Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103386.D
Acq On : 3 Mar 2018 00:34
Operator : SJ/JU
Sample : J1724-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Time: Mar 03 02:48:26 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 02 13:28:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144305	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	571877	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	215274	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	305983	20.00	ng		0.00
75) Chrysene-d12	14.07	240	225205	20.00	ng		0.00
86) Perylene-d12	15.57	264	151522	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	935865	98.09	ng		0.00
7) Phenol-d6	6.52	99	1109325	95.02	ng		0.00
23) Nitrobenzene-d5	7.45	82	720253	71.93	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	137084	75.23	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	969888	75.57	ng		0.00
78) Terphenyl-d14	13.00	244	644001	68.74	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	1124	Below Cal		#	56
10) Phenol	6.53	94	94969	7.007	ng		88
19) n-Nitroso-di-n-propylamine	7.45	70	97903	13.474	ng	#	84
25) Isophorone	7.45	82	720248	36.519	ng	#	64
32) Benzoic acid	7.97	122	114	6.930	ng	#	31
49) Dimethylphthalate	9.63	163	83349	4.826	ng		99
55) 4-Nitrophenol	10.13	139	6551	2.299	ng	#	24
56) 2,4-Dinitrotoluene	9.92	165	28661	6.253	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.72	198	322	5.100	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	9310	2.921	ng	#	1
70) Phenanthrene	11.44	178	147026	8.731	ng		98
71) Anthracene	11.49	178	51858	3.003	ng		96
74) Fluoranthene	12.63	202	314171	18.566	ng		98
77) Pyrene	12.86	202	316851	18.046	ng		100
80) Benzo(a)anthracene	14.06	228	149410	10.225	ng		98
82) Chrysene	14.09	228	141715	9.988	ng		98
85) Indeno(1,2,3-cd)pyrene	17.11	276	50438	4.490	ng		98
87) Benzo(b)fluoranthene	15.13	252	185791	18.649	ng	#	89
88) Benzo(k)fluoranthene	15.13	252	185791	19.805	ng	#	92
89) Benzo(a)pyrene	15.51	252	93210	10.477	ng	#	91
90) Dibenzo(a,h)anthracene	17.12	278	13841	2.013	ng	#	56
91) Benzo(g,h,i)perylene	17.59	276	52309	7.786	ng	#	82

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

Quantitation Report (Not Reviewed)

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Data File : BF103386.D
Acq On : 3 Mar 2018 00:34
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ALS Vial : 22 Sample Multiplier: 1

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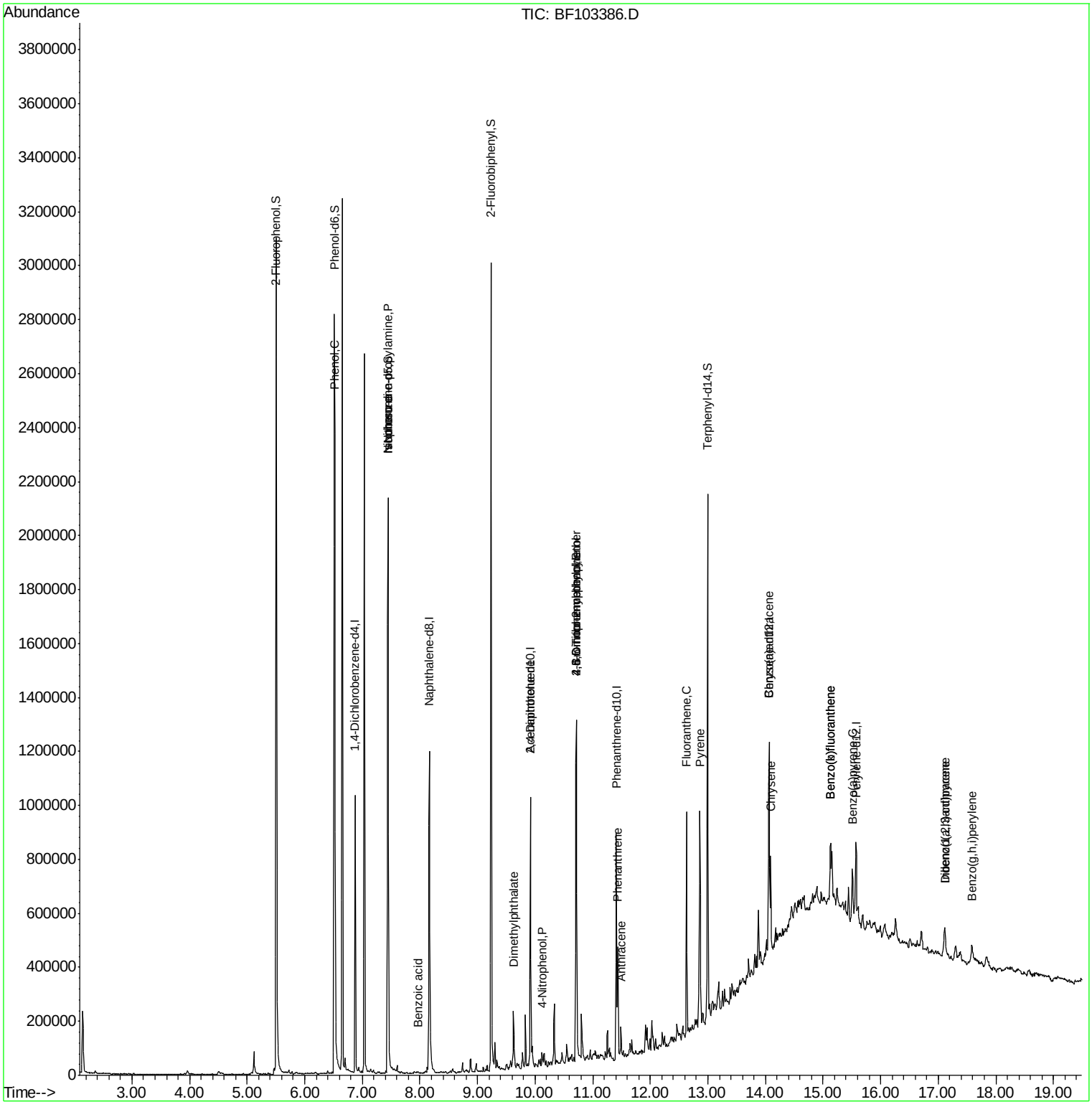
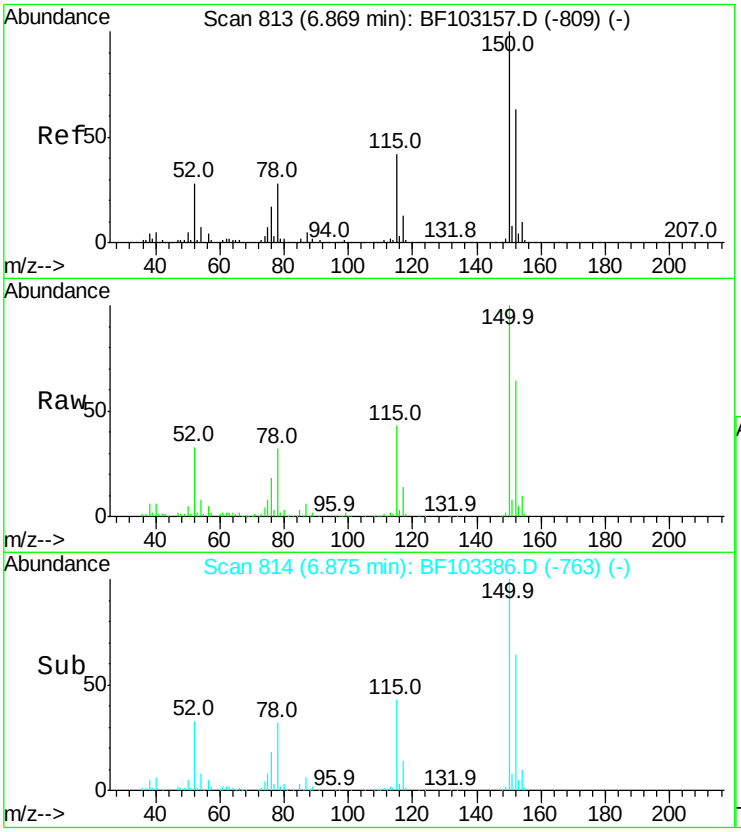


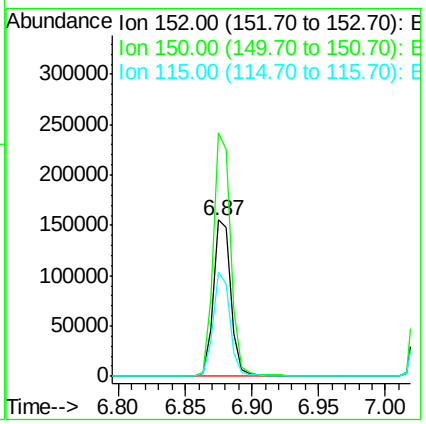


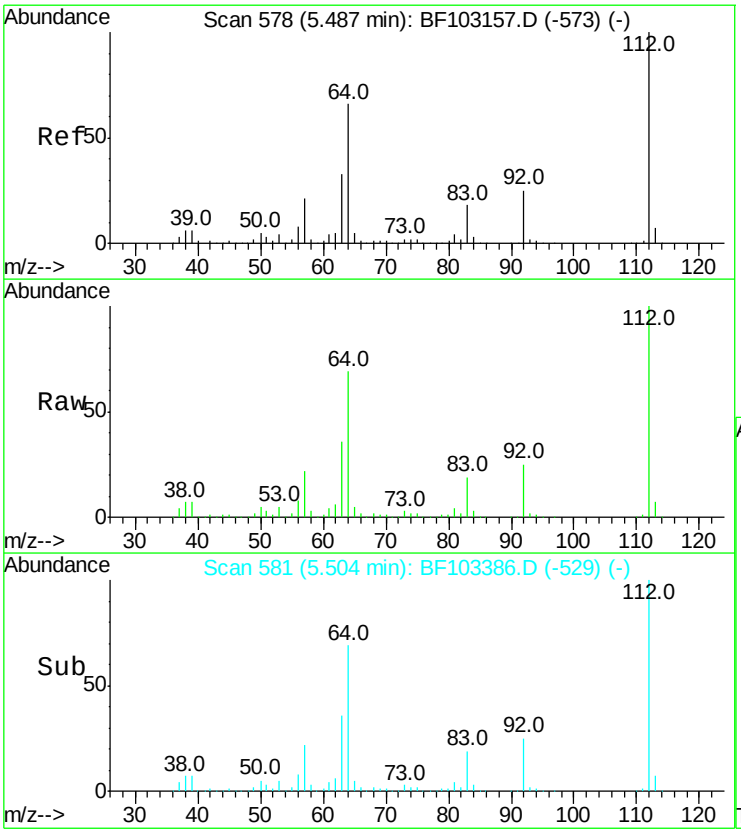
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion:152 Resp: 144305

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	66.9	50.1	75.1

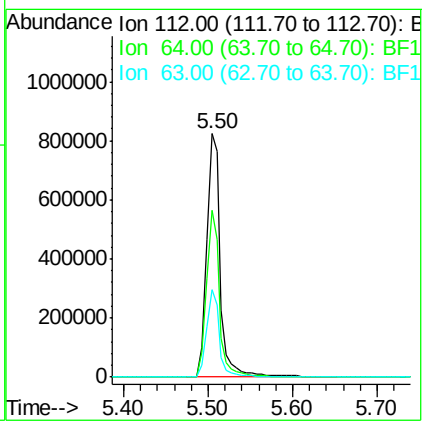


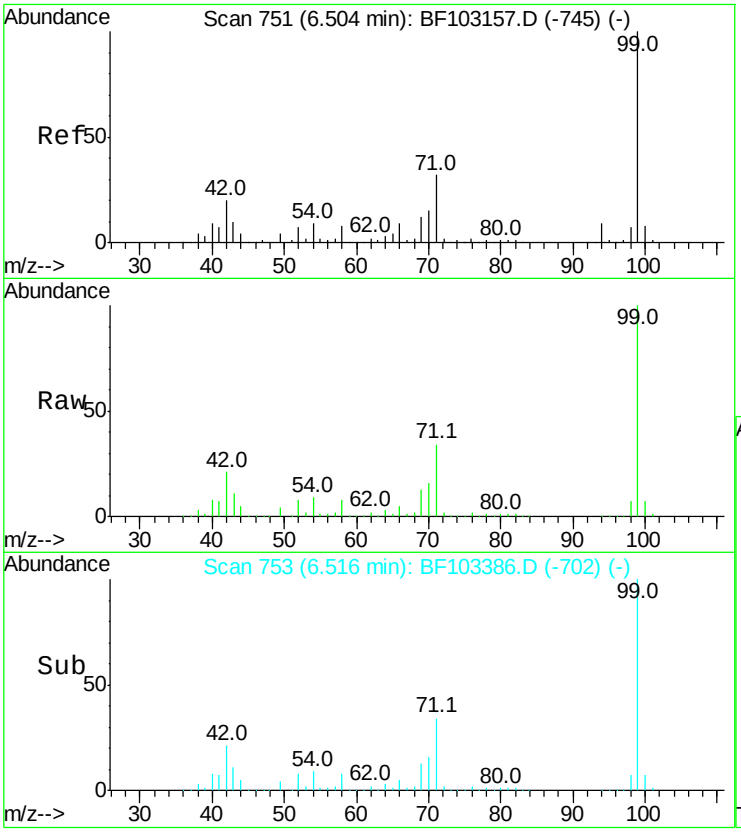


#5
2-Fluorophenol
Concen: 98.086 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Tgt Ion:112 Resp: 935865

Ion	Ratio	Lower	Upper
112	100		
64	68.7	47.9	71.9
63	36.0	23.7	35.5#



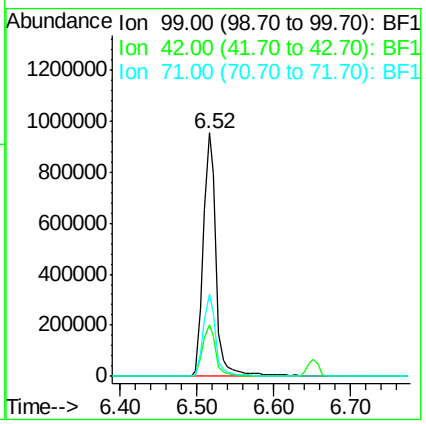


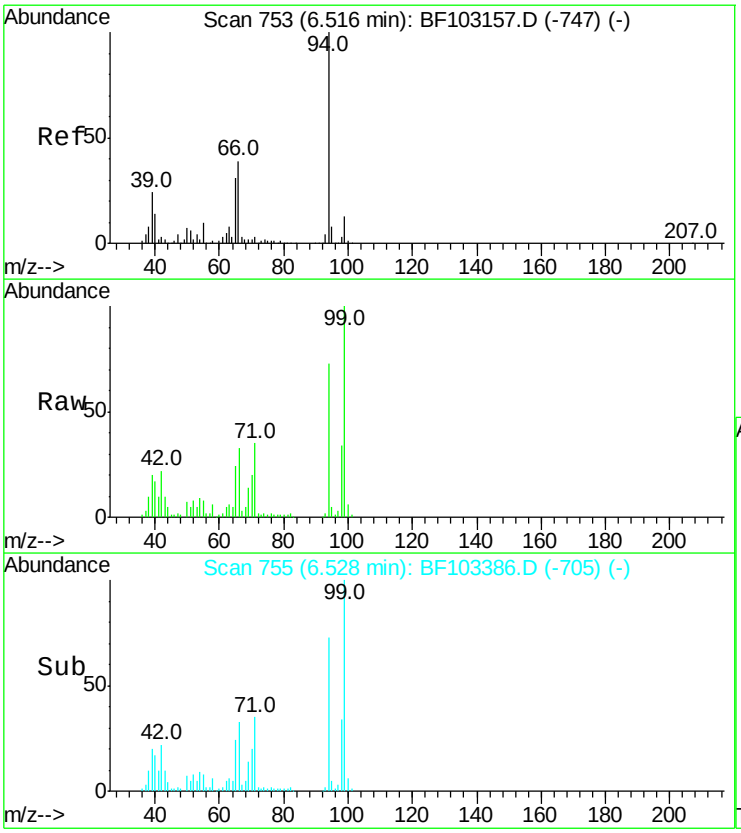
#7
Phenol-d6
Concen: 95.016 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion: 99 Resp: 1109325

Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.5	21.7
71	33.8	25.4	38.0

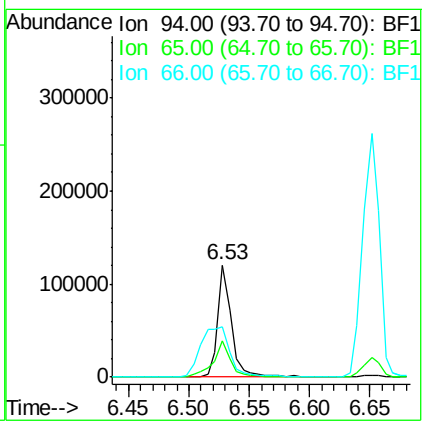


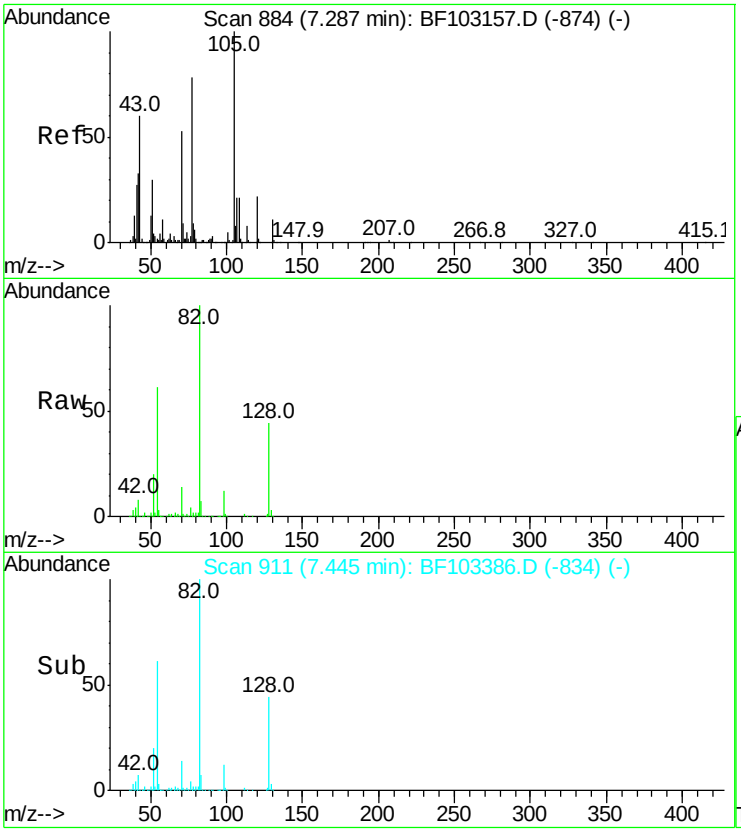


#10
Phenol
Concen: 7.007 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Tgt Ion: 94 Resp: 94969

Ion	Ratio	Lower	Upper
94	100		
65	32.3	7.9	47.9
66	44.7	16.2	56.2



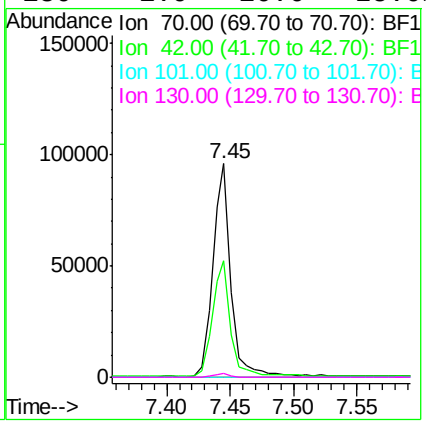


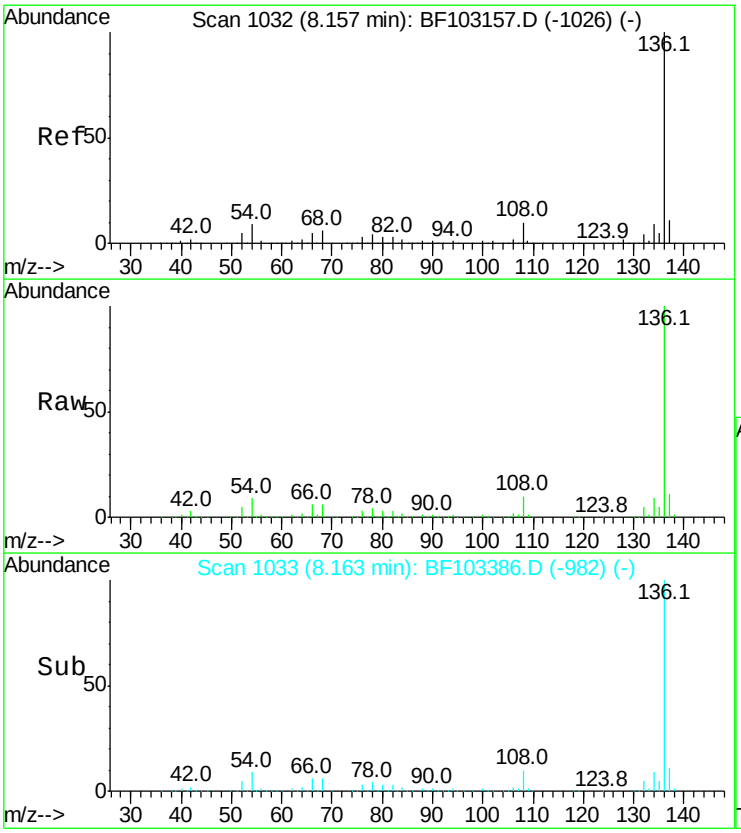
#19
n-Nitroso-di-n-propylamine
Concen: 13.474 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion: 70 Resp: 97903

Ion	Ratio	Lower	Upper
70	100		
42	54.5	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

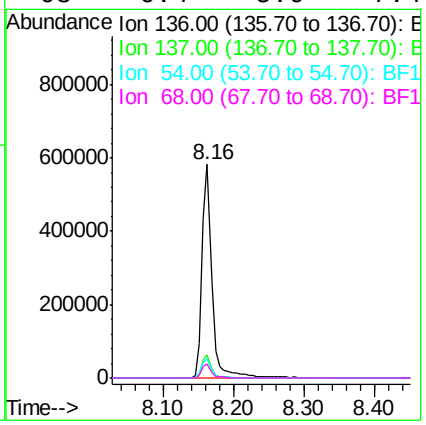


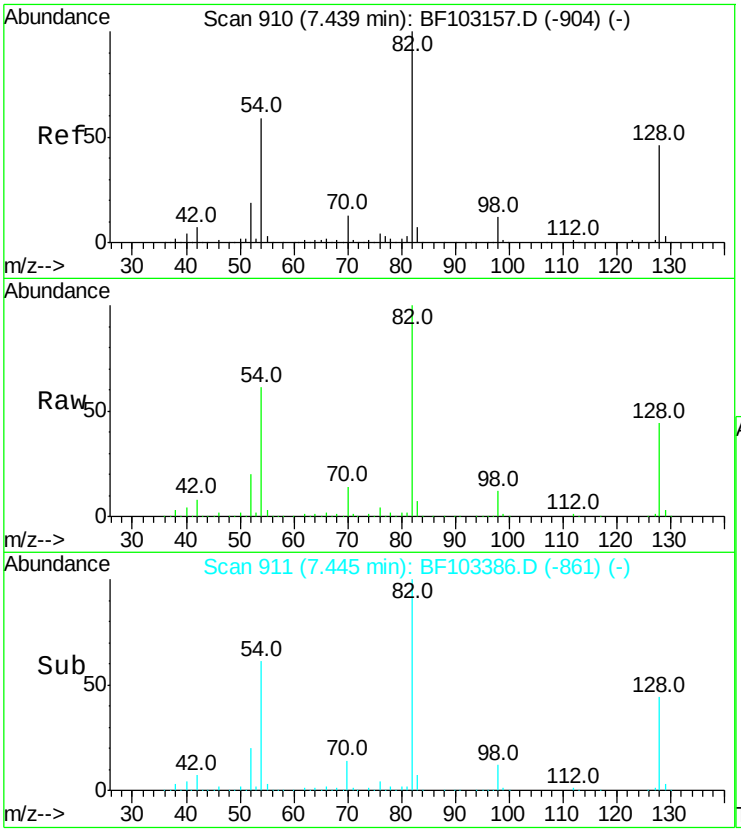


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Tgt Ion:136 Resp: 571877

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.8	6.6	9.8
68	6.4	5.0	7.4



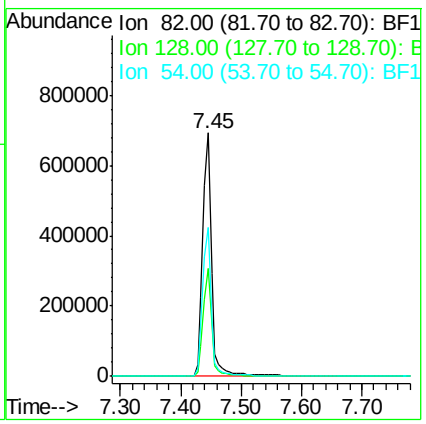


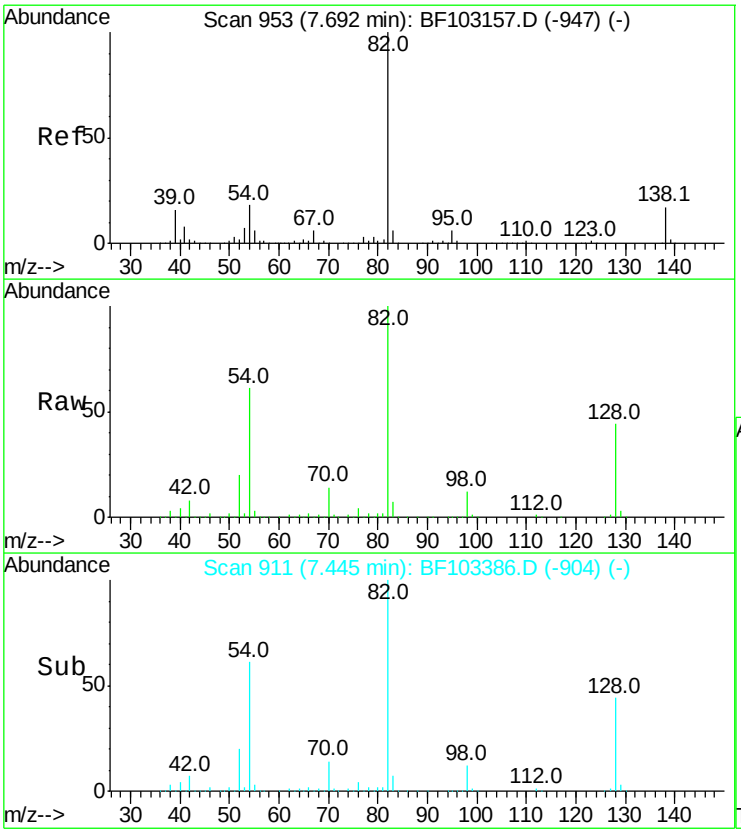
#23
Nitrobenzene-d5
Concen: 71.925 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion: 82 Resp: 720253

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	61.0	41.4	62.2

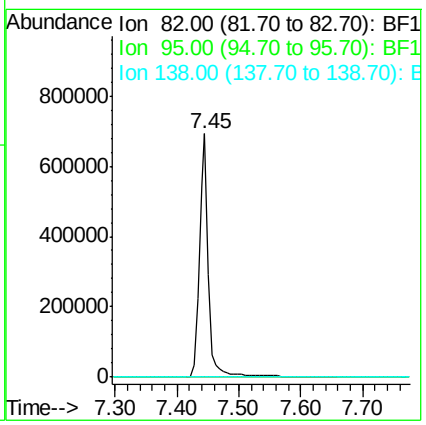


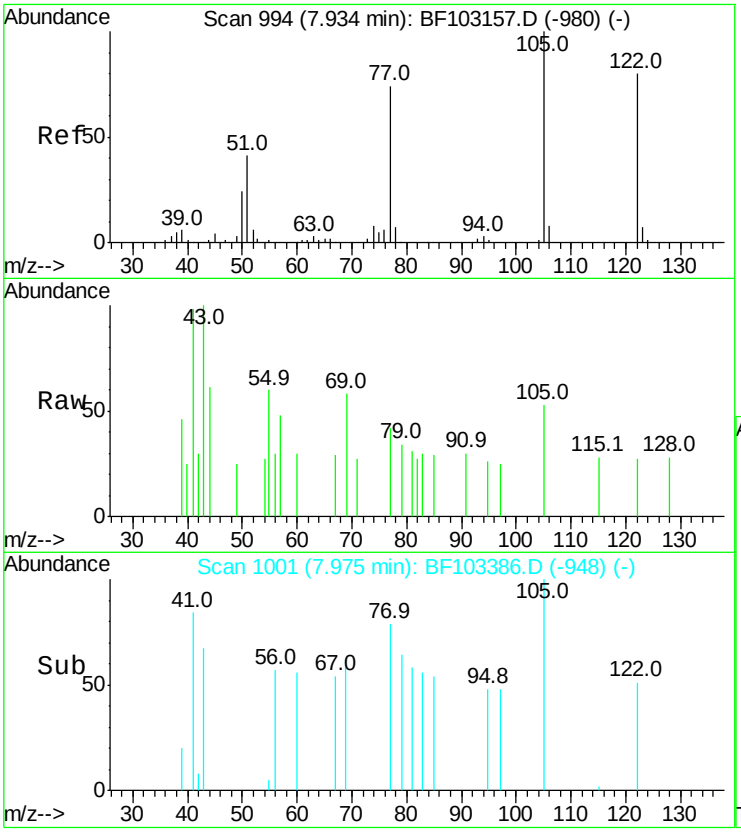


#25
Isophorone
Concen: 36.519 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Tgt Ion: 82 Resp: 720248

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



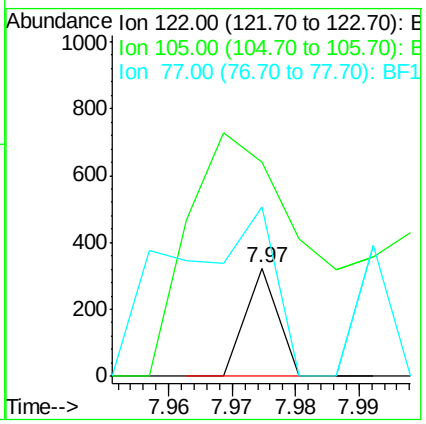


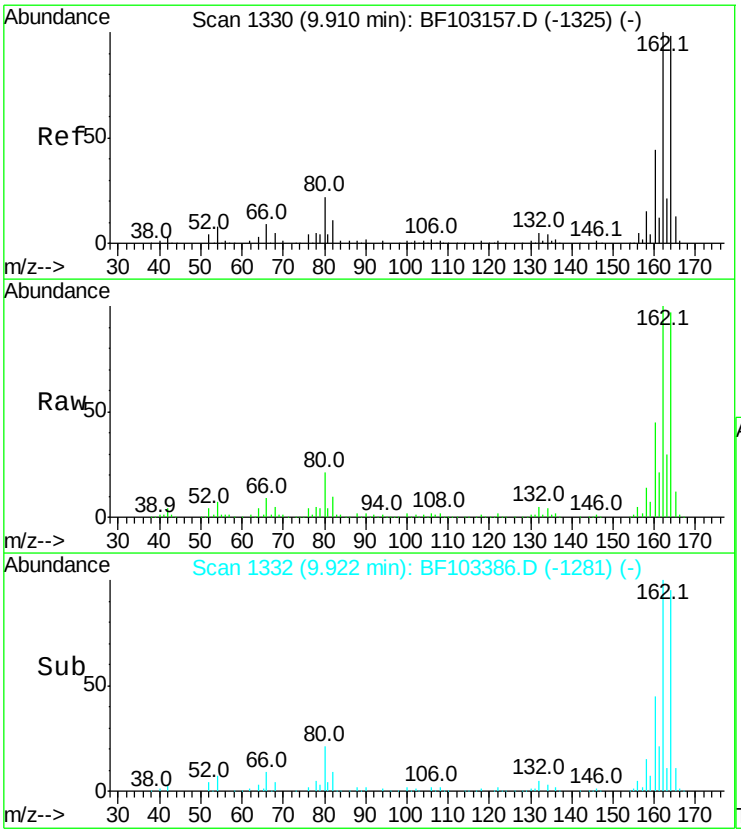
#32
Benzoic acid
Concen: 6.930 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion:122 Resp: 114

Ion	Ratio	Lower	Upper
122	100		
105	197.8	101.1	141.1#
77	156.3	70.7	110.7#

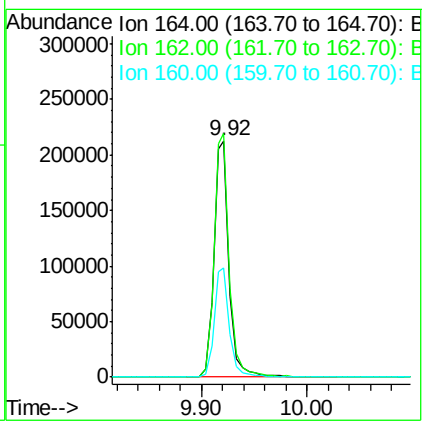


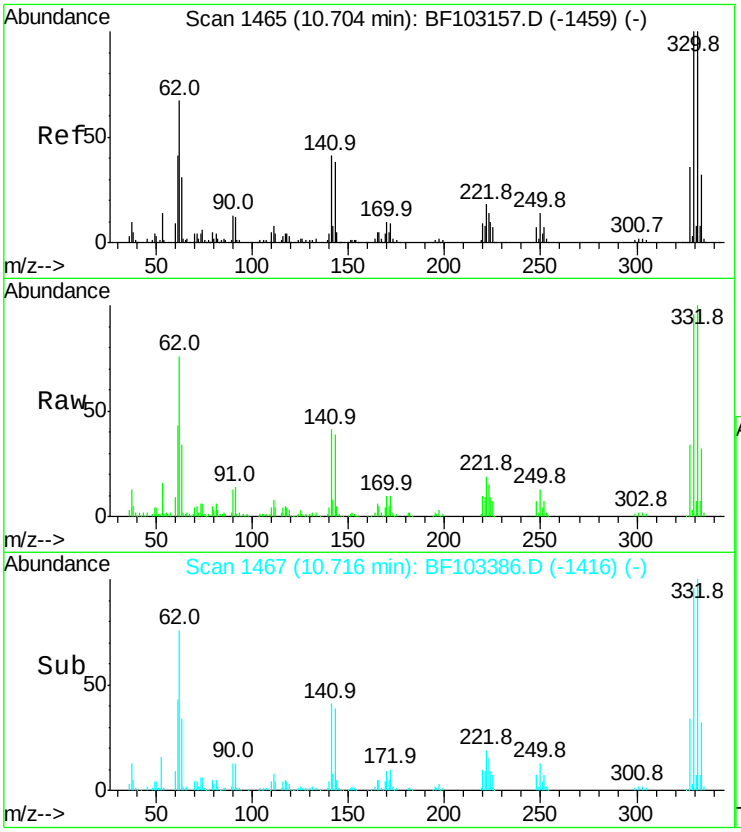


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Tgt Ion:164 Resp: 215274

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.3	38.3	57.5



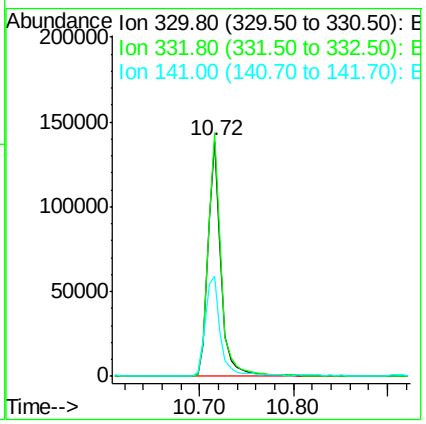


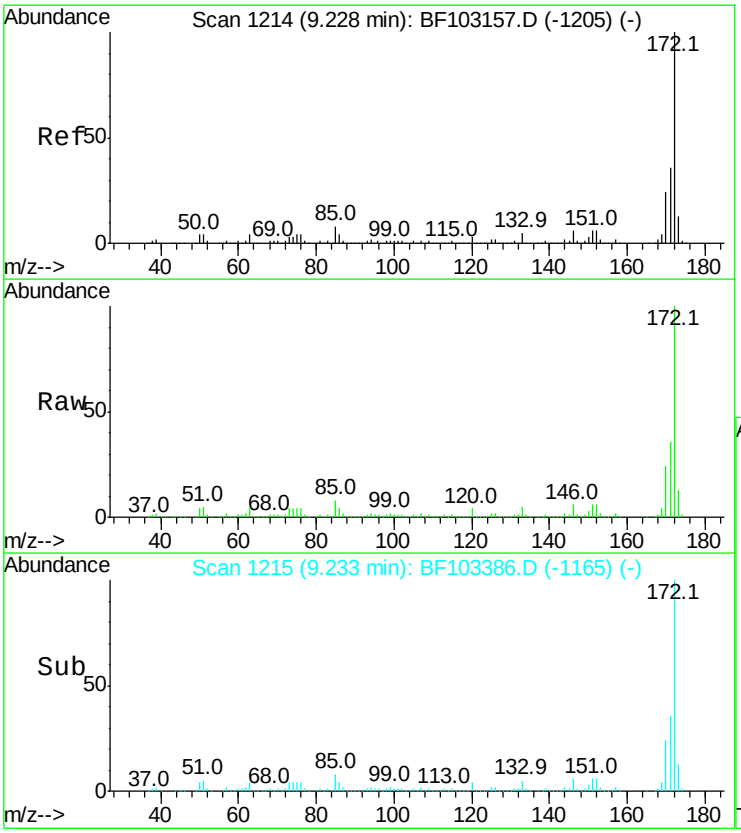
#41
2,4,6-Tribromophenol
Concen: 75.231 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion:330 Resp: 137084

Ion	Ratio	Lower	Upper
330	100		
332	104.1	77.0	115.6
141	47.6	29.9	44.9#

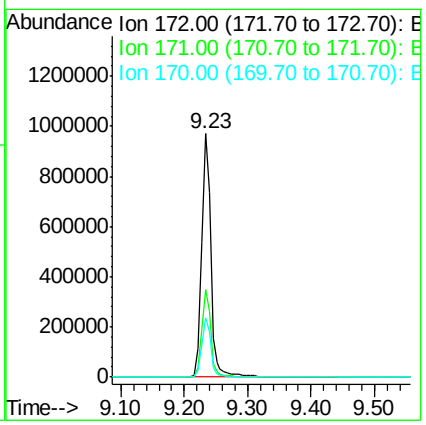


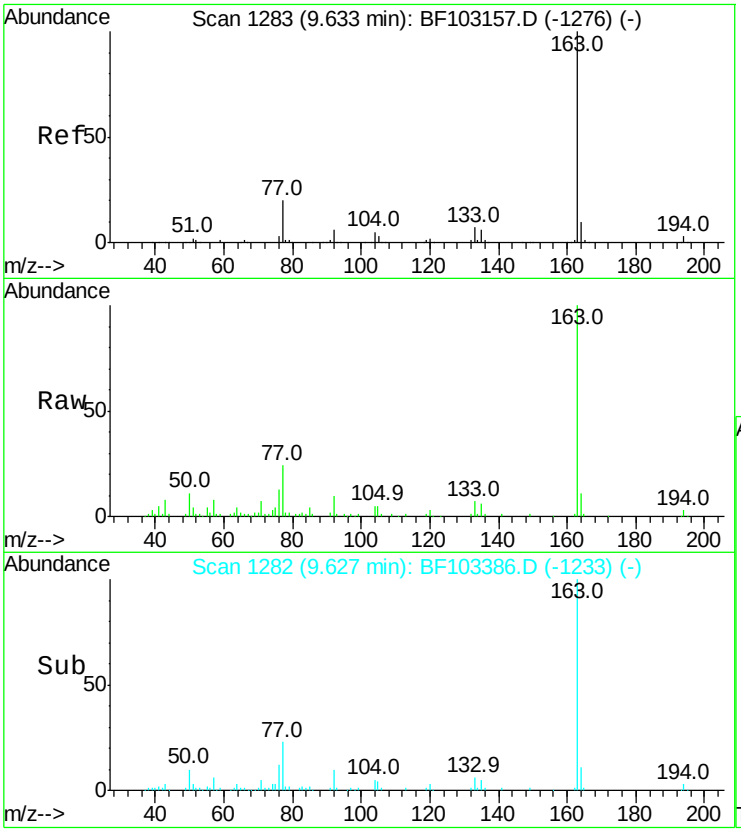


#44
2-Fluorobiphenyl
Concen: 75.574 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Tgt Ion:172 Resp: 969888

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.2	19.6	29.4



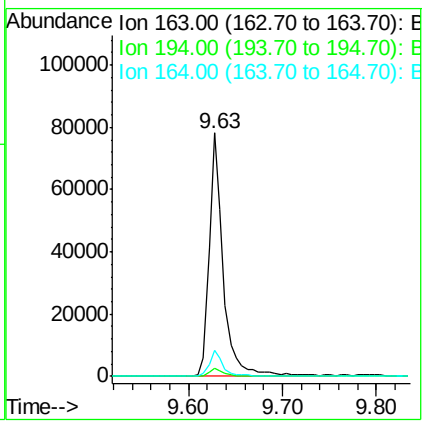


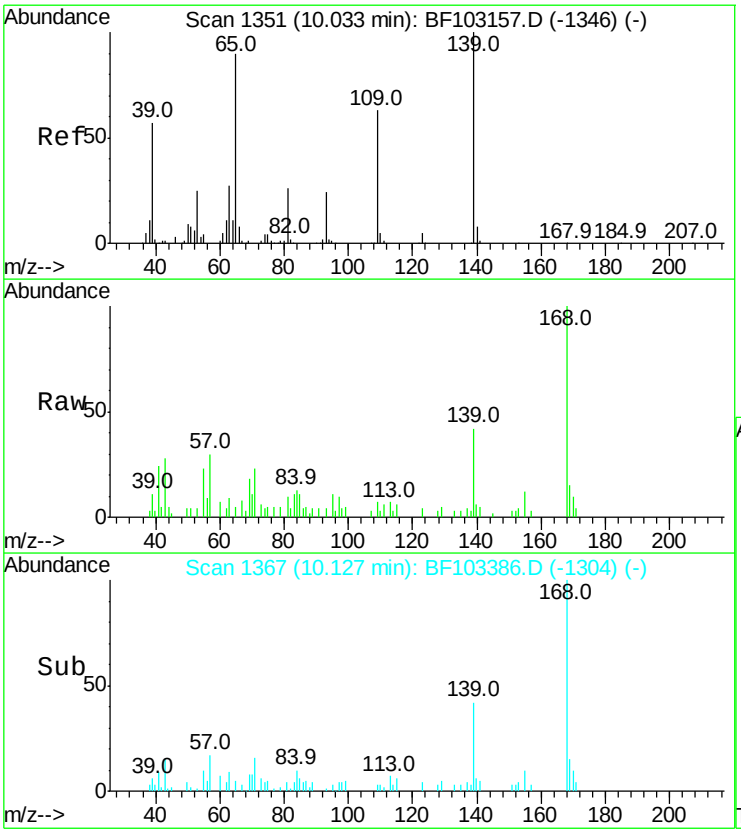
#49
Dimethylphthalate
Concen: 4.826 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion:163 Resp: 83349

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.6	8.2	12.2

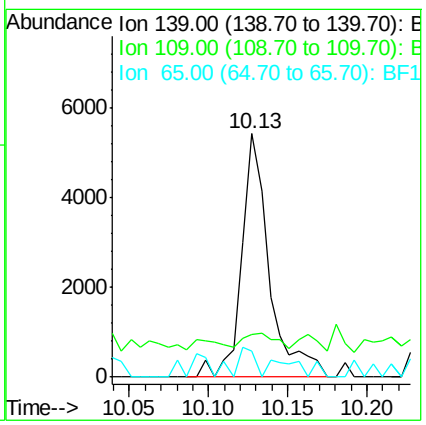


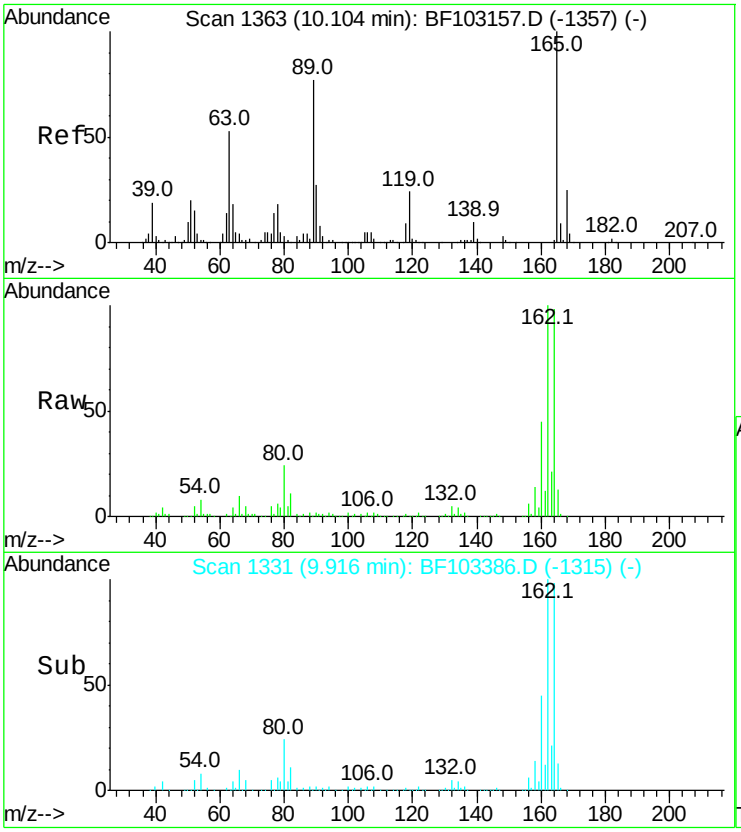


#55
4-Nitrophenol
Concen: 2.299 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.07 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Tgt Ion:139 Resp: 6551

Ion	Ratio	Lower	Upper
139	100		
109	17.4	48.4	88.4#
65	10.9	72.6	112.6#



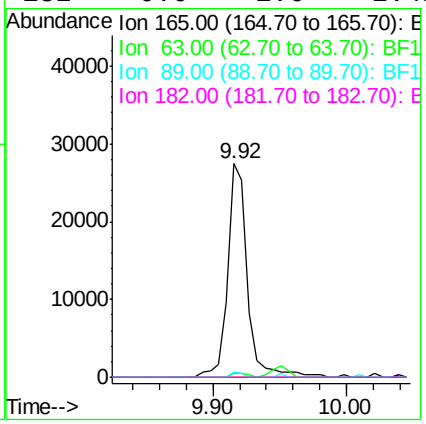


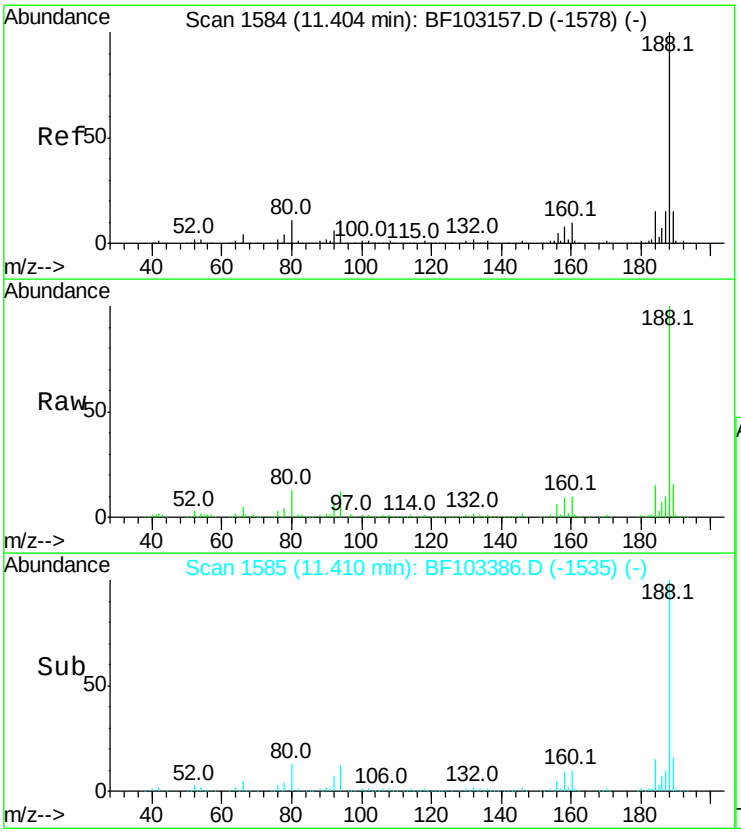
#56
2,4-Dinitrotoluene
Concen: 6.253 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.21 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion:165 Resp: 28661

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	2.6	57.8	86.6#
182	0.0	1.6	2.4#

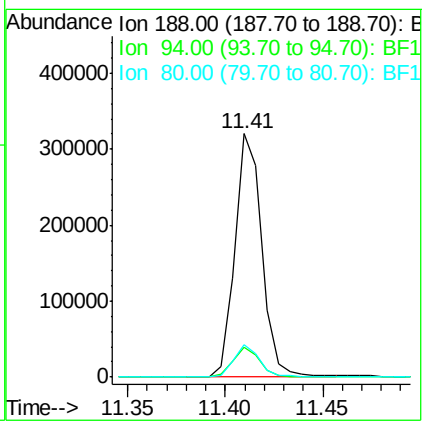


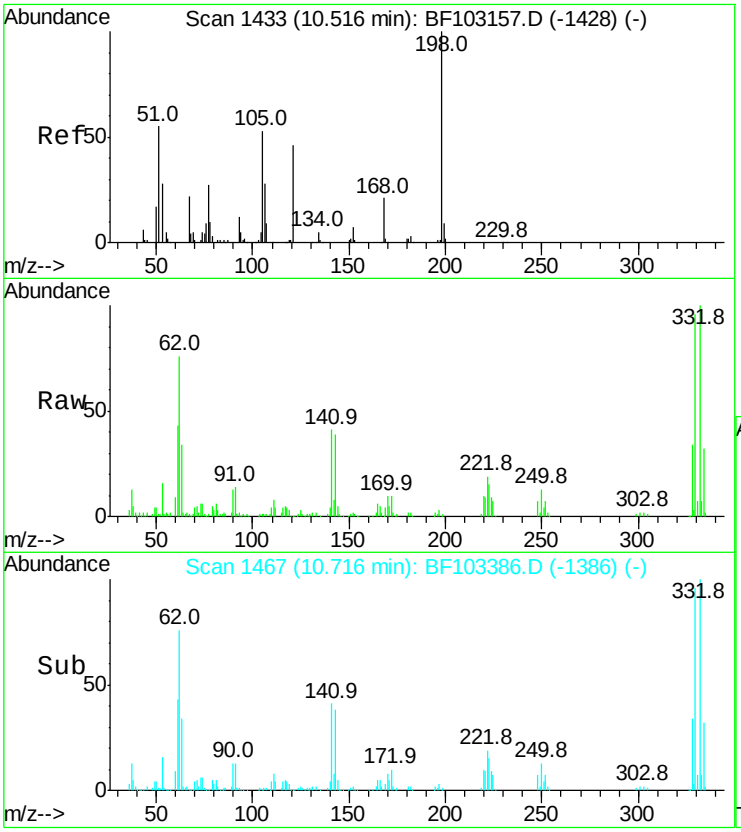


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Tgt Ion:188 Resp: 305983

Ion	Ratio	Lower	Upper
188	100		
94	12.3	8.5	12.7
80	13.2	9.2	13.8



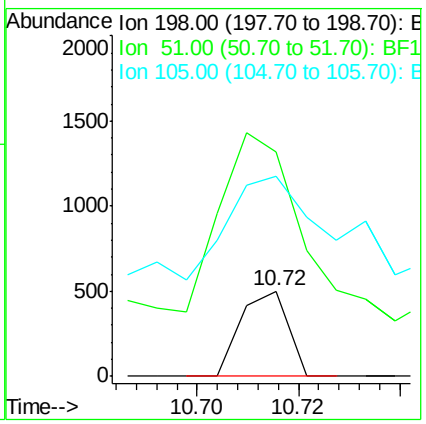


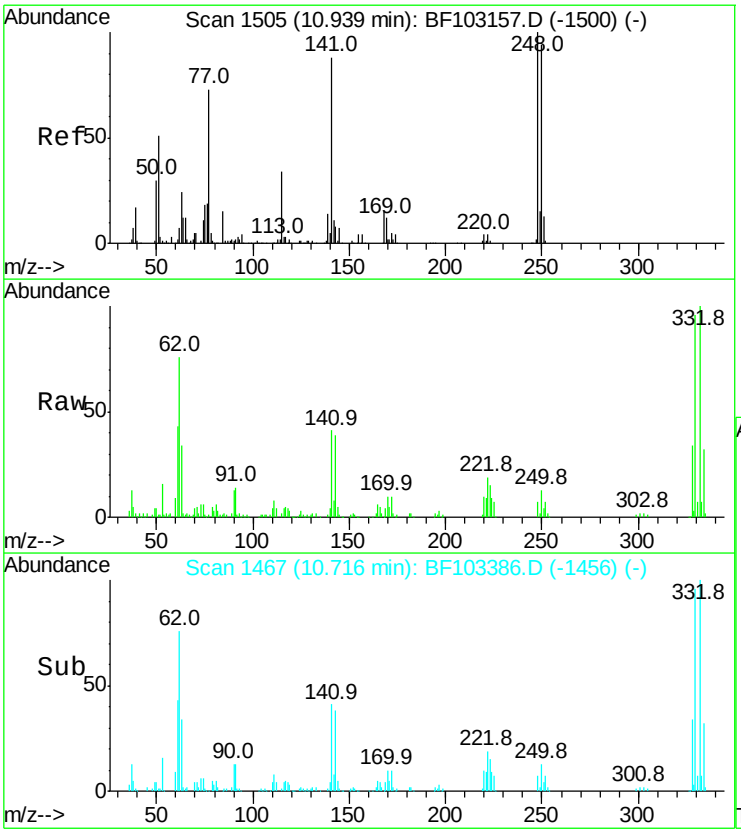
#64
4,6-Dinitro-2-methylphenol
Concen: 5.100 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.18 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion:198 Resp: 322

Ion	Ratio	Lower	Upper
198	100		
51	263.6	37.7	77.7#
105	235.8	36.3	76.3#

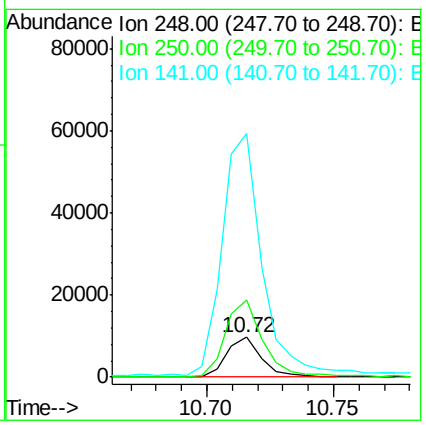


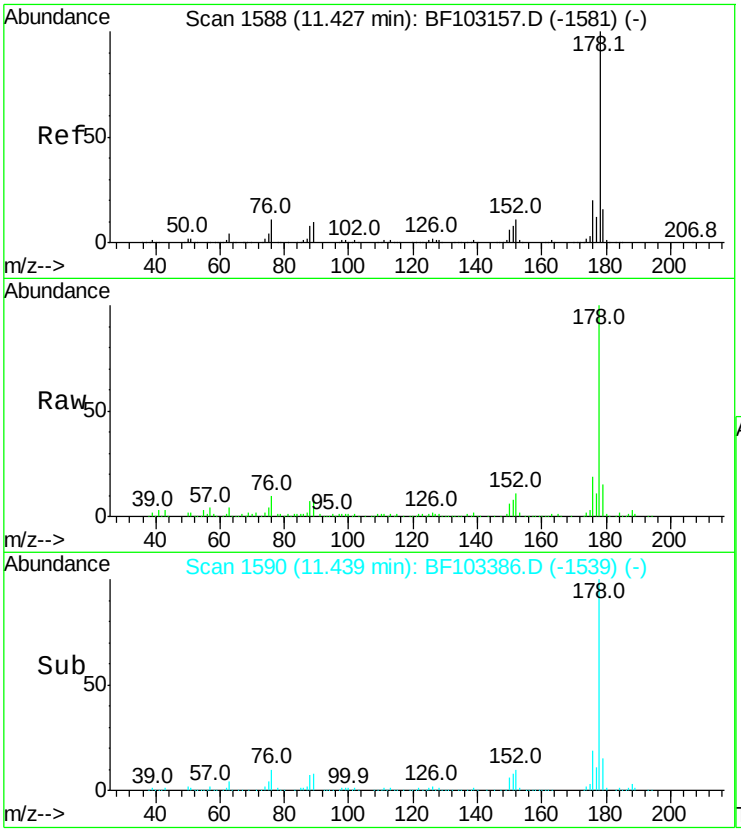


#66
4-Bromophenyl-phenylether
Concen: 2.921 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Tgt Ion:248 Resp: 9310

Ion	Ratio	Lower	Upper
248	100		
250	192.8	76.9	115.3#
141	609.9	74.4	111.6#



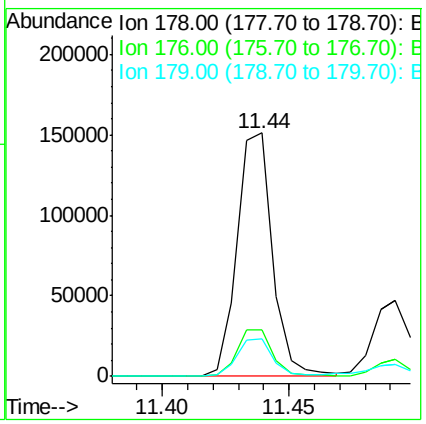


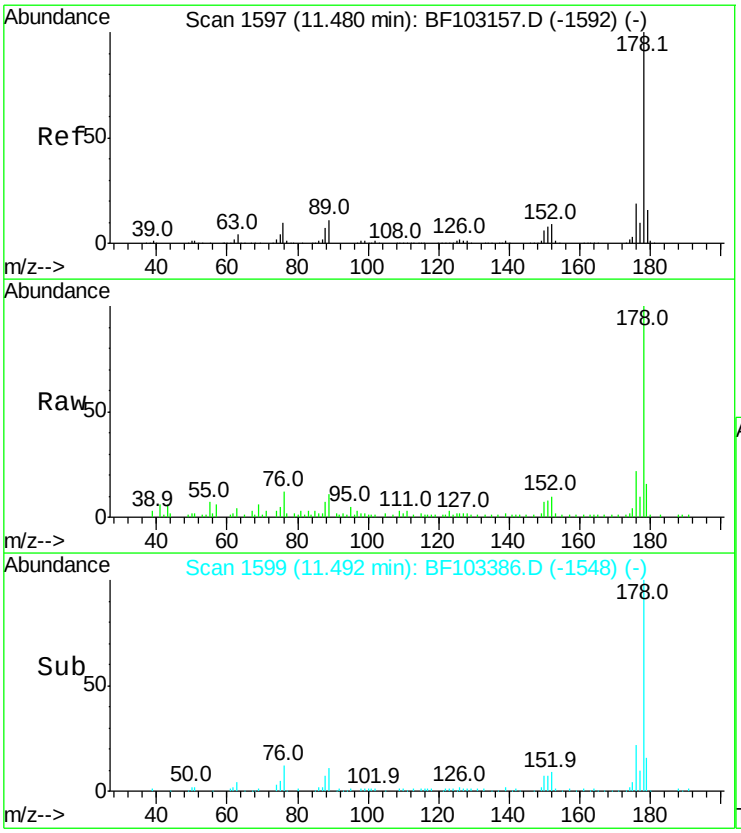
#70
Phenanthrene
Concen: 8.731 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion:178 Resp: 147026

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.2	13.0	19.6

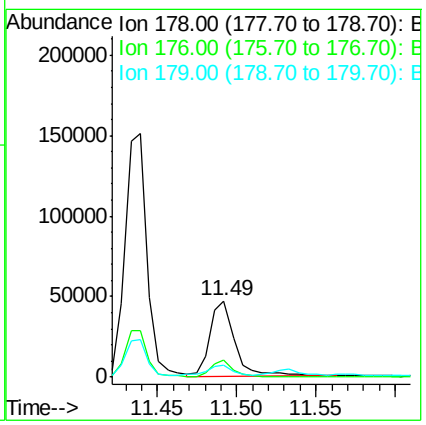


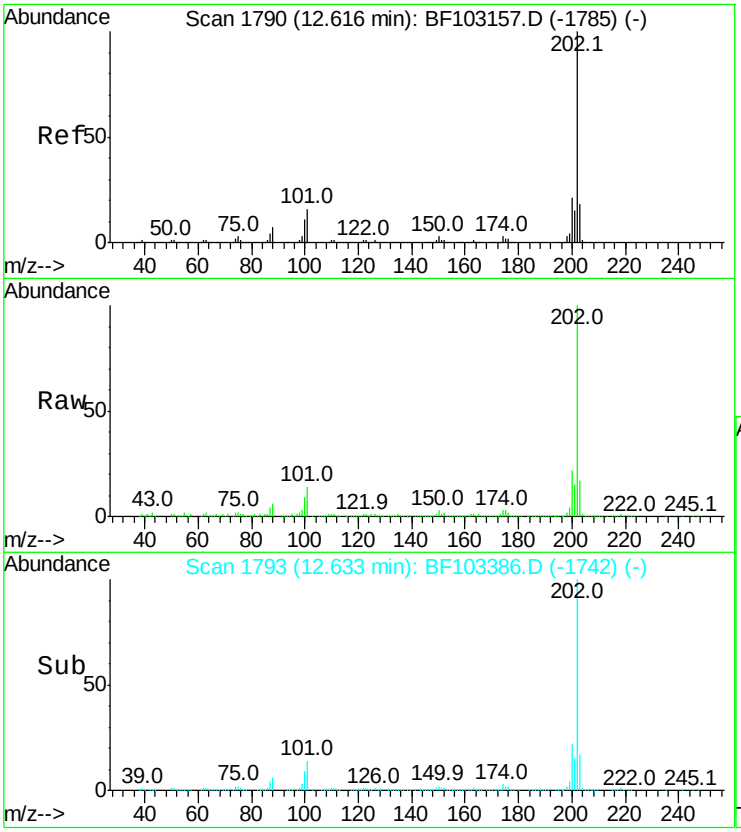


#71
Anthracene
Concen: 3.003 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Tgt Ion:178 Resp: 51858

Ion	Ratio	Lower	Upper
178	100		
176	22.3	15.4	23.2
179	16.3	12.6	19.0



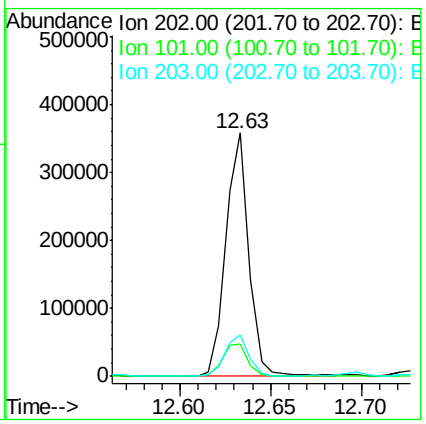


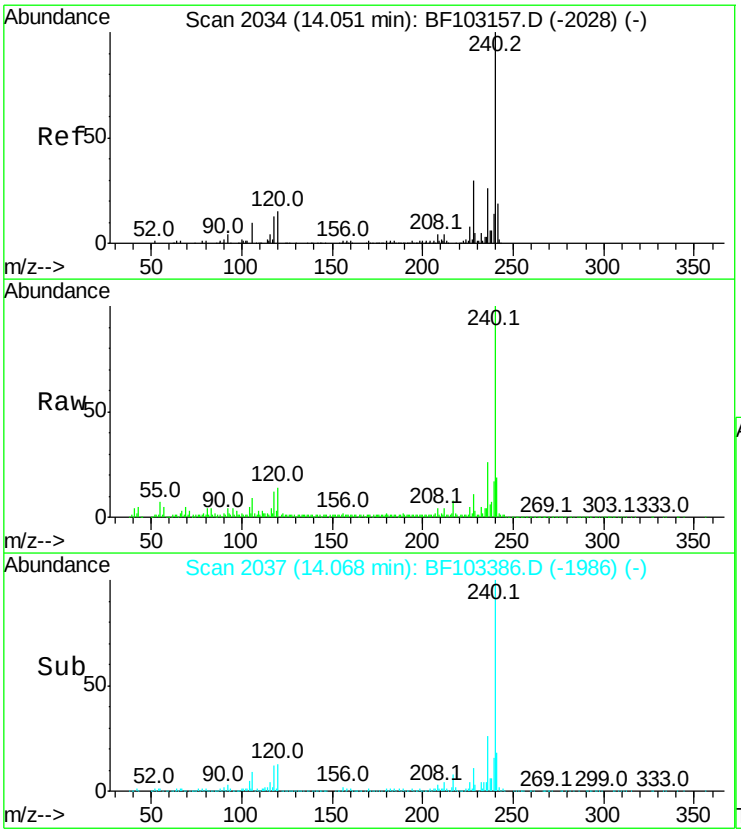
#74
Fluoranthene
Concen: 18.566 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion:202 Resp: 314171

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.1
203	17.1	0.0	38.1

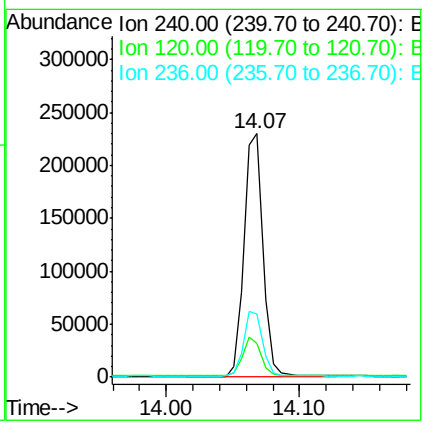


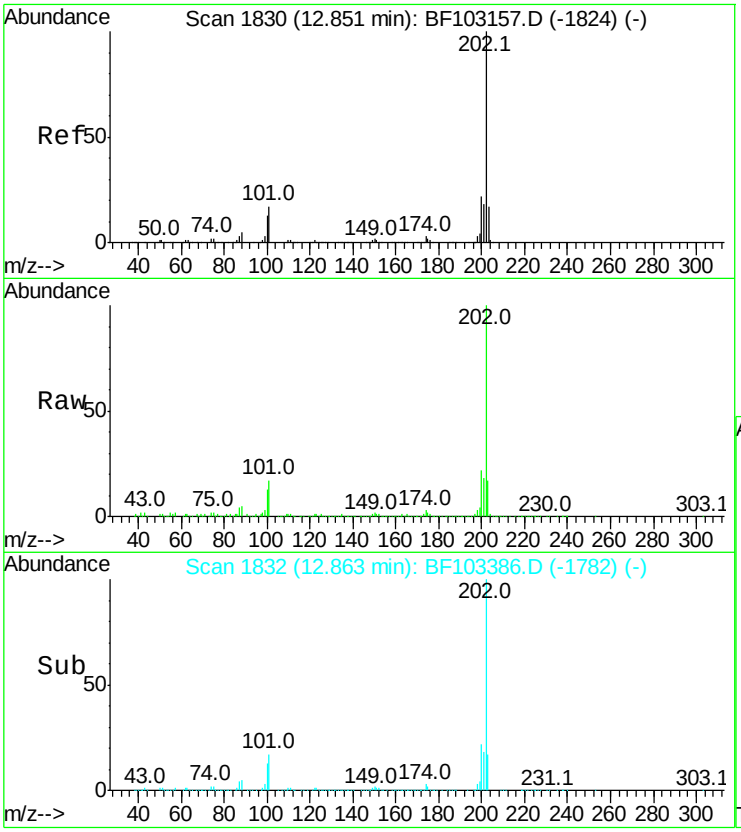


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Tgt Ion:240 Resp: 225205

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	26.0	20.7	31.1



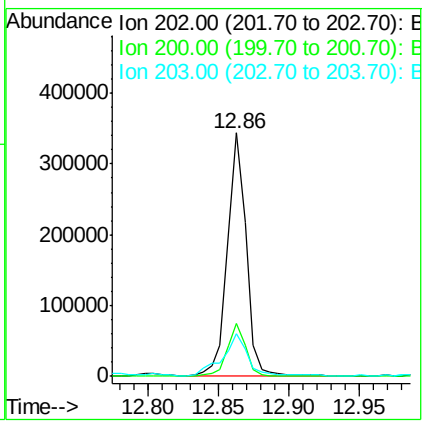


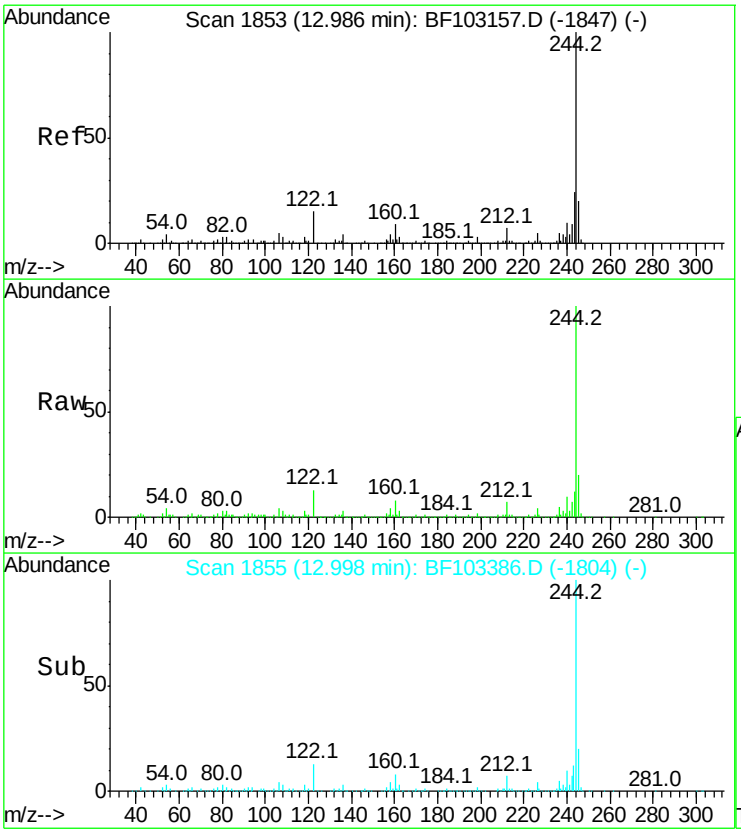
#77
Pyrene
Concen: 18.046 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion:202 Resp: 316851

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.5	14.3	21.5

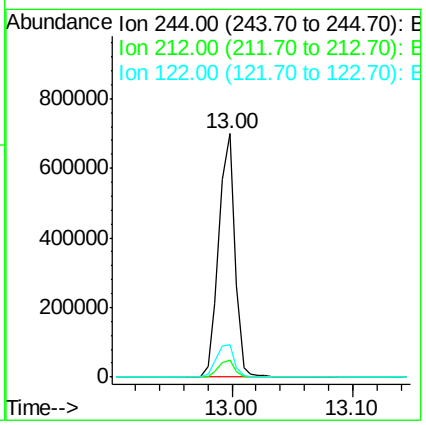


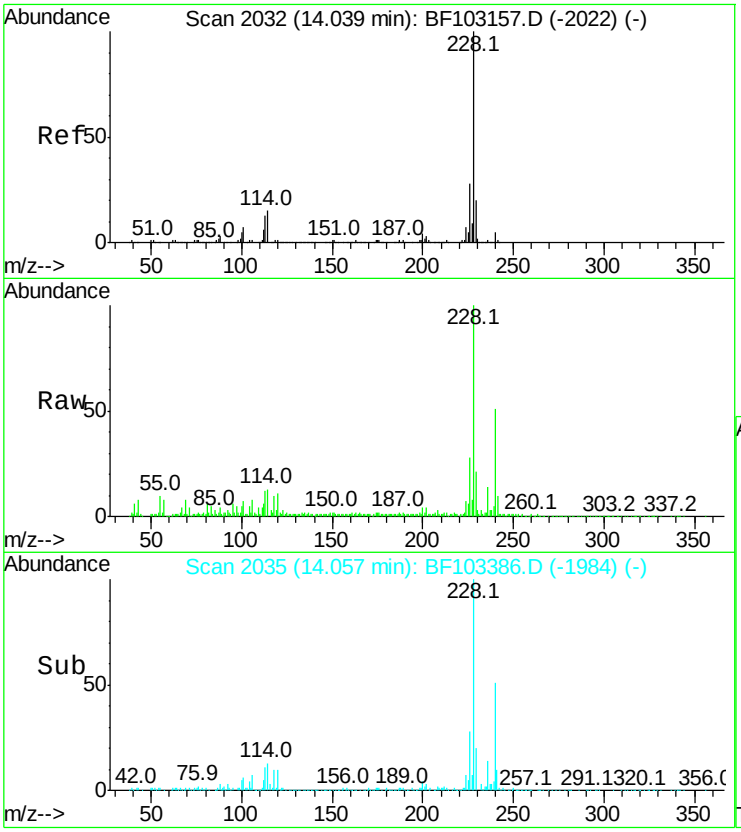


#78
Terphenyl-d14
Concen: 68.741 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Tgt Ion:244 Resp: 644001

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.2	11.0	16.4



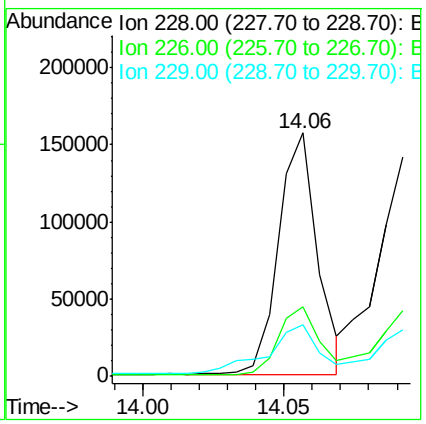


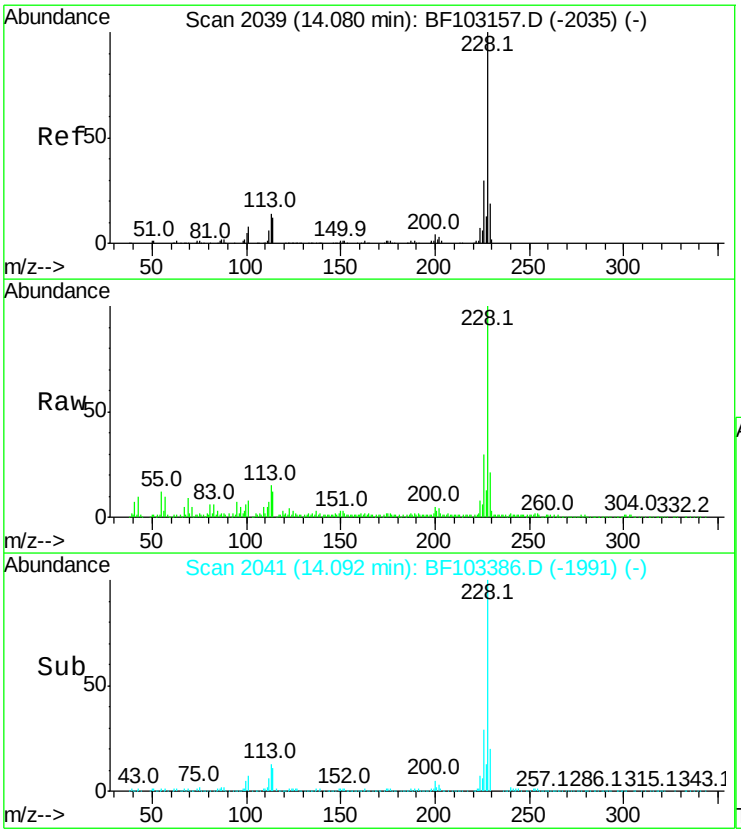
#80
Benzo(a)anthracene
Concen: 10.225 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion:228 Resp: 149410

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	21.3	15.8	23.6

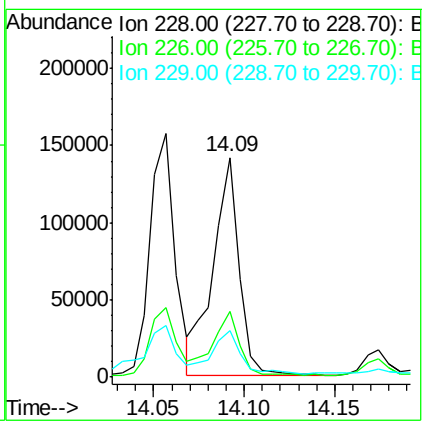


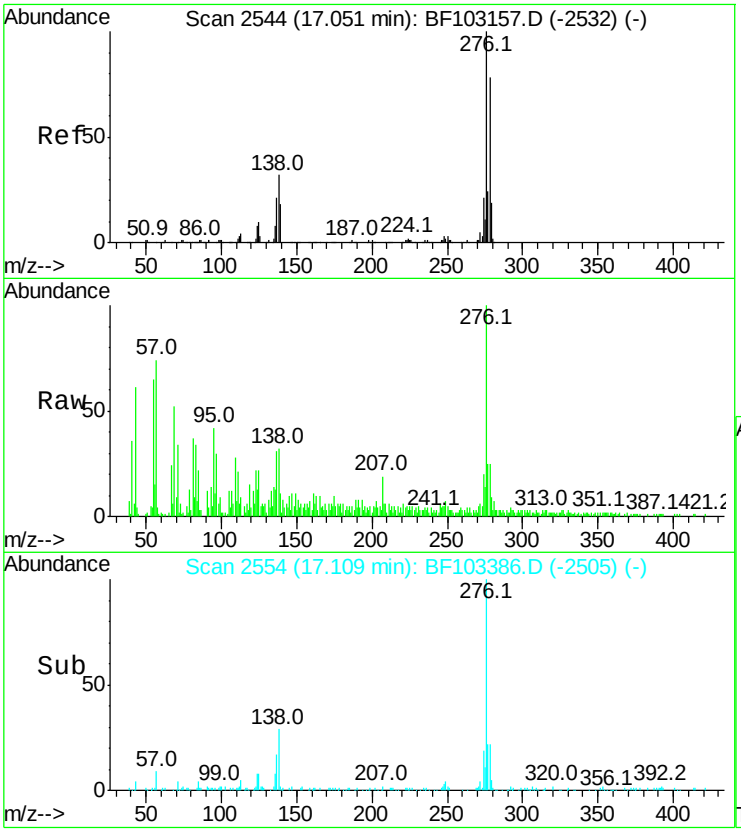


#82
Chrysene
Concen: 9.988 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Tgt Ion:228 Resp: 141715

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.1	16.2	24.4



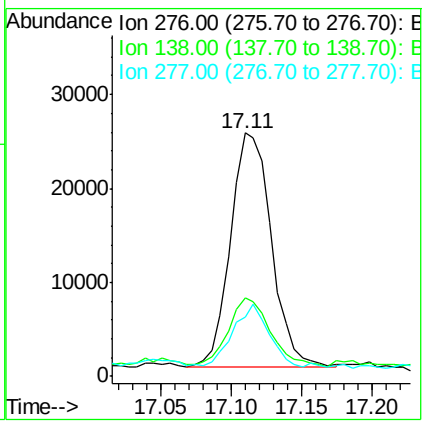


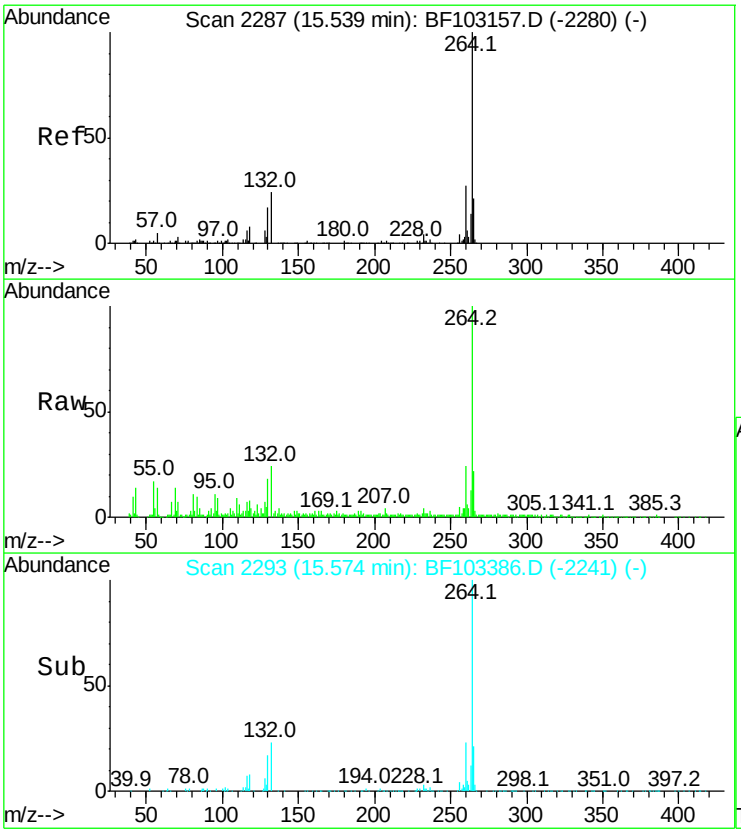
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.490 ng
RT: 17.11 min Scan# 2554
Delta R.T. -0.01 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion:276 Resp: 50438

Ion	Ratio	Lower	Upper
276	100		
138	30.7	25.0	37.6
277	23.7	20.1	30.1

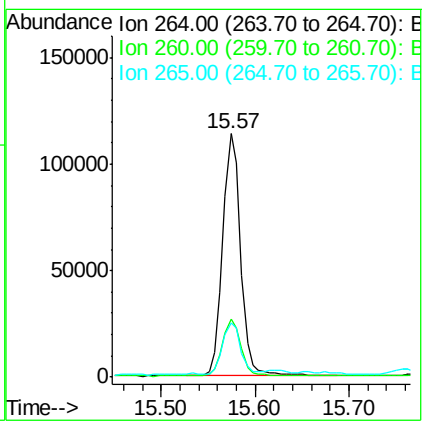


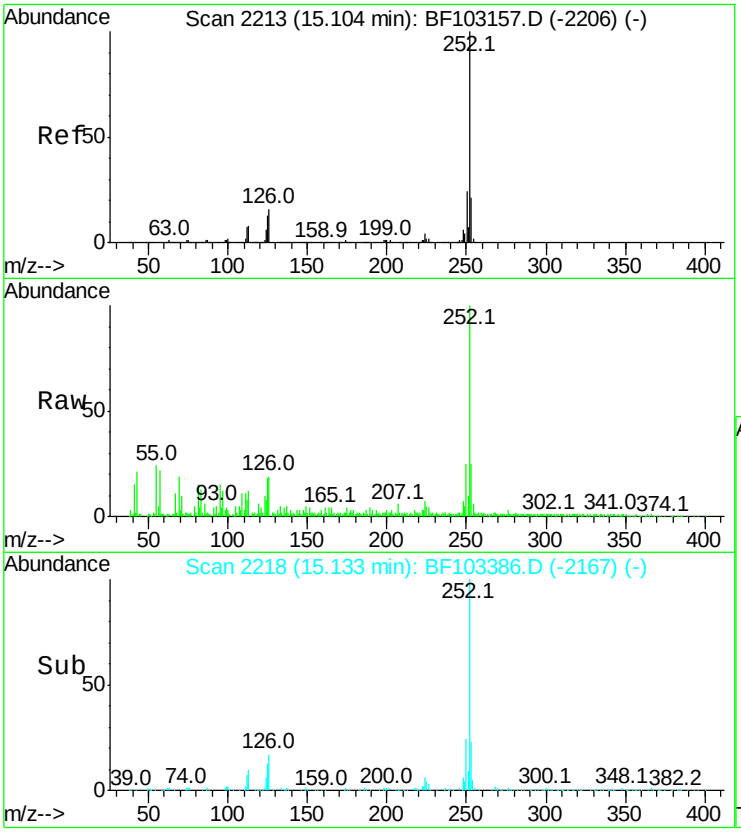


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Tgt Ion:264 Resp: 151522

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	17.5	26.3



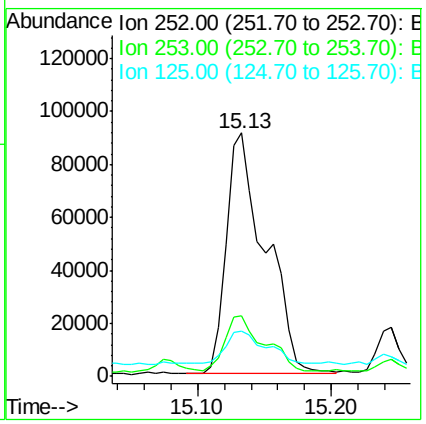


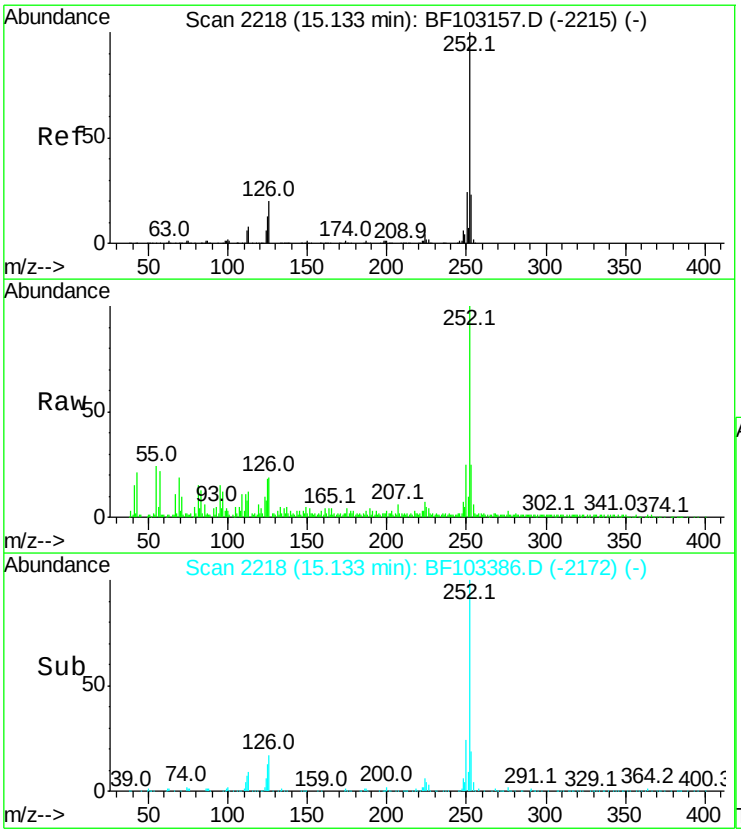
#87
Benzo(b)fluoranthene
Concen: 18.649 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion:252 Resp: 185791

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.6
125	18.4	9.0	13.6#

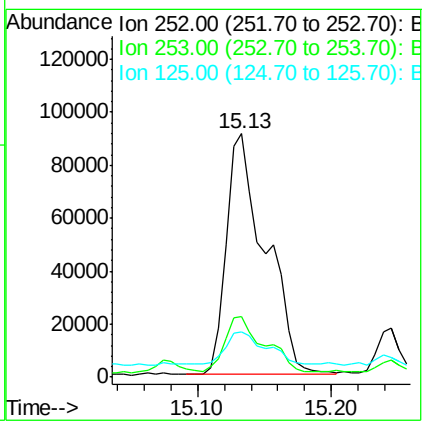


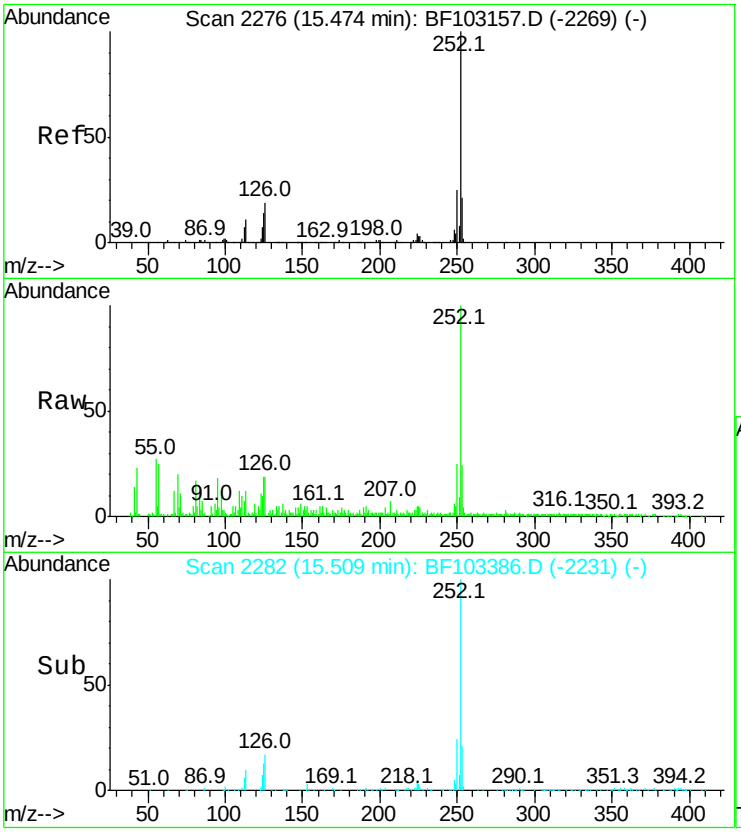


#88
Benzo(k)fluoranthene
Concen: 19.805 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Tgt Ion:252 Resp: 185791

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	18.4	10.2	15.2#



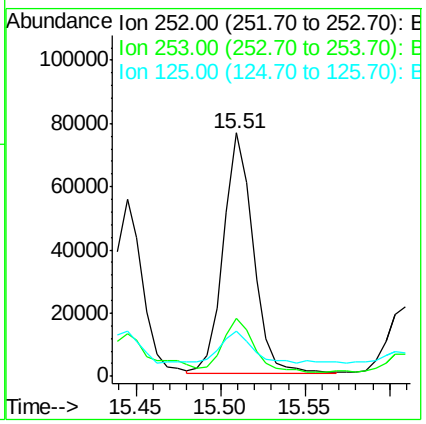


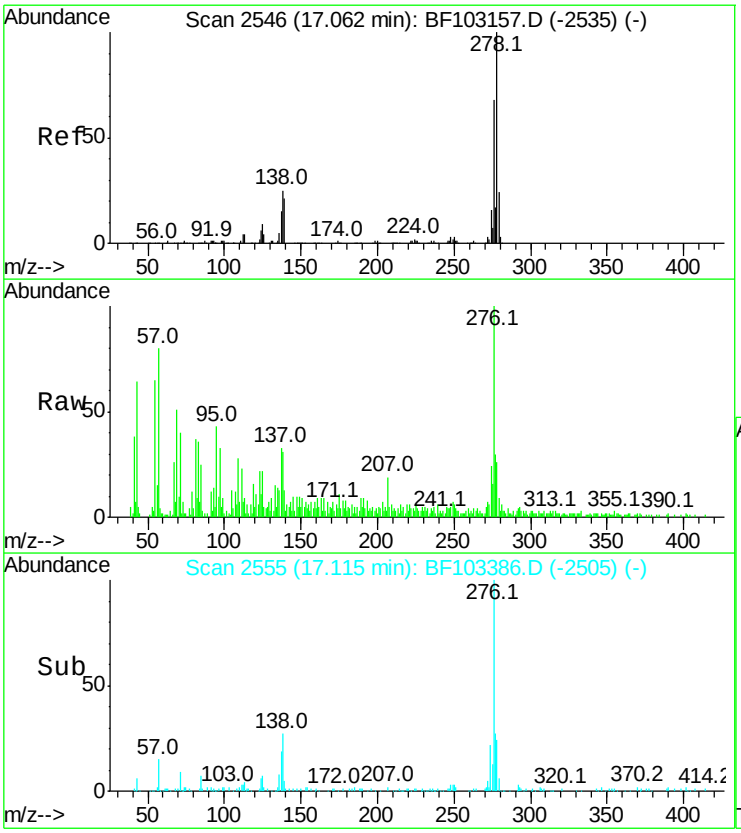
#89
Benzo(a)pyrene
Concen: 10.477 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion:252 Resp: 93210

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	18.8	9.8	14.6#

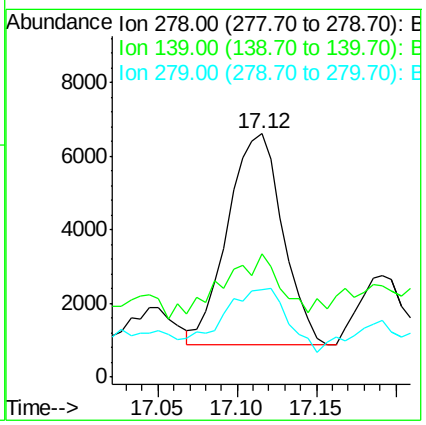


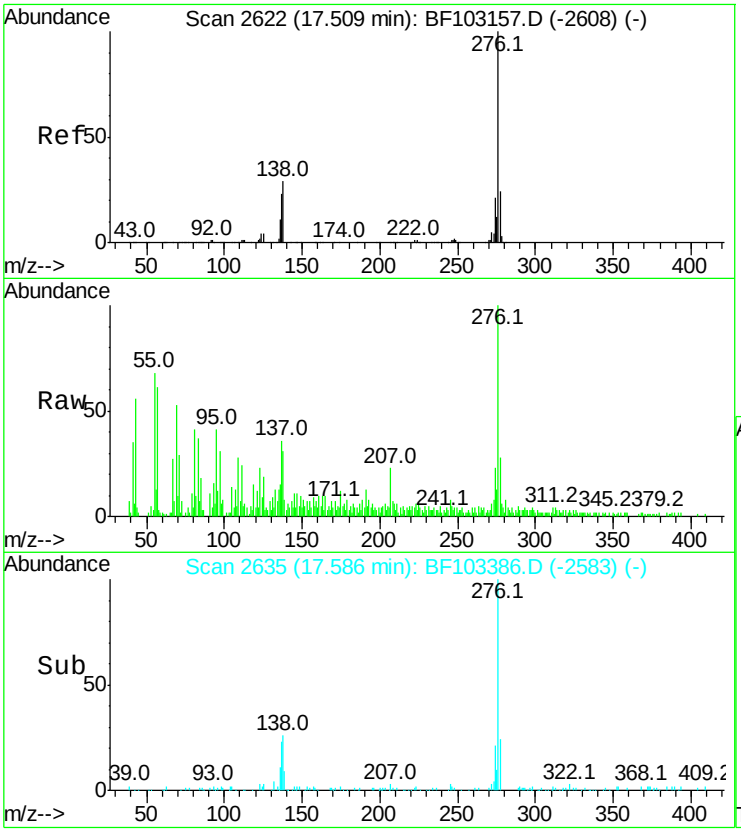


#90
Dibenzo(a,h)anthracene
Concen: 2.013 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Tgt Ion:278 Resp: 13841

Ion	Ratio	Lower	Upper
278	100		
139	50.4	15.9	23.9#
279	35.7	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 7.786 ng
RT: 17.59 min Scan# 2635
Delta R.T. 0.01 min
Lab File: BF103386.D
Acq: 3 Mar 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-10

Tgt Ion:276 Resp: 52309

Ion	Ratio	Lower	Upper
276	100		
277	28.5	17.9	26.9#
138	38.8	21.8	32.8#