Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103340.D
Acq On : 1 Mar 2018 16:49
Operator : SJ/JU
Sample : J1720-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 02 09:26:30 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	143551	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	575049	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	221794	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	318374	20.00	ng		0.00
75) Chrysene-d12	14.06	240	206290	20.00	ng		0.00
86) Perylene-d12	15.57	264	150335	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1064674	112.17	ng		0.01
7) Phenol-d6	6.52	99	1241165	106.87	ng		0.00
23) Nitrobenzene-d5	7.45	82	772823	76.75	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	166174	88.51	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1017925	77.38	ng		0.00
78) Terphenyl-d14	12.99	244	672651	78.38	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	2233	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.45	70	106779	14.772	ng	#	82
25) Isophorone	7.45	82	772813	38.968	ng	#	64
49) Dimethylphthalate	9.63	163	109018	6.127	ng		99
56) 2,4-Dinitrotoluene	9.92	165	30467	6.452	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.71	198	397	5.129	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	11294	3.405	ng	#	1
70) Phenanthrene	11.43	178	216637	12.364	ng		99
71) Anthracene	11.49	178	73383	4.084	ng		99
74) Fluoranthene	12.63	202	369720	20.999	ng		98
77) Pyrene	12.86	202	342529	21.297	ng		100
80) Benzo(a)anthracene	14.05	228	150982	11.280	ng		99
82) Chrysene	14.09	228	126320	9.720	ng		98
85) Indeno(1,2,3-cd)pyrene	17.10	276	48227	4.687	ng		98
87) Benzo(b)fluoranthene	15.13	252	170737	17.273	ng	#	85
88) Benzo(k)fluoranthene	15.13	252	170737	18.344	ng	#	88
89) Benzo(a)pyrene	15.50	252	88727	10.052	ng	#	92
91) Benzo(g,h,i)perylene	17.57	276	45306	6.797	ng	#	90

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

Quantitation Report (Not Reviewed)

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Data File : BF103340.D
Acq On : 1 Mar 2018 16:49
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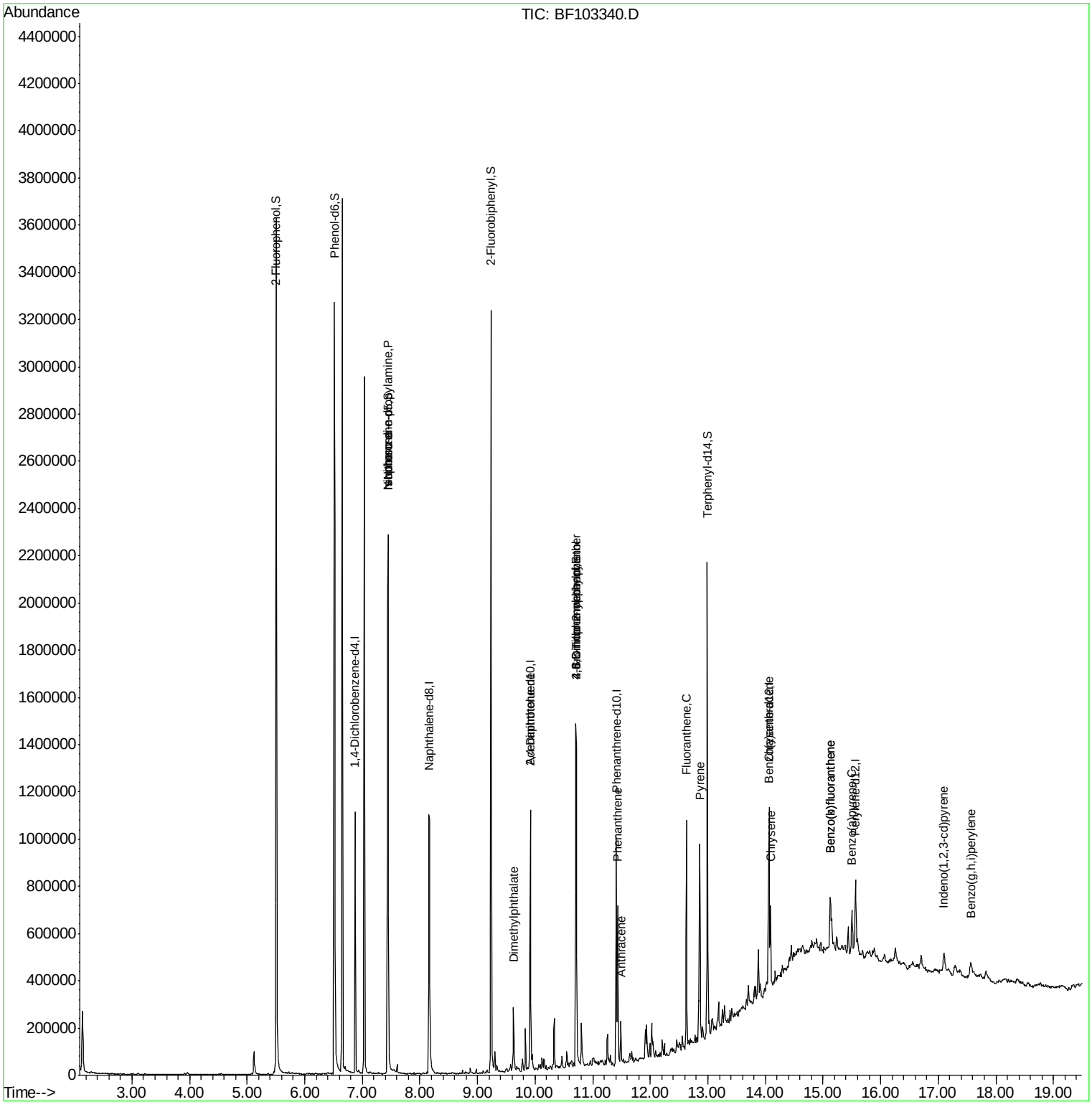
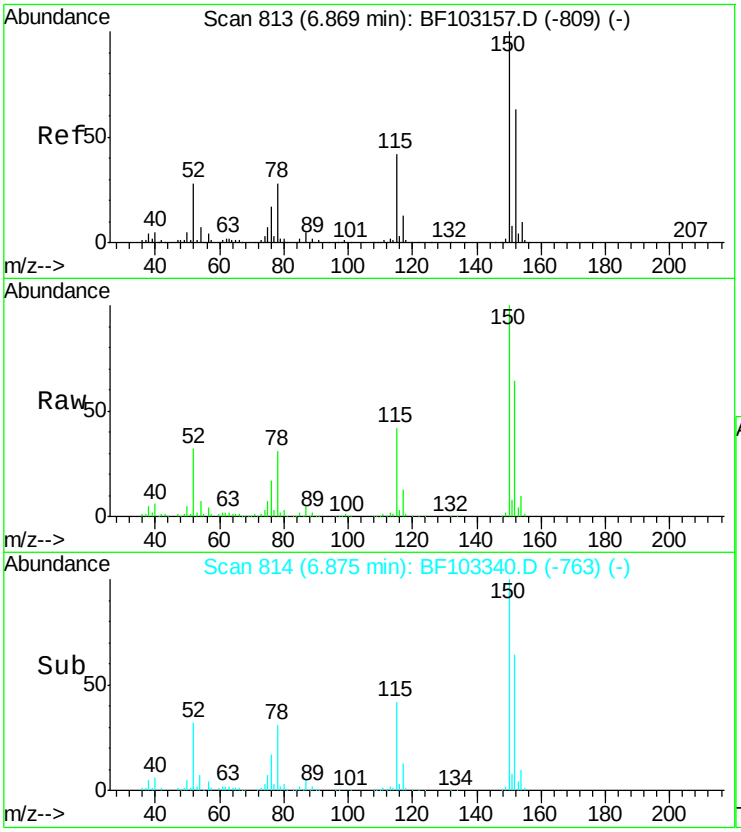


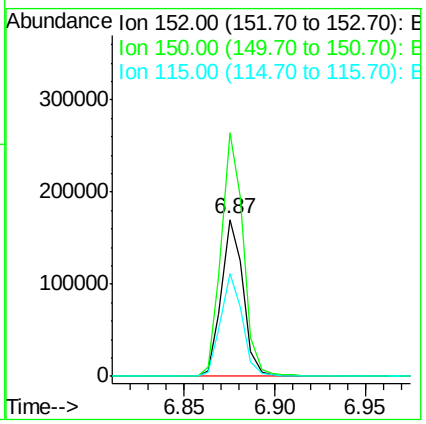


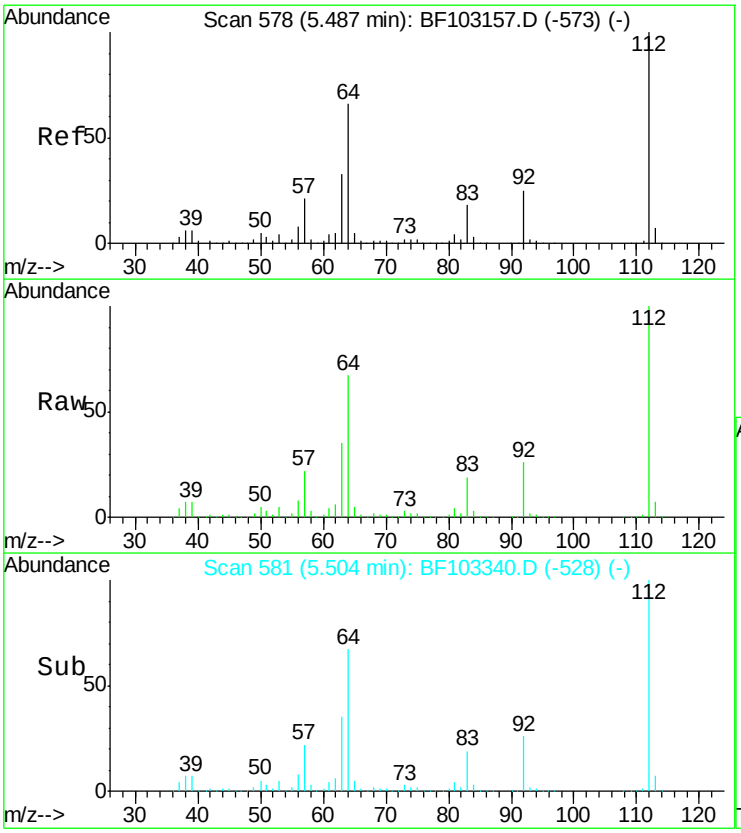
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 143551

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	65.5	50.1	75.1

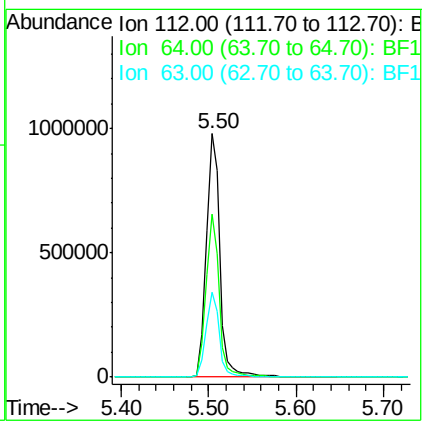


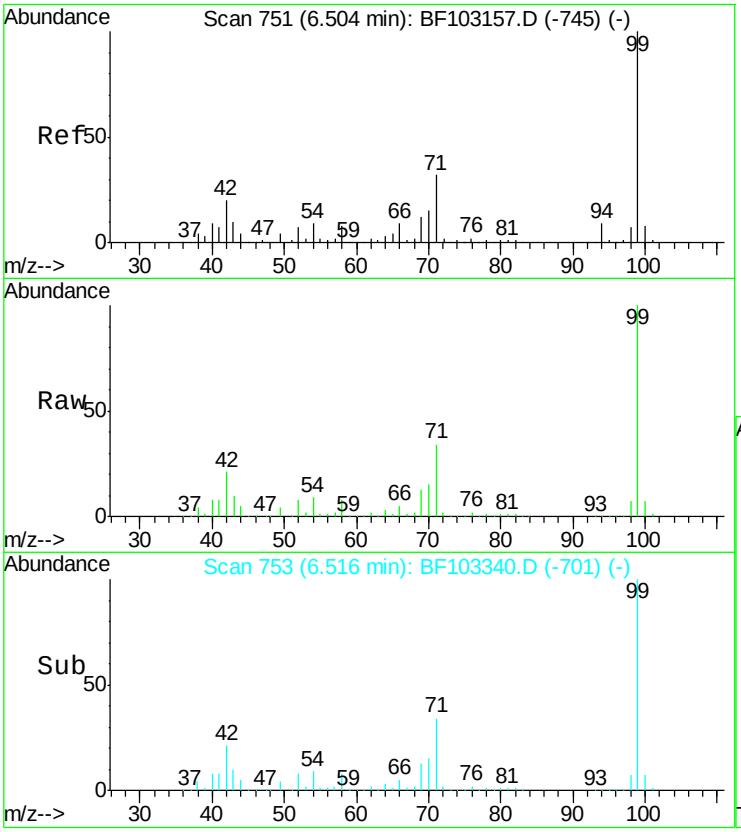


#5
2-Fluorophenol
Concen: 112.172 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Tgt Ion:112 Resp: 1064674

Ion	Ratio	Lower	Upper
112	100		
64	67.1	47.9	71.9
63	34.7	23.7	35.5



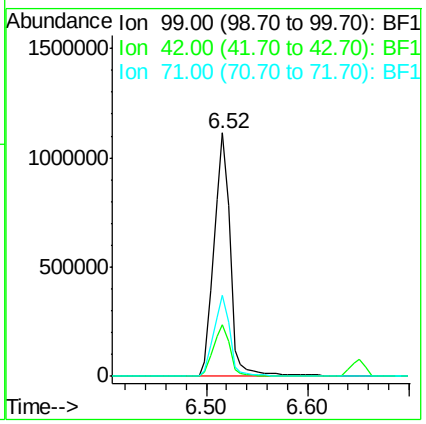


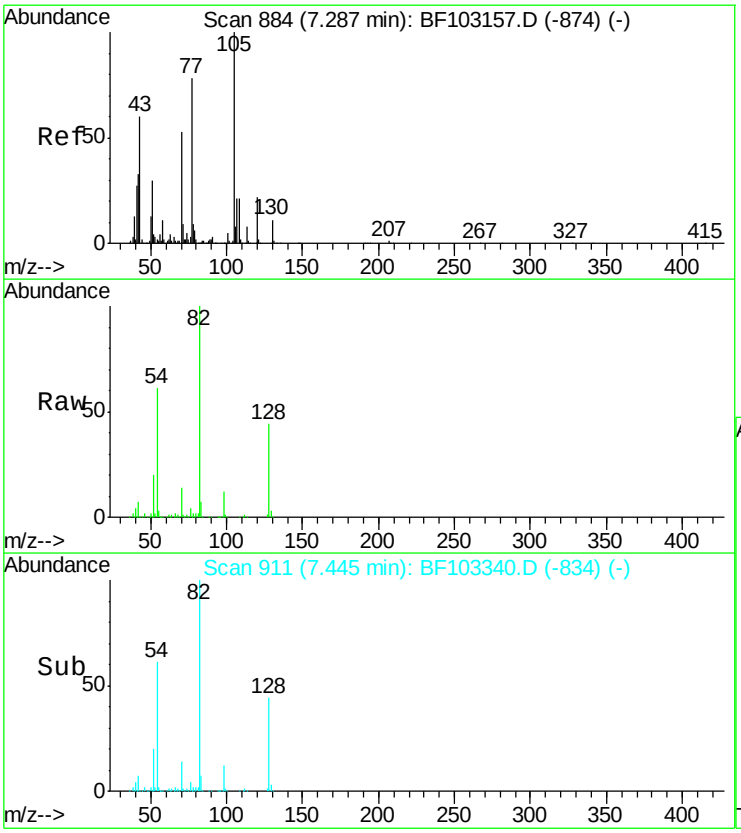
#7
Phenol-d6
Concen: 106.866 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1241165

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	33.5	25.4	38.0

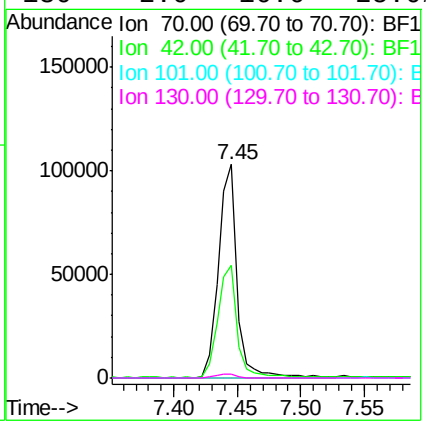


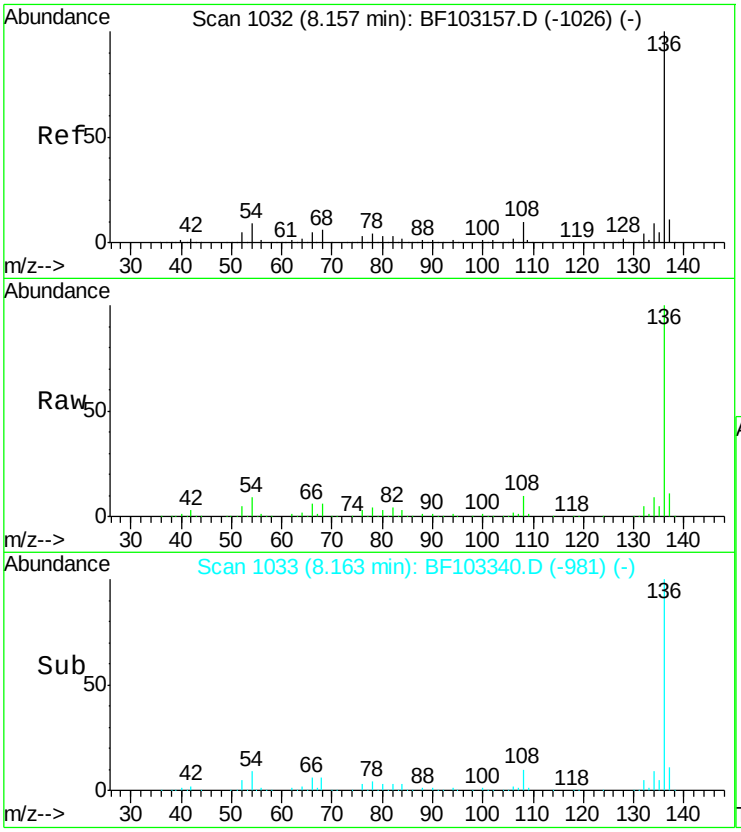


#19
n-Nitroso-di-n-propylamine
Concen: 14.772 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Tgt Ion: 70 Resp: 106779

Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



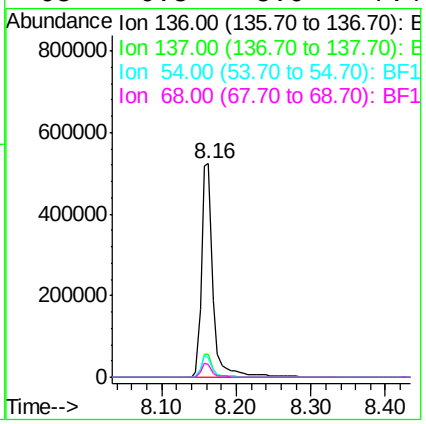


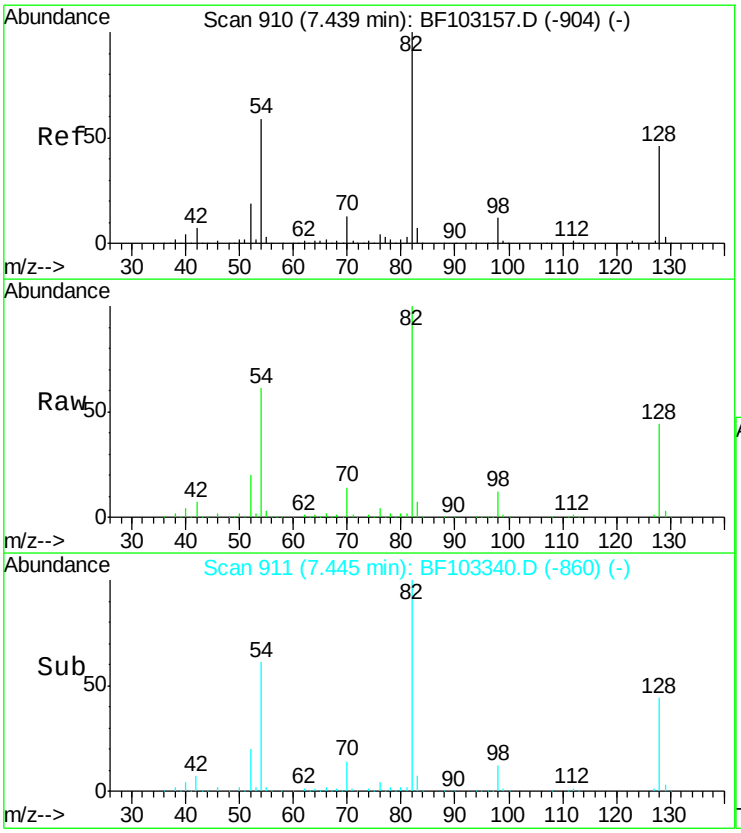
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 575049

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.7	6.6	9.8
68	6.3	5.0	7.4

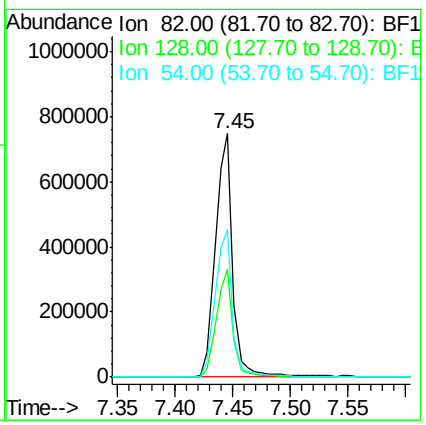


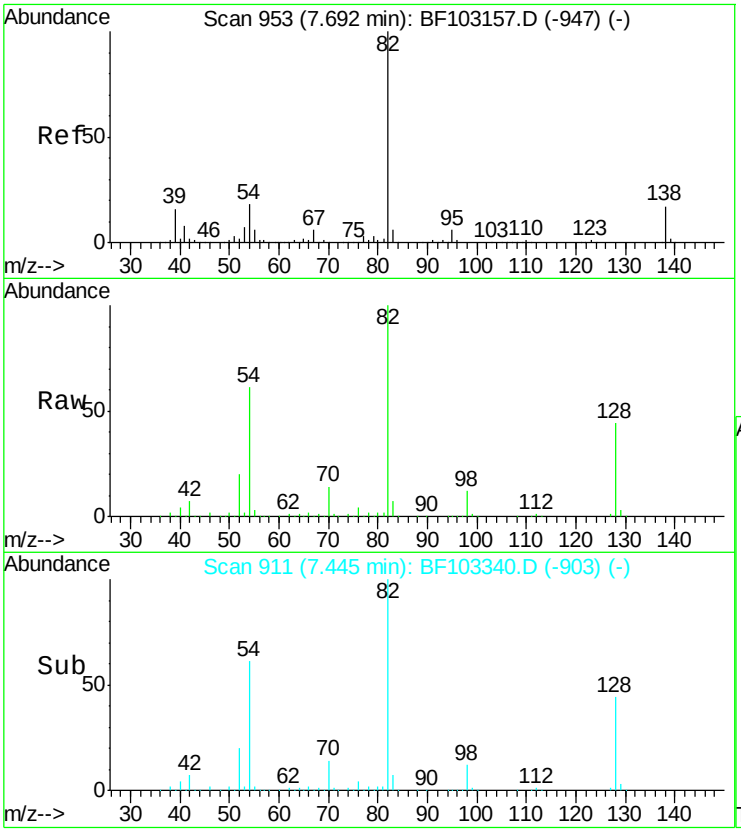


#23
Nitrobenzene-d5
Concen: 76.749 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Tgt Ion: 82 Resp: 772823

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	60.6	41.4	62.2



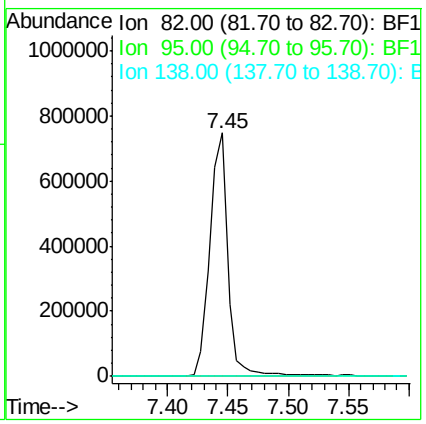


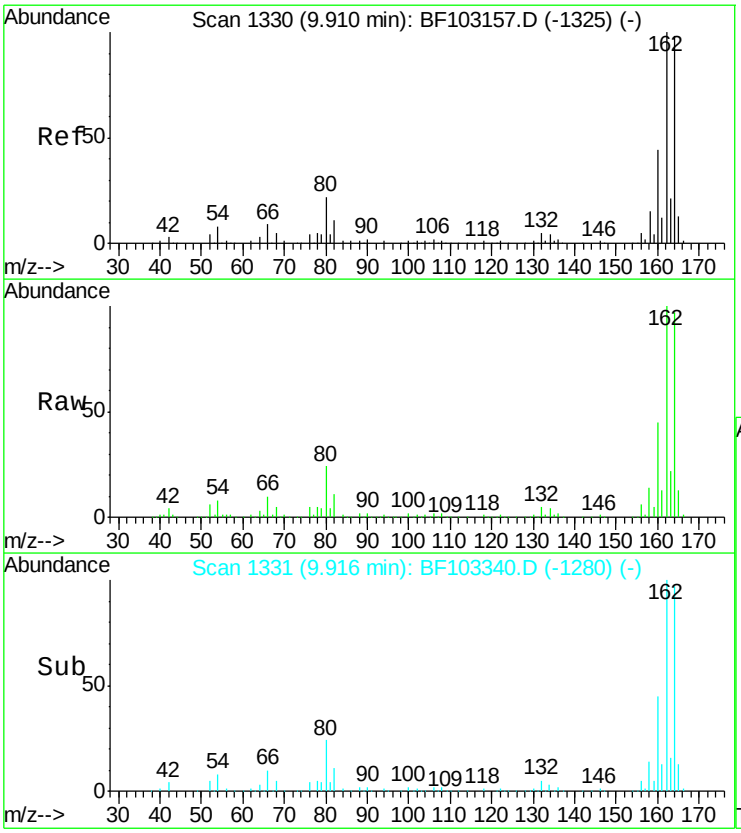
#25
Isophorone
Concen: 38.968 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.25 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 772813

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

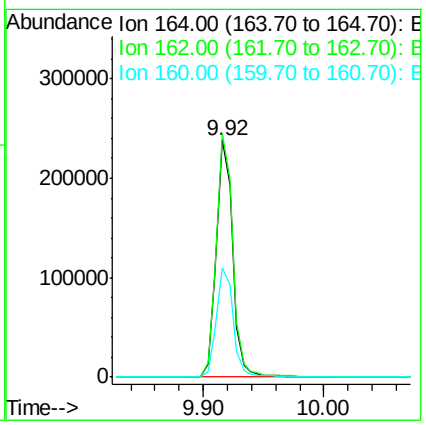


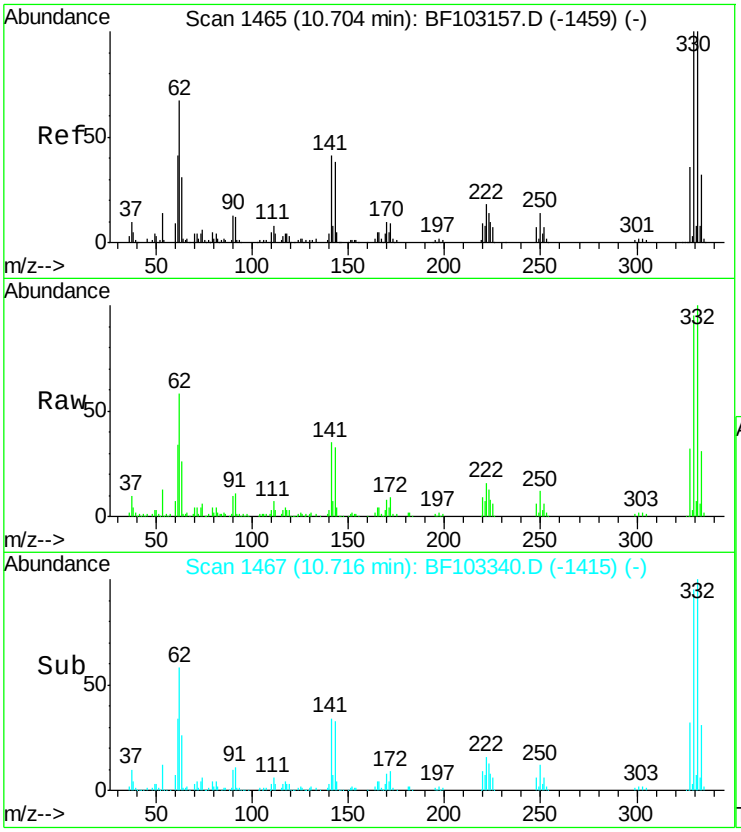


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Tgt Ion:164 Resp: 221794

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.9	38.3	57.5



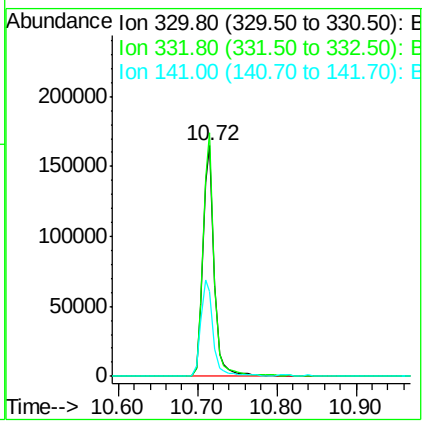


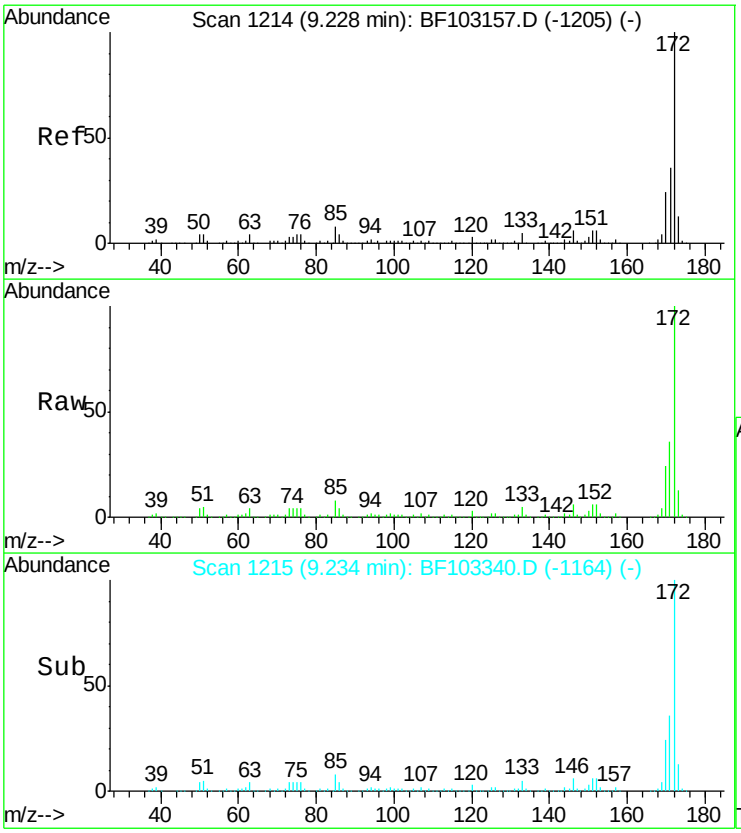
#41
2,4,6-Tribromophenol
Concen: 88.515 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 166174

Ion	Ratio	Lower	Upper
330	100		
332	103.1	77.0	115.6
141	46.3	29.9	44.9#

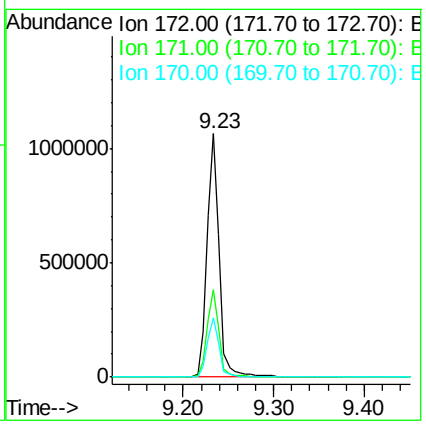


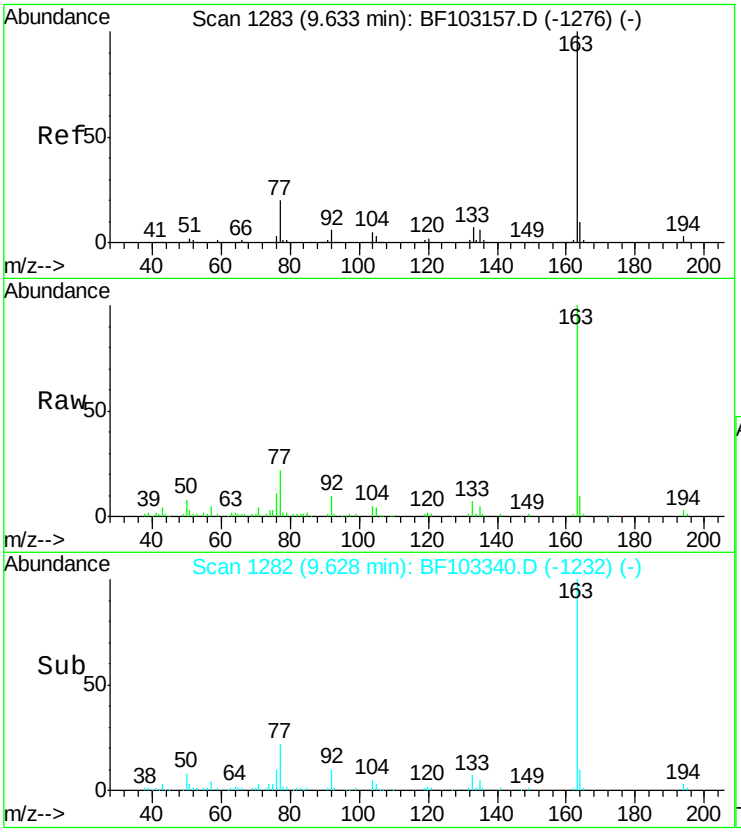


#44
2-Fluorobiphenyl
Concen: 77.378 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Tgt Ion:172 Resp: 1017925

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.2	19.6	29.4



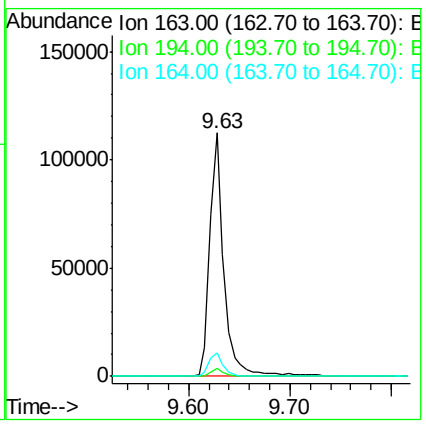


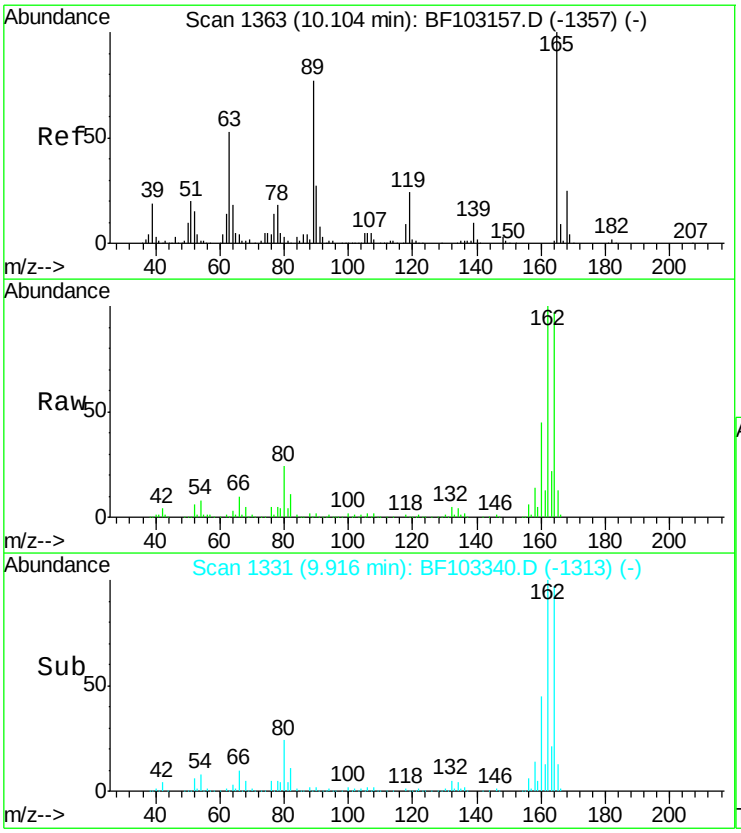
#49
Dimethylphthalate
Concen: 6.127 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 109018

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.7	8.2	12.2

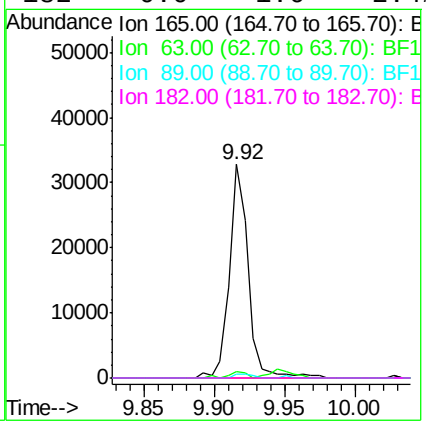


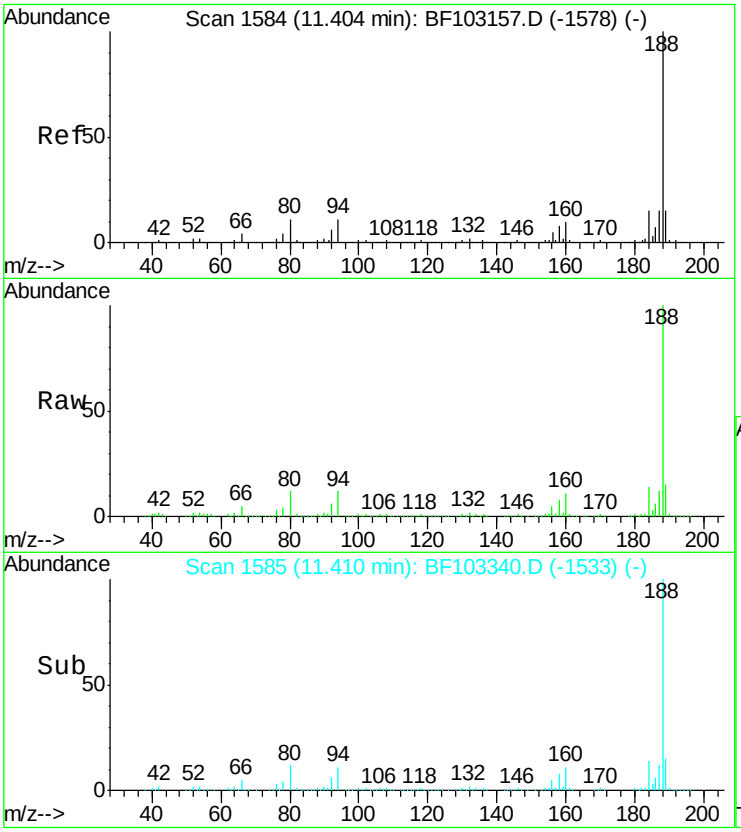


#56
2,4-Dinitrotoluene
Concen: 6.452 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Tgt Ion:165 Resp: 30467

Ion	Ratio	Lower	Upper
165	100		
63	2.7	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



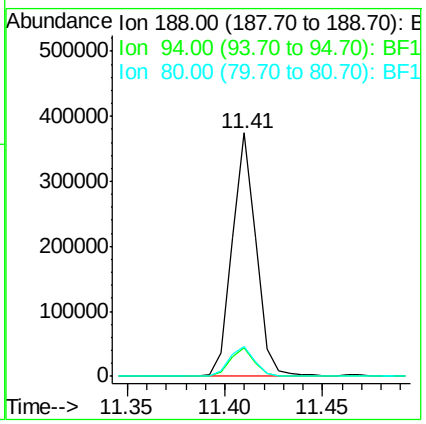


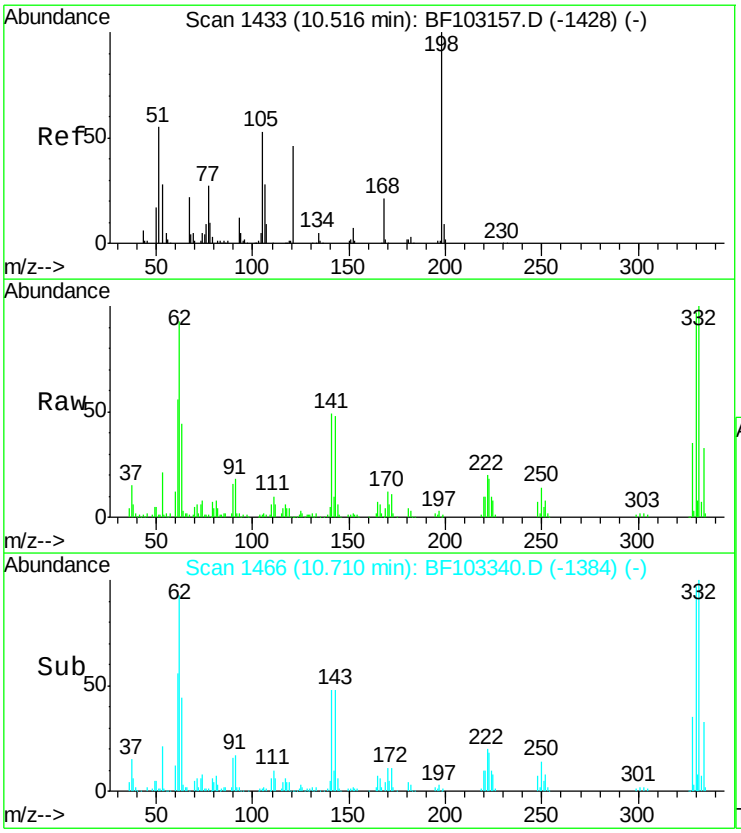
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 318374

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.1	9.2	13.8

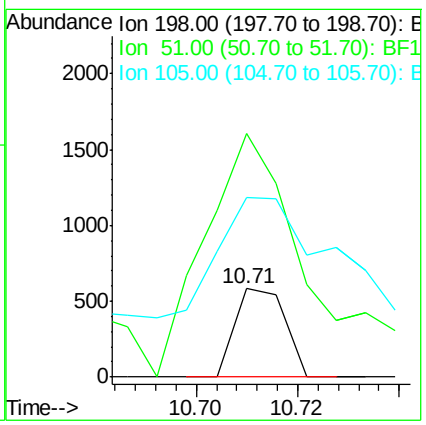


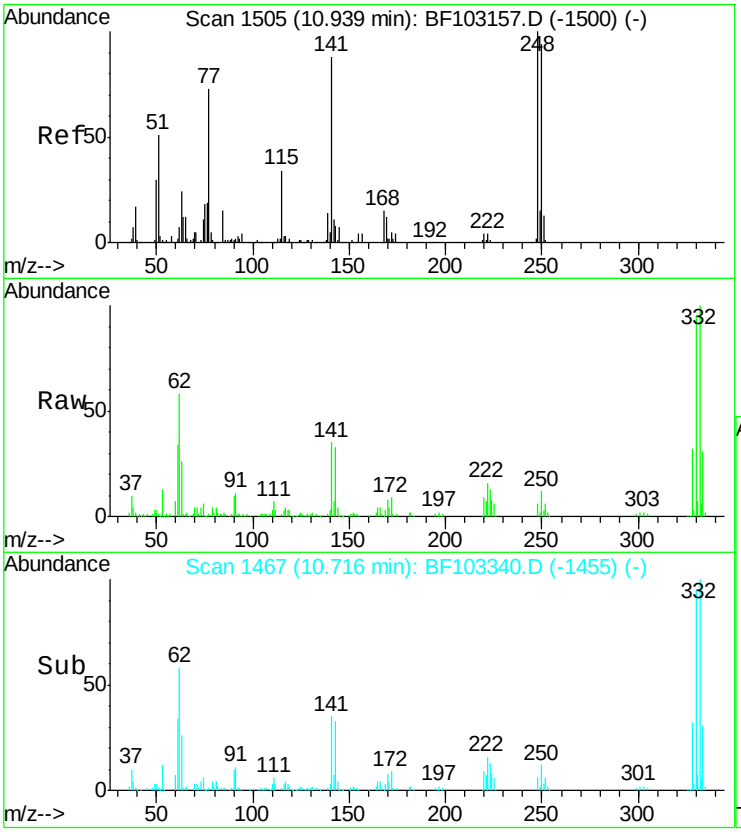


#64
4,6-Dinitro-2-methylphenol
Concen: 5.129 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.18 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Tgt Ion:198 Resp: 397

Ion	Ratio	Lower	Upper
198	100		
51	275.8	37.7	77.7#
105	203.1	36.3	76.3#



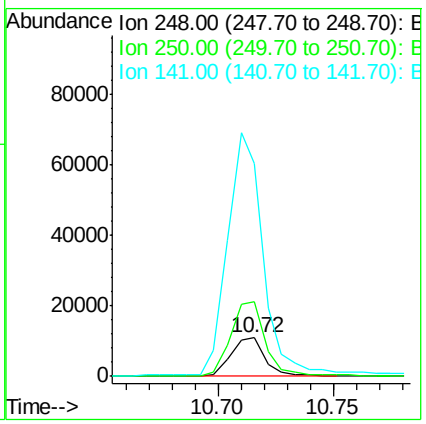


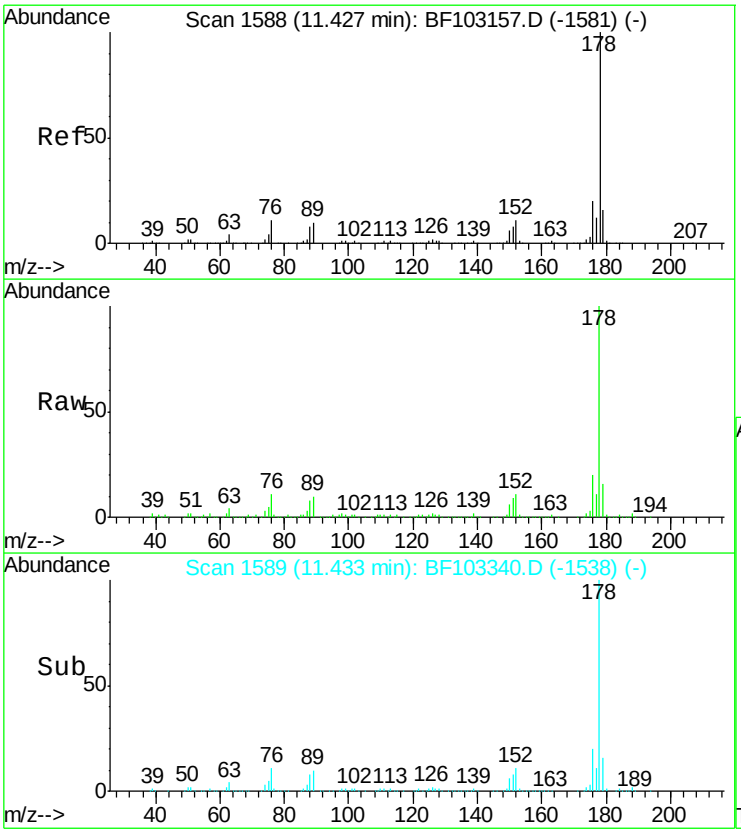
#66
4-Bromophenyl-phenylether
Concen: 3.405 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.23 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11294

Ion	Ratio	Lower	Upper
248	100		
250	193.9	76.9	115.3#
141	554.2	74.4	111.6#

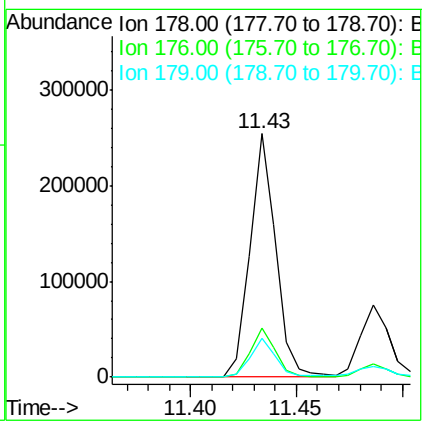


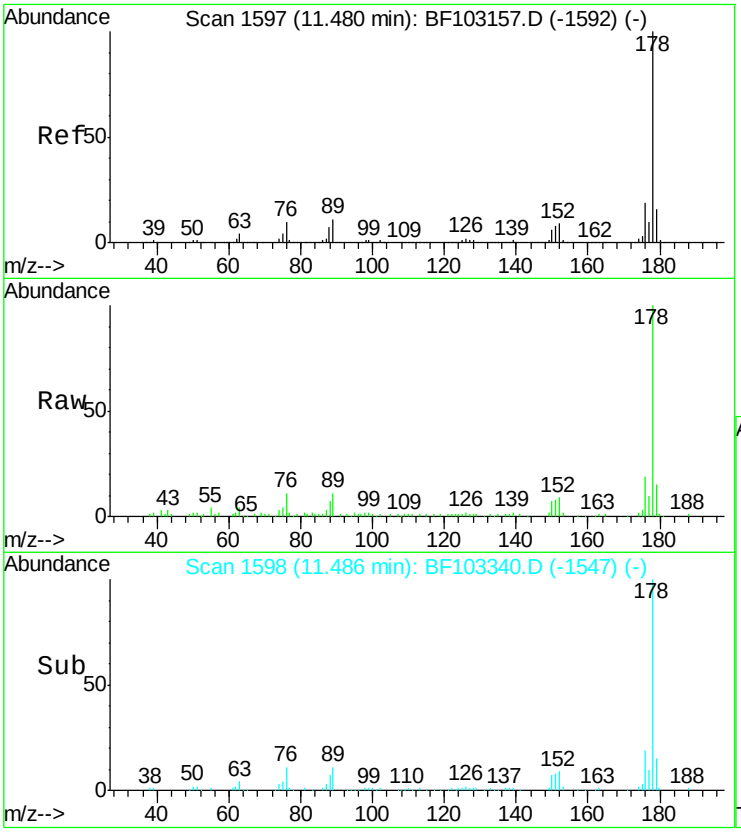


#70
Phenanthrene
Concen: 12.364 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Tgt Ion:178 Resp: 216637

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.9	13.0	19.6



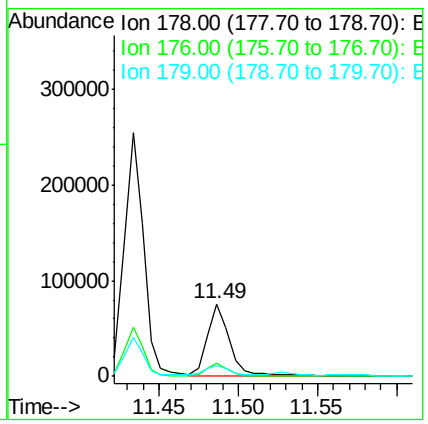


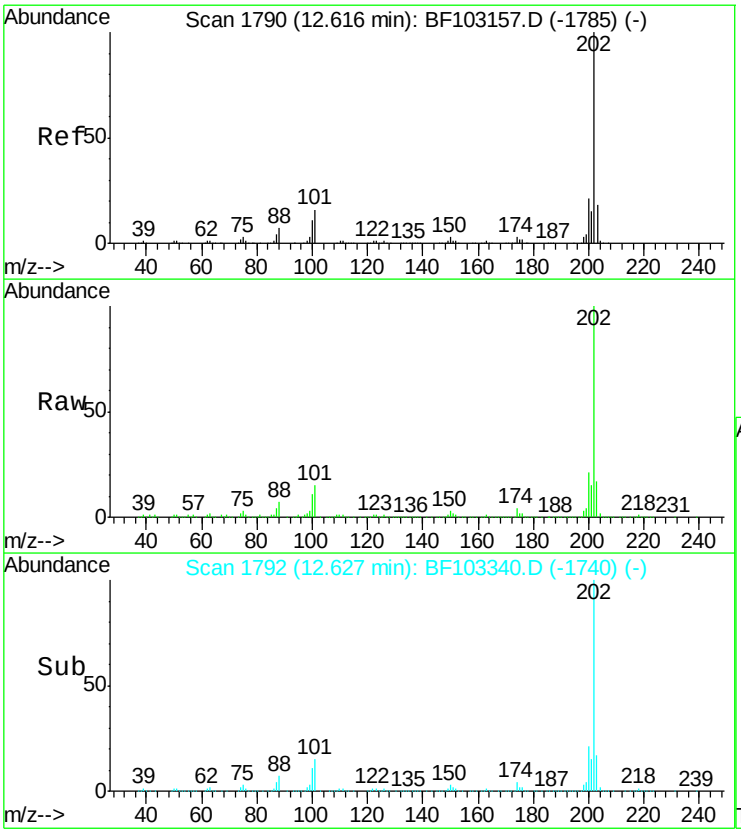
#71
Anthracene
Concen: 4.084 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 73383

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.5	12.6	19.0

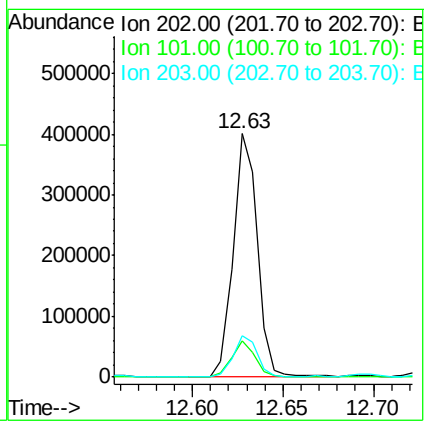


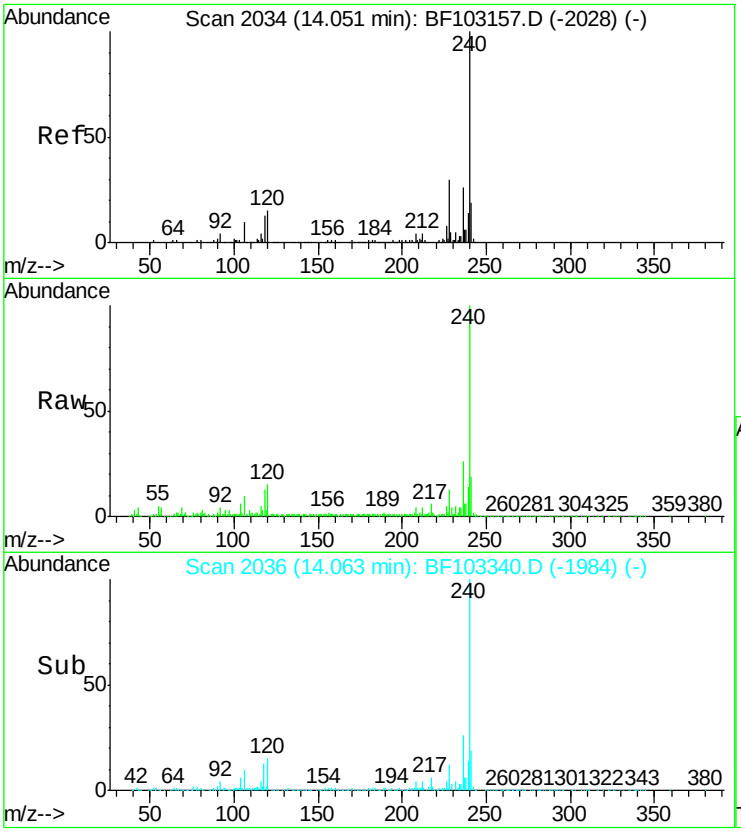


#74
Fluoranthene
Concen: 20.999 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Tgt Ion:202 Resp: 369720

Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	34.1
203	17.2	0.0	38.1



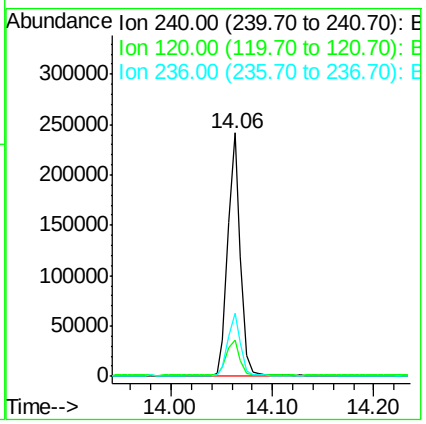


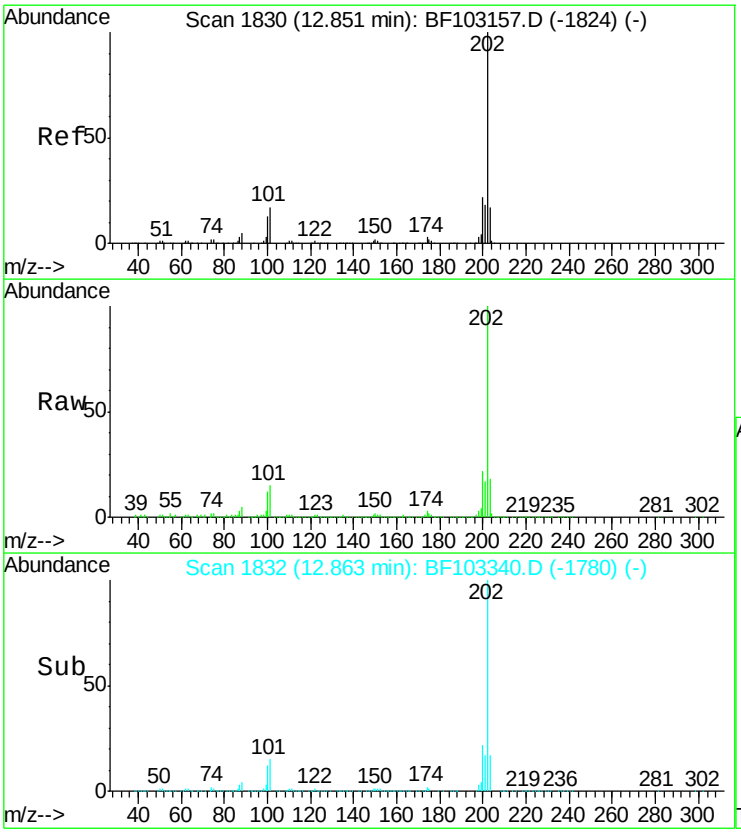
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 206290

Ion	Ratio	Lower	Upper
240	100		
120	15.0	9.5	14.3#
236	25.8	20.7	31.1

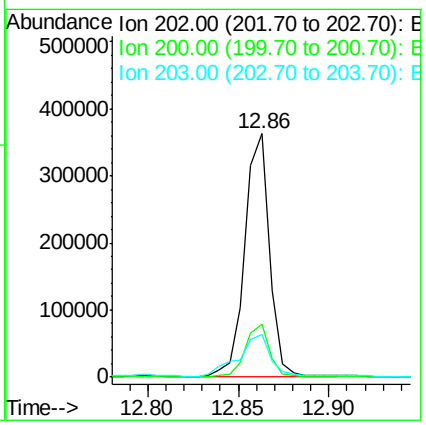


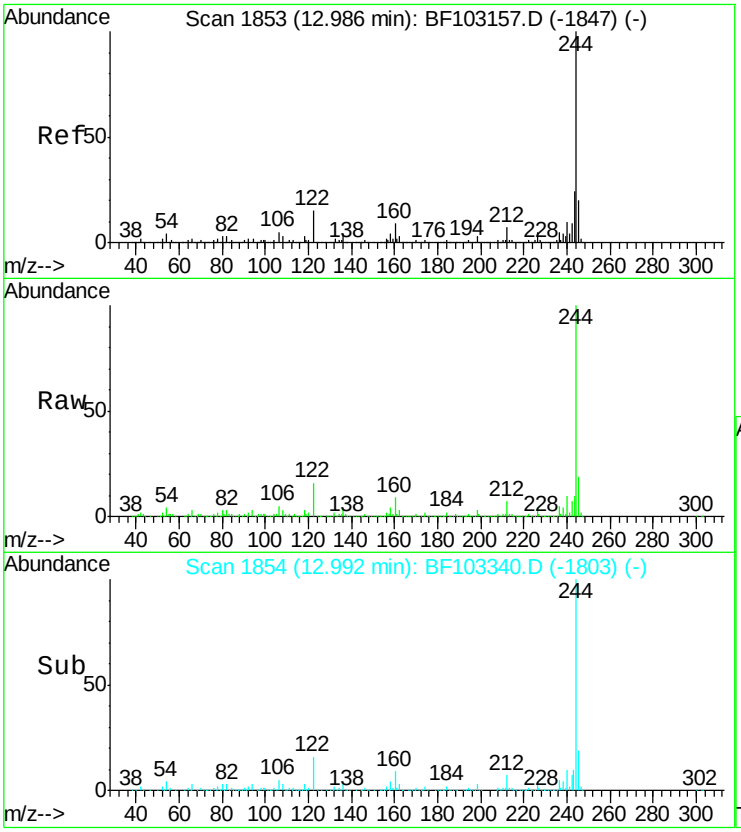


#77
Pyrene
Concen: 21.297 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Tgt Ion:202 Resp: 342529

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5



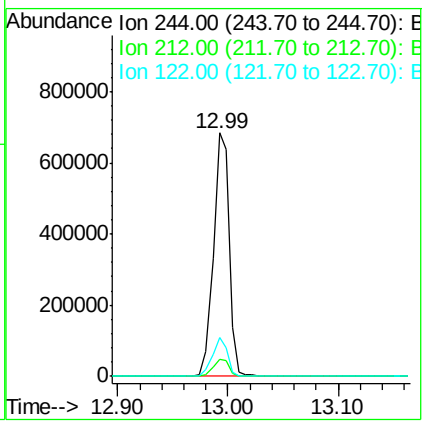


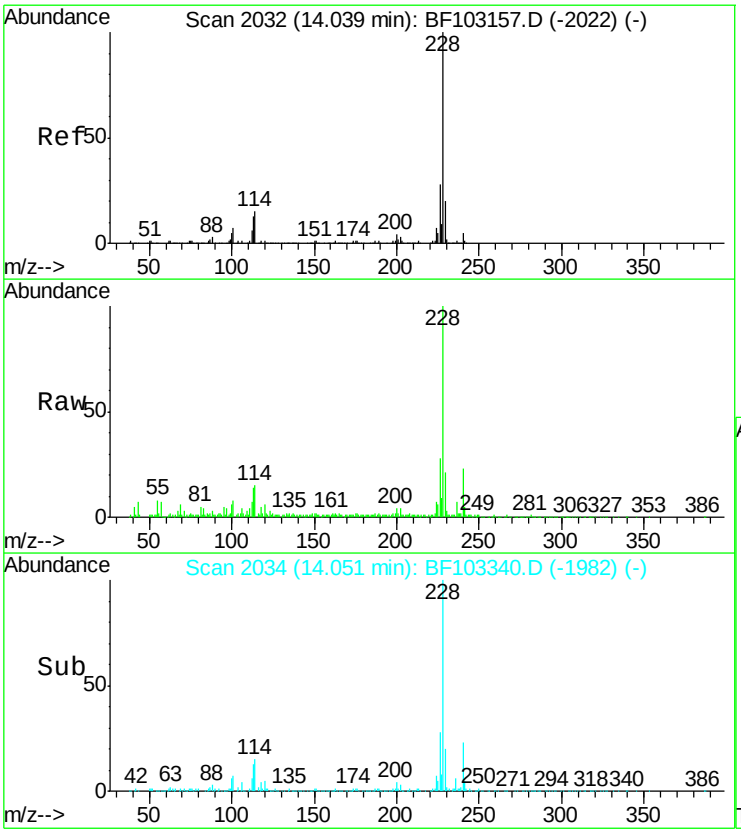
#78
Terphenyl-d14
Concen: 78.383 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 672651

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	15.7	11.0	16.4

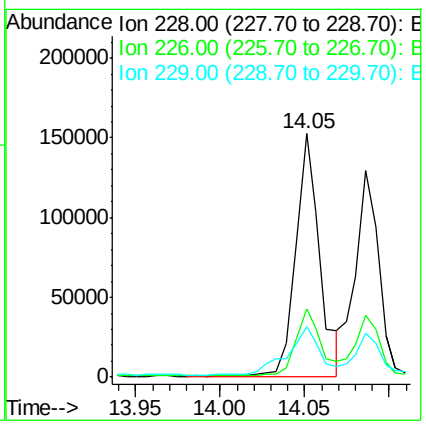


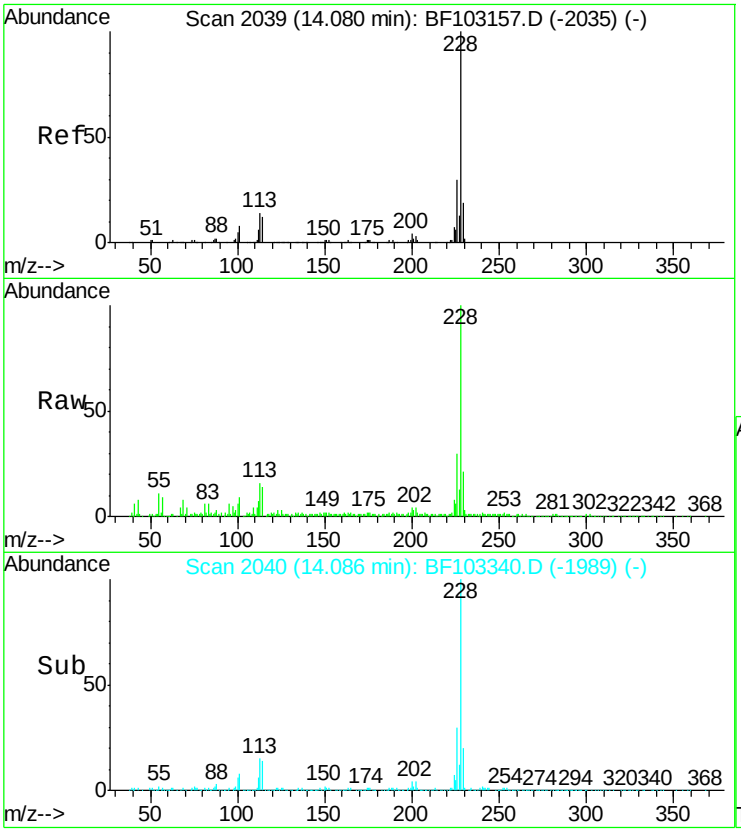


#80
Benzo(a)anthracene
Concen: 11.280 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Tgt Ion:228 Resp: 150982

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.8	15.8	23.6



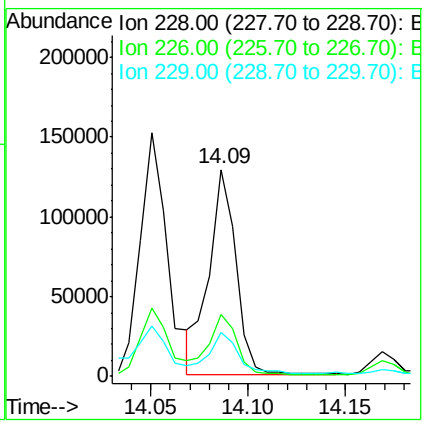


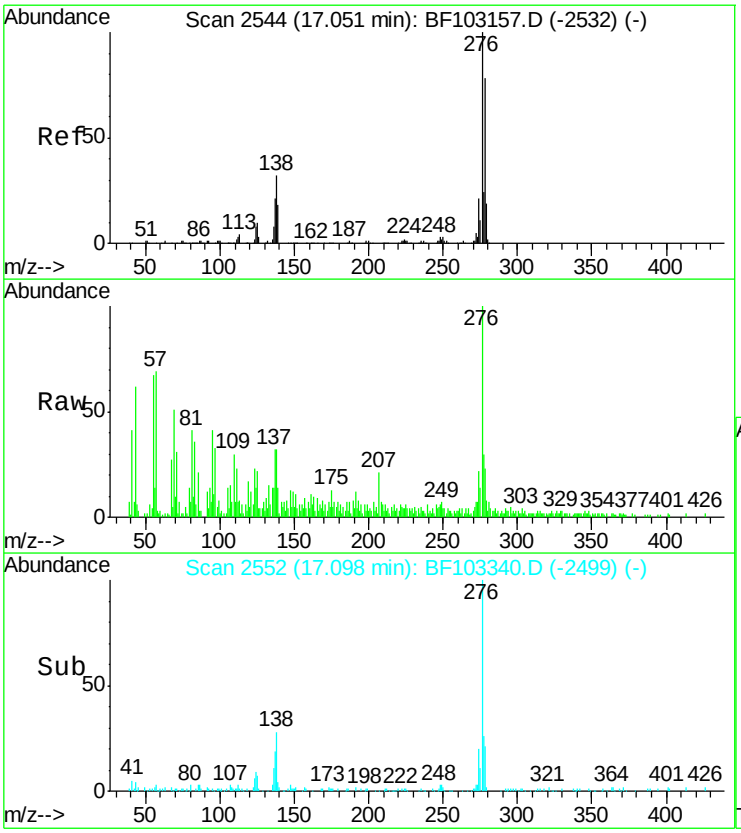
#82
Chrysene
Concen: 9.720 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 126320

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	21.3	16.2	24.4

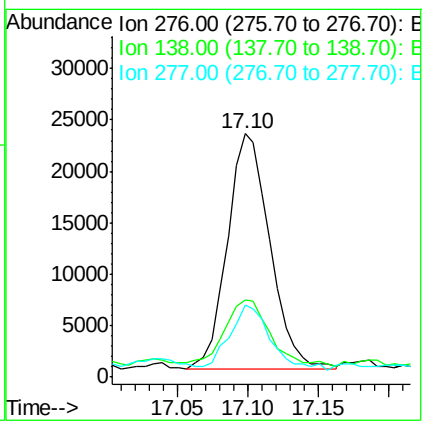


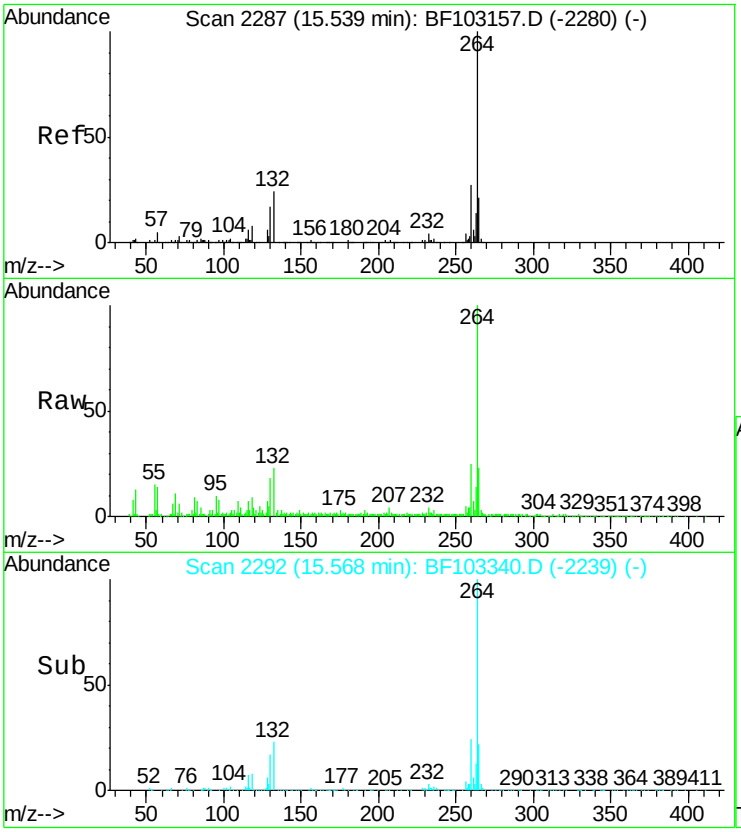


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.687 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Tgt Ion:276 Resp: 48227

Ion	Ratio	Lower	Upper
276	100		
138	30.1	25.0	37.6
277	26.5	20.1	30.1



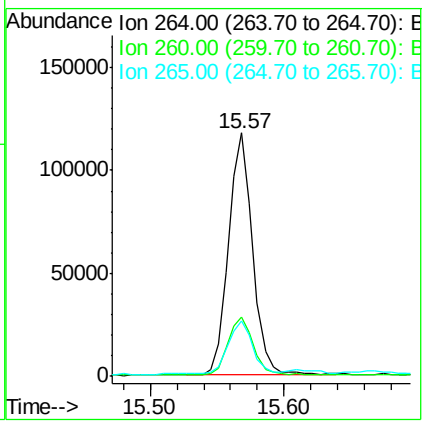


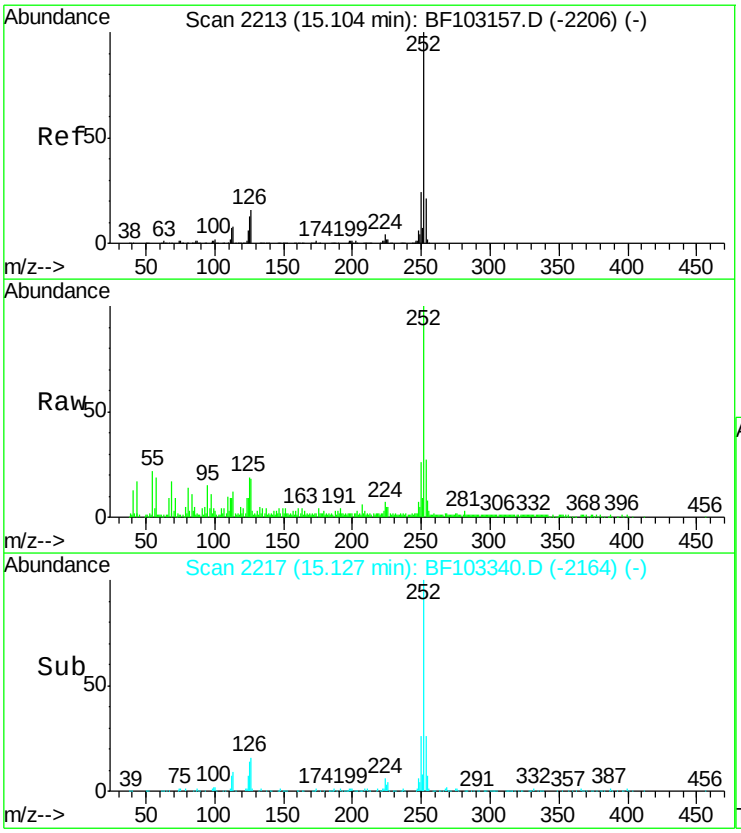
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 150335

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.6	17.5	26.3

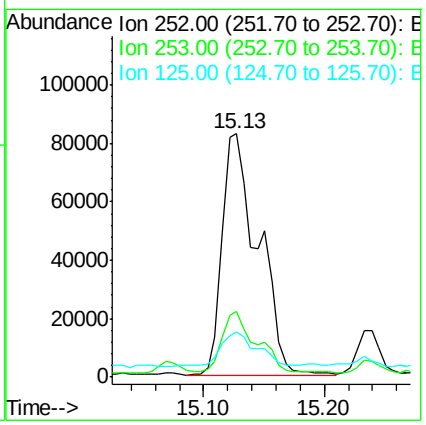


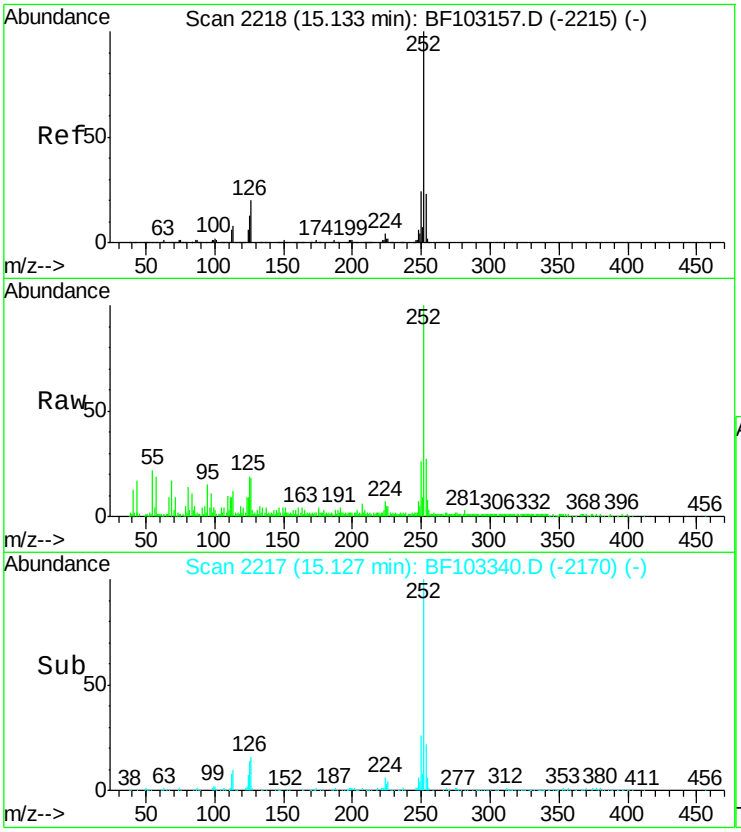


#87
Benzo(b)fluoranthene
Concen: 17.273 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Tgt Ion:252 Resp: 170737

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.0	25.6#
125	18.6	9.0	13.6#



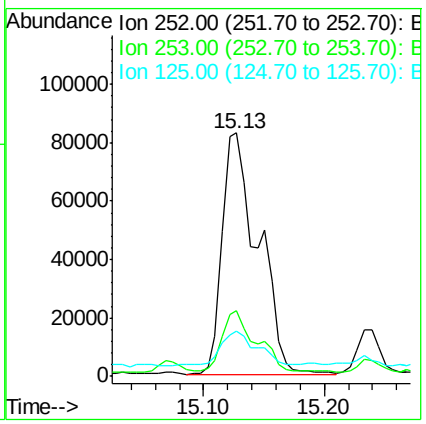


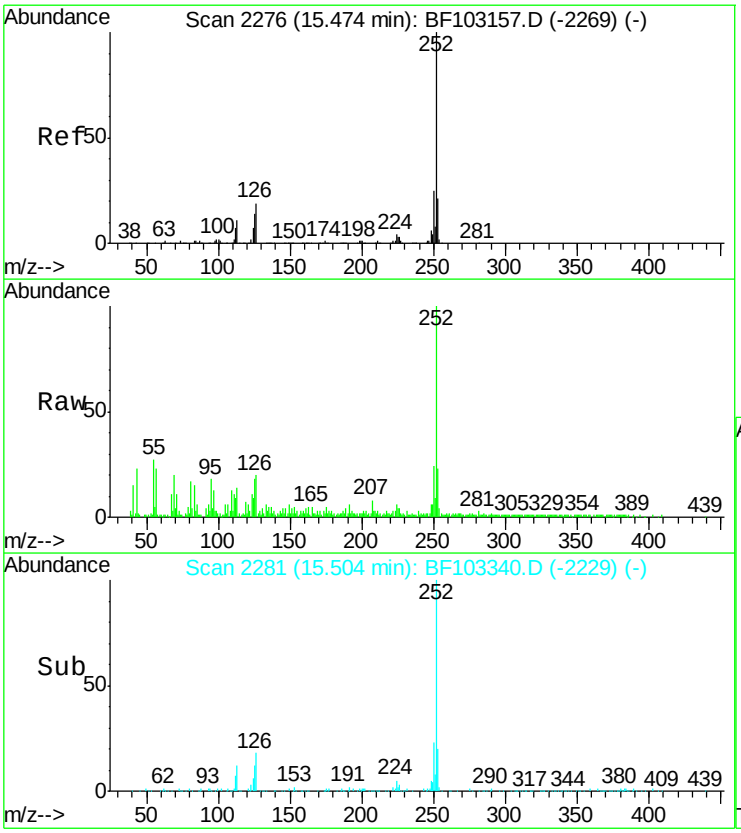
#88
Benzo(k)fluoranthene
Concen: 18.344 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 170737

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.9	26.9#
125	18.6	10.2	15.2#

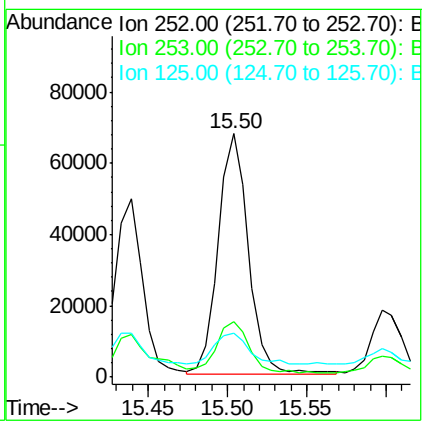


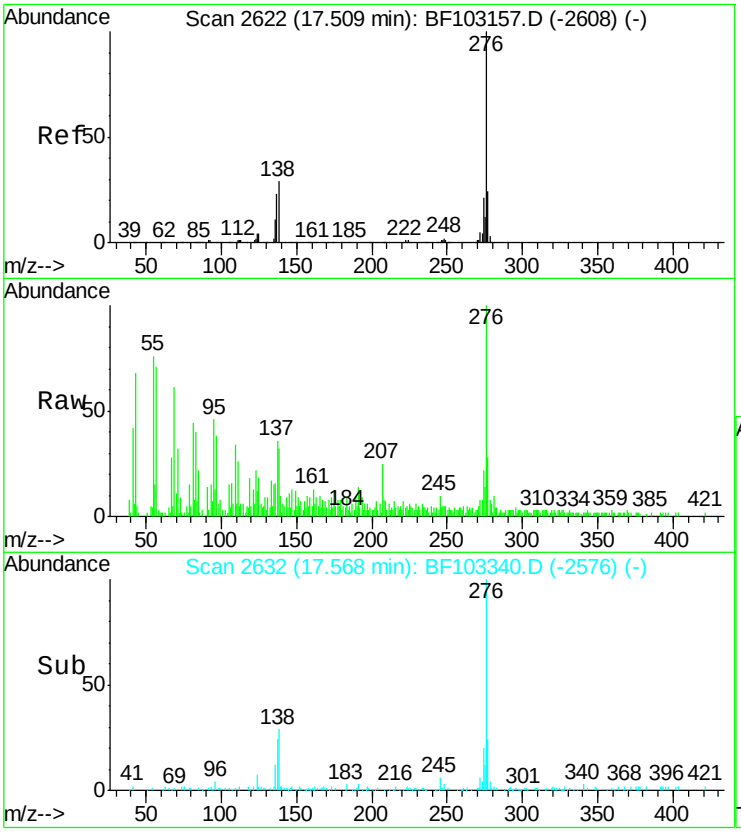


#89
Benzo(a)pyrene
Concen: 10.052 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Tgt Ion:252 Resp: 88727

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	18.1	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 6.797 ng
RT: 17.57 min Scan# 2632
Delta R.T. 0.03 min
Lab File: BF103340.D
Acq: 1 Mar 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 45306

Ion	Ratio	Lower	Upper
276	100		
277	27.5	17.9	26.9#
138	31.9	21.8	32.8