Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103342.D
Acq On : 1 Mar 2018 17:43
Operator : SJ/JU
Sample : J1721-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 02 09:27:09 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	145224	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	554811	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	201109	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	312636	20.00	ng		0.00
75) Chrysene-d12	14.06	240	192586	20.00	ng		0.00
86) Perylene-d12	15.57	264	135517	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	918872	95.70	ng		0.01
7) Phenol-d6	6.52	99	1097441	93.40	ng		0.00
23) Nitrobenzene-d5	7.45	82	681574	70.16	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	138290	81.24	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	899261	74.85	ng		0.00
78) Terphenyl-d14	13.00	244	616425	76.94	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	763	Below Cal		#	86
19) n-Nitroso-di-n-propylamine	7.45	70	95553	13.067	ng	#	85
25) Isophorone	7.45	82	681569	35.621	ng	#	64
49) Dimethylphthalate	9.63	163	84411	5.232	ng		99
56) 2,4-Dinitrotoluene	9.92	165	27197	6.352	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.71	198	367	5.118	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	9591	2.945	ng	#	1
70) Phenanthrene	11.43	178	135228	7.860	ng		99
71) Anthracene	11.49	178	54164	3.070	ng		97
74) Fluoranthene	12.63	202	290392	16.796	ng		99
77) Pyrene	12.86	202	273267	18.199	ng		99
80) Benzo(a)anthracene	14.05	228	117434	9.398	ng		97
82) Chrysene	14.09	228	112358	9.261	ng		97
85) Indeno(1,2,3-cd)pyrene	17.10	276	44185	4.600	ng		99
87) Benzo(b)fluoranthene	15.13	252	147261	16.527	ng	#	85
88) Benzo(k)fluoranthene	15.13	252	147261	17.551	ng	#	88
89) Benzo(a)pyrene	15.51	252	75410	9.477	ng	#	93
91) Benzo(g,h,i)perylene	17.58	276	45621	7.592	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103342.D
Acq On : 1 Mar 2018 17:43
Operator : SJ/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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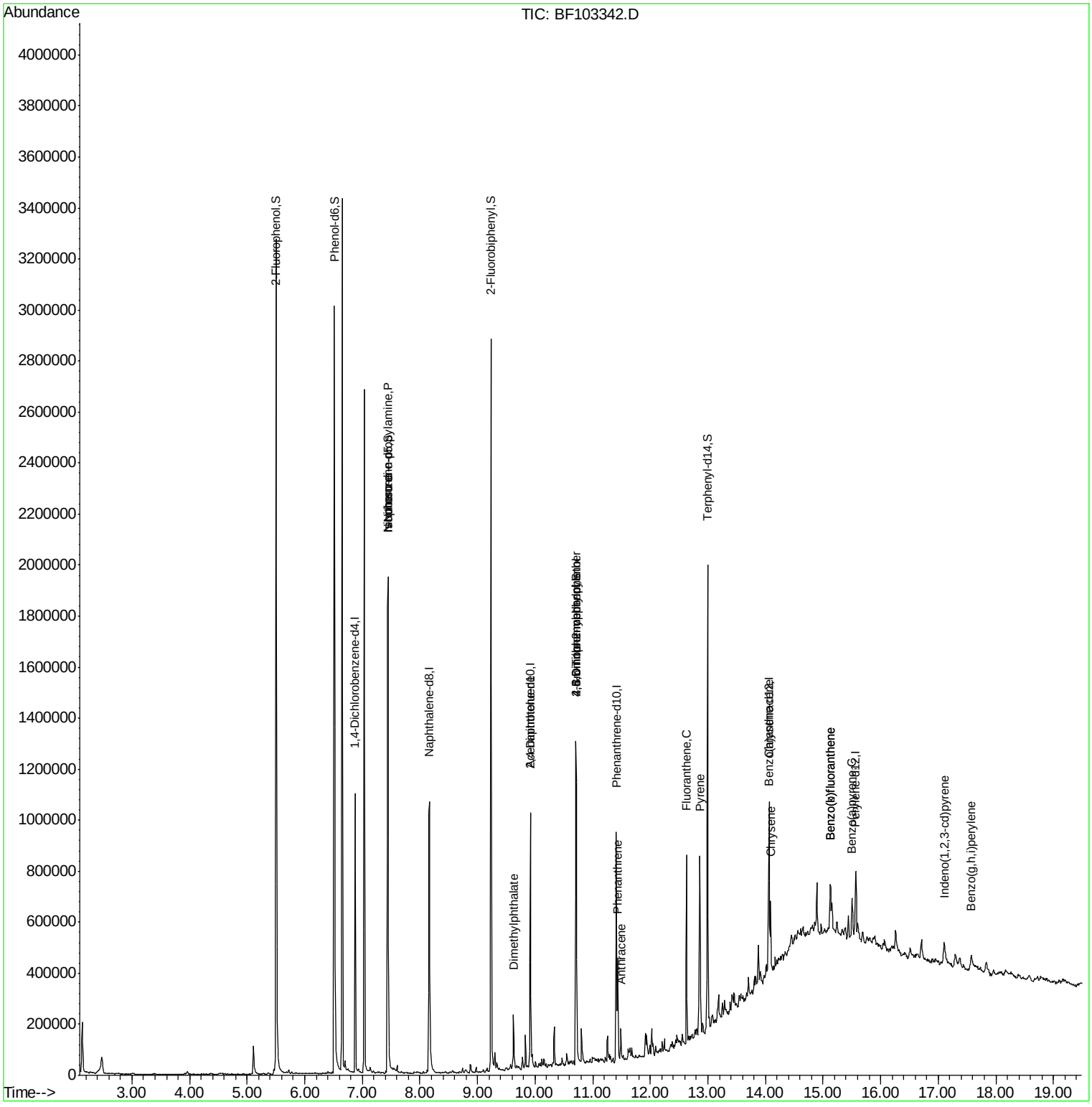
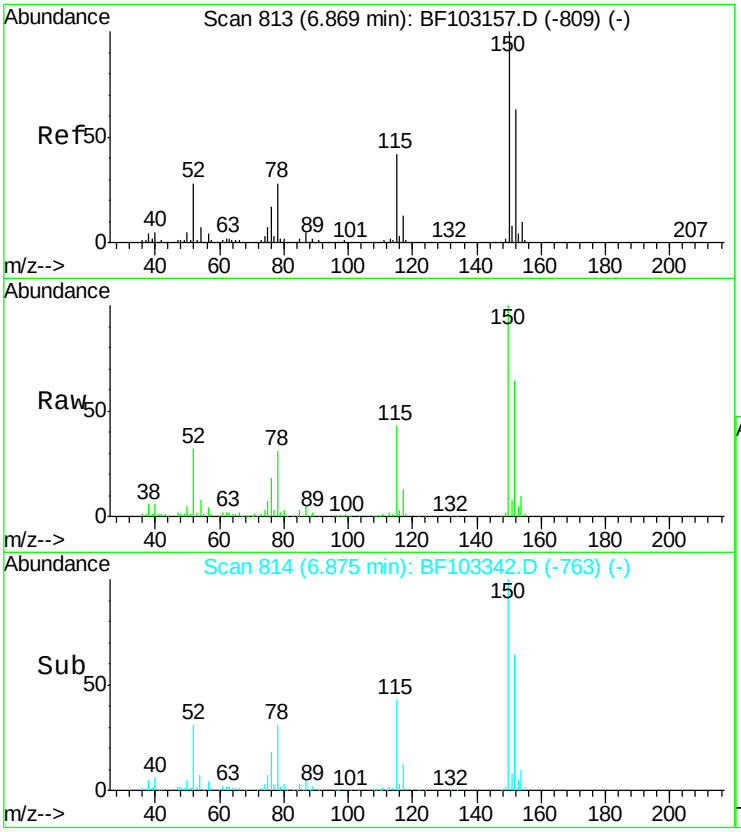


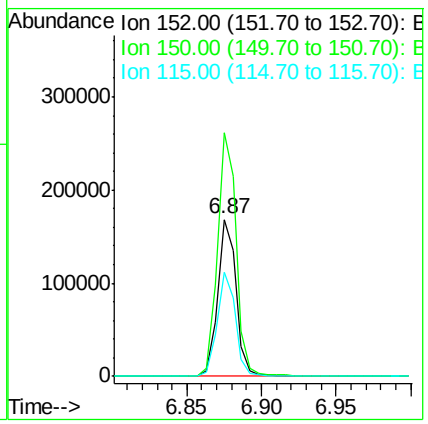


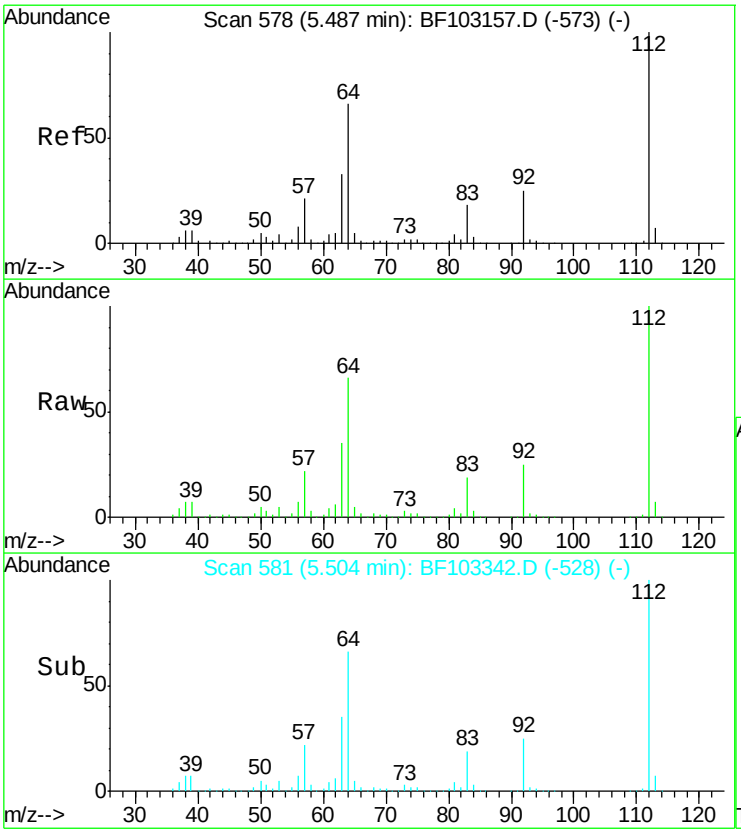
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 145224

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	66.0	50.1	75.1

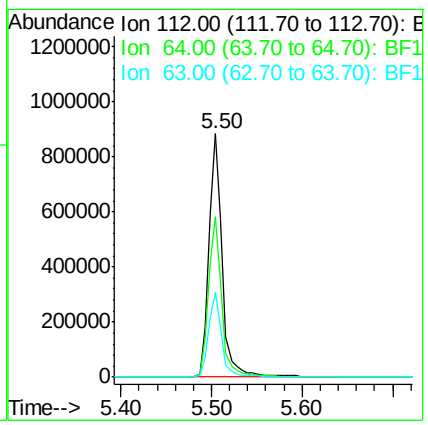


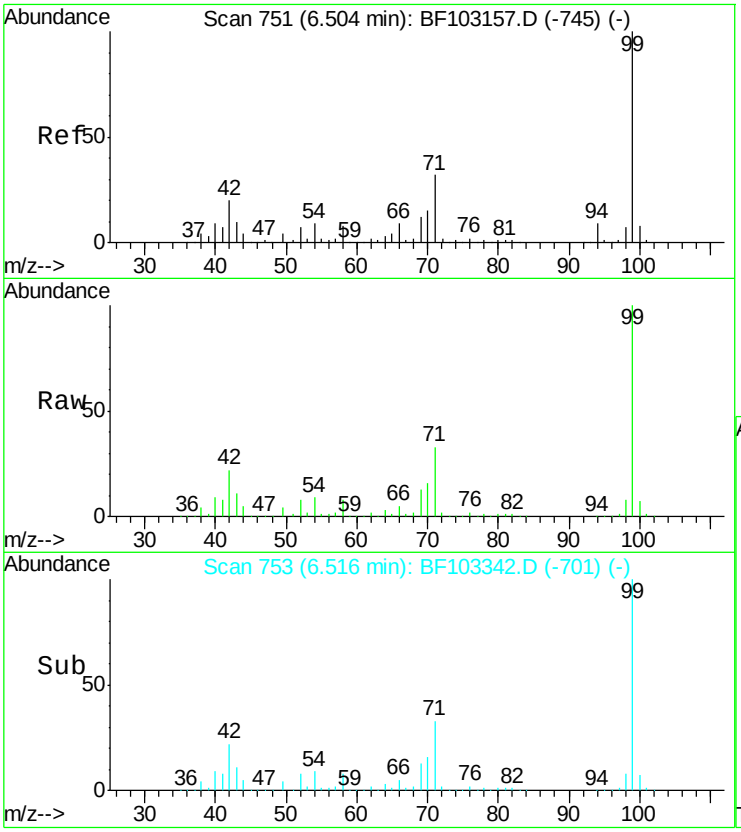


#5
2-Fluorophenol
Concen: 95.695 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion:112 Resp: 918872

Ion	Ratio	Lower	Upper
112	100		
64	65.8	47.9	71.9
63	35.0	23.7	35.5



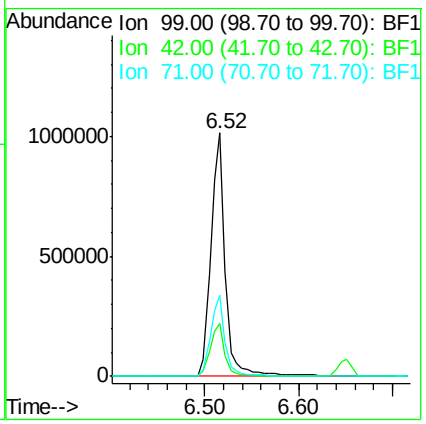


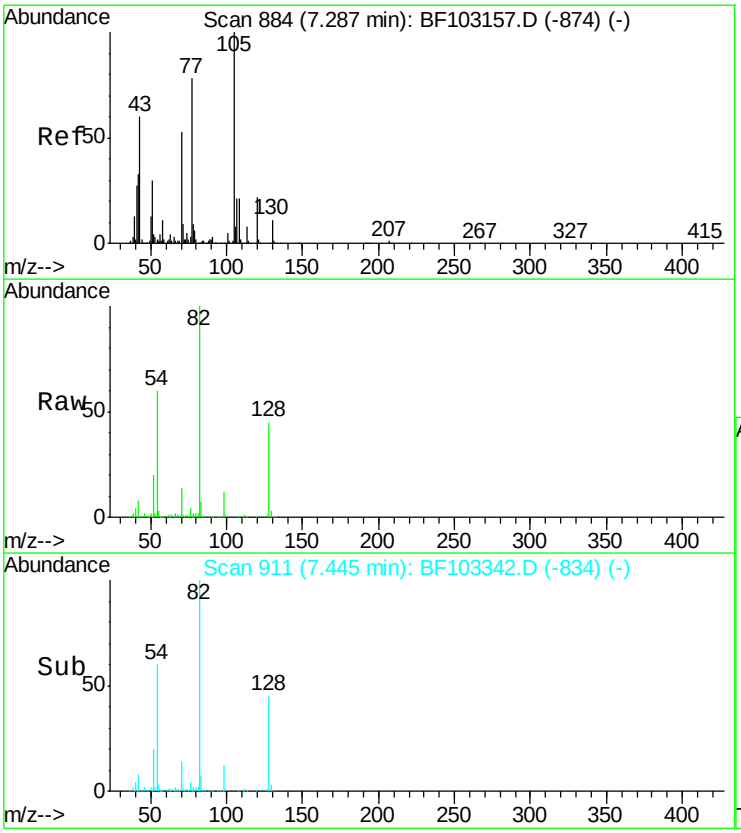
#7
Phenol-d6
Concen: 93.403 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1097441

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

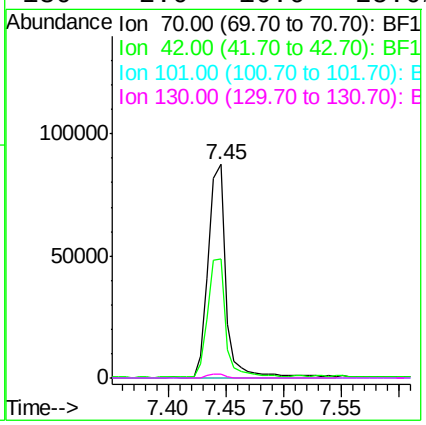


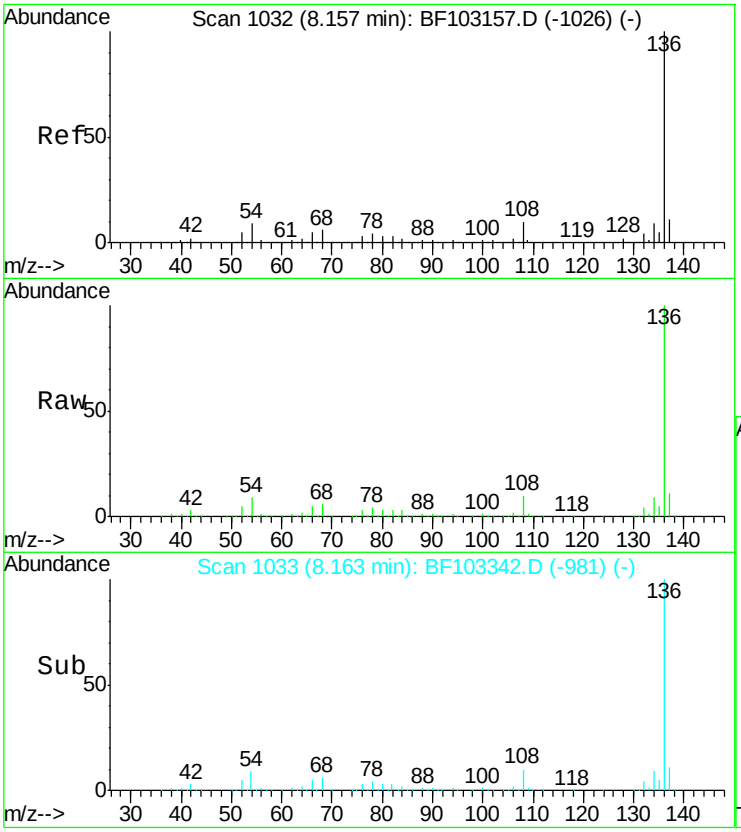


#19
n-Nitroso-di-n-propylamine
Concen: 13.067 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion: 70 Resp: 95553

Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



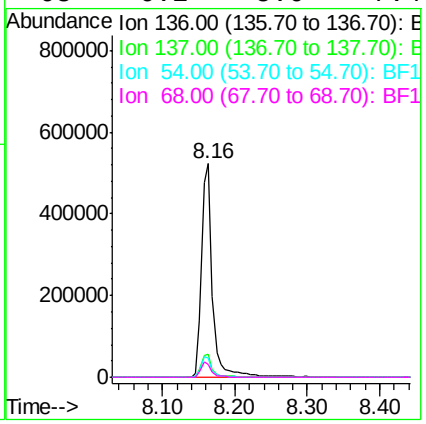


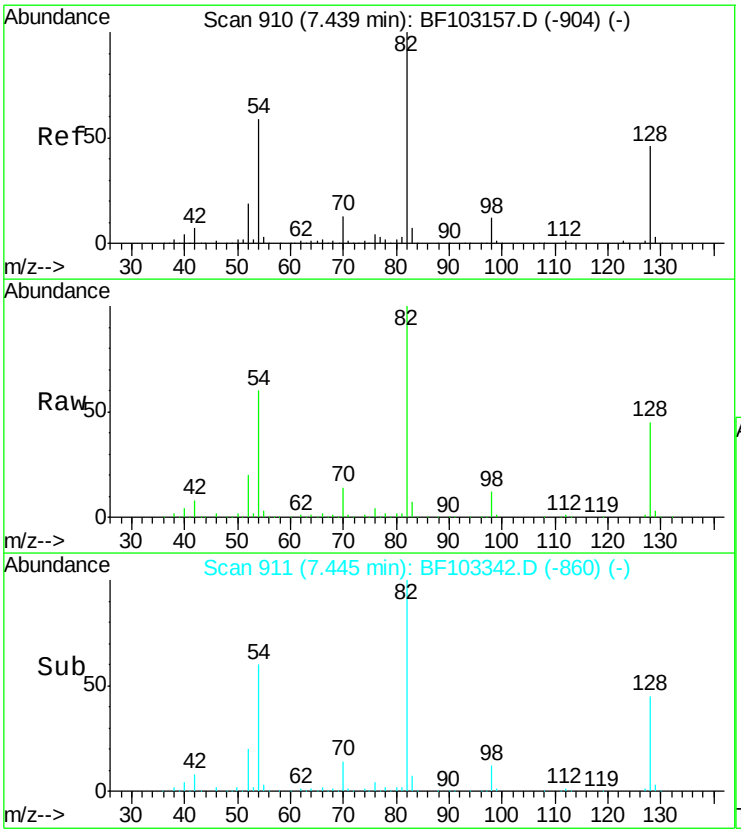
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 554811

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.9	6.6	9.8
68	6.2	5.0	7.4

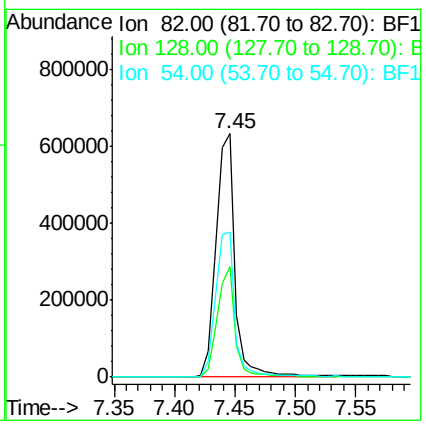


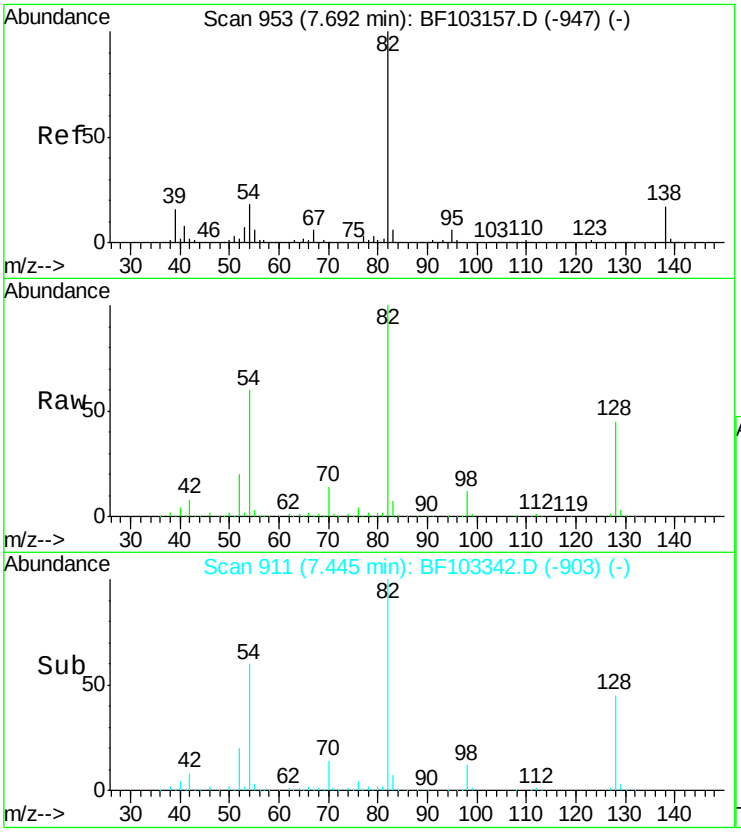


#23
Nitrobenzene-d5
Concen: 70.157 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion: 82 Resp: 681574

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	59.8	41.4	62.2



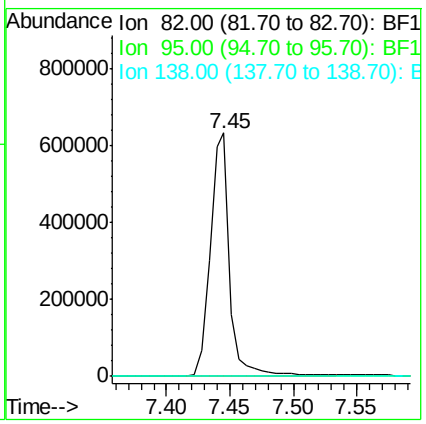


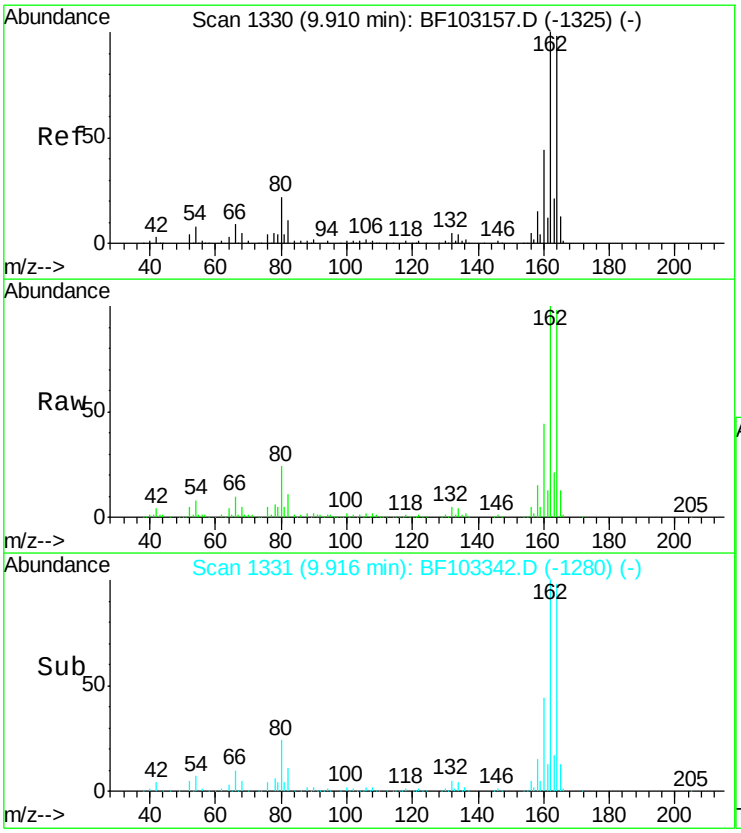
#25
Isophorone
Concen: 35.621 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.25 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 681569

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

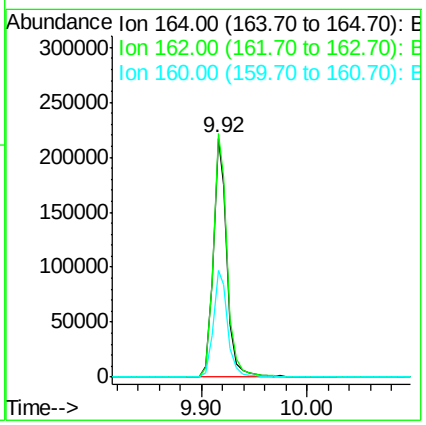


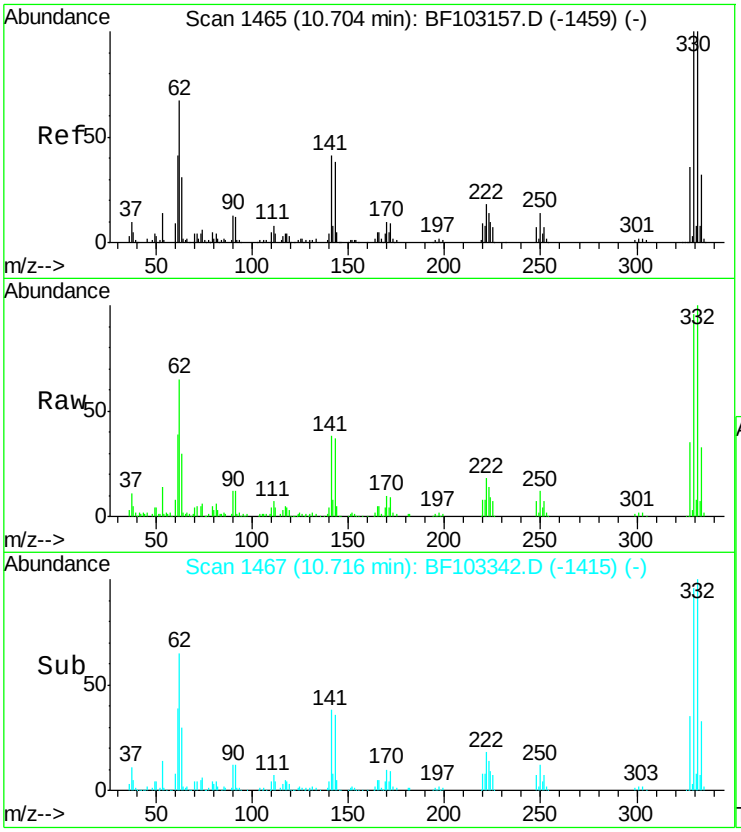


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion:164 Resp: 201109

Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	44.8	38.3	57.5



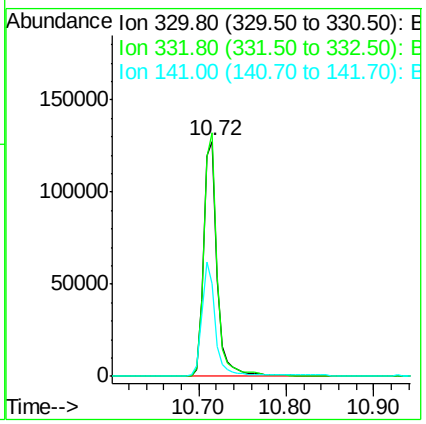


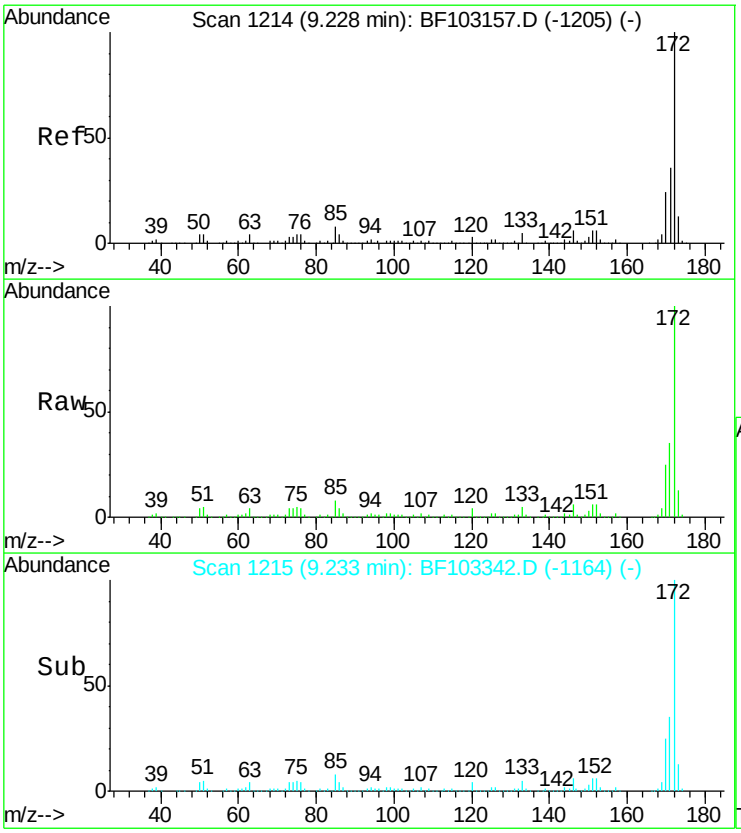
#41
2,4,6-Tribromophenol
Concen: 81.238 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 138290

Ion	Ratio	Lower	Upper
330	100		
332	101.5	77.0	115.6
141	47.7	29.9	44.9#

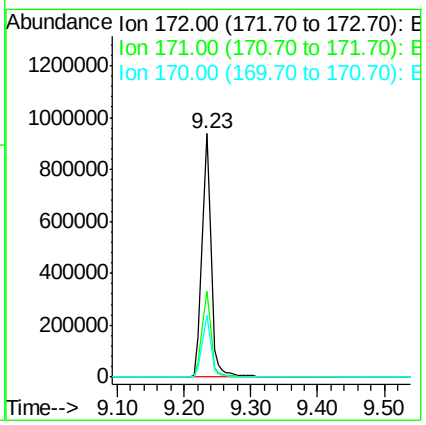


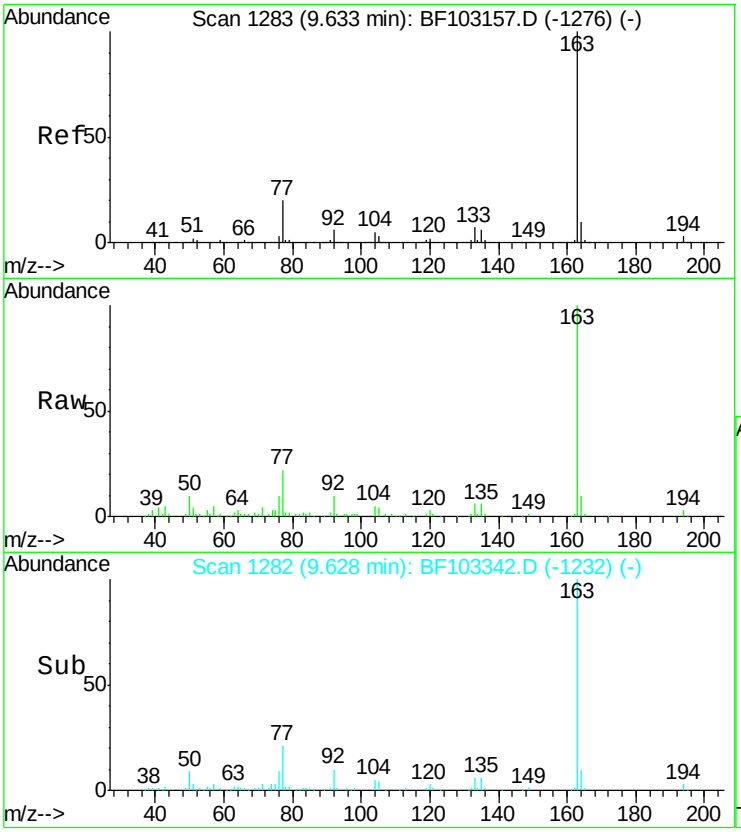


#44
2-Fluorobiphenyl
Concen: 74.853 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion:172 Resp: 899261

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	25.3	19.6	29.4



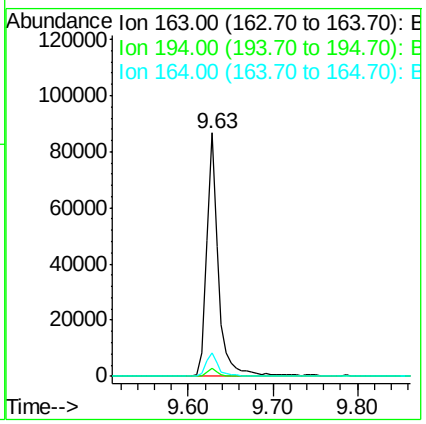


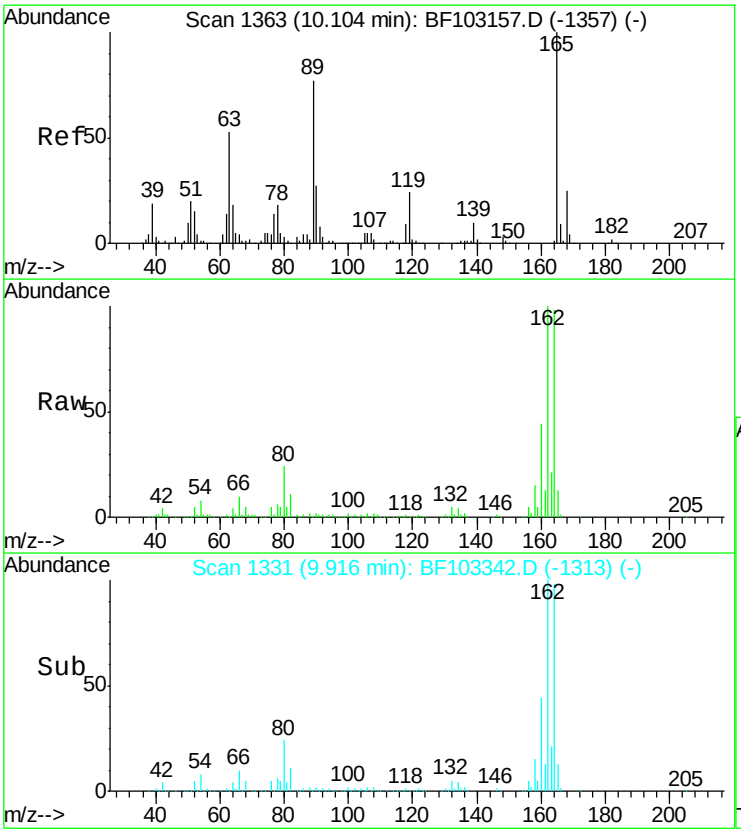
#49
Dimethylphthalate
Concen: 5.232 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 84411

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.6	8.2	12.2

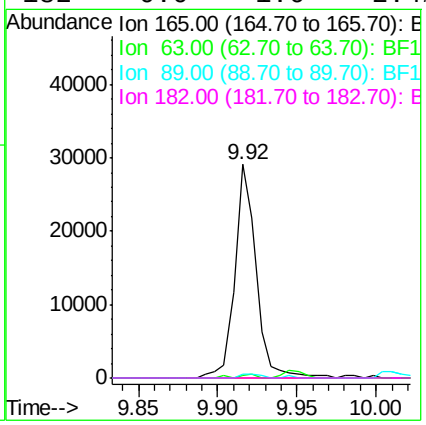


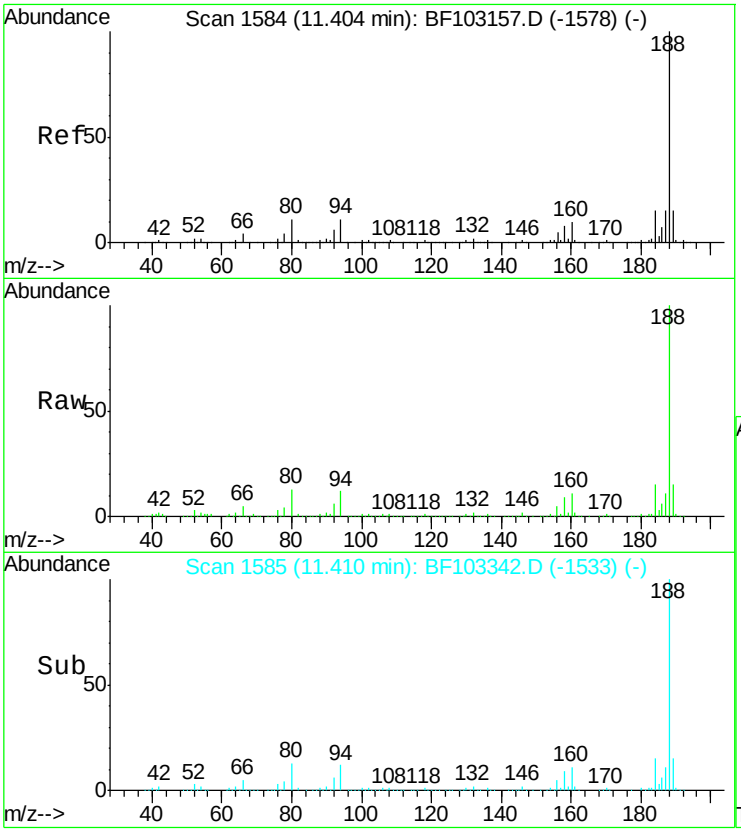


#56
2,4-Dinitrotoluene
Concen: 6.352 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion:165 Resp: 27197

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



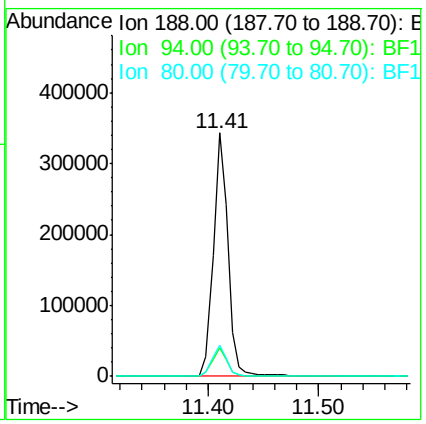


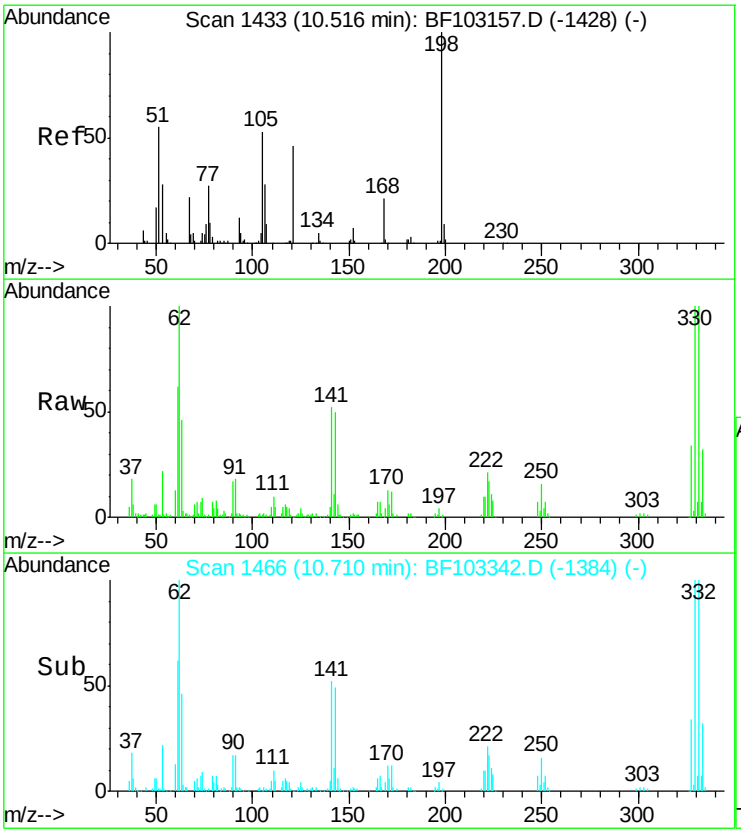
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 312636

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.9	9.2	13.8

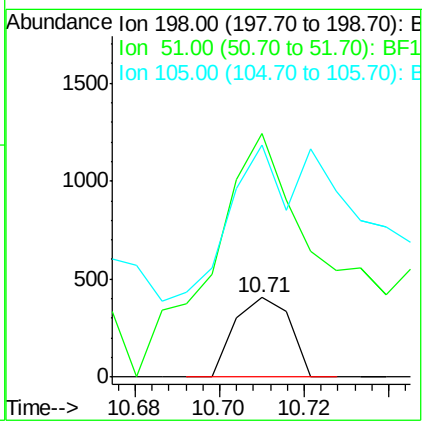


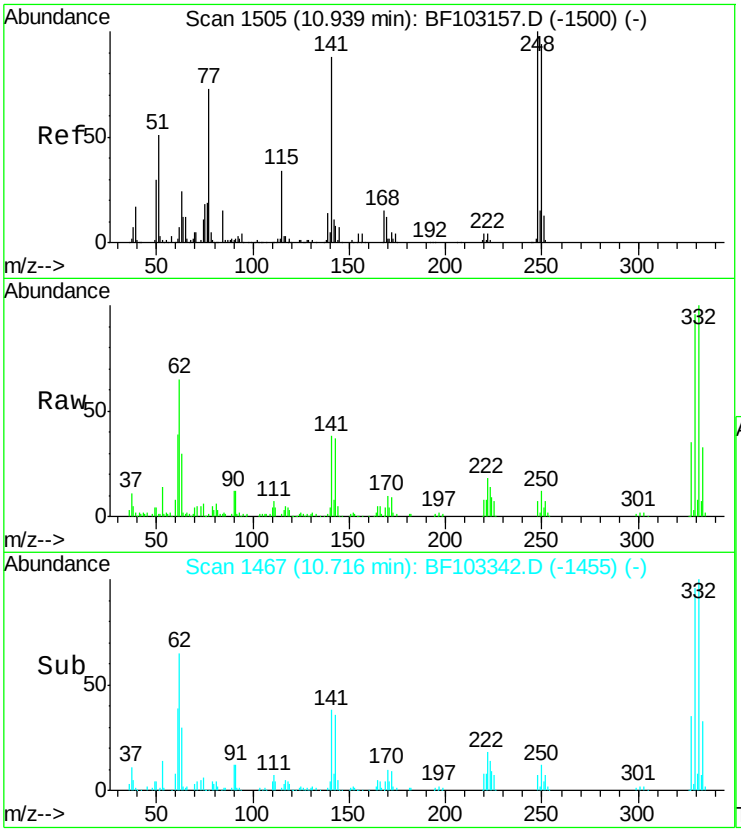


#64
4,6-Dinitro-2-methylphenol
Concen: 5.118 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.18 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion:198 Resp: 367

Ion	Ratio	Lower	Upper
198	100		
51	306.7	37.7	77.7#
105	292.6	36.3	76.3#



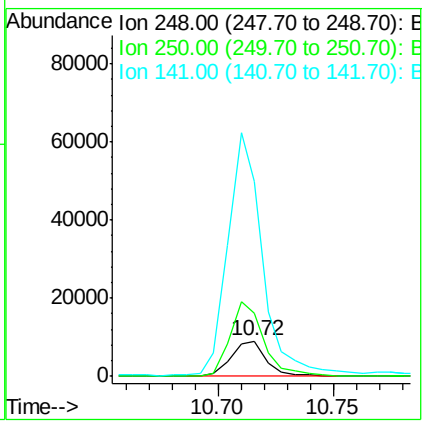


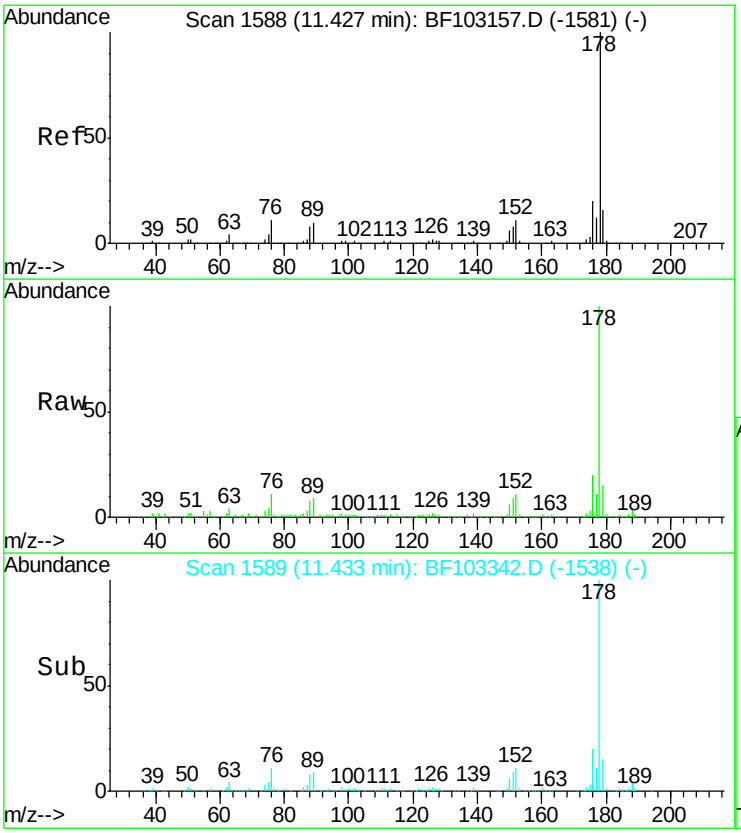
#66
4-Bromophenyl-phenylether
Concen: 2.945 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.23 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9591

Ion	Ratio	Lower	Upper
248	100		
250	176.8	76.9	115.3#
141	551.4	74.4	111.6#

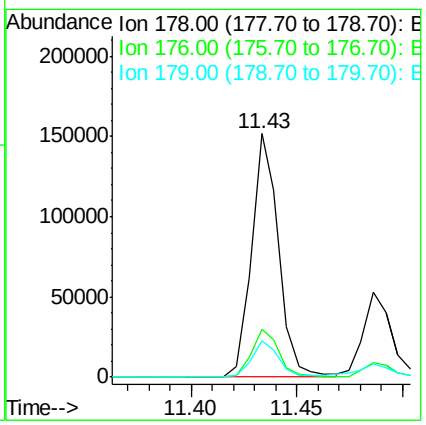


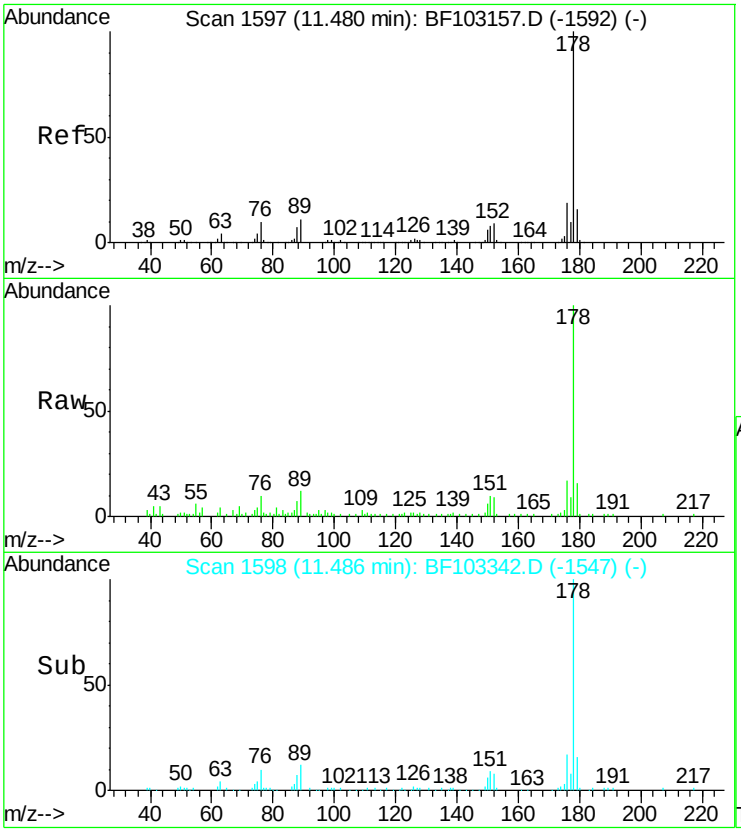


#70
Phenanthrene
Concen: 7.860 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion:178 Resp: 135228

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.1	13.0	19.6



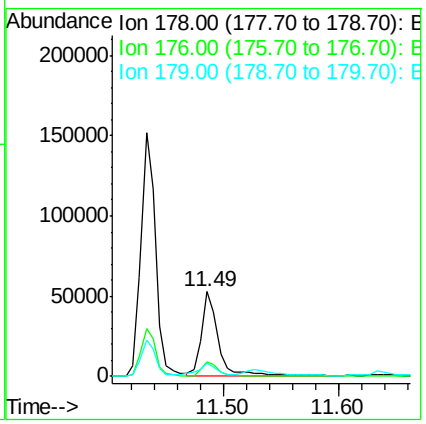


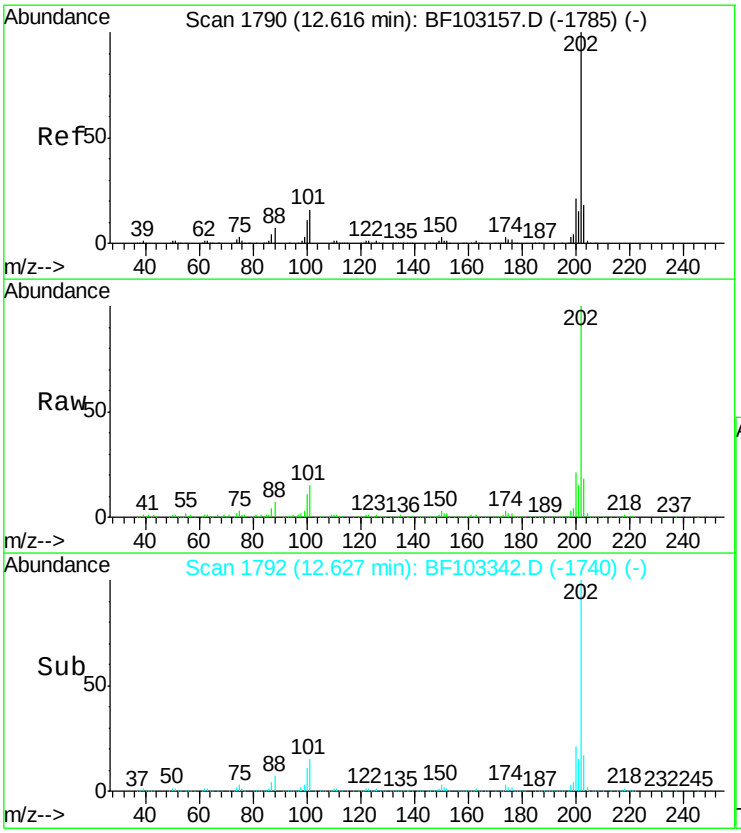
#71
Anthracene
Concen: 3.070 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 54164

Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.4	23.2
179	15.6	12.6	19.0

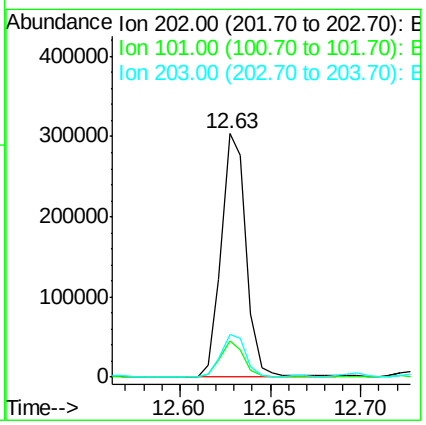


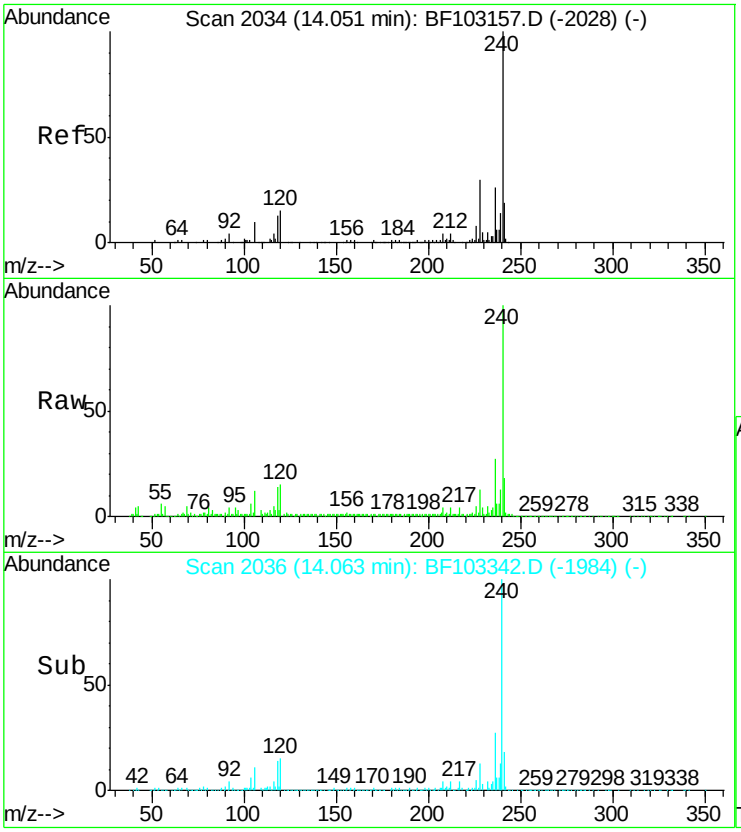


#74
Fluoranthene
Concen: 16.796 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion:202 Resp: 290392

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	34.1
203	17.5	0.0	38.1



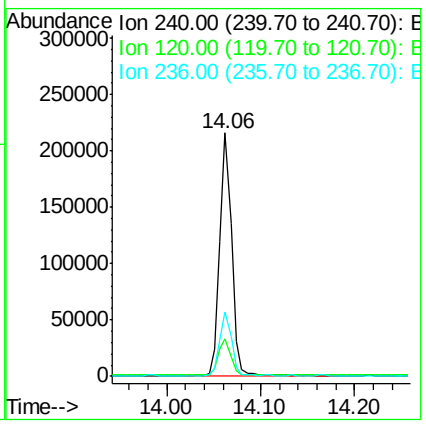


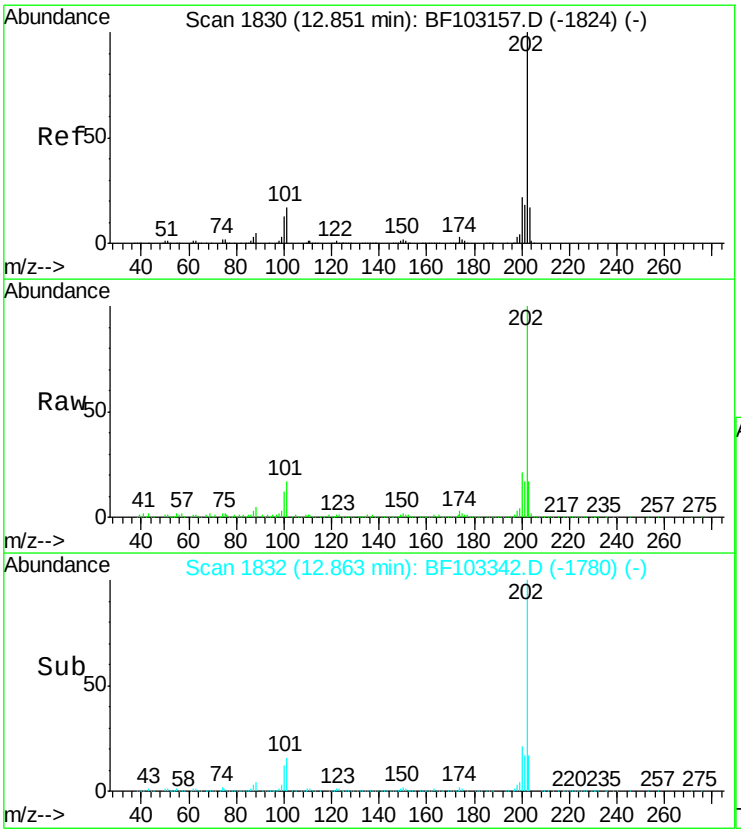
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 192586

Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	26.7	20.7	31.1

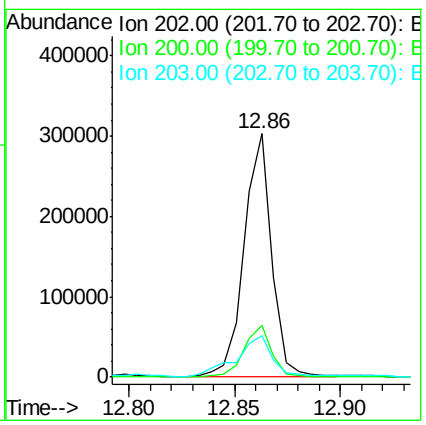


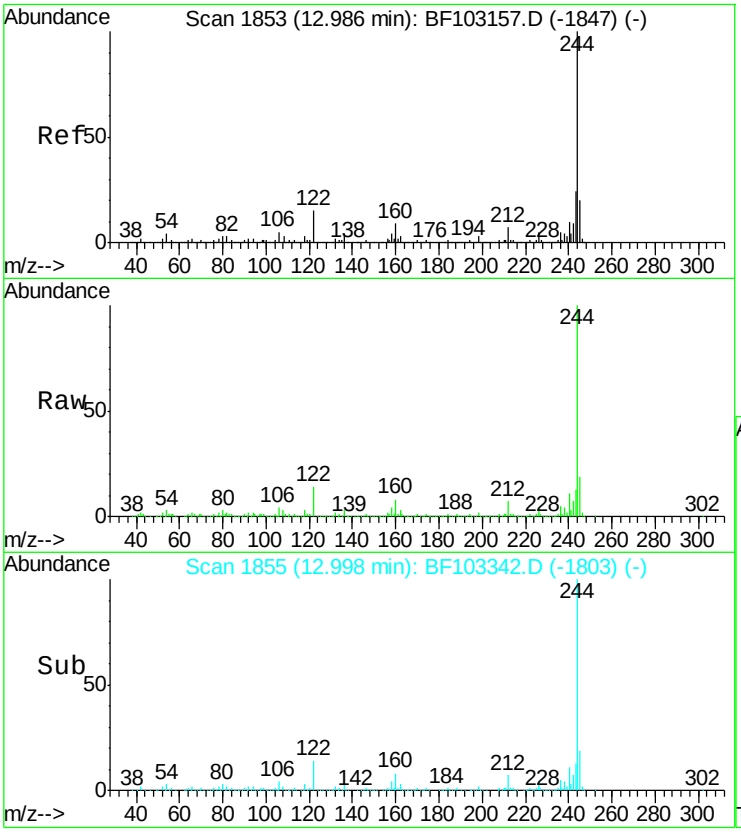


#77
Pyrene
Concen: 18.199 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion:202 Resp: 273267

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.2	14.3	21.5



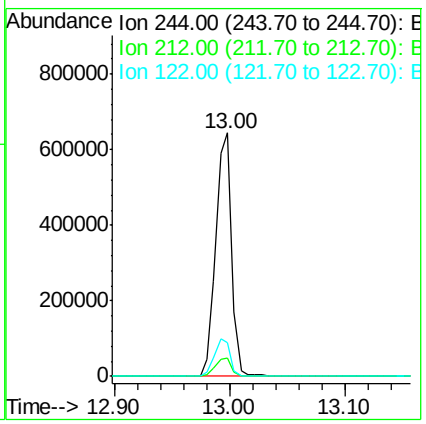


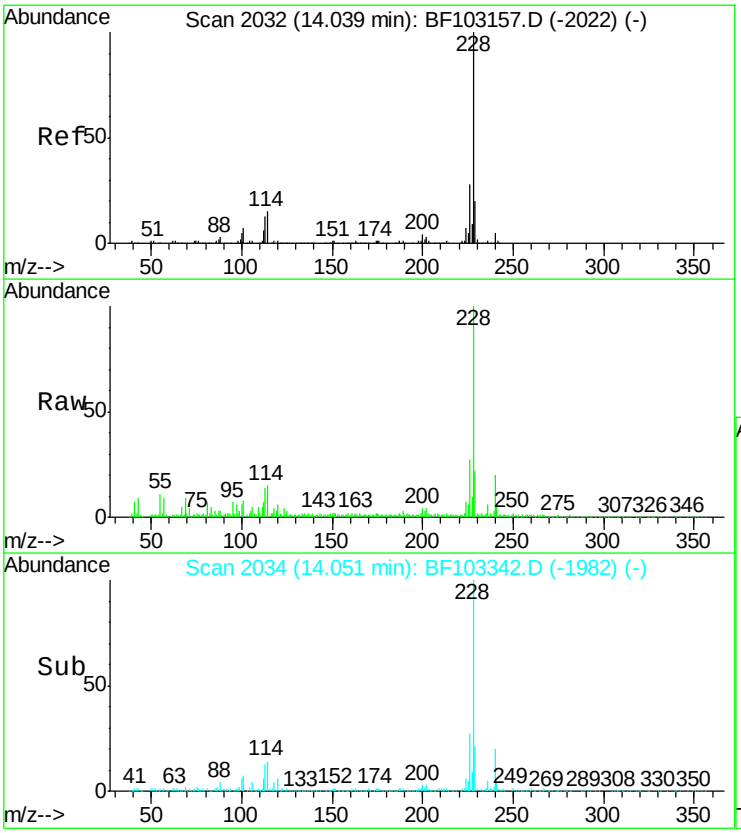
#78
Terphenyl-d14
Concen: 76.942 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 616425

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.7	11.0	16.4

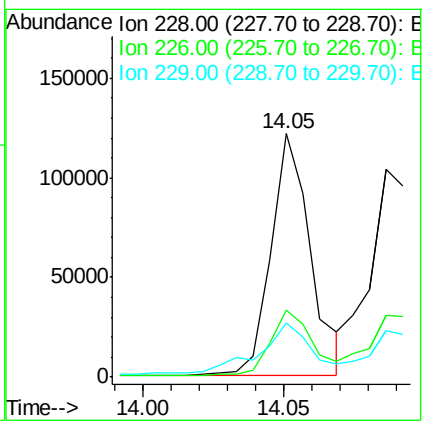


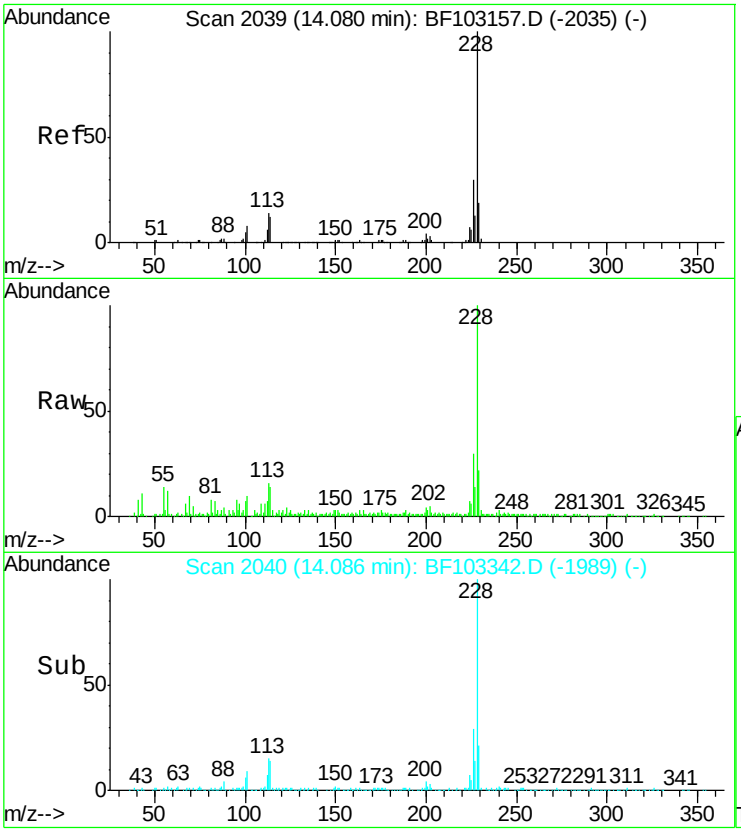


#80
Benzo(a)anthracene
Concen: 9.398 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion:228 Resp: 117434

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	22.0	15.8	23.6



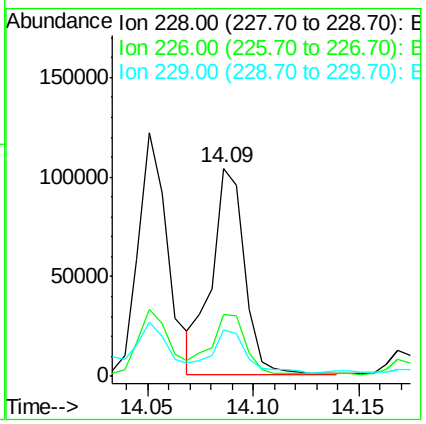


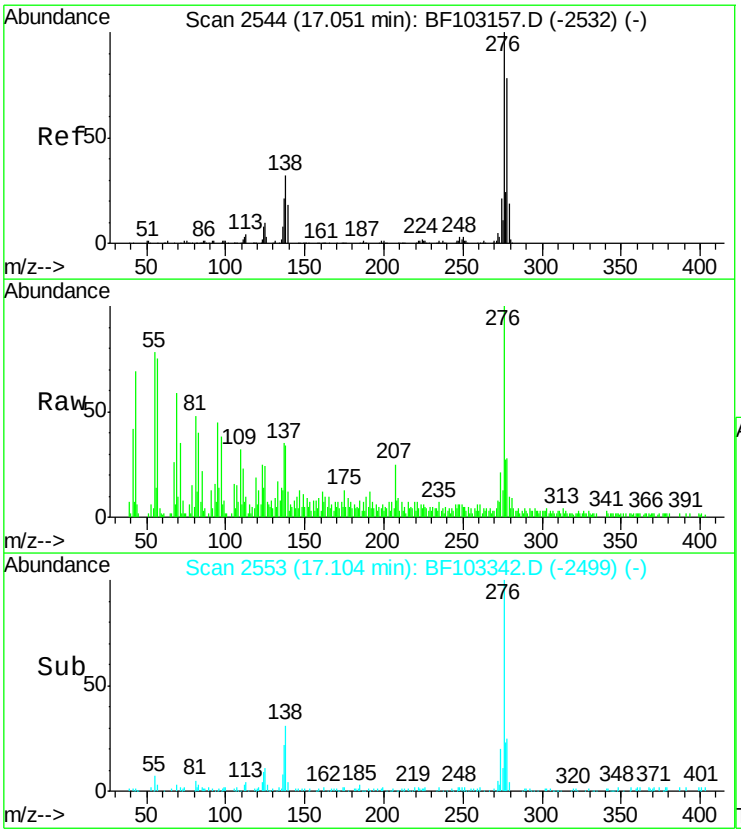
#82
Chrysene
Concen: 9.261 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 112358

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.2	16.2	24.4

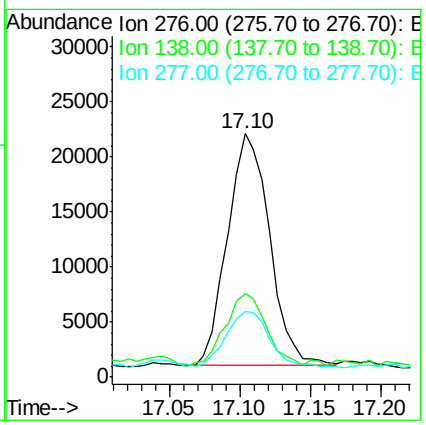


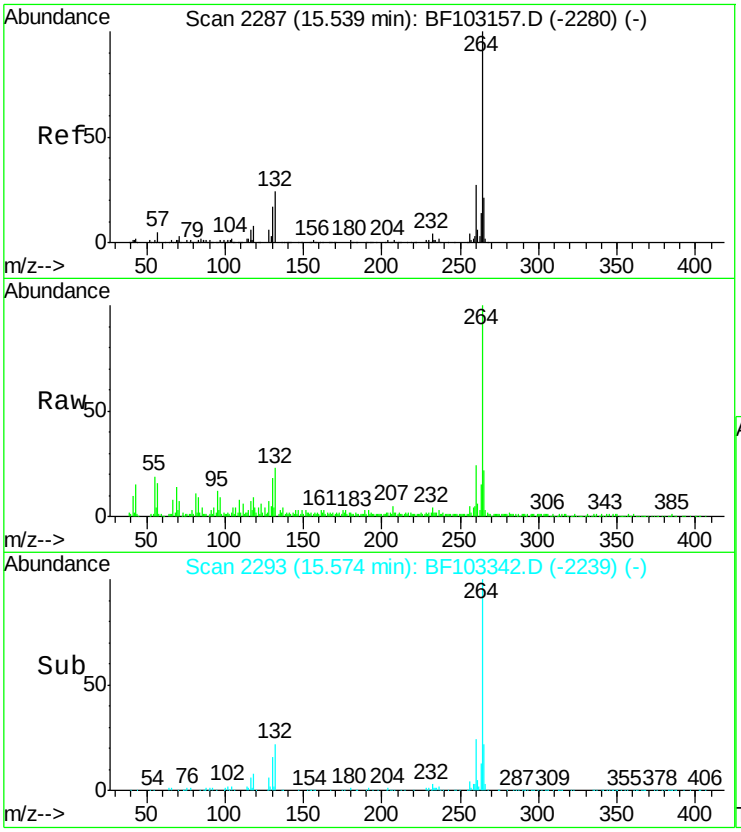


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.600 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.02 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion:276 Resp: 44185

Ion	Ratio	Lower	Upper
276	100		
138	31.0	25.0	37.6
277	26.0	20.1	30.1



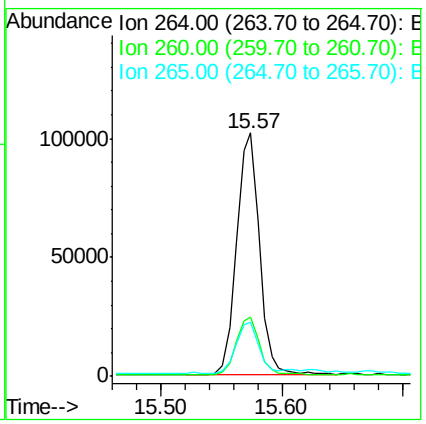


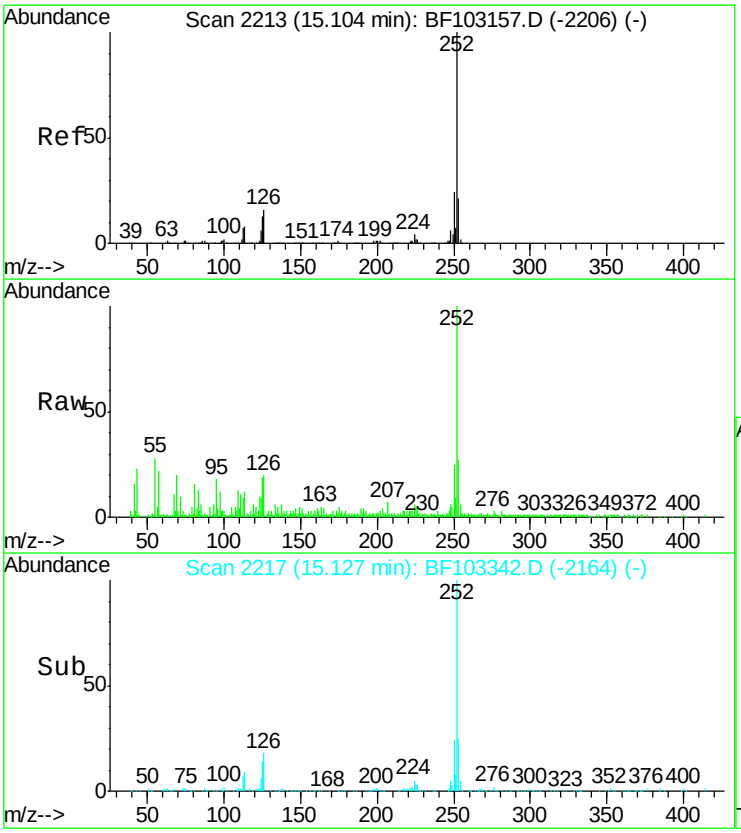
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.02 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 135517

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.3	17.5	26.3

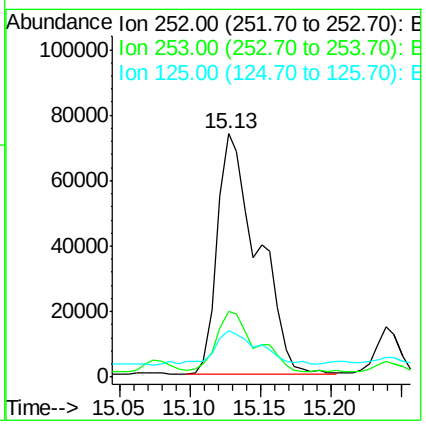


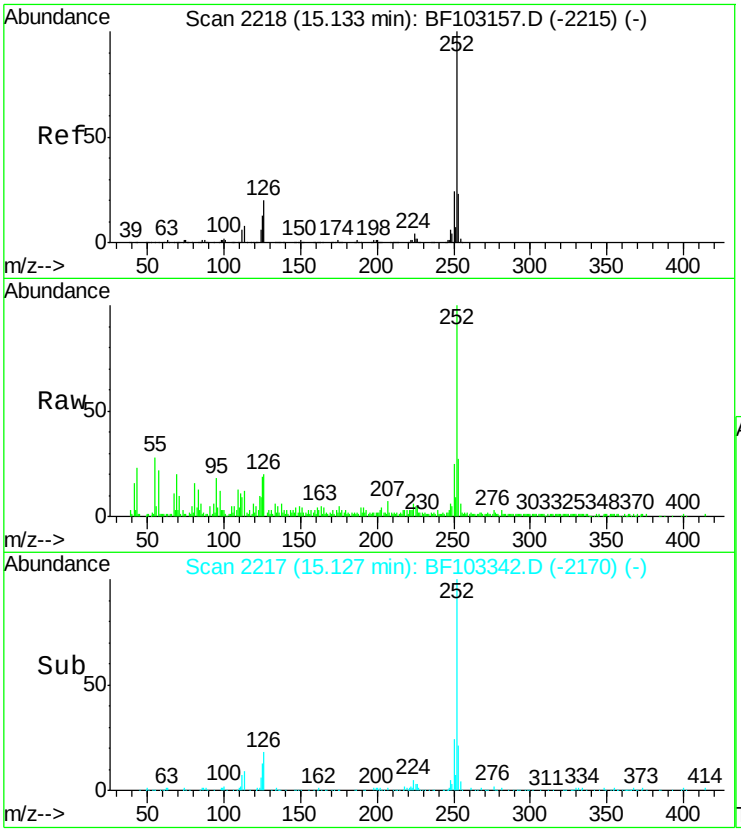


#87
Benzo(b)fluoranthene
Concen: 16.527 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion:252 Resp: 147261

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.0	25.6#
125	19.3	9.0	13.6#



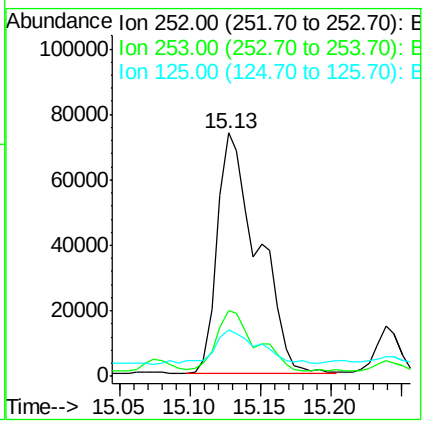


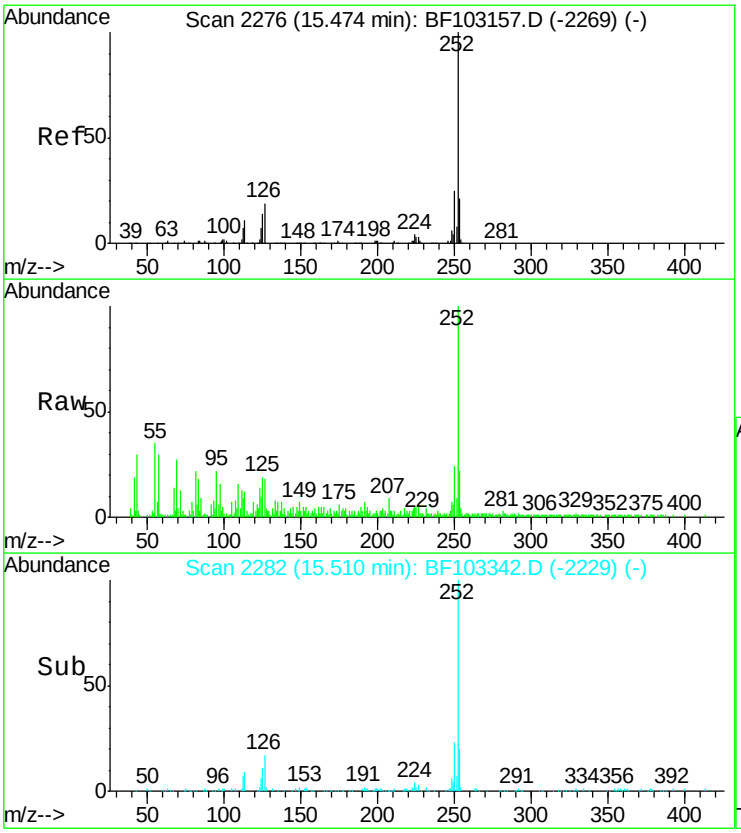
#88
Benzo(k)fluoranthene
Concen: 17.551 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 147261

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.9	26.9#
125	19.3	10.2	15.2#

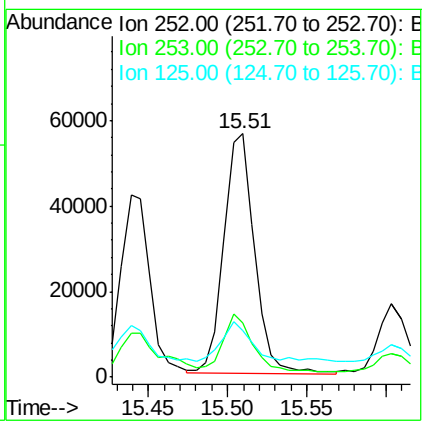


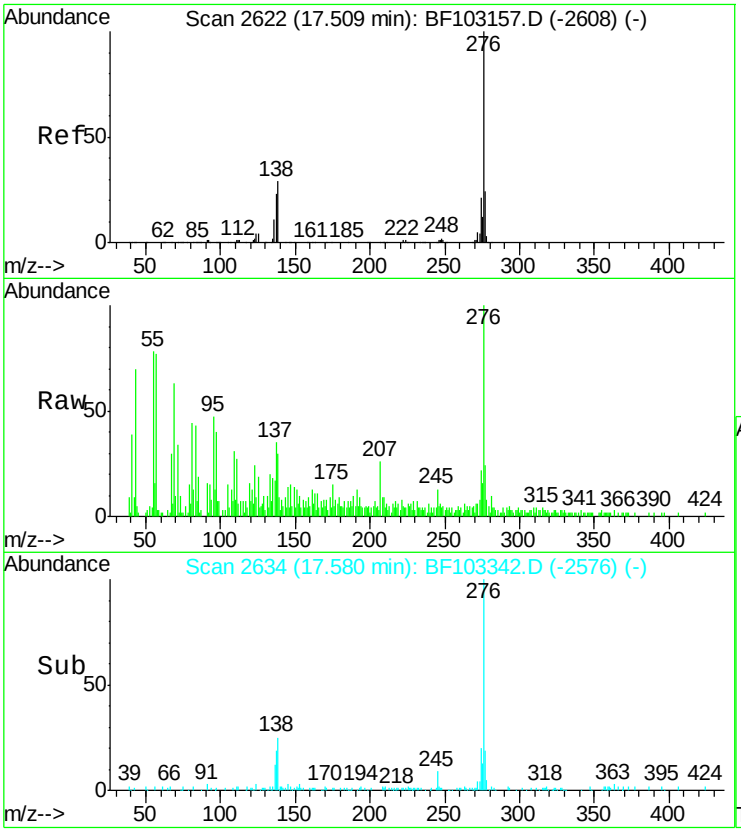


#89
Benzo(a)pyrene
Concen: 9.477 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Tgt Ion:252 Resp: 75410

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	19.0	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 7.592 ng
RT: 17.58 min Scan# 2634
Delta R.T. 0.04 min
Lab File: BF103342.D
Acq: 1 Mar 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 45621

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	30.0	21.8	32.8