Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104692.D
Acq On : 21 Apr 2018 00:13
Operator : JU/SJ
Sample : J2480-03DL 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-L-7A(0-5)DL

Quant Time: Apr 21 04:17:23 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 20 14:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	100248	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	400393	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	169818	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	281475	20.00	ng		0.00
75) Chrysene-d12	13.98	240	219234	20.00	ng		0.00
86) Perylene-d12	15.45	264	183244	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	33408	5.10	ng		0.00
7) Phenol-d6	6.43	99	43172	5.36	ng		-0.01
23) Nitrobenzene-d5	7.36	82	22701	3.70	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	7759	4.40	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	53567	4.98	ng		0.00
78) Terphenyl-d14	12.92	244	47780	4.97	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	818	Below Cal			87
31) Naphthalene	8.11	128	95101	4.770	ng		98
50) 2,6-Dinitrotoluene	9.84	165	22120	8.927	ng	#	24
51) Acenaphthene	9.87	154	54018	5.008	ng		99
54) Dibenzofuran	10.05	168	51614	3.433	ng		99
55) 4-Nitrophenol	10.05	139	19046	8.358	ng	#	10
57) Fluorene	10.39	166	36146	3.303	ng		98
70) Phenanthrene	11.36	178	521758	33.286	ng		99
71) Anthracene	11.41	178	92640	5.814	ng		98
72) Carbazole	11.56	167	39920	2.564	ng		96
74) Fluoranthene	12.55	202	505643	30.874	ng		97
76) Benzidine	12.67	184	460	Below Cal		#	66
77) Pyrene	12.78	202	446626	27.484	ng		99
80) Benzo(a)anthracene	13.97	228	184178	14.062	ng		99
82) Chrysene	14.00	228	159299	11.841	ng		98
85) Indeno(1,2,3-cd)pyrene	16.90	276	54637	4.781	ng		94
87) Benzo(b)fluoranthene	15.03	252	207957	17.969	ng		96
88) Benzo(k)fluoranthene	15.03	252	207957	19.033	ng		99
89) Benzo(a)pyrene	15.39	252	108911	10.517	ng		96
91) Benzo(g,h,i)perylene	17.34	276	53136	6.449	ng		98

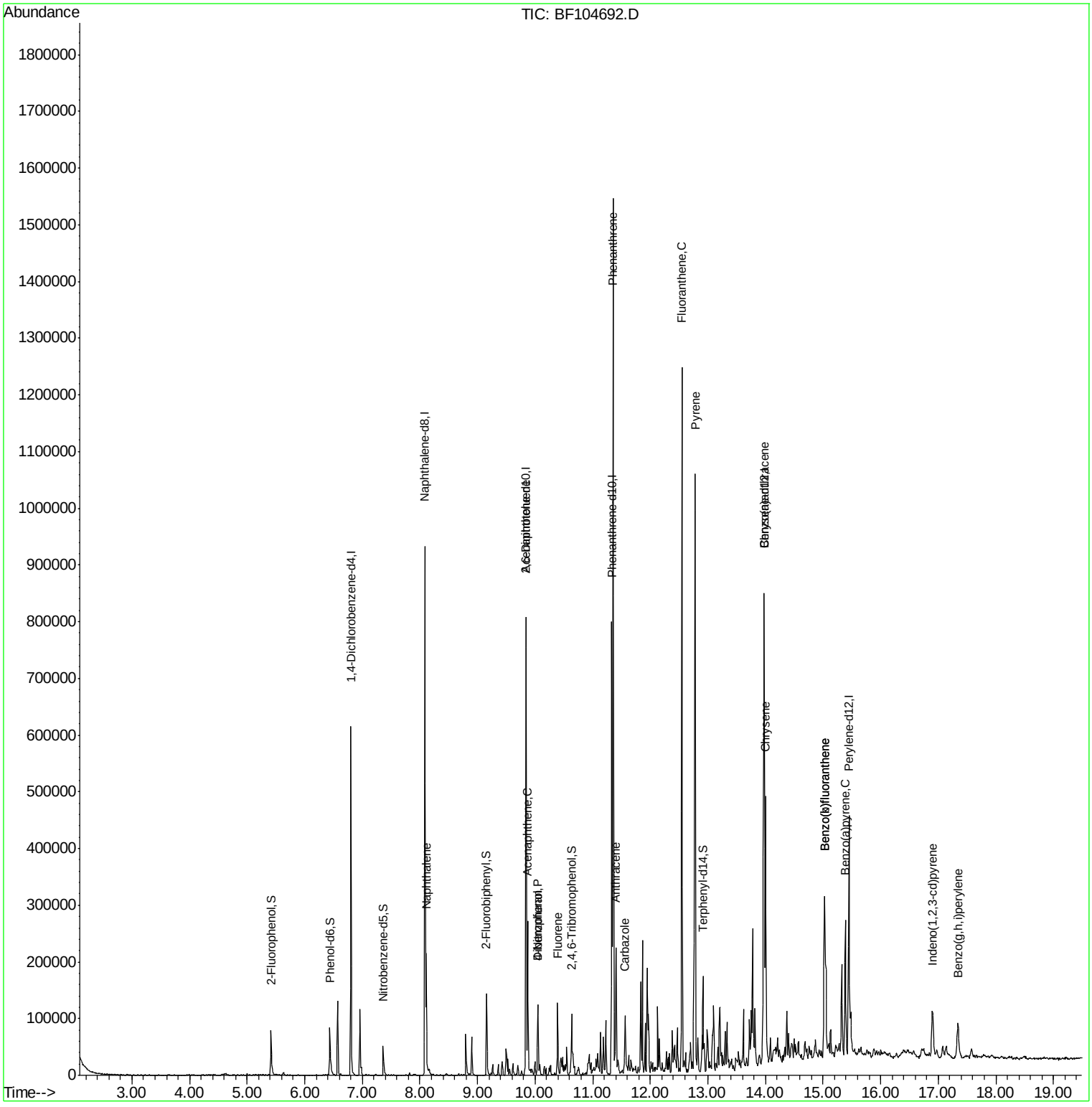
(#) = qualifier out of range (m) = manual integration (+) = signals summed

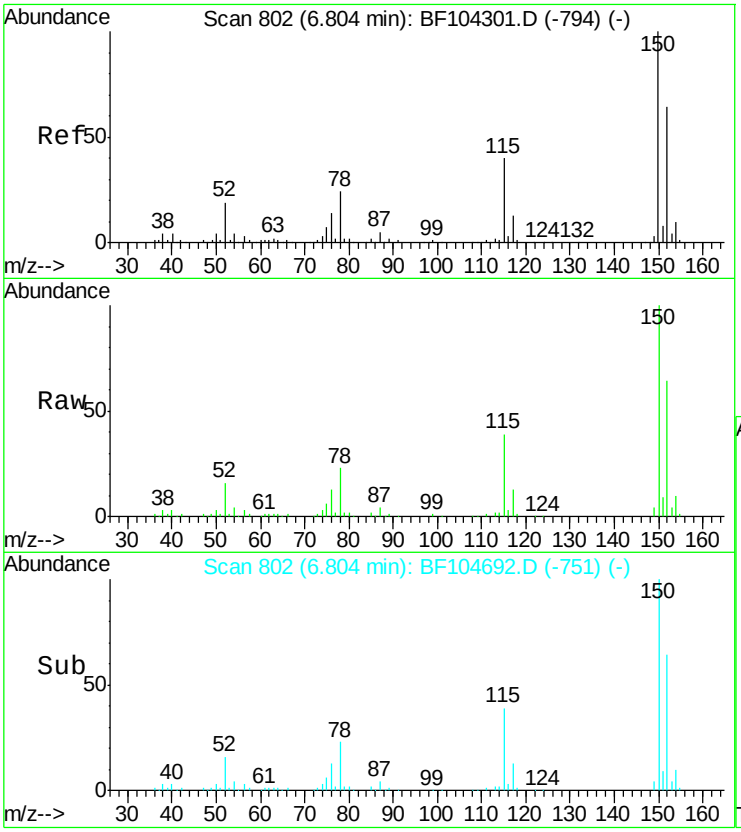
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104692.D
Acq On : 21 Apr 2018 00:13
Operator : JU/SJ
Sample : J2480-03DL 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)DL

Quant Time: Apr 21 04:17:23 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 20 14:49:55 2018
Response via : Initial Calibration



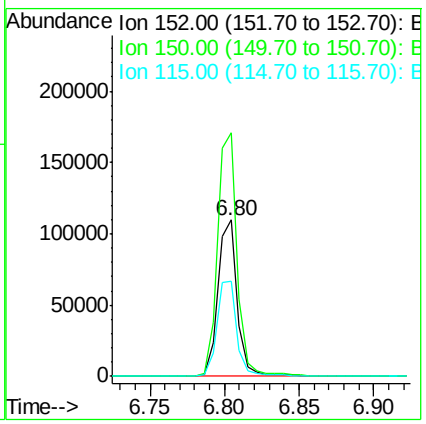


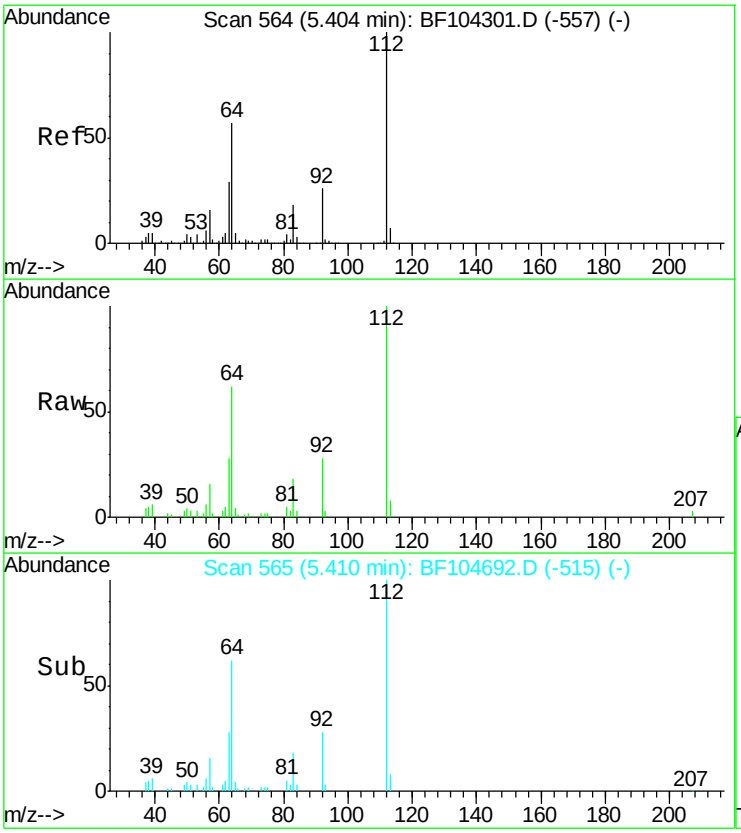
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)DL

Tgt Ion:152 Resp: 100248

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	61.2	50.1	75.1

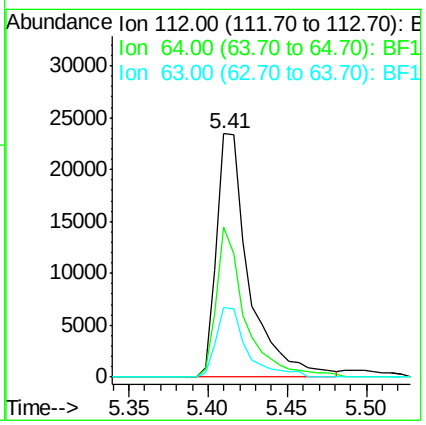


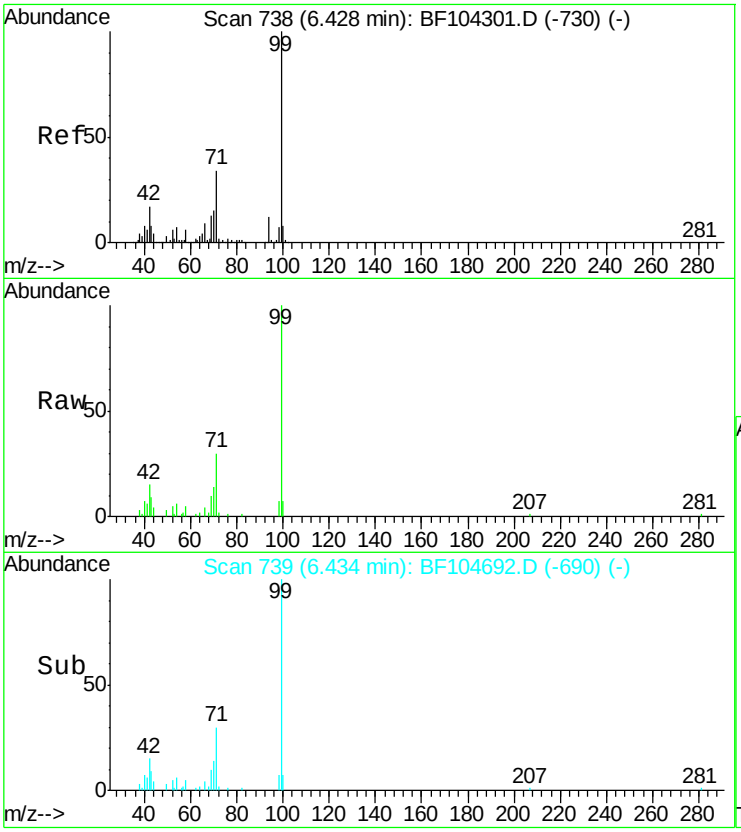


#5
2-Fluorophenol
Concen: 5.096 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Tgt Ion:112 Resp: 33408

Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.9	71.9
63	28.5	23.7	35.5



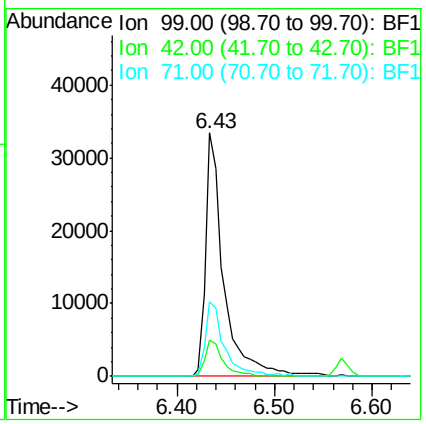


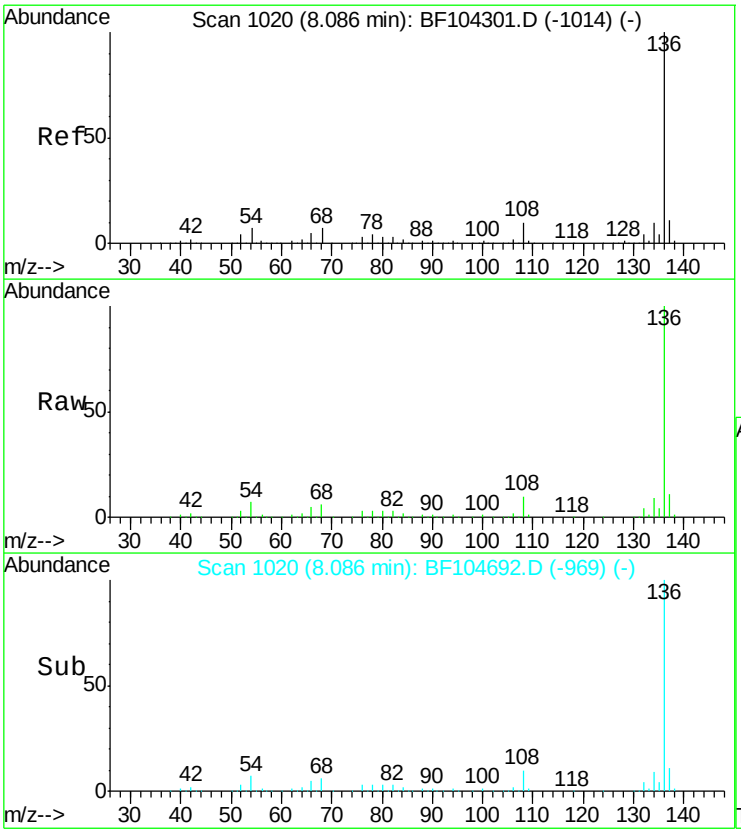
#7
Phenol-d6
Concen: 5.359 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)DL

Tgt Ion: 99 Resp: 43172

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.5	21.7
71	30.4	25.4	38.0

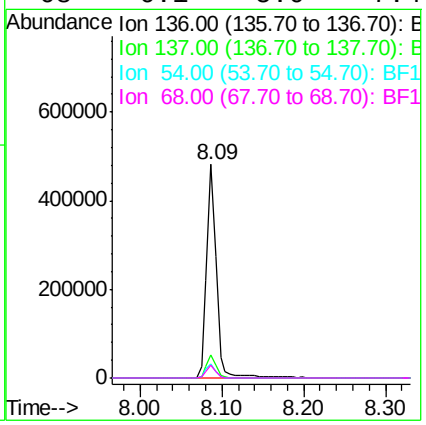


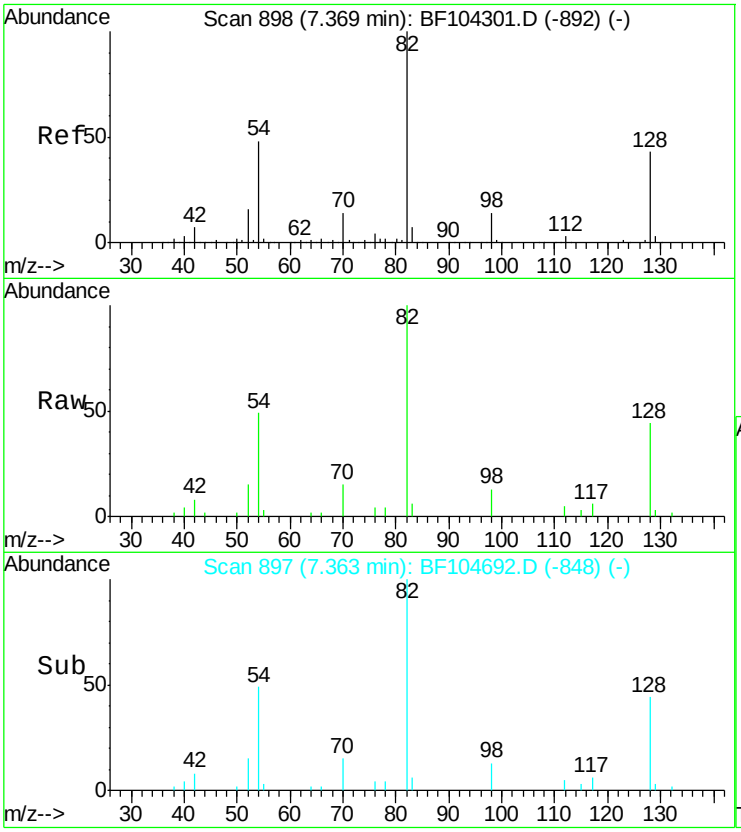


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Tgt Ion:136 Resp: 400393

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.7	6.6	9.8
68	6.1	5.0	7.4



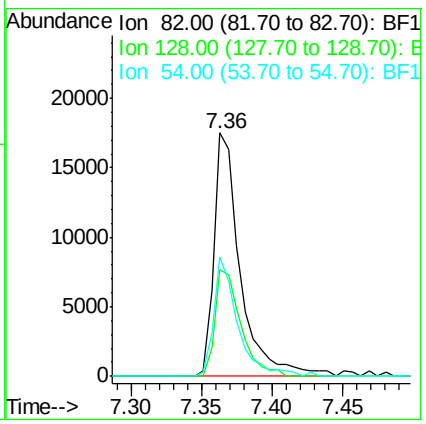


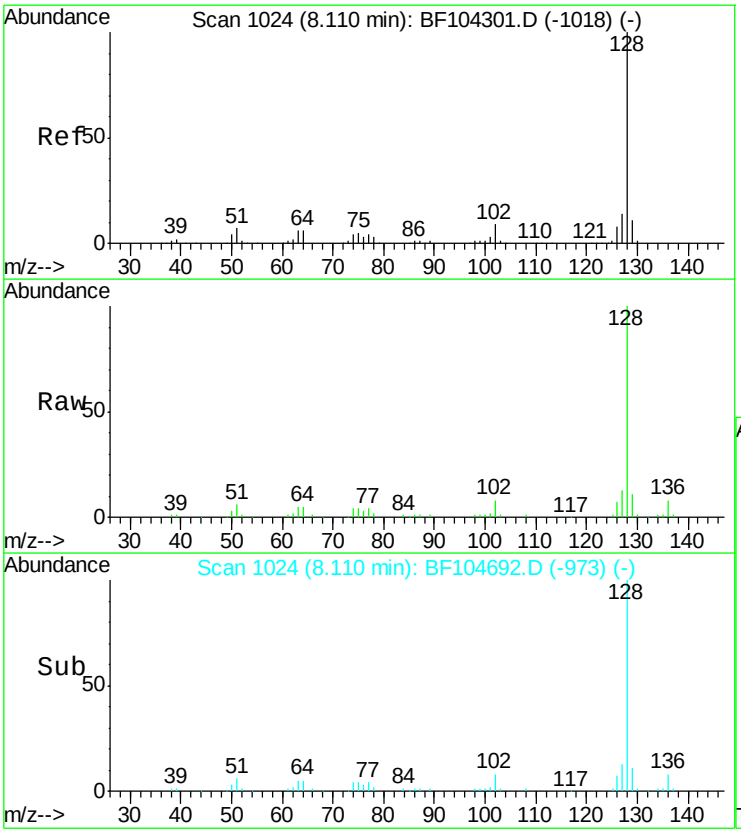
#23
Nitrobenzene-d5
Concen: 3.702 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)DL

Tgt Ion: 82 Resp: 22701

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	49.2	41.4	62.2

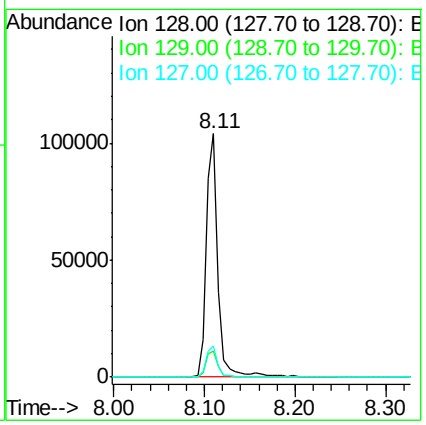


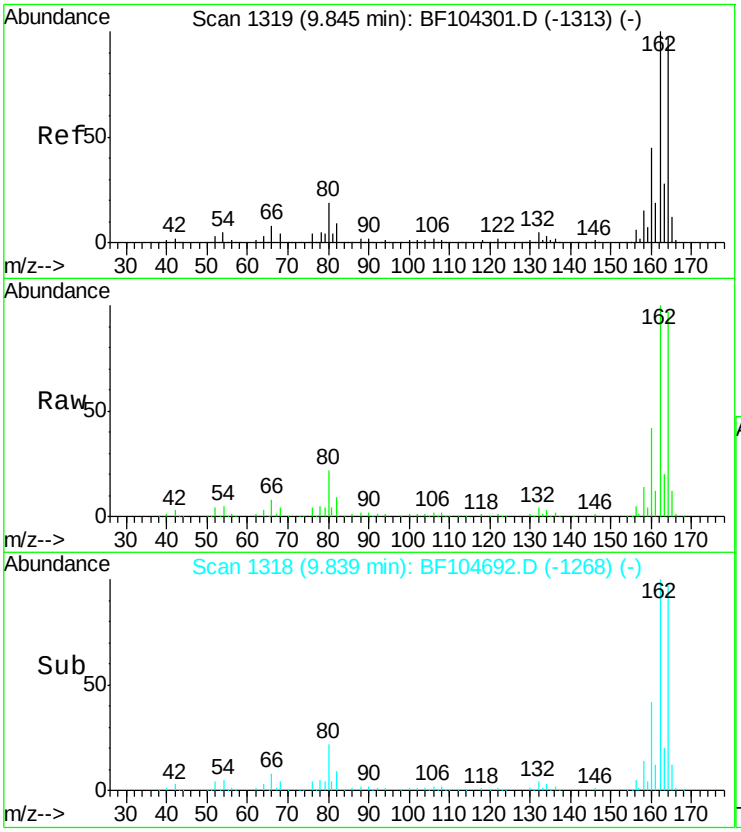


#31
Naphthalene
Concen: 4.770 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Tgt Ion:128 Resp: 95101

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.7	10.9	16.3



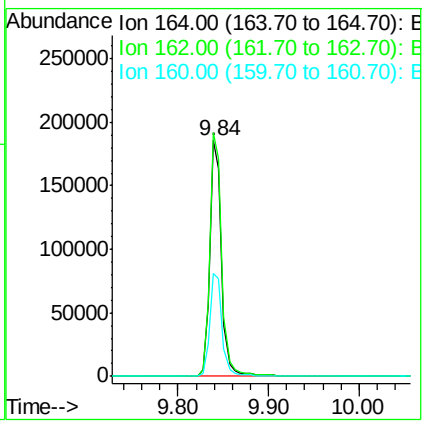


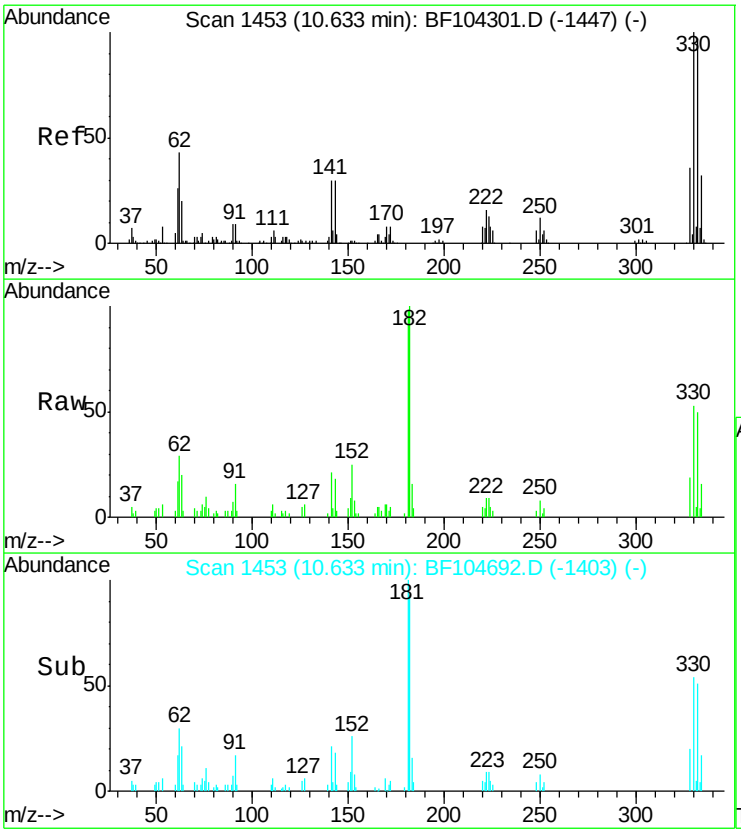
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)DL

Tgt Ion:164 Resp: 169818

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	43.7	38.3	57.5

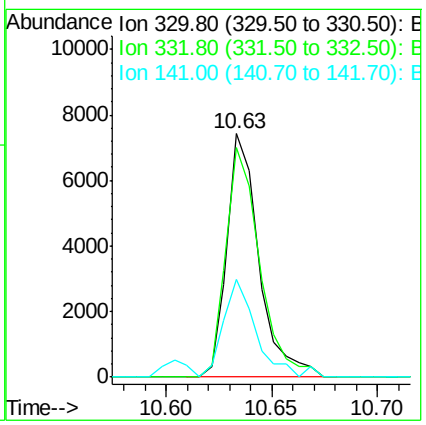


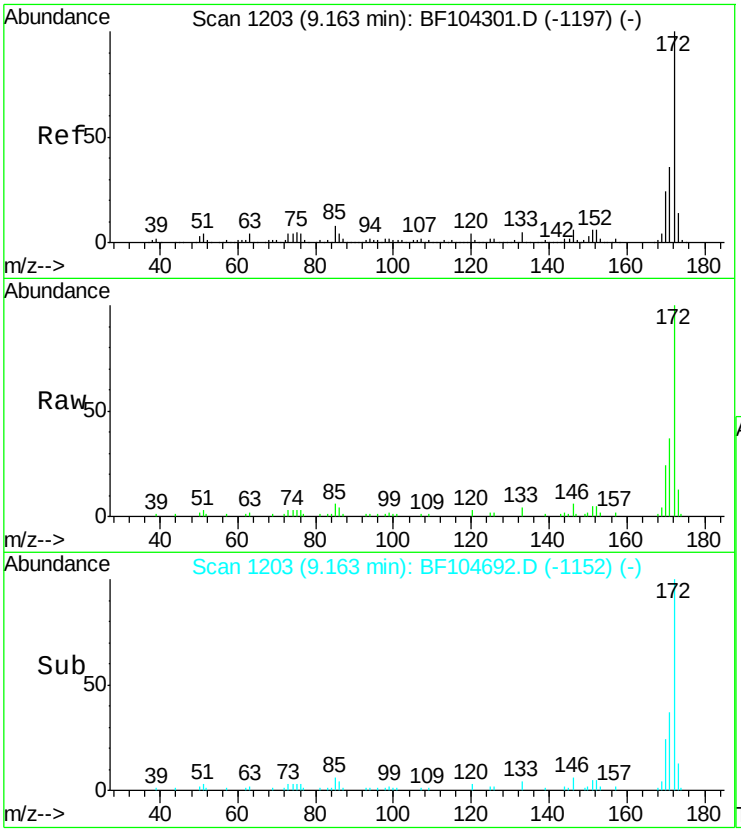


#41
2,4,6-Tribromophenol
Concen: 4.405 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Tgt Ion:330 Resp: 7759

Ion	Ratio	Lower	Upper
330	100		
332	100.0	77.0	115.6
141	41.3	29.9	44.9



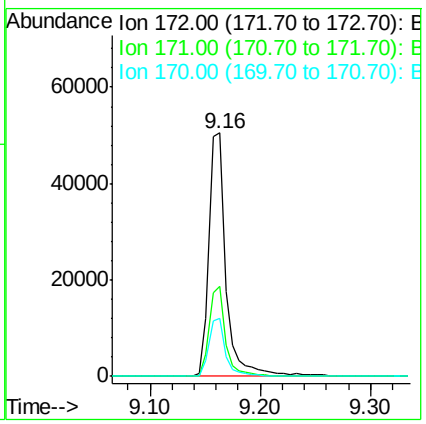


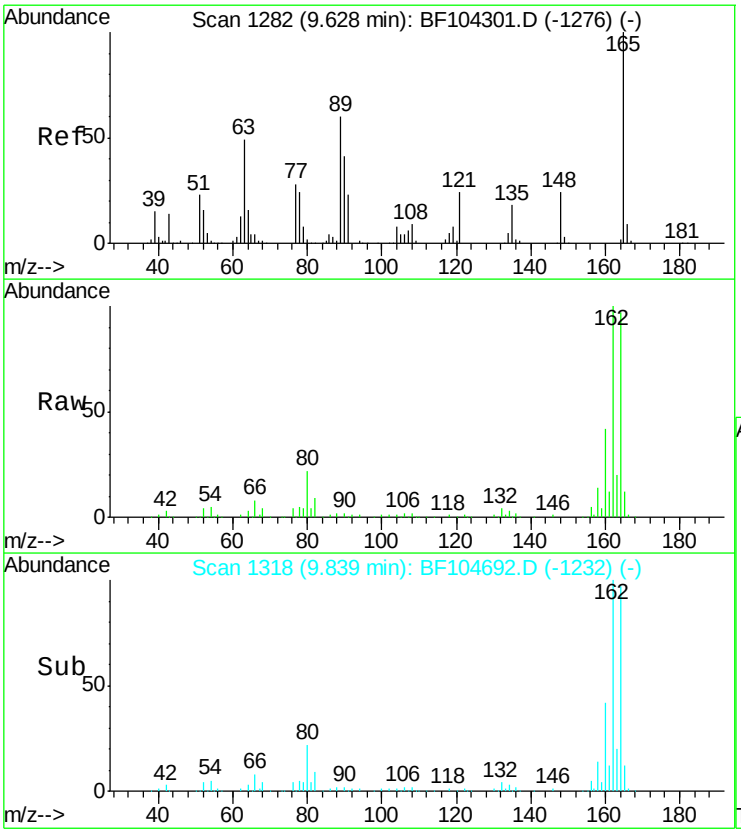
#44
2-Fluorobiphenyl
Concen: 4.983 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)DL

Tgt Ion:172 Resp: 53567

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	23.7	19.6	29.4

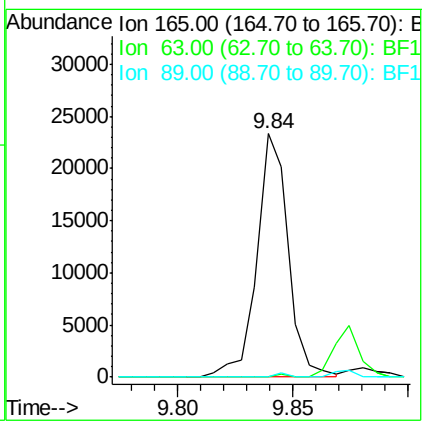


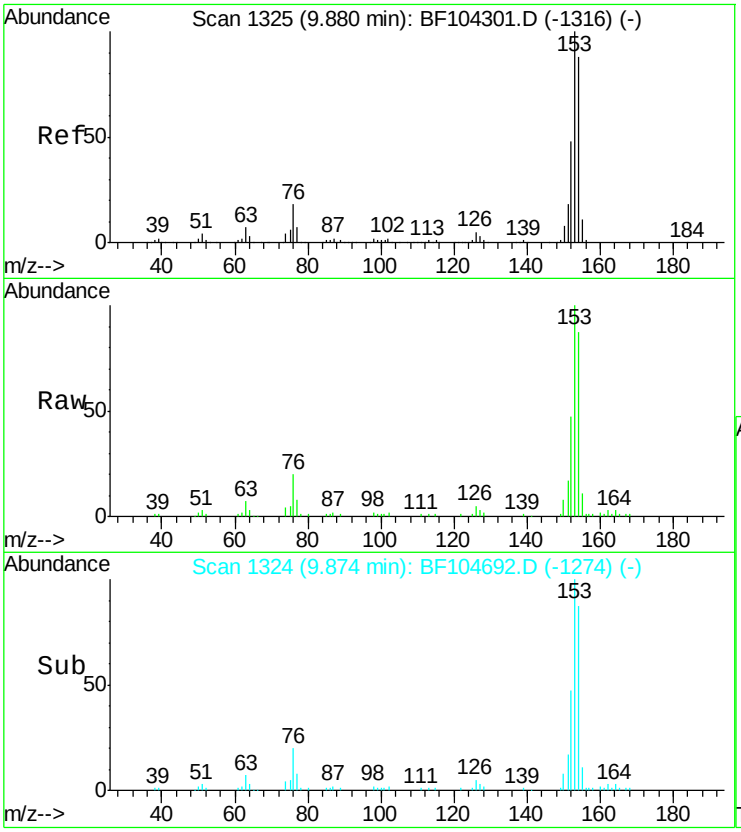


#50
2,6-Dinitrotoluene
Concen: 8.927 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Tgt Ion:165 Resp: 22120

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



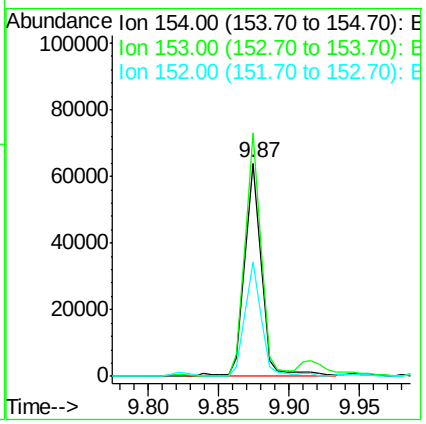


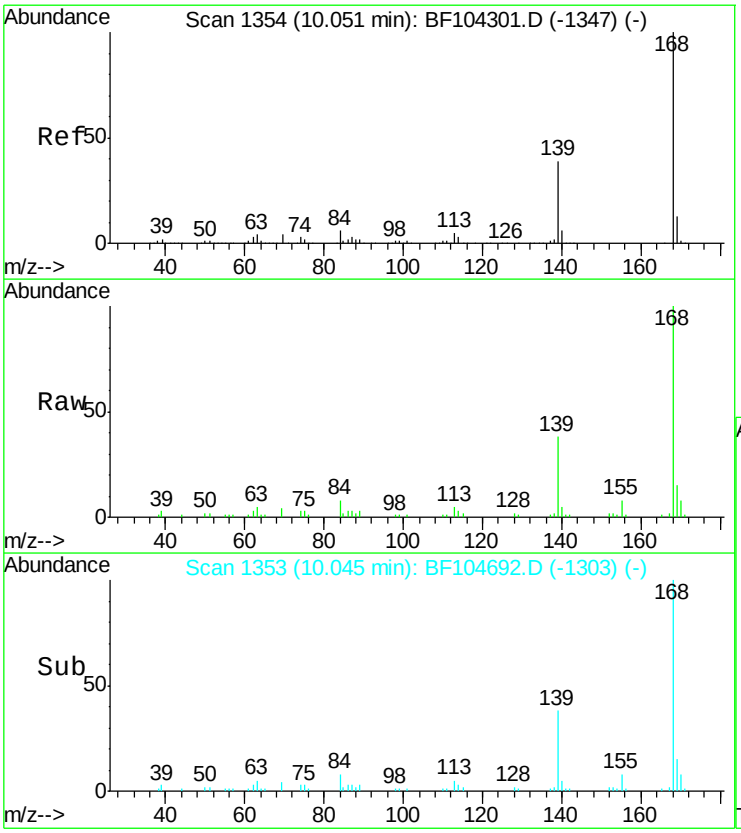
#51
Acenaphthene
Concen: 5.008 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)DL

Tgt Ion:154 Resp: 54018

Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.2	136.8
152	53.8	43.8	65.8

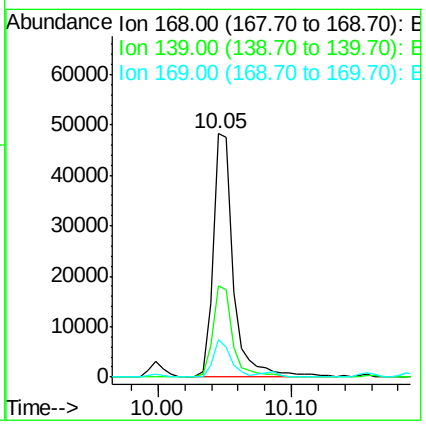


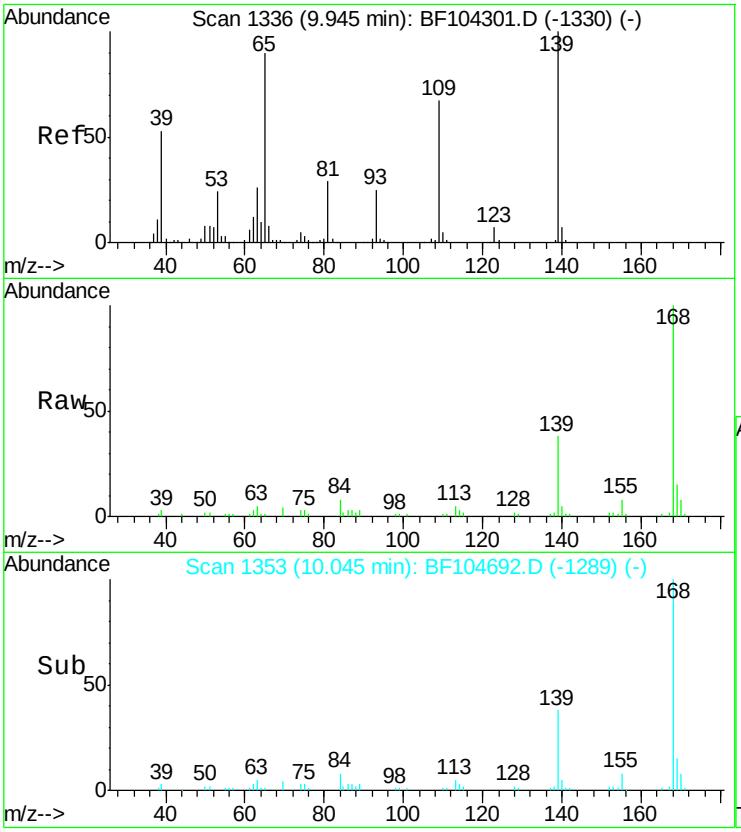


#54
Dibenzofuran
Concen: 3.433 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Tgt Ion:168 Resp: 51614

Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.1	45.1
169	15.3	10.9	16.3



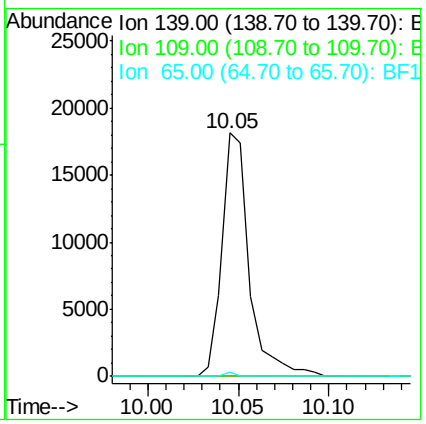


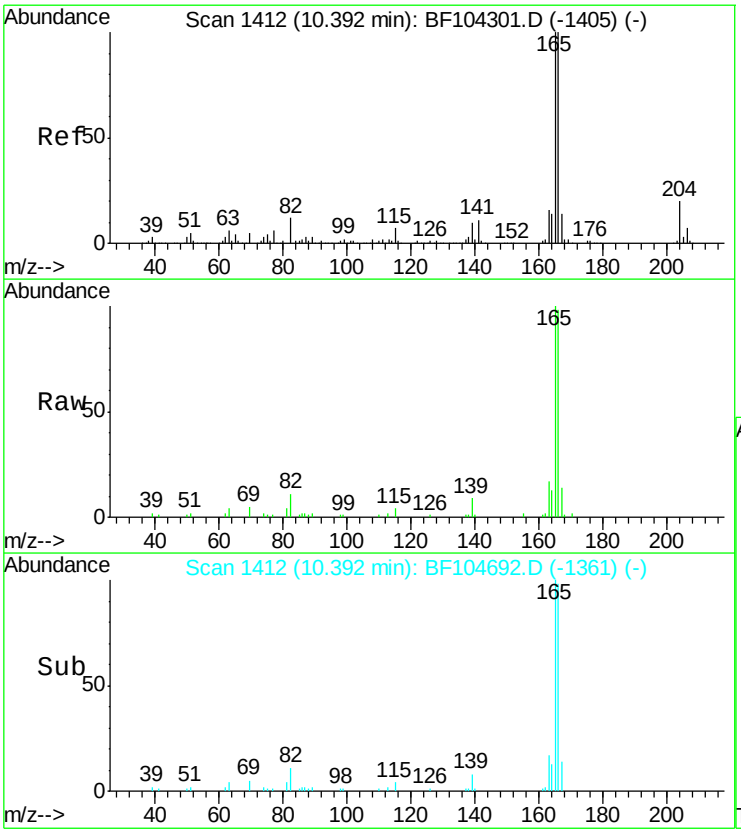
#55
4-Nitrophenol
Concen: 8.358 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.08 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)DL

Tgt Ion:139 Resp: 19046

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	1.9	72.6	112.6#

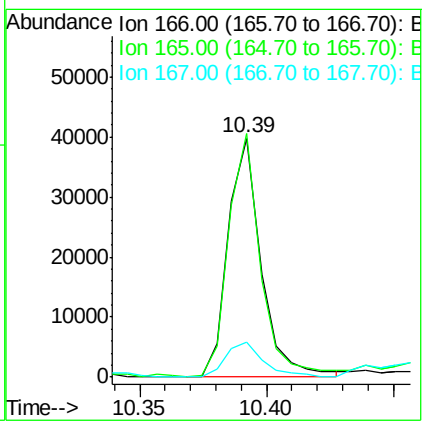


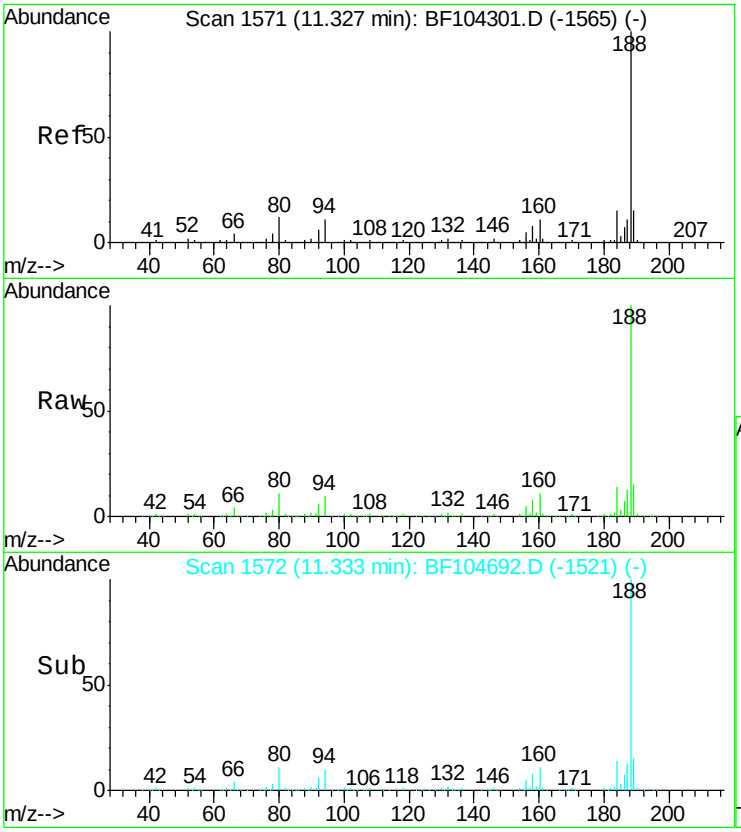


#57
Fluorene
Concen: 3.303 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Tgt Ion:166 Resp: 36146

Ion	Ratio	Lower	Upper
166	100		
165	101.9	79.8	119.8
167	14.8	10.6	16.0



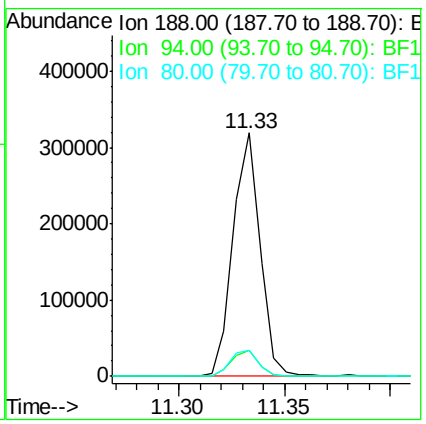


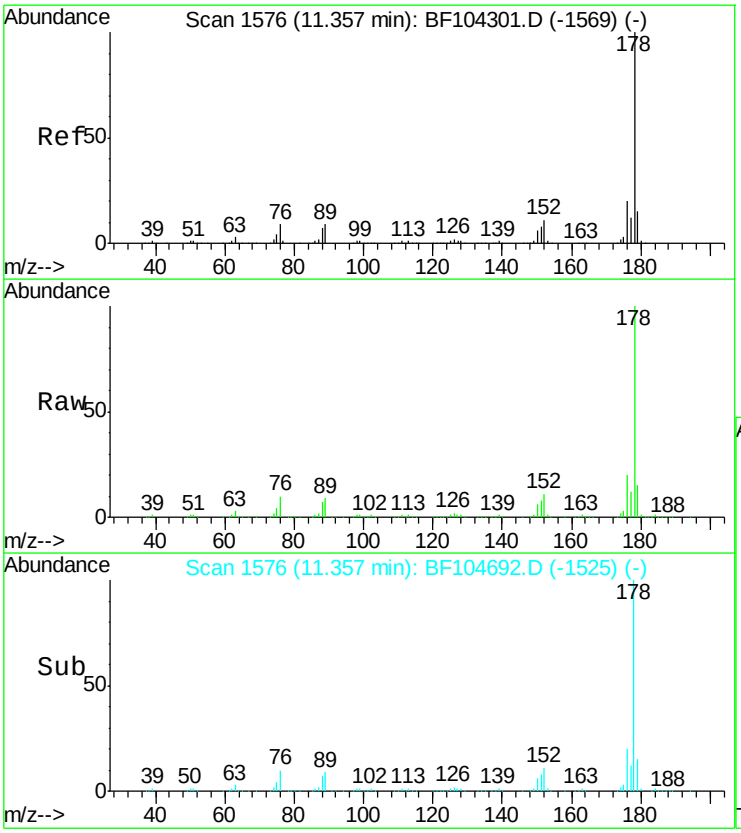
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)DL

Tgt Ion:188 Resp: 281475

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	10.6	9.2	13.8

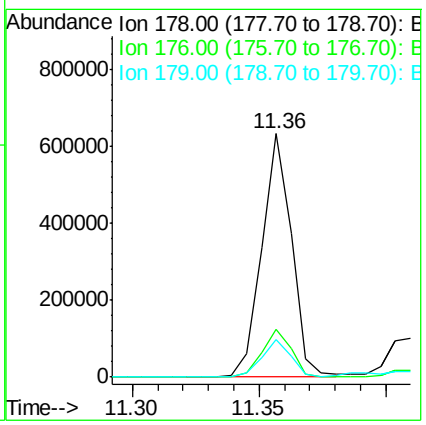


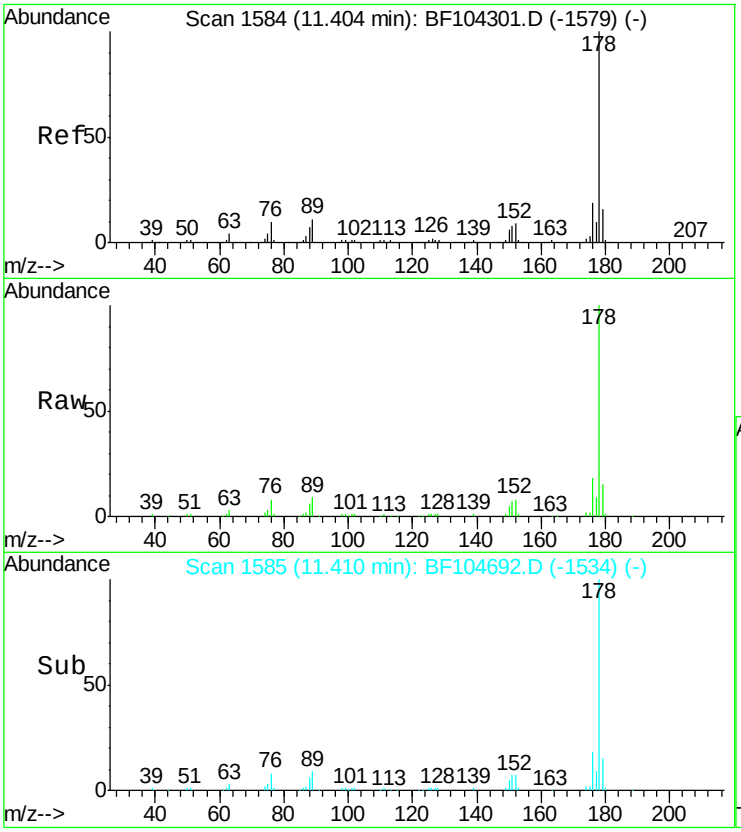


#70
Phenanthrene
Concen: 33.286 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Tgt Ion:178 Resp: 521758

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.2	13.0	19.6



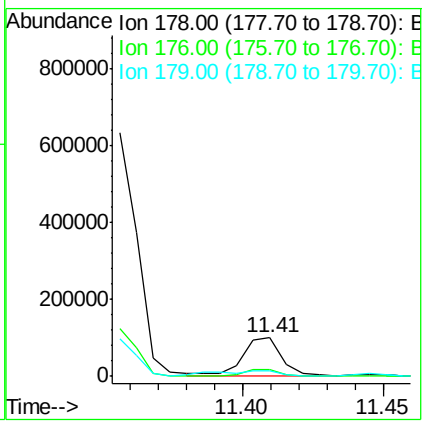


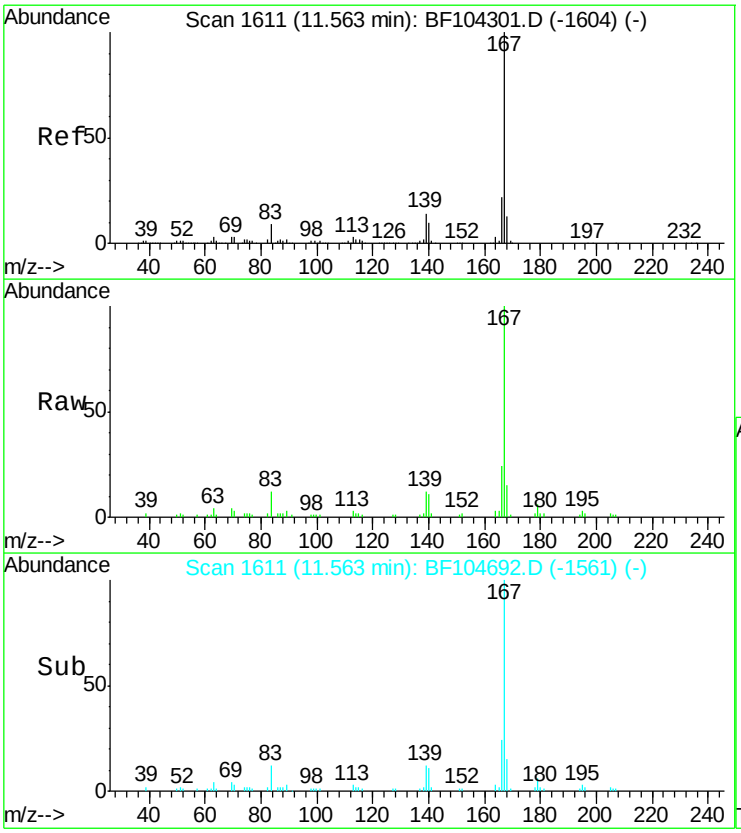
#71
Anthracene
Concen: 5.814 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)DL

Tgt Ion:178 Resp: 92640

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

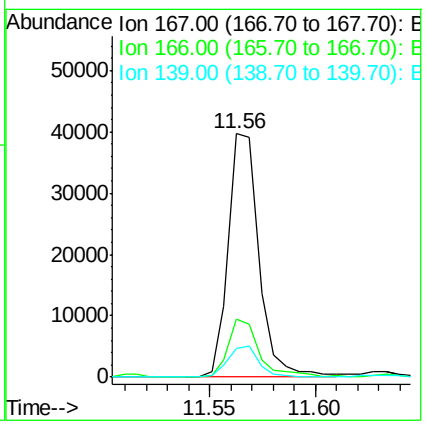


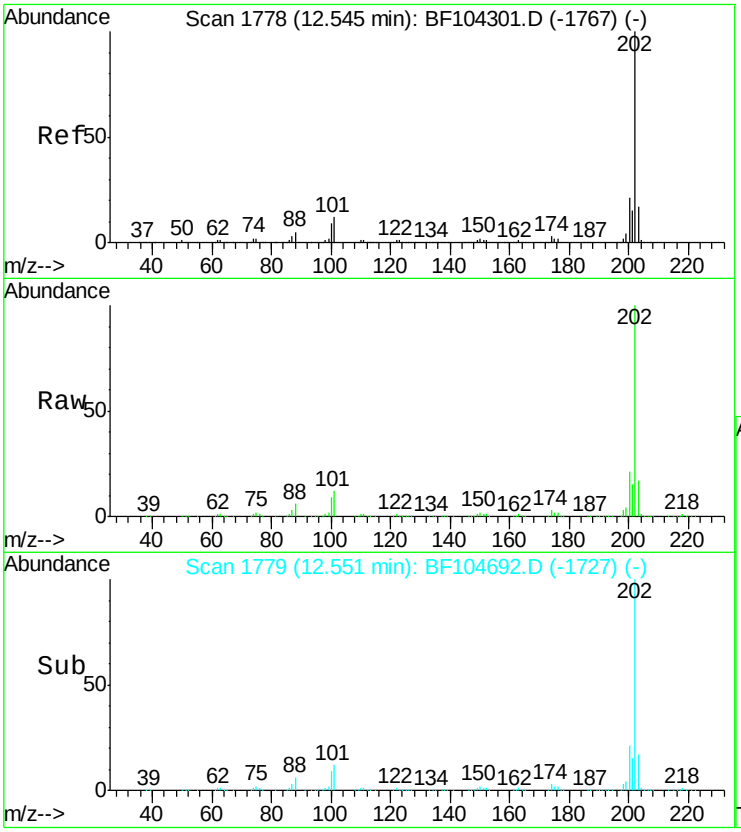


#72
Carbazole
Concen: 2.564 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Tgt Ion:167 Resp: 39920

Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.6	26.4
139	11.6	10.9	16.3



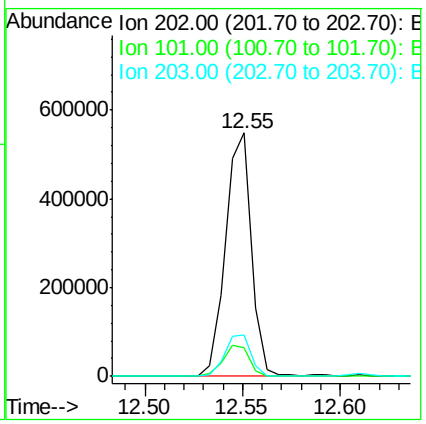


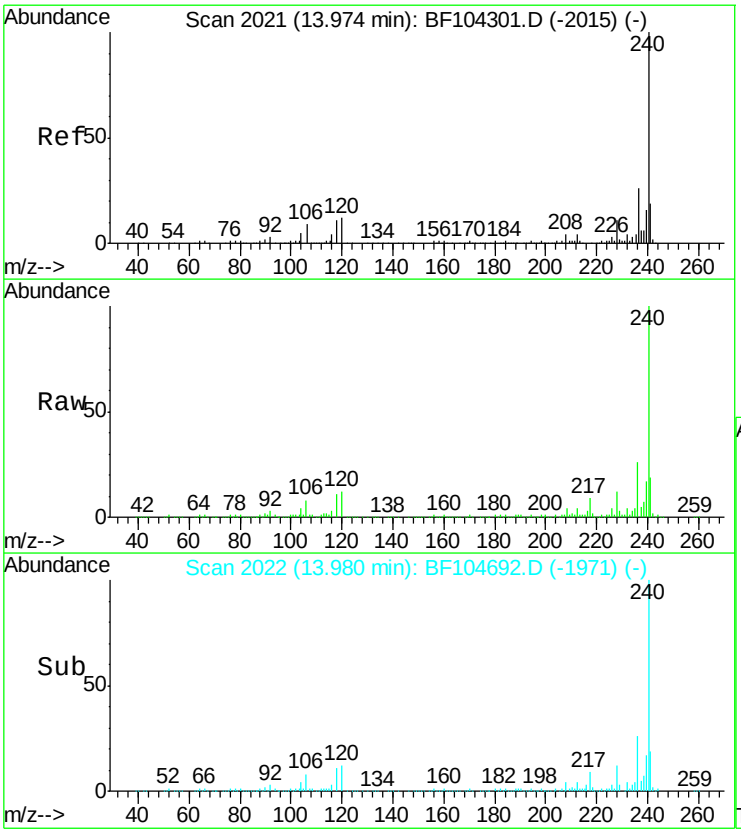
#74
Fluoranthene
Concen: 30.874 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)DL

Tgt Ion:202 Resp: 505643

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	17.2	0.0	38.1

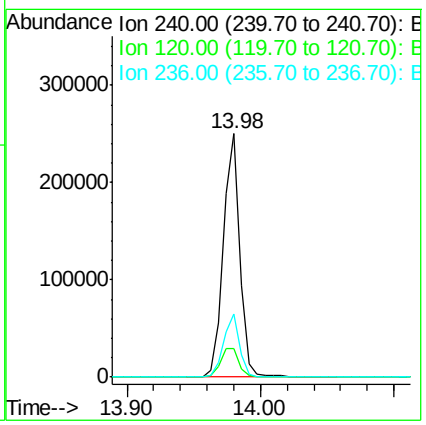


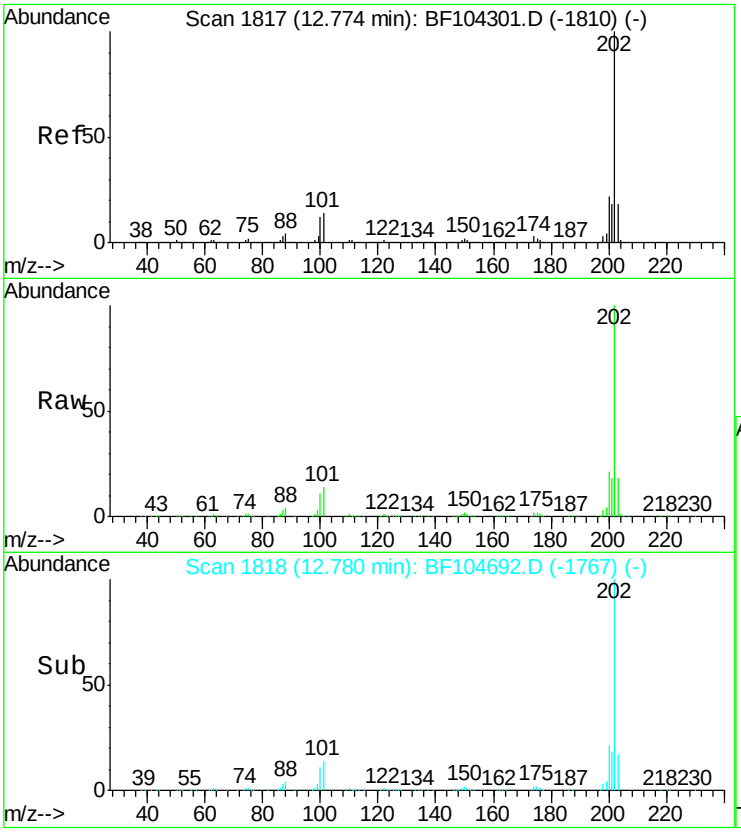


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Tgt Ion:240 Resp: 219234

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.8	20.7	31.1



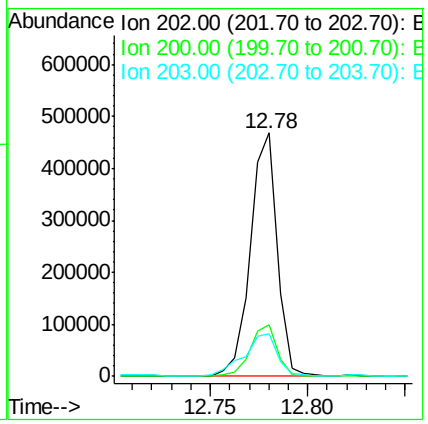


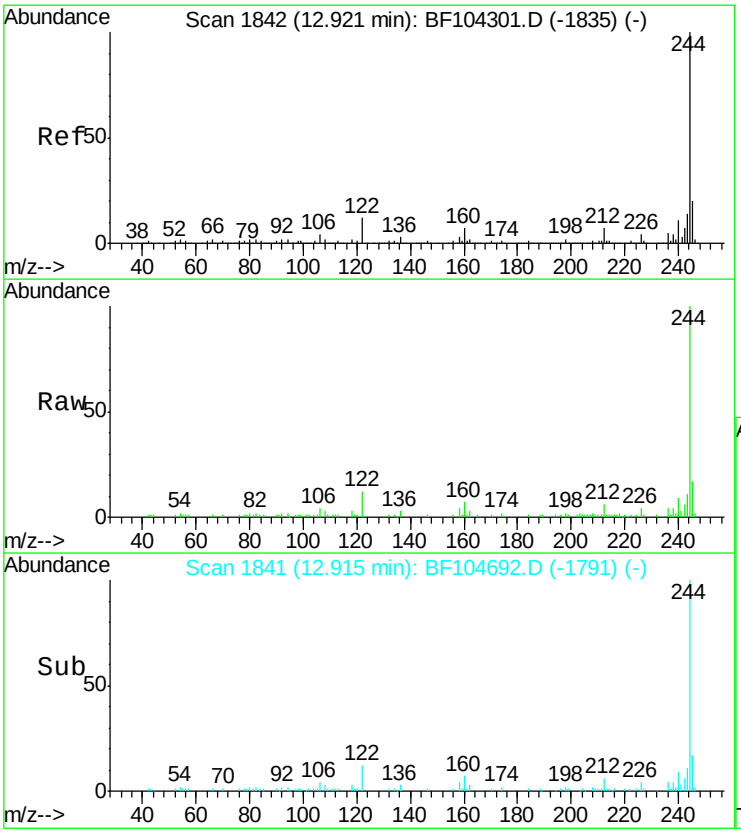
#77
Pyrene
Concen: 27.484 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)DL

Tgt Ion:202 Resp: 446626

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.6	14.3	21.5

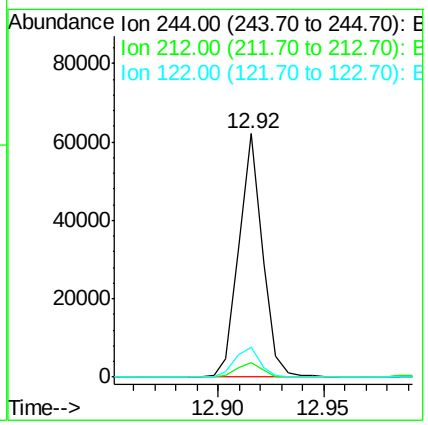


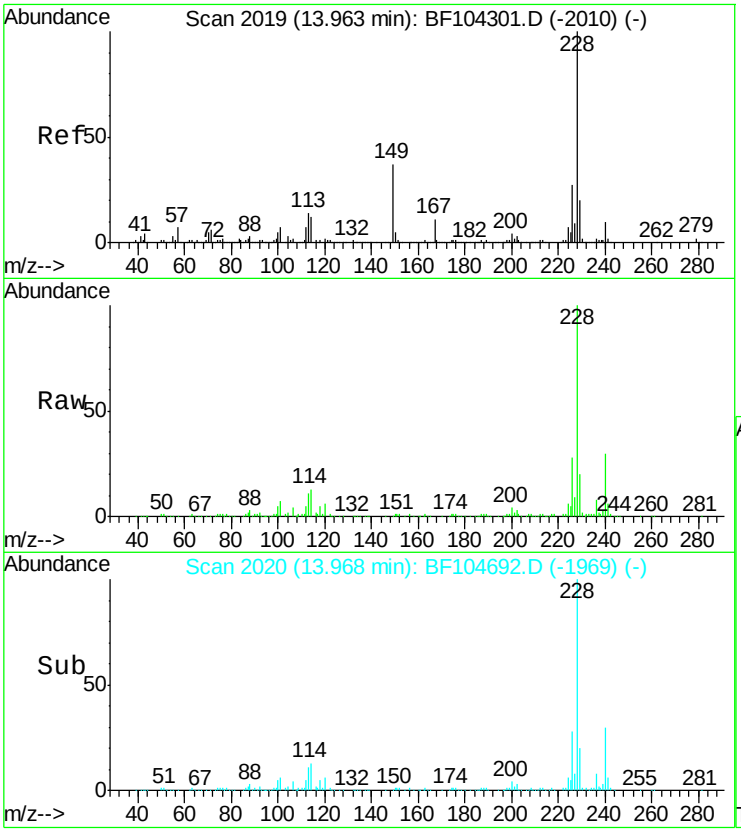


#78
Terphenyl-d14
Concen: 4.969 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Tgt Ion:244 Resp: 47780

Ion	Ratio	Lower	Upper
244	100		
212	5.7	5.4	8.0
122	12.4	11.0	16.4



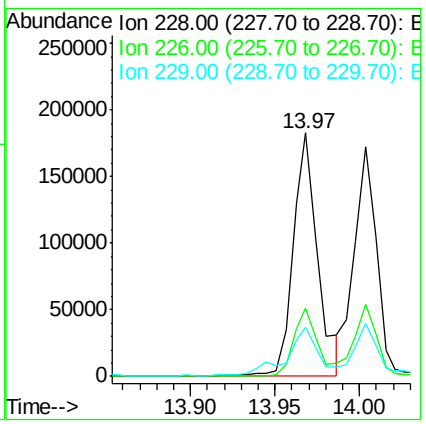


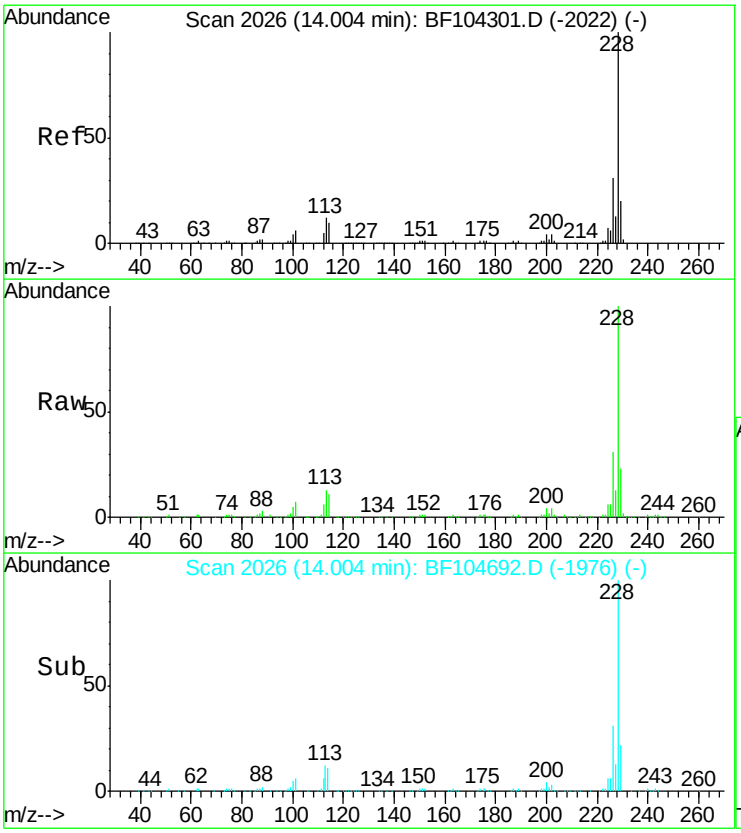
#80
Benzo(a)anthracene
Concen: 14.062 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)DL

Tgt Ion:228 Resp: 184178

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.1	15.8	23.6

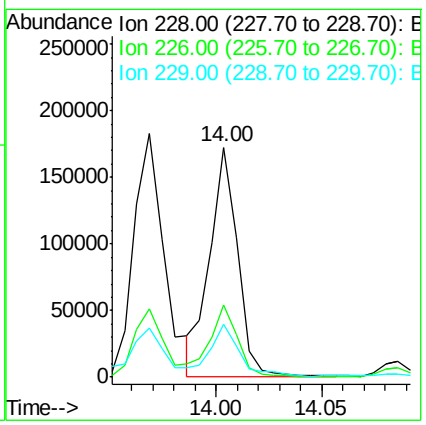


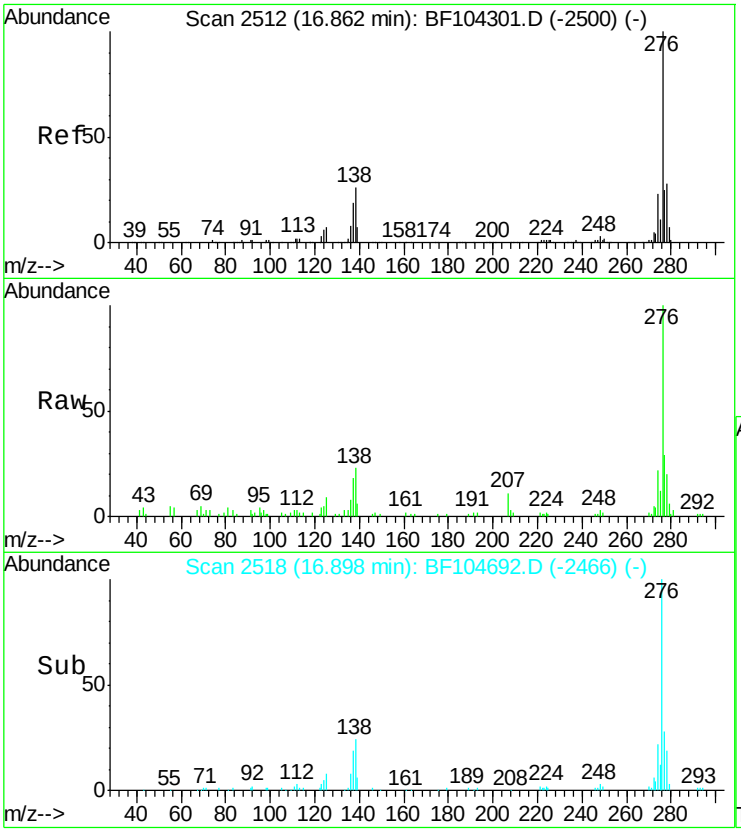


#82
Chrysene
Concen: 11.841 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Tgt Ion:228 Resp: 159299

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.8	16.2	24.4



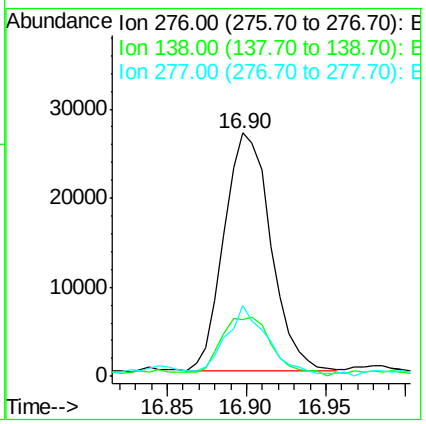


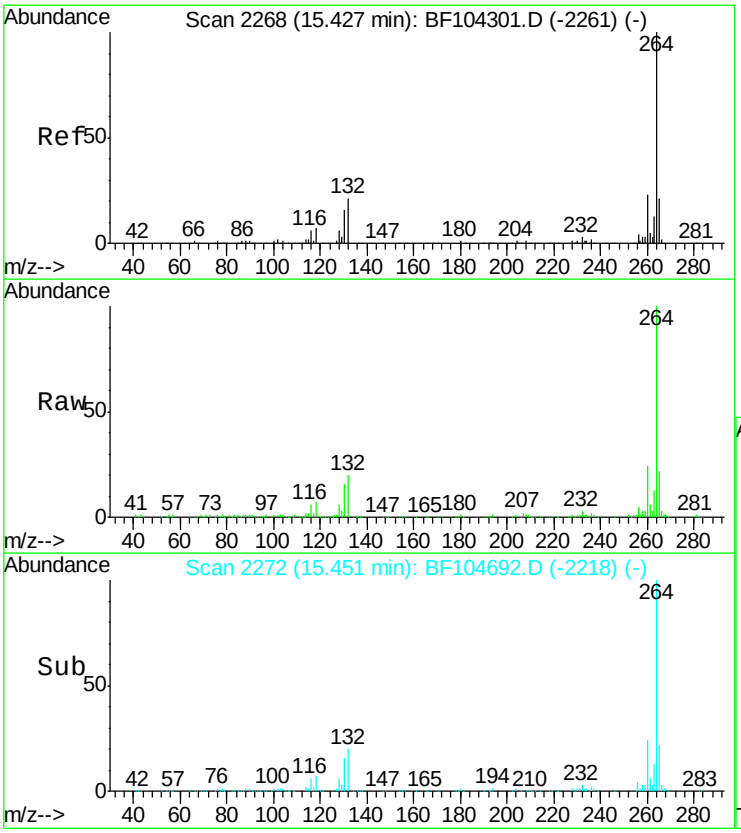
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.781 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)DL

Tgt Ion:276 Resp: 54637

Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.0	37.6
277	28.2	20.1	30.1

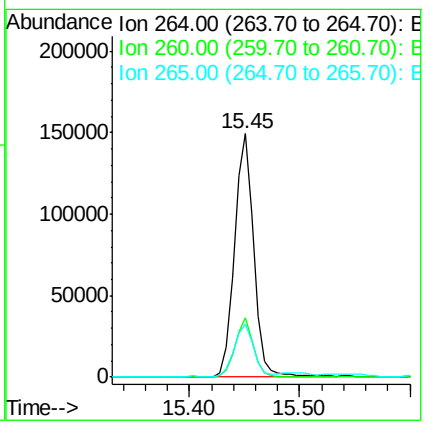


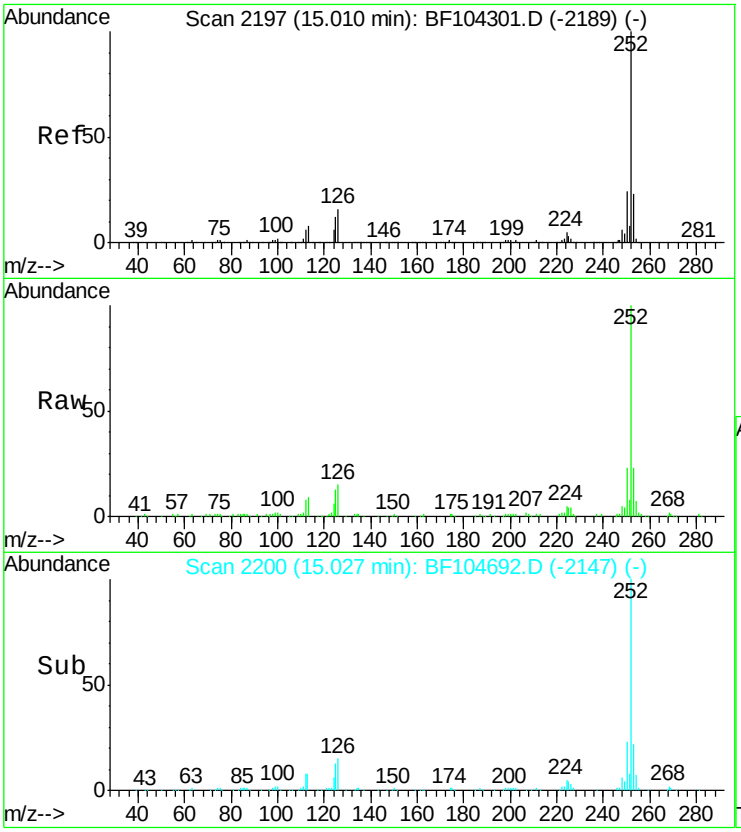


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Tgt Ion:264 Resp: 183244

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3



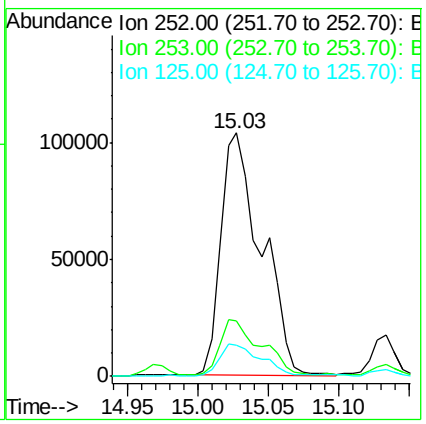


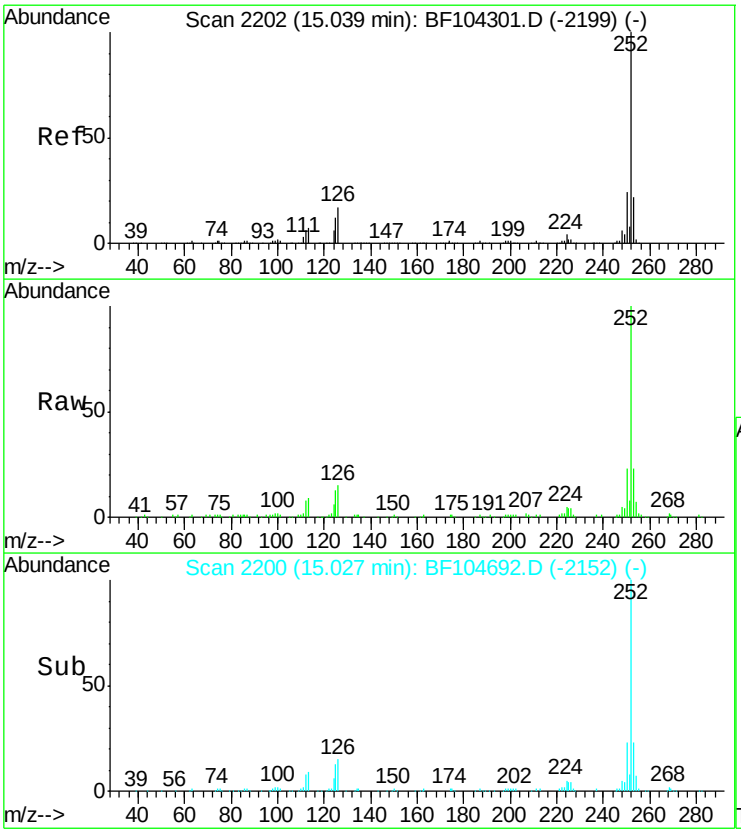
#87
Benzo(b)fluoranthene
Concen: 17.969 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)DL

Tgt Ion:252 Resp: 207957

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	13.0	9.0	13.6

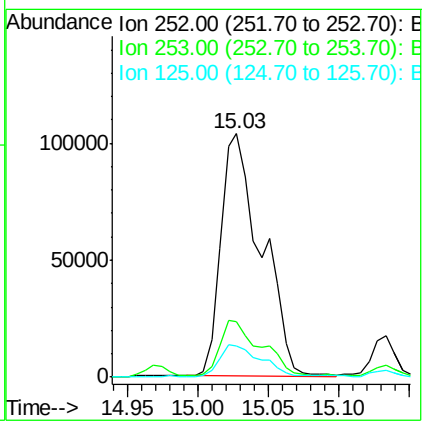


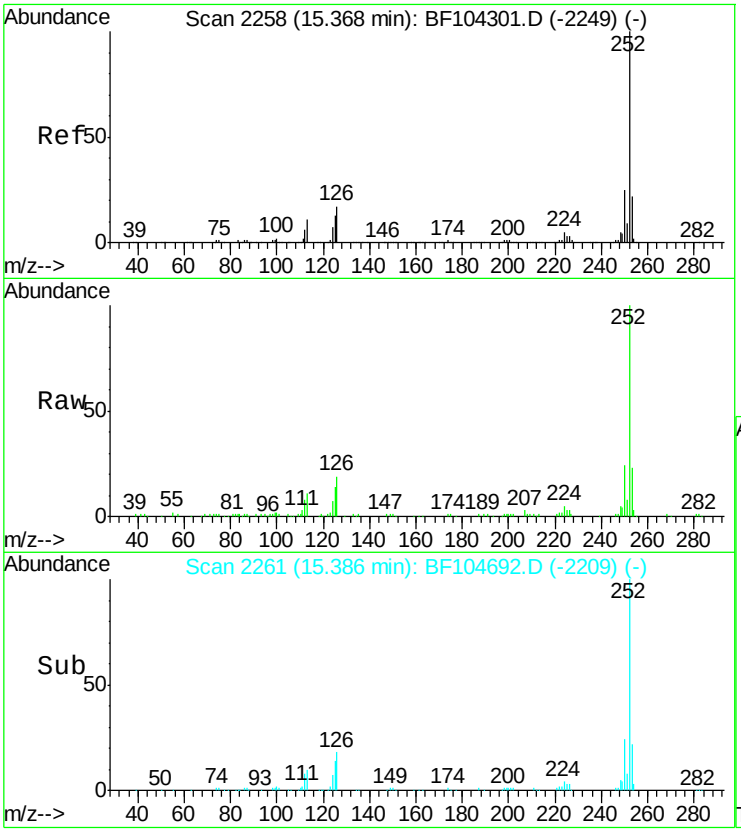


#88
Benzo(k)fluoranthene
Concen: 19.033 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Tgt Ion:252 Resp: 207957

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	13.0	10.2	15.2



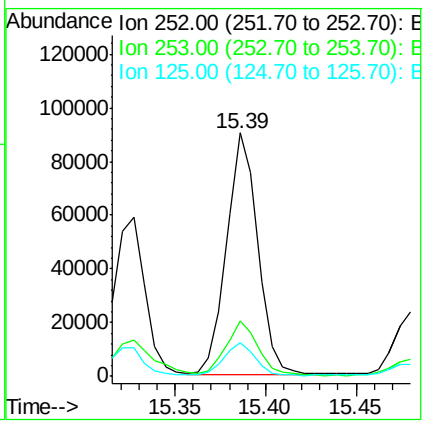


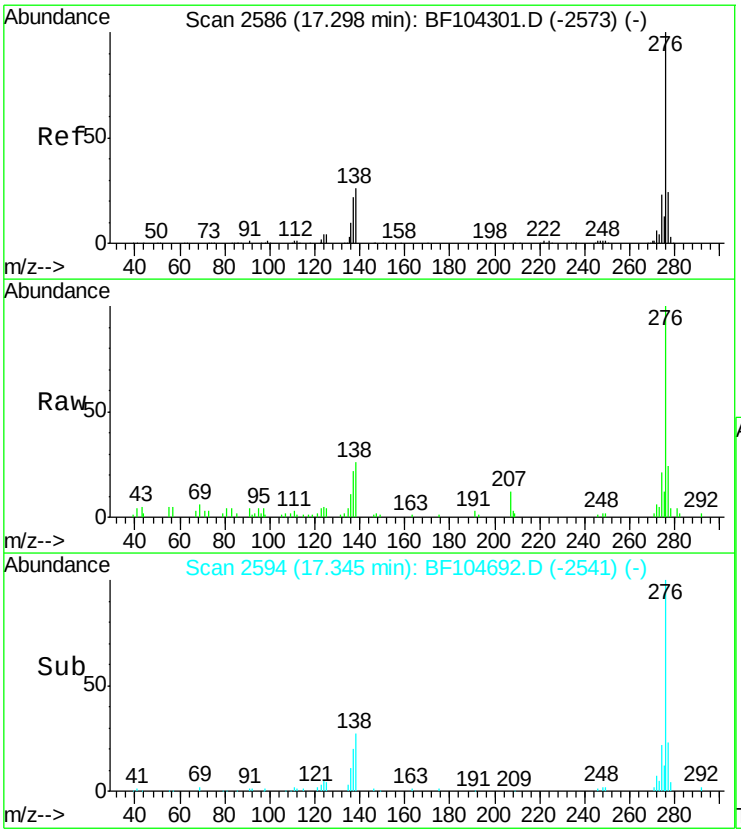
#89
Benzo(a)pyrene
Concen: 10.517 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)DL

Tgt Ion:252 Resp: 108911

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	14.0	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 6.449 ng
RT: 17.34 min Scan# 2594
Delta R.T. 0.01 min
Lab File: BF104692.D
Acq: 21 Apr 2018 00:13

Tgt Ion:276 Resp: 53136

Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	26.2	21.8	32.8