Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011918\
Data File : BF102214.D
Acq On : 19 Jan 2018 11:09
Operator : SJ/JU
Sample : J1187-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-125-9(0-5)DL

Quant Time: Jan 19 13:30:42 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	123876	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	505983	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	225212	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	362438	20.00	ng		0.00
75) Chrysene-d12	13.87	240	253168	20.00	ng		0.00
86) Perylene-d12	15.30	264	254146	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	102708	11.71	ng		0.00
7) Phenol-d6	6.35	99	122051	11.66	ng		0.00
23) Nitrobenzene-d5	7.28	82	70393	8.18	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	25042	12.74	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	138195	9.59	ng		-0.01
78) Terphenyl-d14	12.82	244	153162	12.56	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.28	82	70392	4.137	ng	#	64
50) 2,6-Dinitrotoluene	9.76	165	29390	8.144	ng	#	25
51) Acenaphthene	9.79	154	71969	4.840	ng		98
54) Dibenzofuran	9.96	168	55234	2.707	ng		99
55) 4-Nitrophenol	9.96	139	21469	6.325	ng	#	12
57) Fluorene	10.30	166	88006	6.238	ng		95
70) Phenanthrene	11.27	178	874716	41.316	ng		99
71) Anthracene	11.32	178	285752	13.308	ng		99
72) Carbazole	11.47	167	103829	4.920	ng		98
74) Fluoranthene	12.46	202	1122605	53.895	ng		97
77) Pyrene	12.68	202	997727	44.584	ng		100
80) Benzo(a)anthracene	13.87	228	517838	32.059	ng		100
82) Chrysene	13.90	228	469974	27.903	ng		97
83) Bis(2-ethylhexyl)phthalate	13.86	149	28179	2.392	ng		98
85) Indeno(1,2,3-cd)pyrene	16.68	276	230842	18.831	ng		94
87) Benzo(b)fluoranthene	14.89	252	783258	47.266	ng		97
88) Benzo(k)fluoranthene	14.89	252	783258	48.997	ng		99
89) Benzo(a)pyrene	15.24	252	424870	28.492	ng		97
90) Dibenzo(a,h)anthracene	16.69	278	62371	5.241	ng	#	84
91) Benzo(g,h,i)perylene	17.10	276	208956	17.432	ng		95

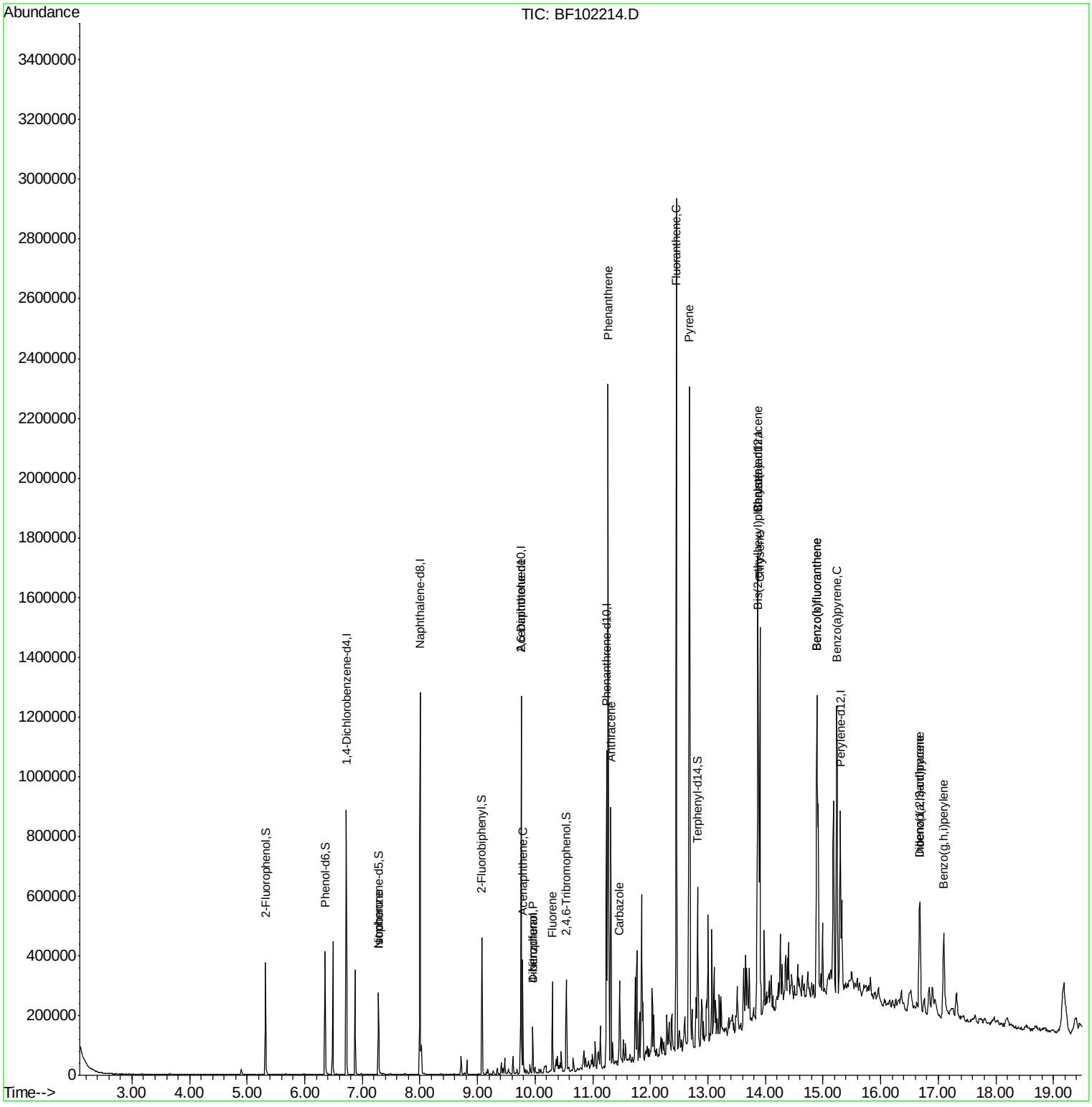
(#) = qualifier out of range (m) = manual integration (+) = signals summed

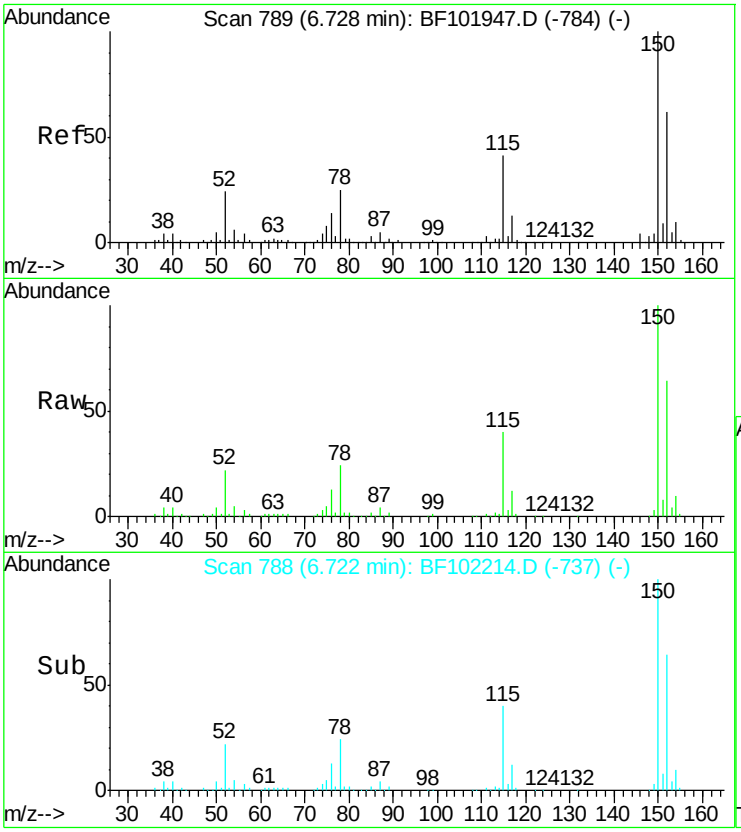
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011918\
Data File : BF102214.D
Acq On : 19 Jan 2018 11:09
Operator : SJ/JU
Sample : J1187-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-125-9(0-5)DL

Quant Time: Jan 19 13:30:42 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration



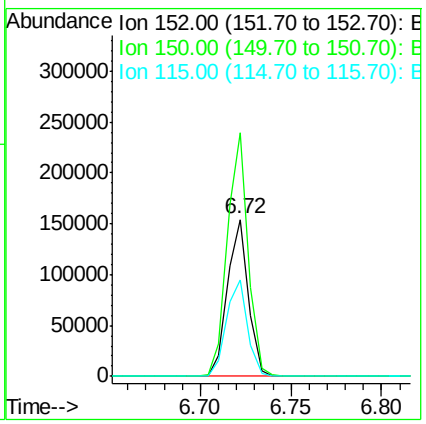


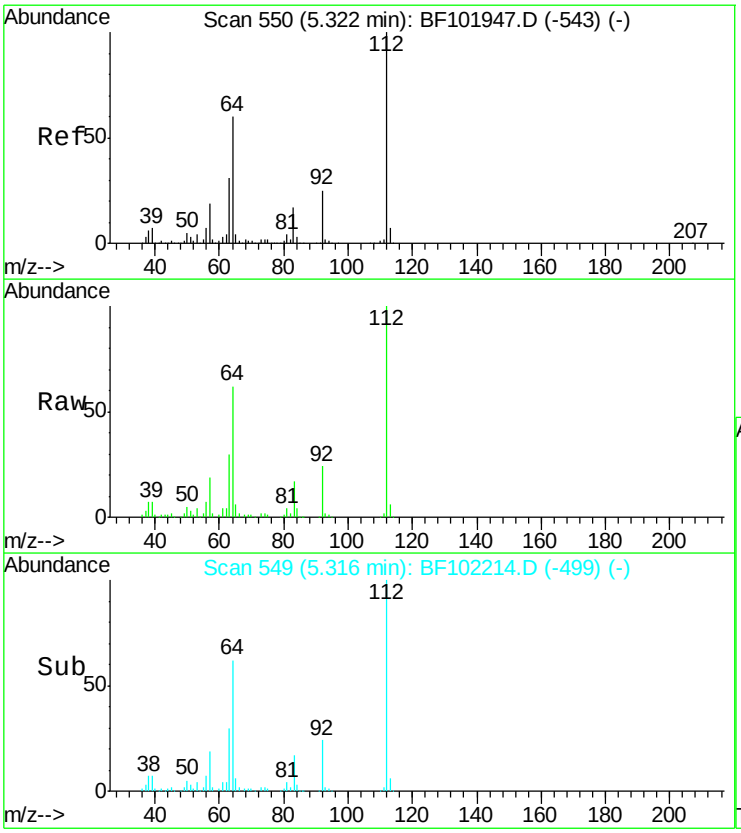
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Instrument :
BNA_F
ClientSampleId :
EPE-125-9(0-5)DL

Tgt Ion:152 Resp: 123876

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	61.6	50.1	75.1

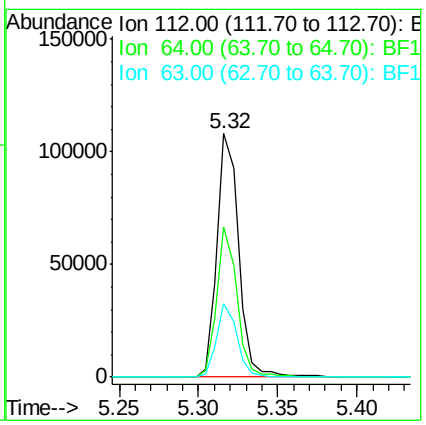


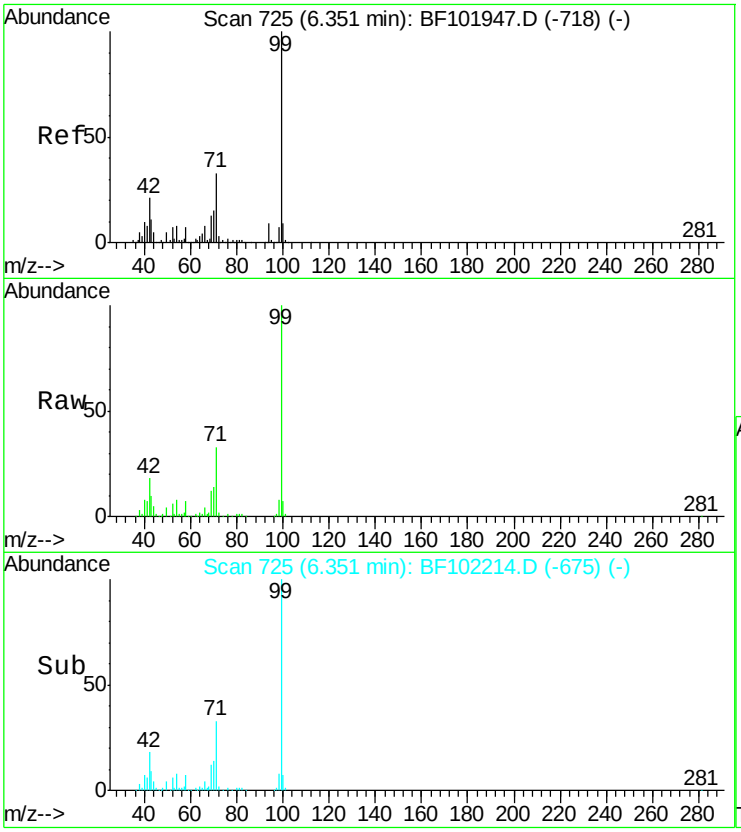


#5
2-Fluorophenol
Concen: 11.708 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Tgt Ion:112 Resp: 102708

Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.9	71.9
63	30.2	23.7	35.5



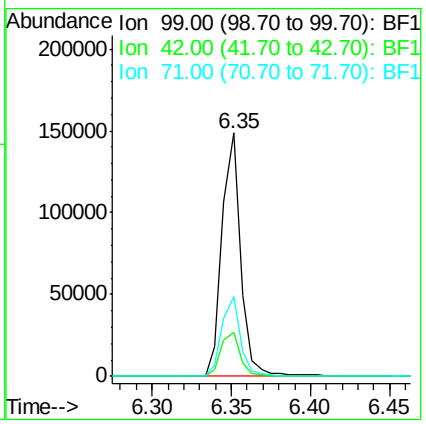


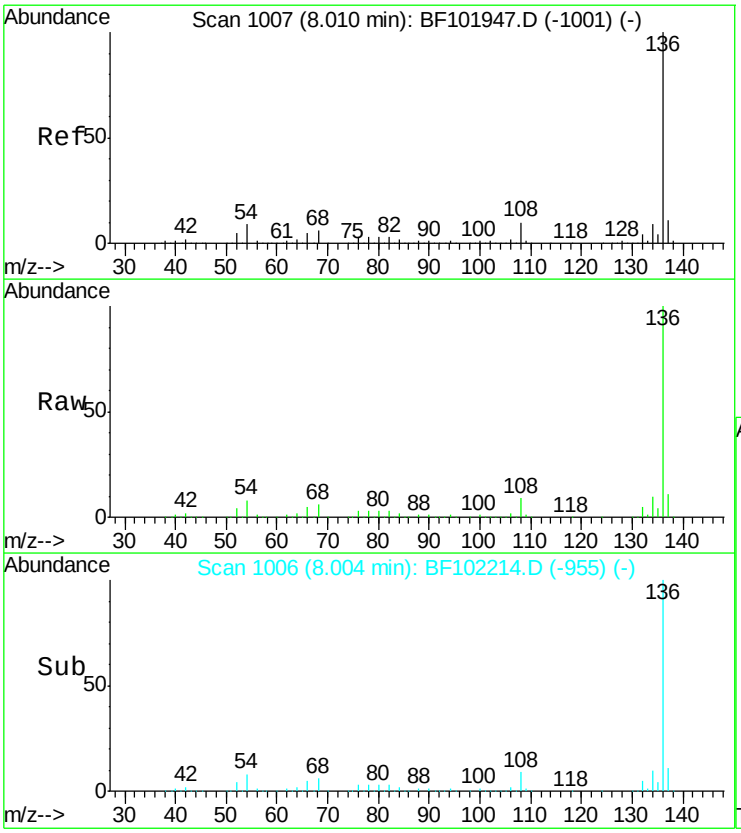
#7
Phenol-d6
Concen: 11.661 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Instrument :
BNA_F
ClientSampleId :
EPE-125-9(0-5)DL

Tgt Ion: 99 Resp: 122051

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.5	21.7
71	32.7	25.4	38.0

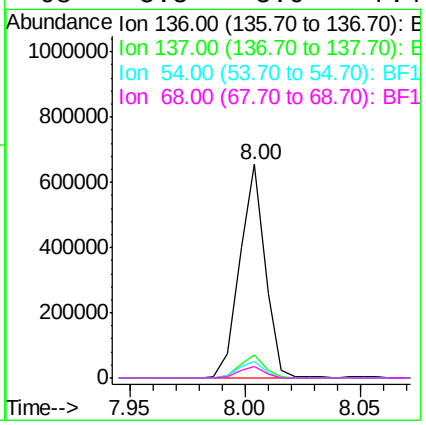


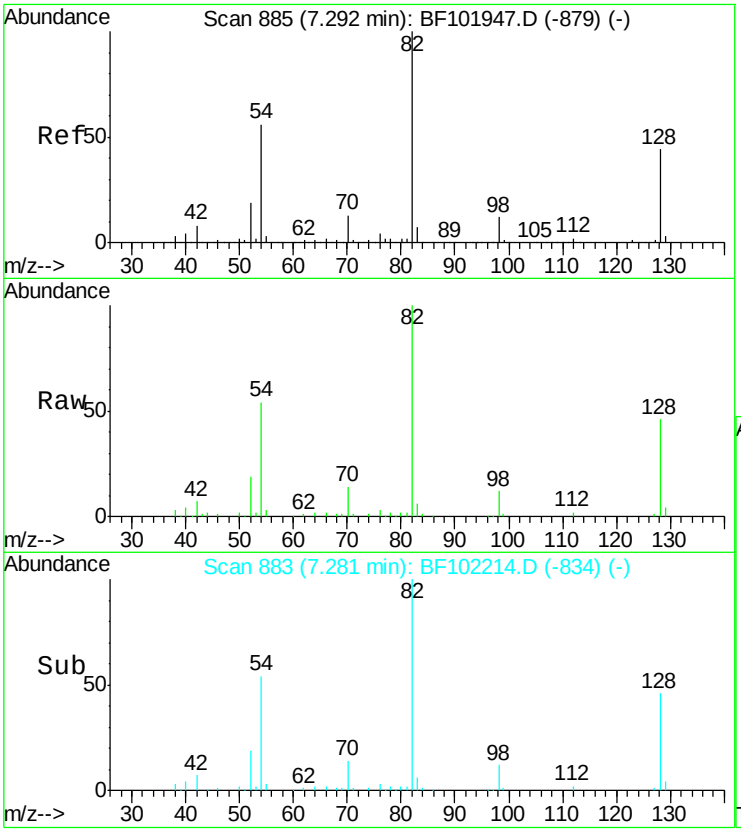


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Tgt Ion:136 Resp: 505983

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.9	6.6	9.8
68	5.5	5.0	7.4



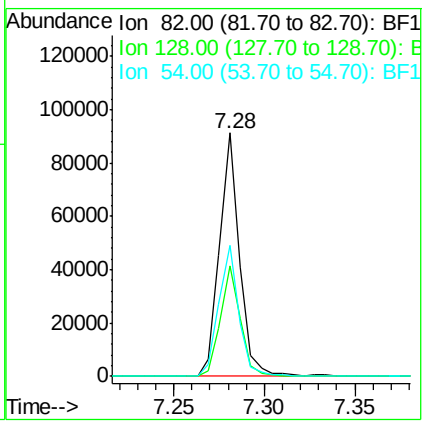


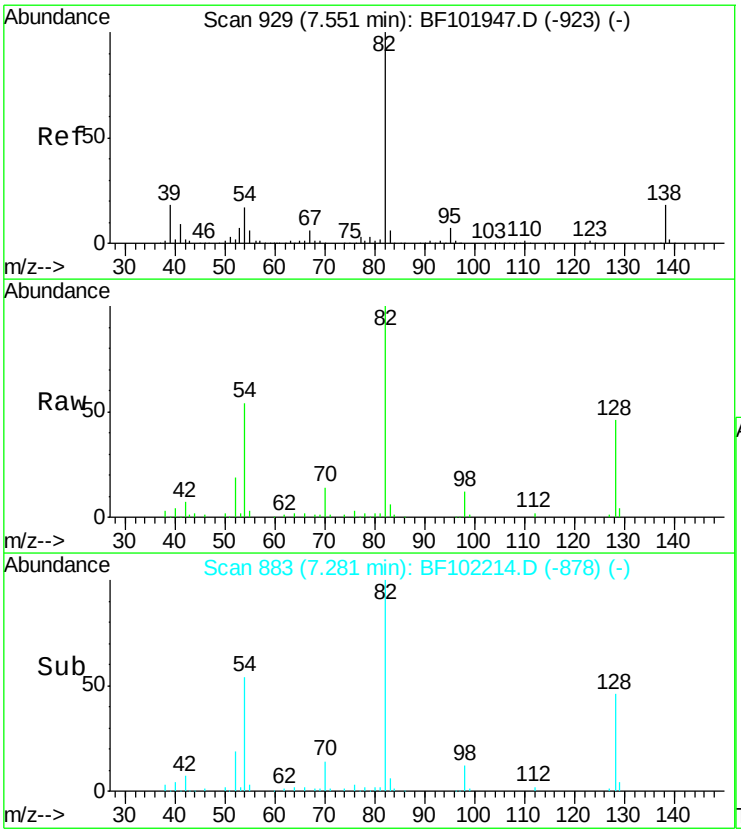
#23
Nitrobenzene-d5
Concen: 8.175 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Instrument :
BNA_F
ClientSampleId :
EPE-125-9(0-5)DL

Tgt Ion: 82 Resp: 70393

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	53.7	41.4	62.2

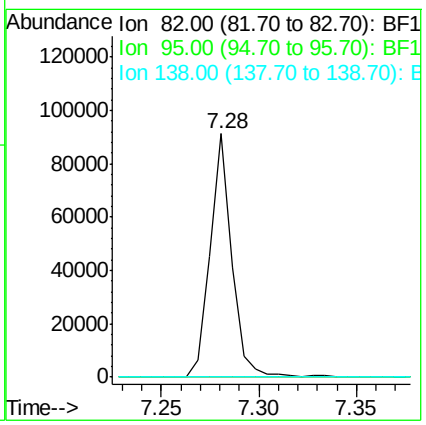


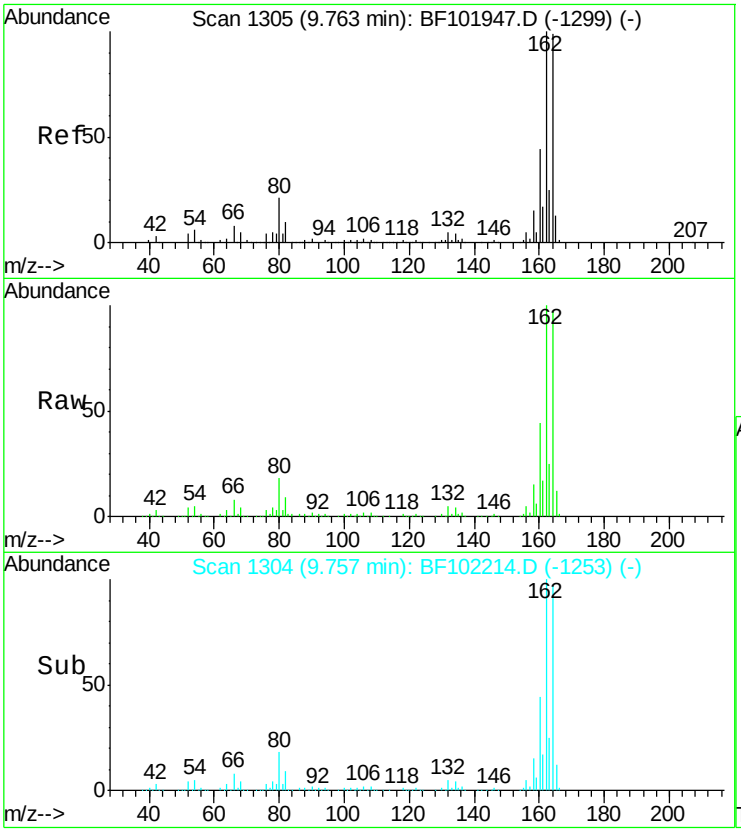


#25
Isophorone
Concen: 4.137 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Tgt Ion: 82 Resp: 70392

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



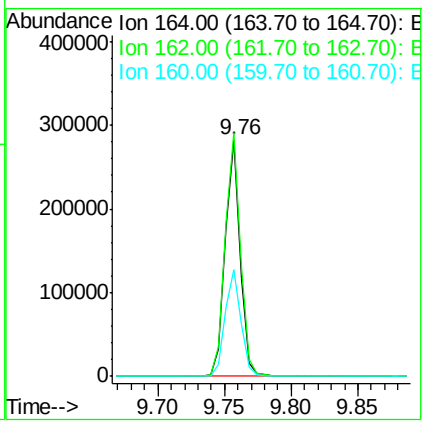


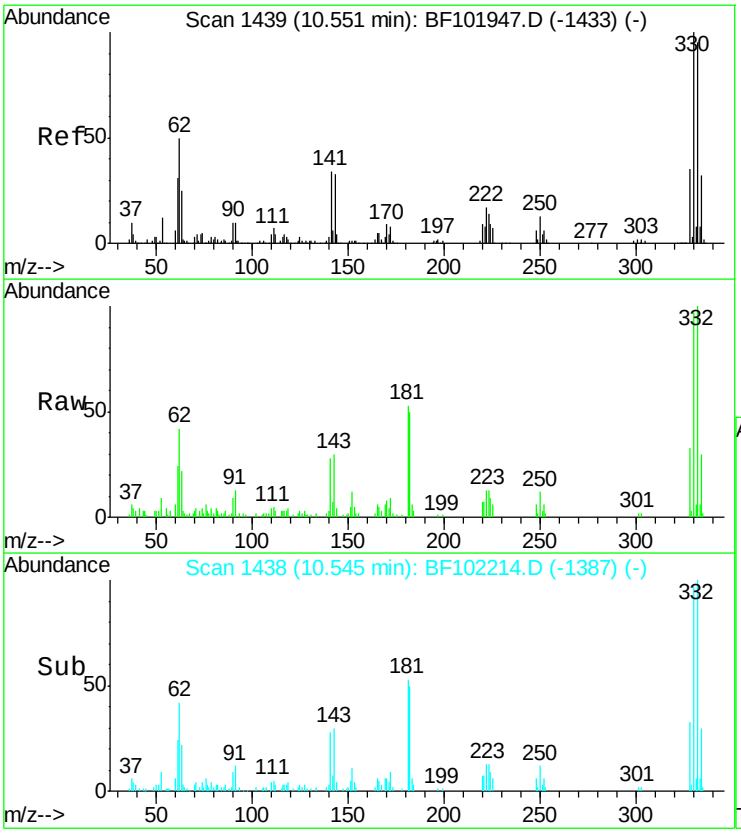
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Instrument :
BNA_F
ClientSampleId :
EPE-125-9(0-5)DL

Tgt Ion:164 Resp: 225212

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	45.1	38.3	57.5

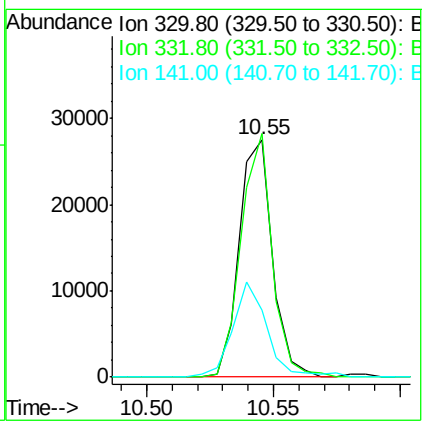


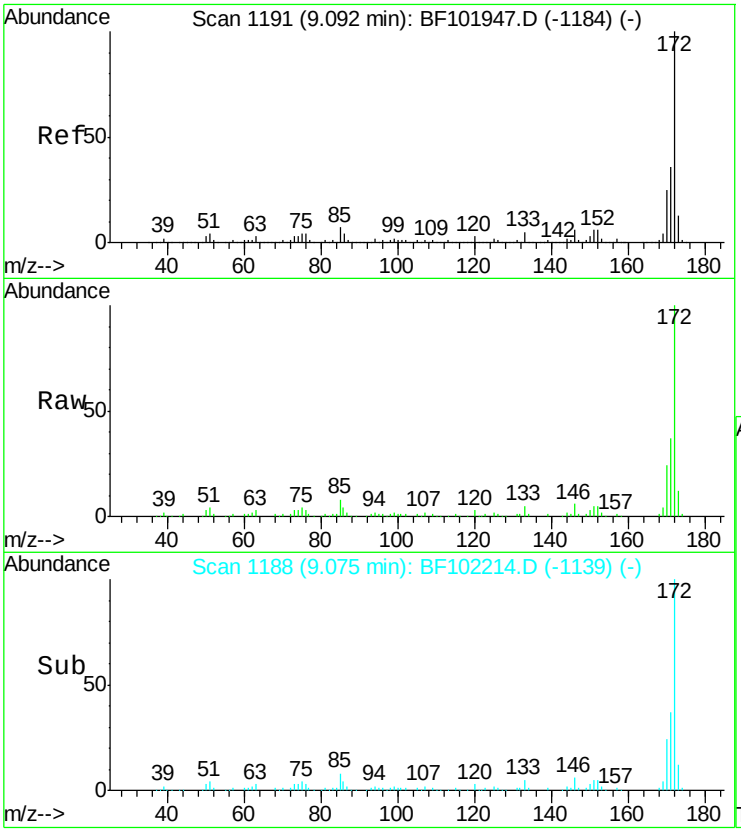


#41
2,4,6-Tribromophenol
Concen: 12.741 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Tgt Ion:330 Resp: 25042

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	42.0	29.9	44.9



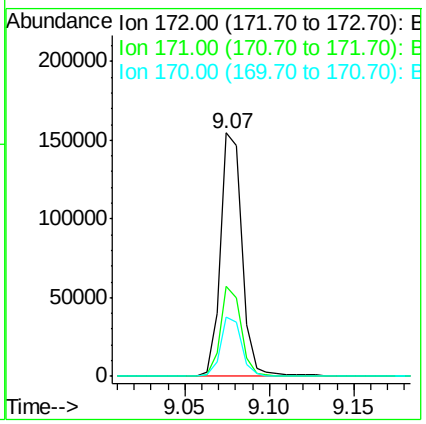


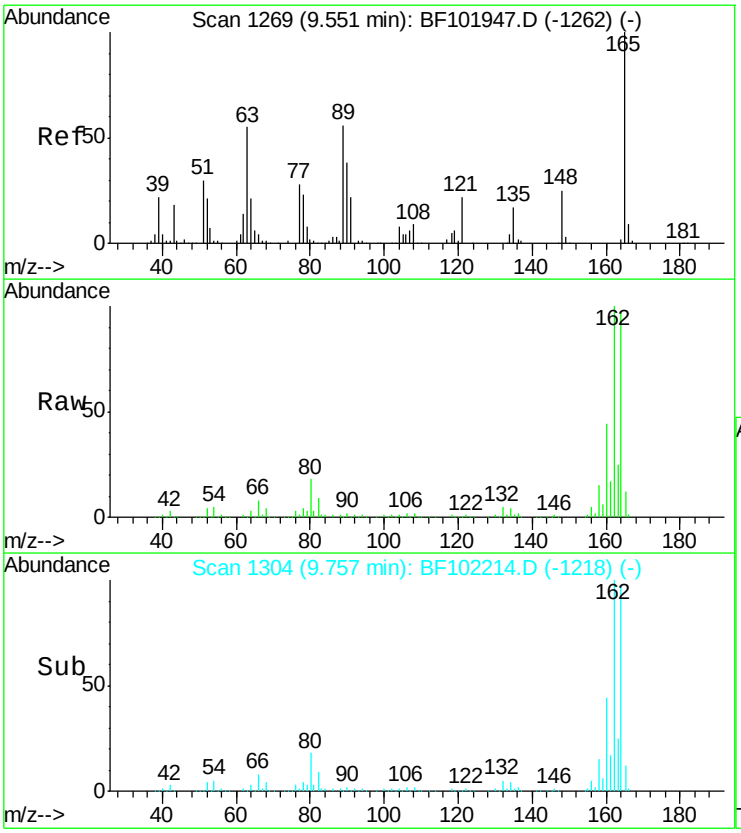
#44
2-Fluorobiphenyl
Concen: 9.586 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Instrument :
BNA_F
ClientSampleId :
EPE-125-9(0-5)DL

Tgt Ion:172 Resp: 138195

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.1	19.6	29.4

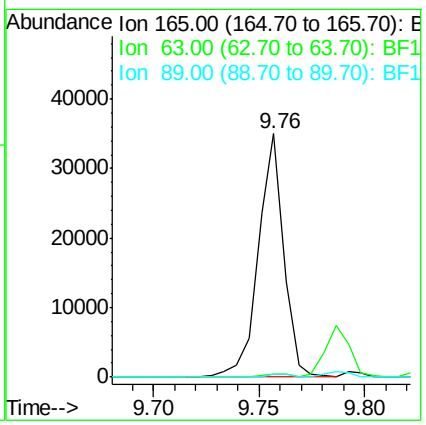


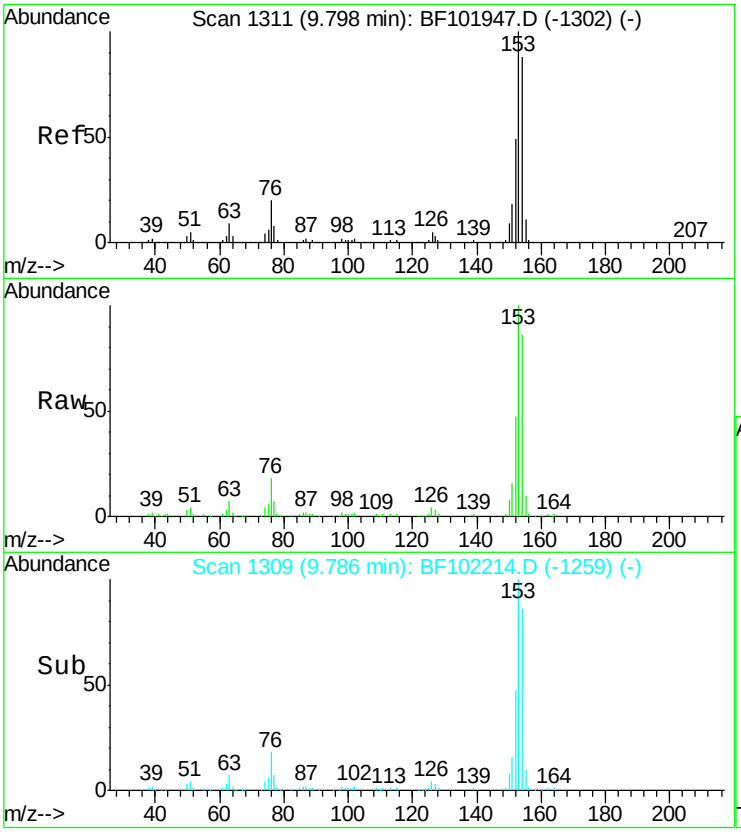


#50
2,6-Dinitrotoluene
Concen: 8.144 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Tgt Ion:165 Resp: 29390

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.3	44.0	66.0#



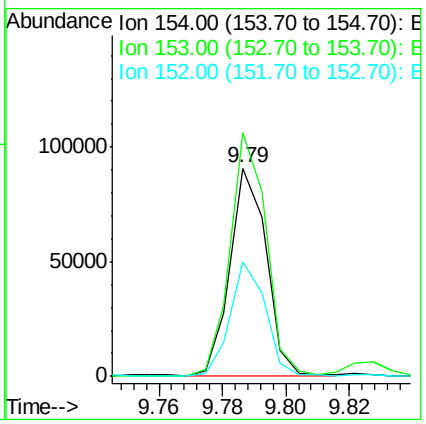


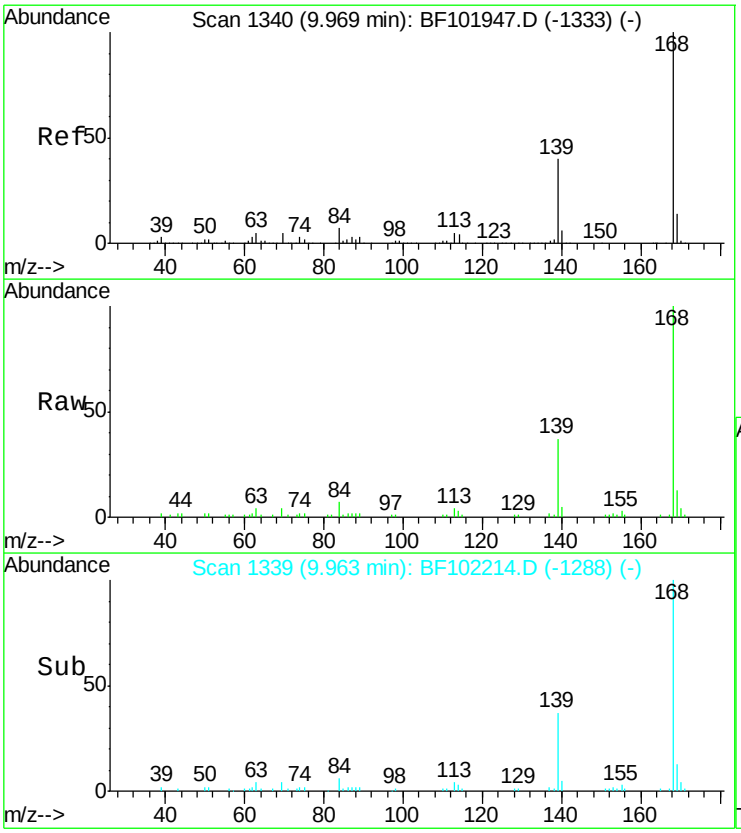
#51
Acenaphthene
Concen: 4.840 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Instrument :
BNA_F
ClientSampleId :
EPE-125-9(0-5)DL

Tgt Ion:154 Resp: 71969

Ion	Ratio	Lower	Upper
154	100		
153	116.9	91.2	136.8
152	54.7	43.8	65.8

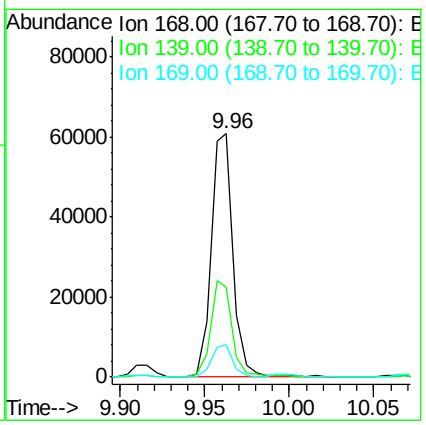


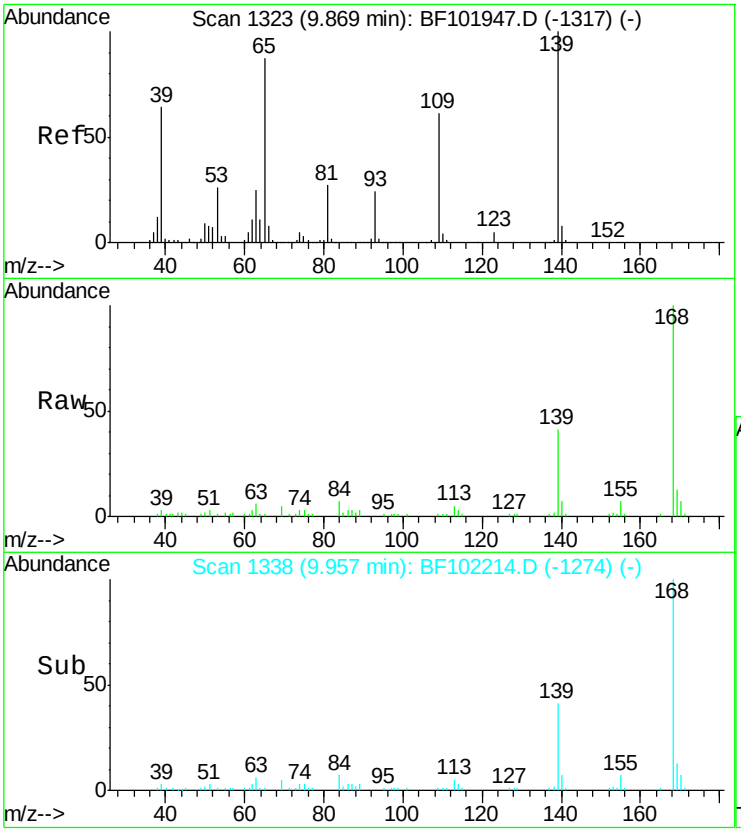


#54
Dibenzofuran
Concen: 2.707 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Tgt Ion:168 Resp: 55234

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.1	45.1
169	13.2	10.9	16.3



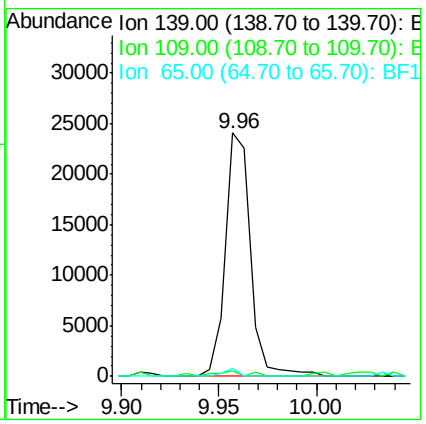


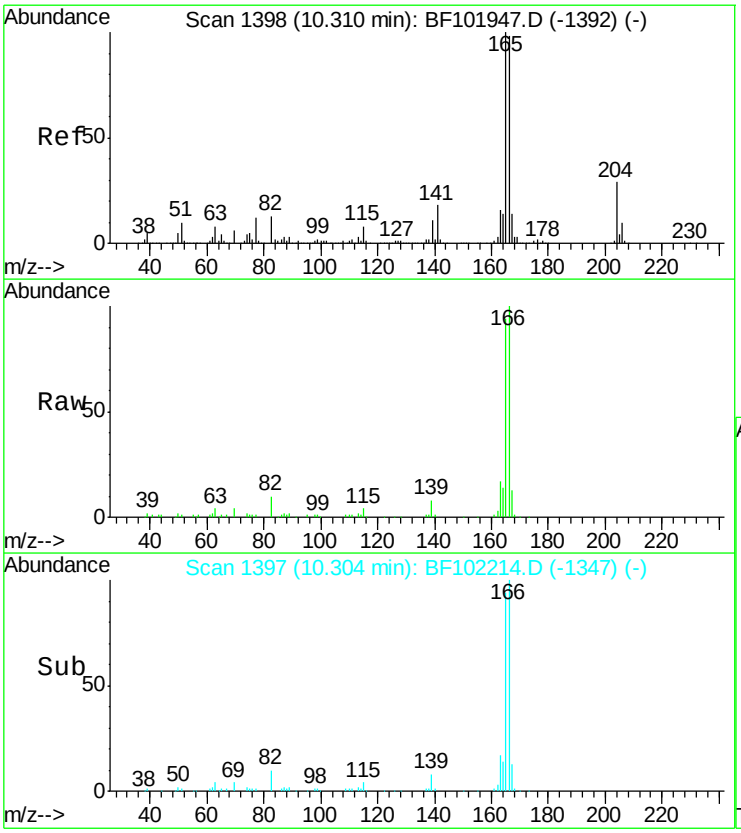
#55
4-Nitrophenol
Concen: 6.325 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.08 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Instrument :
BNA_F
ClientSampleId :
EPE-125-9(0-5)DL

Tgt Ion:139 Resp: 21469

Ion	Ratio	Lower	Upper
139	100		
109	2.2	48.4	88.4#
65	3.2	72.6	112.6#

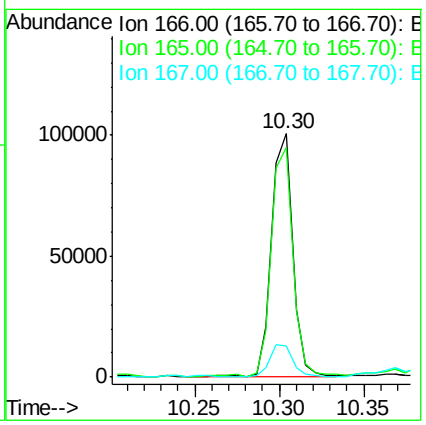


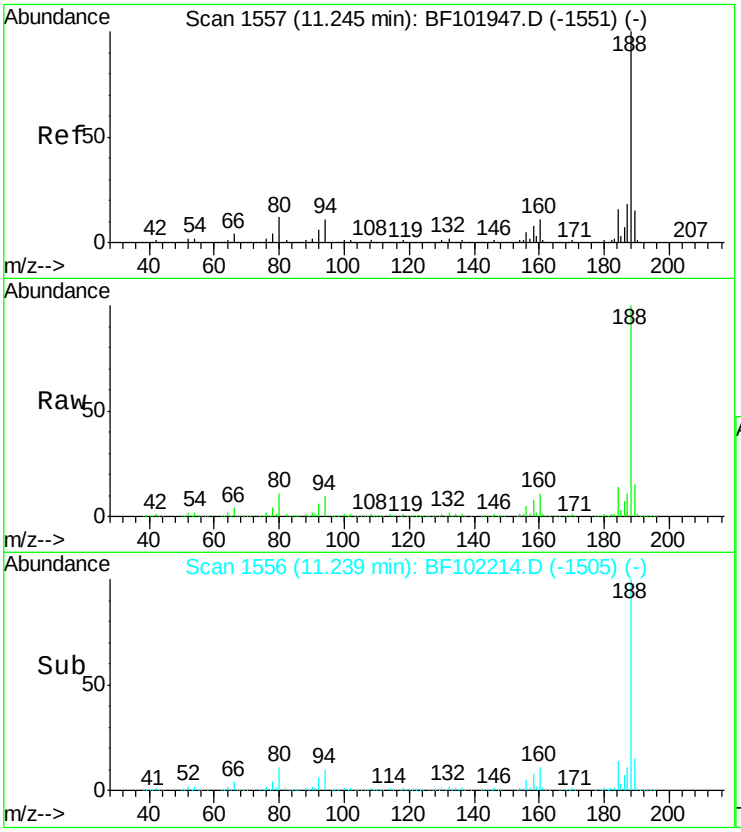


#57
Fluorene
Concen: 6.238 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Tgt Ion:166 Resp: 88006

Ion	Ratio	Lower	Upper
166	100		
165	94.3	79.8	119.8
167	12.9	10.6	16.0



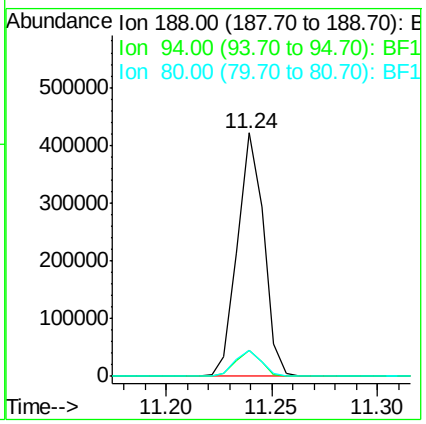


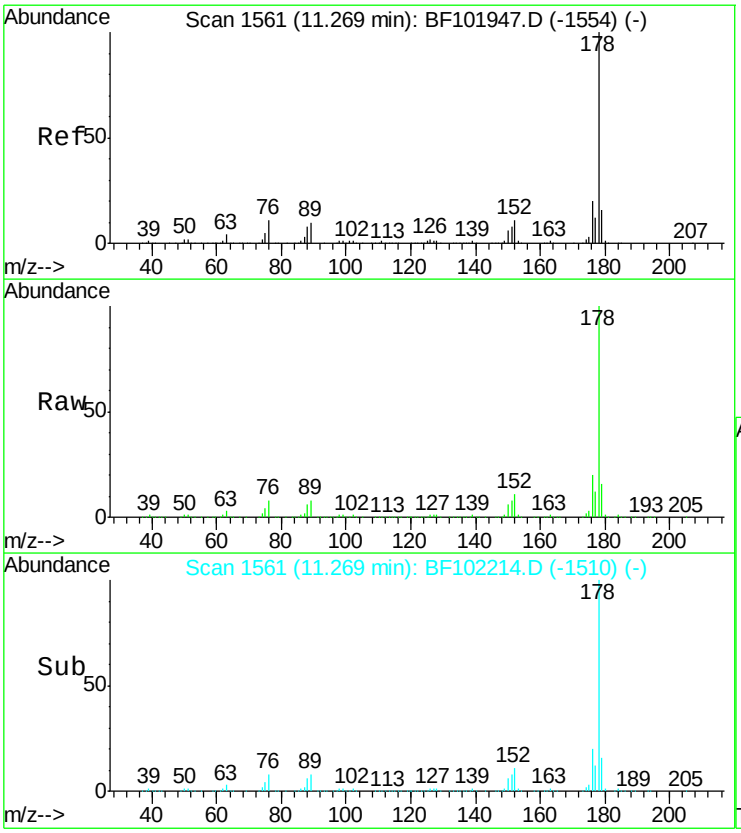
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Instrument :
BNA_F
ClientSampleId :
EPE-125-9(0-5)DL

Tgt Ion:188 Resp: 362438

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	10.7	9.2	13.8

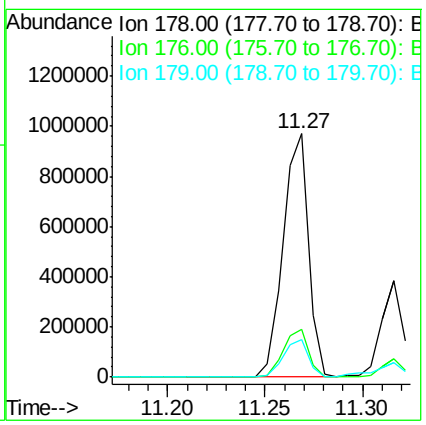


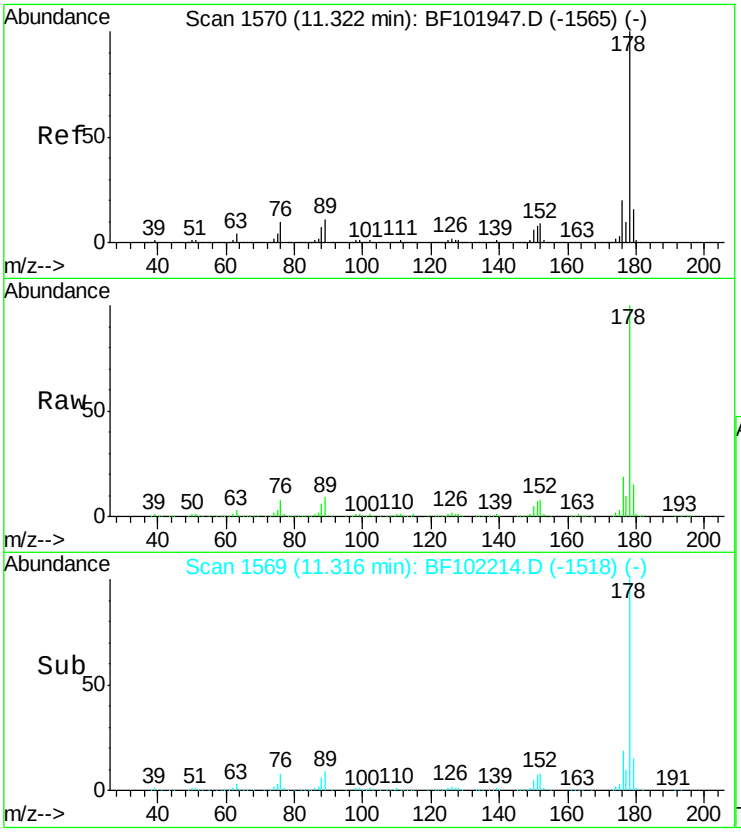


#70
Phenanthrene
Concen: 41.316 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Tgt Ion:178 Resp: 874716

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.6	13.0	19.6



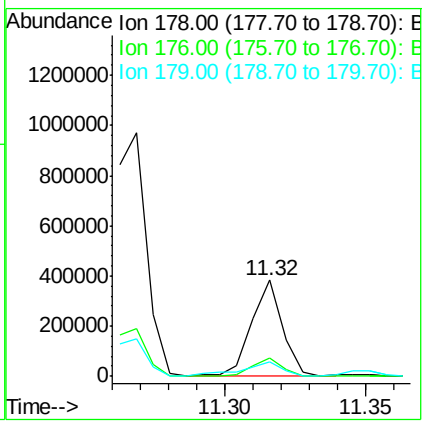


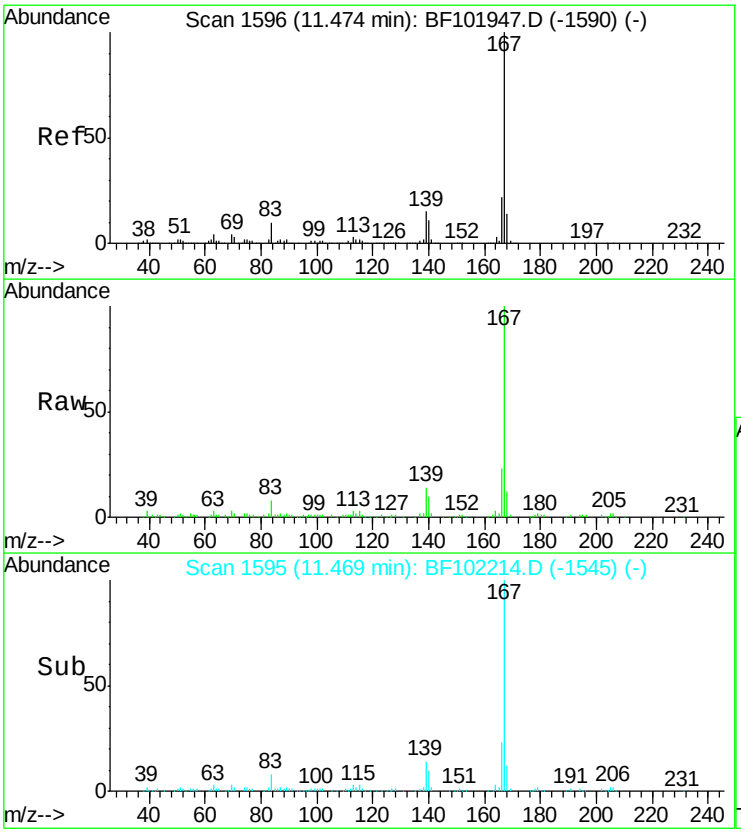
#71
Anthracene
Concen: 13.308 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Instrument :
BNA_F
ClientSampleId :
EPE-125-9(0-5)DL

Tgt Ion:178 Resp: 285752

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.3	12.6	19.0

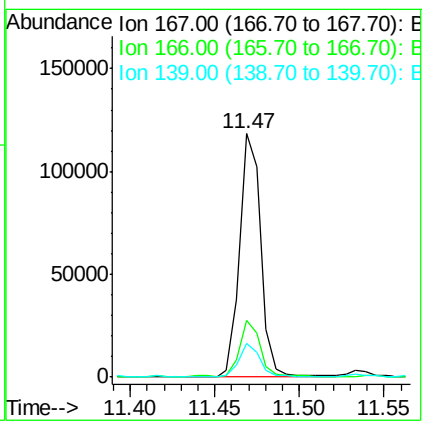


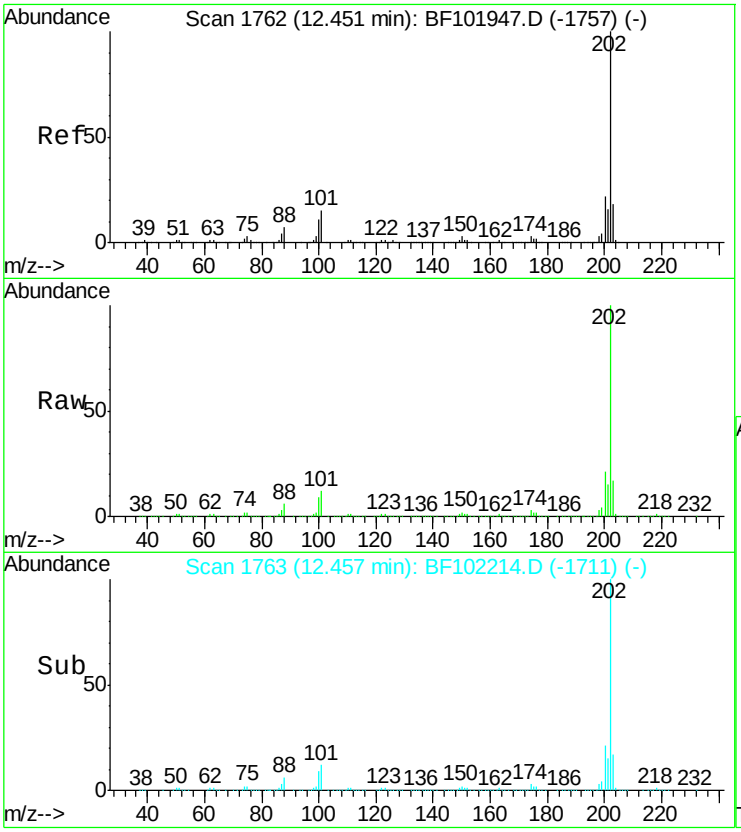


#72
Carbazole
Concen: 4.920 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Tgt Ion:167 Resp: 103829

Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.6	26.4
139	13.9	10.9	16.3



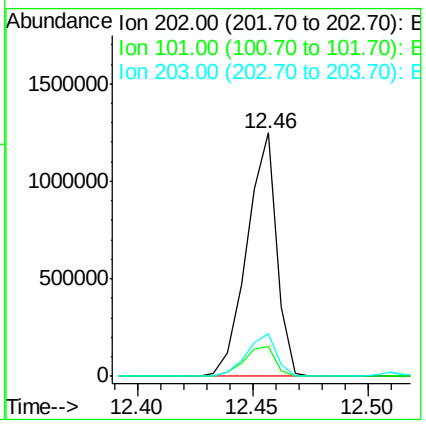


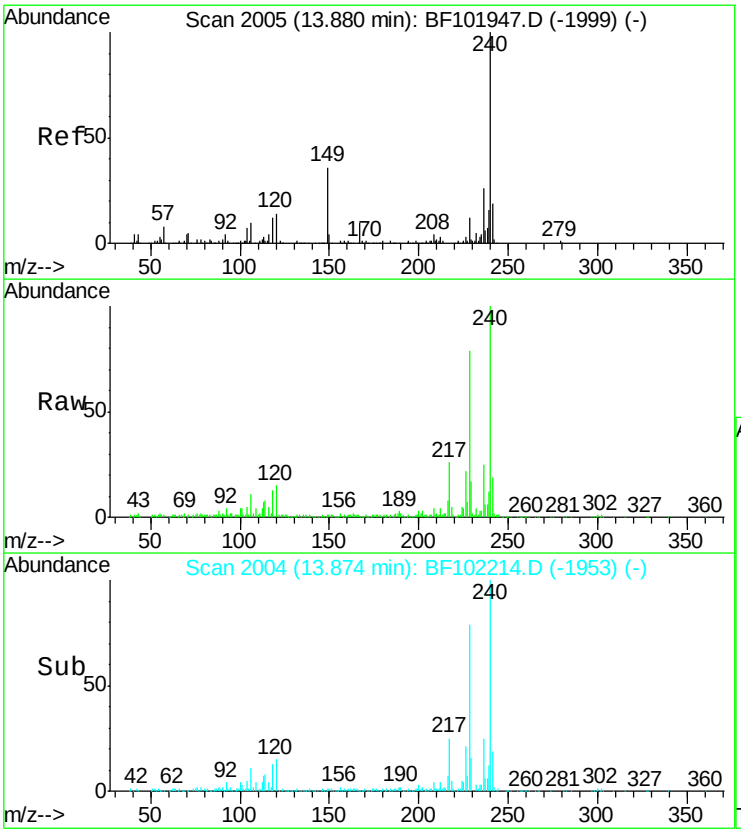
#74
Fluoranthene
Concen: 53.895 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Instrument :
BNA_F
ClientSampleId :
EPE-125-9(0-5)DL

Tgt Ion:202 Resp: 1122605

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	17.5	0.0	38.1

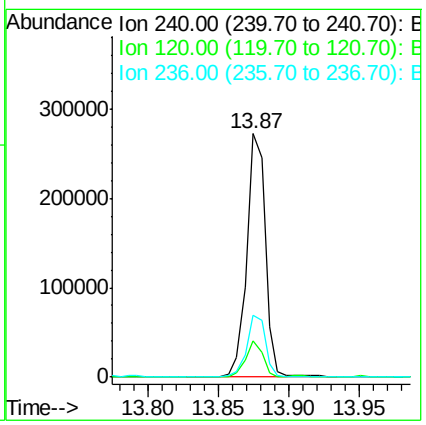


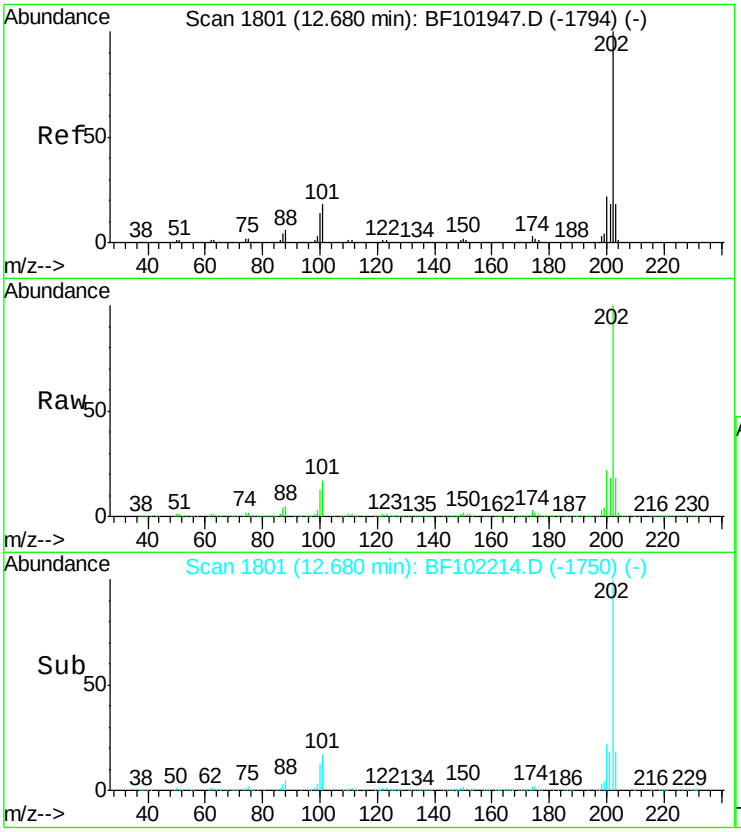


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Tgt Ion:240 Resp: 253168

Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	25.3	20.7	31.1



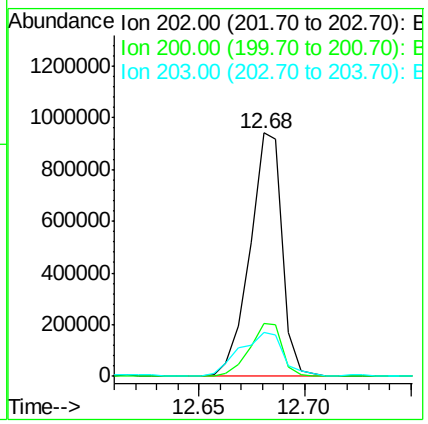


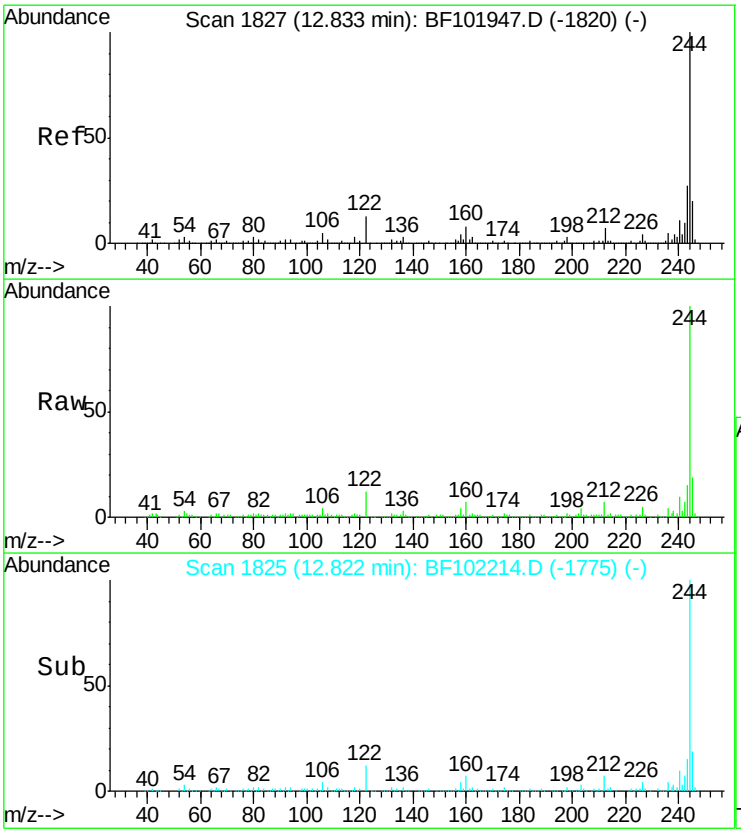
#77
Pyrene
Concen: 44.584 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Instrument :
BNA_F
ClientSampleId :
EPE-125-9(0-5)DL

Tgt Ion:202 Resp: 997727

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.9	14.3	21.5

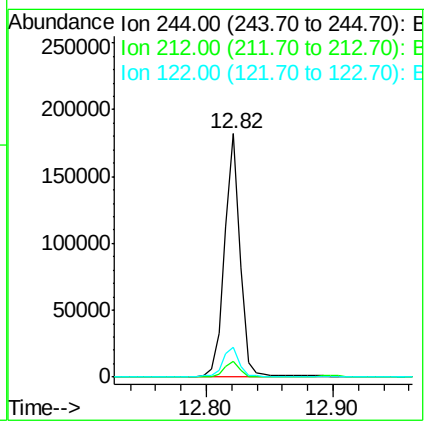


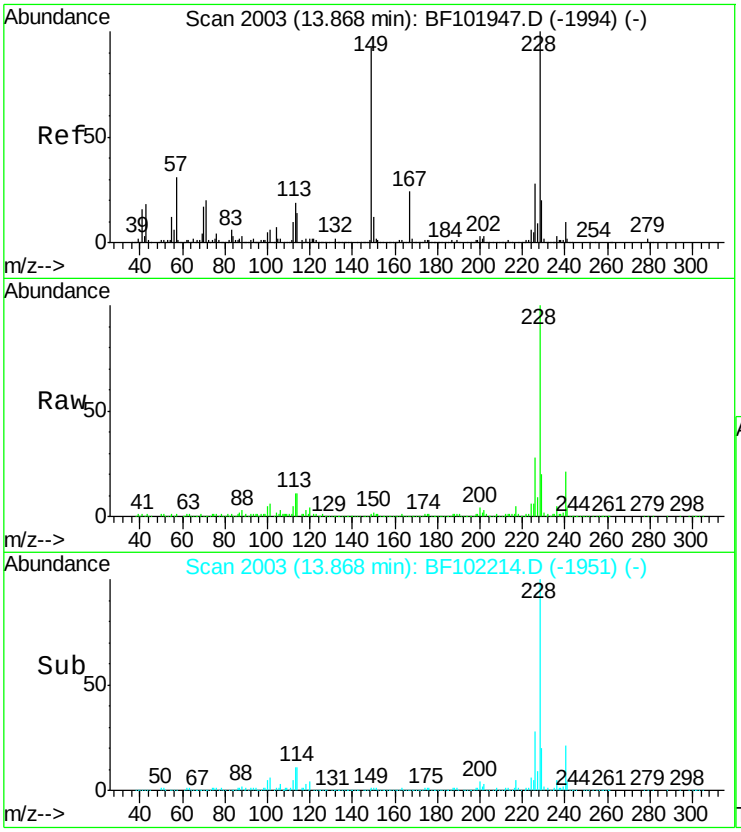


#78
Terphenyl-d14
Concen: 12.561 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Tgt Ion:244 Resp: 153162

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.3	11.0	16.4



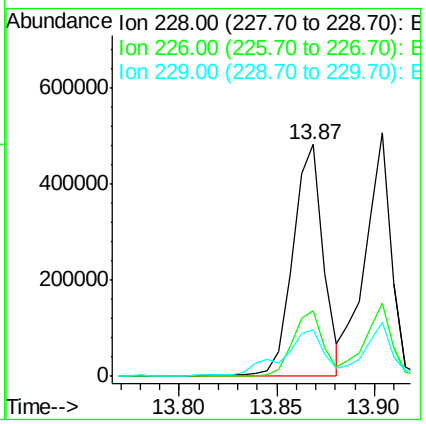


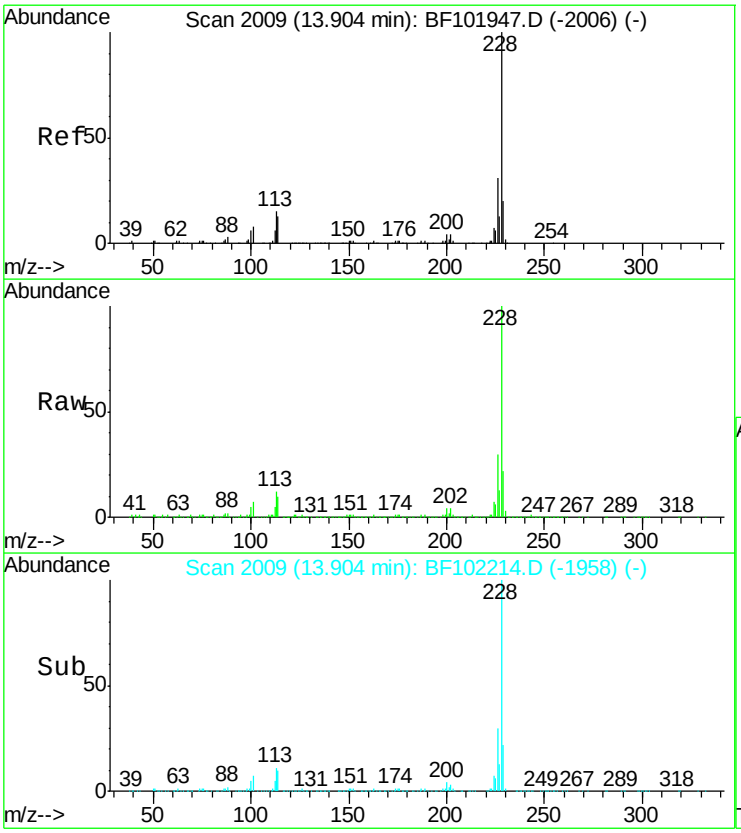
#80
Benzo(a)anthracene
Concen: 32.059 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Instrument :
BNA_F
ClientSampleId :
EPE-125-9(0-5)DL

Tgt Ion:228 Resp: 517838

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.8	15.8	23.6

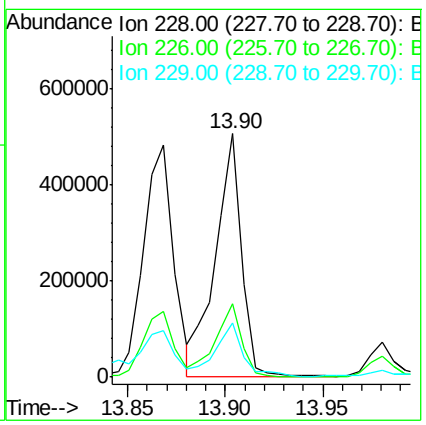


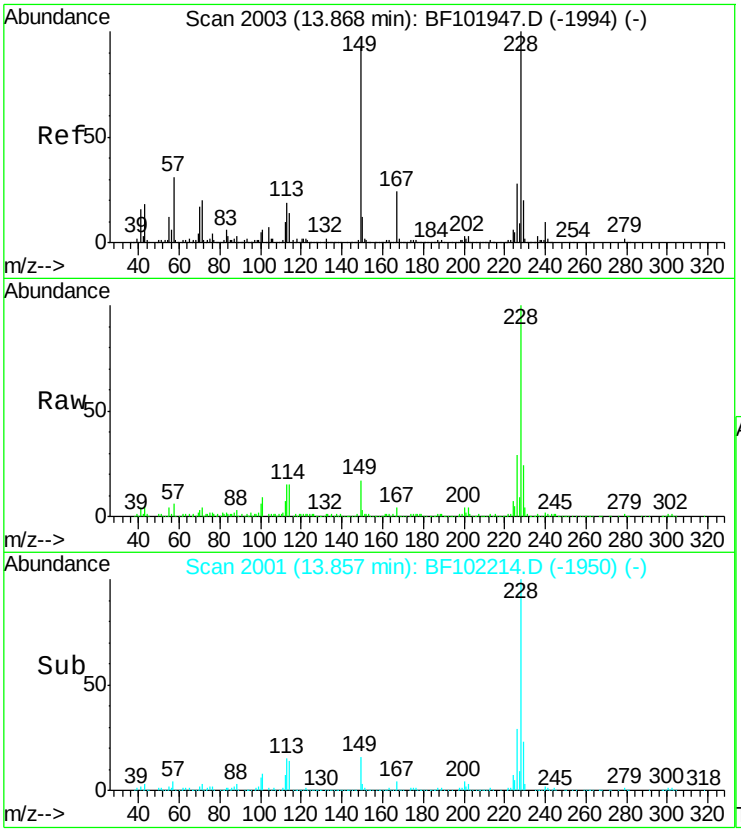


#82
Chrysene
Concen: 27.903 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Tgt Ion:228 Resp: 469974

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.1	16.2	24.4



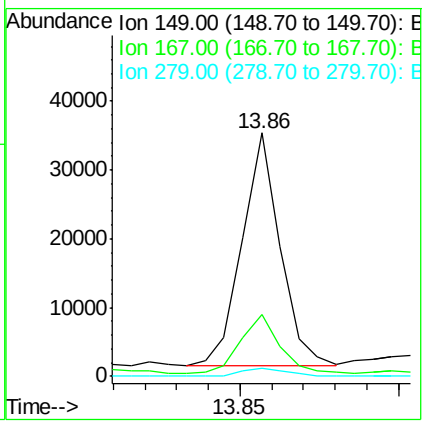


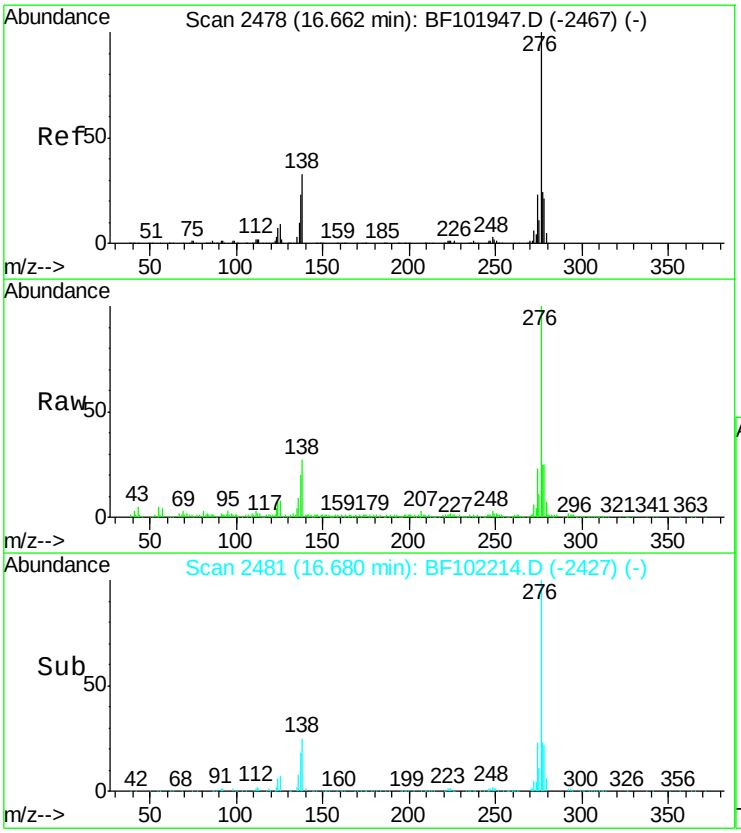
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.392 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Instrument :
BNA_F
ClientSampleId :
EPE-125-9(0-5)DL

Tgt Ion:149 Resp: 28179

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.3	31.9
279	3.1	3.0	4.4

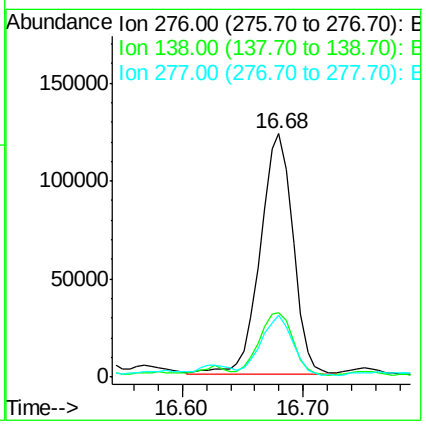


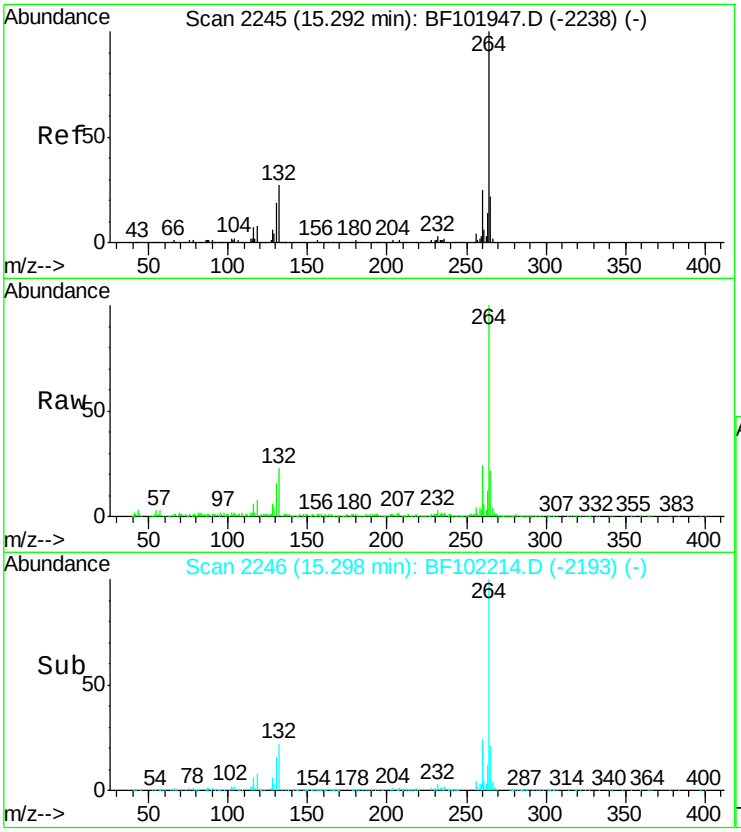


#85
Indeno(1,2,3-cd)pyrene
Concen: 18.831 ng
RT: 16.68 min Scan# 2481
Delta R.T. 0.02 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Tgt Ion:276 Resp: 230842

Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.0	37.6
277	23.6	20.1	30.1



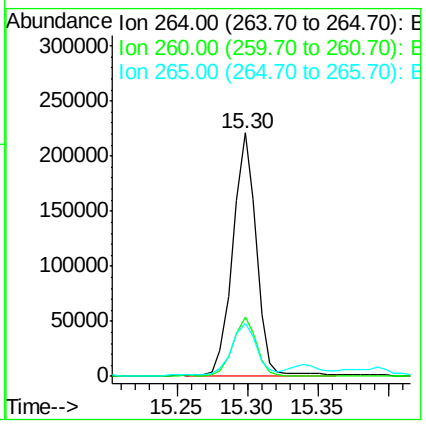


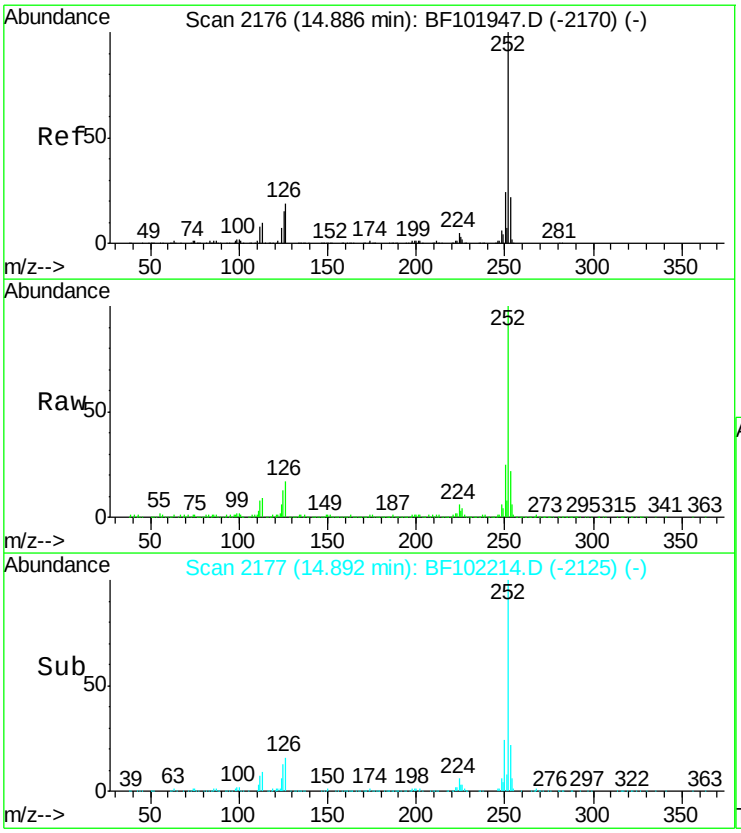
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Instrument :
BNA_F
ClientSampleId :
EPE-125-9(0-5)DL

Tgt Ion:264 Resp: 254146

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.5	26.3

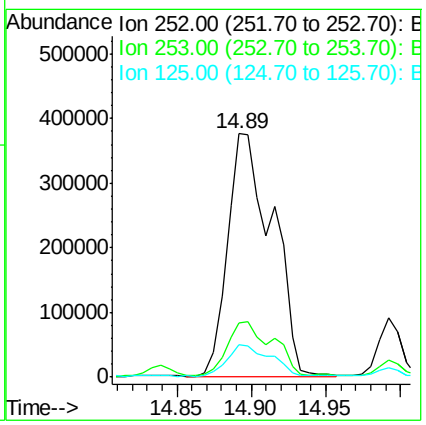


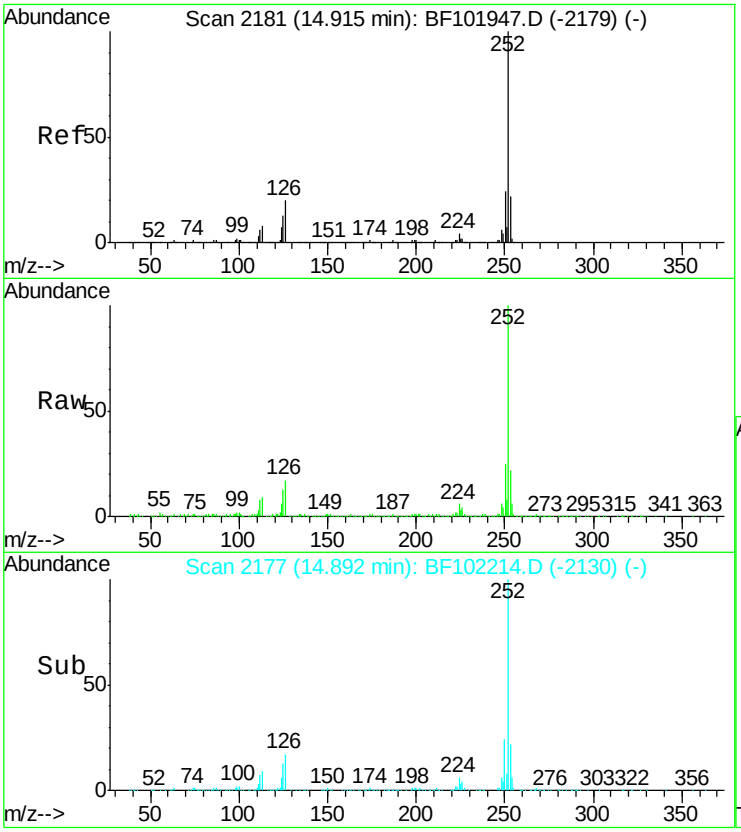


#87
Benzo(b)fluoranthene
Concen: 47.266 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Tgt Ion:252 Resp: 783258

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	13.4	9.0	13.6



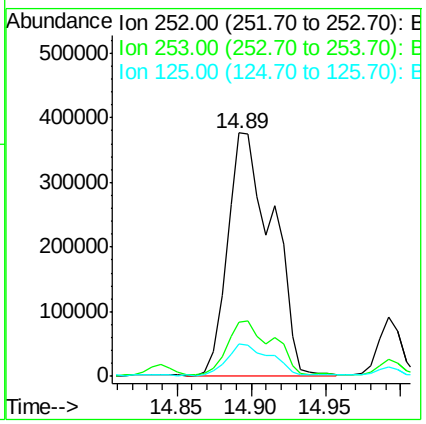


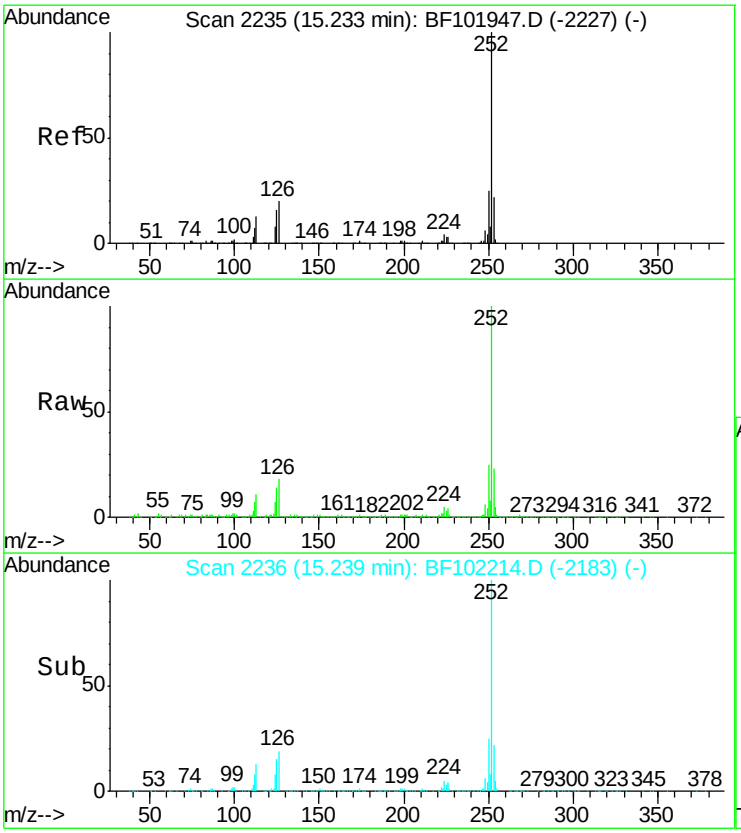
#88
Benzo(k)fluoranthene
Concen: 48.997 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Instrument :
BNA_F
ClientSampleId :
EPE-125-9(0-5)DL

Tgt Ion:252 Resp: 783258

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.4	10.2	15.2

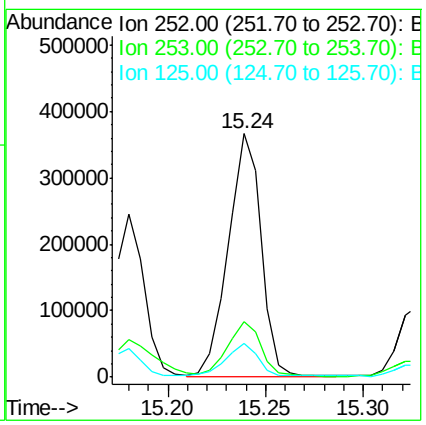


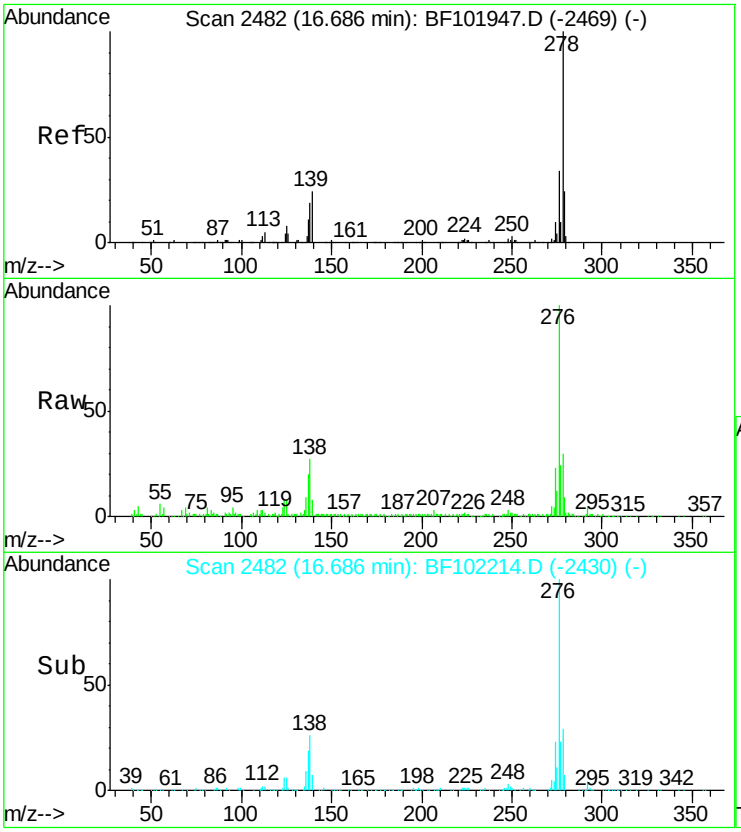


#89
Benzo(a)pyrene
Concen: 28.492 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Tgt Ion:252 Resp: 424870

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	14.0	9.8	14.6



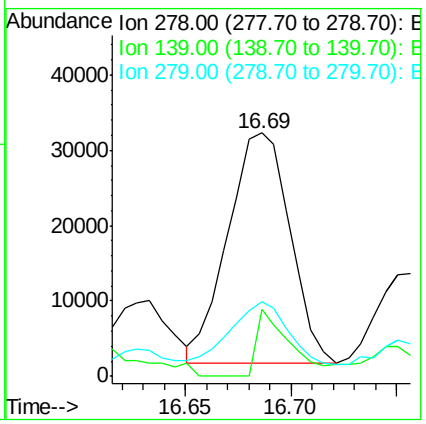


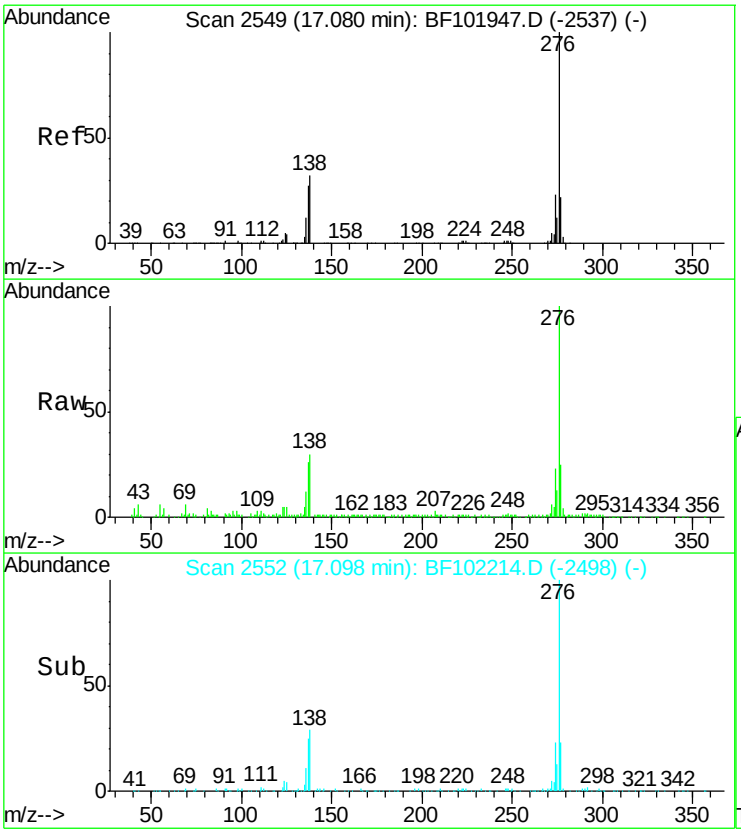
#90
Dibenzo(a,h)anthracene
Concen: 5.241 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.01 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Instrument :
BNA_F
ClientSampleId :
EPE-125-9(0-5)DL

Tgt Ion:278 Resp: 62371

Ion	Ratio	Lower	Upper
278	100		
139	27.6	15.9	23.9#
279	30.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 17.432 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.02 min
Lab File: BF102214.D
Acq: 19 Jan 2018 11:09

Tgt Ion:276 Resp: 208956

Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.9	26.9
138	29.9	21.8	32.8