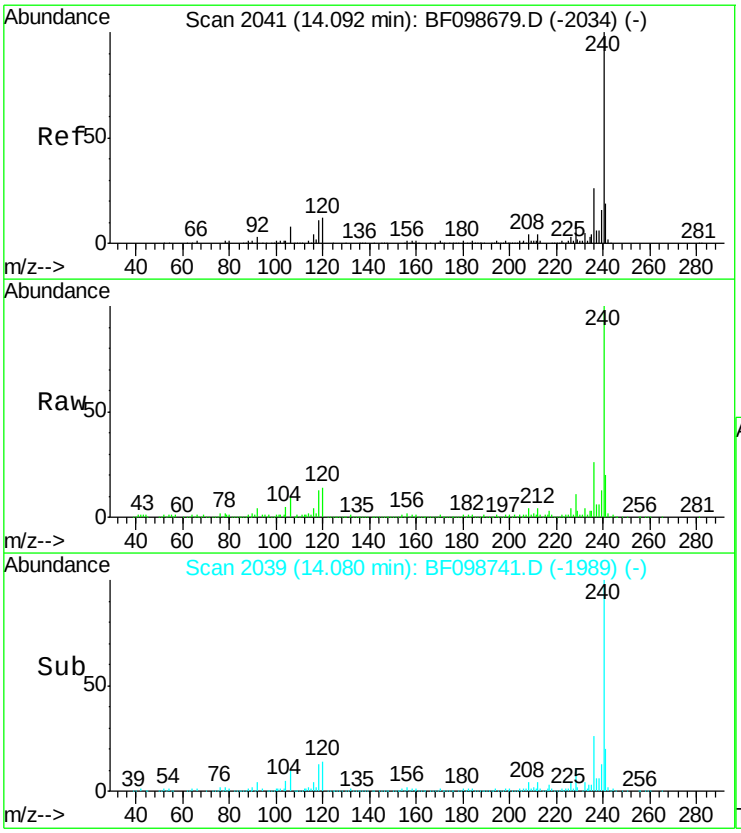
#74
Fluoranthene
Concen: 13.72 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 340644

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	17.3	0.0	38.1

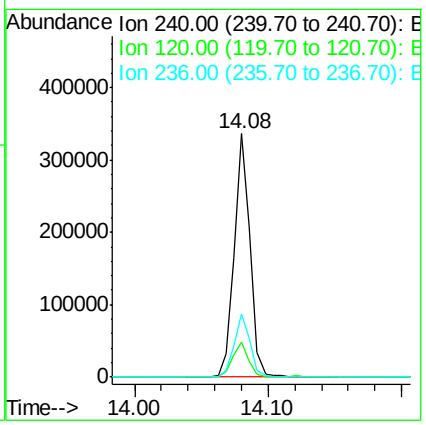


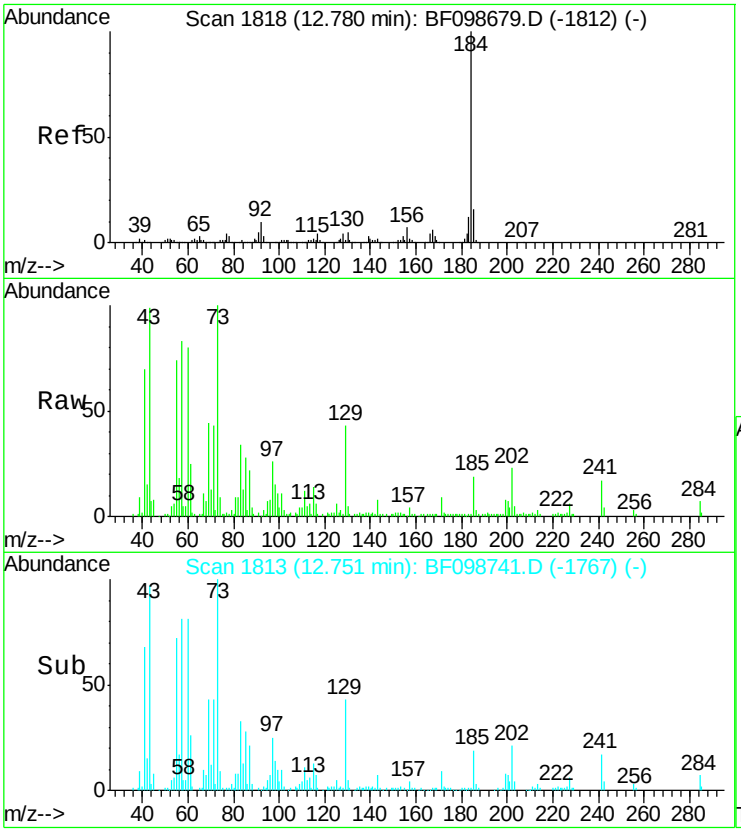


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:240 Resp: 279977

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



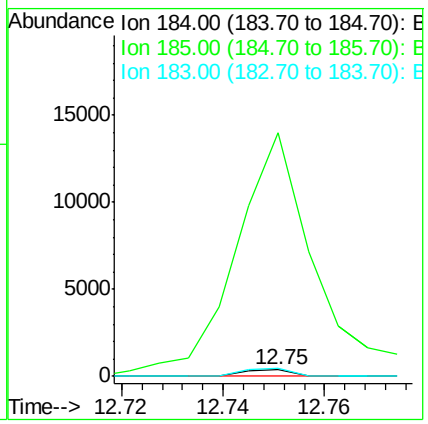


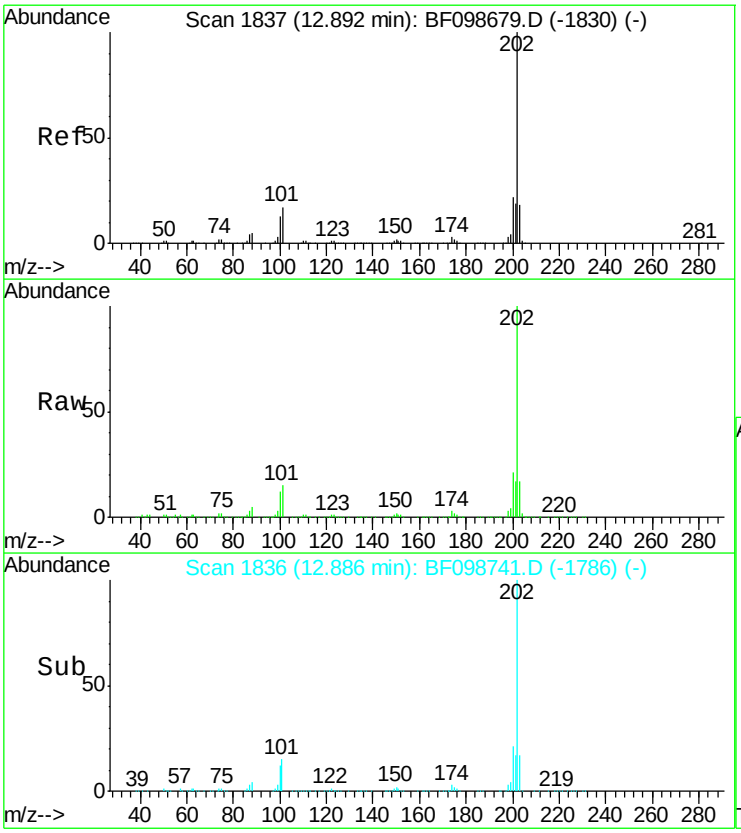
#76
Benzidine
Concen: 0.02 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.03 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 246

Ion	Ratio	Lower	Upper
184	100		
185	3824.3	12.6	18.8#
183	121.6	9.3	13.9#

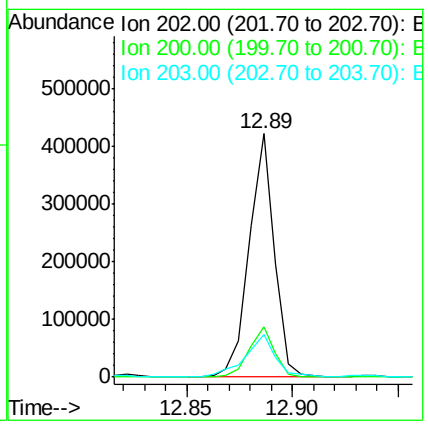


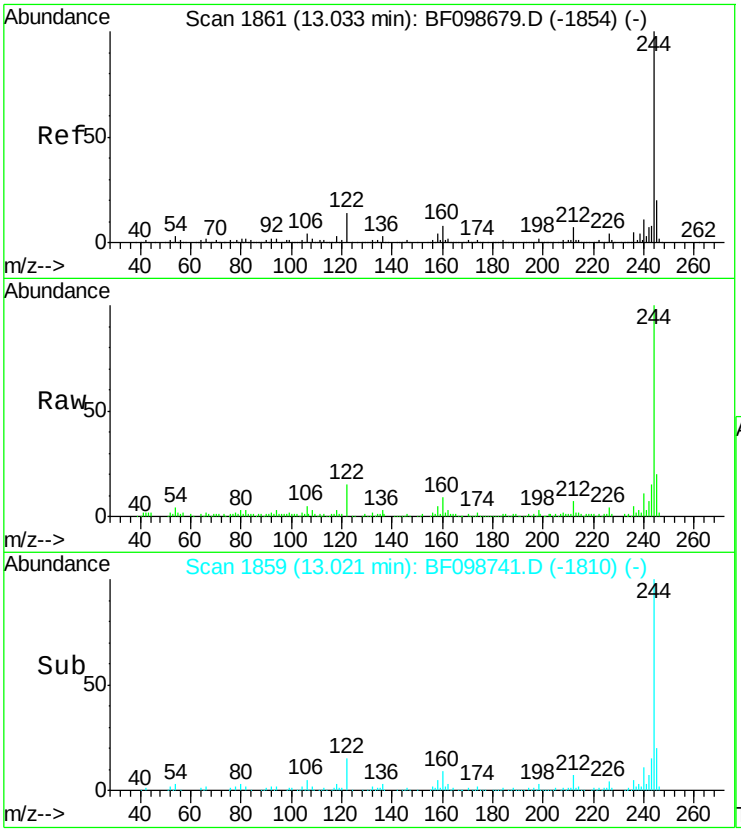


#77
Pyrene
Concen: 16.36 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:202 Resp: 349376

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.5	14.3	21.5



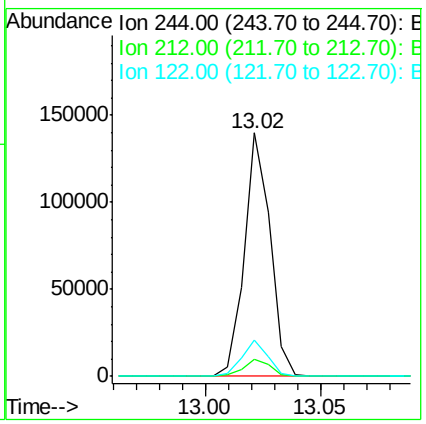


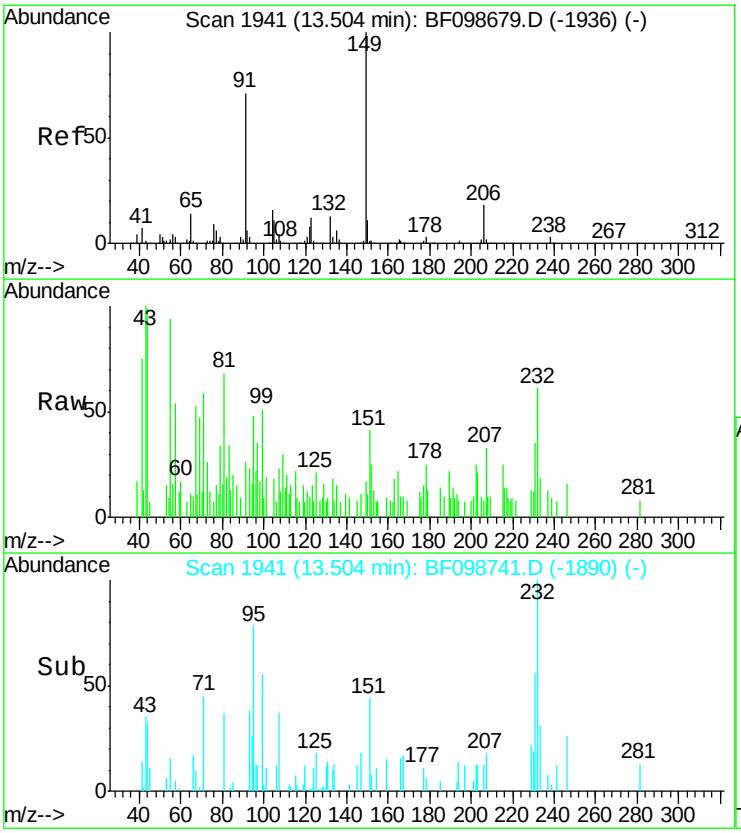
#78
Terphenyl-d14
Concen: 8.88 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 109338

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	15.0	11.0	16.4

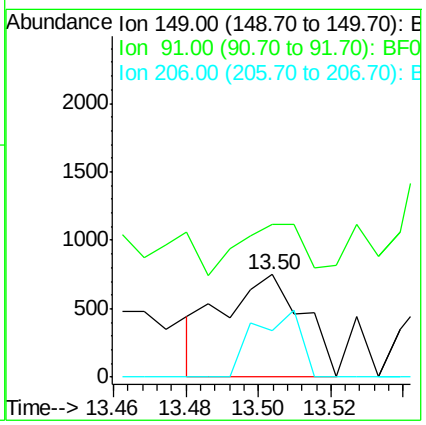


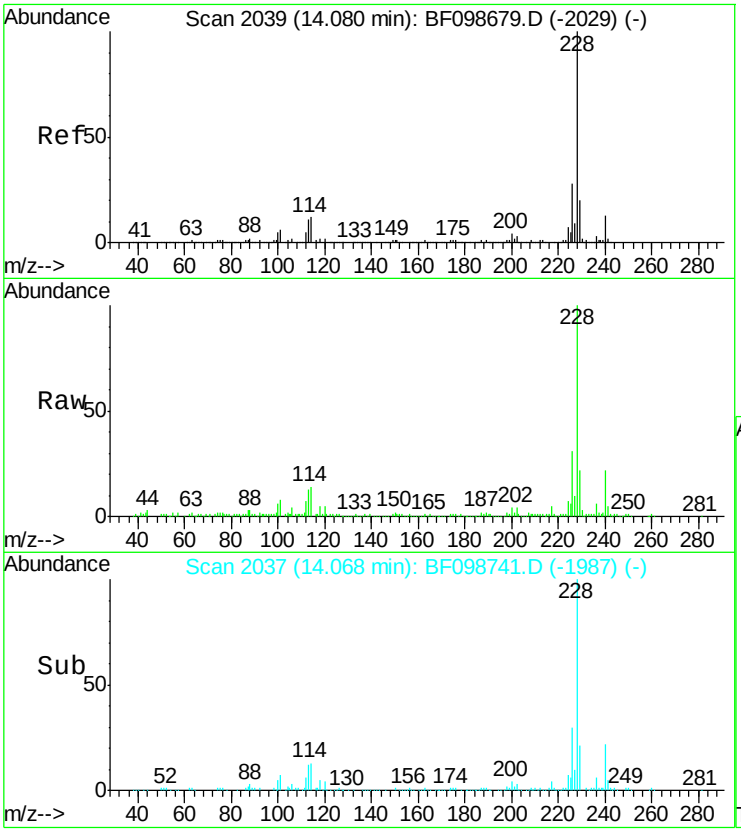


#79
Butylbenzylphthalate
Concen: 0.12 ng
RT: 13.50 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:149 Resp: 1159

Ion	Ratio	Lower	Upper
149	100		
91	149.7	56.8	85.2#
206	45.5	14.1	21.1#



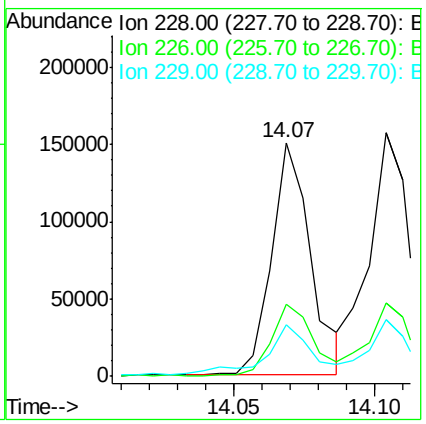


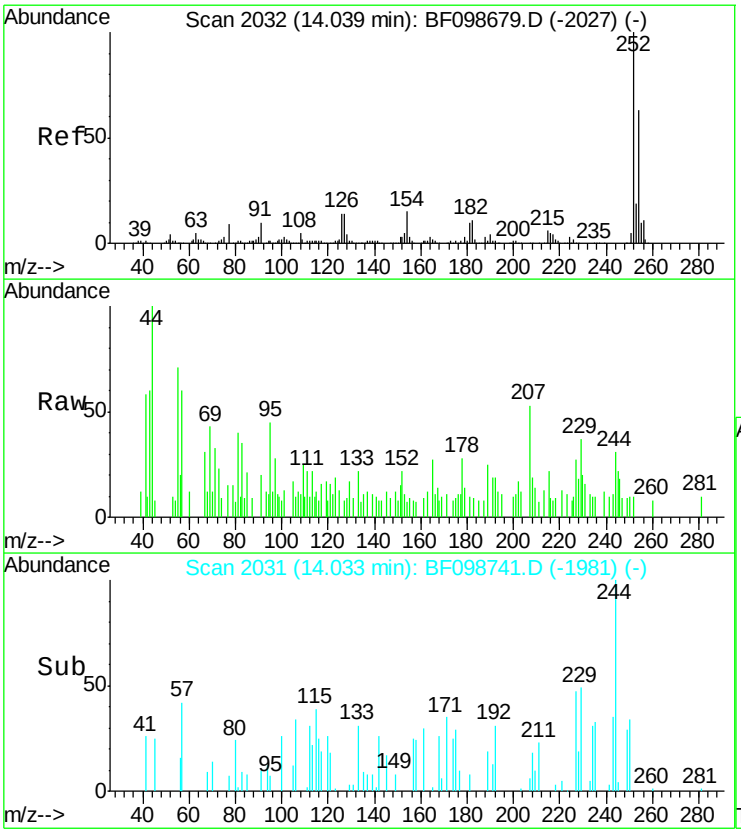
#80
Benzo(a)anthracene
Concen: 8.56 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 145064

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	22.1	15.8	23.6

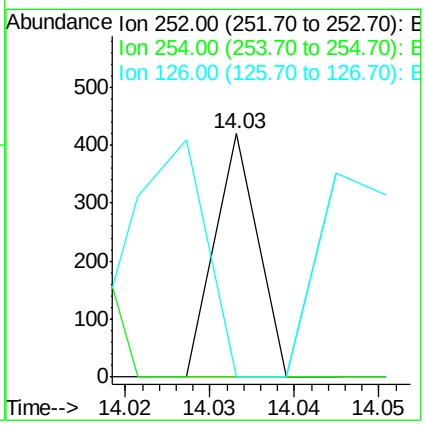


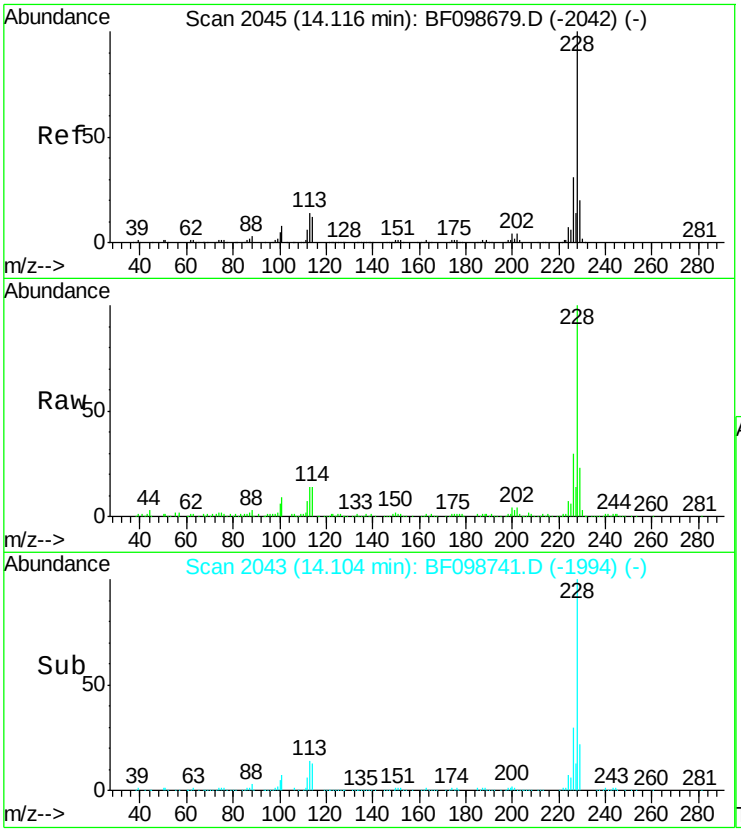


#81
3,3'-Dichlorobenzidine
Concen: 0.02 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:252 Resp: 148

Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.4	75.6#
126	0.0	11.3	16.9#



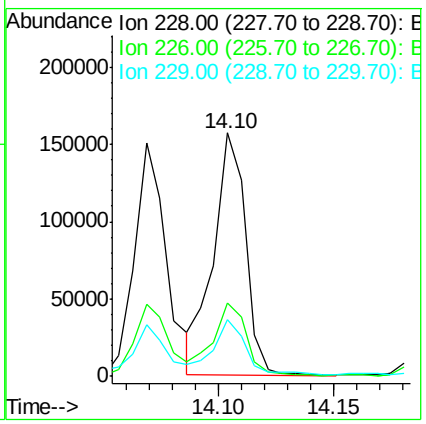


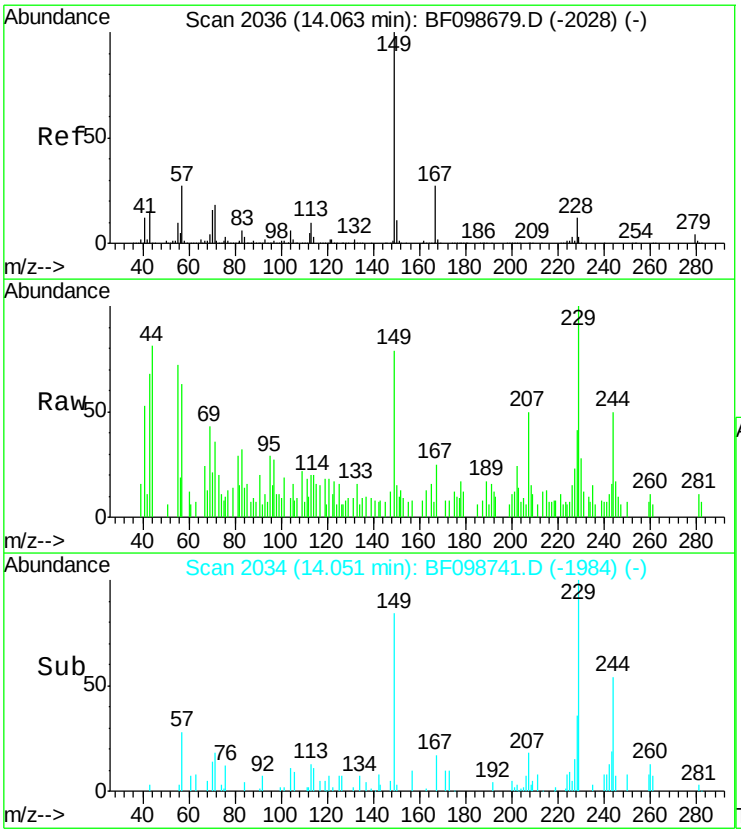
#82
Chrysene
Concen: 9.42 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 152010

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	23.3	16.2	24.4

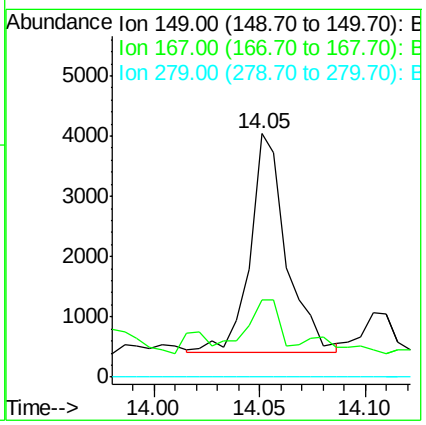


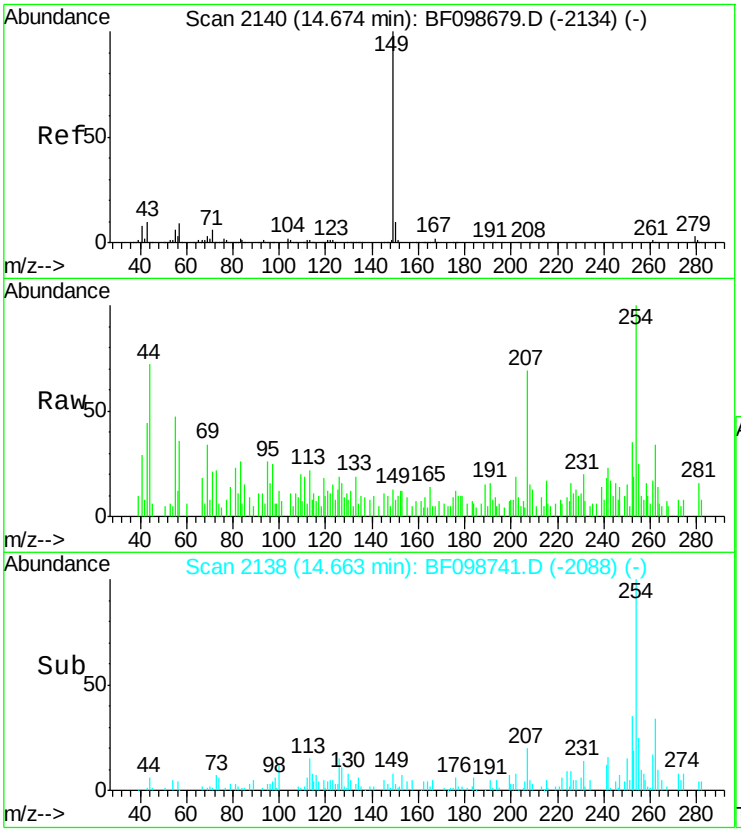


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.31 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:149 Resp: 4345

Ion	Ratio	Lower	Upper
149	100		
167	31.5	21.3	31.9
279	0.0	3.0	4.4#



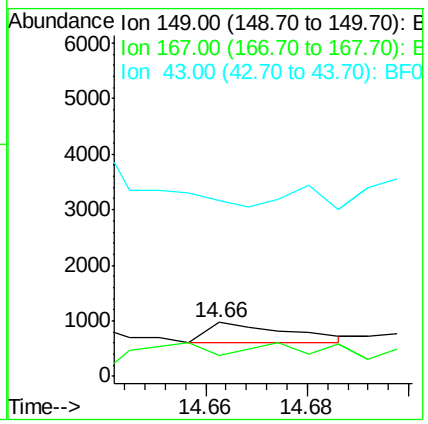


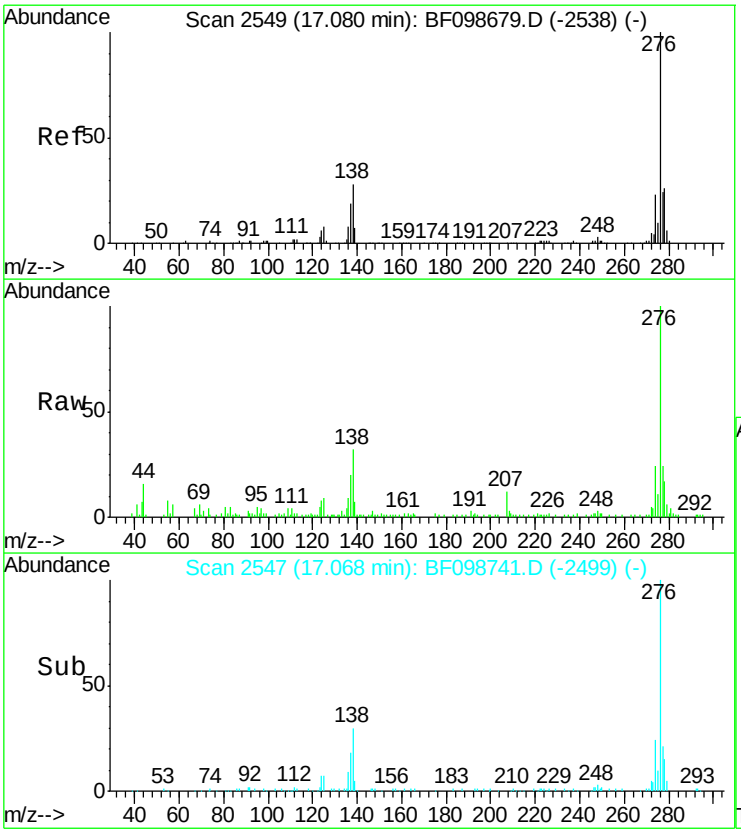
#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 14.66 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 391

Ion	Ratio	Lower	Upper
149	100		
167	180.6	1.2	1.8#
43	0.0	8.4	12.6#

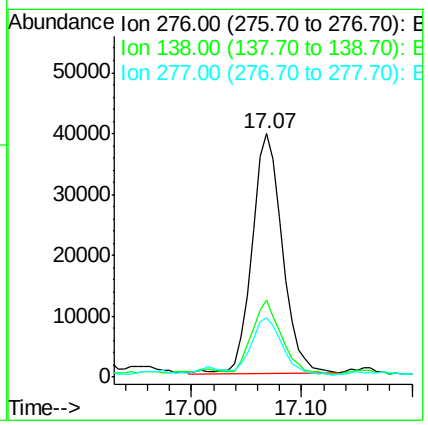


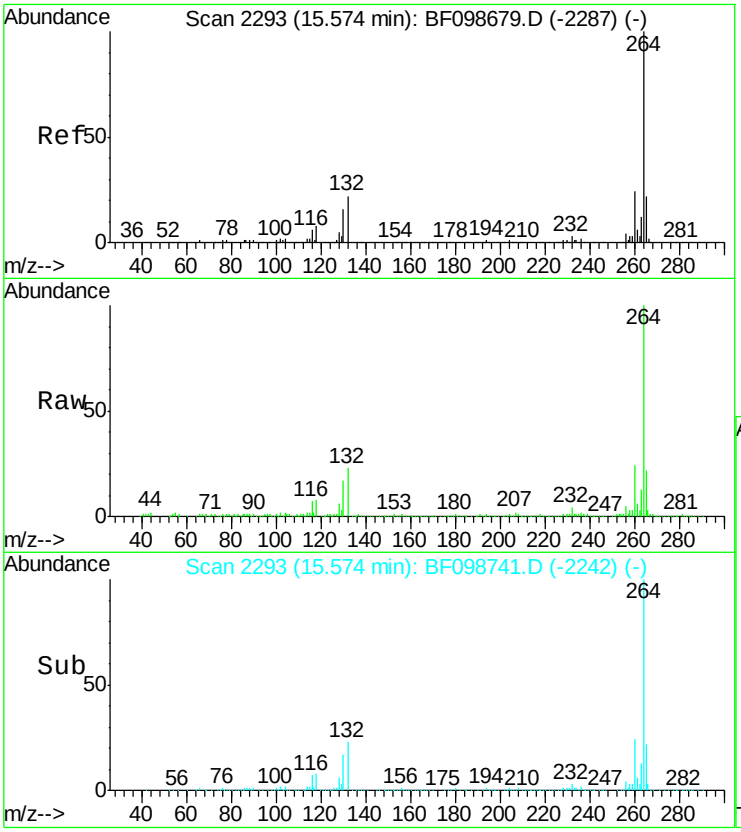


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.91 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.02 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:276 Resp: 76254

Ion	Ratio	Lower	Upper
276	100		
138	30.0	25.0	37.6
277	24.1	20.1	30.1



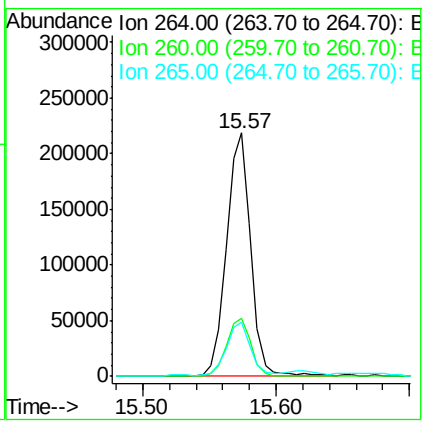


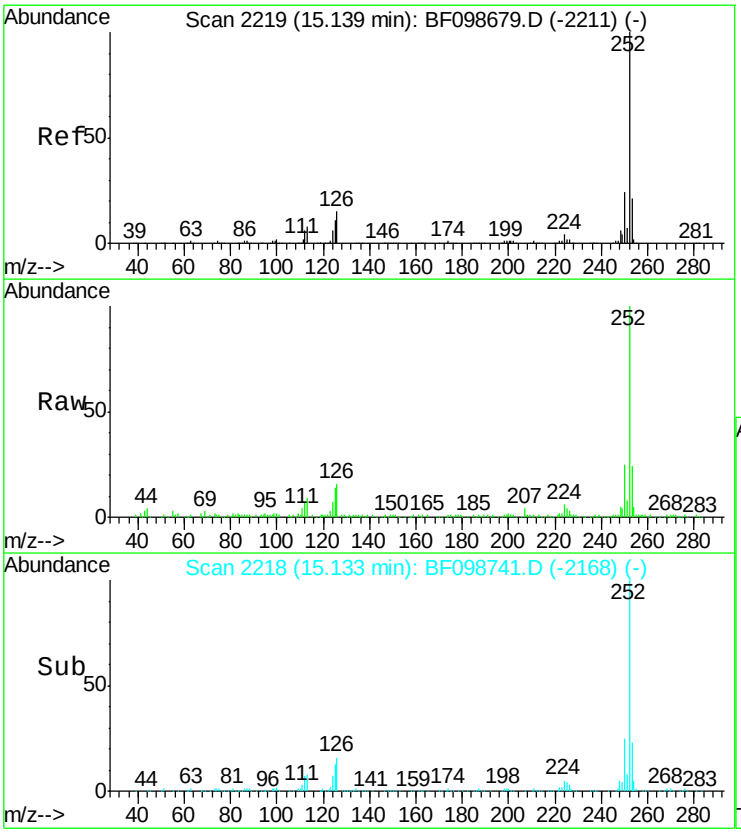
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 275900

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.3	17.5	26.3

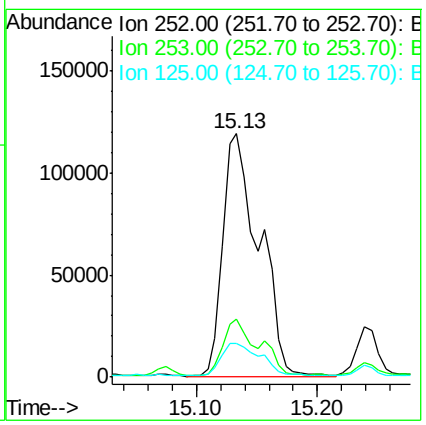


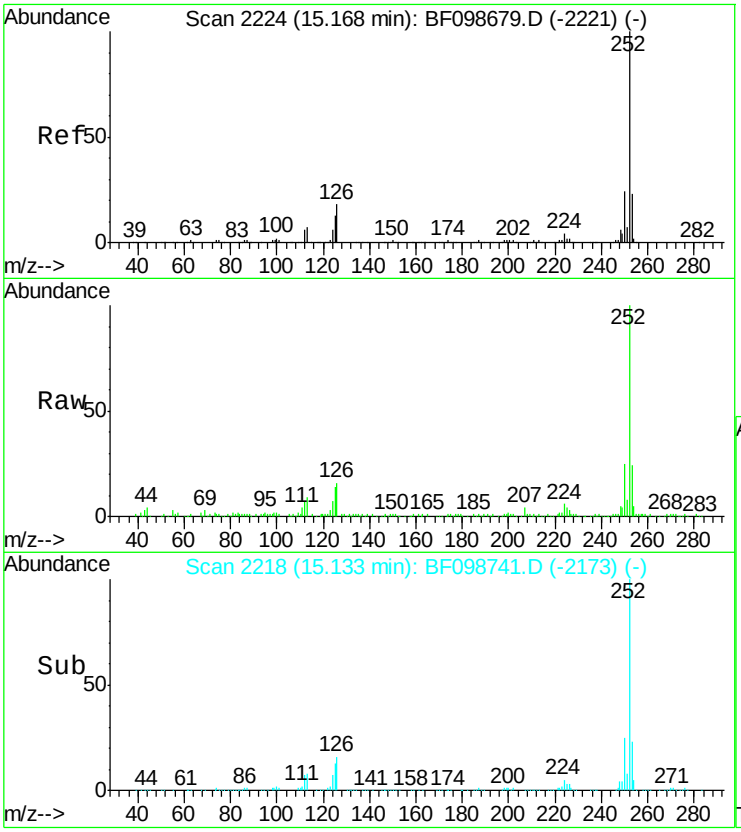


#87
Benzo(b)fluoranthene
Concen: 14.65 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:252 Resp: 248499

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	13.9	9.0	13.6#



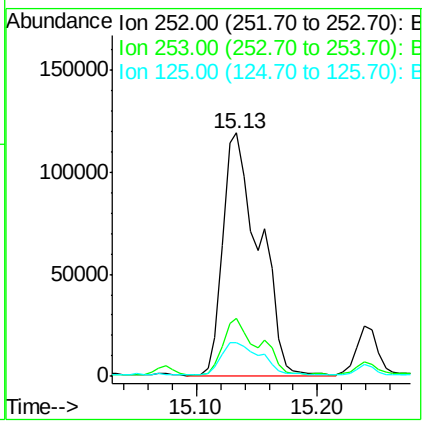


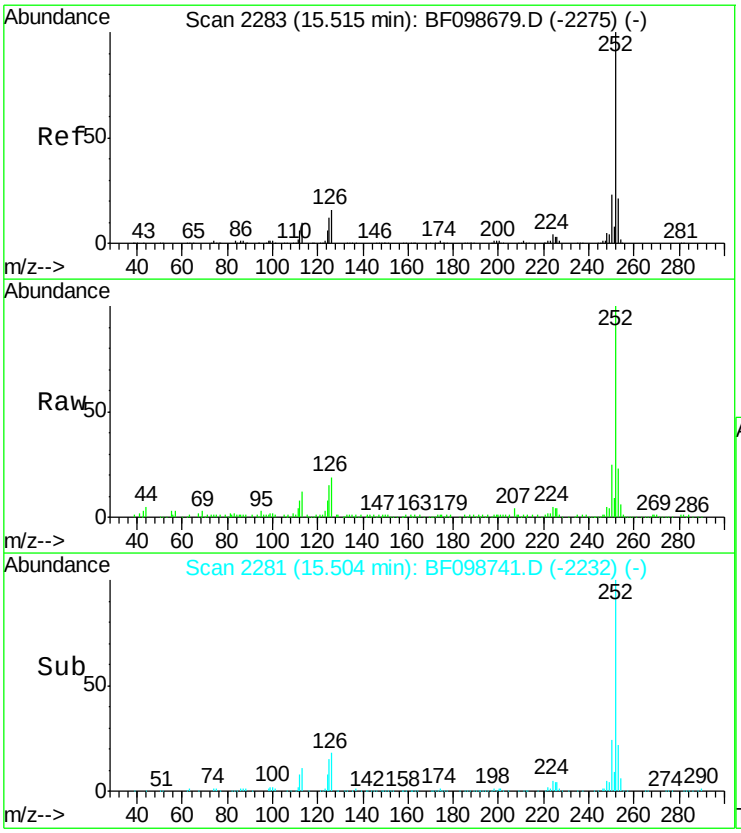
#88
Benzo(k)fluoranthene
Concen: 14.83 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 248499

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	13.9	10.2	15.2

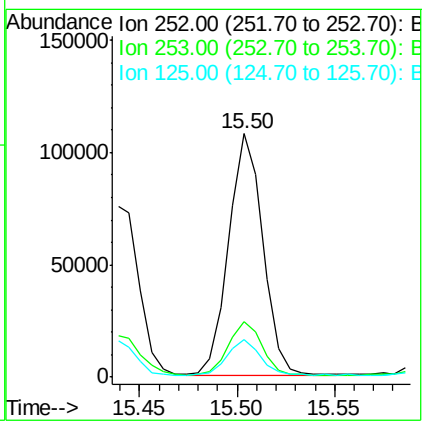


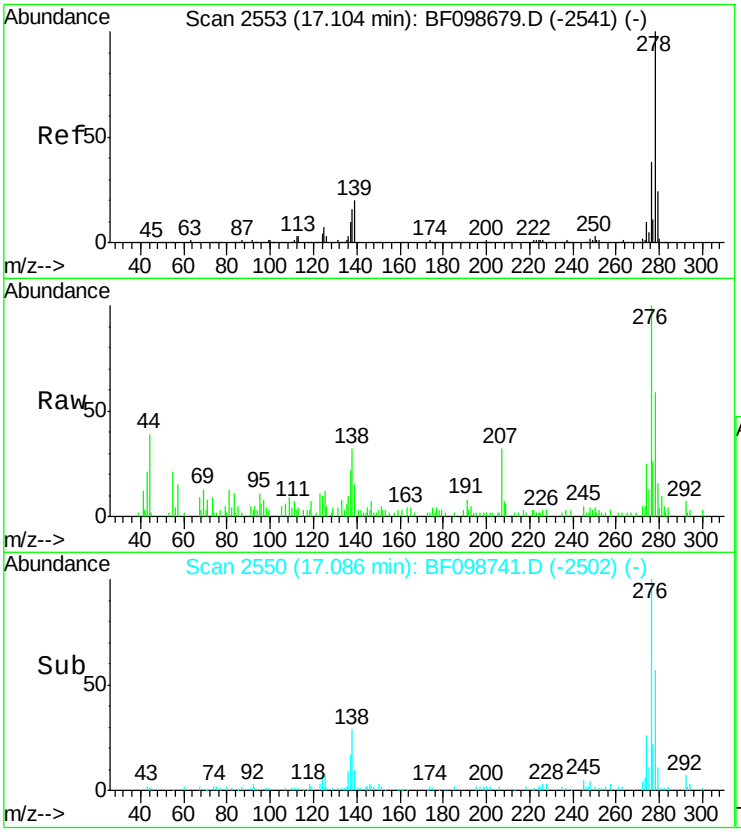


#89
Benzo(a)pyrene
Concen: 8.45 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:252 Resp: 131627

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	15.5	9.8	14.6#



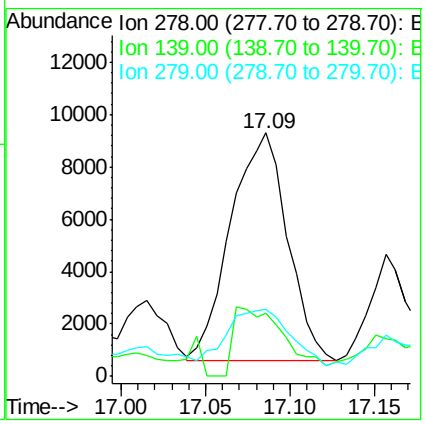


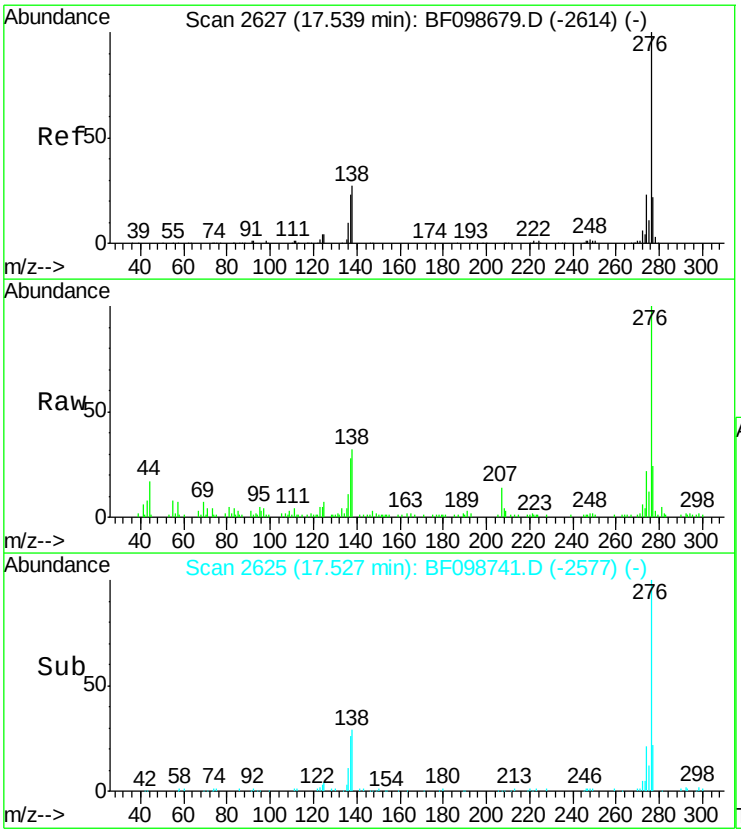
#90
Dibenzo(a,h)anthracene
Concen: 1.63 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.02 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 20302

Ion	Ratio	Lower	Upper
278	100		
139	25.7	15.9	23.9#
279	27.3	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 6.27 ng
RT: 17.53 min Scan# 2625
Delta R.T. -0.02 min
Lab File: BF098741.D
Acq: 23 Sep 2017 16:13

Tgt Ion:276 Resp: 77227

Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	31.9	21.8	32.8