Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098662.D
Acq On : 20 Sep 2017 16:12
Operator : SJ/JU
Sample : I5285-05 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 21 05:19:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	79265	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	332846	20.00	ng		-0.02
38) Acenaphthene-d10	9.65	164	147491	20.00	ng		-0.02
63) Phenanthrene-d10	11.13	188	230095	20.00	ng		-0.02
75) Chrysene-d12	13.77	240	198304	20.00	ng		-0.01
86) Perylene-d12	15.17	264	209160	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	10487	1.96	ng		0.00
7) Phenol-d6	6.29	99	17357	2.55	ng		0.00
23) Nitrobenzene-d5	7.20	82	10771	1.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.45	330	2749	2.79	ng		-0.01
44) 2-Fluorobiphenyl	8.98	172	21514	2.47	ng		-0.02
78) Terphenyl-d14	12.72	244	14177	1.54	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	9.66	163	42664	3.74	ng	#	1
50) 2,6-Dinitrotoluene	9.65	165	18321	7.81	ng	#	34
55) 4-Nitrophenol	9.86	139	5849	3.60	ng	#	25
56) 2,4-Dinitrotoluene	9.65	165	18321	6.43	ng	#	33
70) Phenanthrene	11.16	178	259224	21.25	ng		98
71) Anthracene	11.21	178	50445	4.03	ng		97
74) Fluoranthene	12.35	202	360685	29.54	ng		96
77) Pyrene	12.57	202	340498	21.77	ng		98
80) Benzo(a)anthracene	13.76	228	192236	16.53	ng		98
82) Chrysene	13.80	228	153805	13.09	ng		96
85) Indeno(1,2,3-cd)pyrene	16.49	276	78766	9.55	ng	#	92
87) Benzo(b)fluoranthene	14.78	252	309932	23.57	ng		98
88) Benzo(k)fluoranthene	15.06	252	97802	7.97	ng		96
89) Benzo(a)pyrene	15.11	252	156380	13.35	ng		97

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 10 Sample Multiplier: 1

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BNA_F
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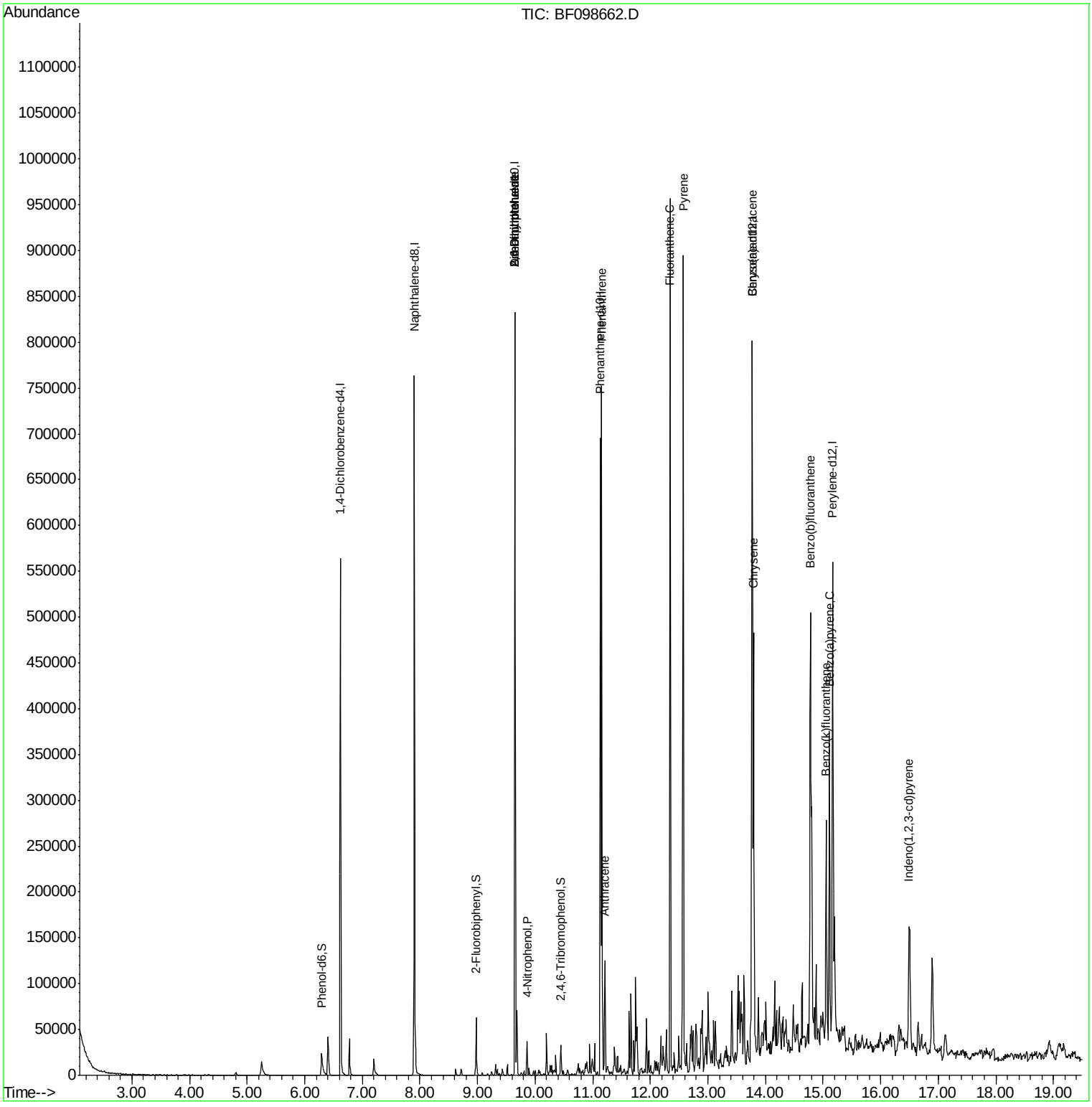
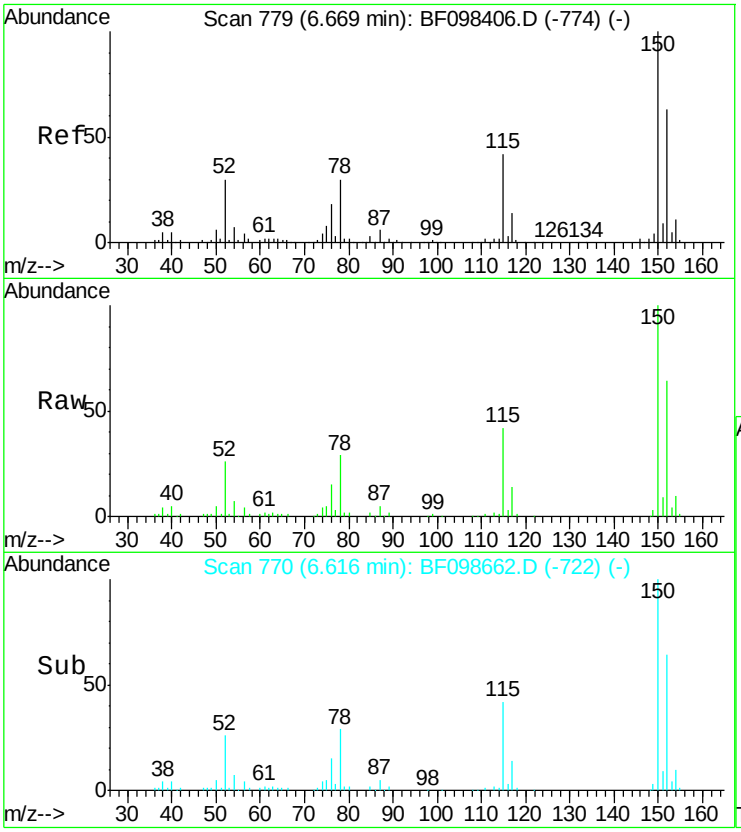


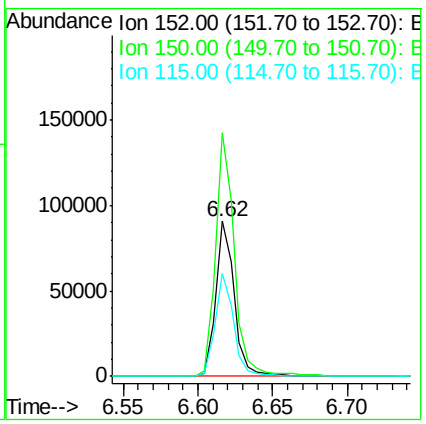


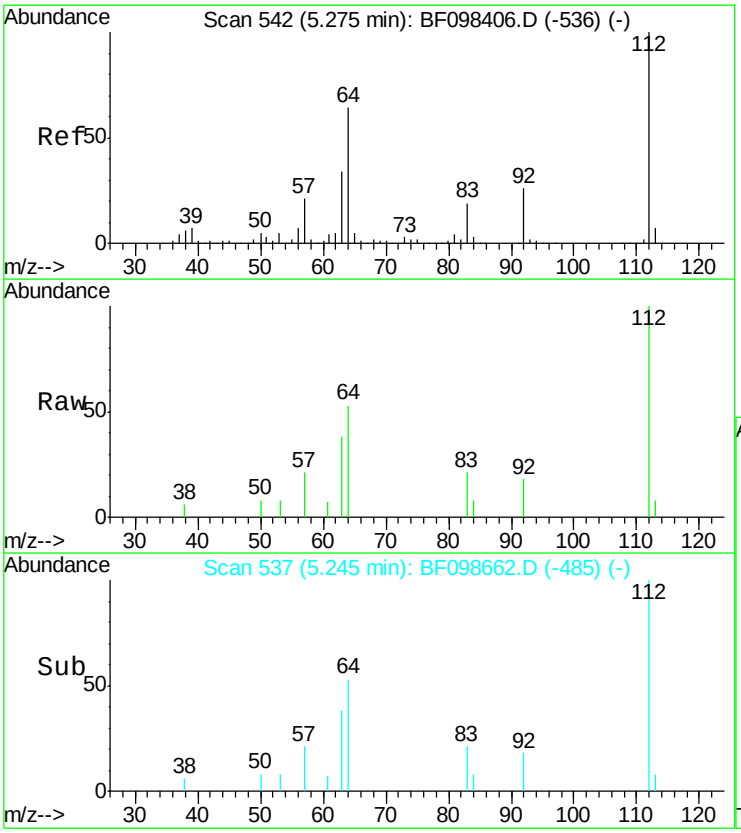
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 79265

Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	66.4	52.2	78.2

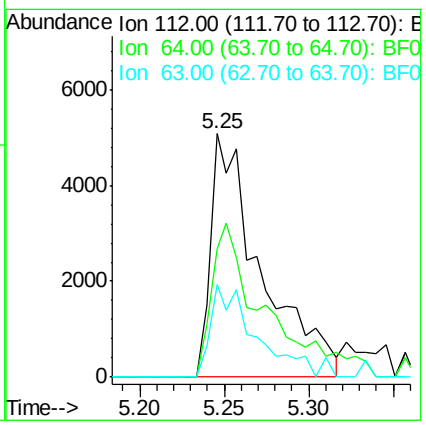


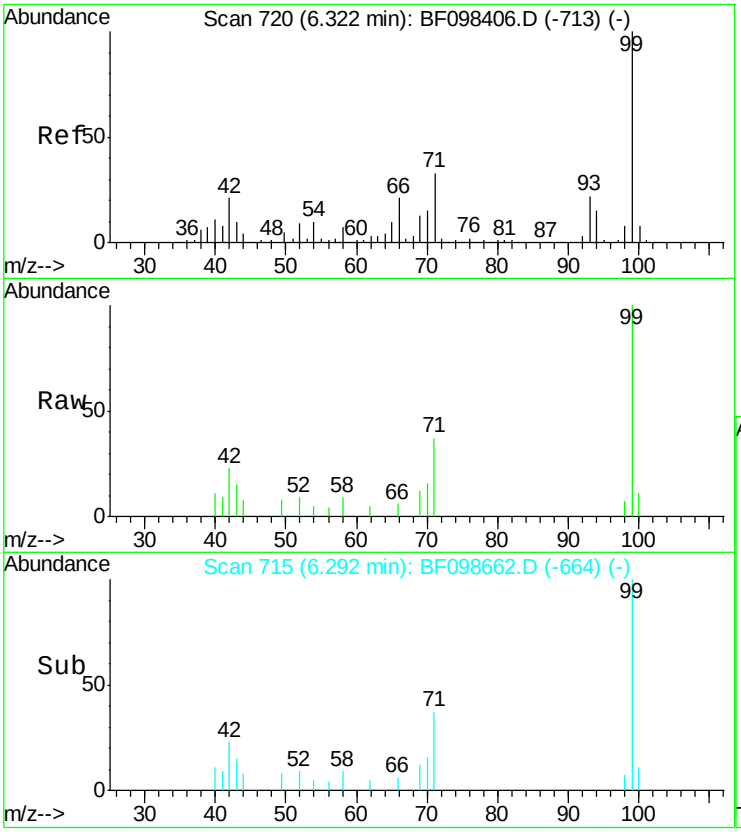


#5
2-Fluorophenol
Concen: 1.96 ng
RT: 5.25 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Tgt Ion:112 Resp: 10487

Ion	Ratio	Lower	Upper
112	100		
64	52.8	46.0	69.0
63	37.8	23.4	35.0#



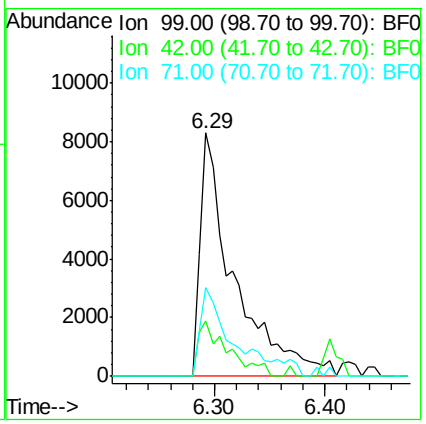


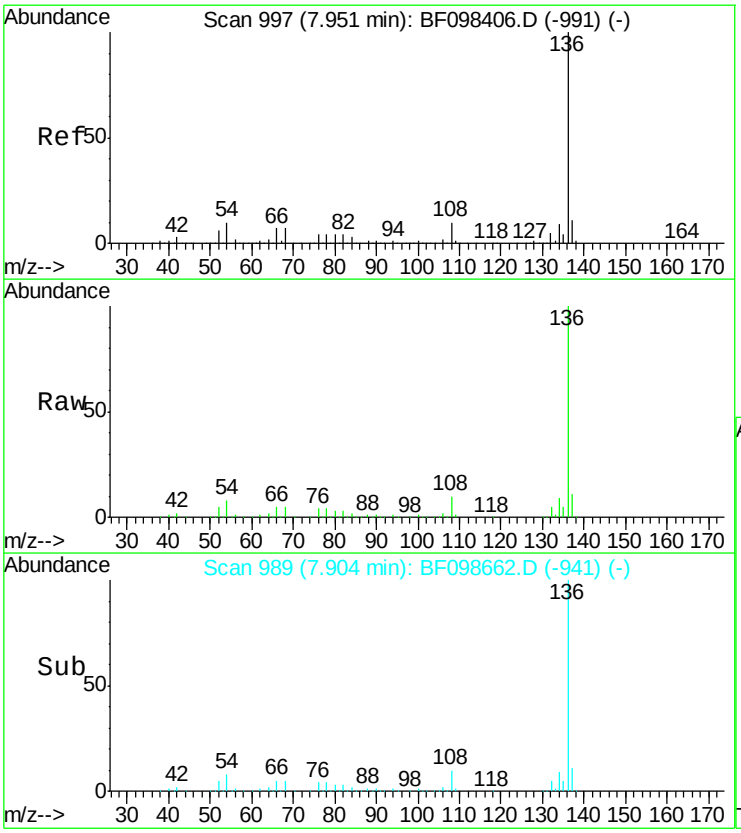
#7
Phenol-d6
Concen: 2.55 ng
RT: 6.29 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 17357

Ion	Ratio	Lower	Upper
99	100		
42	22.6	13.5	20.3#
71	36.5	24.5	36.7

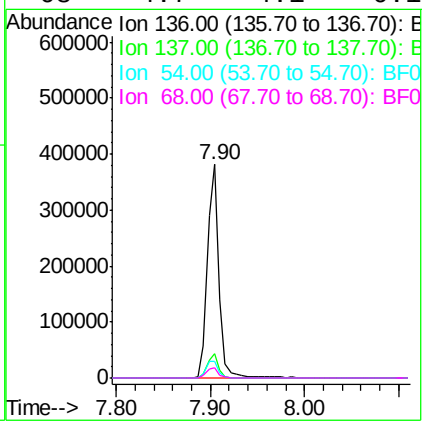


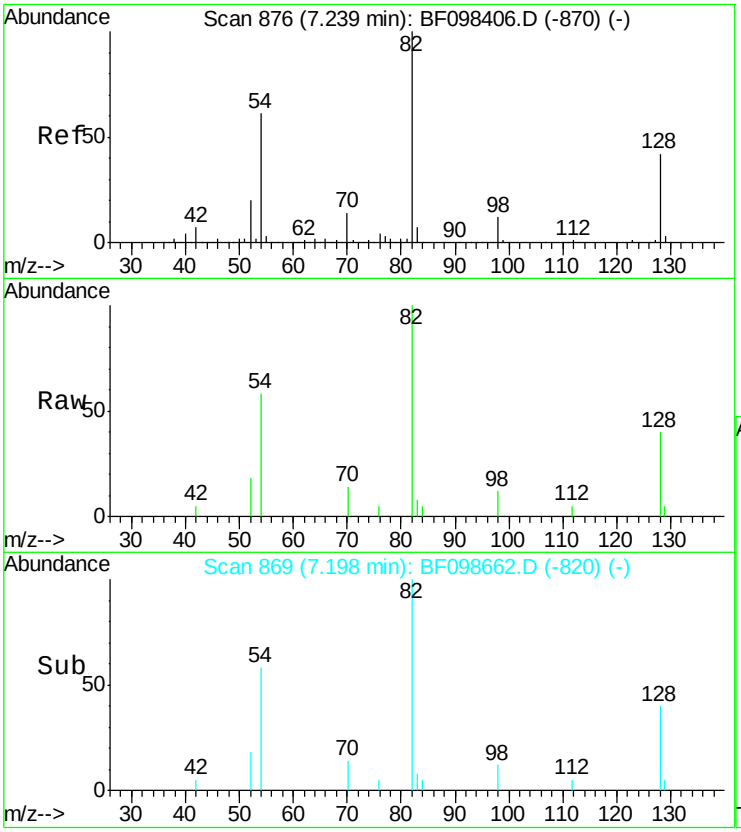


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Tgt Ion:136 Resp: 332846

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	8.0	4.9	7.3#
68	4.7	4.1	6.1



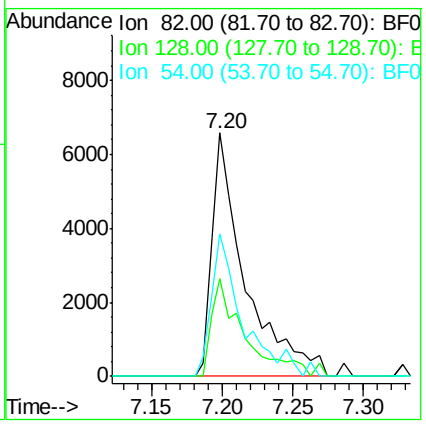


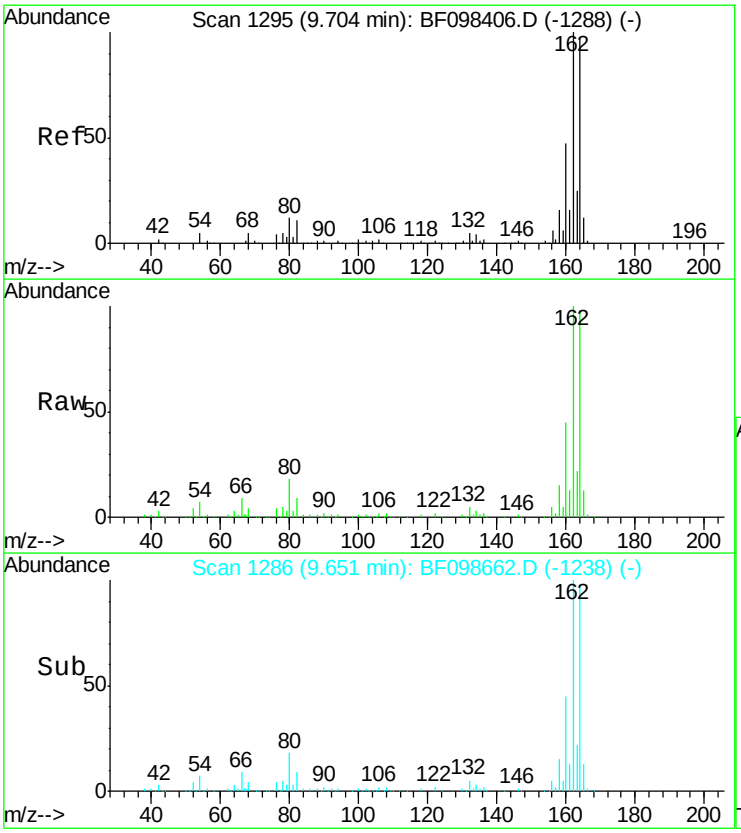
#23
Nitrobenzene-d5
Concen: 1.80 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 10771

Ion	Ratio	Lower	Upper
82	100		
128	40.0	34.0	51.0
54	58.4	42.2	63.2

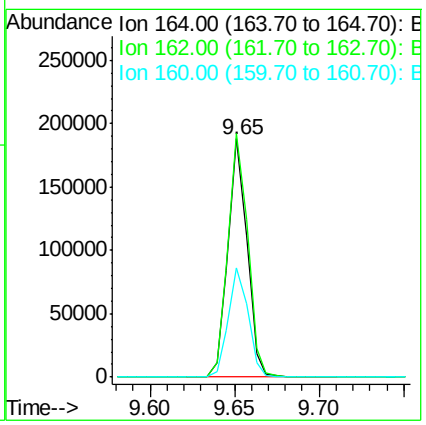


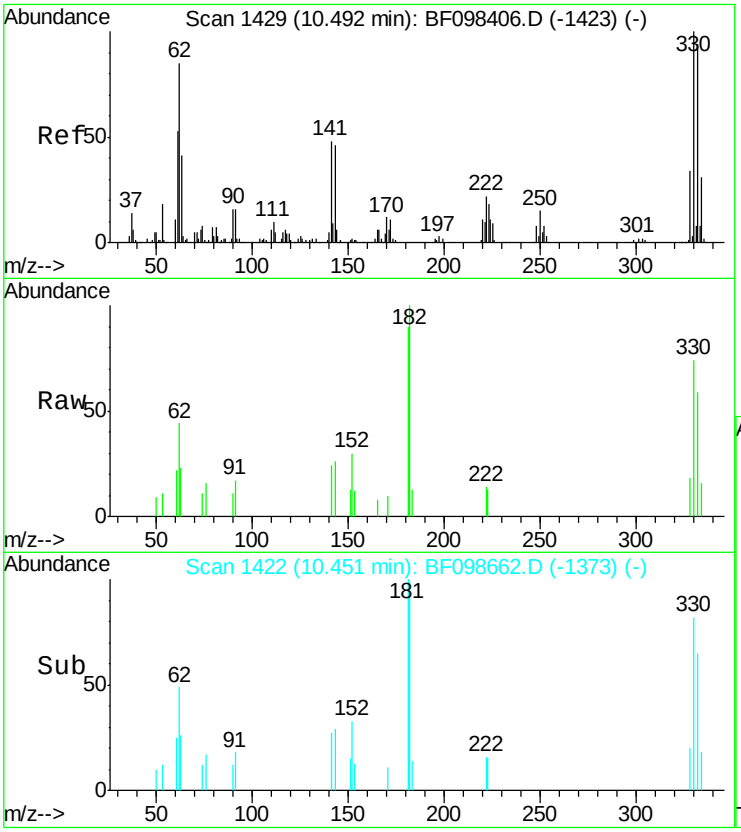


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Tgt Ion:164 Resp: 147491

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	46.2	36.2	54.2



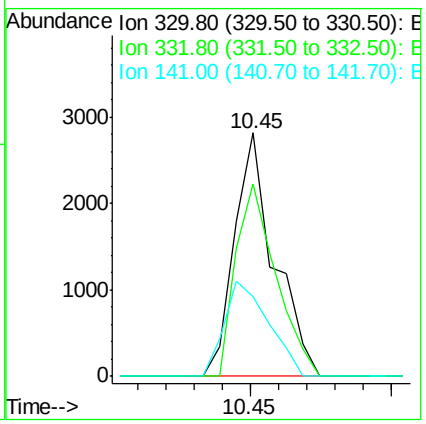


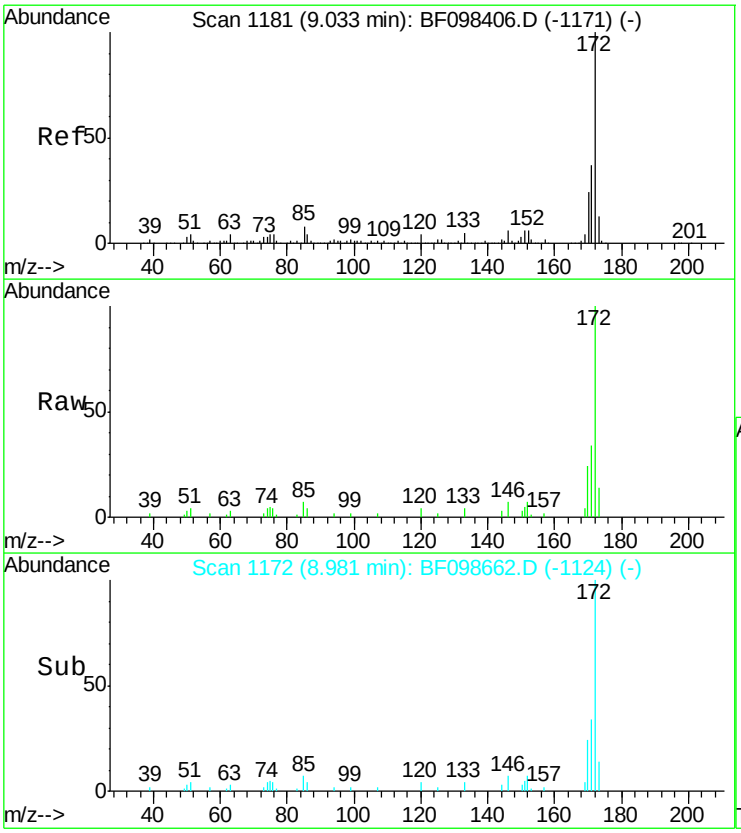
#41
2,4,6-Tribromophenol
Concen: 2.79 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 2749

Ion	Ratio	Lower	Upper
330	100		
332	80.1	76.6	115.0
141	43.2	31.4	47.2

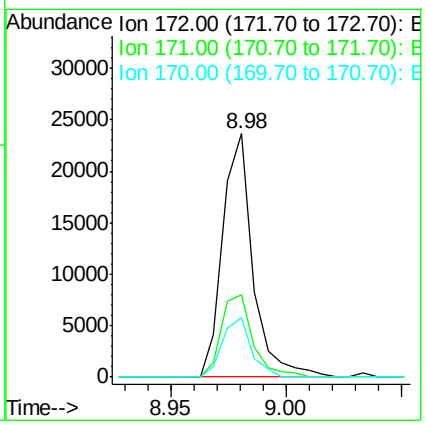


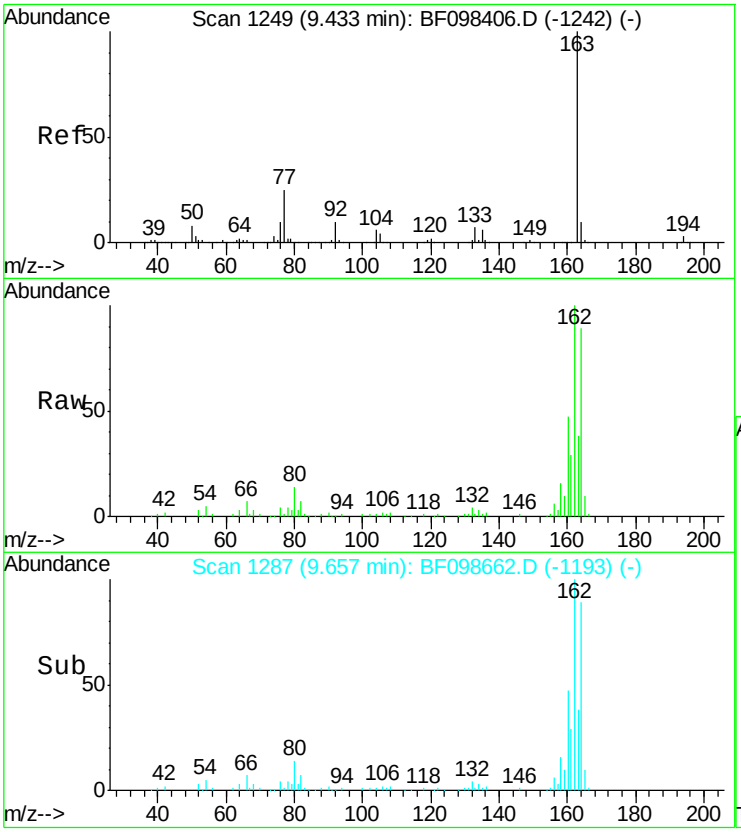


#44
2-Fluorobiphenyl
Concen: 2.47 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Tgt Ion:172 Resp: 21514

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.6	44.4
170	24.5	19.8	29.8



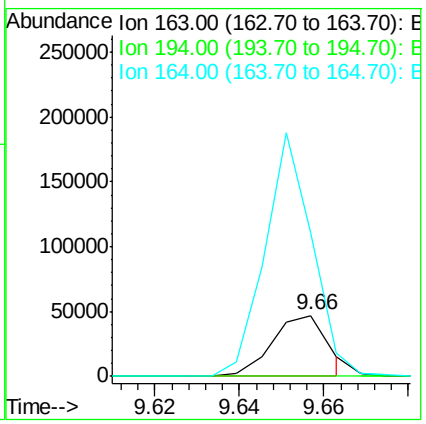


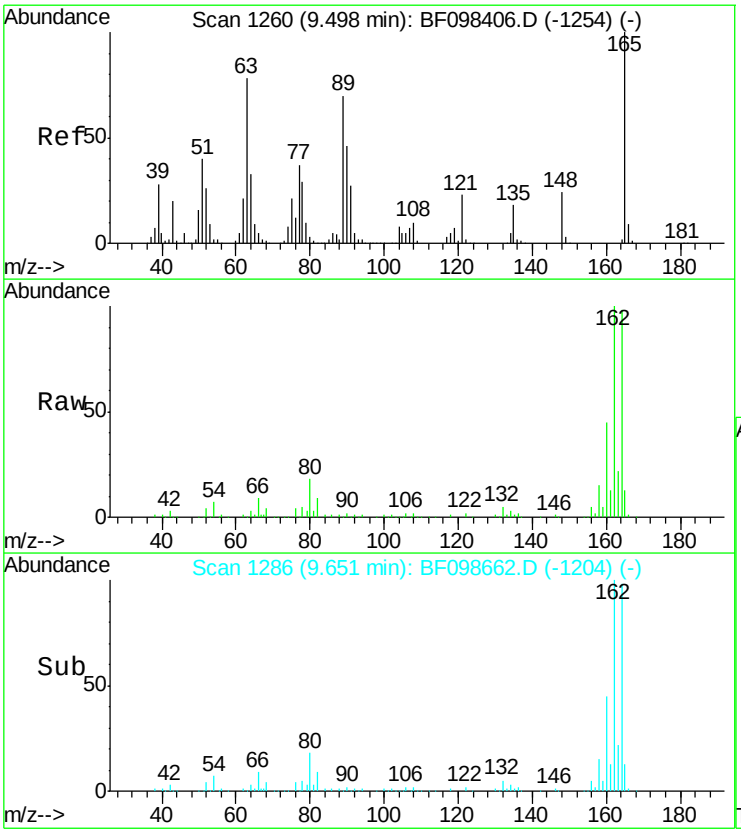
#49
Dimethylphthalate
Concen: 3.74 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.25 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 42664

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	236.4	8.4	12.6#

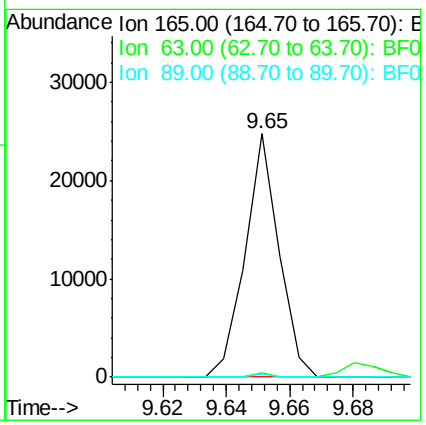


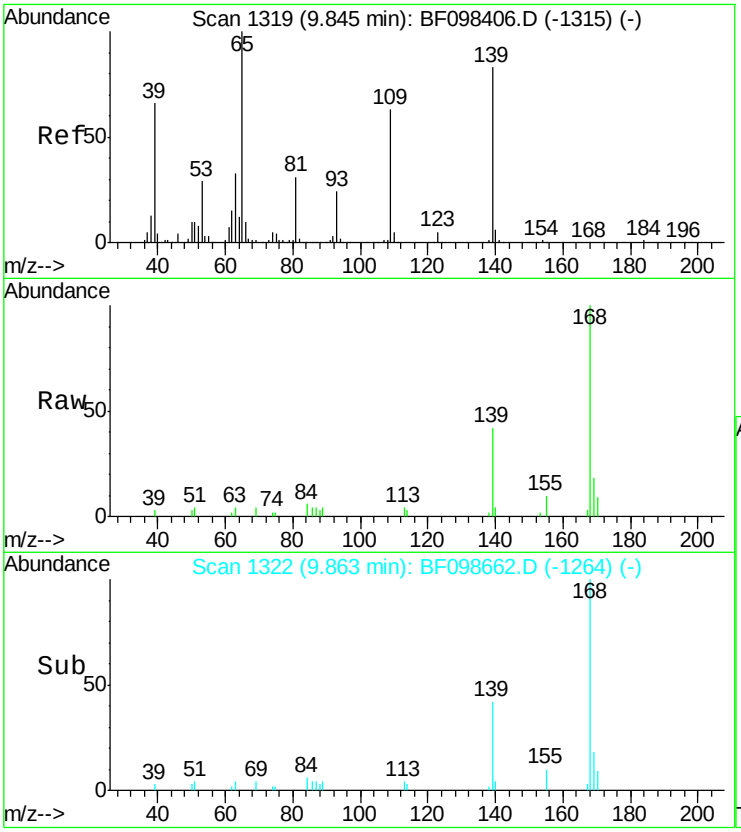


#50
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.18 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Tgt Ion:165 Resp: 18321

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.4	37.1	55.7#



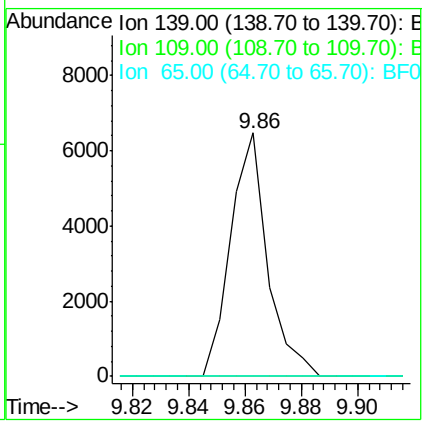


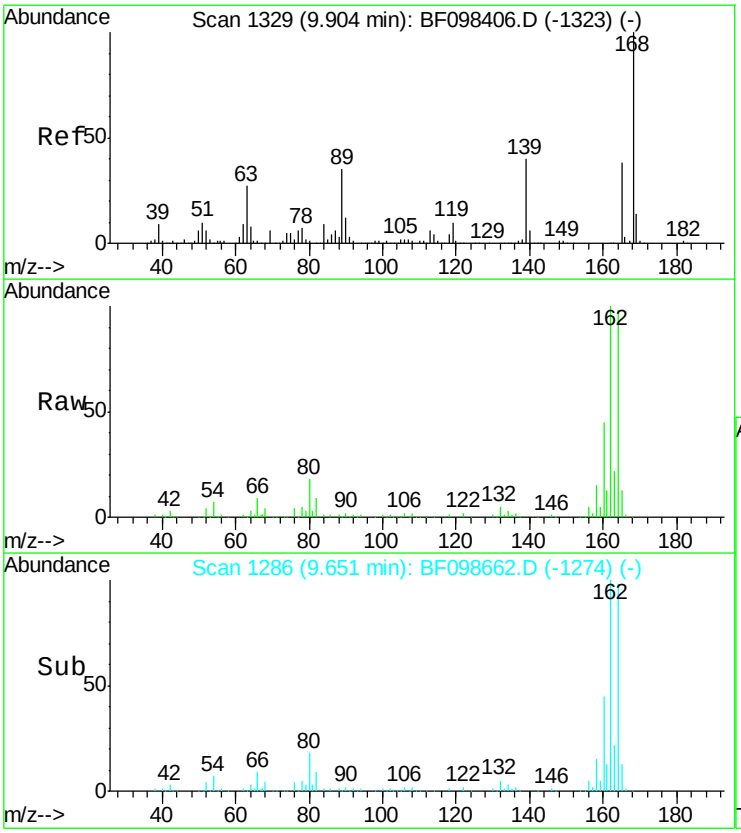
#55
4-Nitrophenol
Concen: 3.60 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.04 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 5849

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

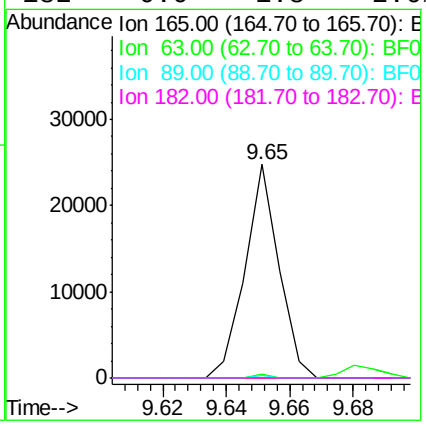


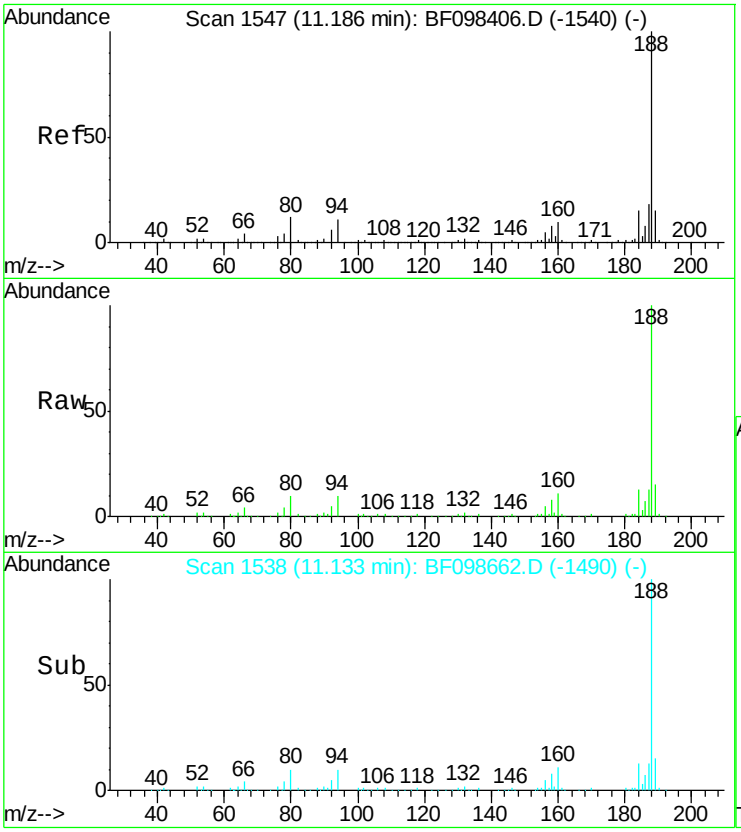


#56
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.23 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Tgt Ion:165 Resp: 18321

Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



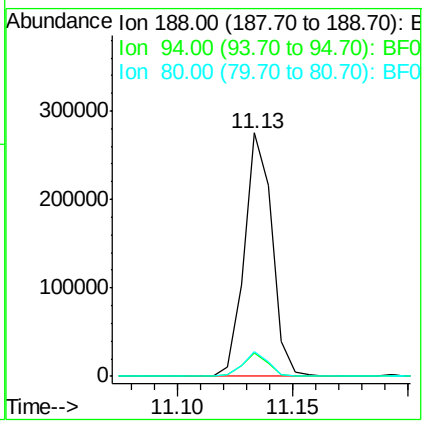


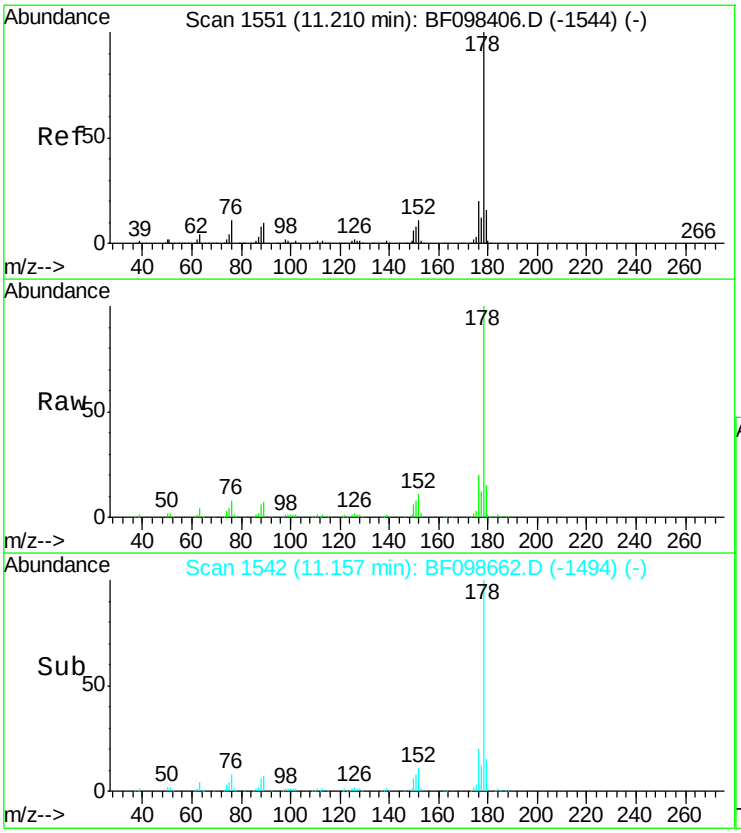
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.02 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 230095

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	10.3	10.2	15.2

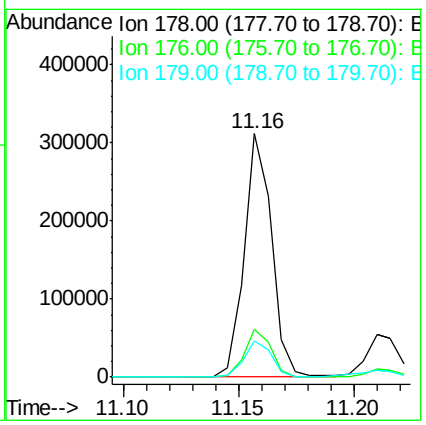


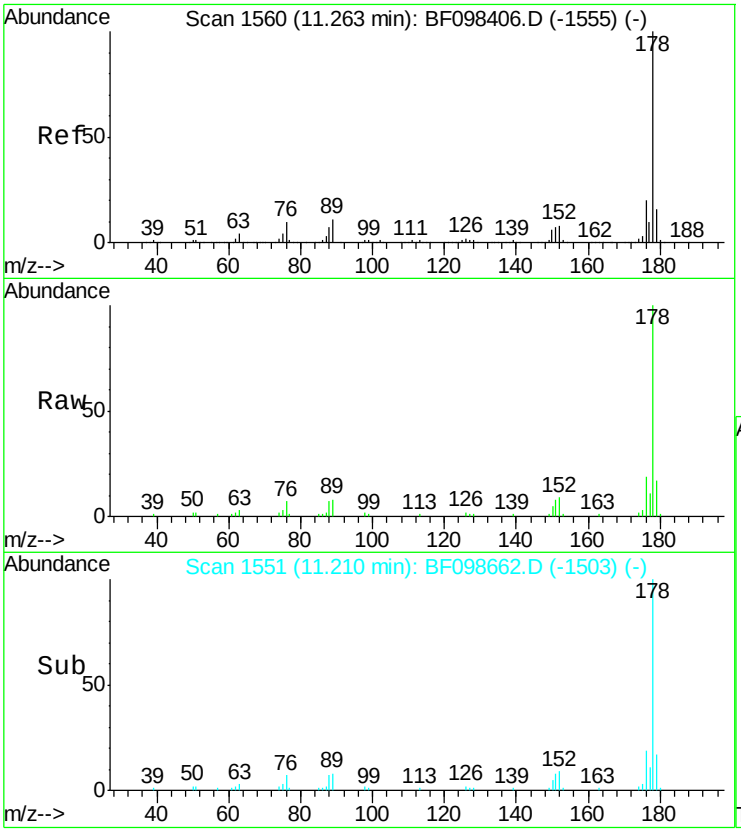


#70
Phenanthrene
Concen: 21.25 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.02 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Tgt Ion:178 Resp: 259224

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.0	12.6	19.0



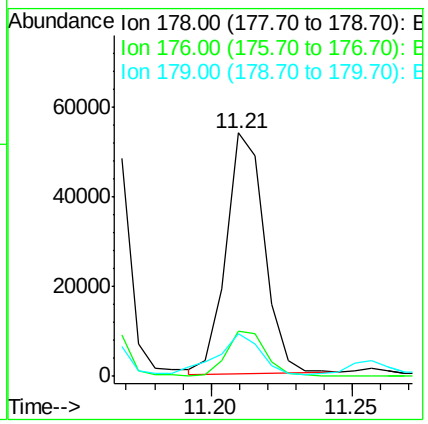


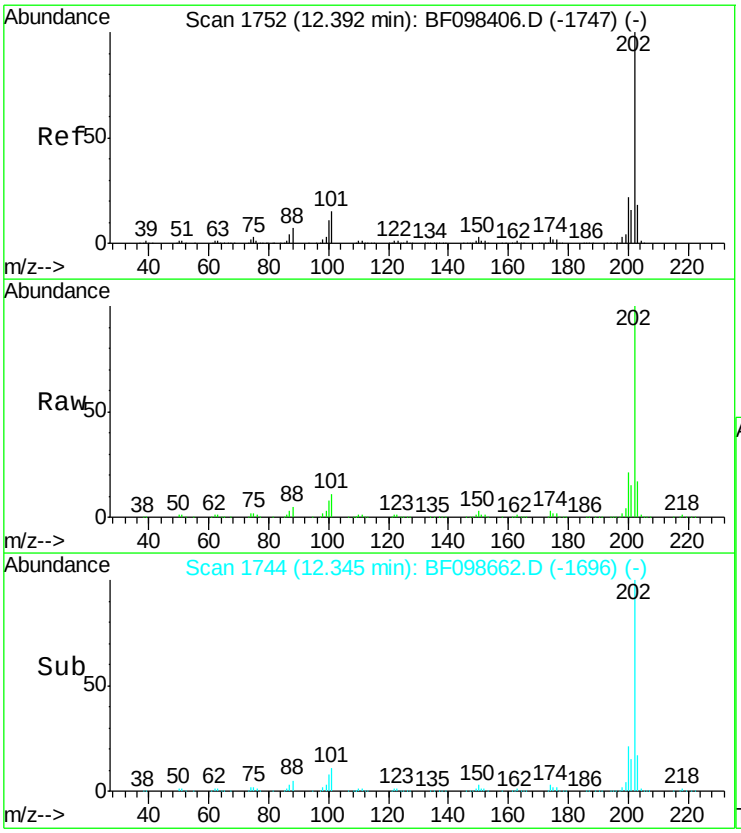
#71
Anthracene
Concen: 4.03 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 50445

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	17.4	12.7	19.1

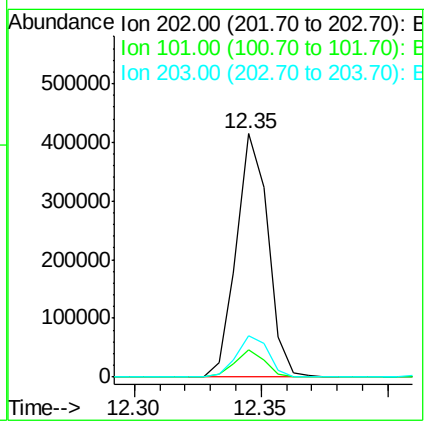


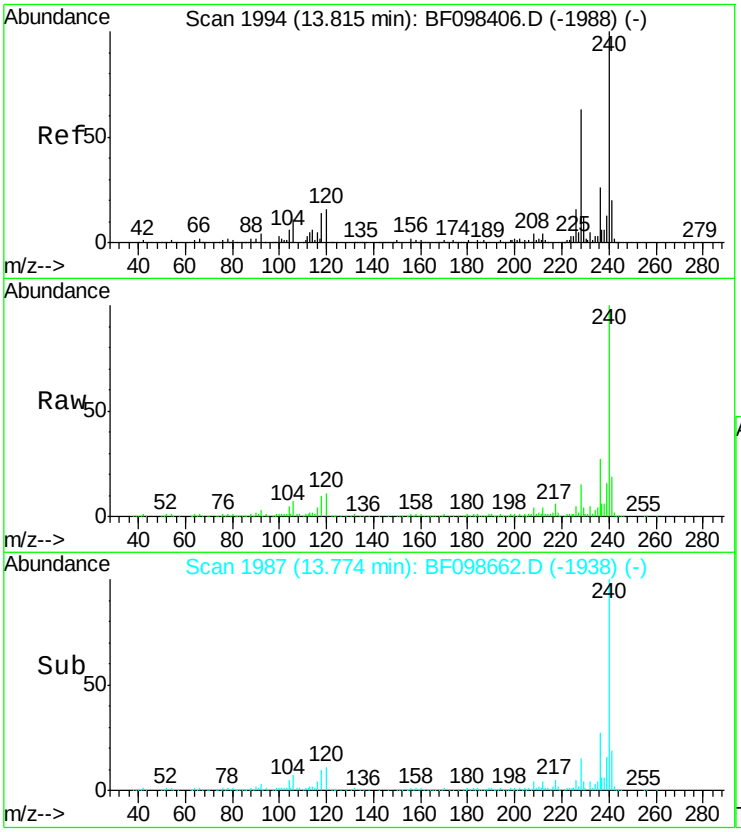


#74
Fluoranthene
Concen: 29.54 ng
RT: 12.35 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Tgt Ion:202 Resp: 360685

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.2
203	16.9	0.0	38.1



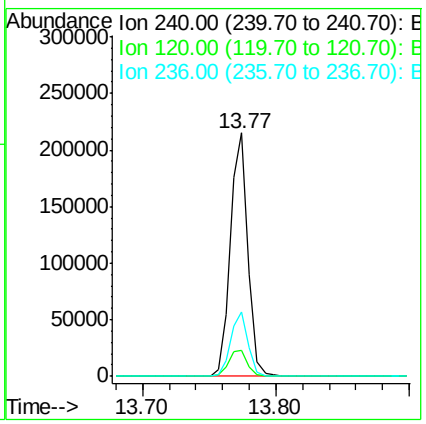


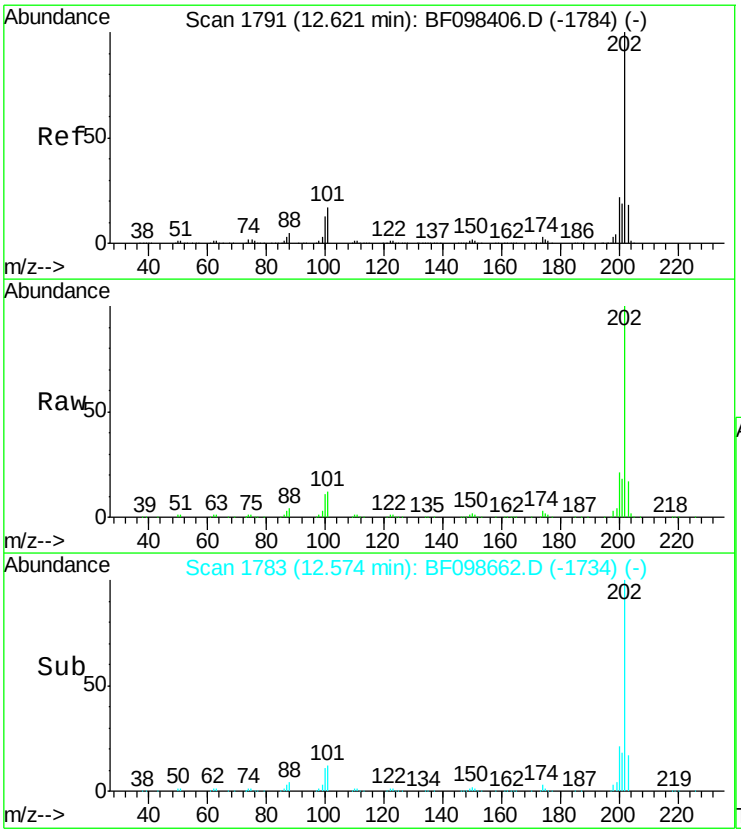
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 198304

Ion	Ratio	Lower	Upper
240	100		
120	10.7	5.8	8.8#
236	26.6	20.5	30.7

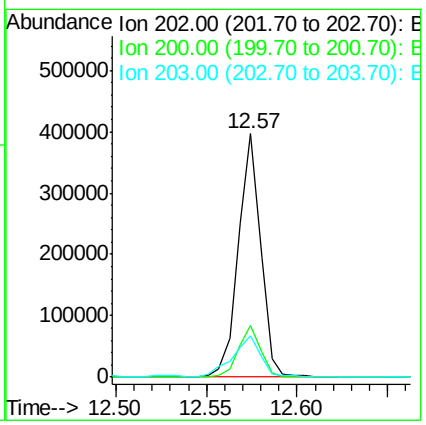


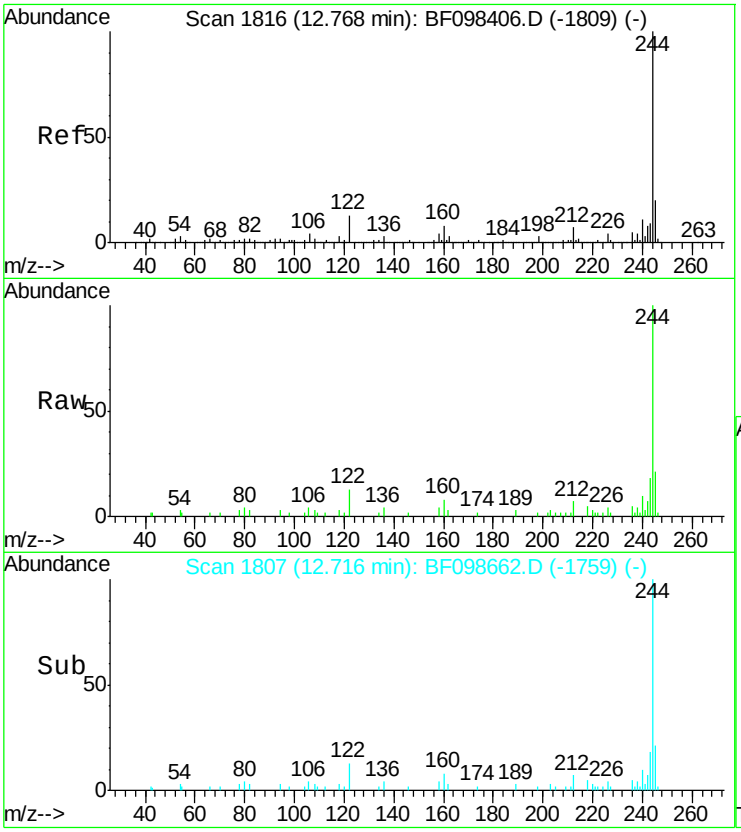


#77
Pyrene
Concen: 21.77 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Tgt Ion:202 Resp: 340498

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	17.0	14.4	21.6



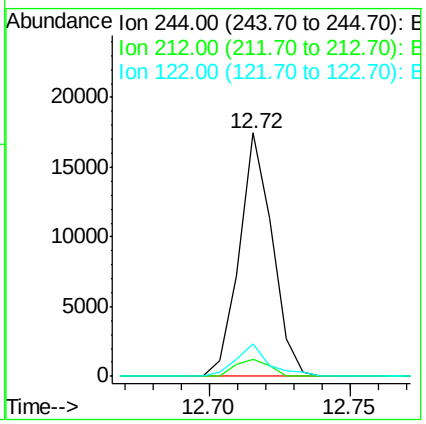


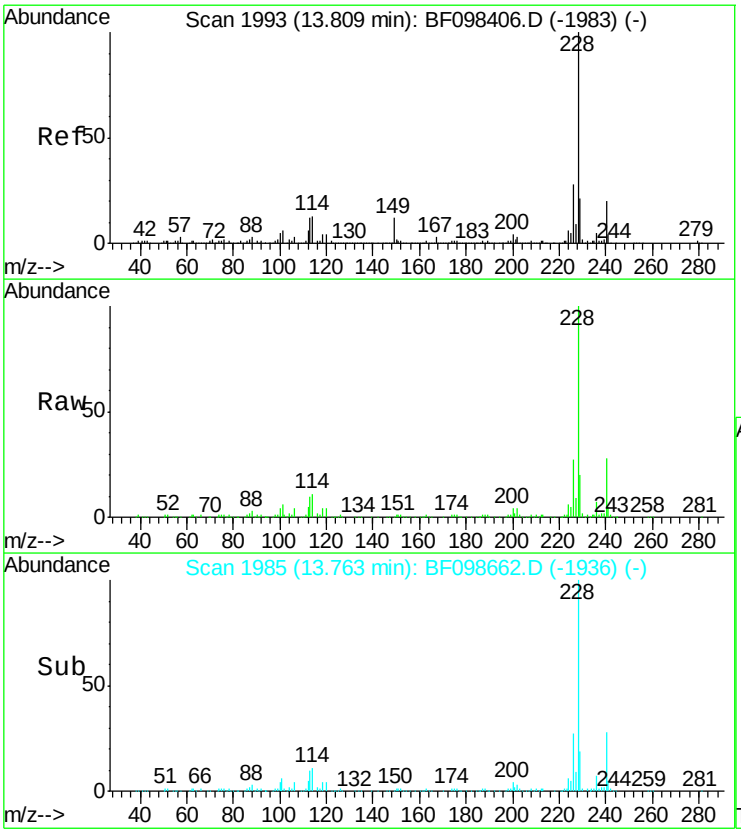
#78
Terphenyl-d14
Concen: 1.54 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 14177

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.4	10.3	15.5

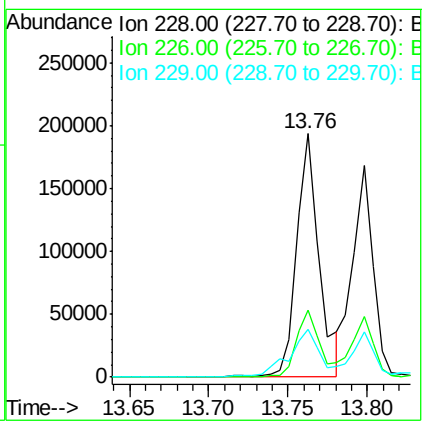


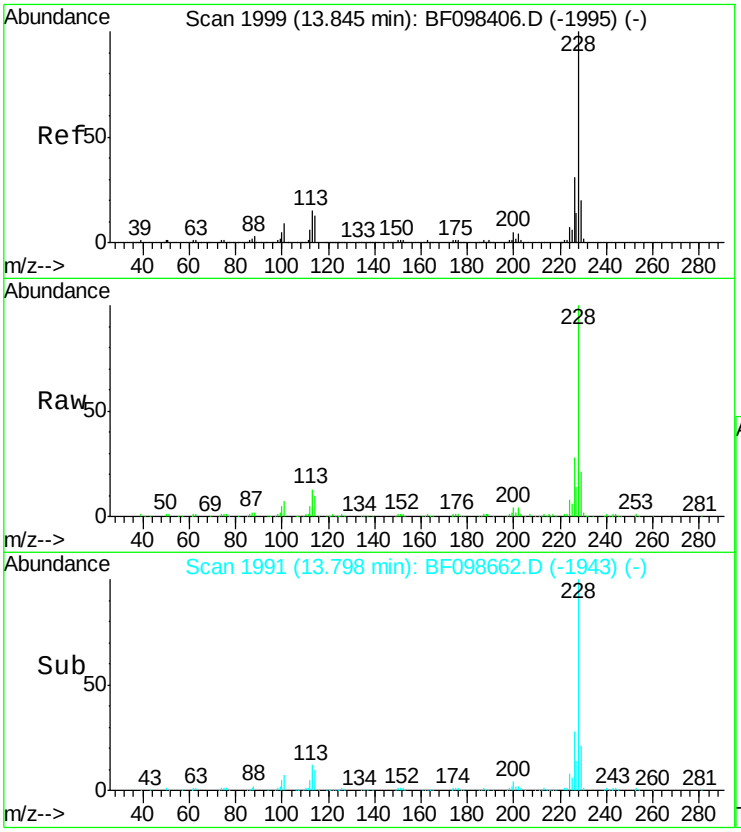


#80
Benzo(a)anthracene
Concen: 16.53 ng
RT: 13.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Tgt Ion:228 Resp: 192236

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.7	16.3	24.5



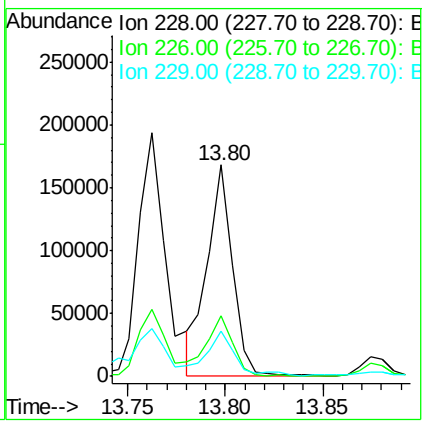


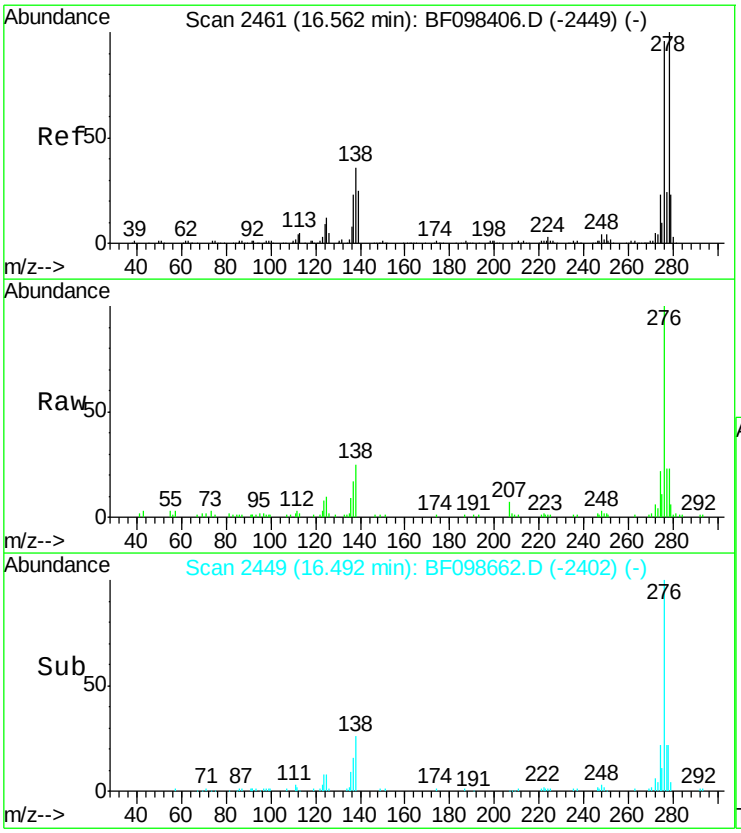
#82
Chrysene
Concen: 13.09 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 153805

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.9	37.3
229	21.3	15.8	23.6

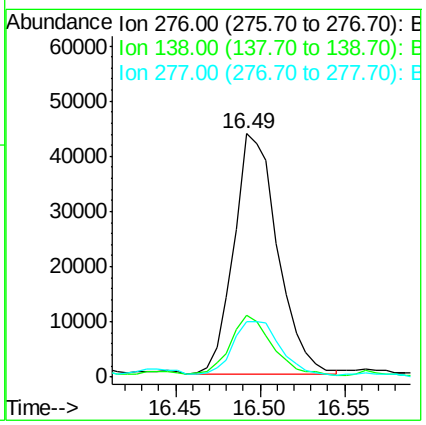


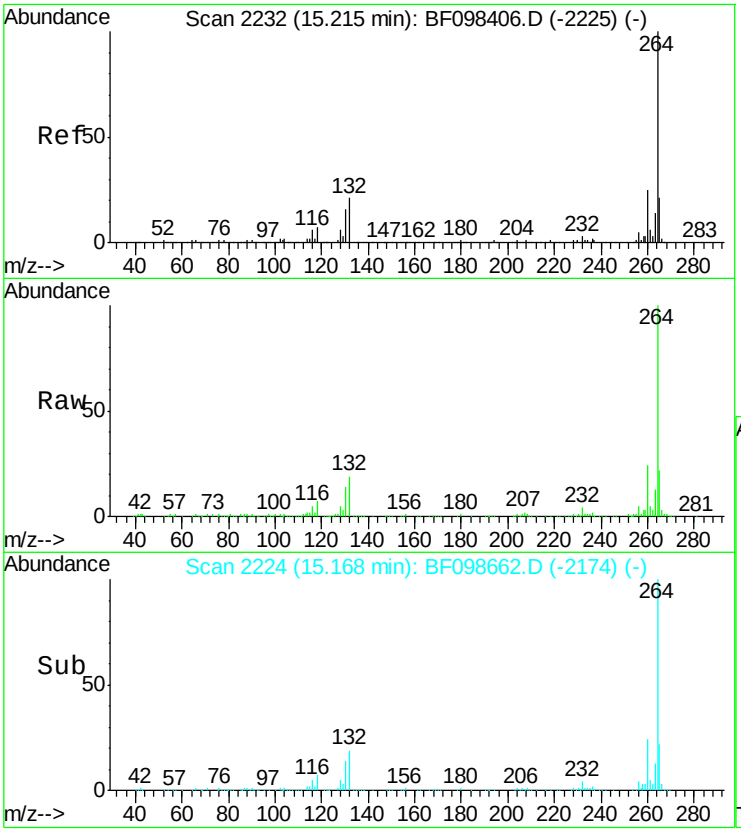


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.55 ng
RT: 16.49 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Tgt Ion:276 Resp: 78766

Ion	Ratio	Lower	Upper
276	100		
138	26.3	27.8	41.6#
277	25.3	20.2	30.4



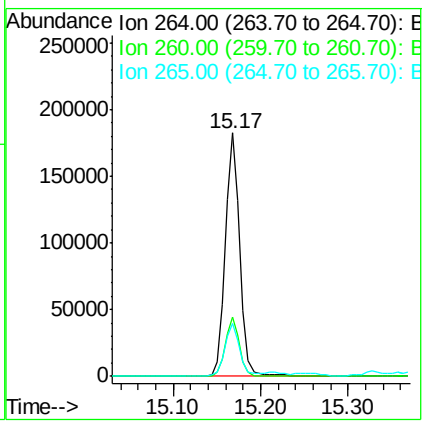


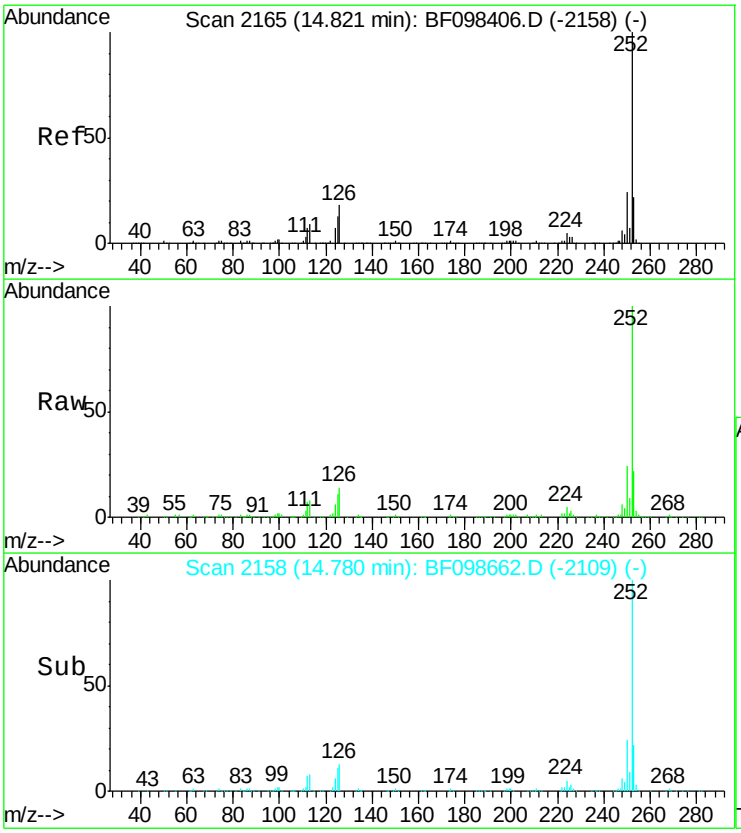
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 209160

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.6	17.2	25.8

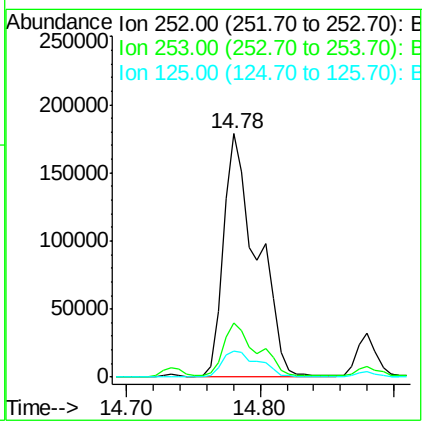


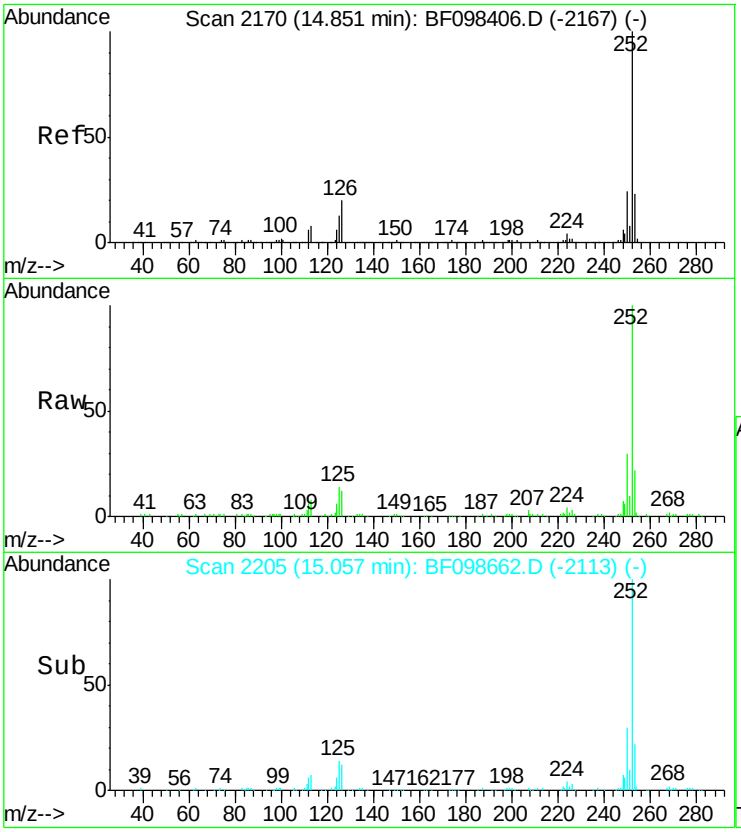


#87
Benzo(b)fluoranthene
Concen: 23.57 ng
RT: 14.78 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Tgt Ion:252 Resp: 309932

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	10.9	9.8	14.8



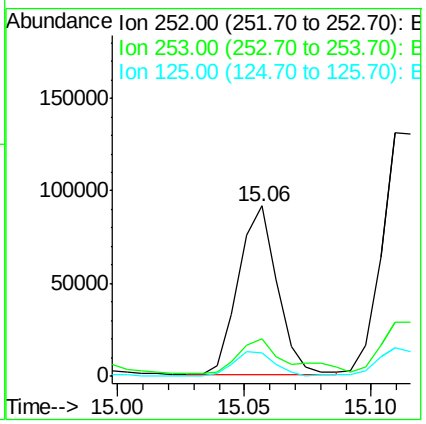


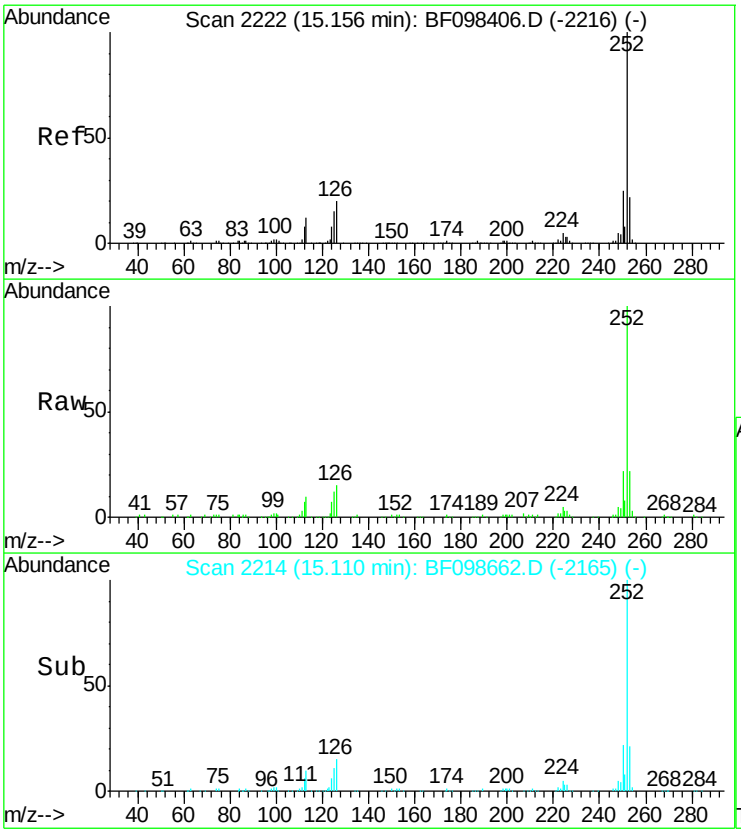
#88
Benzo(k)fluoranthene
Concen: 7.97 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.24 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 97802

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	14.0	13.1	19.7





#89
Benzo(a)pyrene
Concen: 13.35 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF098662.D
Acq: 20 Sep 2017 16:12

Tgt Ion:252 Resp: 156380

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.6	11.0	16.4