Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011118\
Data File : BF102022.D
Acq On : 11 Jan 2018 16:59
Operator : SJ/JU
Sample : J1081-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-1(0-5)

Quant Time: Jan 11 17:31:47 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	189669	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	723630	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	280269	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	398186	20.00	ng		0.00
75) Chrysene-d12	13.88	240	301967	20.00	ng		0.00
86) Perylene-d12	15.30	264	345257	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1090406	81.18	ng		0.01
7) Phenol-d6	6.36	99	1395032	87.05	ng		0.00
23) Nitrobenzene-d5	7.29	82	889832	72.26	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	173853	71.08	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1278599	71.27	ng		0.00
78) Terphenyl-d14	12.83	244	795756	54.71	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	23917	2.149	ng		87
10) Phenol	6.37	94	77942	4.304	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	119311	11.361	ng	#	80
25) Isophorone	7.29	82	889811	36.570	ng	#	64
48) Acenaphthylene	9.62	152	386546	12.679	ng		100
49) Dimethylphthalate	9.48	163	209564	9.321	ng		99
54) Dibenzofuran	9.96	168	112251	4.420	ng		96
55) 4-Nitrophenol	9.96	139	40980	9.702	ng	#	11
57) Fluorene	10.30	166	84695	4.824	ng		100
64) 4,6-Dinitro-2-methylphenol	10.55	198	351	5.805	ng	#	1
66) 4-Bromophenyl-phenylether	10.55	248	11476	2.729	ng	#	1
70) Phenanthrene	11.27	178	1452306	62.440	ng		99
71) Anthracene	11.32	178	303660	12.873	ng		98
72) Carbazole	11.47	167	213805	9.221	ng		100
74) Fluoranthene	12.46	202	1733734	75.761	ng		99
77) Pyrene	12.69	202	1445206	54.144	ng		100
80) Benzo(a)anthracene	13.90	228	820352	42.580	ng		96
82) Chrysene	13.90	228	820352	40.835	ng		98
85) Indeno(1,2,3-cd)pyrene	16.69	276	553101	37.827	ng		99
87) Benzo(b)fluoranthene	14.90	252	1563051	69.432	ng	#	95
88) Benzo(k)fluoranthene	14.90	252	1563051	71.975	ng		98
89) Benzo(a)pyrene	15.24	252	744786	36.766	ng	#	94
90) Dibenzo(a,h)anthracene	16.70	278	145008	8.970	ng	#	88
91) Benzo(g,h,i)perylene	17.11	276	527226	32.376	ng		95

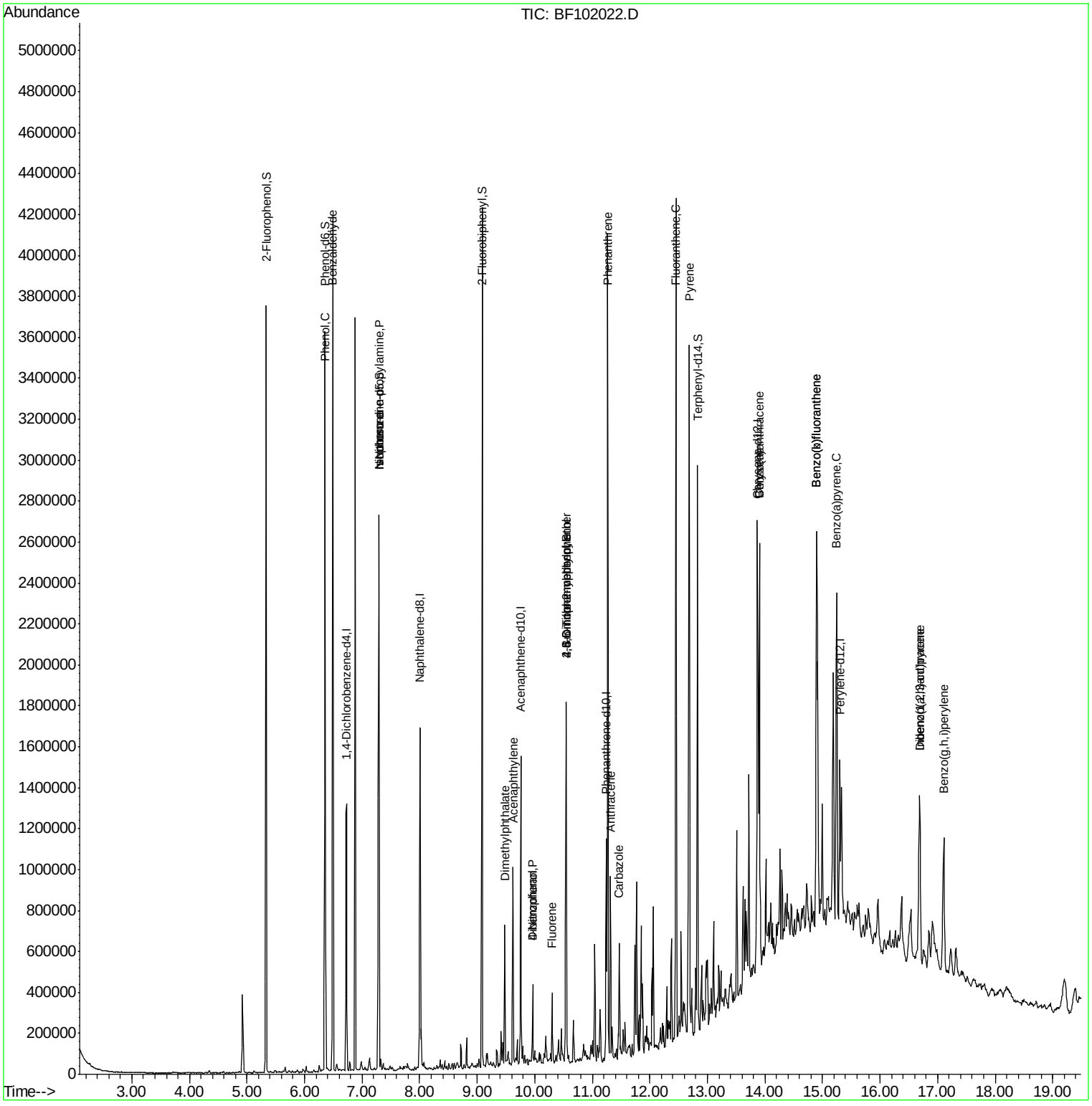
(#) = qualifier out of range (m) = manual integration (+) = signals summed

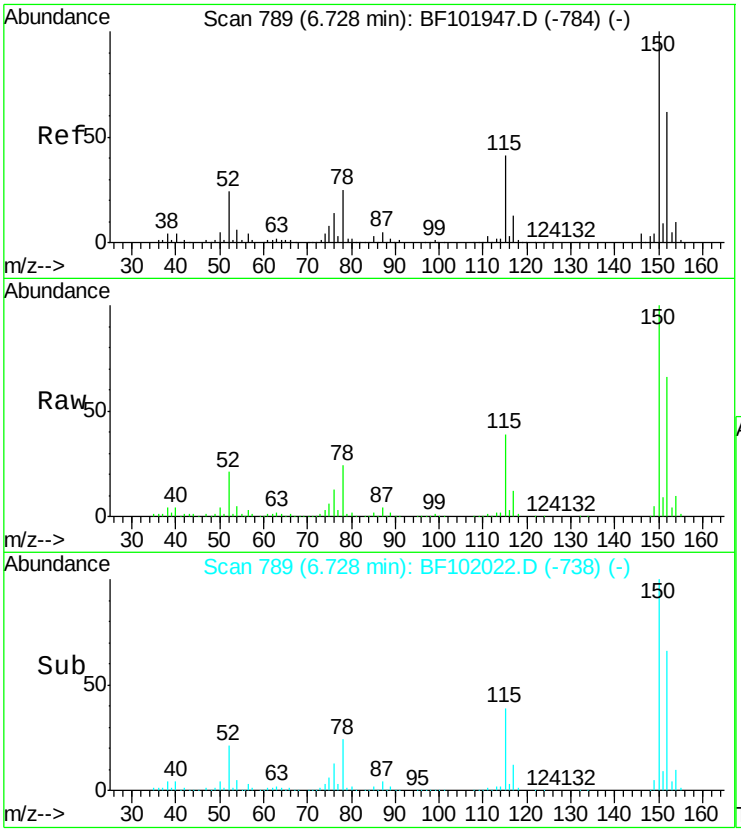
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011118\
Data File : BF102022.D
Acq On : 11 Jan 2018 16:59
Operator : SJ/JU
Sample : J1081-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Quant Time: Jan 11 17:31:47 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration



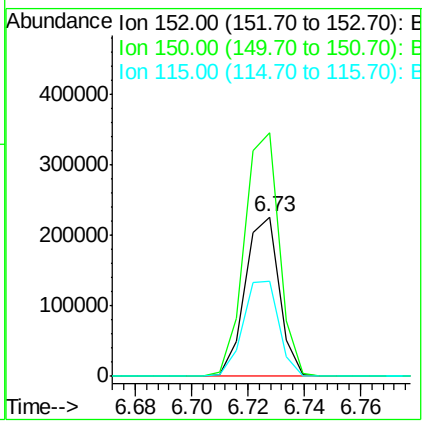


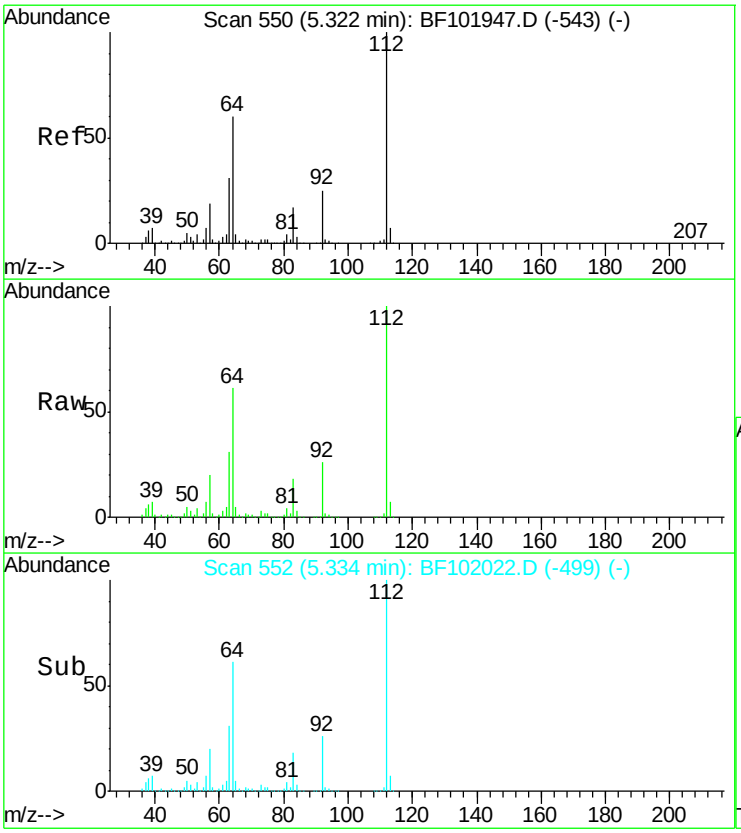
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Tgt Ion:152 Resp: 189669

Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	186.8
115	59.7	50.1	75.1

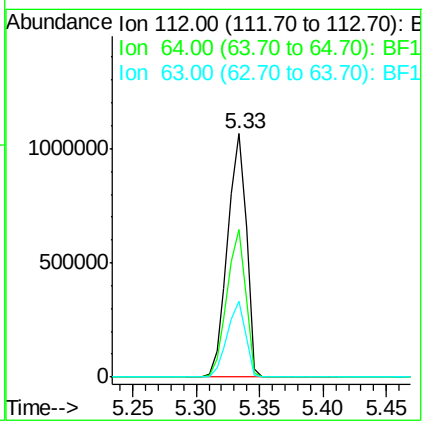


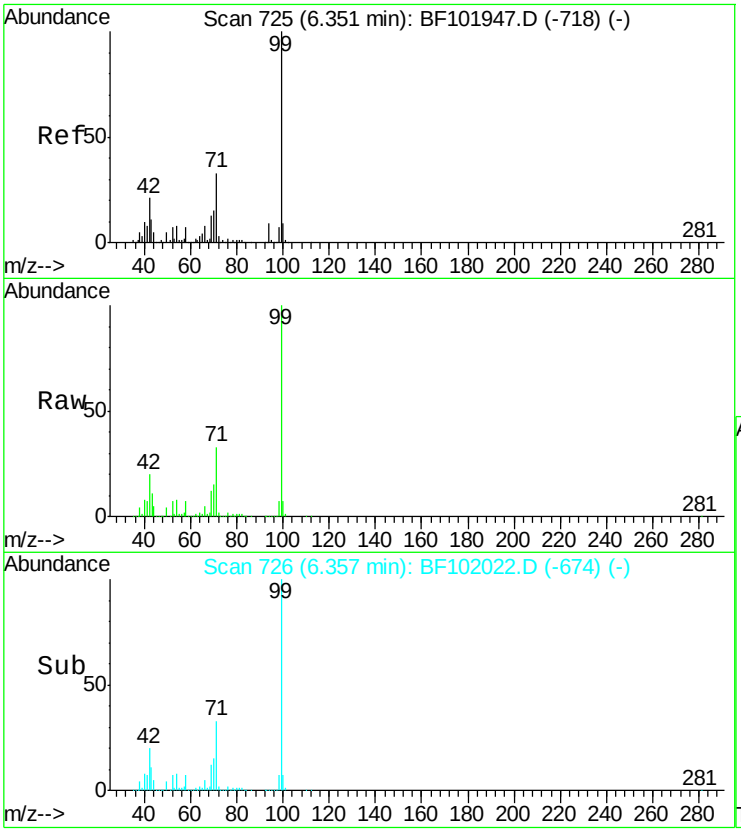


#5
2-Fluorophenol
Concen: 81.181 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Tgt Ion:112 Resp: 1090406

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	31.3	23.7	35.5



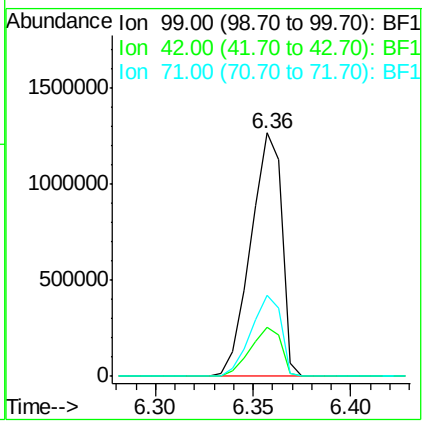


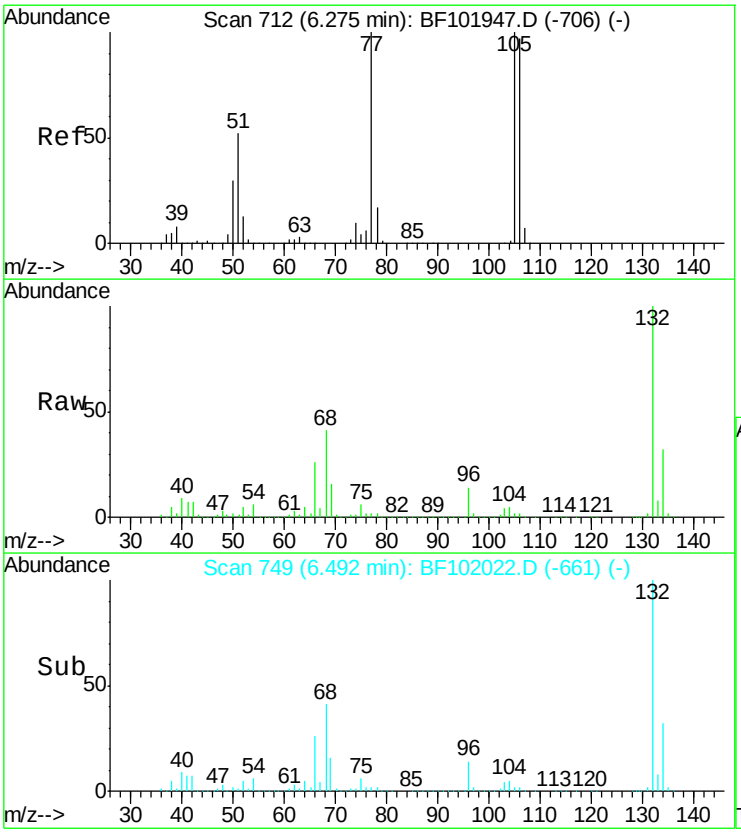
#7
Phenol-d6
Concen: 87.050 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Tgt Ion: 99 Resp: 1395032

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	33.5	25.4	38.0

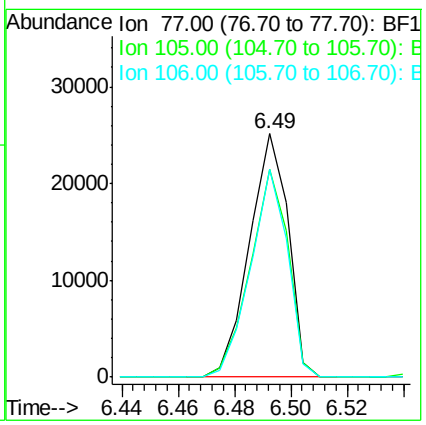


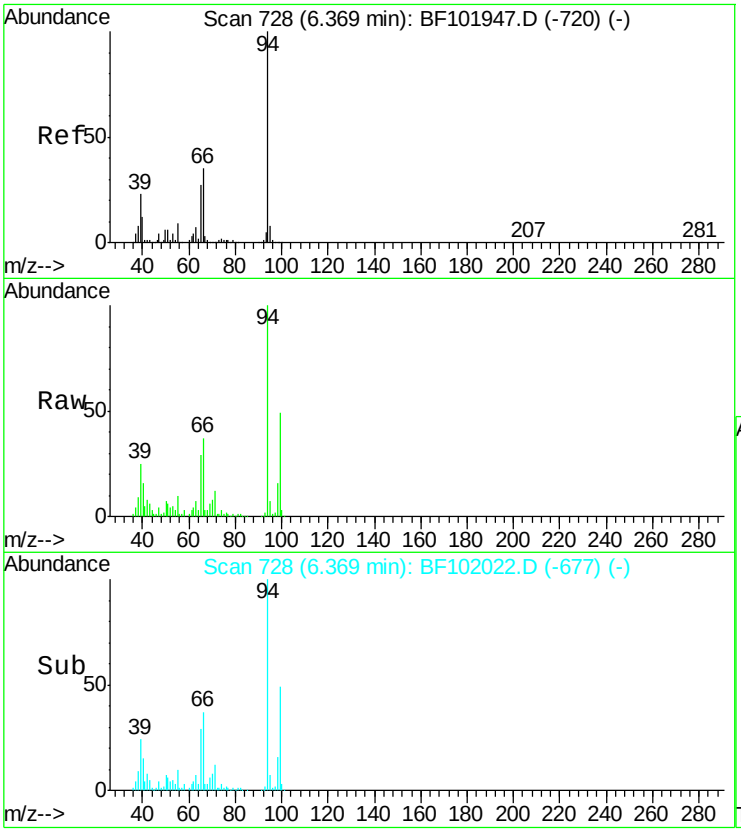


#9
Benzaldehyde
Concen: 2.149 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Tgt Ion: 77 Resp: 23917

Ion	Ratio	Lower	Upper
77	100		
105	85.2	81.1	121.1
106	85.1	74.5	114.5



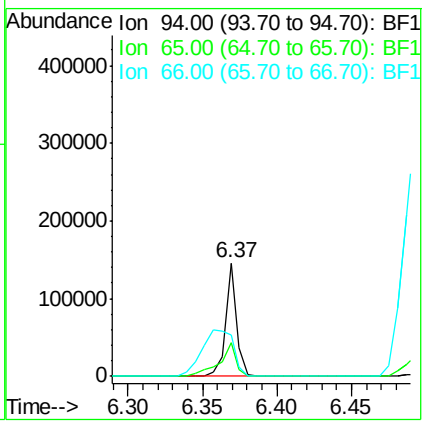


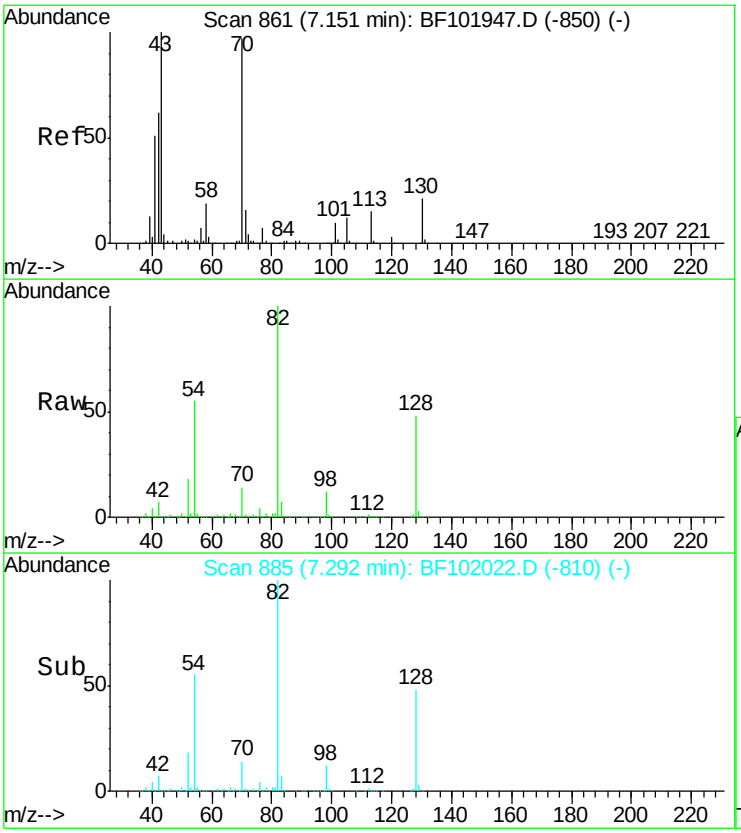
#10
Phenol
Concen: 4.304 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Tgt Ion: 94 Resp: 77942

Ion	Ratio	Lower	Upper
94	100		
65	29.2	7.9	47.9
66	36.7	16.2	56.2

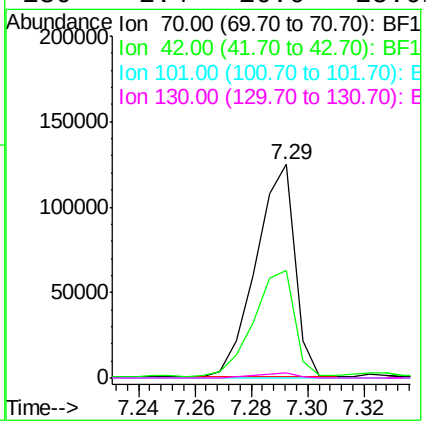


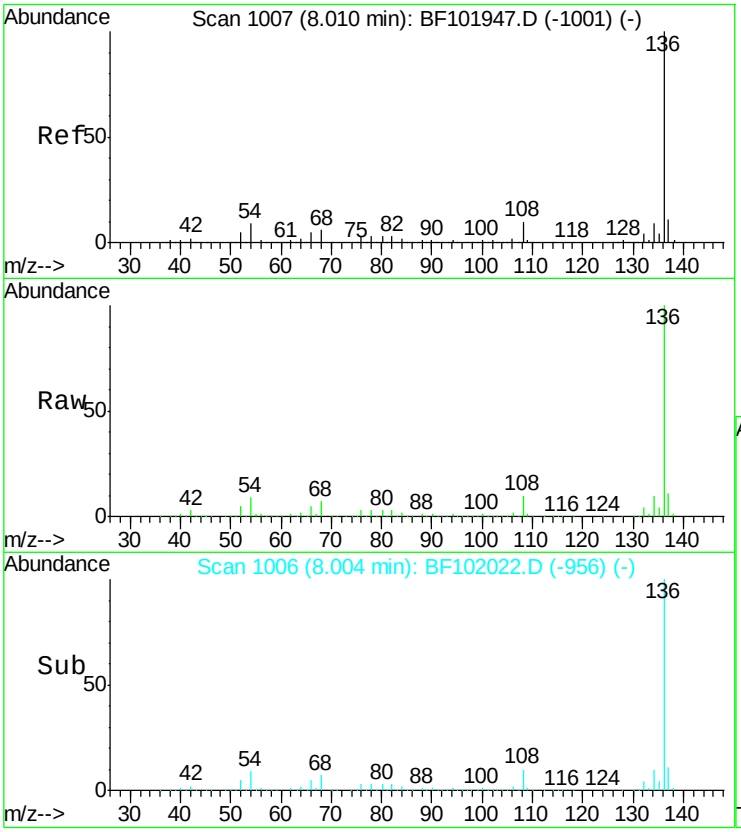


#19
n-Nitroso-di-n-propylamine
Concen: 11.361 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Tgt Ion: 70 Resp: 119311

Ion	Ratio	Lower	Upper
70	100		
42	50.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



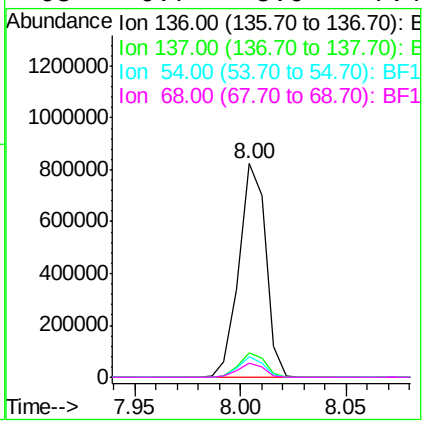


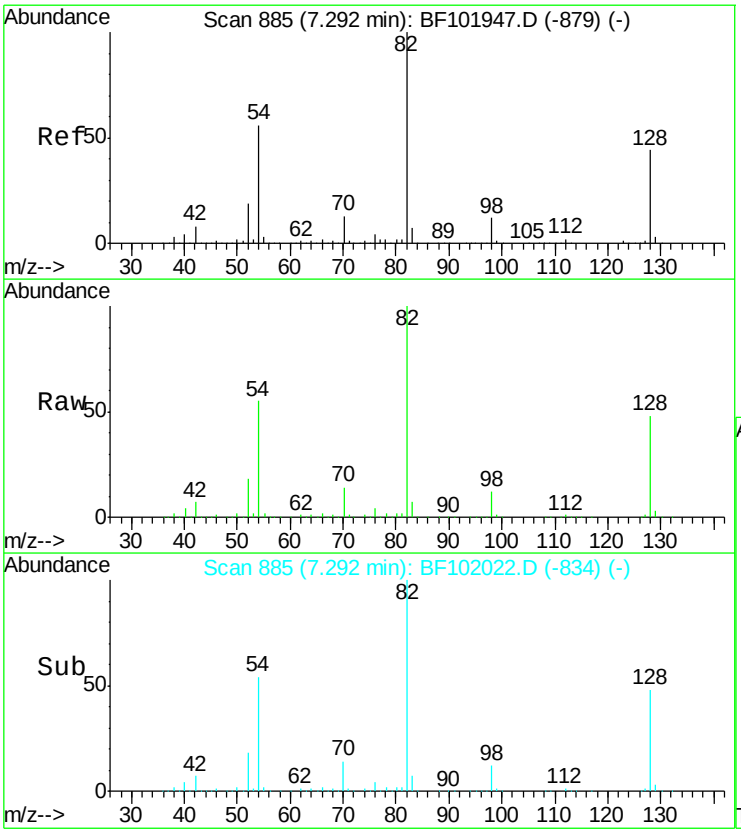
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Tgt Ion:136 Resp: 723630

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.5	6.6	9.8
68	6.7	5.0	7.4

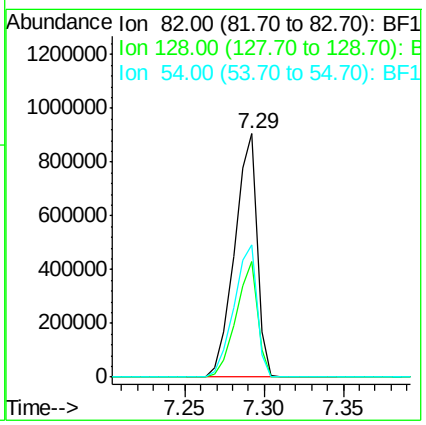


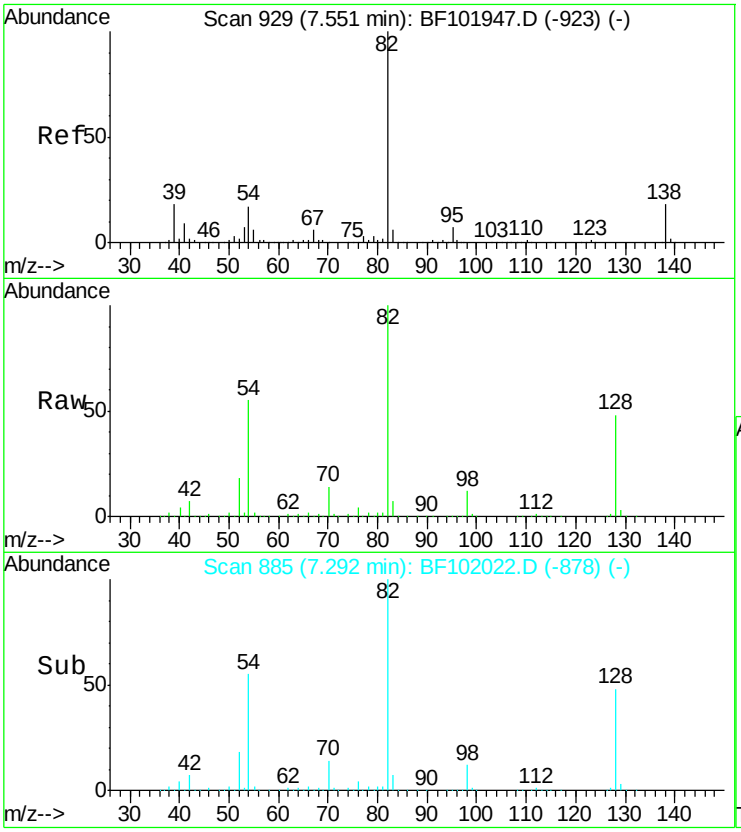


#23
Nitrobenzene-d5
Concen: 72.261 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Tgt Ion: 82 Resp: 889832

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	54.5	41.4	62.2



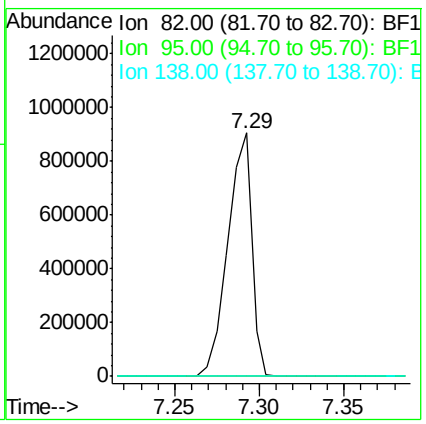


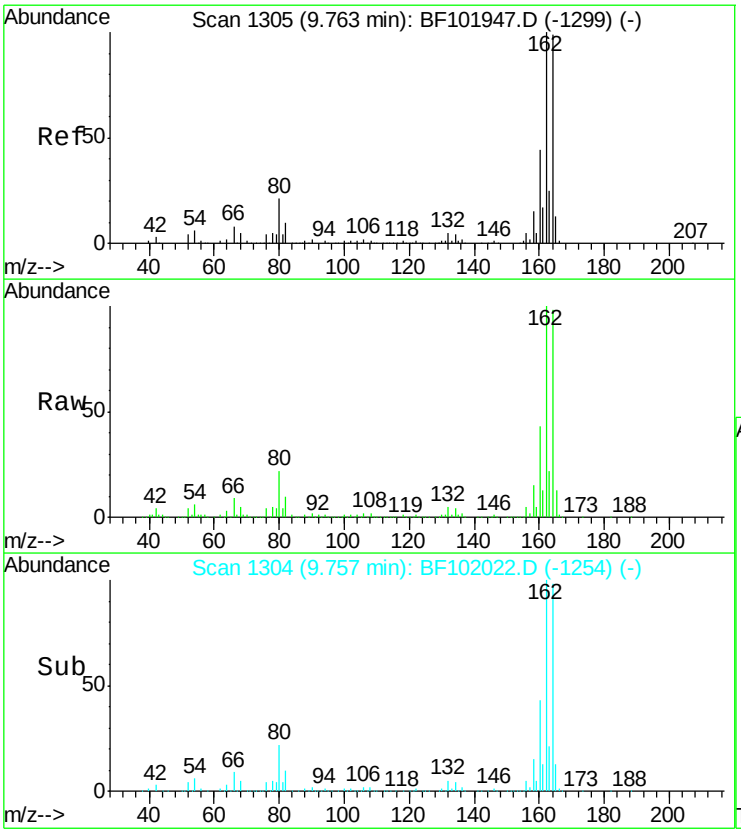
#25
Isophorone
Concen: 36.570 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Tgt Ion: 82 Resp: 889811

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

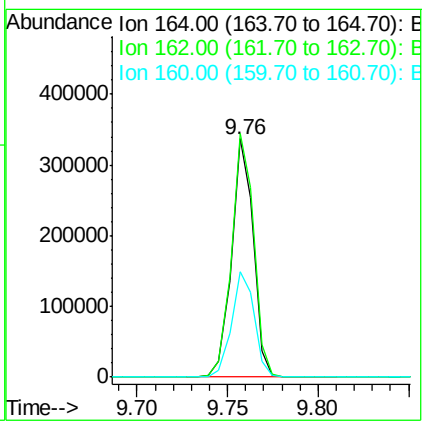


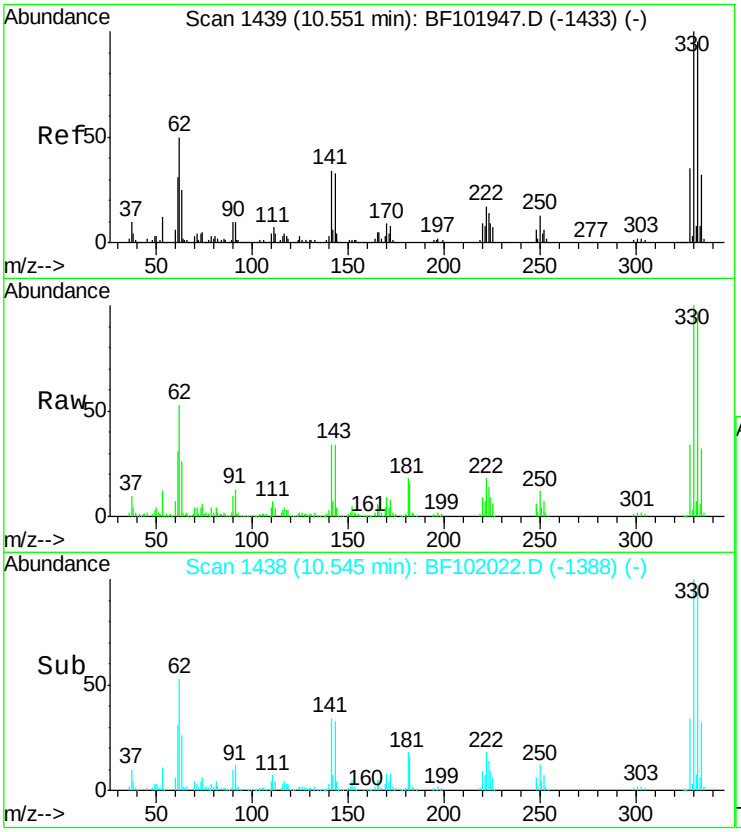


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Tgt Ion:164 Resp: 280269

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	44.3	38.3	57.5



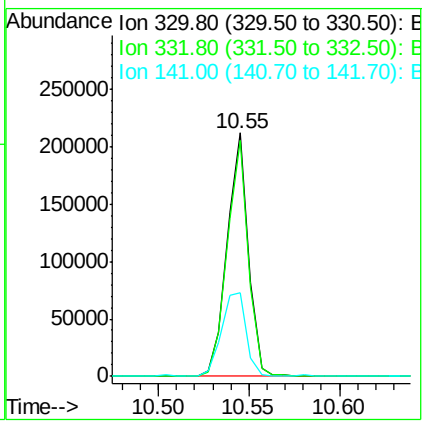


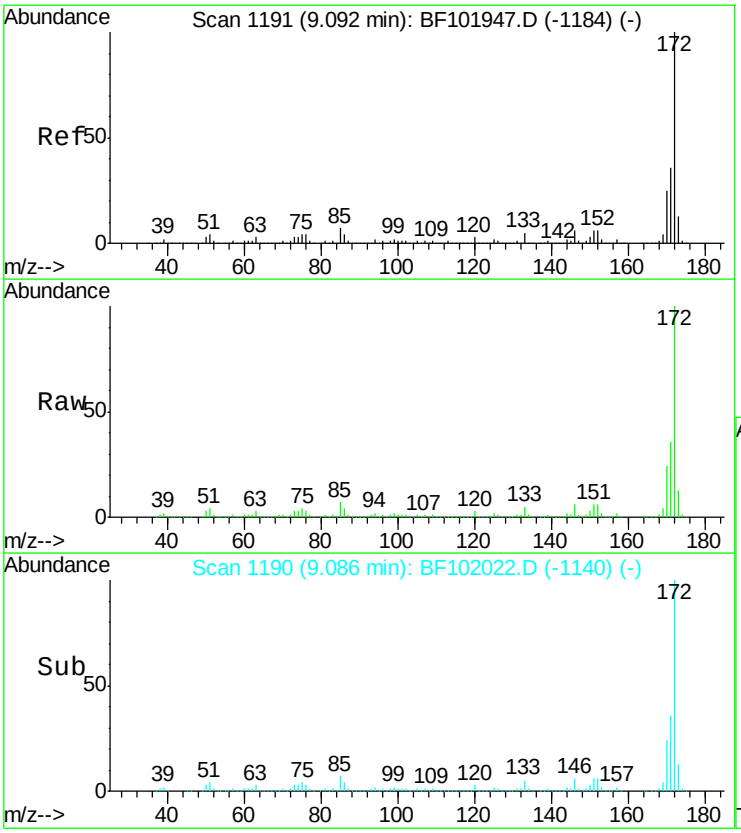
#41
2,4,6-Tribromophenol
Concen: 71.080 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Tgt Ion:330 Resp: 173853

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	39.0	29.9	44.9

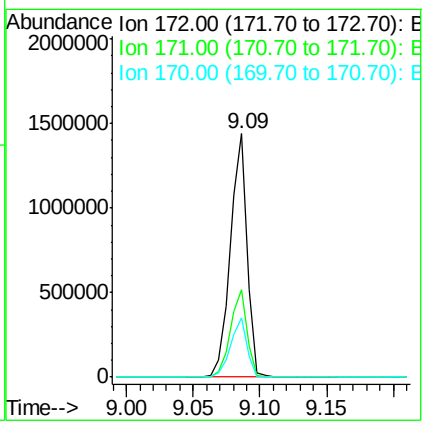


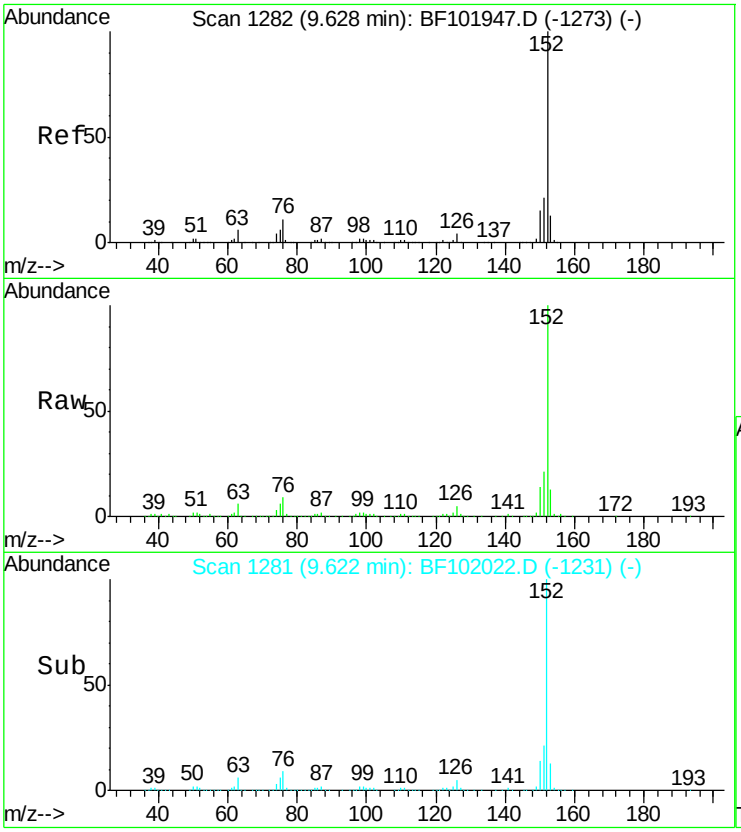


#44
2-Fluorobiphenyl
Concen: 71.271 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Tgt Ion:172 Resp: 1278599

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	19.6	29.4



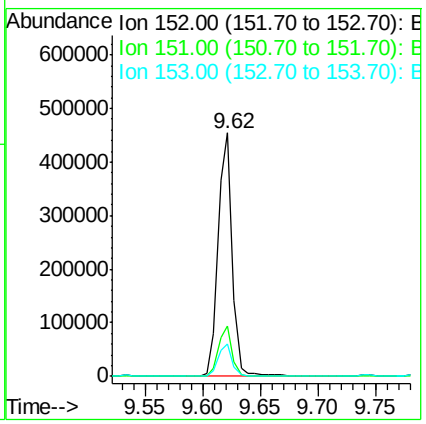


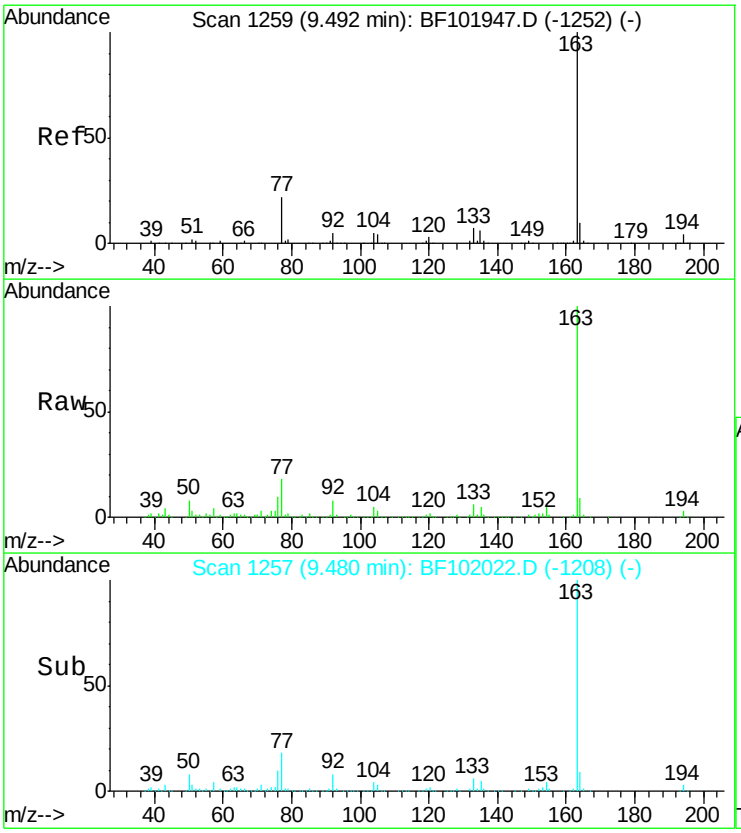
#48
Acenaphthylene
Concen: 12.679 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Tgt Ion:152 Resp: 386546

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.3	10.7	16.1

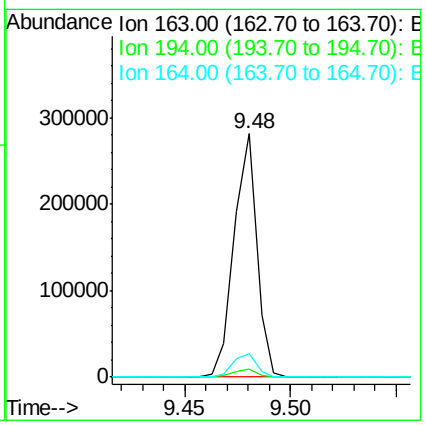


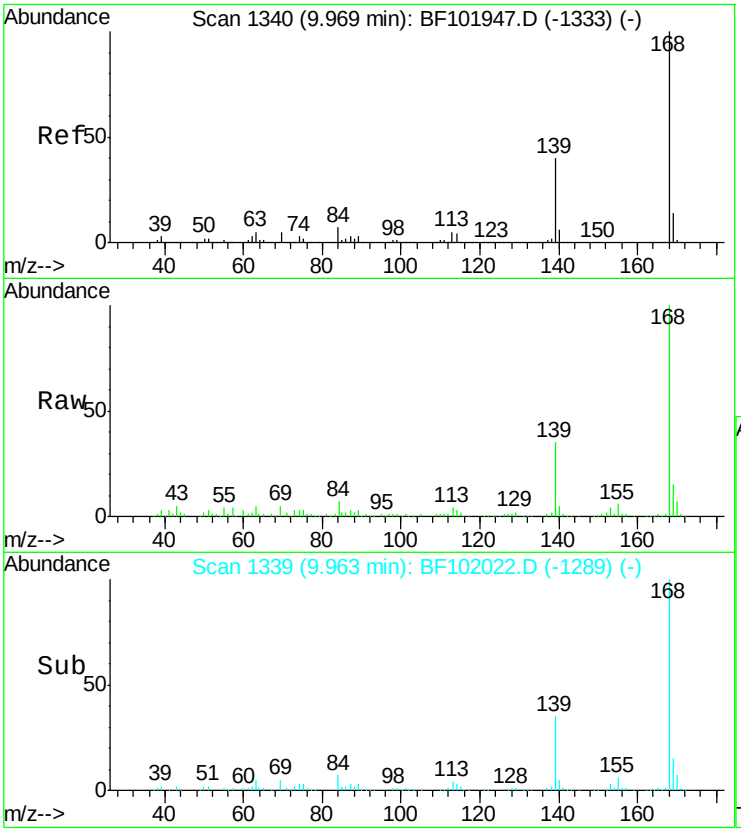


#49
Dimethylphthalate
Concen: 9.321 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Tgt Ion:163 Resp: 209564

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.5	8.2	12.2



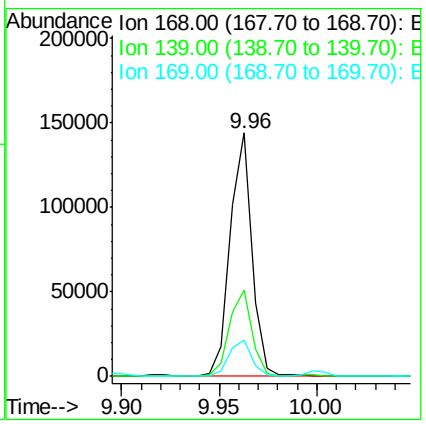


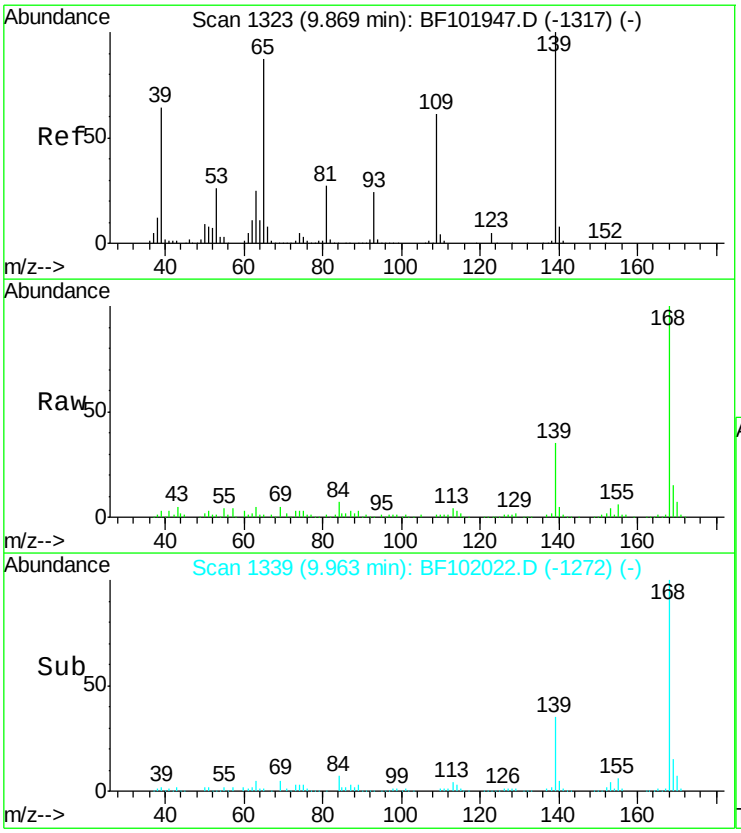
#54
Dibenzofuran
Concen: 4.420 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Tgt Ion:168 Resp: 112251

Ion	Ratio	Lower	Upper
168	100		
139	35.3	30.1	45.1
169	14.8	10.9	16.3

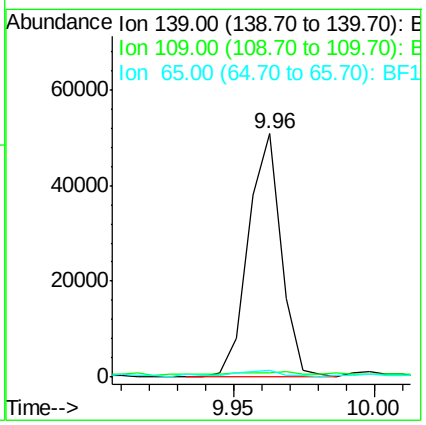


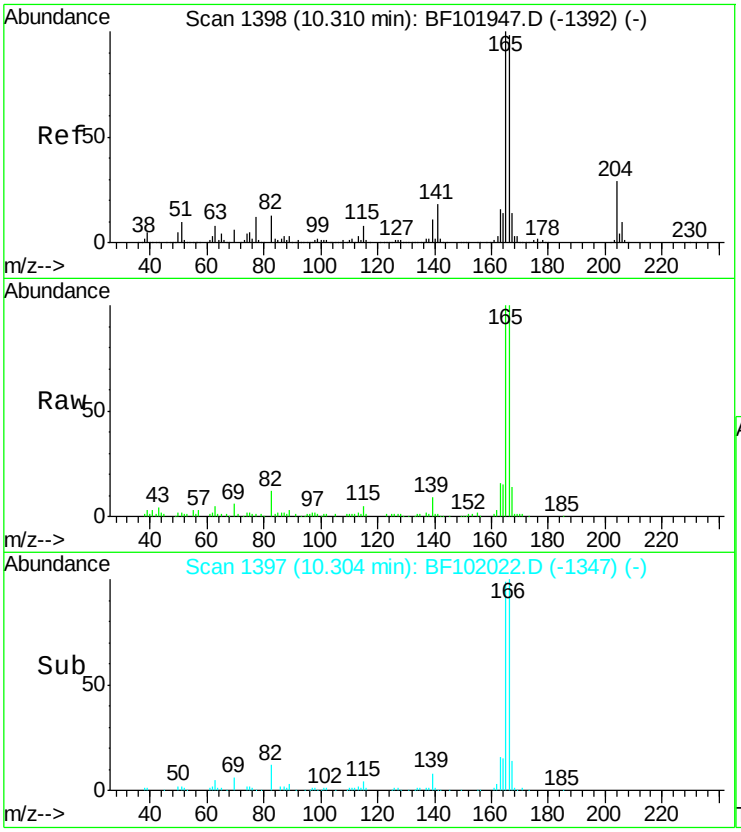


#55
4-Nitrophenol
Concen: 9.702 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.09 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Tgt Ion:139 Resp: 40980

Ion	Ratio	Lower	Upper
139	100		
109	1.7	48.4	88.4#
65	2.6	72.6	112.6#



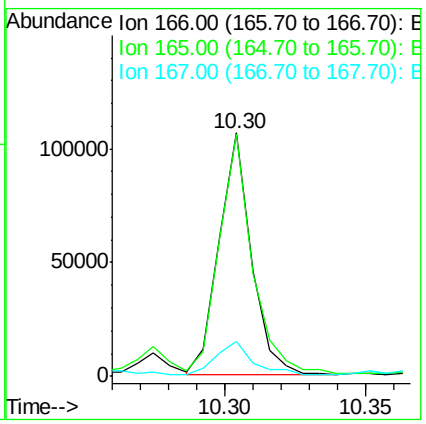


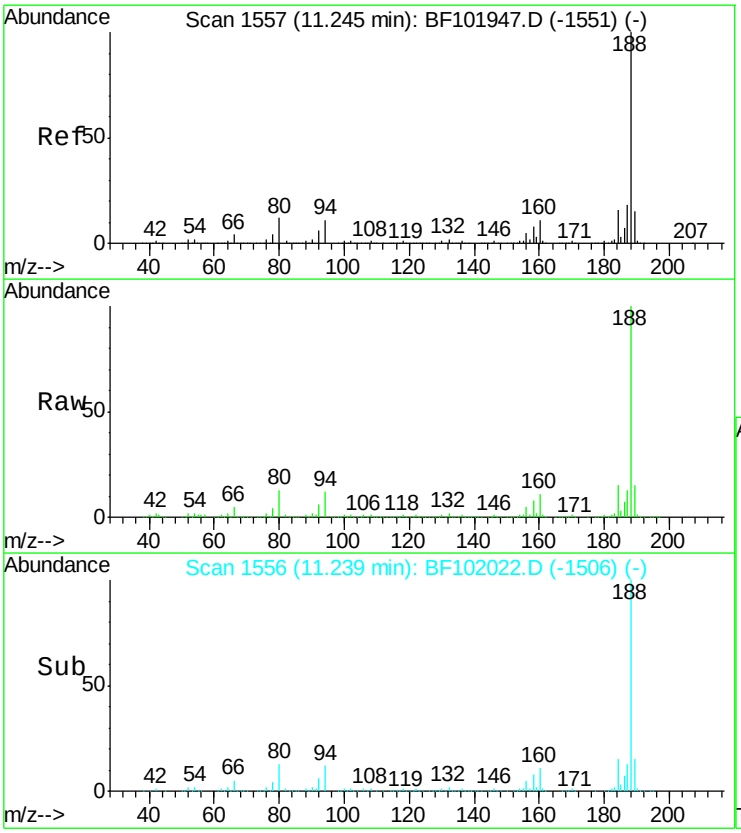
#57
Fluorene
Concen: 4.824 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Tgt Ion:166 Resp: 84695

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	14.2	10.6	16.0

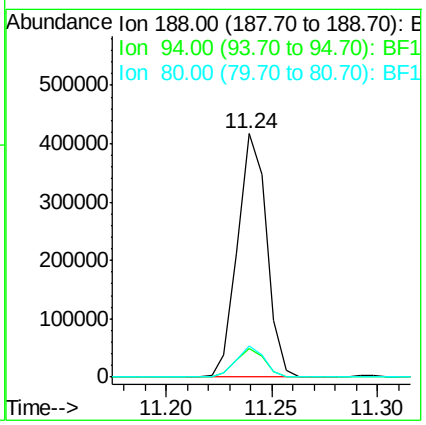


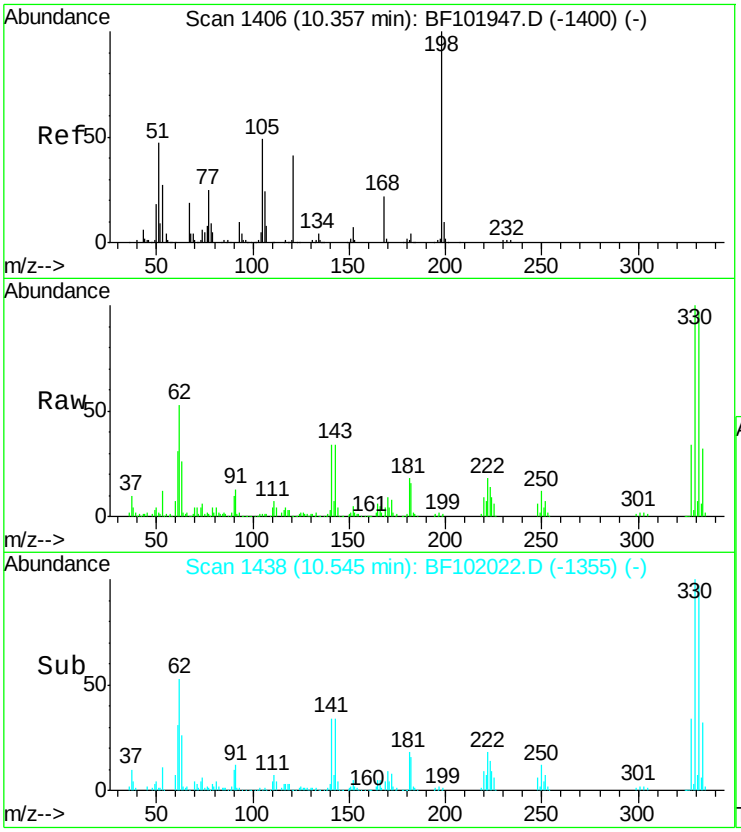


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Tgt Ion:188 Resp: 398186

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	13.0	9.2	13.8



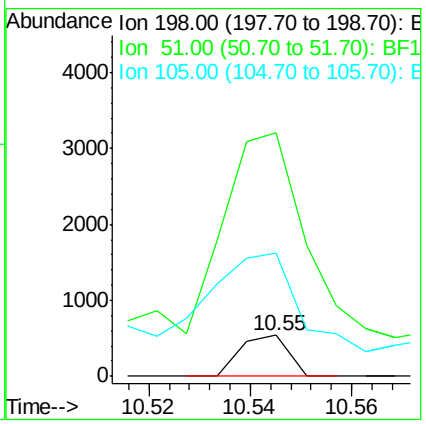


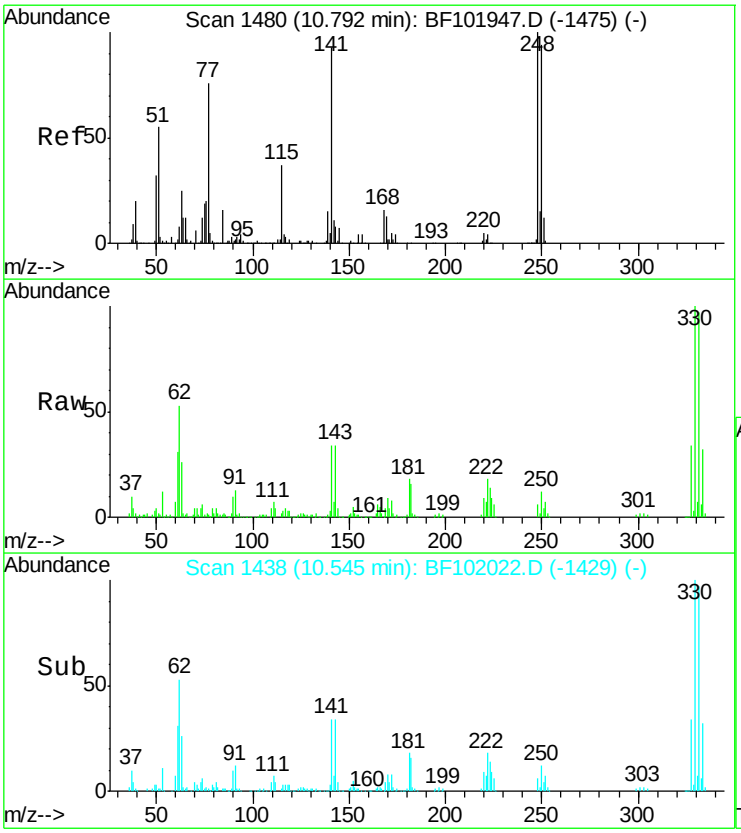
#64
4,6-Dinitro-2-methylphenol
Concen: 5.805 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Tgt Ion:198 Resp: 351

Ion	Ratio	Lower	Upper
198	100		
51	593.7	37.7	77.7#
105	299.6	36.3	76.3#

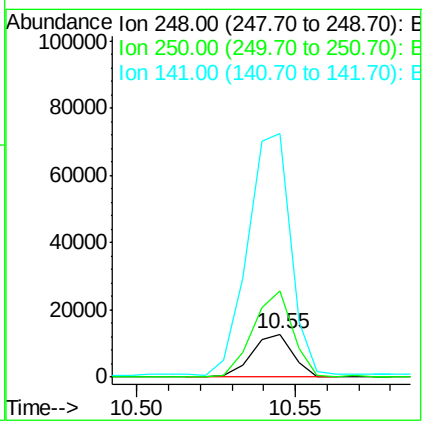


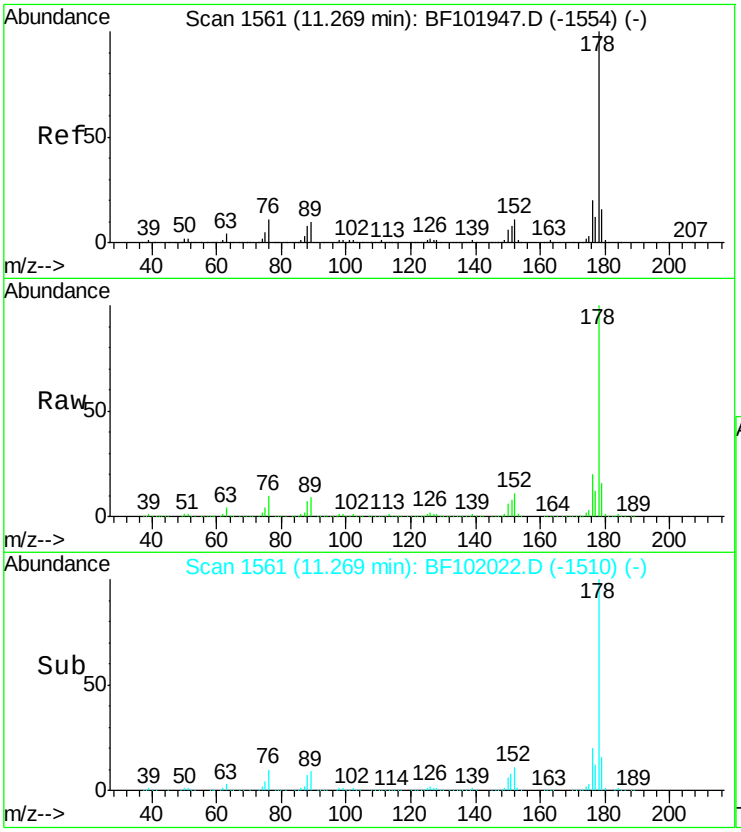


#66
4-Bromophenyl-phenylether
Concen: 2.729 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Tgt Ion:248 Resp: 11476

Ion	Ratio	Lower	Upper
248	100		
250	201.0	76.9	115.3#
141	564.6	74.4	111.6#



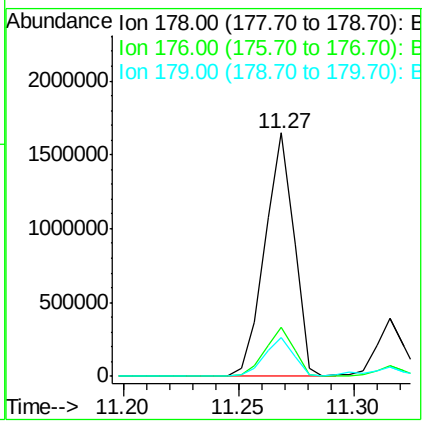


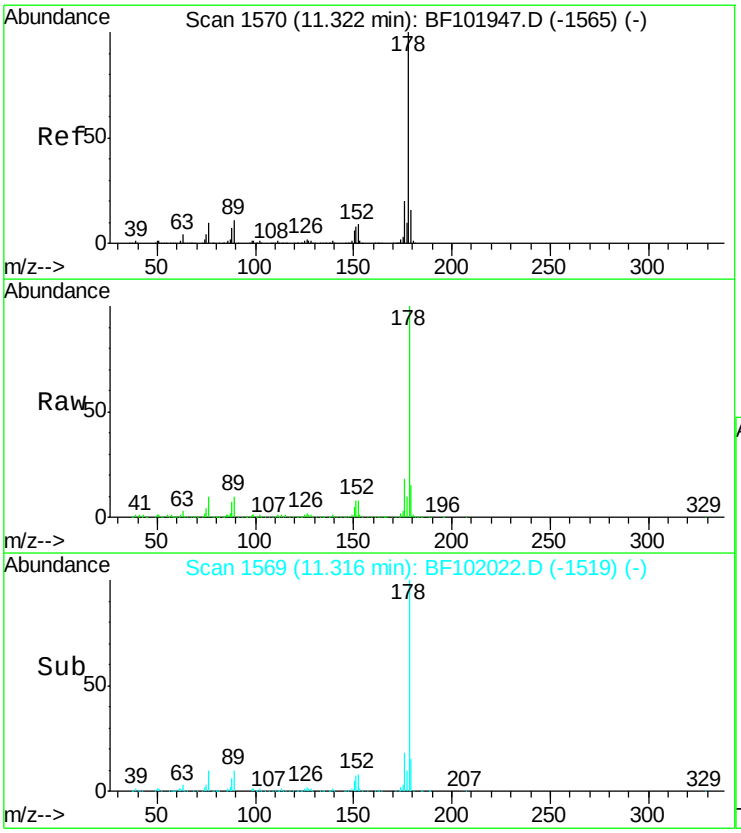
#70
Phenanthrene
Concen: 62.440 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Tgt Ion:178 Resp: 1452306

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	16.1	13.0	19.6

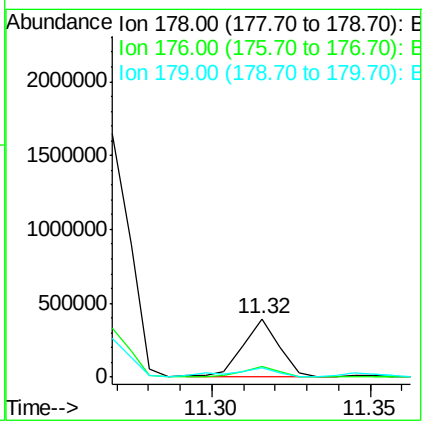


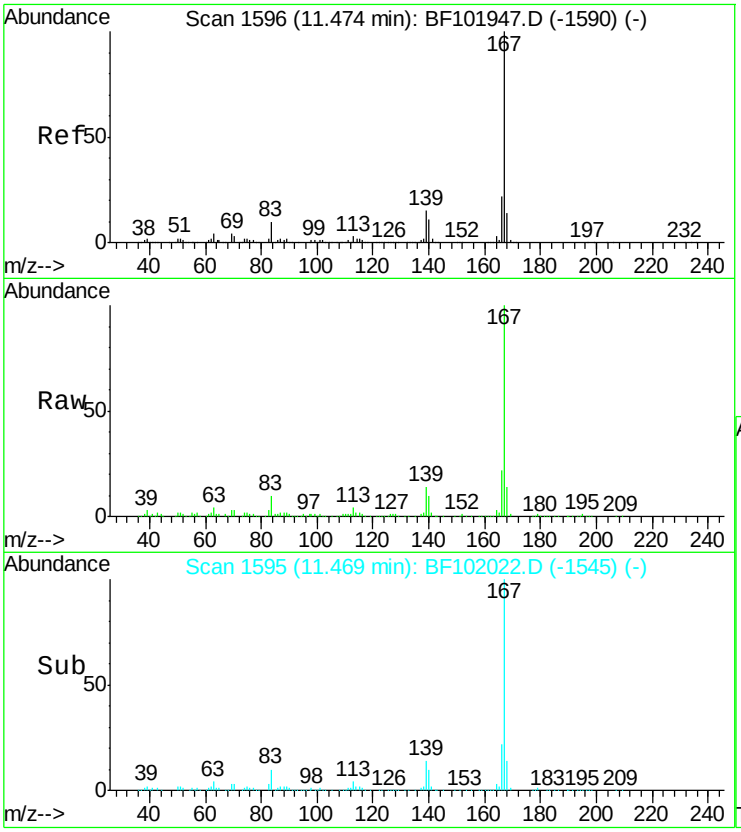


#71
Anthracene
Concen: 12.873 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Tgt Ion:178 Resp: 303660

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.0	12.6	19.0



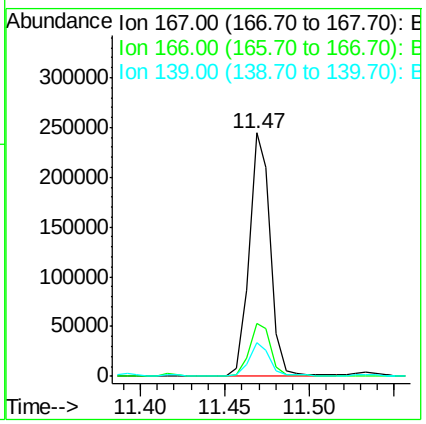


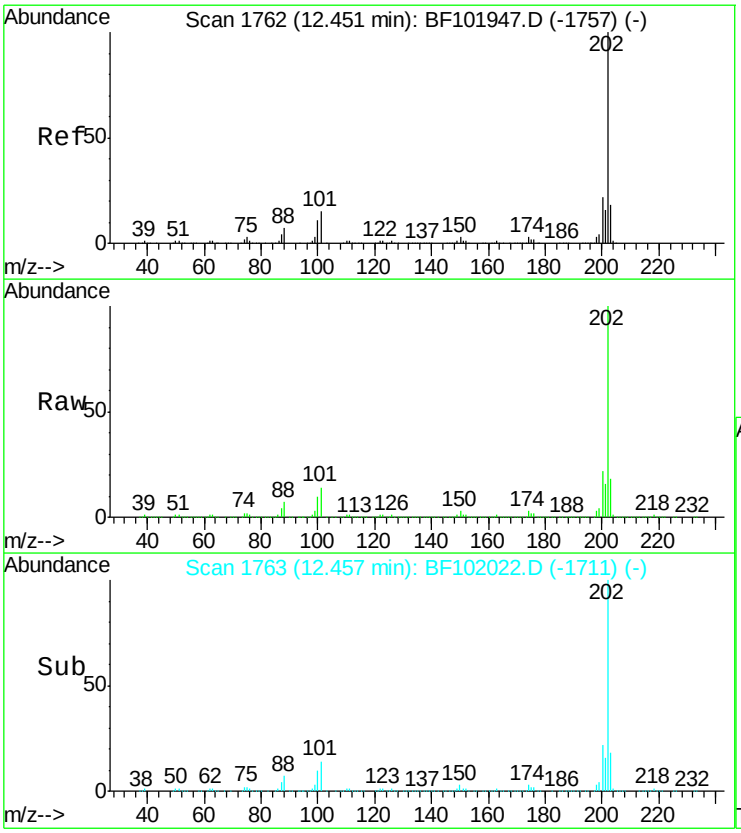
#72
Carbazole
Concen: 9.221 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Tgt Ion:167 Resp: 213805

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.7	10.9	16.3

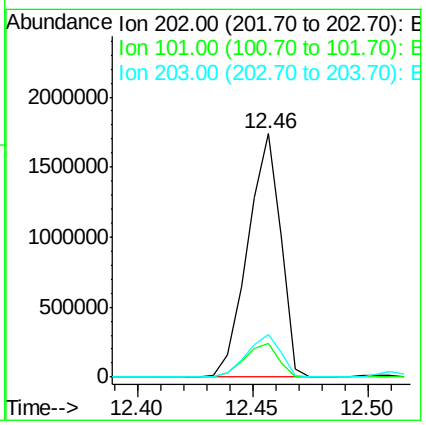


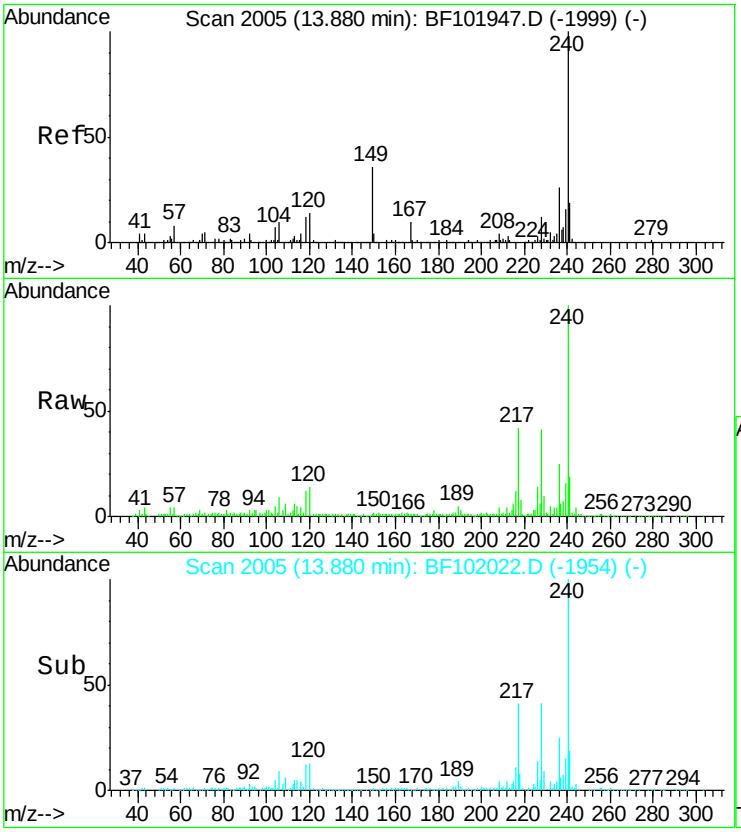


#74
Fluoranthene
Concen: 75.761 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Tgt Ion:202 Resp: 1733734

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.1
203	17.8	0.0	38.1



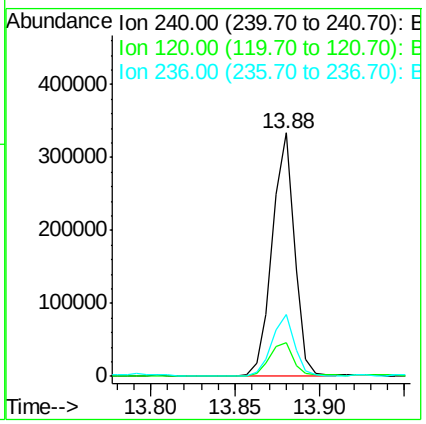


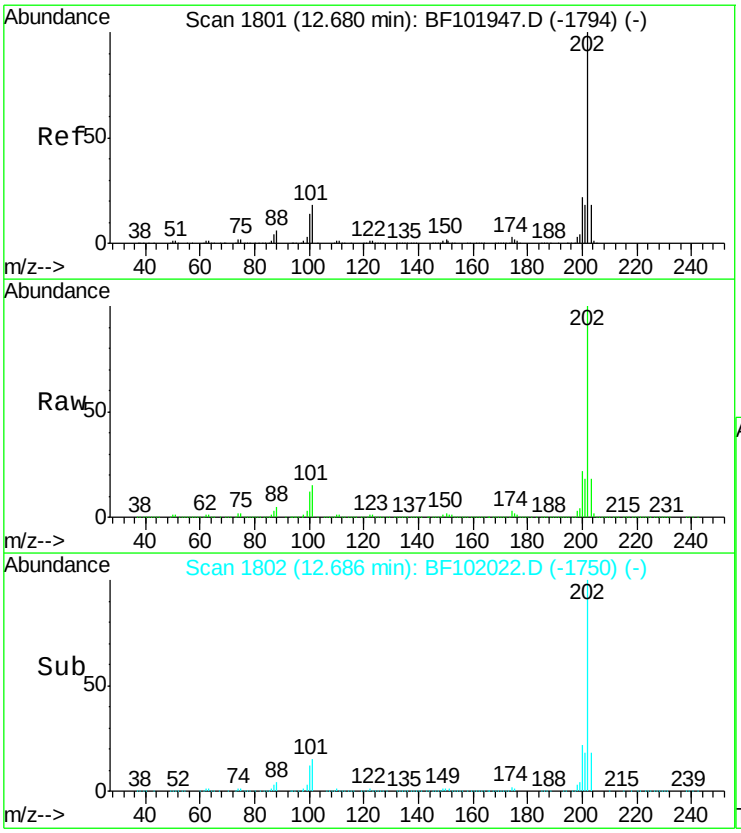
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Tgt Ion:240 Resp: 301967

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	25.4	20.7	31.1

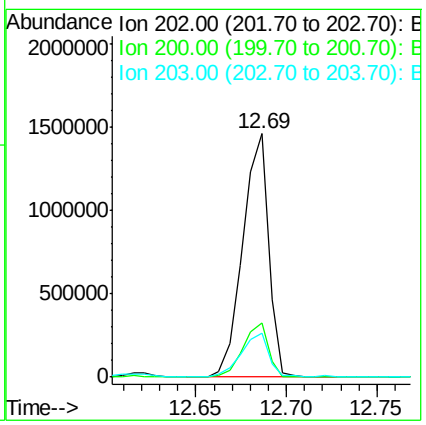


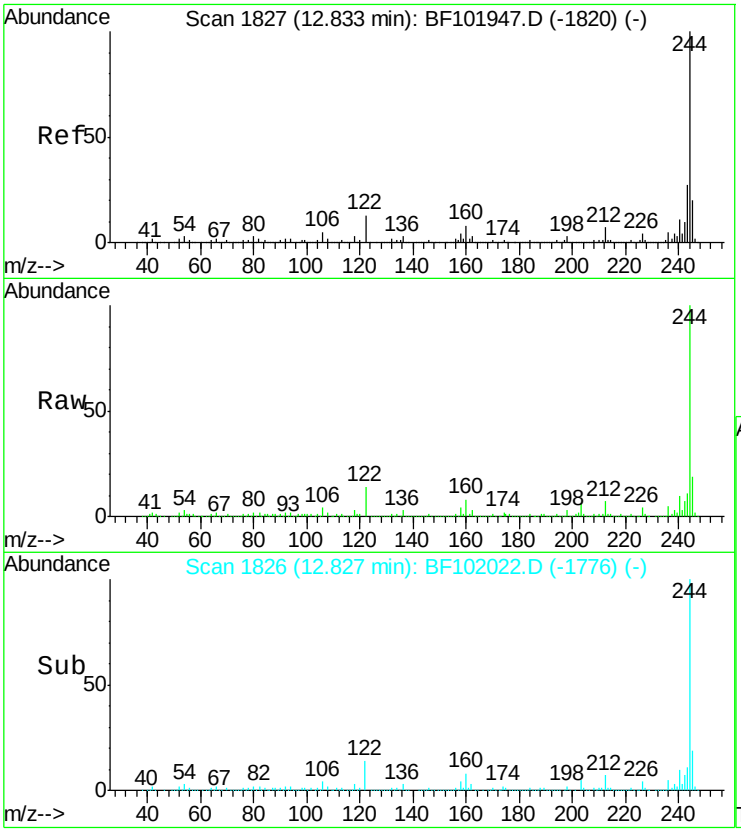


#77
Pyrene
Concen: 54.144 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Tgt Ion:202 Resp: 1445206

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.0	14.3	21.5



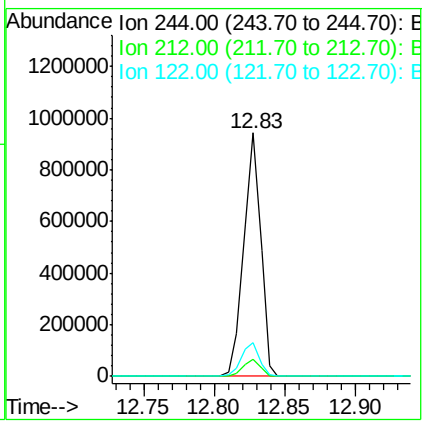


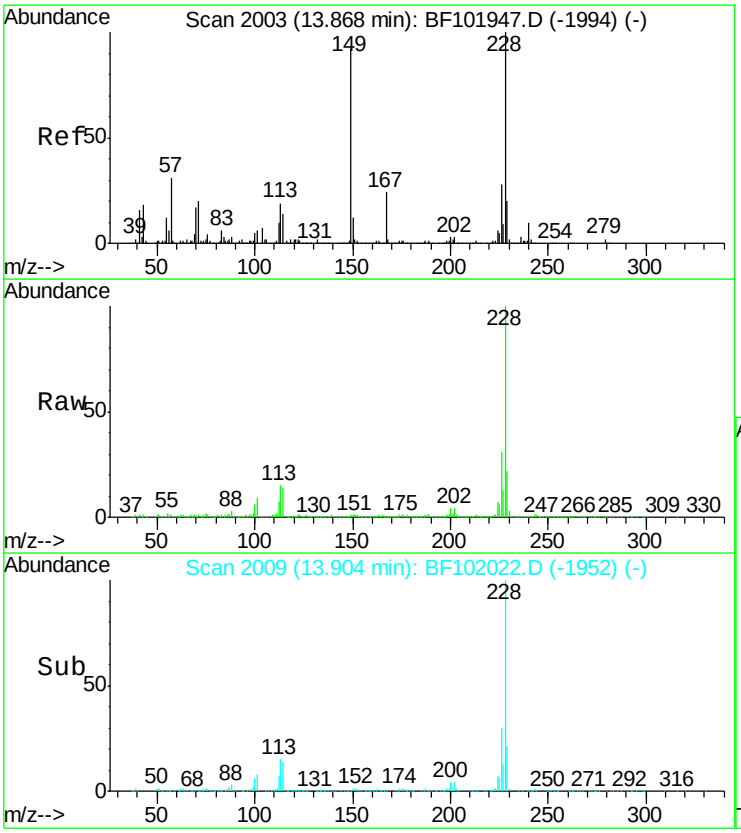
#78
Terphenyl-d14
Concen: 54.715 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Tgt Ion:244 Resp: 795756

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.7	11.0	16.4

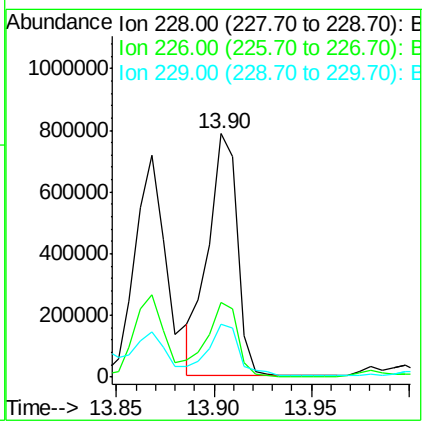


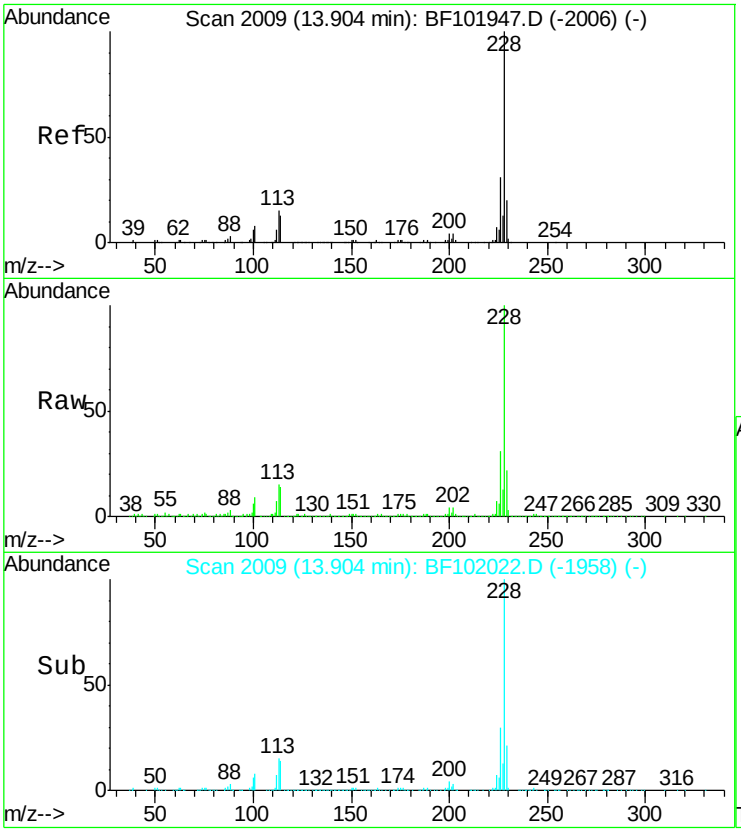


#80
Benzo(a)anthracene
Concen: 42.580 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.04 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Tgt Ion:228 Resp: 820352

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	21.8	15.8	23.6



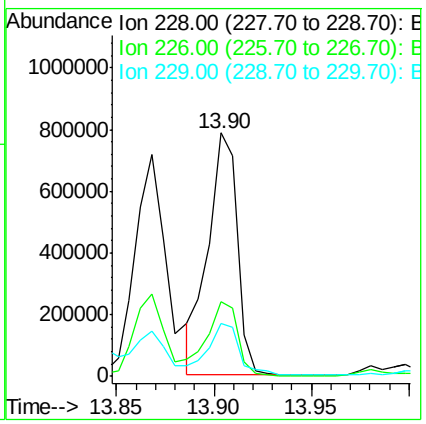


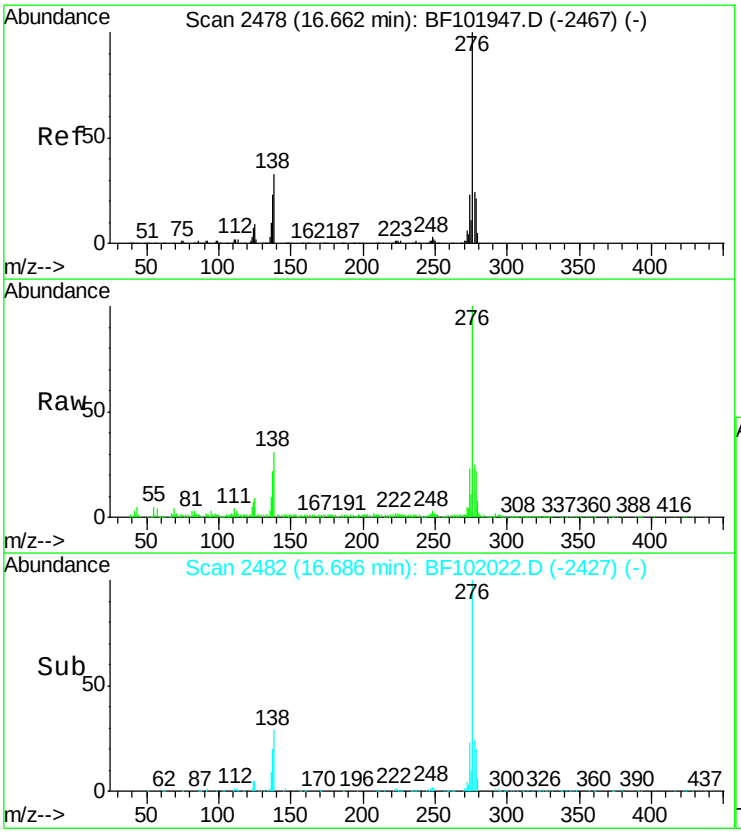
#82
Chrysene
Concen: 40.835 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Tgt Ion:228 Resp: 820352

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.8	16.2	24.4

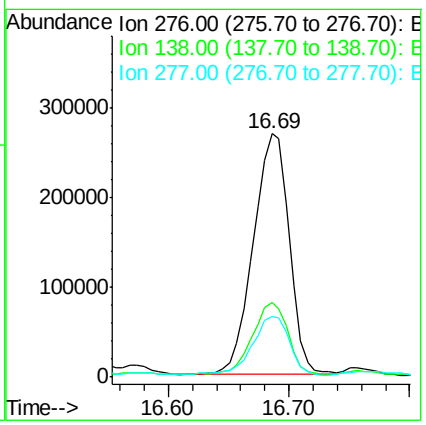


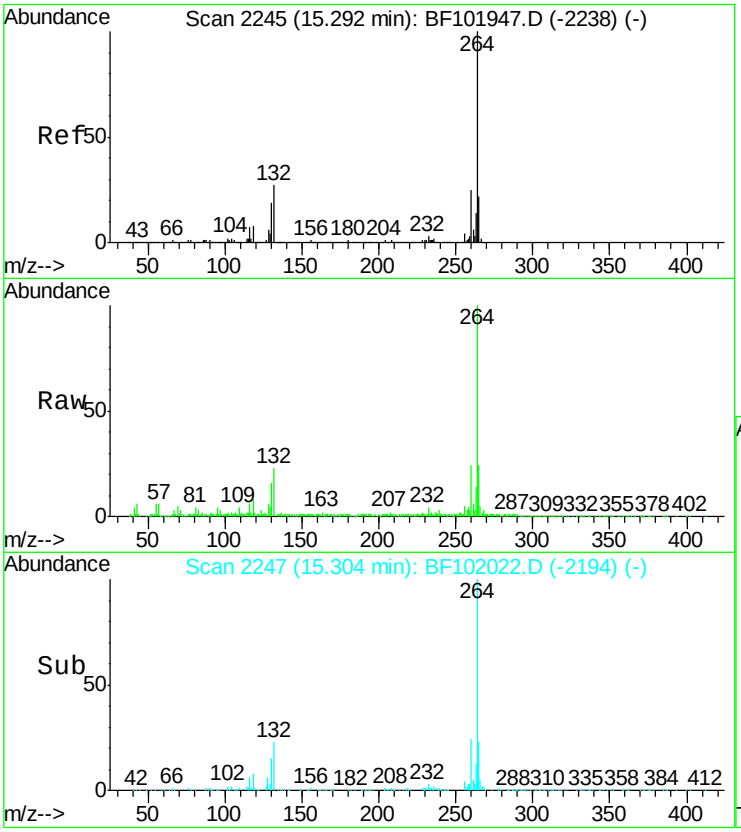


#85
Indeno(1,2,3-cd)pyrene
Concen: 37.827 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.02 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Tgt Ion:276 Resp: 553101

Ion	Ratio	Lower	Upper
276	100		
138	30.4	25.0	37.6
277	25.7	20.1	30.1



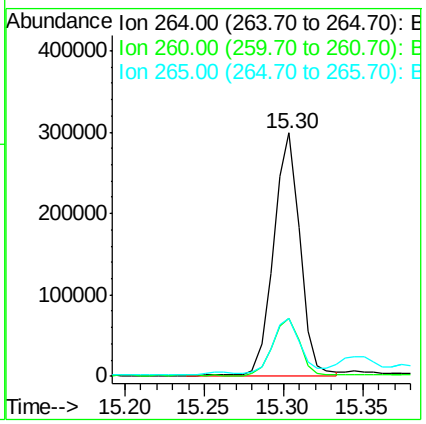


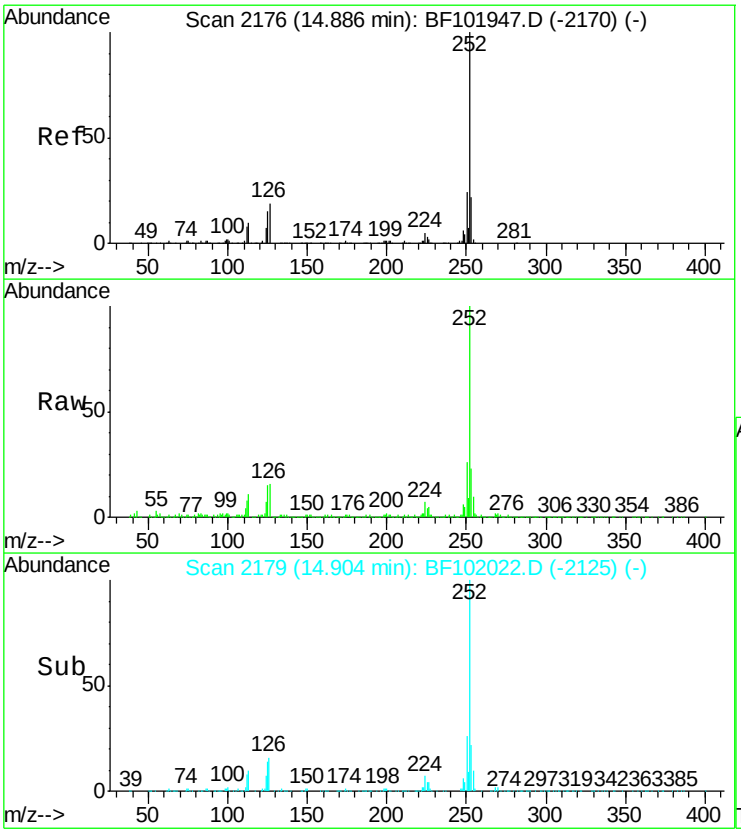
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Tgt Ion:264 Resp: 345257

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	23.9	17.5	26.3

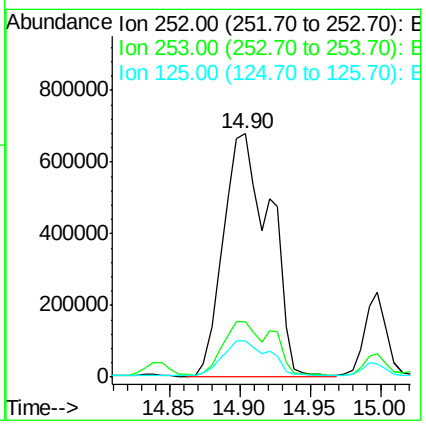


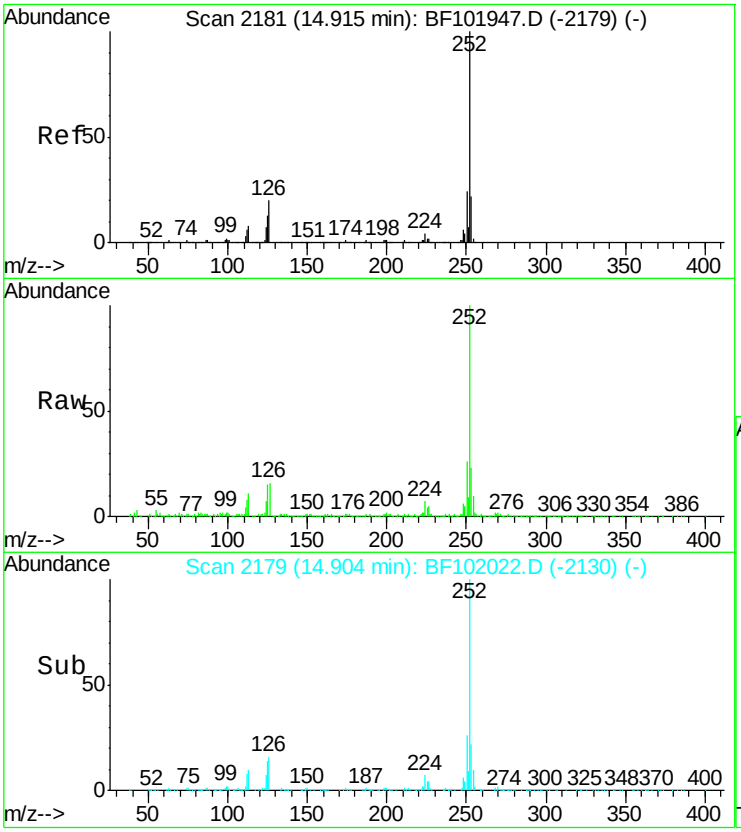


#87
Benzo(b)fluoranthene
Concen: 69.432 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.02 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Tgt Ion:252 Resp: 1563051

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	14.9	9.0	13.6#



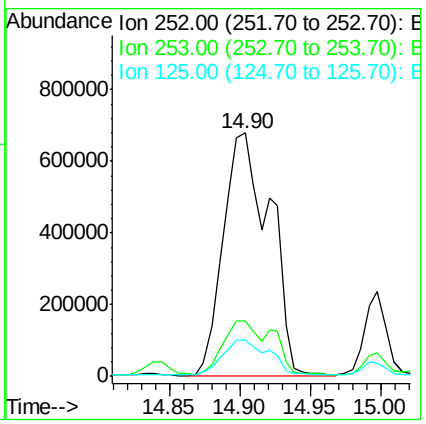


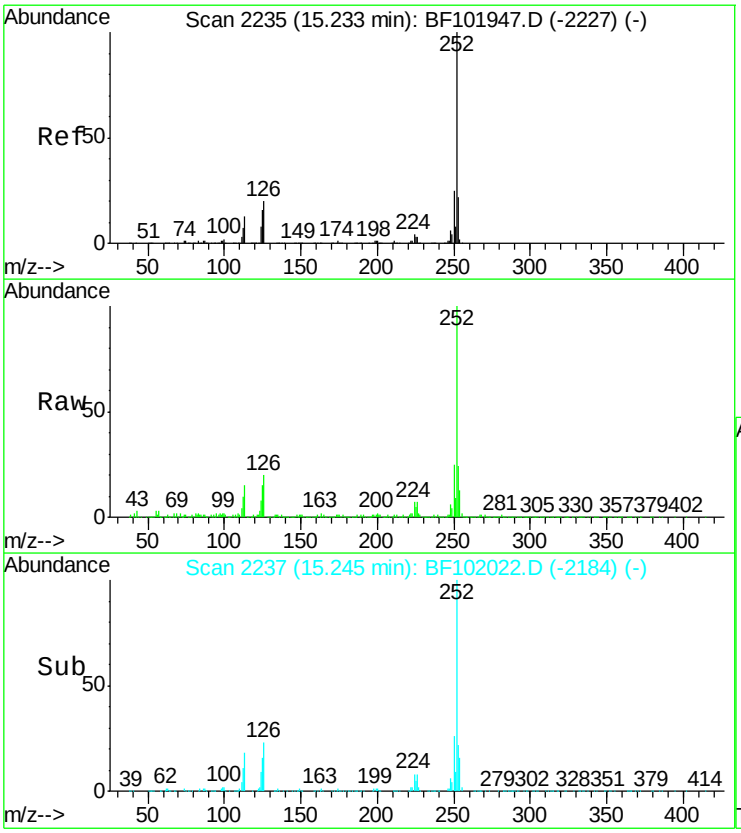
#88
Benzo(k)fluoranthene
Concen: 71.975 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Tgt Ion:252 Resp: 1563051

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	14.9	10.2	15.2

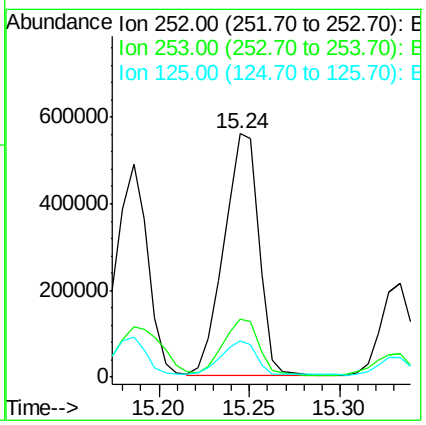


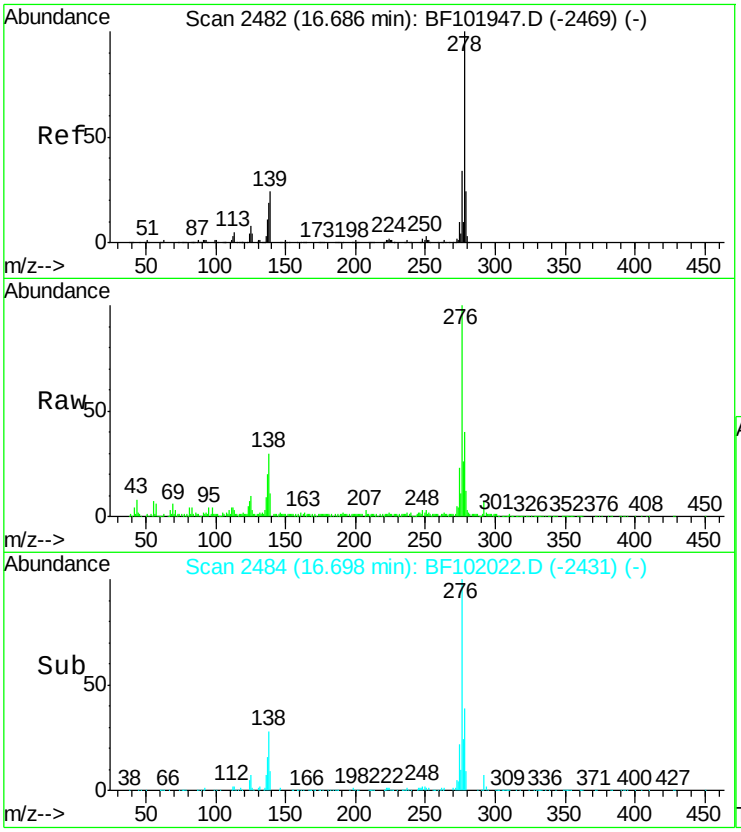


#89
Benzo(a)pyrene
Concen: 36.766 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Tgt Ion:252 Resp: 744786

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	15.1	9.8	14.6#



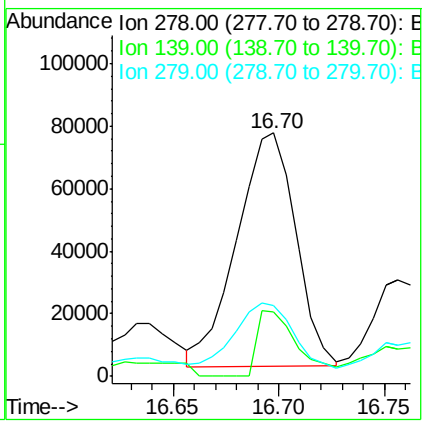


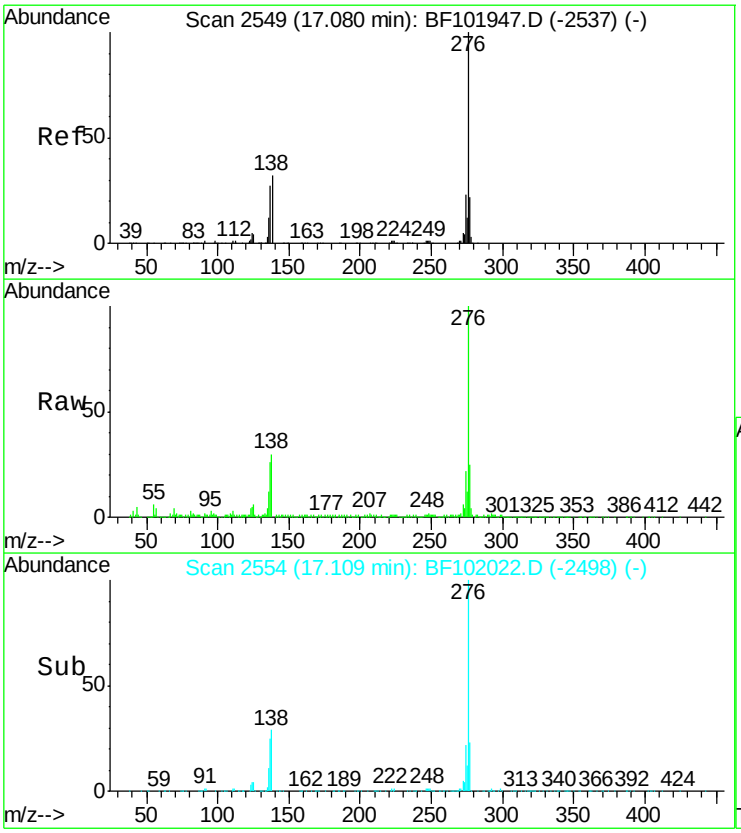
#90
Dibenzo(a,h)anthracene
Concen: 8.970 ng
RT: 16.70 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(0-5)

Tgt Ion:278 Resp: 145008

Ion	Ratio	Lower	Upper
278	100		
139	26.2	15.9	23.9#
279	29.0	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 32.376 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.03 min
Lab File: BF102022.D
Acq: 11 Jan 2018 16:59

Tgt Ion:276 Resp: 527226

Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	29.8	21.8	32.8