Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097197.D
Acq On : 29 Jul 2017 11:51
Operator : SJ/JU
Sample : I4444-10DL 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-072517-DDL

Quant Time: Jul 31 01:02:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	99551	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	386902	20.00	ng		-0.02
38) Acenaphthene-d10	9.52	164	150550	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	213394	20.00	ng		-0.01
75) Chrysene-d12	13.62	240	182594	20.00	ng		-0.01
86) Perylene-d12	14.96	264	135289	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	75072	11.37	ng		0.00
7) Phenol-d6	6.15	99	77959	10.34	ng		-0.02
23) Nitrobenzene-d5	7.06	82	35335	5.36	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	8602	7.23	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	67749	7.64	ng		-0.02
78) Terphenyl-d14	12.57	244	45563	5.09	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.06	82	35334	2.74	ng	#	67
31) Naphthalene	7.79	128	124787	6.84	ng		98
33) 4-Chloroaniline	7.79	127	15510	2.09	ng	#	29
37) 2-Methylnaphthalene	8.49	142	32700	2.83	ng		95
50) 2,6-Dinitrotoluene	9.52	165	20009	8.25	ng	#	31
51) Acenaphthene	9.55	154	51624	6.03	ng		99
54) Dibenzofuran	9.72	168	66409	5.83	ng		99
55) 4-Nitrophenol	9.72	139	25154	14.05	ng	#	28
56) 2,4-Dinitrotoluene	9.52	165	20009	7.18	ng	#	31
57) Fluorene	10.06	166	85076	9.93	ng		97
59) Diethylphthalate	9.95	149	27111	2.58	ng		99
70) Phenanthrene	11.02	178	492163	43.04	ng		98
71) Anthracene	11.06	178	176523	15.07	ng		98
72) Carbazole	11.23	167	44975	3.91	ng	#	97
74) Fluoranthene	12.20	202	674036	60.18	ng		99
77) Pyrene	12.42	202	601944	40.27	ng		99
80) Benzo(a)anthracene	13.60	228	314160	26.59	ng		98
82) Chrysene	13.64	228	261150	22.64	ng		98
85) Indeno(1,2,3-cd)pyrene	16.19	276	98749	9.98	ng		95
87) Benzo(b)fluoranthene	14.61	252	359470	44.20	ng	#	97
88) Benzo(k)fluoranthene	14.61	252	359470	46.39	ng		99
89) Benzo(a)pyrene	14.92	252	191562	25.74	ng		99
90) Dibenzo(a,h)anthracene	16.19	278	26879	4.40	ng	#	73
91) Benzo(g,h,i)perylene	16.55	276	88633	13.85	ng		98

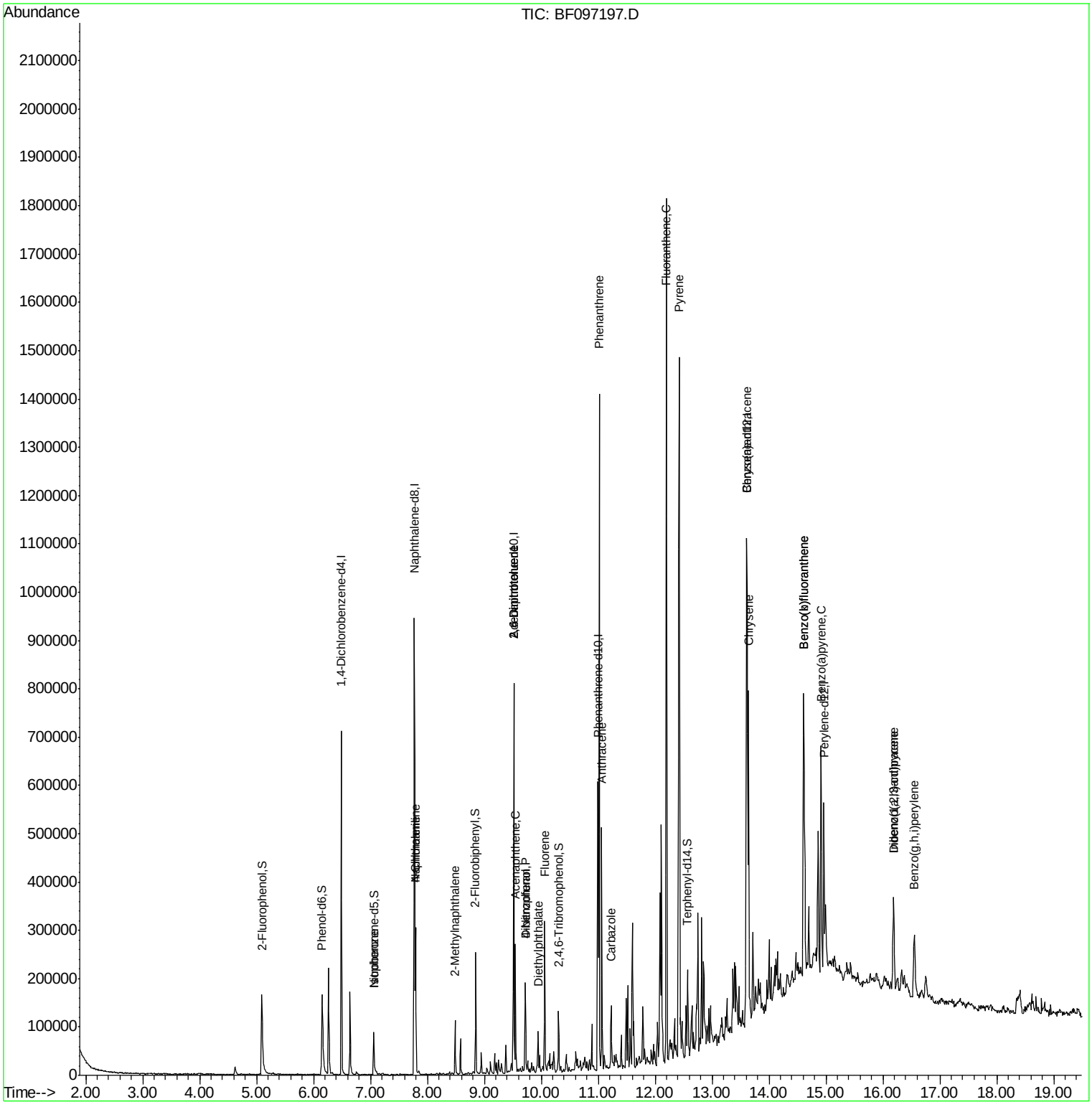
(#) = qualifier out of range (m) = manual integration (+) = signals summed

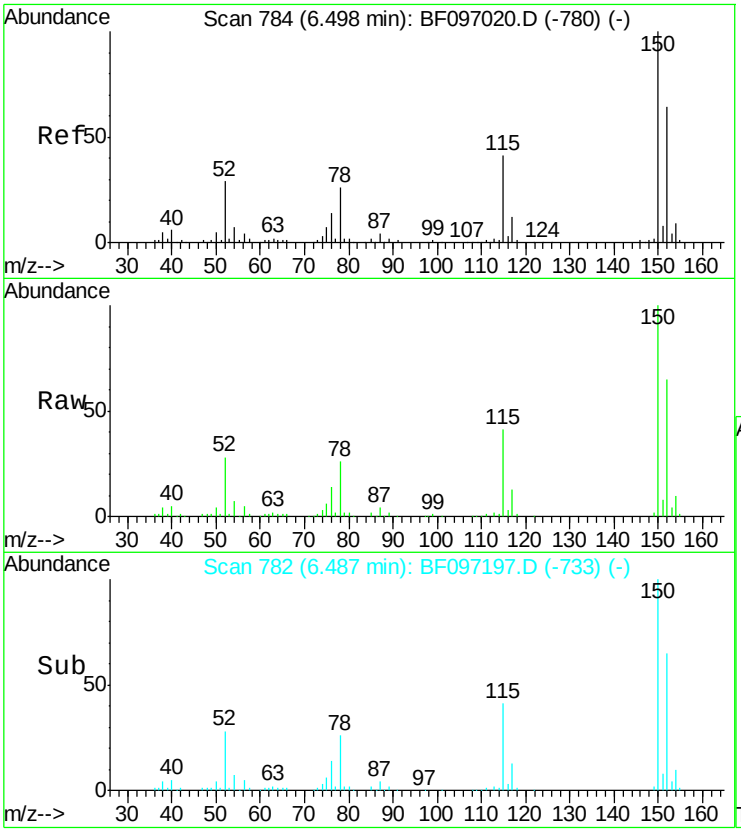
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097197.D
Acq On : 29 Jul 2017 11:51
Operator : SJ/JU
Sample : I4444-10DL 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Quant Time: Jul 31 01:02:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration



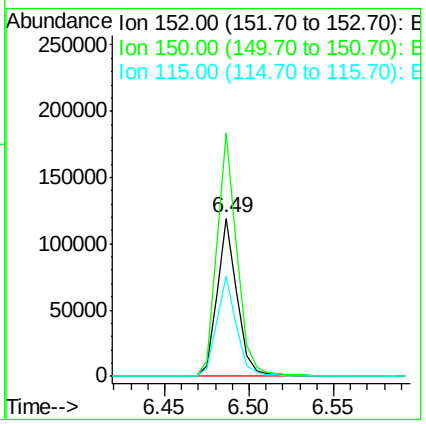


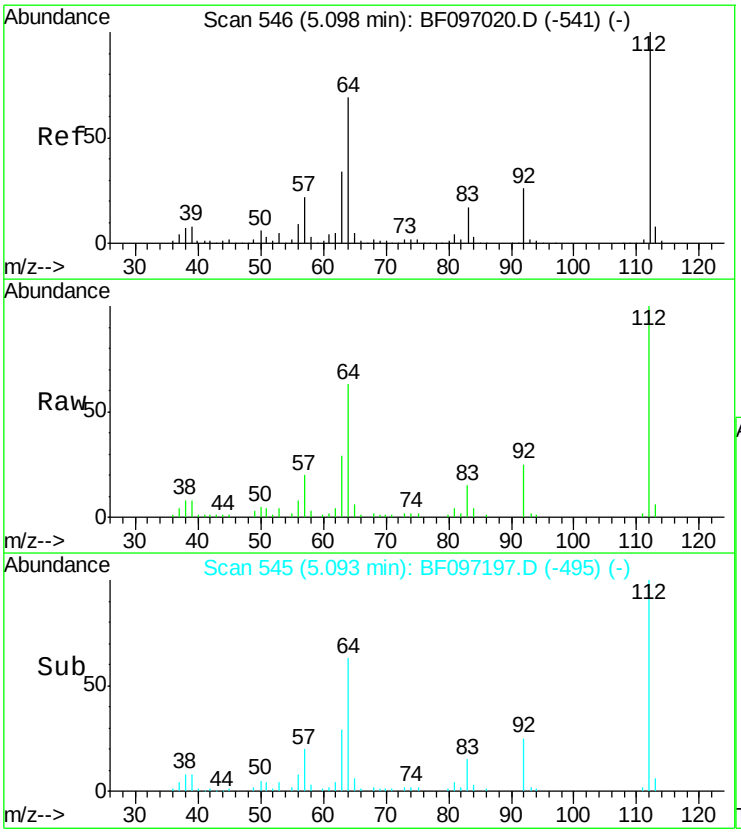
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tgt Ion:152 Resp: 99551

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	63.2	52.2	78.2

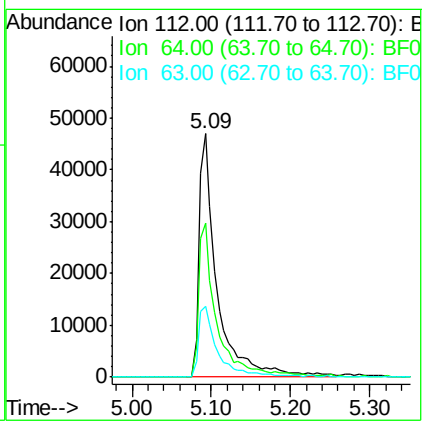


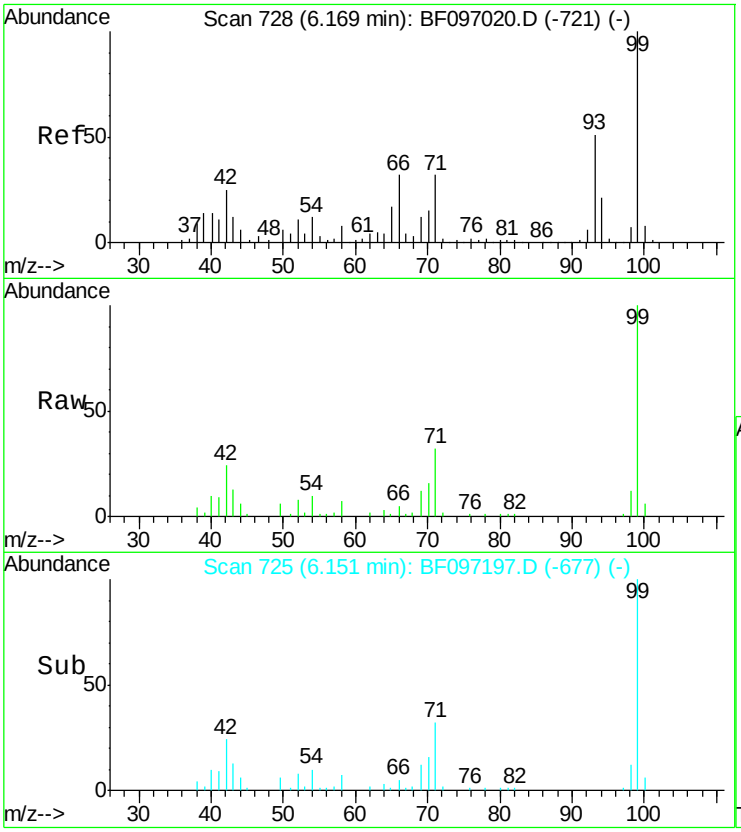


#5
2-Fluorophenol
Concen: 11.37 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:112 Resp: 75072

Ion	Ratio	Lower	Upper
112	100		
64	63.4	46.0	69.0
63	29.0	23.4	35.0



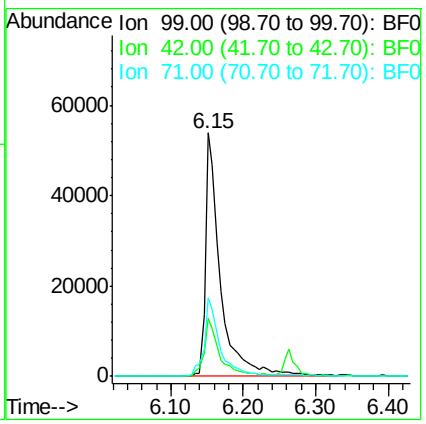


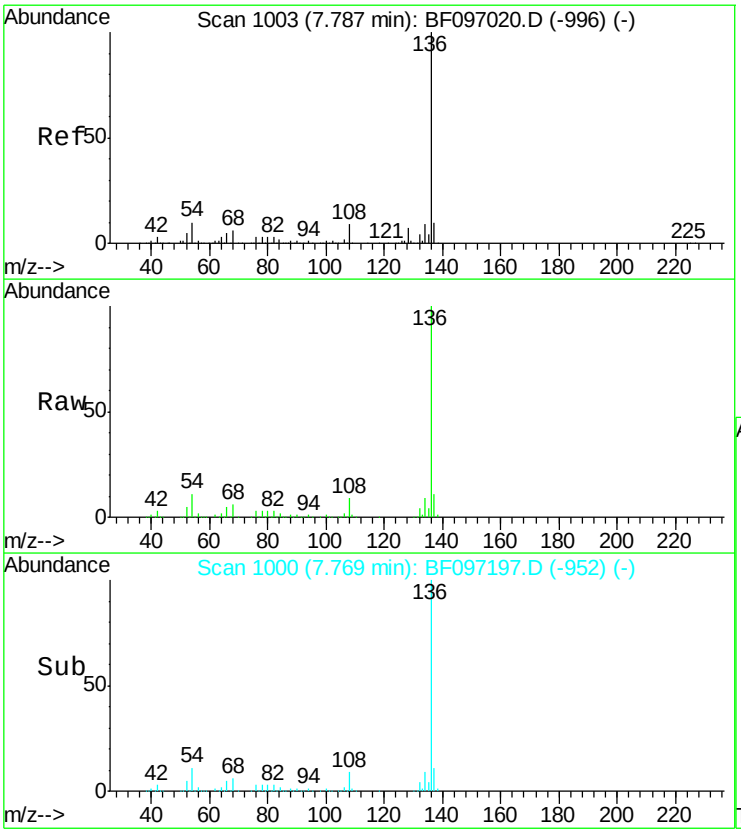
#7
Phenol-d6
Concen: 10.34 ng
RT: 6.15 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tgt Ion: 99 Resp: 77959

Ion	Ratio	Lower	Upper
99	100		
42	23.6	13.5	20.3#
71	32.3	24.5	36.7

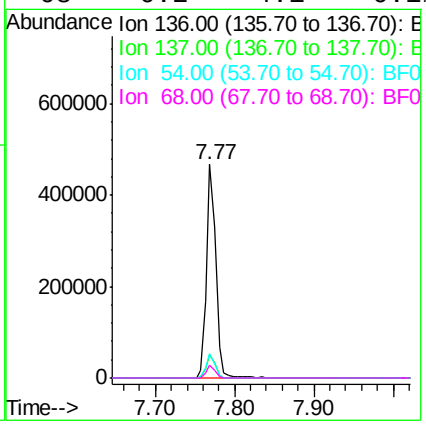


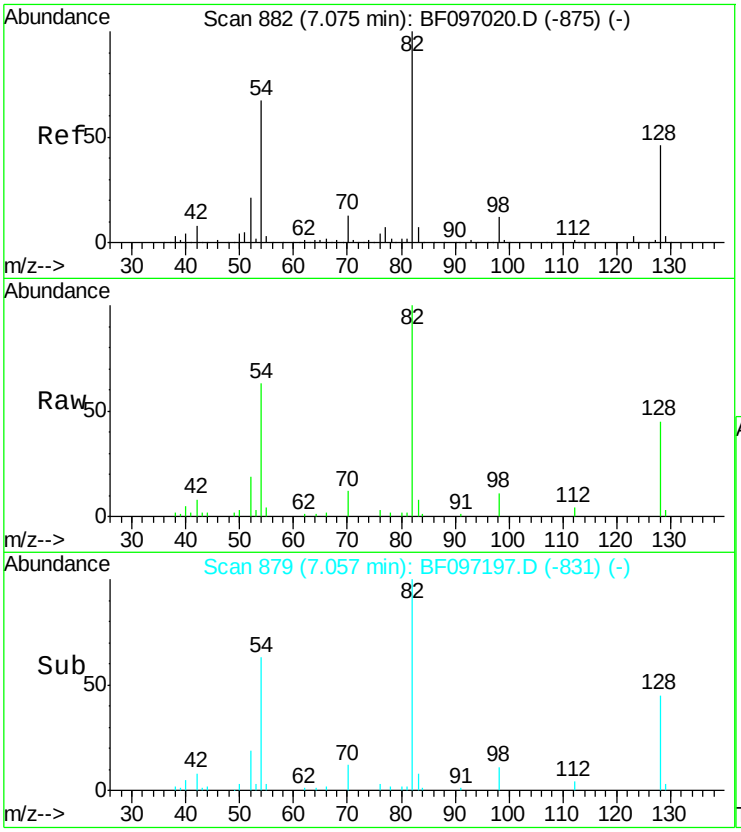


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:136 Resp: 386902

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.1	4.9	7.3#
68	6.2	4.1	6.1#



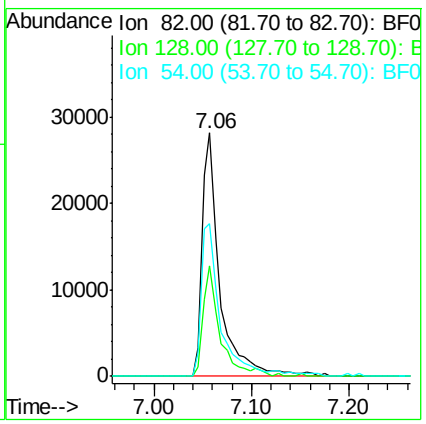


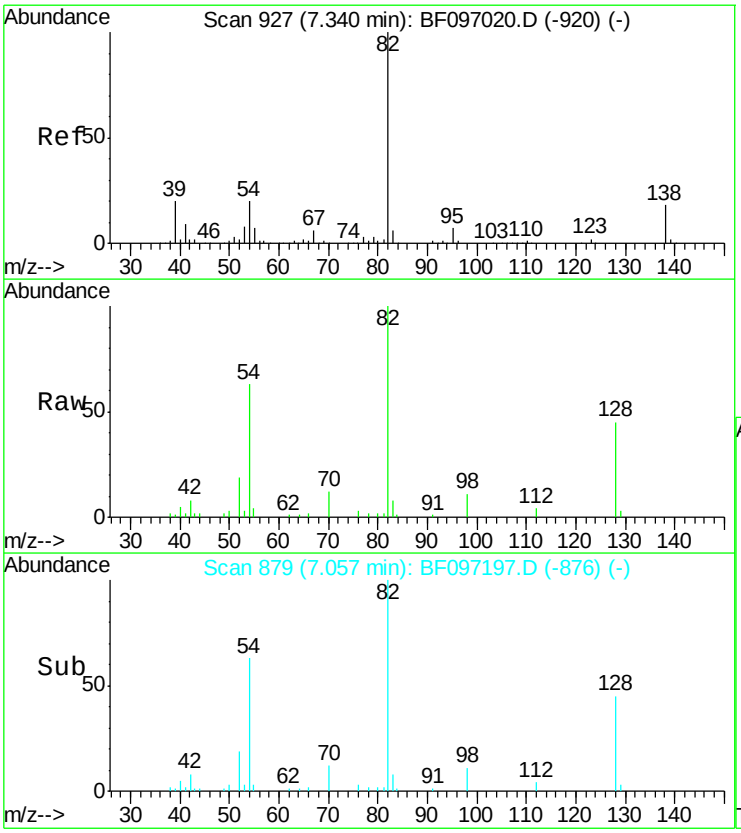
#23
Nitrobenzene-d5
Concen: 5.36 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tgt Ion: 82 Resp: 35335

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.0	51.0
54	62.8	42.2	63.2

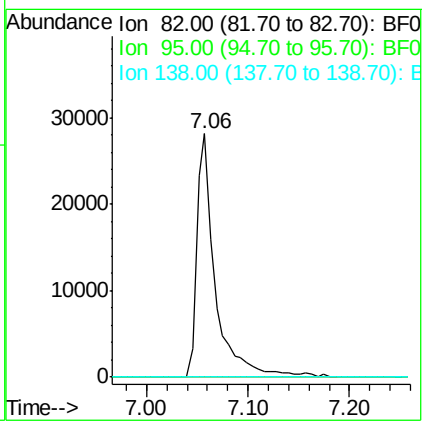


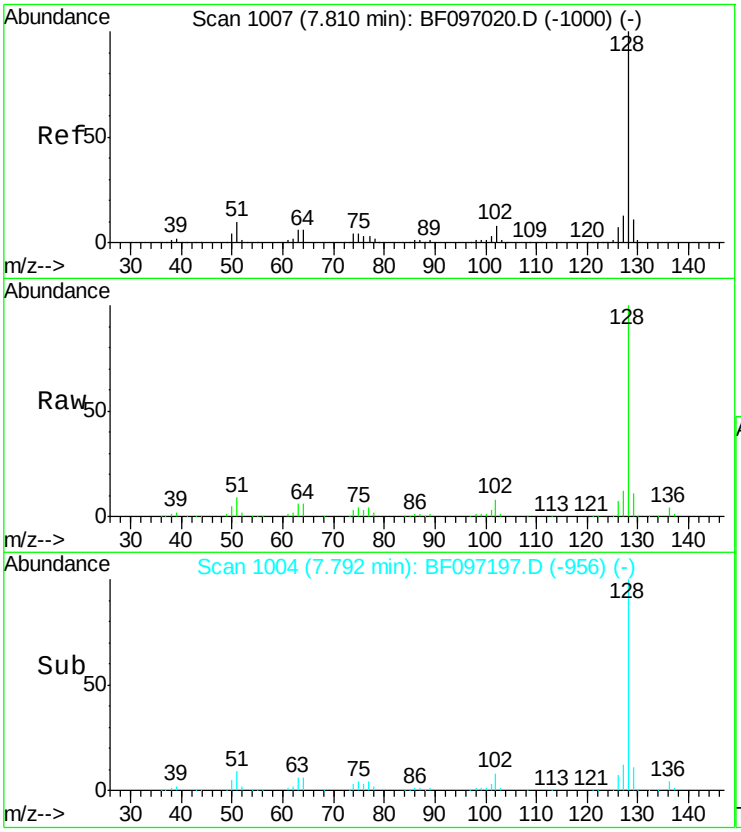


#25
Isophorone
Concen: 2.74 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion: 82 Resp: 35334

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



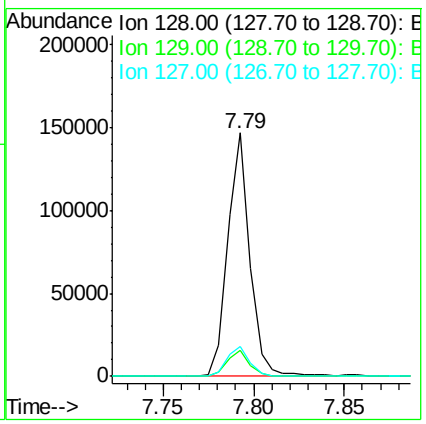


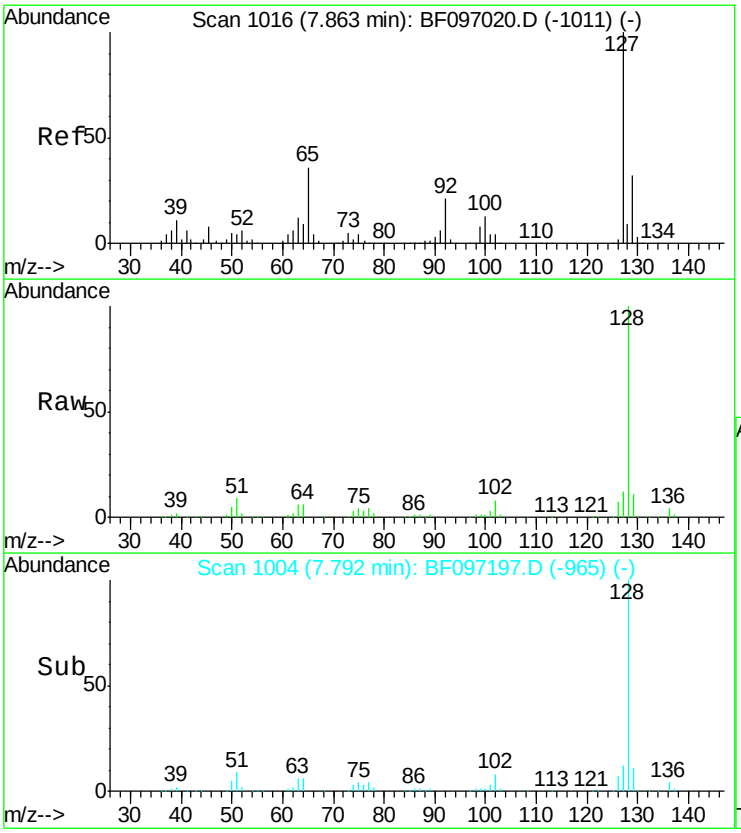
#31
Naphthalene
Concen: 6.84 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument : BNA_F
ClientSampleId : EO-02-072517-DDL

Tgt Ion:128 Resp: 124787

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	12.2	10.8	16.2

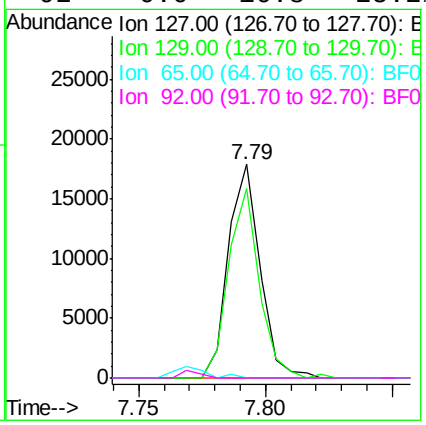


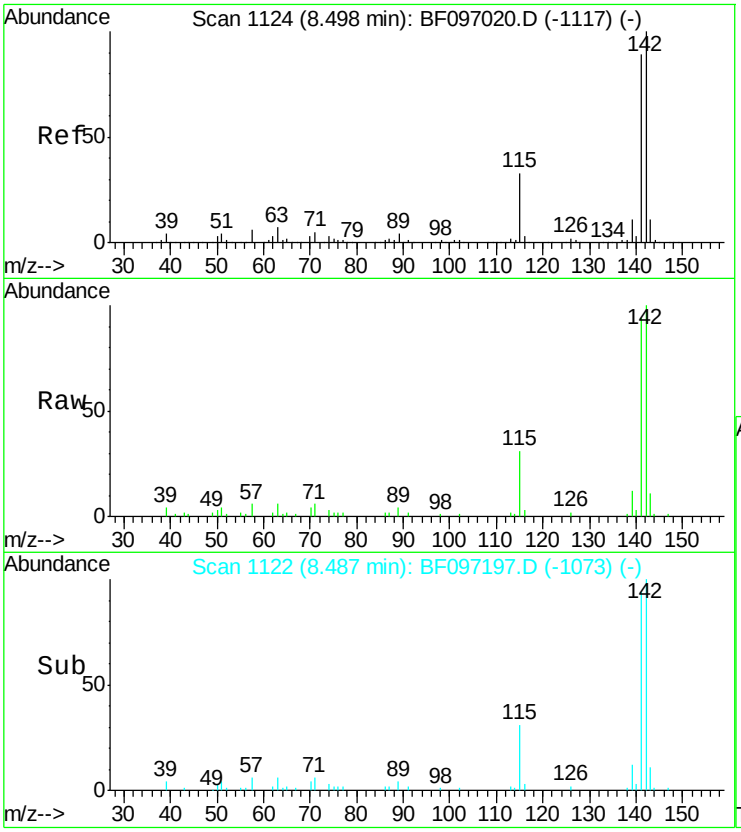


#33
4-Chloroaniline
Concen: 2.09 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.07 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:127 Resp: 15510

Ion	Ratio	Lower	Upper
127	100		
129	89.0	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



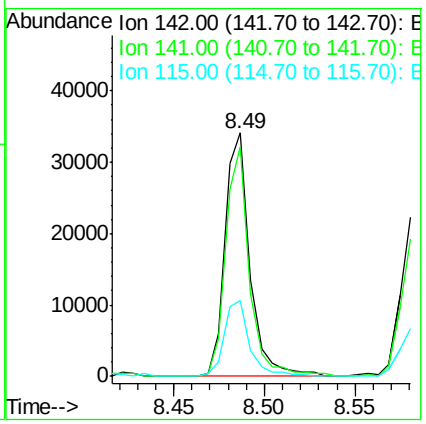


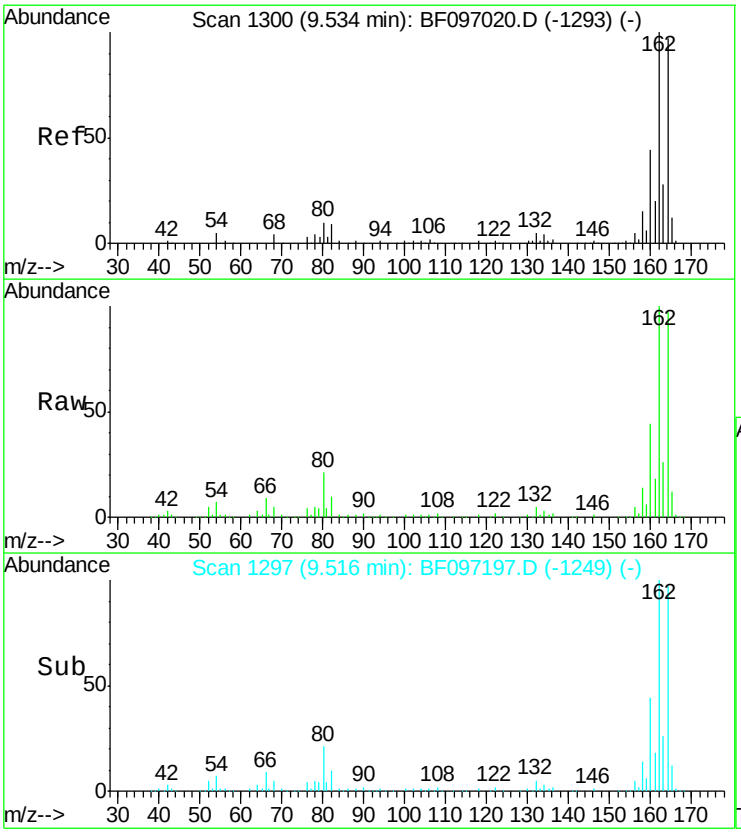
#37
2-Methylnaphthalene
Concen: 2.83 ng
RT: 8.49 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tgt Ion:142 Resp: 32700

Ion	Ratio	Lower	Upper
142	100		
141	94.2	71.3	106.9
115	31.0	27.1	40.7

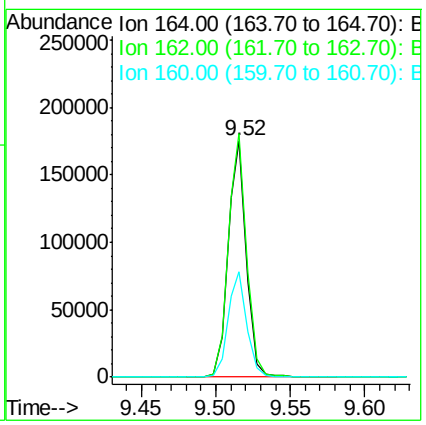


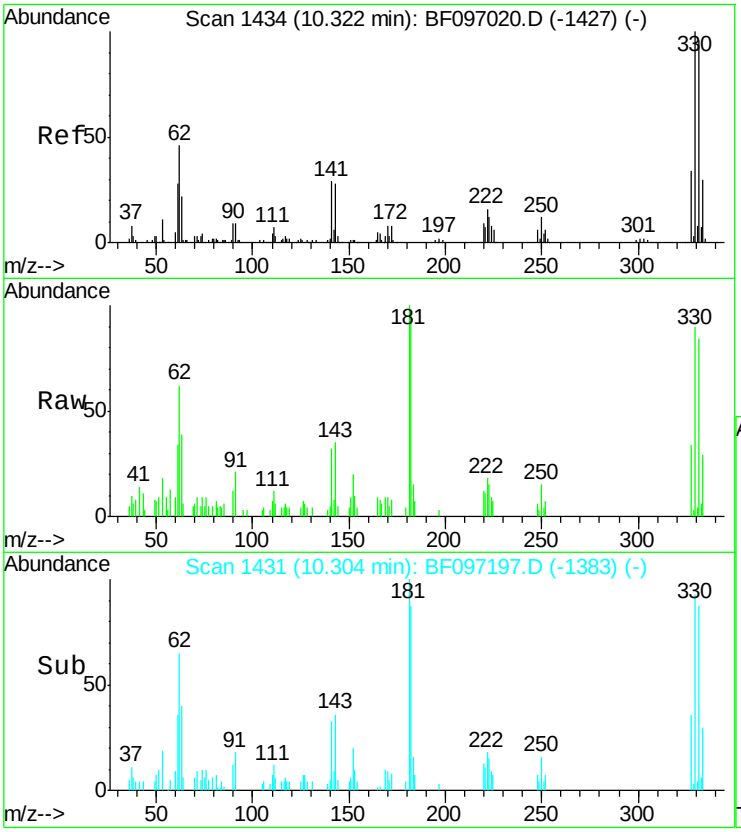


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:164 Resp: 150550

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	44.8	36.2	54.2



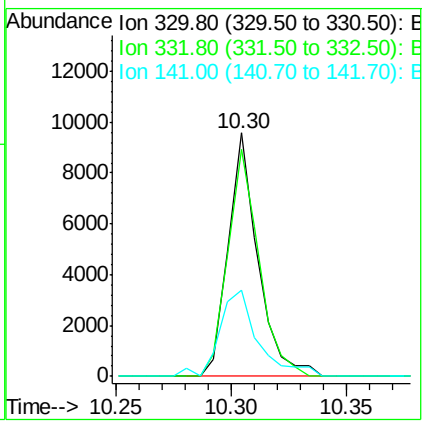


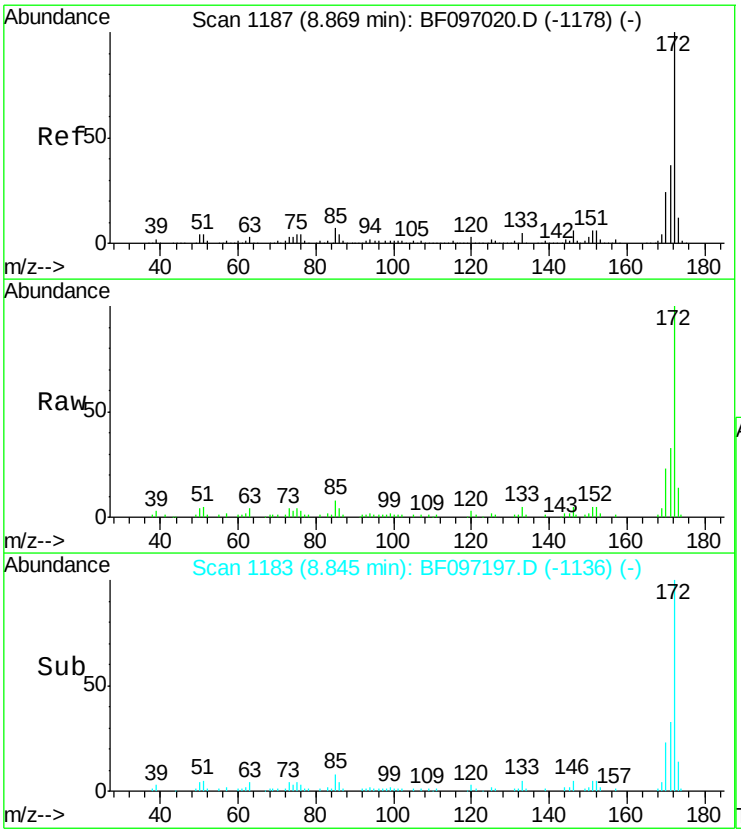
#41
2,4,6-Tribromophenol
Concen: 7.23 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tgt Ion:330 Resp: 8602

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	45.7	31.4	47.2

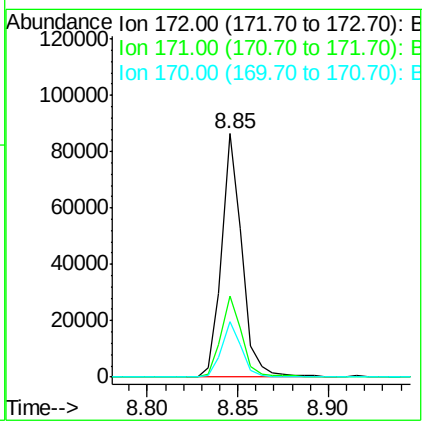


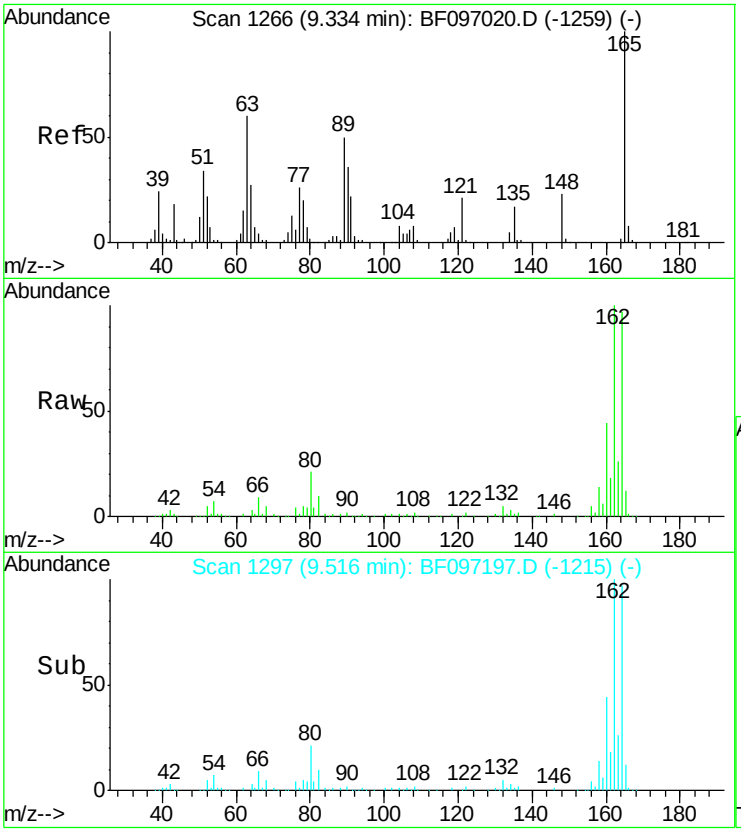


#44
2-Fluorobiphenyl
Concen: 7.64 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:172 Resp: 67749

Ion	Ratio	Lower	Upper
172	100		
171	33.0	29.6	44.4
170	22.6	19.8	29.8



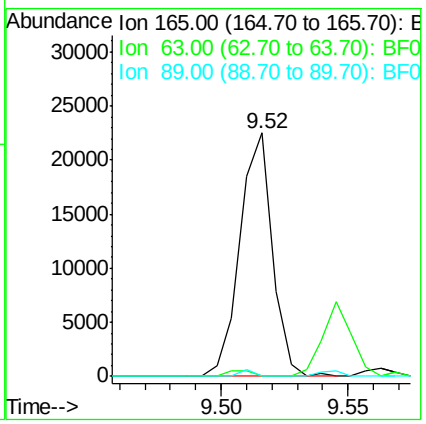


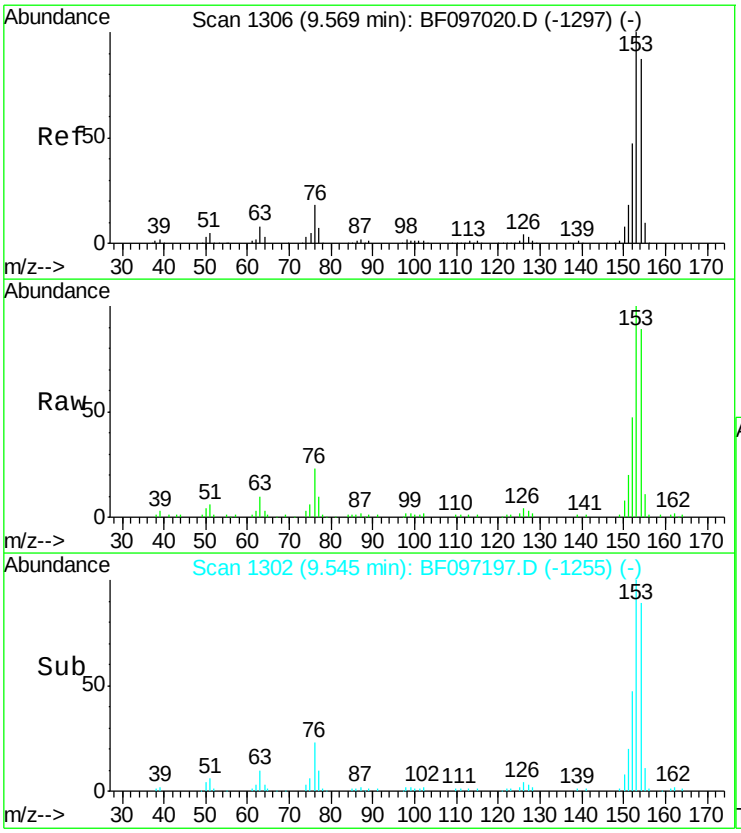
#50
2,6-Dinitrotoluene
Concen: 8.25 ng
RT: 9.52 min Scan# 1297
Delta R.T. 0.18 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tgt Ion:165 Resp: 20009

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

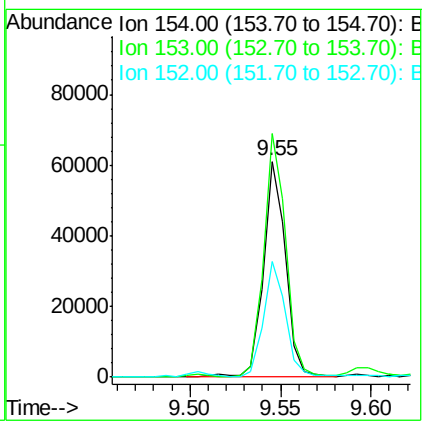


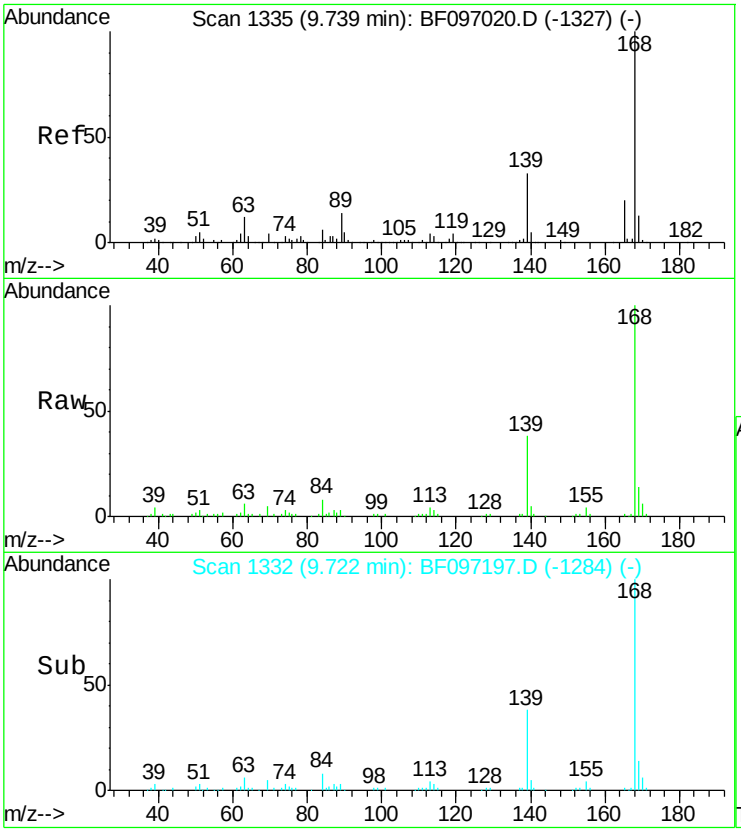


#51
Acenaphthene
Concen: 6.03 ng
RT: 9.55 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:154 Resp: 51624

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.5	135.7
152	53.5	43.6	65.4



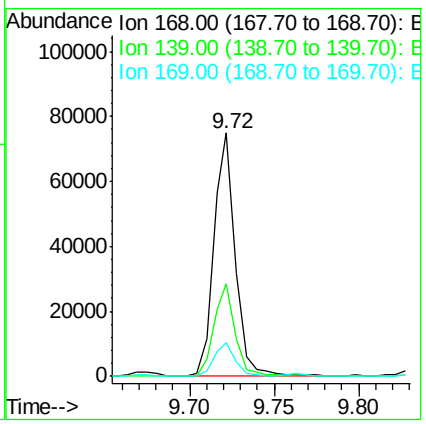


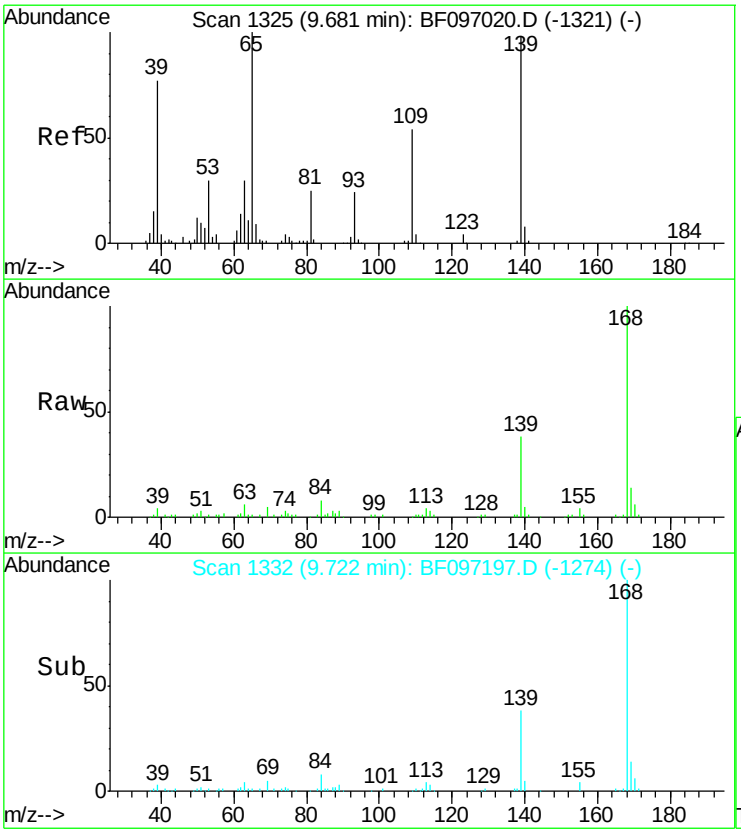
#54
Dibenzofuran
Concen: 5.83 ng
RT: 9.72 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tgt Ion:168 Resp: 66409

Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.6	45.8
169	14.0	10.8	16.2

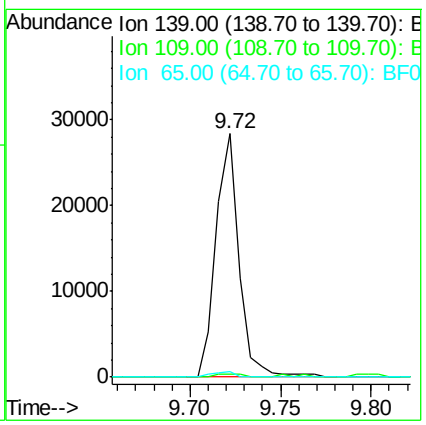


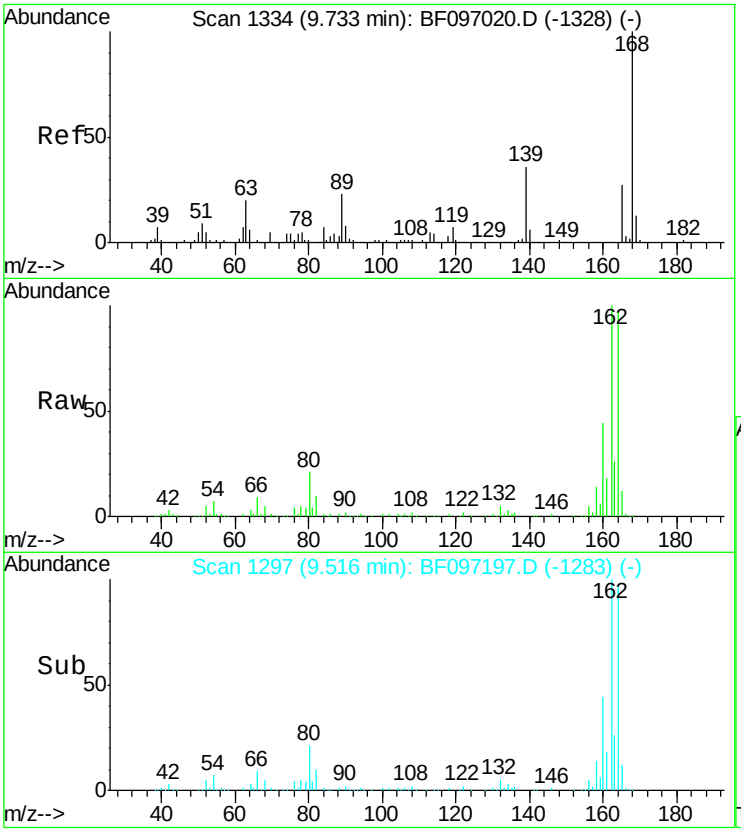


#55
4-Nitrophenol
Concen: 14.05 ng
RT: 9.72 min Scan# 1332
Delta R.T. 0.04 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:139 Resp: 25154

Ion	Ratio	Lower	Upper
139	100		
109	1.2	34.1	74.1#
65	2.1	31.4	71.4#



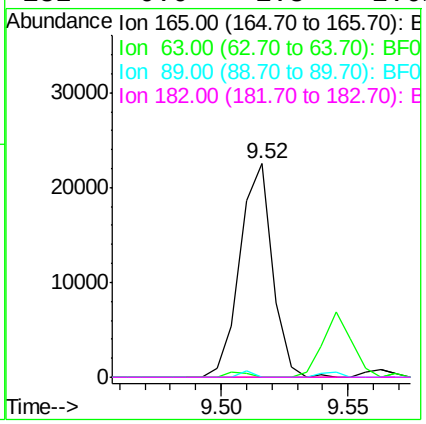


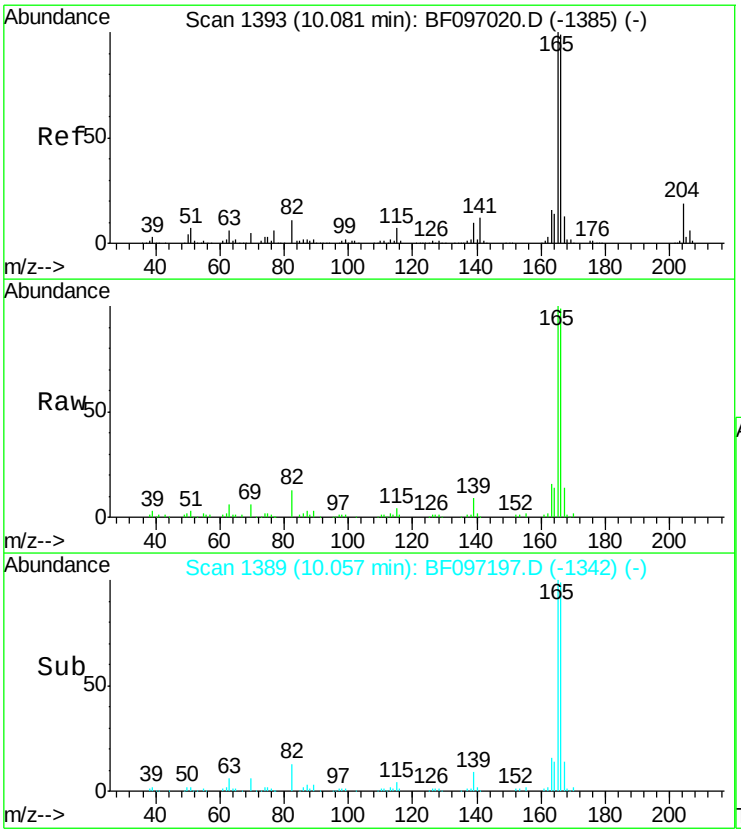
#56
2,4-Dinitrotoluene
Concen: 7.18 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.22 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tgt Ion:165 Resp: 20009

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

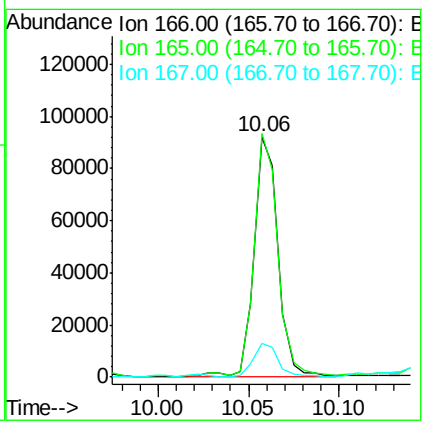


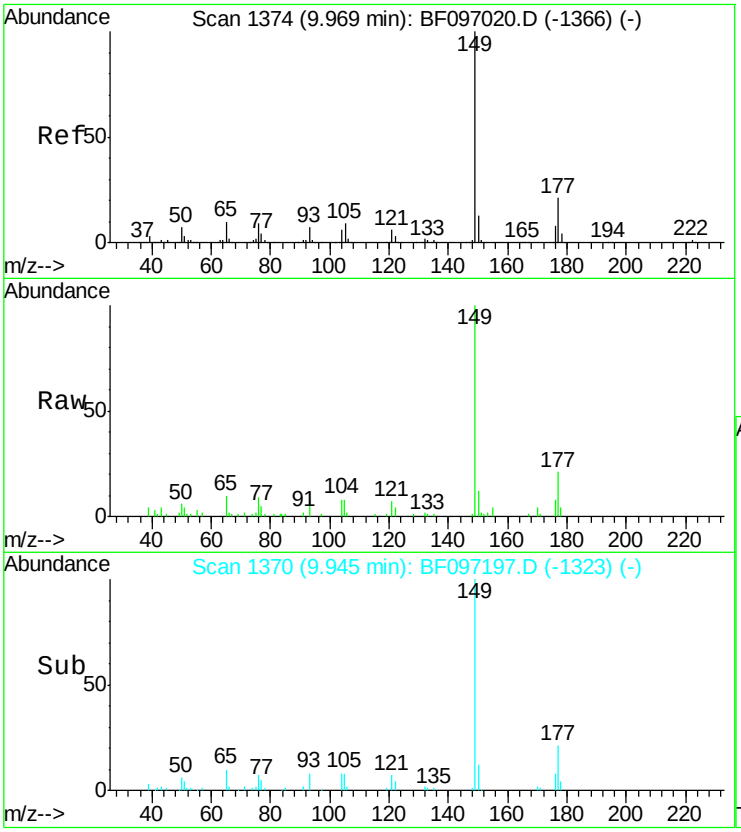


#57
Fluorene
Concen: 9.93 ng
RT: 10.06 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:166 Resp: 85076

Ion	Ratio	Lower	Upper
166	100		
165	101.3	78.8	118.2
167	13.8	10.6	16.0



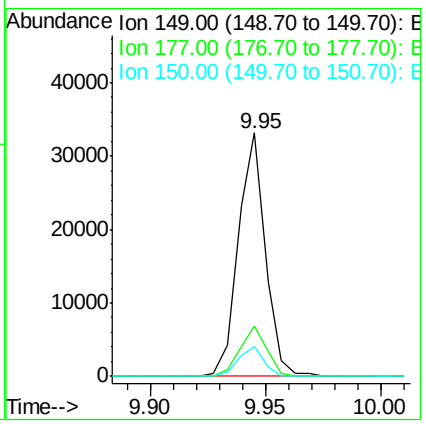


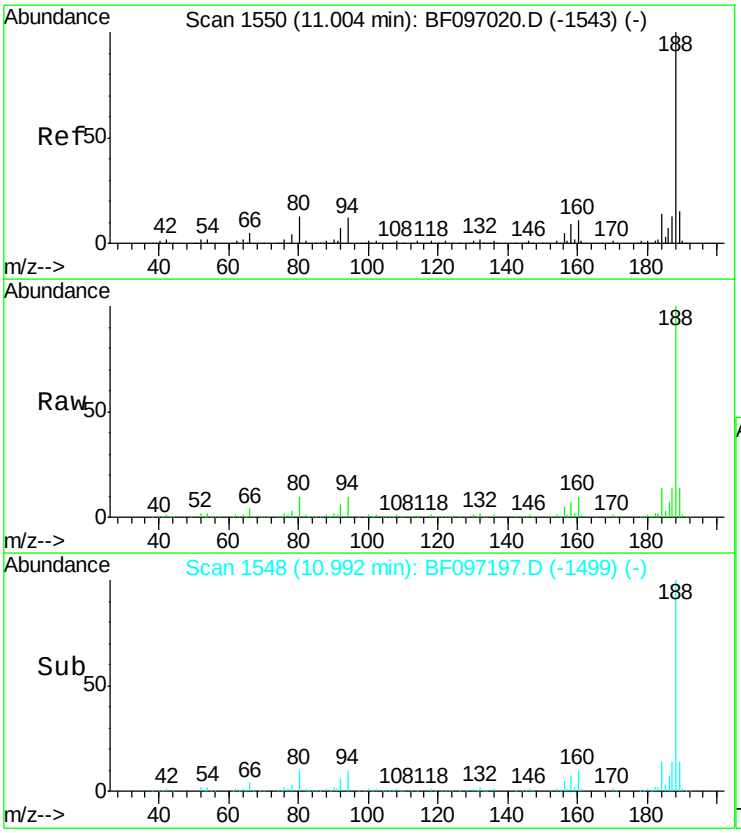
#59
Diethylphthalate
Concen: 2.58 ng
RT: 9.95 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument : BNA_F
ClientSampleId : EO-02-072517-DDL

Tgt Ion:149 Resp: 27111

Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.7	25.1
150	12.3	10.2	15.2

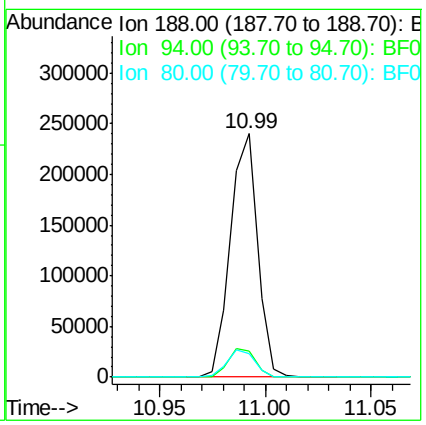


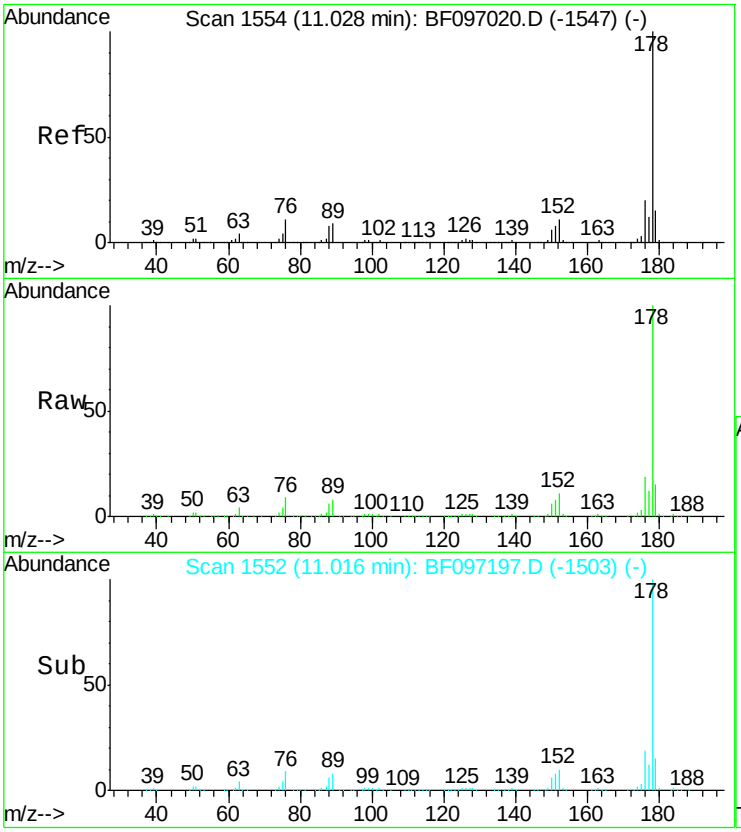


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:188 Resp: 213394

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	9.8	10.2	15.2#



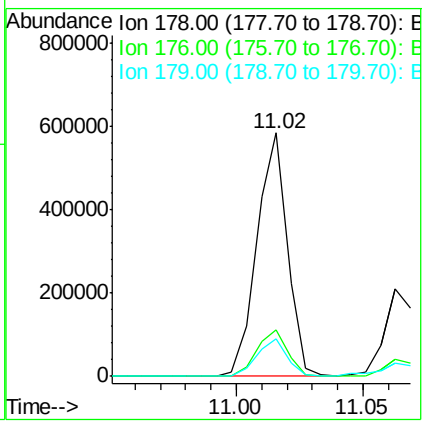


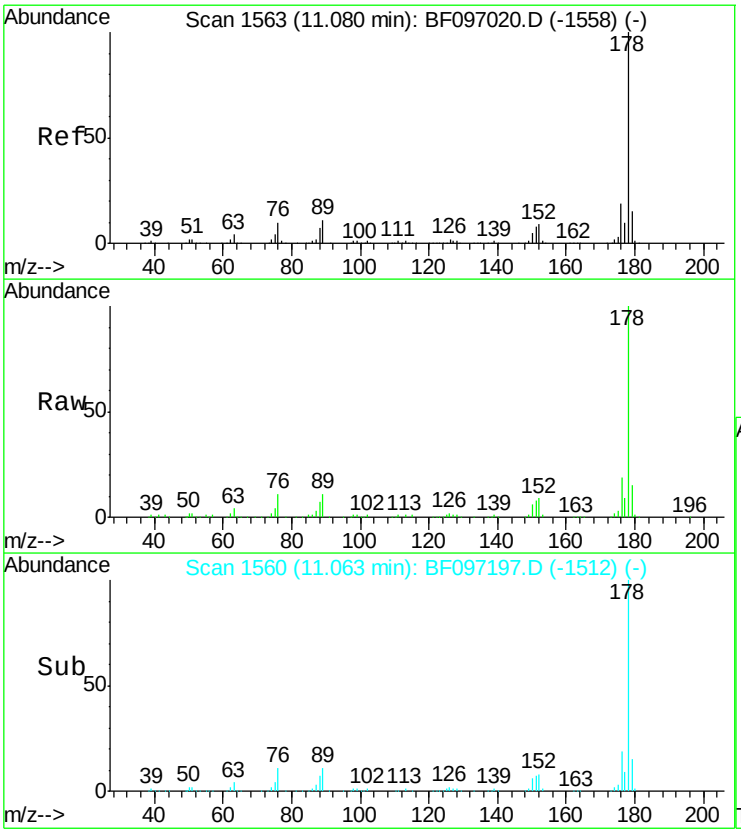
#70
Phenanthrene
Concen: 43.04 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tgt Ion:178 Resp: 492163

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.5	12.6	19.0

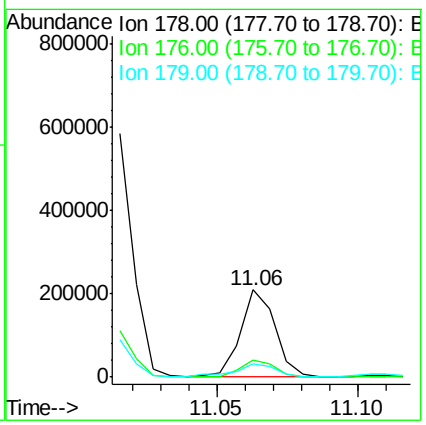


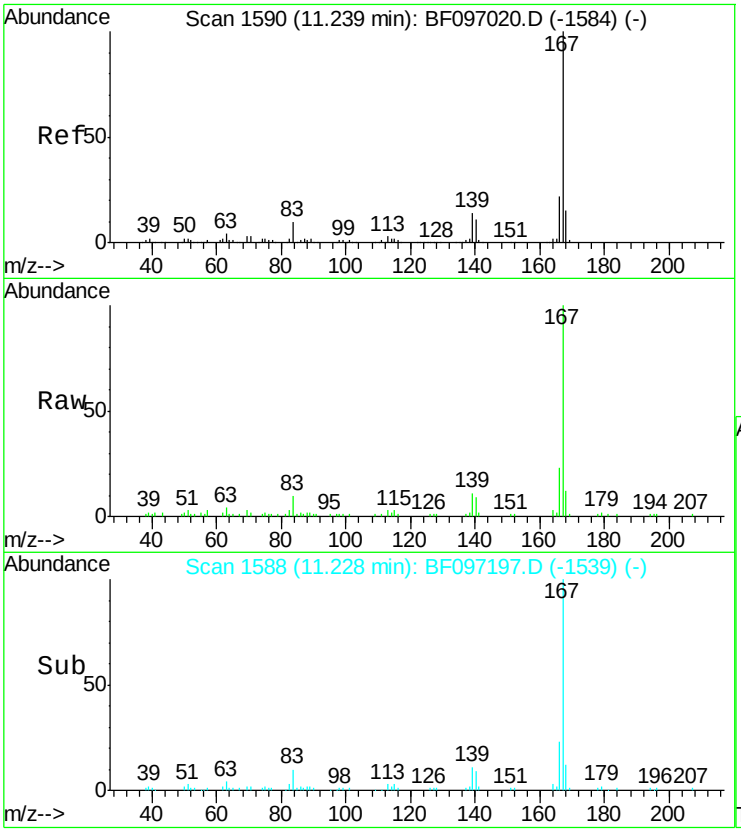


#71
Anthracene
Concen: 15.07 ng
RT: 11.06 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:178 Resp: 176523

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.0	12.7	19.1



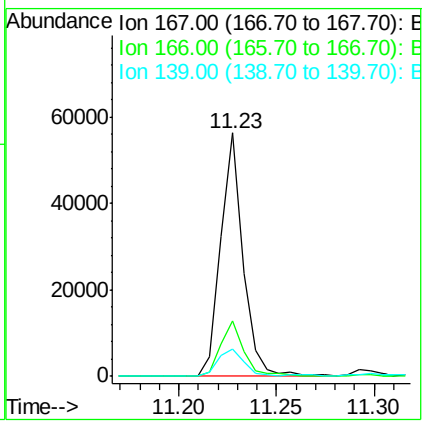


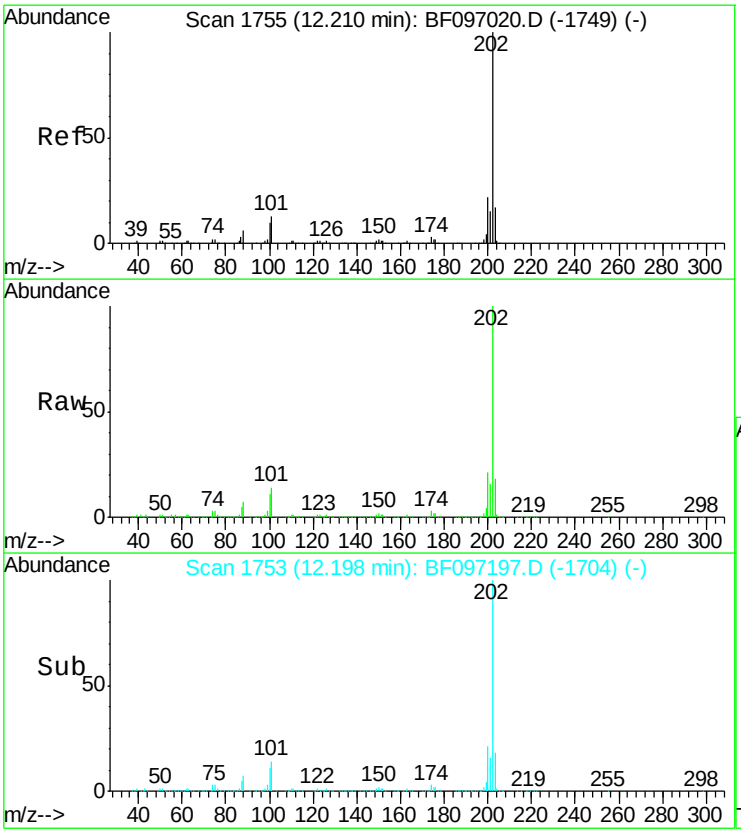
#72
Carbazole
Concen: 3.91 ng
RT: 11.23 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tgt Ion:167 Resp: 44975

Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.1	27.1
139	11.4	11.7	17.5#

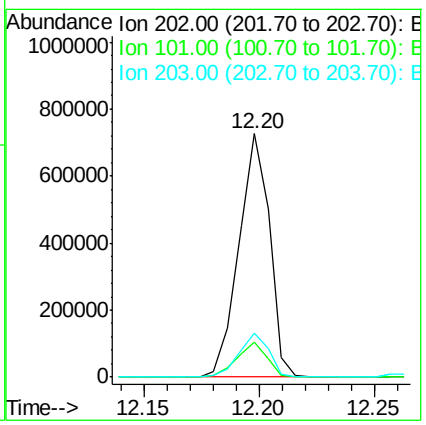


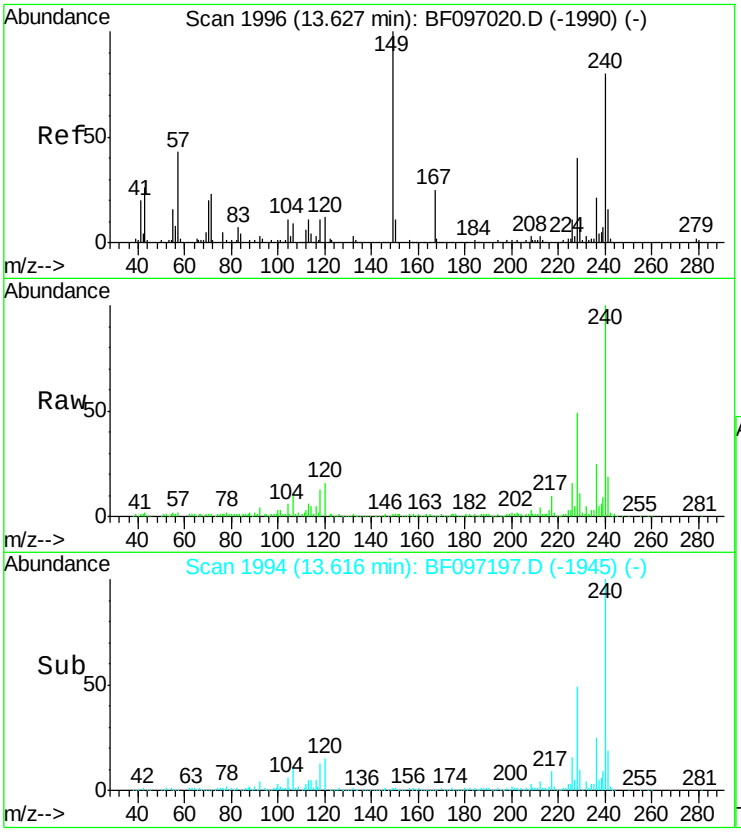


#74
Fluoranthene
Concen: 60.18 ng
RT: 12.20 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:202 Resp: 674036

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	18.0	0.0	38.1



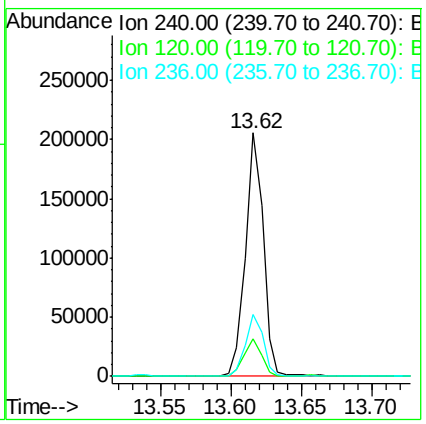


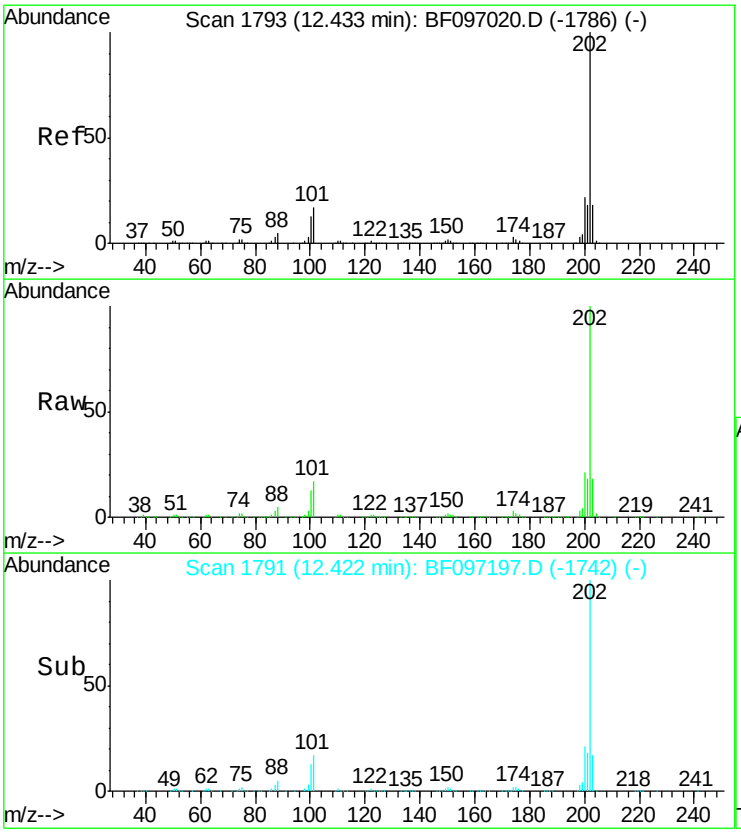
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tgt Ion:240 Resp: 182594

Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	25.3	20.5	30.7

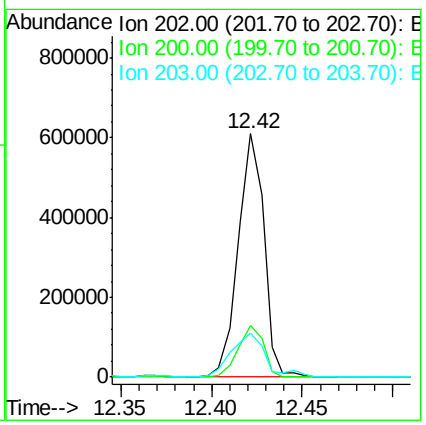


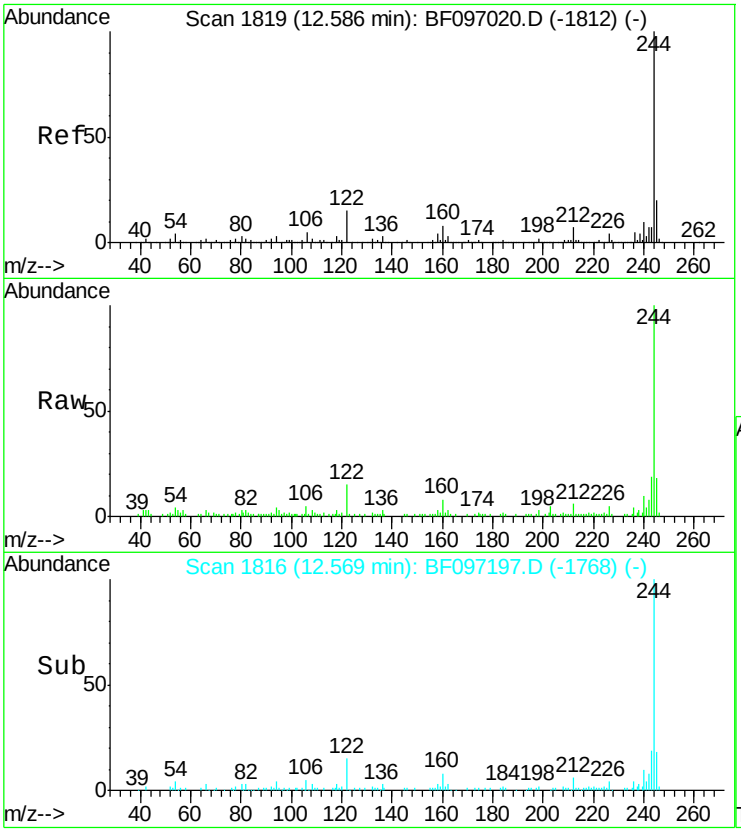


#77
Pyrene
Concen: 40.27 ng
RT: 12.42 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:202 Resp: 601944

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.9	14.4	21.6



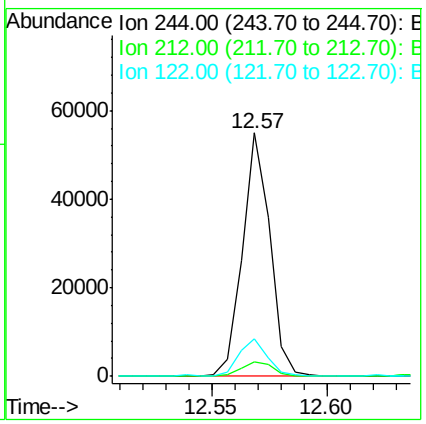


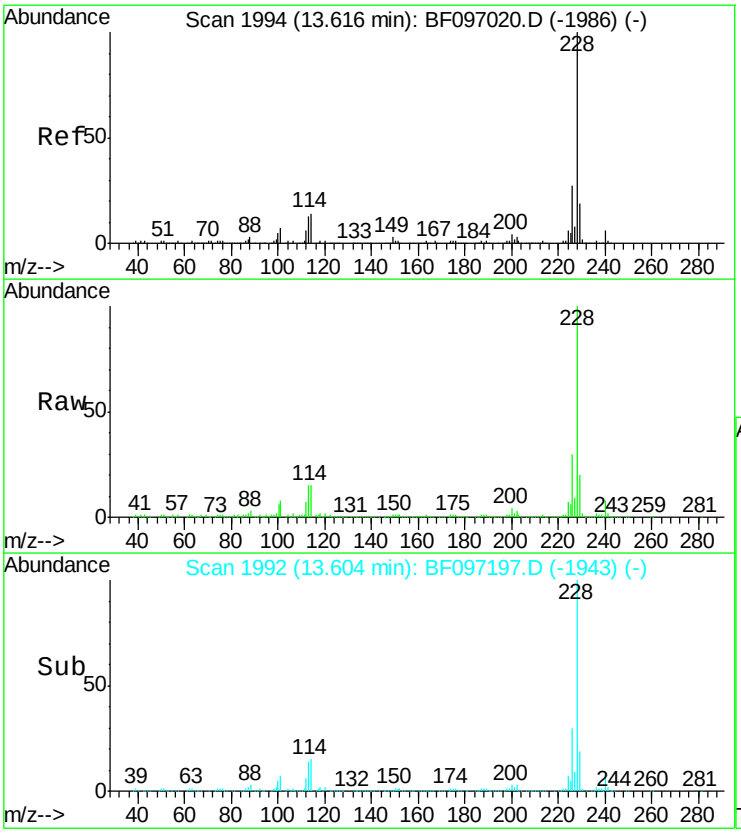
#78
Terphenyl-d14
Concen: 5.09 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tgt Ion:244 Resp: 45563

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.0	9.0
122	15.2	10.3	15.5

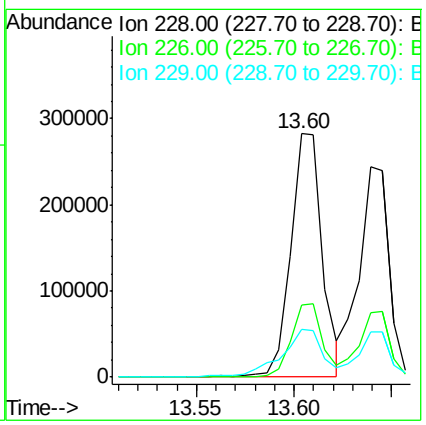


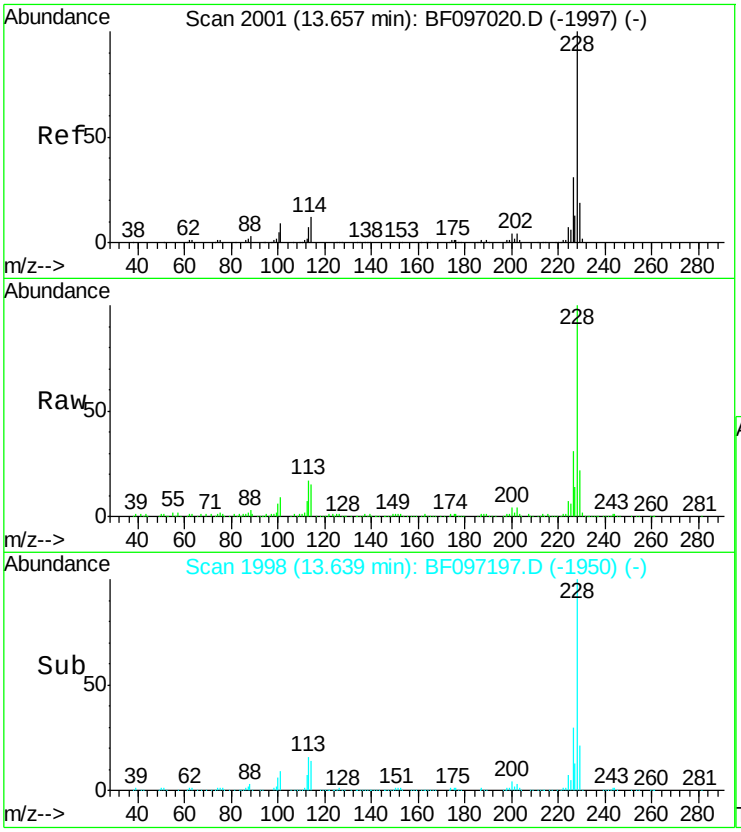


#80
Benzo(a)anthracene
Concen: 26.59 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:228 Resp: 314160

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	19.8	16.3	24.5



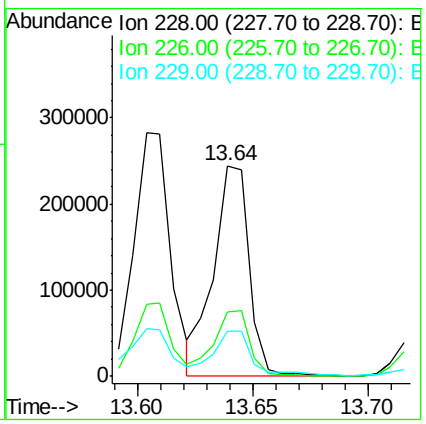


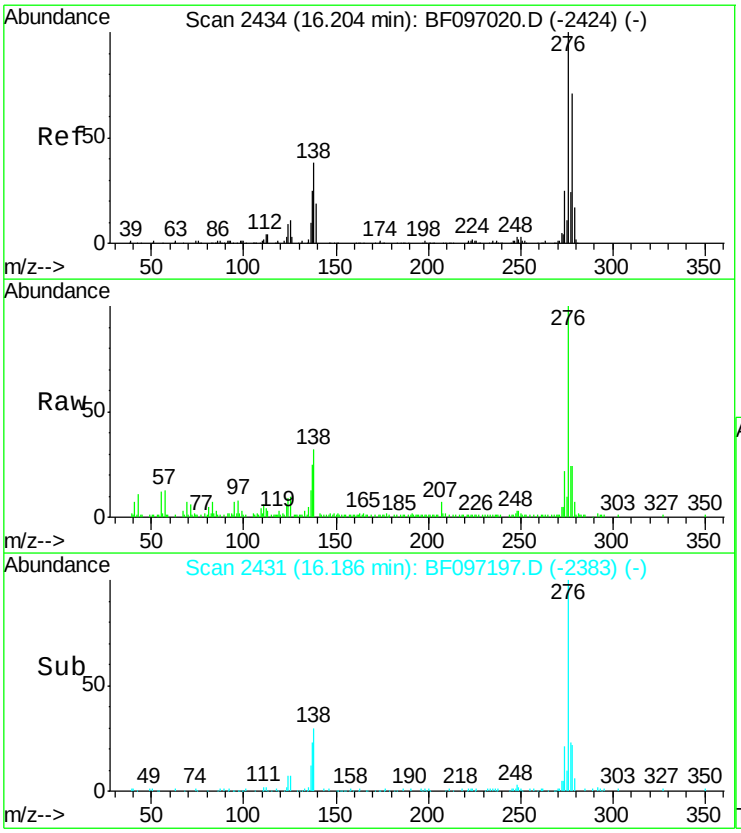
#82
Chrysene
Concen: 22.64 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tgt Ion:228 Resp: 261150

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	21.7	15.8	23.6

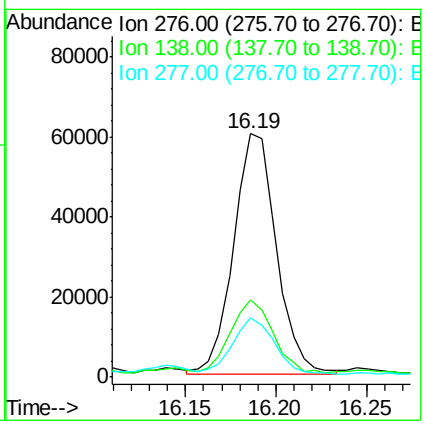


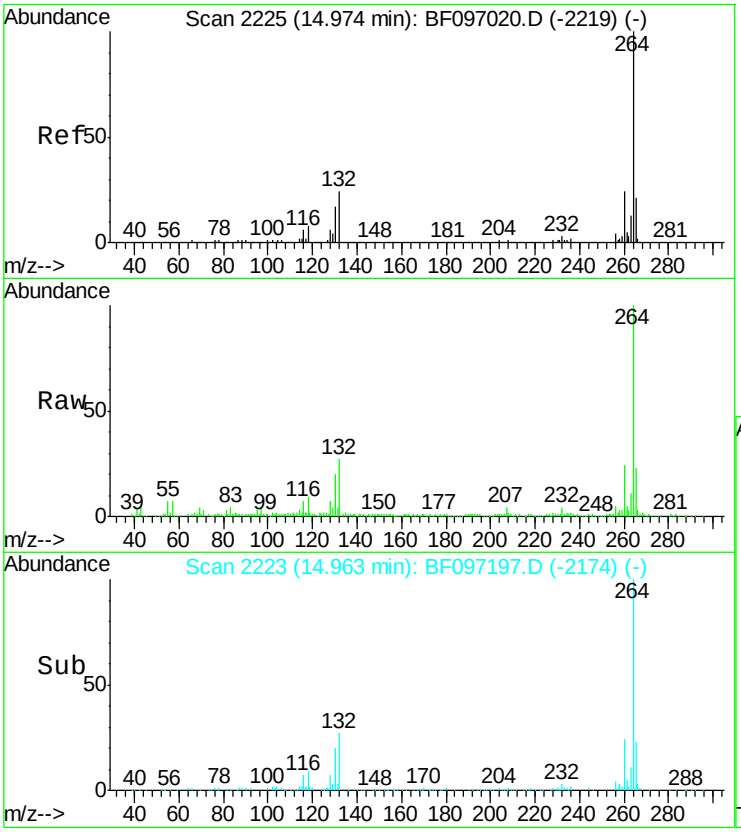


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.98 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:276 Resp: 98749

Ion	Ratio	Lower	Upper
276	100		
138	31.5	27.8	41.6
277	23.4	20.2	30.4



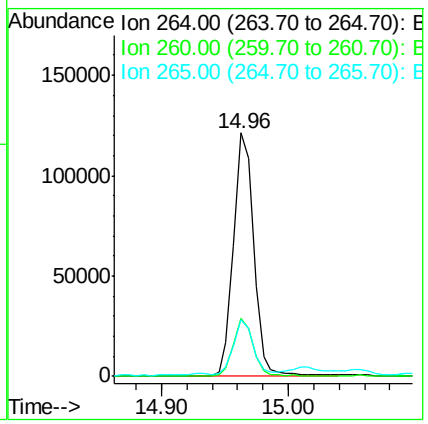


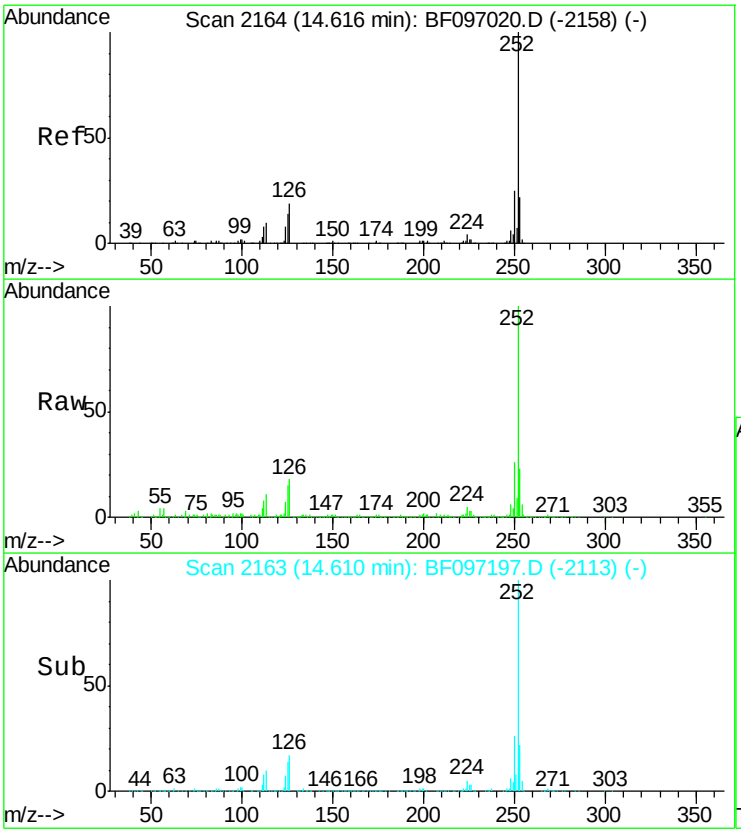
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tgt Ion:264 Resp: 135289

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	23.1	17.2	25.8

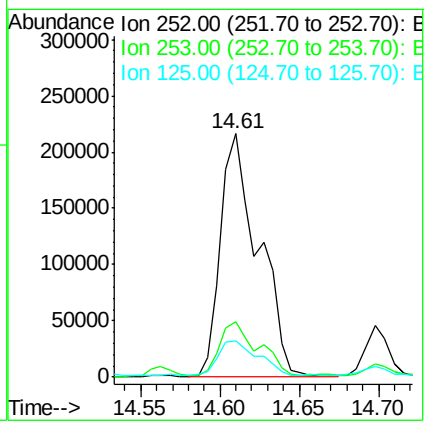


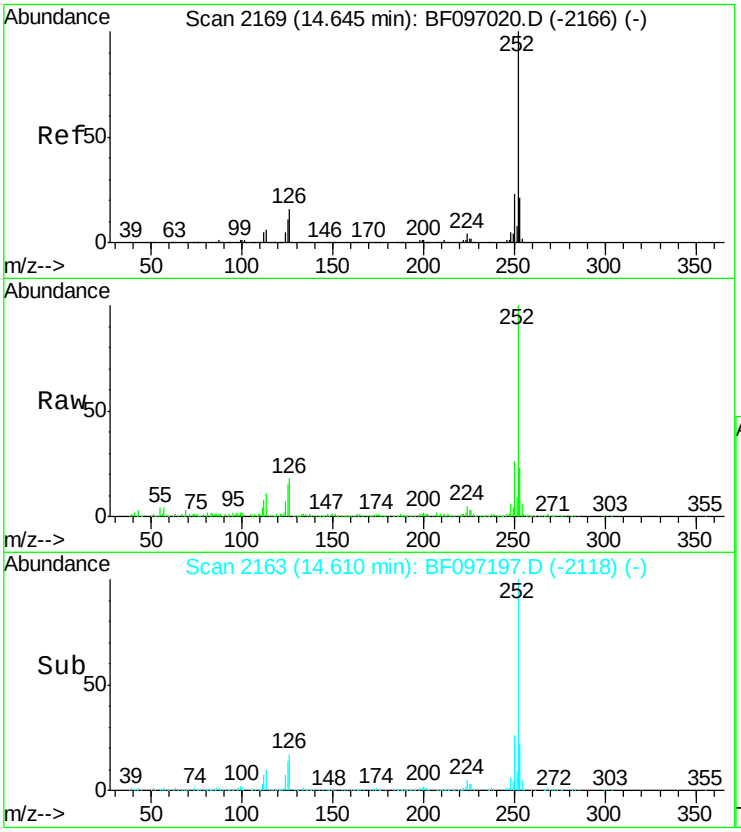


#87
Benzo(b)fluoranthene
Concen: 44.20 ng
RT: 14.61 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:252 Resp: 359470

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	15.1	9.8	14.8#



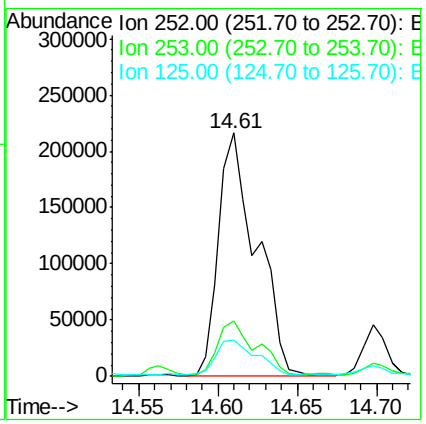


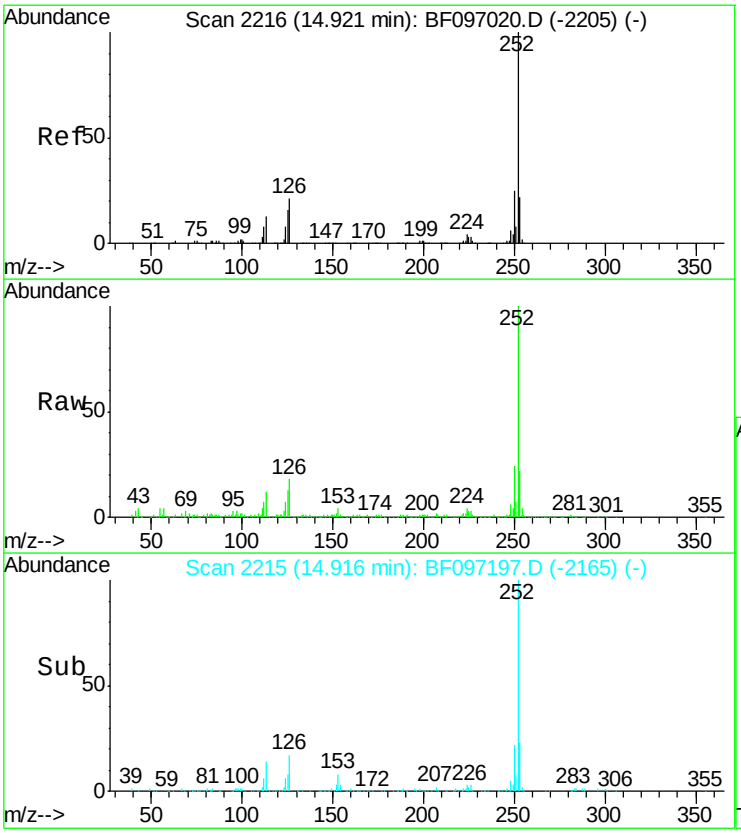
#88
Benzo(k)fluoranthene
Concen: 46.39 ng
RT: 14.61 min Scan# 2163
Delta R.T. -0.04 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tgt Ion:252 Resp: 359470

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	15.1	13.1	19.7

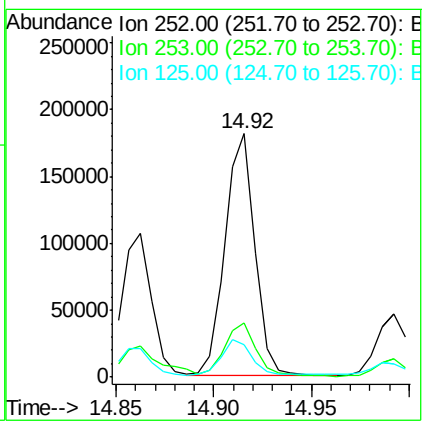


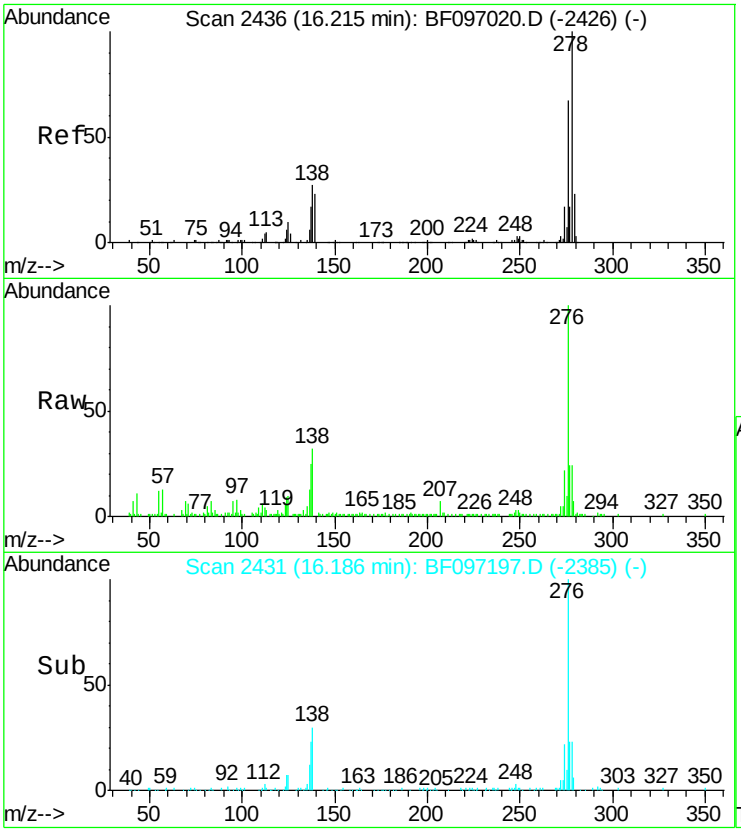


#89
Benzo(a)pyrene
Concen: 25.74 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:252 Resp: 191562

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	13.5	11.0	16.4



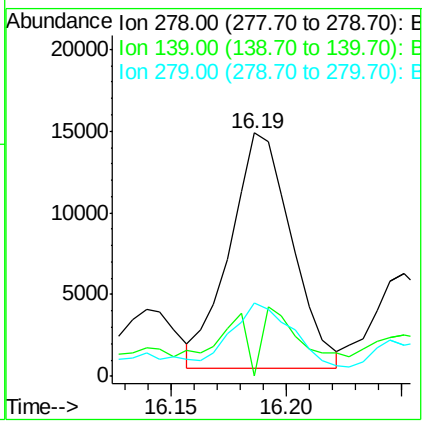


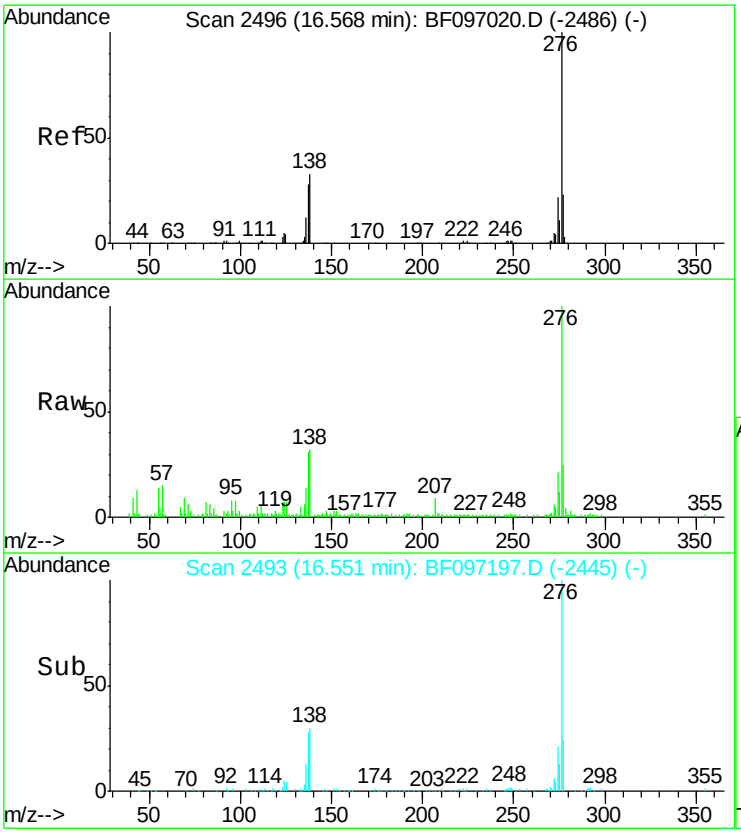
#90
Dibenzo(a,h)anthracene
Concen: 4.40 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.03 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-DDL

Tgt Ion:278 Resp: 26879

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	30.0	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 13.85 ng
RT: 16.55 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BF097197.D
Acq: 29 Jul 2017 11:51

Tgt Ion:276 Resp: 88633

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	28.0
138	31.9	25.4	38.0