Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103435.D
Acq On : 6 Mar 2018 3:05
Operator : SJ/JU
Sample : J1786-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 06 05:59:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	128499	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	512429	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	202588	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	301966	20.00	ng		0.00
75) Chrysene-d12	14.07	240	182747	20.00	ng		0.00
86) Perylene-d12	15.59	264	138881	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	944451	111.16	ng		0.01
7) Phenol-d6	6.52	99	1134282	109.10	ng		0.00
23) Nitrobenzene-d5	7.44	82	632704	70.51	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	141406	82.46	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	888383	73.03	ng		0.00
78) Terphenyl-d14	13.00	244	599526	78.86	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	2218	Below Cal			95
19) n-Nitroso-di-n-propylamine	7.44	70	86493	13.368	ng	#	83
25) Isophorone	7.44	82	632704	35.802	ng	#	64
32) Benzoic acid	7.95	122	2430	7.308	ng	#	89
56) 2,4-Dinitrotoluene	9.92	165	26235	6.082	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.71	198	260	5.072	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	9221	2.931	ng	#	1
70) Phenanthrene	11.43	178	38500	2.317	ng		98
71) Anthracene	11.43	178	38500	2.259	ng		97
73) Di-n-butylphthalate	11.96	149	516675	24.332	ng		99
74) Fluoranthene	12.63	202	103003	6.168	ng		99
77) Pyrene	12.86	202	120629	8.466	ng		98
80) Benzo(a)anthracene	14.06	228	71466	6.027	ng		95
82) Chrysene	14.06	228	71466	6.207	ng		93
83) Bis(2-ethylhexyl)phthalate	14.02	149	21639	2.130	ng		97
85) Indeno(1,2,3-cd)pyrene	17.13	276	38548	4.229	ng		99
87) Benzo(b)fluoranthene	15.14	252	81637	8.940	ng	#	86
88) Benzo(k)fluoranthene	15.14	252	81637	9.494	ng	#	88
89) Benzo(a)pyrene	15.52	252	65590	8.044	ng	#	88
90) Dibenzo(a,h)anthracene	17.13	278	13290	2.109	ng	#	38
91) Benzo(g,h,i)perylene	17.60	276	51577	8.375	ng		95

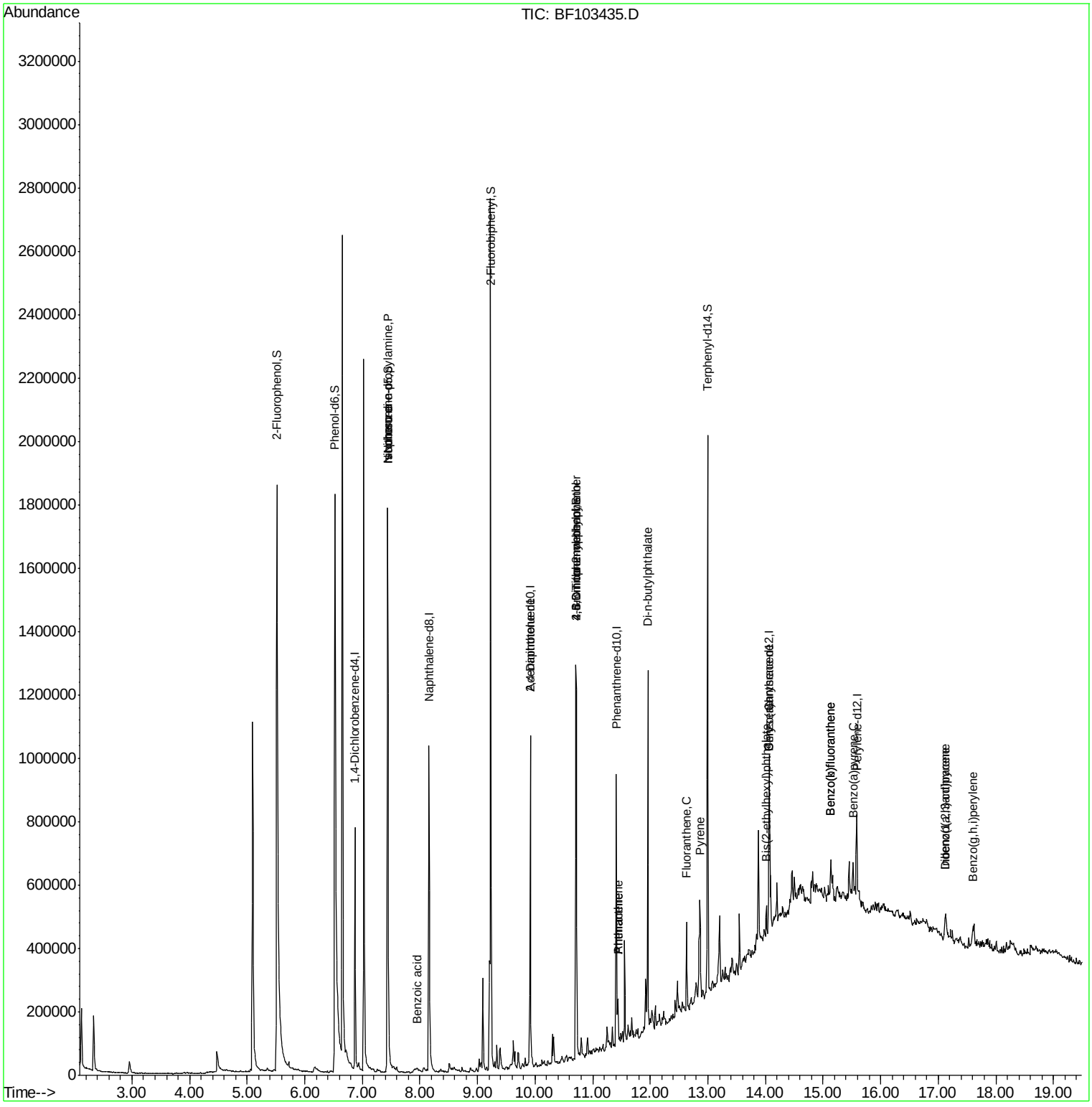
(#) = qualifier out of range (m) = manual integration (+) = signals summed

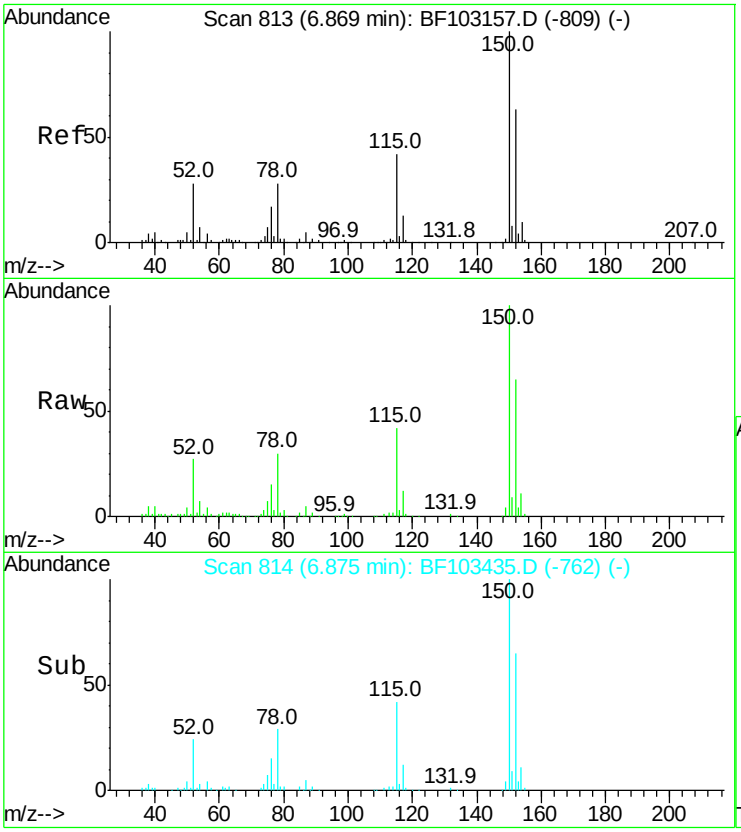
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103435.D
Acq On : 6 Mar 2018 3:05
Operator : SJ/JU
Sample : J1786-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 06 05:59:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration



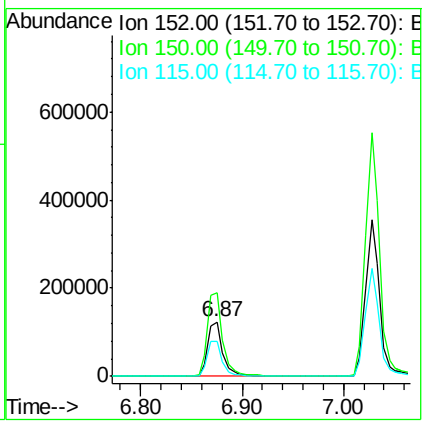


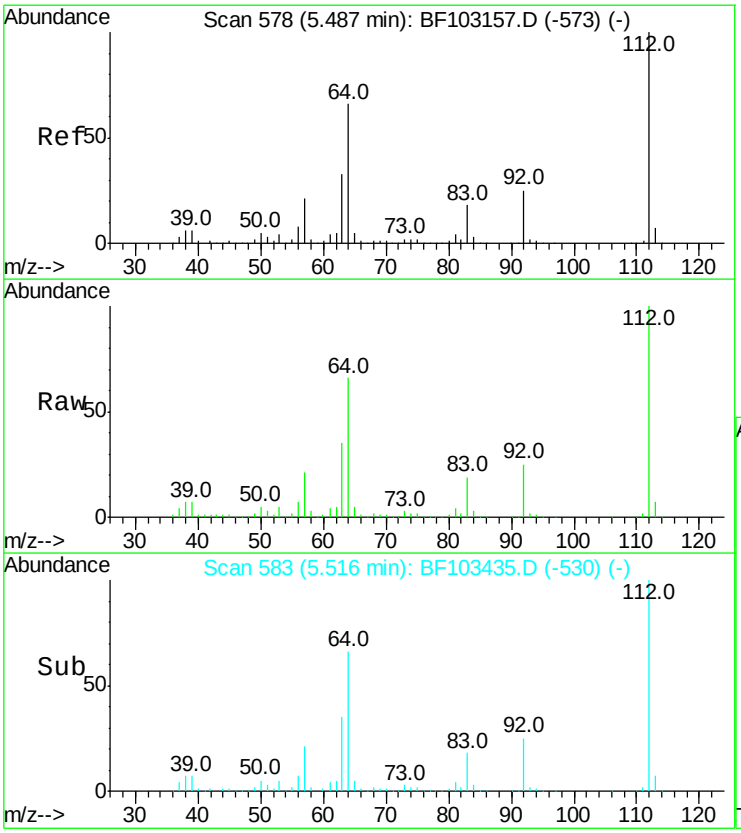
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 128499

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	64.3	50.1	75.1

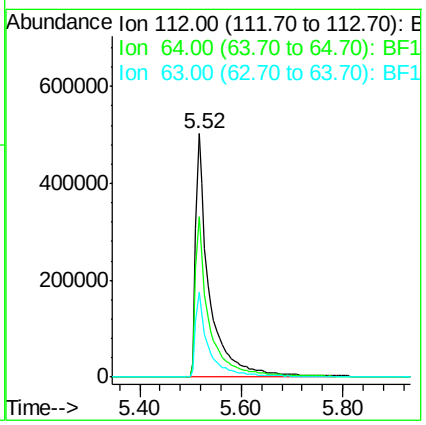


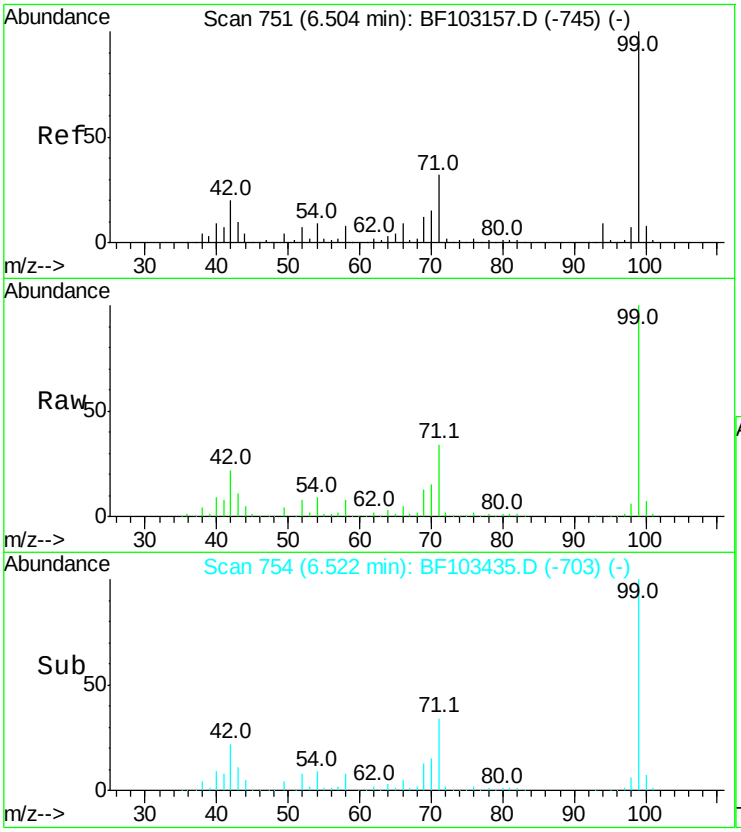


#5
2-Fluorophenol
Concen: 111.162 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Tgt Ion:112 Resp: 944451

Ion	Ratio	Lower	Upper
112	100		
64	66.1	47.9	71.9
63	34.9	23.7	35.5



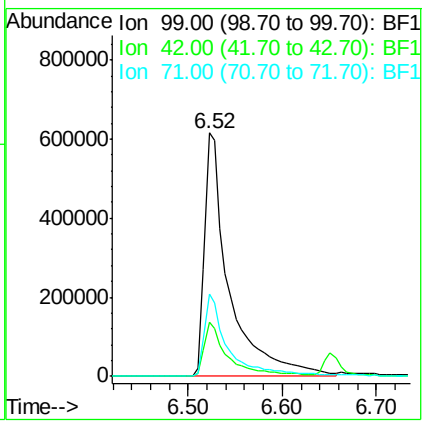


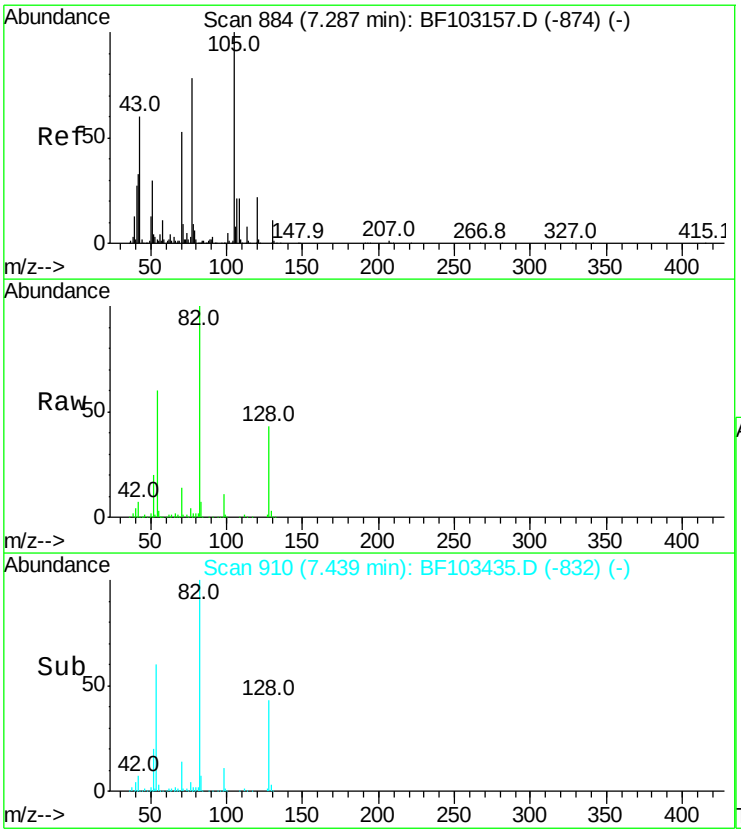
#7
Phenol-d6
Concen: 109.104 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1134282

Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	33.6	25.4	38.0

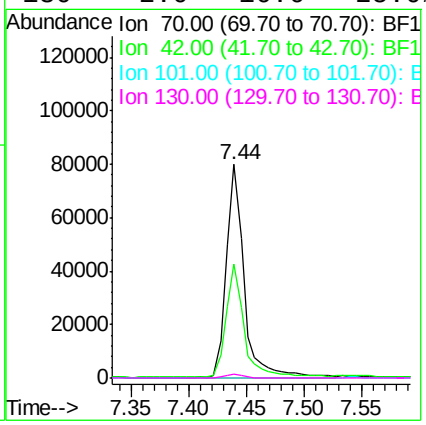


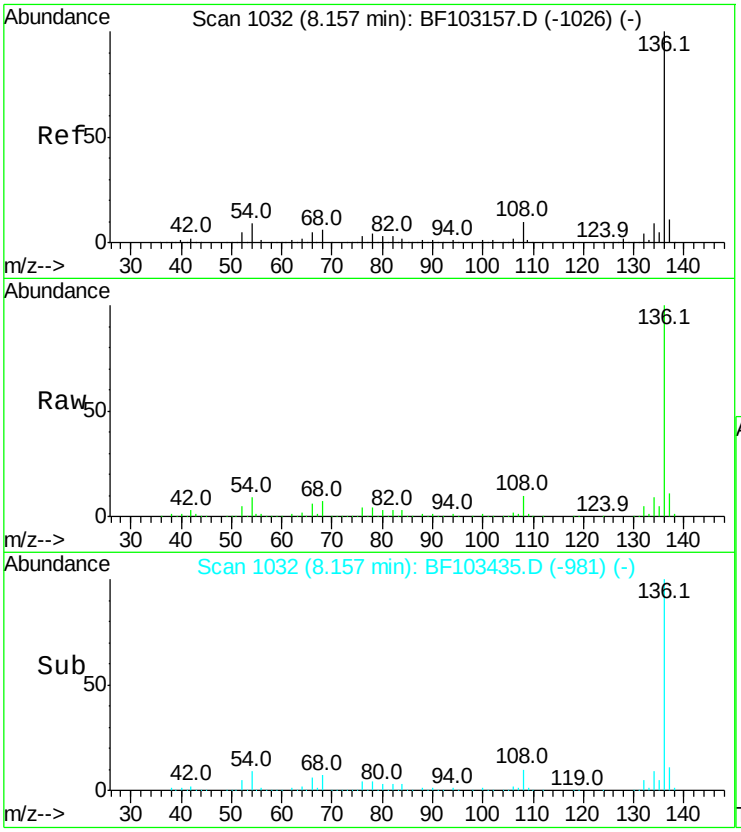


#19
n-Nitroso-di-n-propylamine
Concen: 13.368 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.16 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Tgt Ion: 70 Resp: 86493

Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



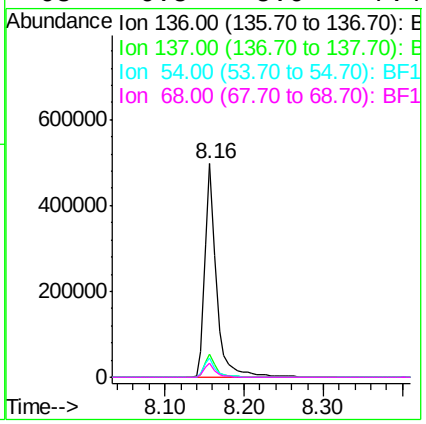


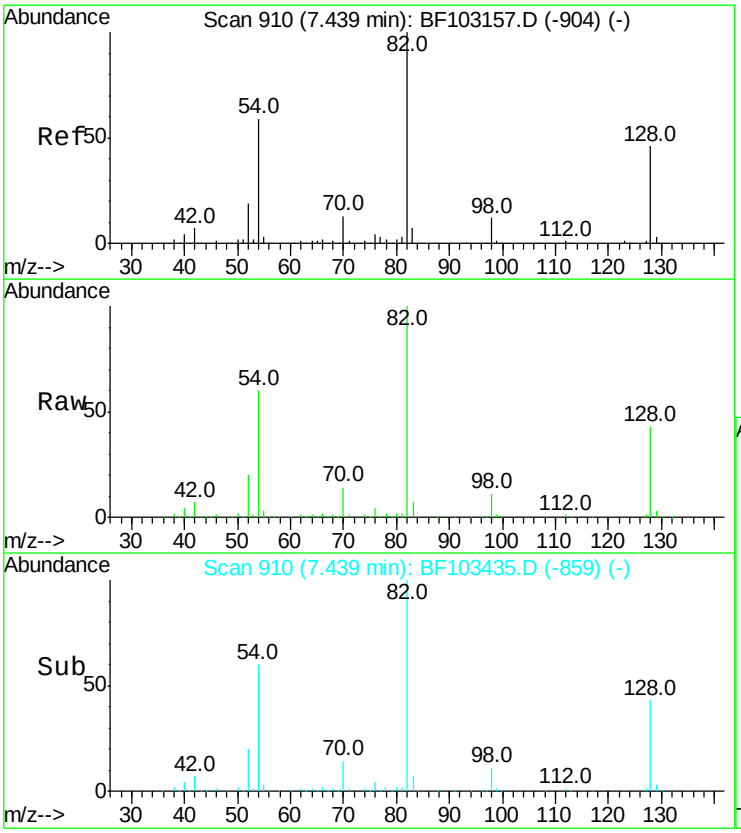
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 512429

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.0	6.6	9.8
68	6.5	5.0	7.4

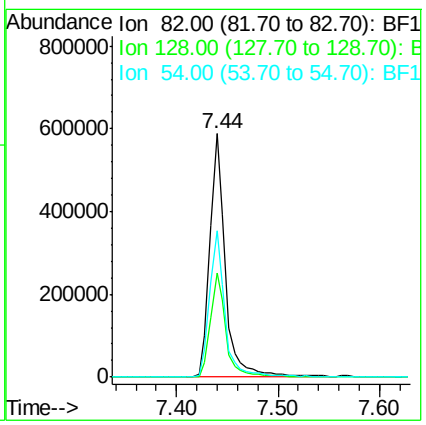


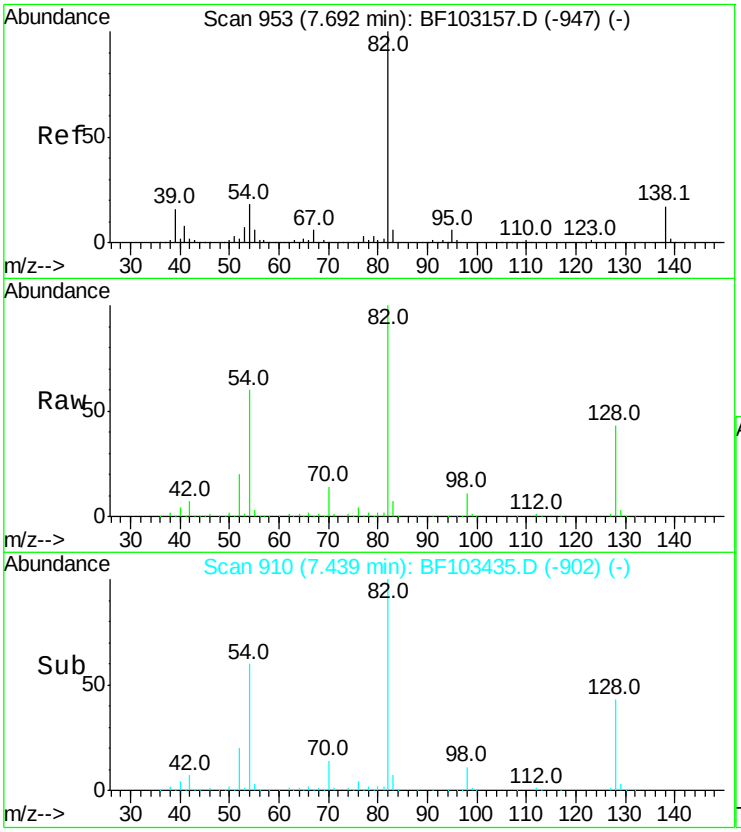


#23
Nitrobenzene-d5
Concen: 70.513 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Tgt Ion: 82 Resp: 632704

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	60.4	41.4	62.2



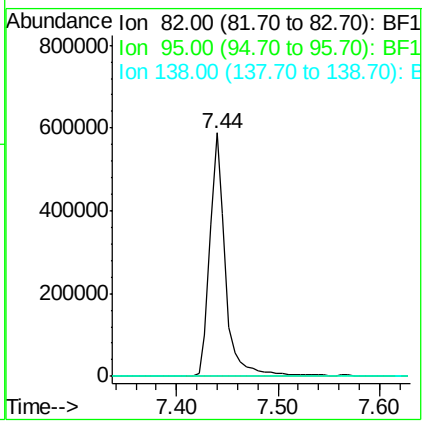


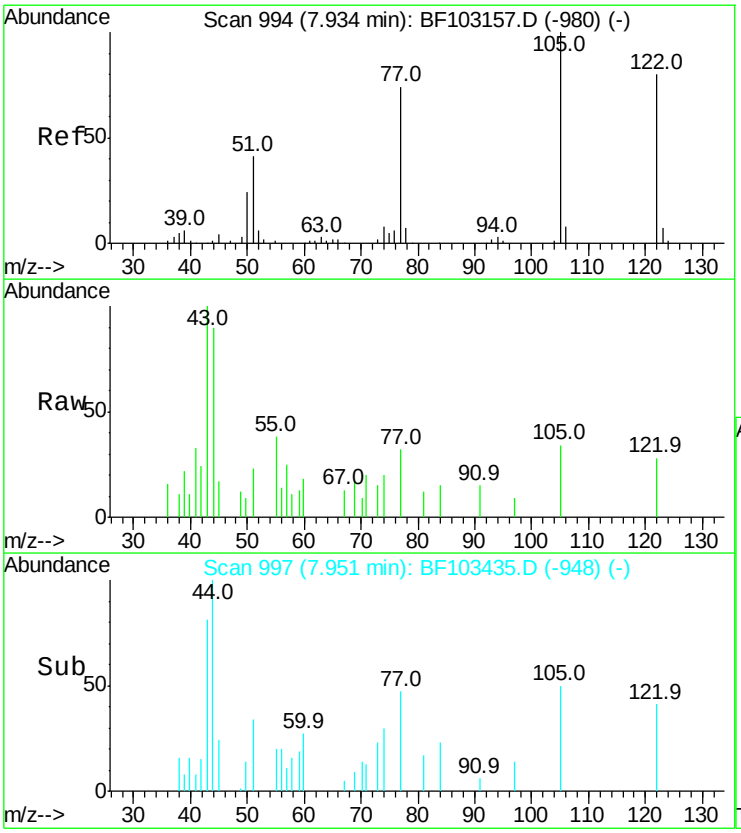
#25
Isophorone
Concen: 35.802 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.25 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 632704

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

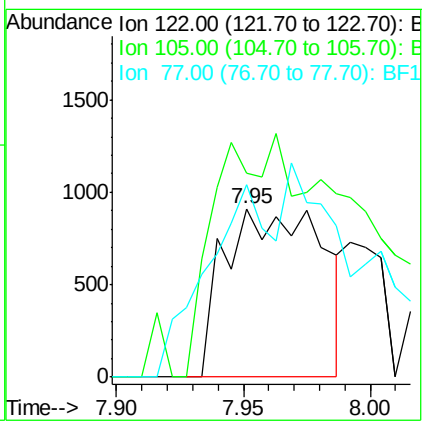


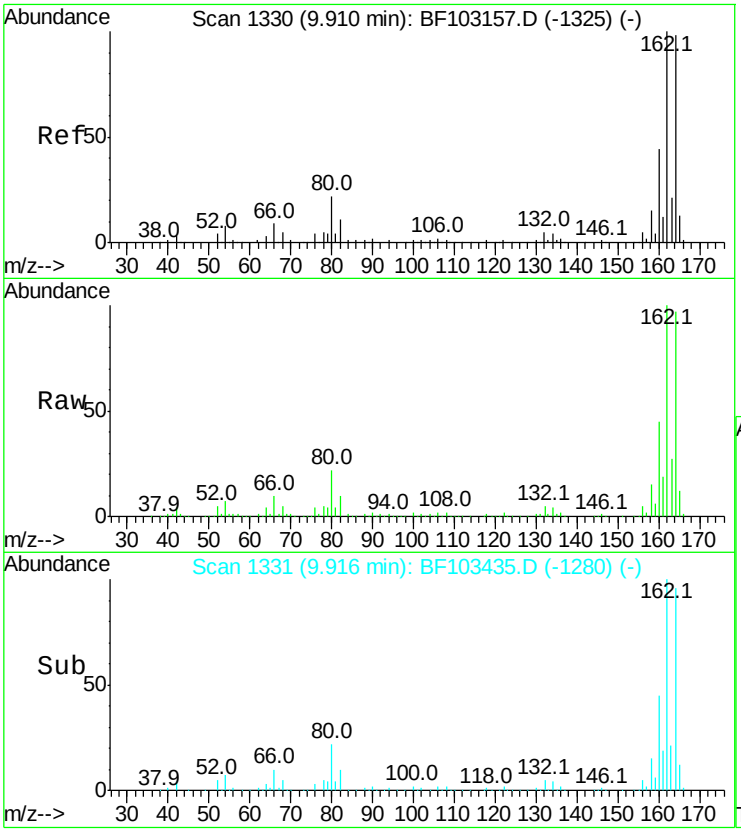


#32
Benzoic acid
Concen: 7.308 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Tgt Ion:122 Resp: 2430

Ion	Ratio	Lower	Upper
122	100		
105	120.8	101.1	141.1
77	114.3	70.7	110.7#



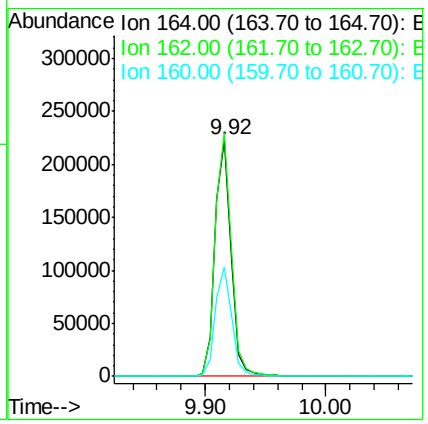


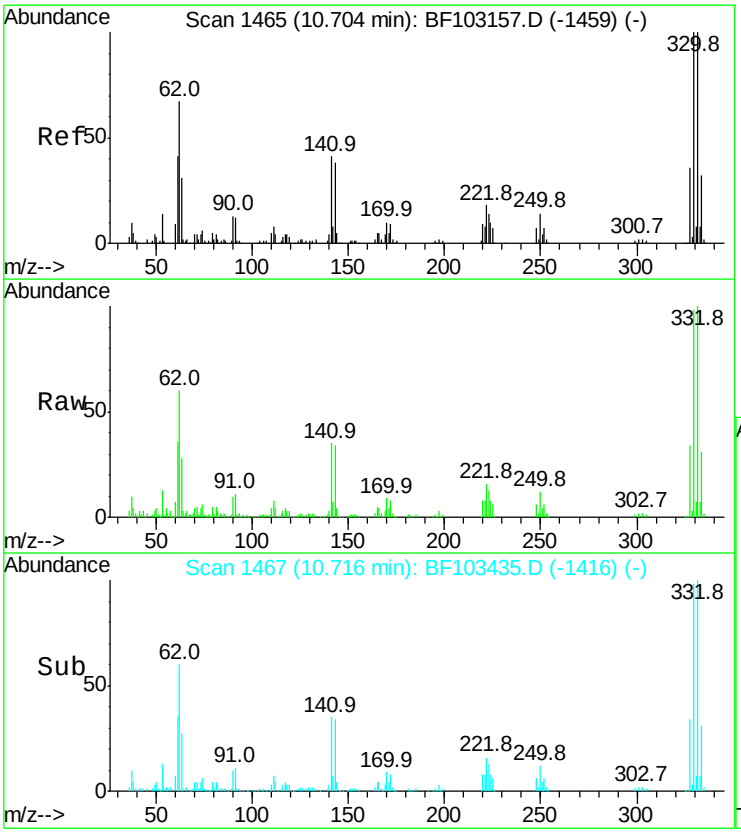
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 202588

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.3	38.3	57.5

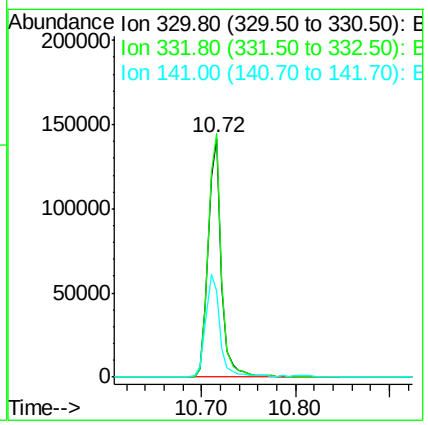


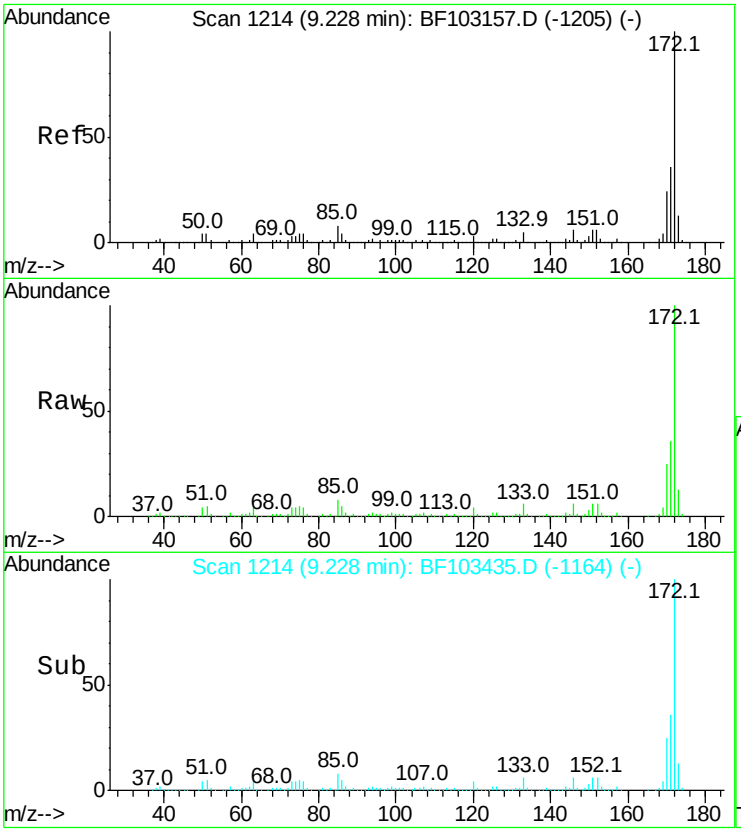


#41
2,4,6-Tribromophenol
Concen: 82.462 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Tgt Ion:330 Resp: 141406

Ion	Ratio	Lower	Upper
330	100		
332	101.4	77.0	115.6
141	46.6	29.9	44.9#



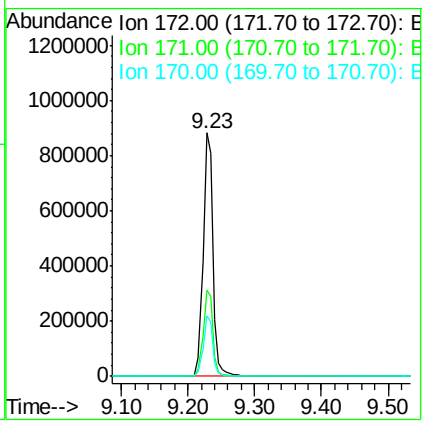


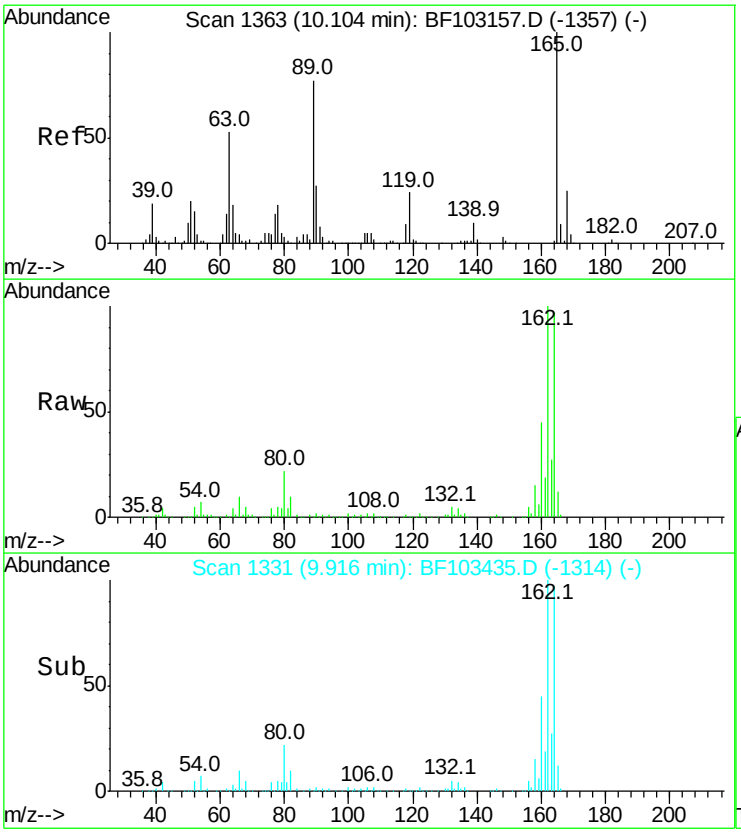
#44
2-Fluorobiphenyl
Concen: 73.028 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 888383

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.8	19.6	29.4

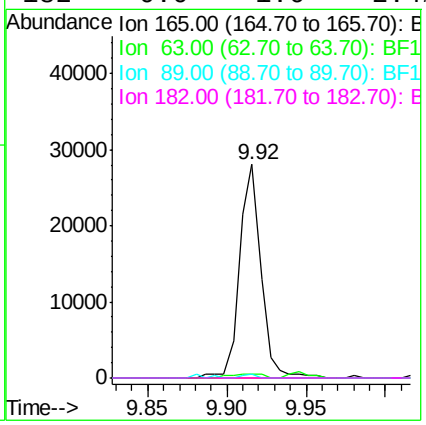


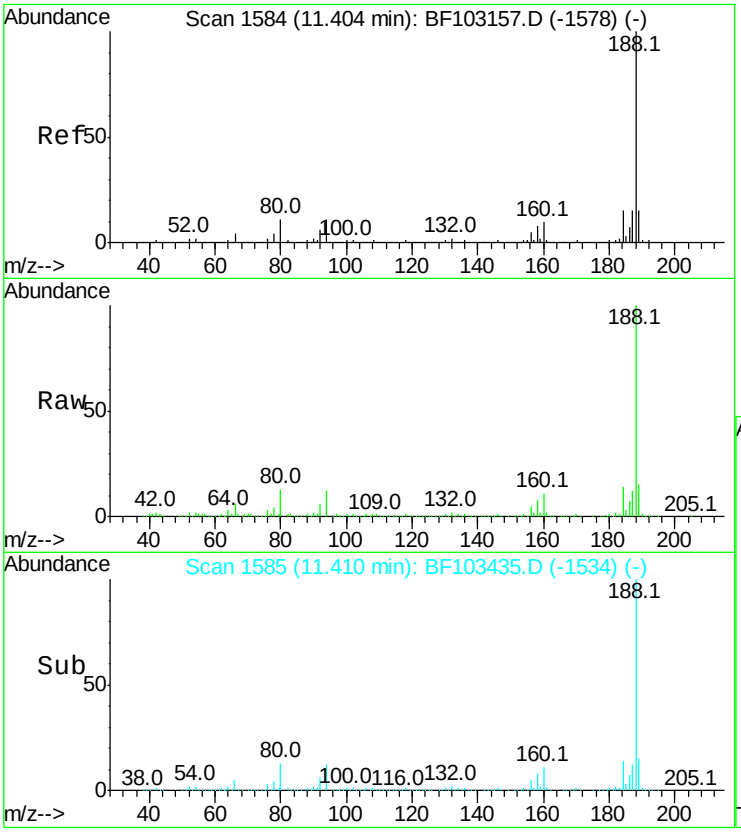


#56
2,4-Dinitrotoluene
Concen: 6.082 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.20 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Tgt Ion:165 Resp: 26235

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



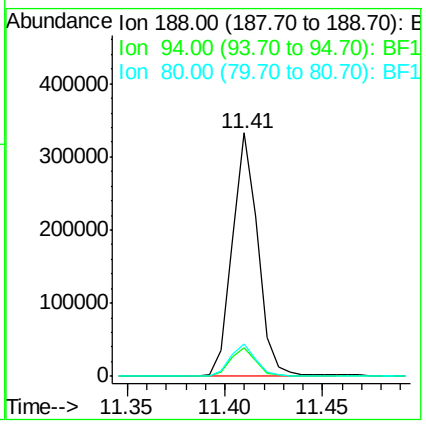


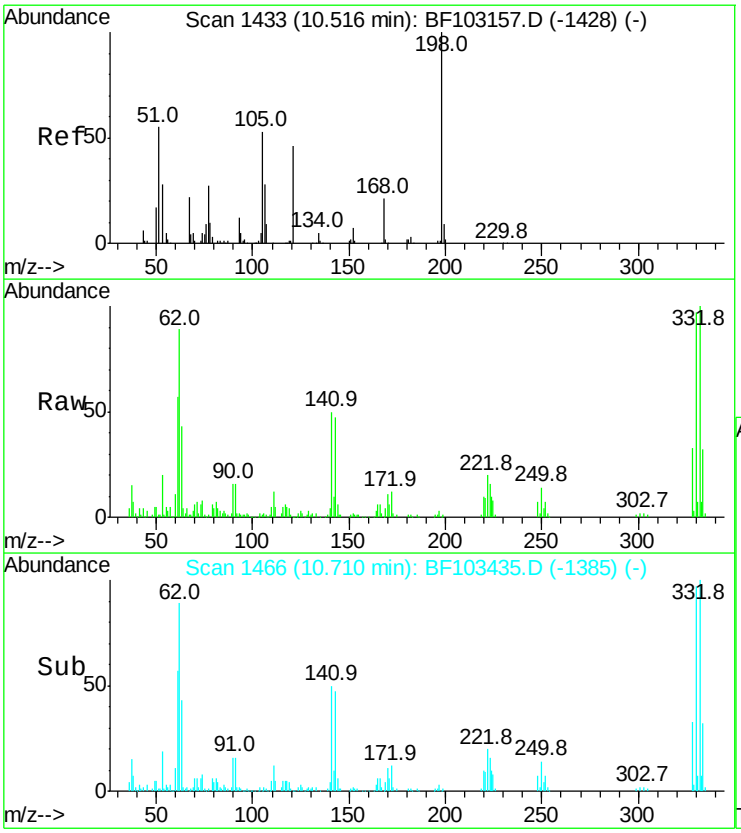
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 301966

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	13.2	9.2	13.8

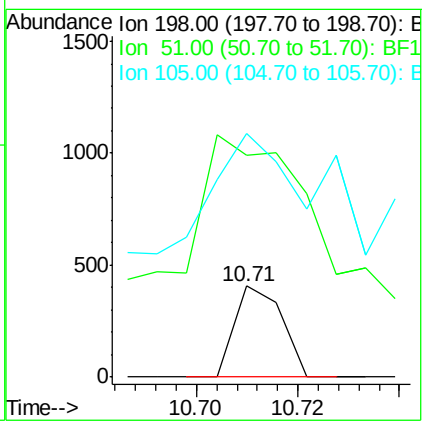


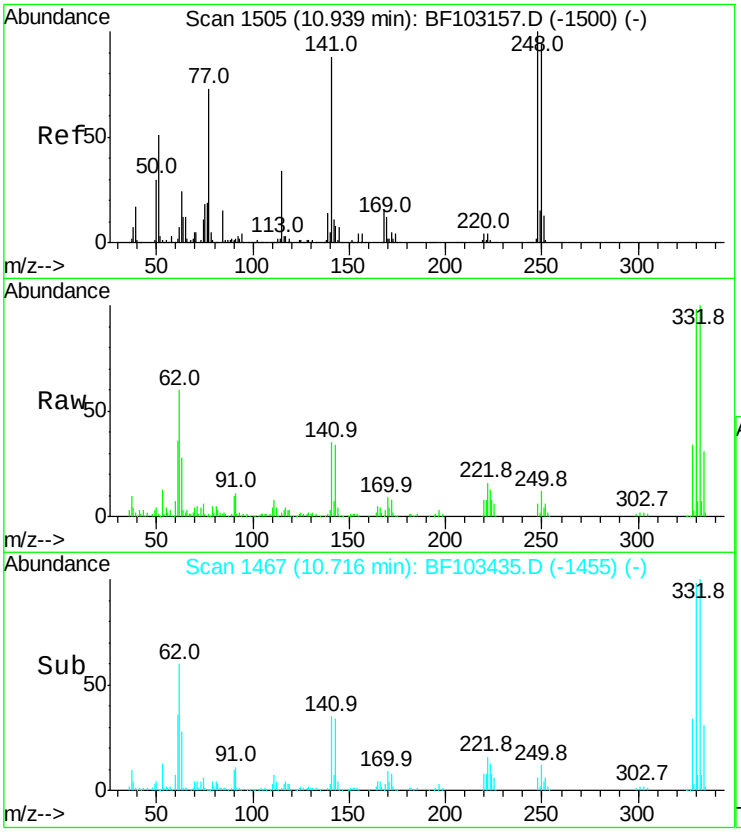


#64
4,6-Dinitro-2-methylphenol
Concen: 5.072 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.18 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Tgt Ion:198 Resp: 260

Ion	Ratio	Lower	Upper
198	100		
51	244.7	37.7	77.7#
105	268.6	36.3	76.3#



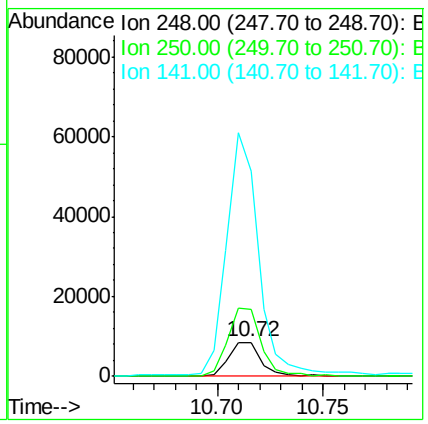


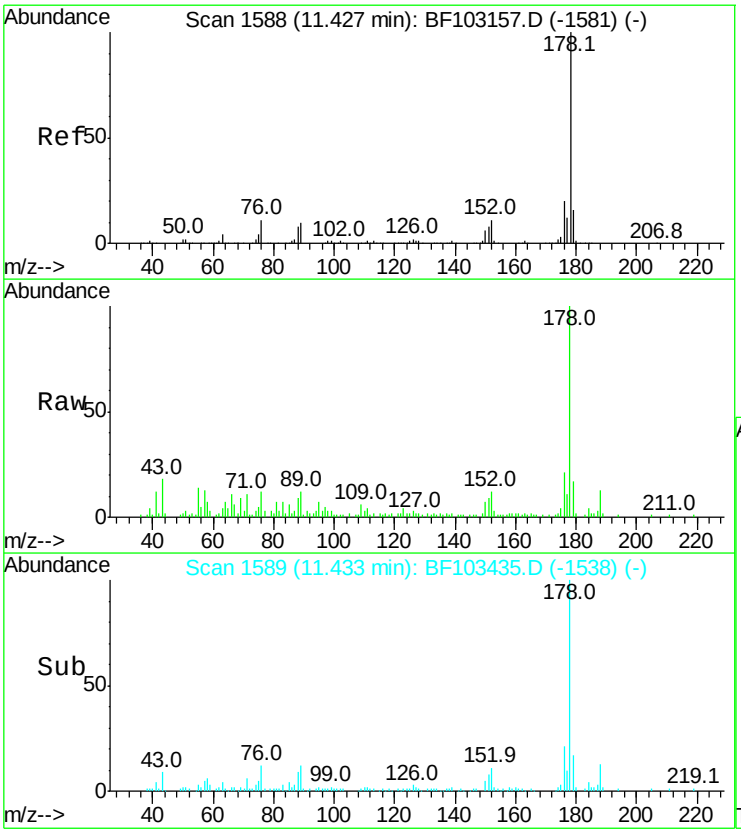
#66
4-Bromophenyl-phenylether
Concen: 2.931 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.23 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9221

Ion	Ratio	Lower	Upper
248	100		
250	195.2	76.9	115.3#
141	597.1	74.4	111.6#

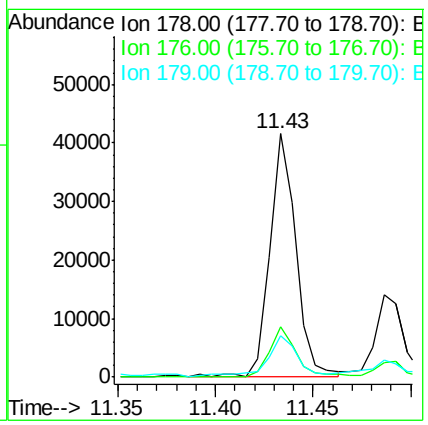


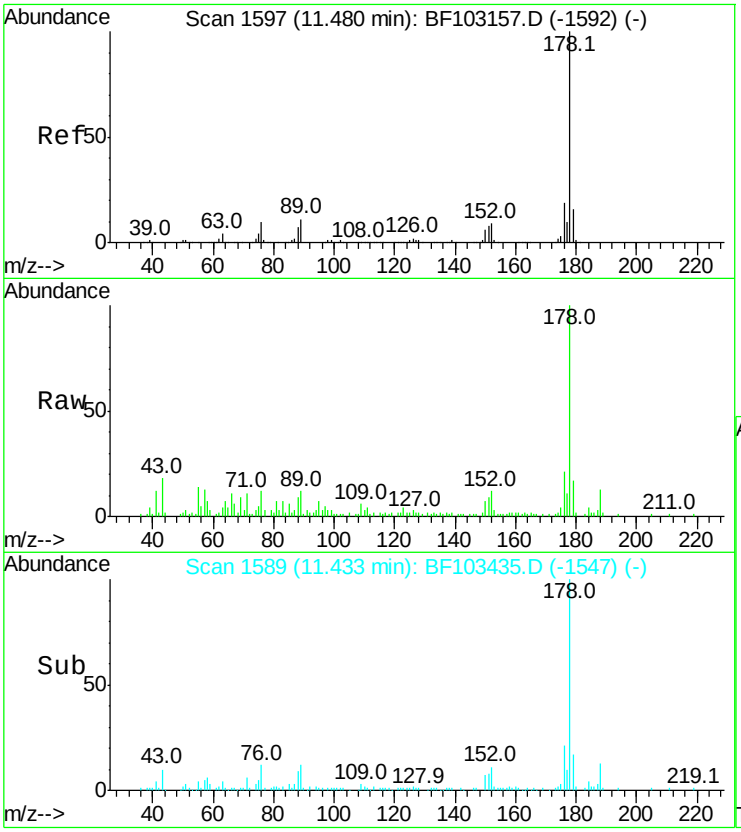


#70
Phenanthrene
Concen: 2.317 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Tgt Ion:178 Resp: 38500

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	17.0	13.0	19.6



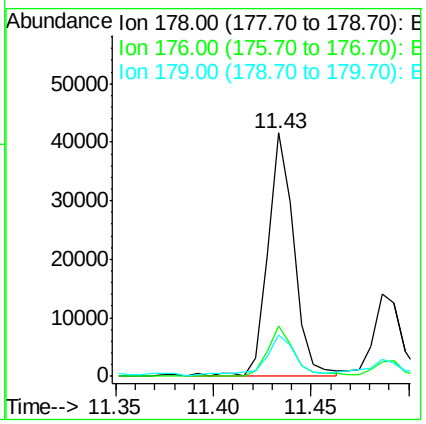


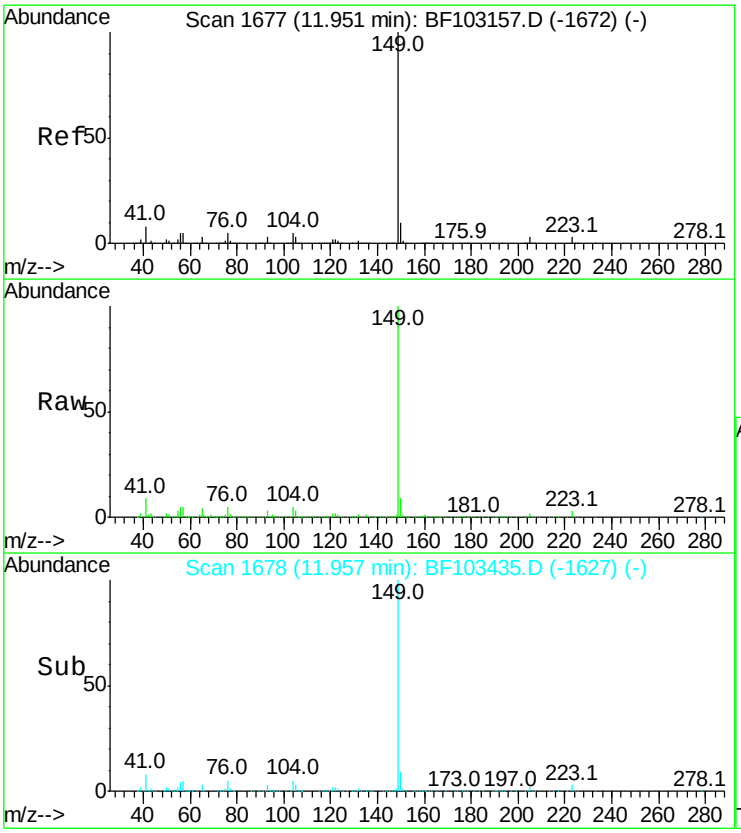
#71
Anthracene
Concen: 2.259 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.05 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 38500

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.4	23.2
179	17.0	12.6	19.0

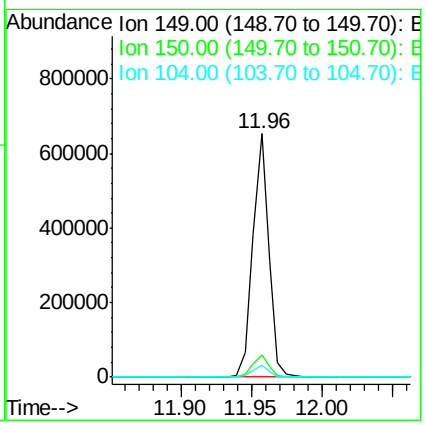


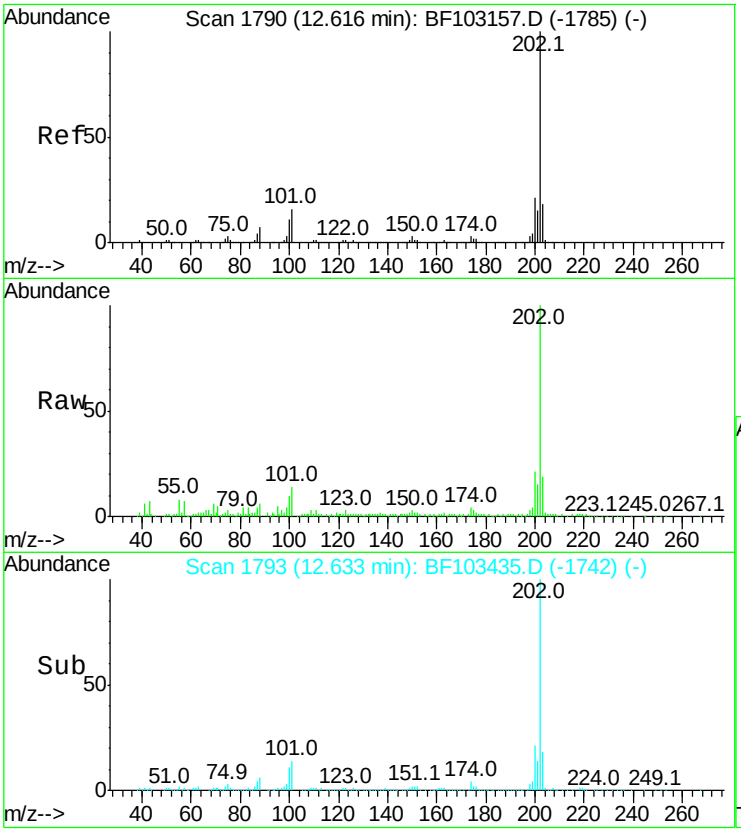


#73
Di-n-butylphthalate
Concen: 24.332 ng
RT: 11.96 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Tgt Ion:149 Resp: 516675

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	4.7	3.8	5.8



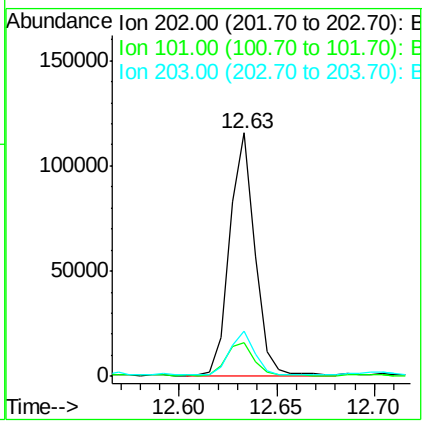


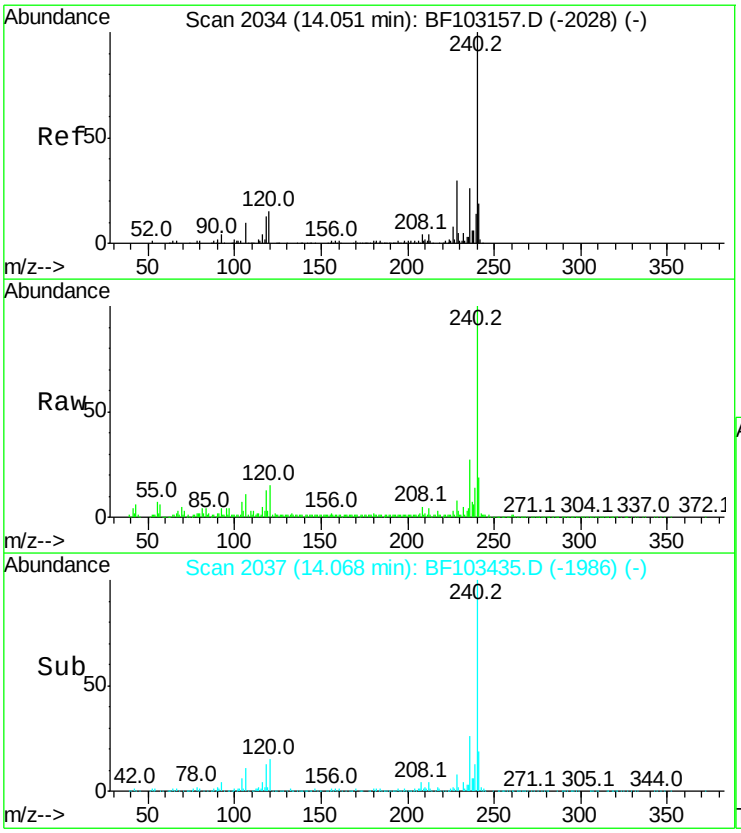
#74
Fluoranthene
Concen: 6.168 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 103003

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.1
203	18.7	0.0	38.1

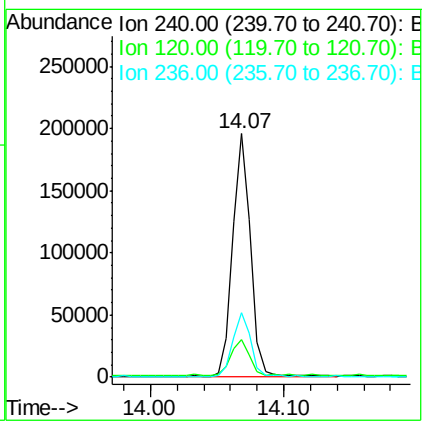


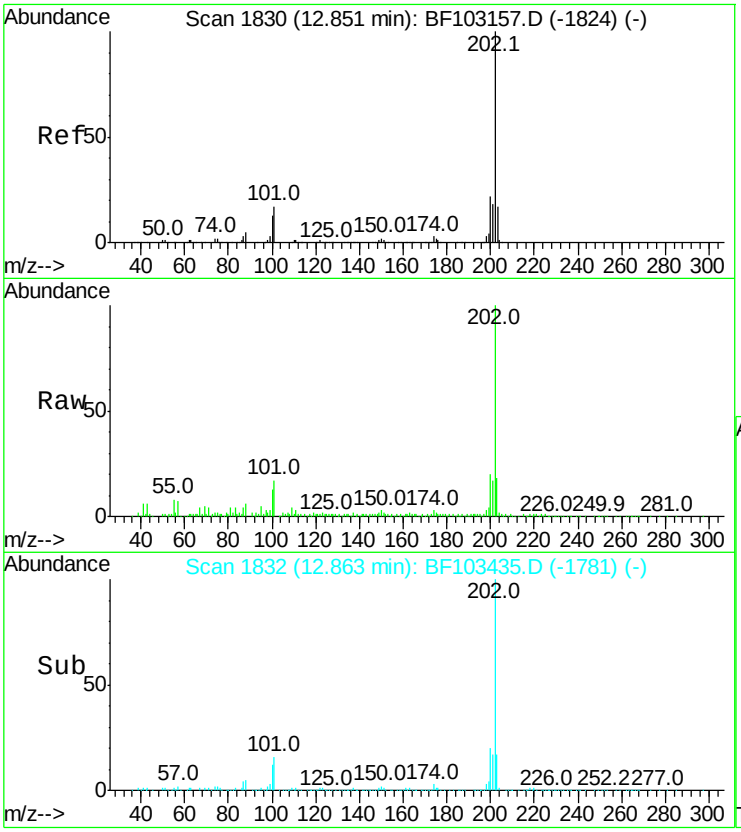


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Tgt Ion:240 Resp: 182747

Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	26.6	20.7	31.1



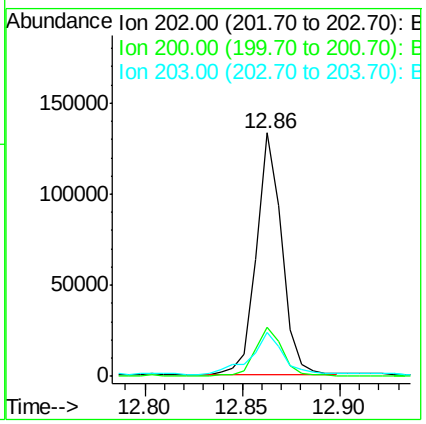


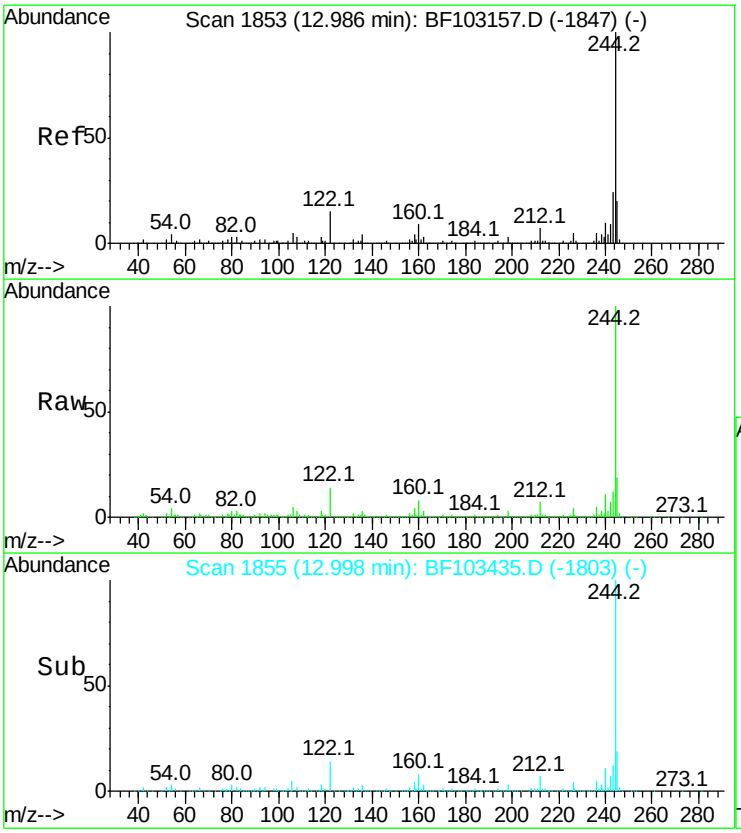
#77
Pyrene
Concen: 8.466 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 120629

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.8	14.3	21.5

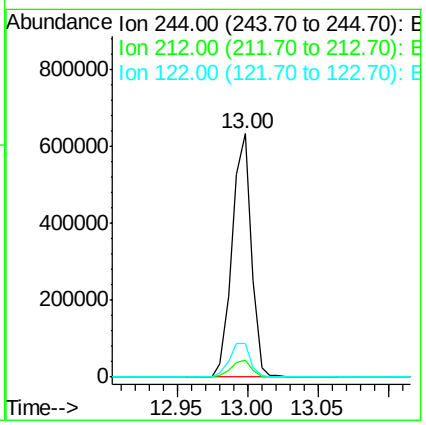


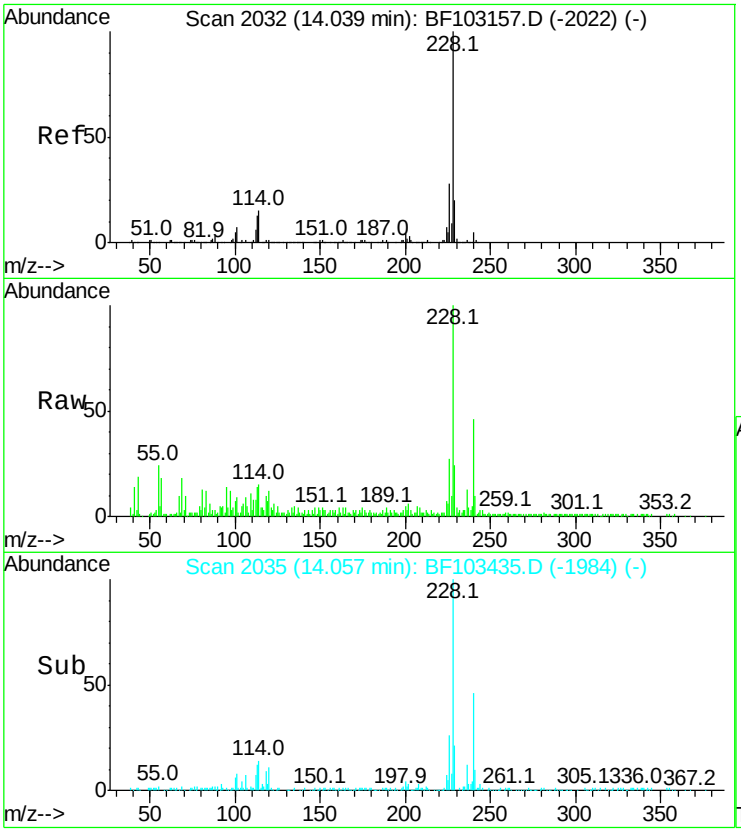


#78
Terphenyl-d14
Concen: 78.862 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Tgt Ion:244 Resp: 599526

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.8	11.0	16.4



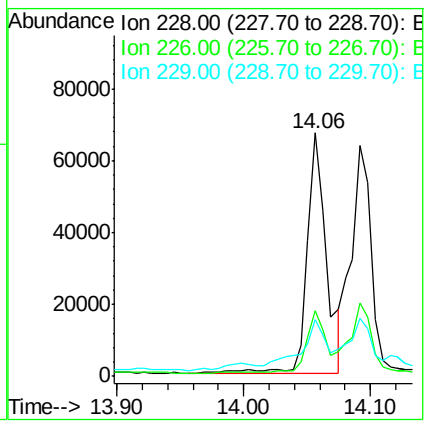


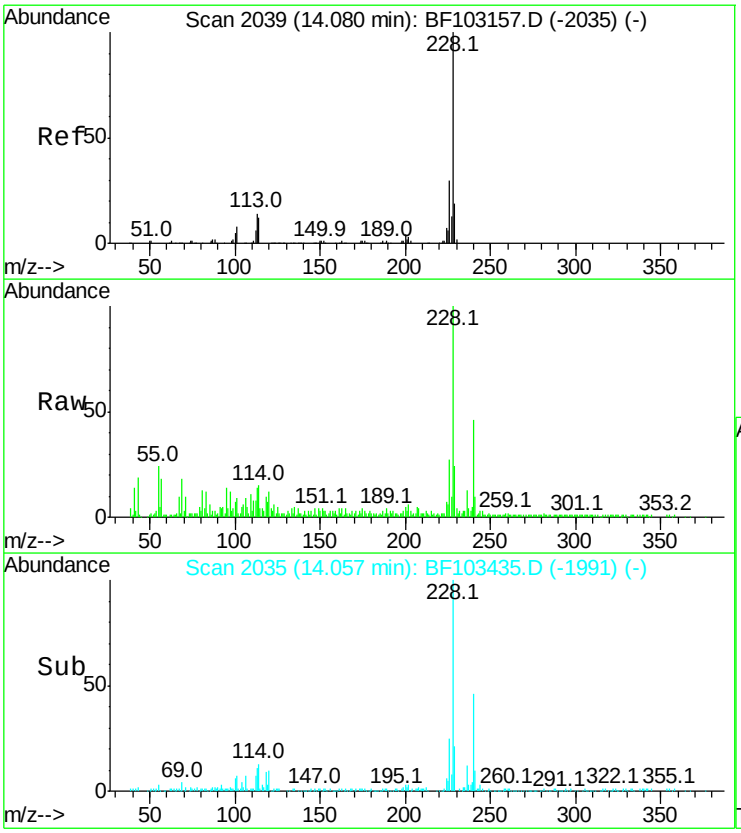
#80
Benzo(a)anthracene
Concen: 6.027 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 71466

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	23.5	15.8	23.6

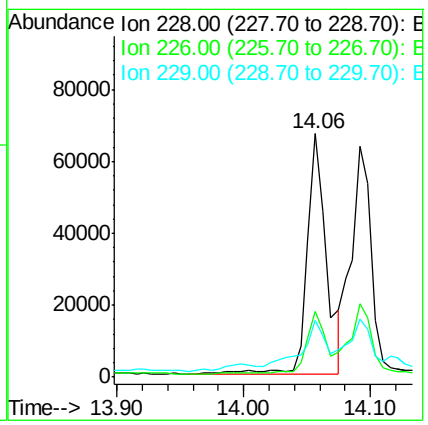


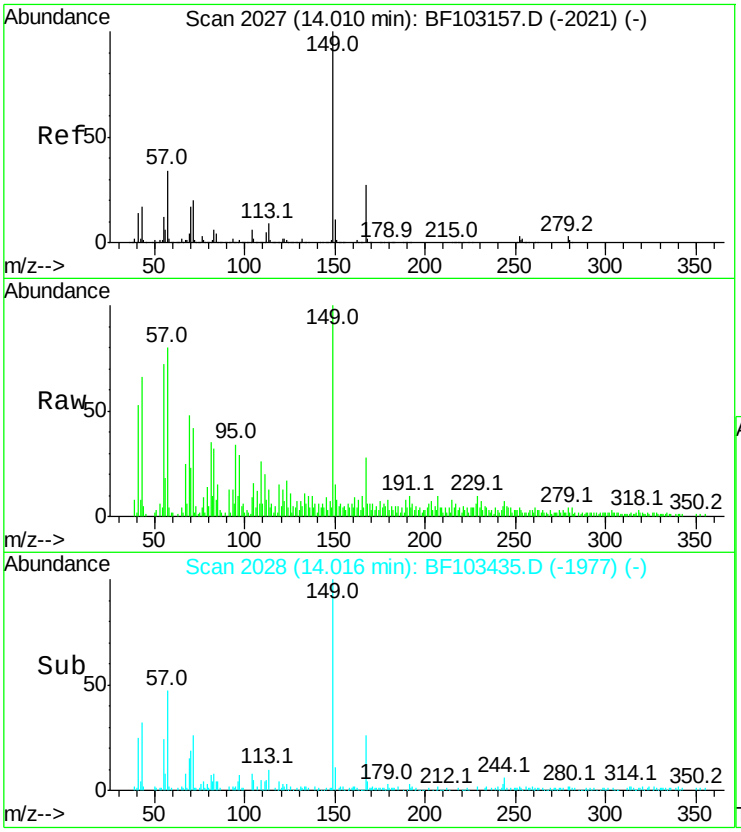


#82
Chrysene
Concen: 6.207 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.04 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Tgt Ion:228 Resp: 71466

Ion	Ratio	Lower	Upper
228	100		
226	27.2	25.0	37.6
229	23.5	16.2	24.4



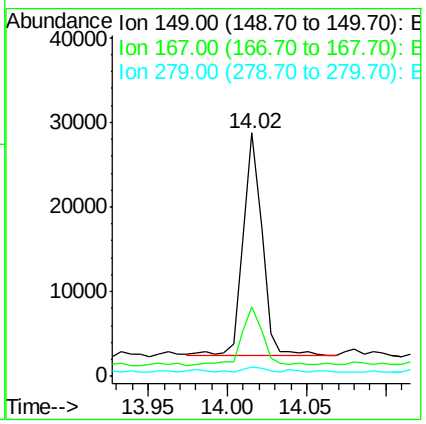


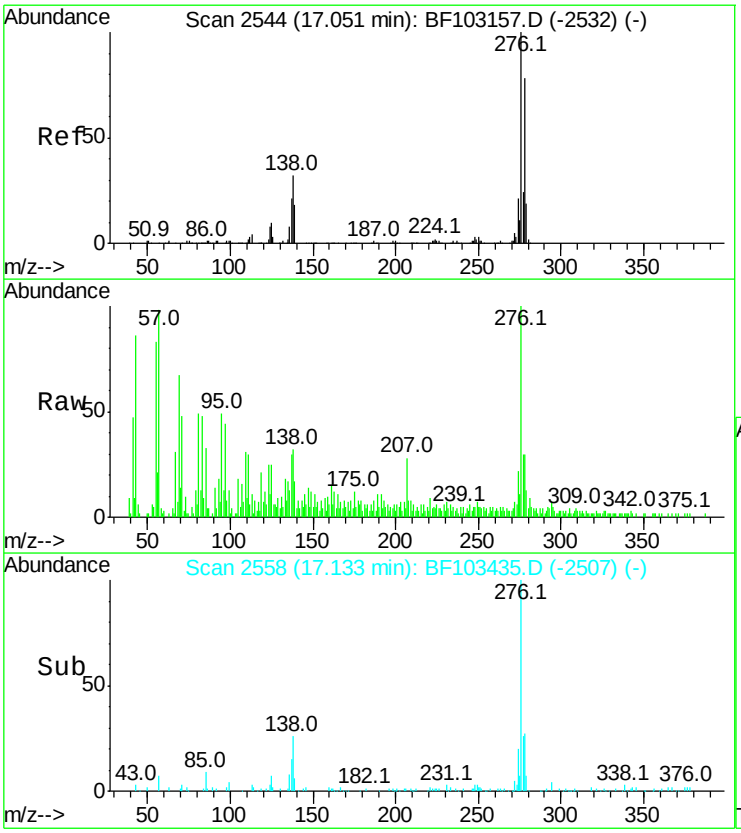
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.130 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 21639

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.3	31.9
279	3.6	3.0	4.4

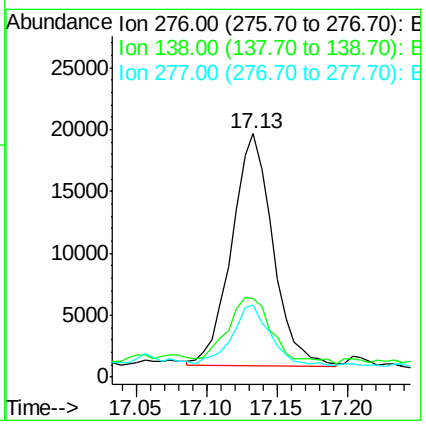


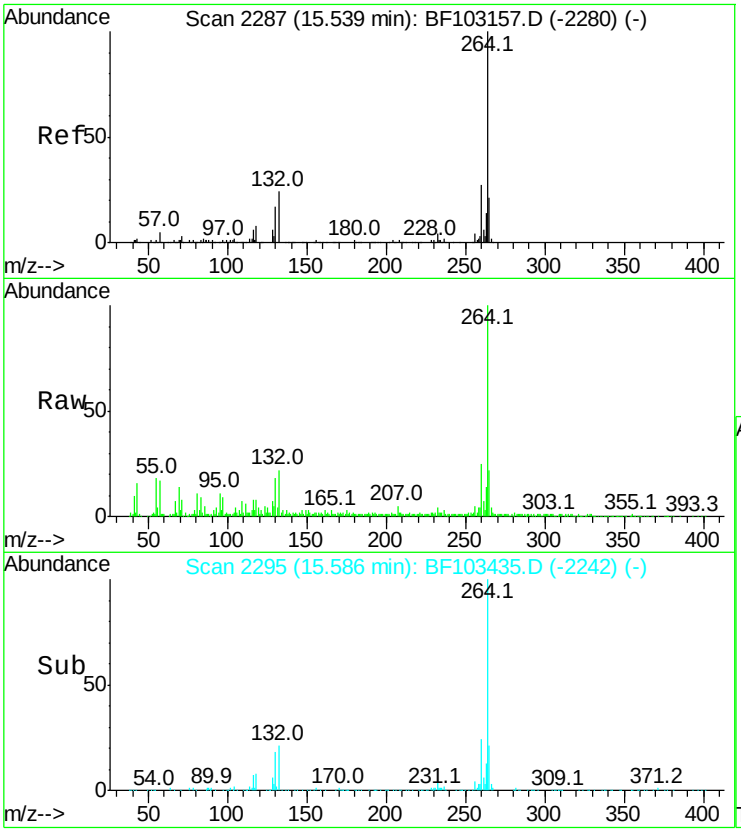


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.229 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.00 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Tgt Ion:276 Resp: 38548

Ion	Ratio	Lower	Upper
276	100		
138	31.0	25.0	37.6
277	24.5	20.1	30.1



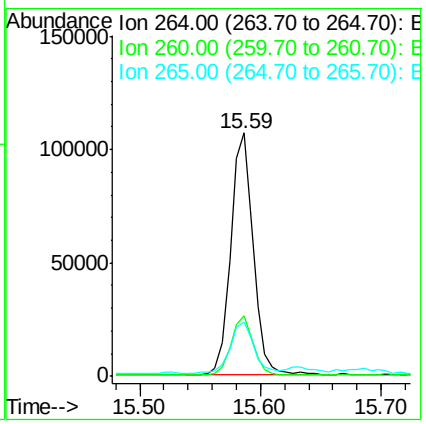


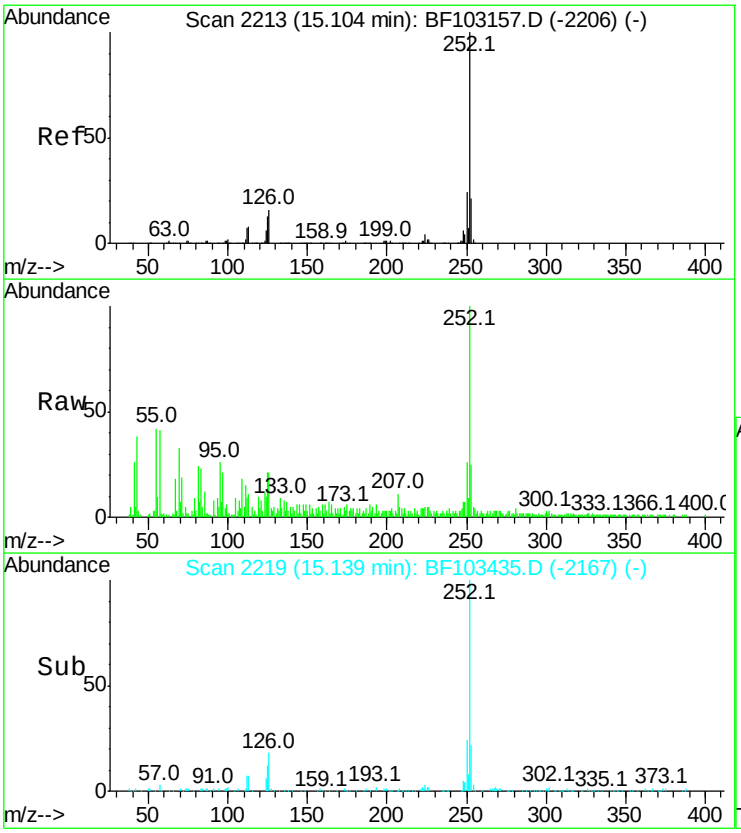
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 138881

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.5	17.5	26.3

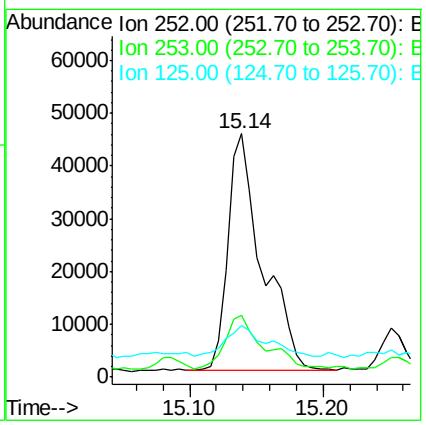


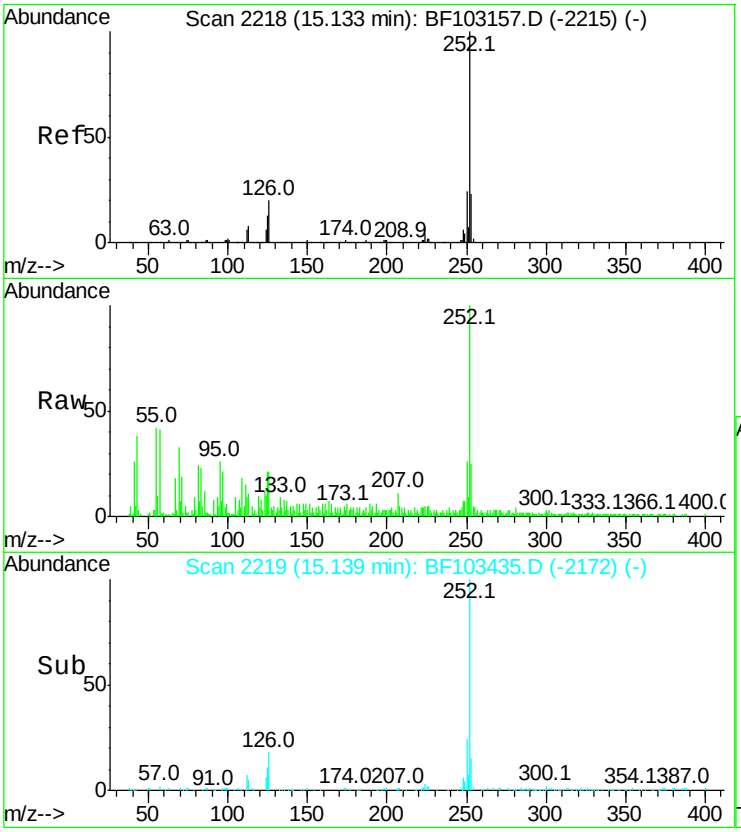


#87
Benzo(b)fluoranthene
Concen: 8.940 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Tgt Ion:252 Resp: 81637

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.6
125	21.0	9.0	13.6#



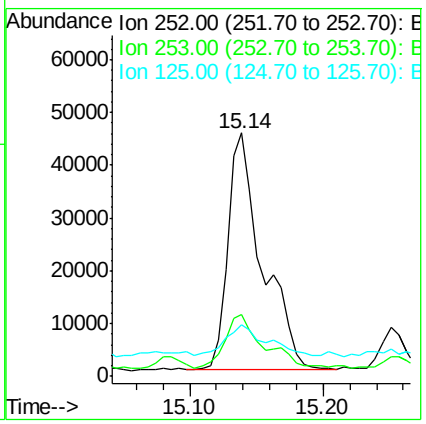


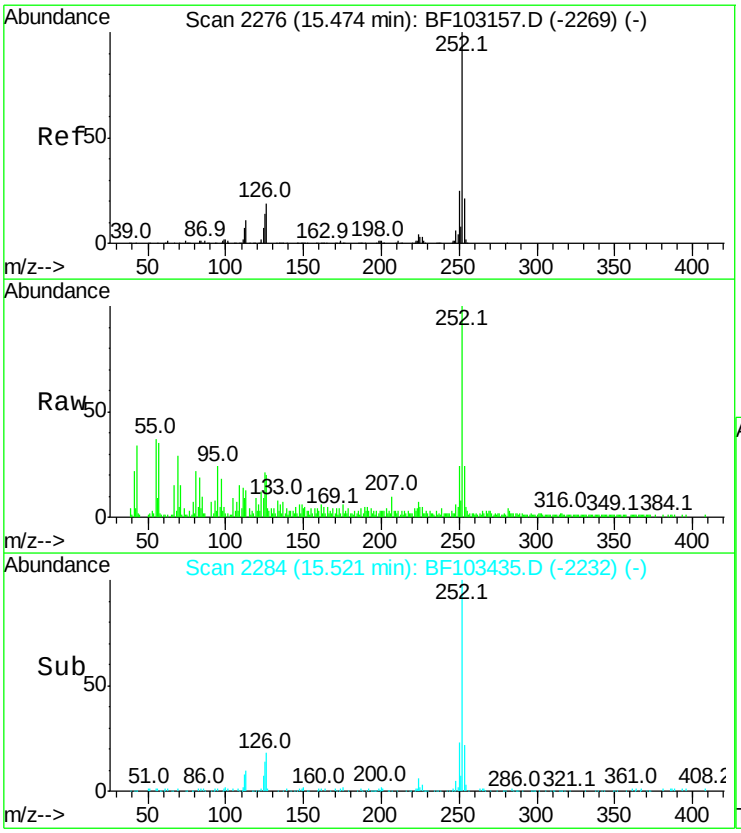
#88
Benzo(k)fluoranthene
Concen: 9.494 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 81637

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	21.0	10.2	15.2#

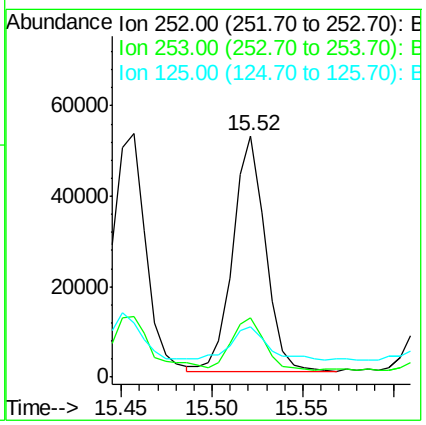


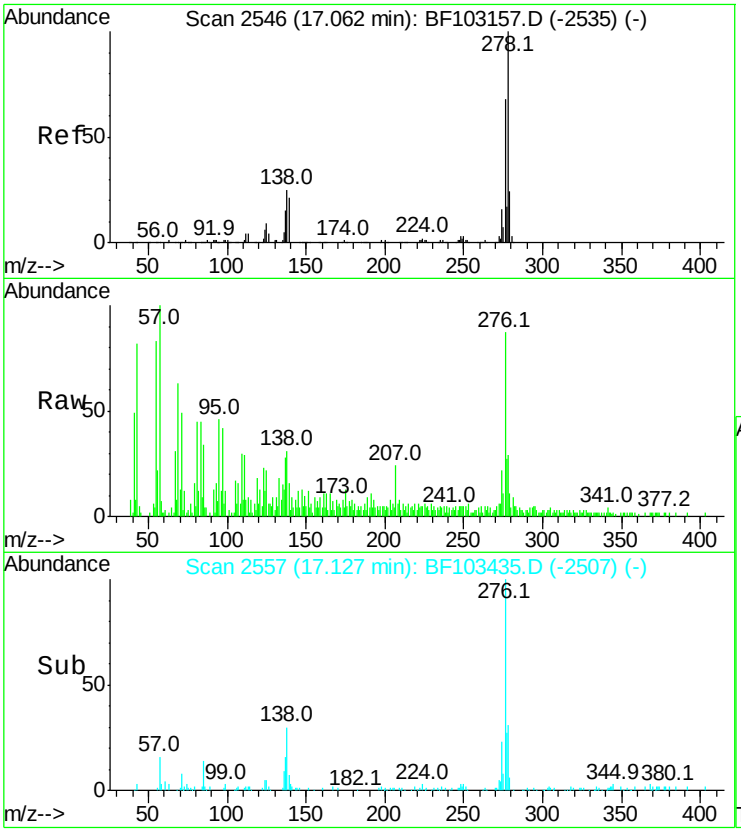


#89
Benzo(a)pyrene
Concen: 8.044 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Tgt Ion:252 Resp: 65590

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	20.8	9.8	14.6#



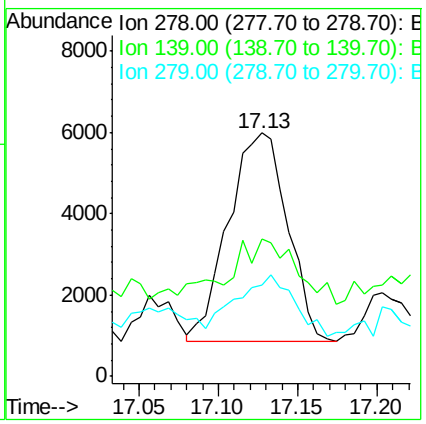


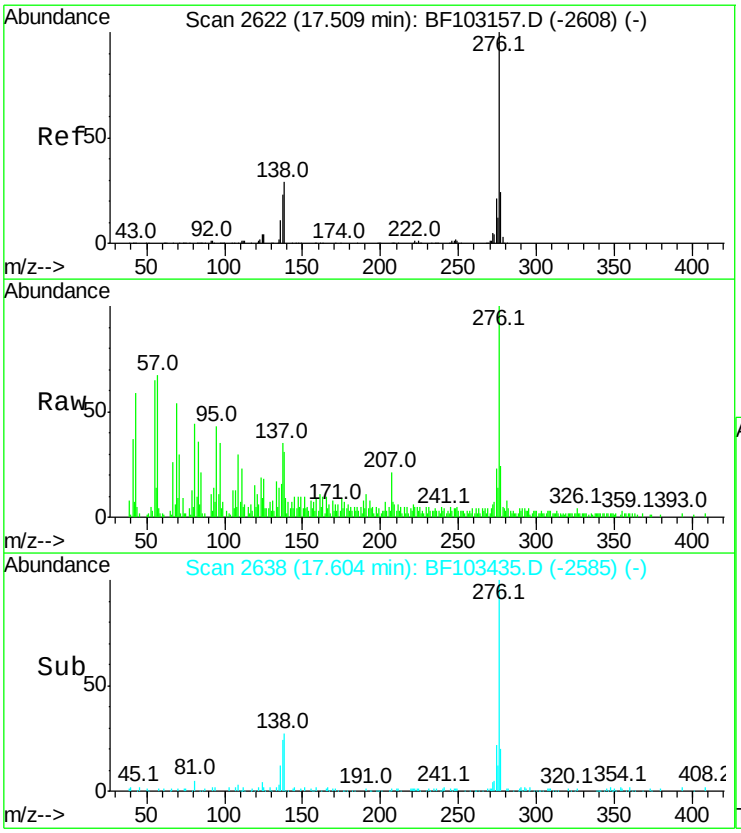
#90
Dibenzo(a,h)anthracene
Concen: 2.109 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 13290

Ion	Ratio	Lower	Upper
278	100		
139	66.2	15.9	23.9#
279	37.7	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 8.375 ng
RT: 17.60 min Scan# 2638
Delta R.T. 0.01 min
Lab File: BF103435.D
Acq: 6 Mar 2018 3:05

Tgt Ion:276 Resp: 51577

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	30.8	21.8	32.8