Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF022718\
Data File : BF103267.D
Acq On : 27 Feb 2018 17:08
Operator : SJ/JU
Sample : J1698-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2

Quant Time: Feb 27 17:40:03 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	145716	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	614279	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	256505	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	382058	20.00	ng		0.00
75) Chrysene-d12	14.06	240	250080	20.00	ng		0.00
86) Perylene-d12	15.56	264	218506	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	943527	97.93	ng		0.00
7) Phenol-d6	6.51	99	1133440	96.14	ng		0.00
23) Nitrobenzene-d5	7.44	82	709426	65.95	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	197272	90.86	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1062599	68.00	ng		0.00
78) Terphenyl-d14	12.99	244	703908	67.66	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.51	77	1523	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.44	70	95810	13.058	ng	#	80
25) Isophorone	7.44	82	709420	33.487	ng	#	64
49) Dimethylphthalate	9.62	163	148615	7.222	ng		99
56) 2,4-Dinitrotoluene	9.92	165	33953	6.217	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	300	5.061	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	13124	3.298	ng	#	1
70) Phenanthrene	11.43	178	73740	3.507	ng		98
74) Fluoranthene	12.62	202	153060	7.244	ng		97
77) Pyrene	12.86	202	180444	9.255	ng		99
80) Benzo(a)anthracene	14.04	228	85888	5.293	ng		97
82) Chrysene	14.08	228	88450	5.614	ng		95
85) Indeno(1,2,3-cd)pyrene	17.09	276	35980	2.885	ng		99
87) Benzo(b)fluoranthene	15.12	252	127664	8.886	ng	#	82
88) Benzo(k)fluoranthene	15.12	252	127664	9.437	ng	#	85
89) Benzo(a)pyrene	15.50	252	69963	5.453	ng	#	85
91) Benzo(g,h,i)perylene	17.55	276	34026	3.512	ng	#	90

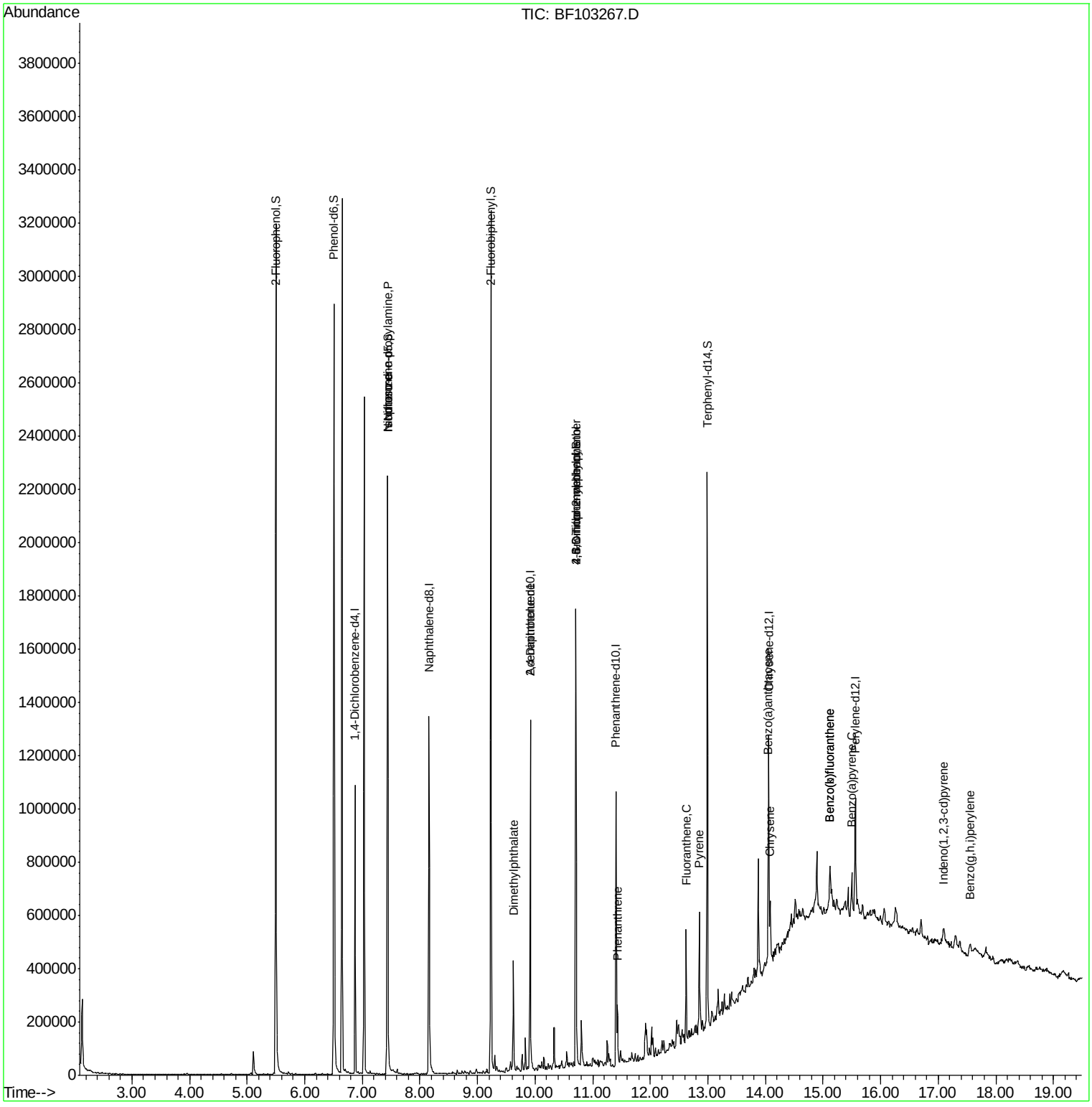
(#) = qualifier out of range (m) = manual integration (+) = signals summed

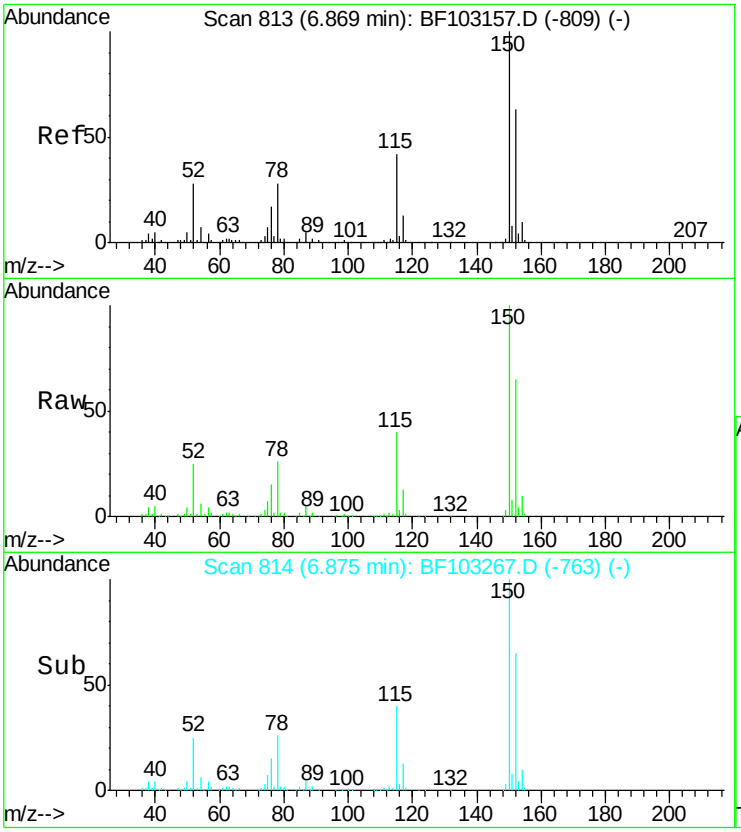
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF022718\
Data File : BF103267.D
Acq On : 27 Feb 2018 17:08
Operator : SJ/JU
Sample : J1698-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B2

Quant Time: Feb 27 17:40:03 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



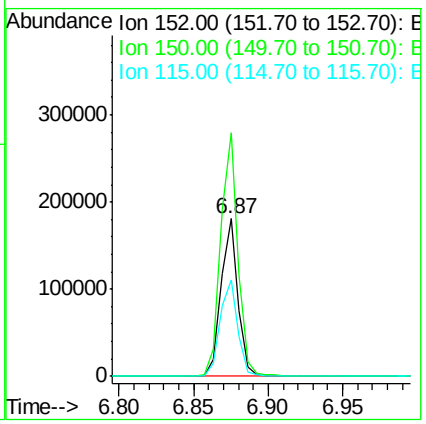


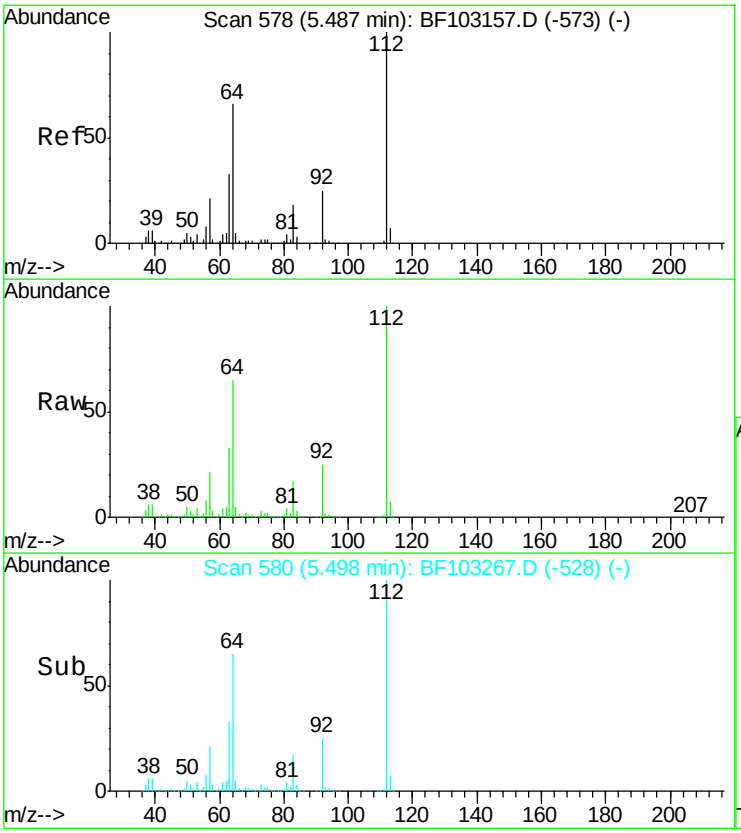
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:152 Resp: 145716

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	61.3	50.1	75.1

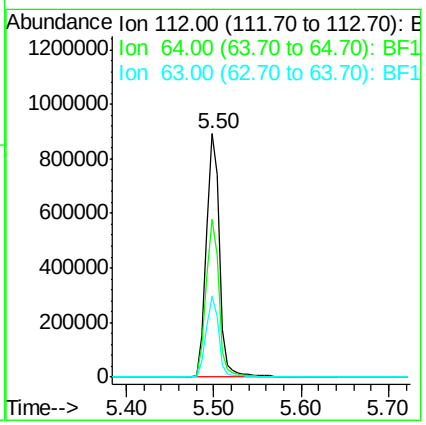


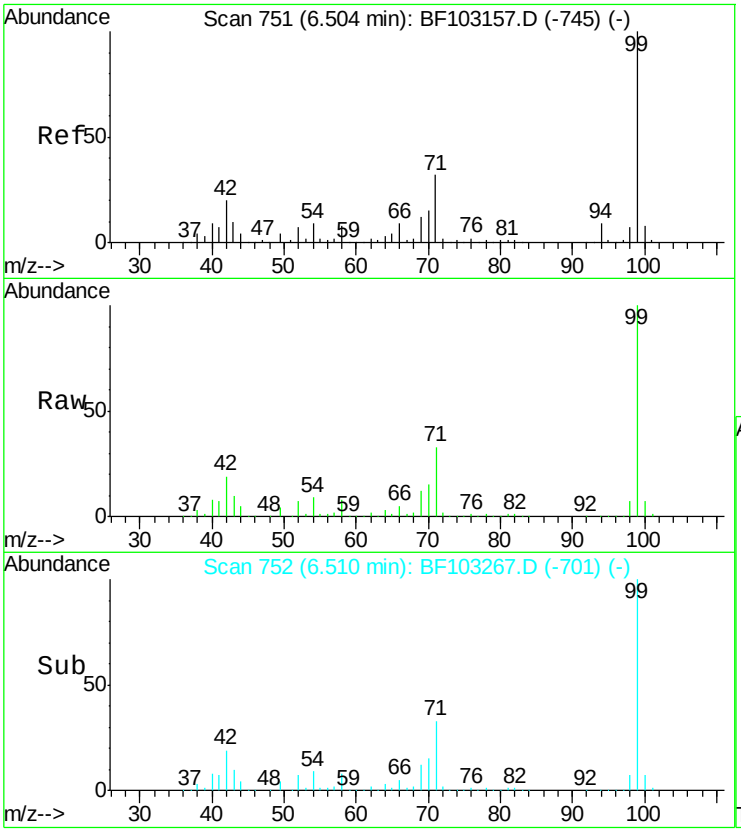


#5
2-Fluorophenol
Concen: 97.931 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Tgt Ion:112 Resp: 943527

Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	33.4	23.7	35.5



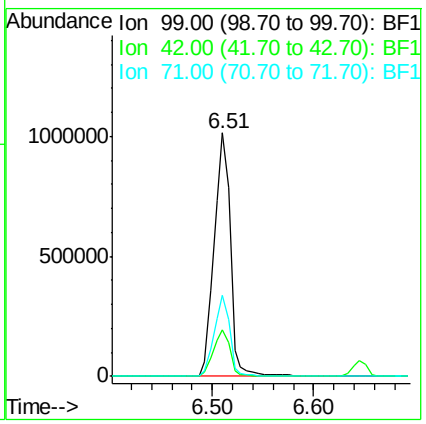


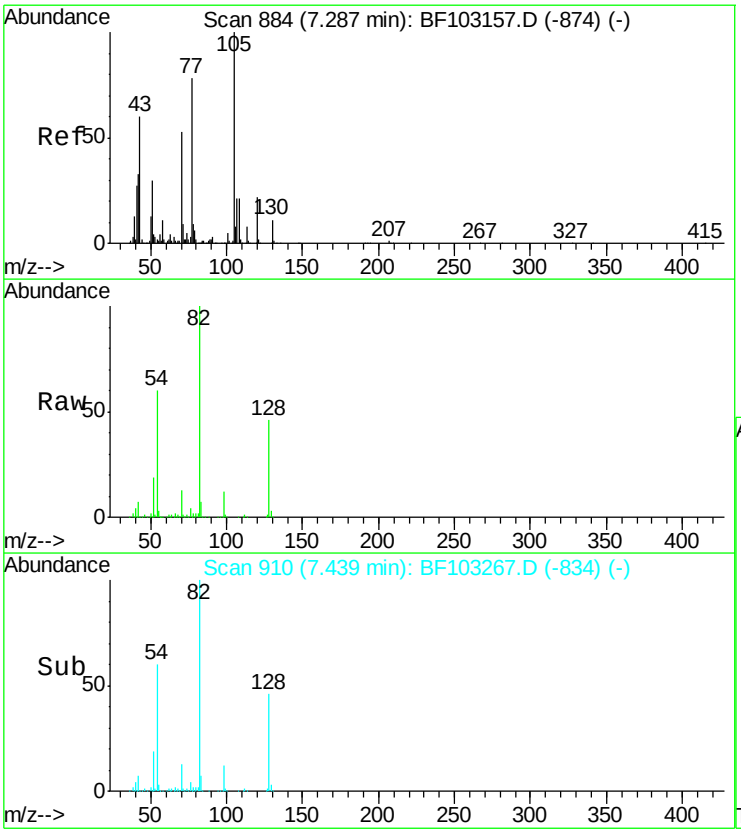
#7
Phenol-d6
Concen: 96.141 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion: 99 Resp: 1133440

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	33.3	25.4	38.0

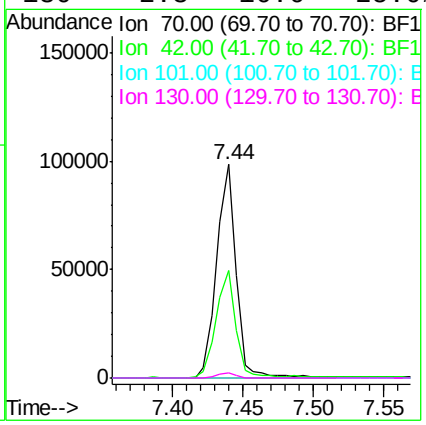


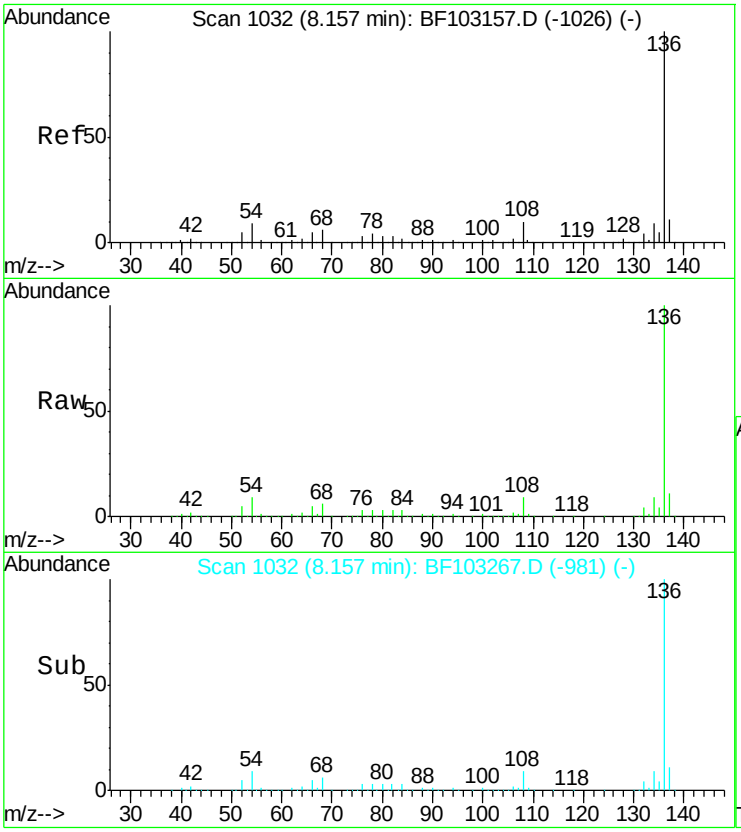


#19
n-Nitroso-di-n-propylamine
Concen: 13.058 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Tgt Ion: 70 Resp: 95810

Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



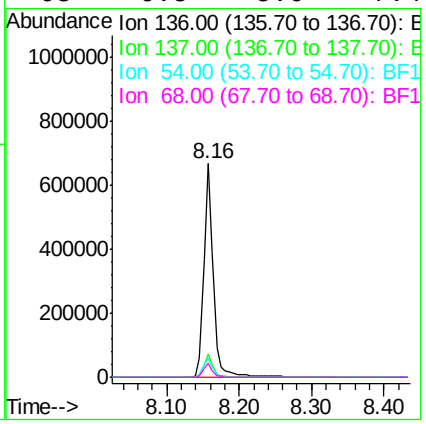


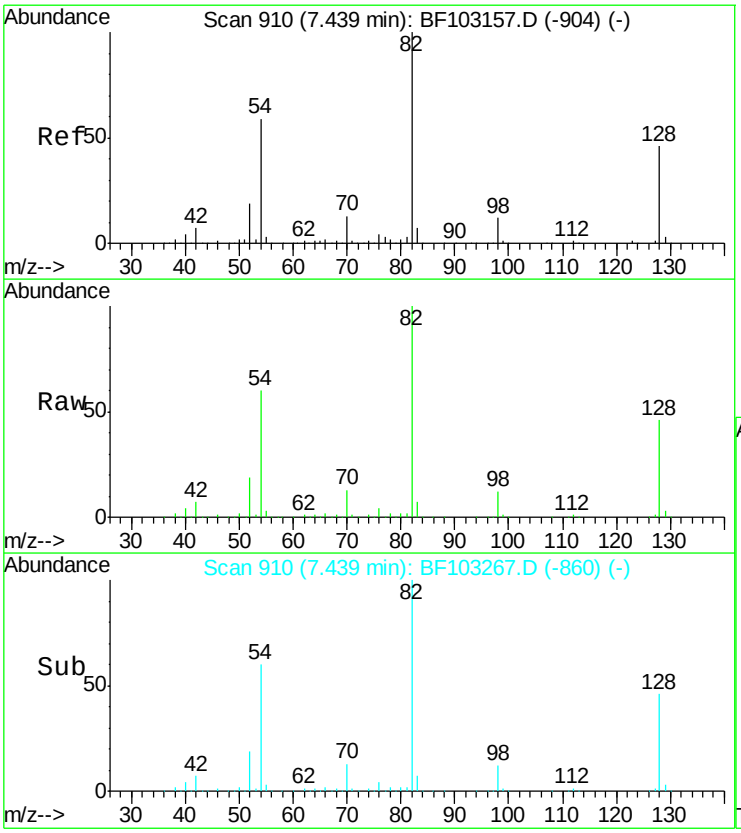
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:136 Resp: 614279

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.2	6.6	9.8
68	6.5	5.0	7.4

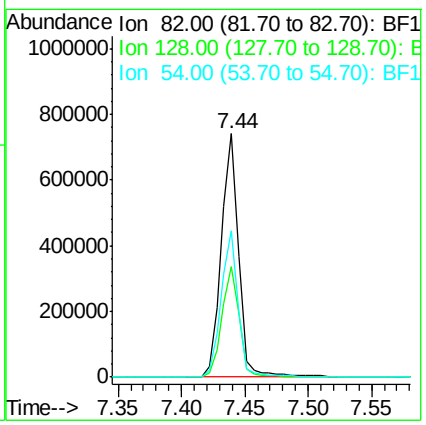


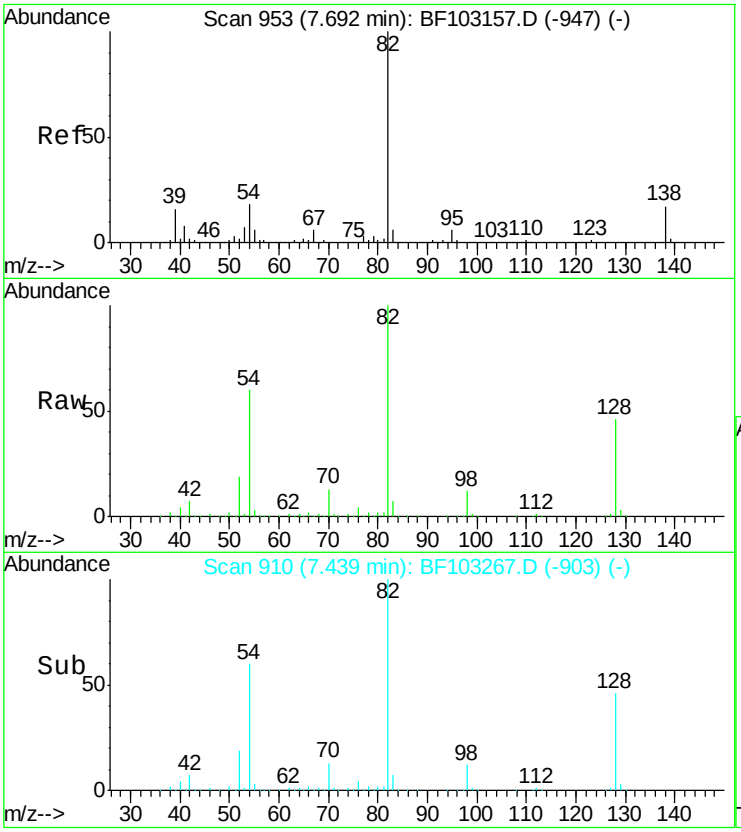


#23
Nitrobenzene-d5
Concen: 65.954 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Tgt Ion: 82 Resp: 709426

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	59.9	41.4	62.2



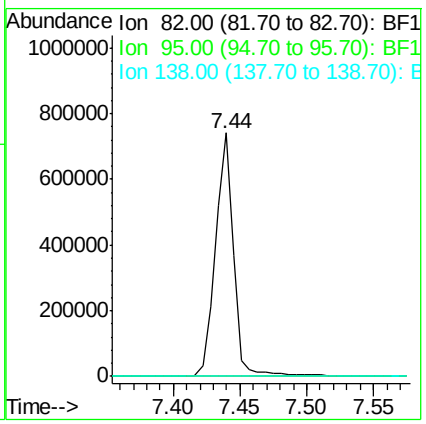


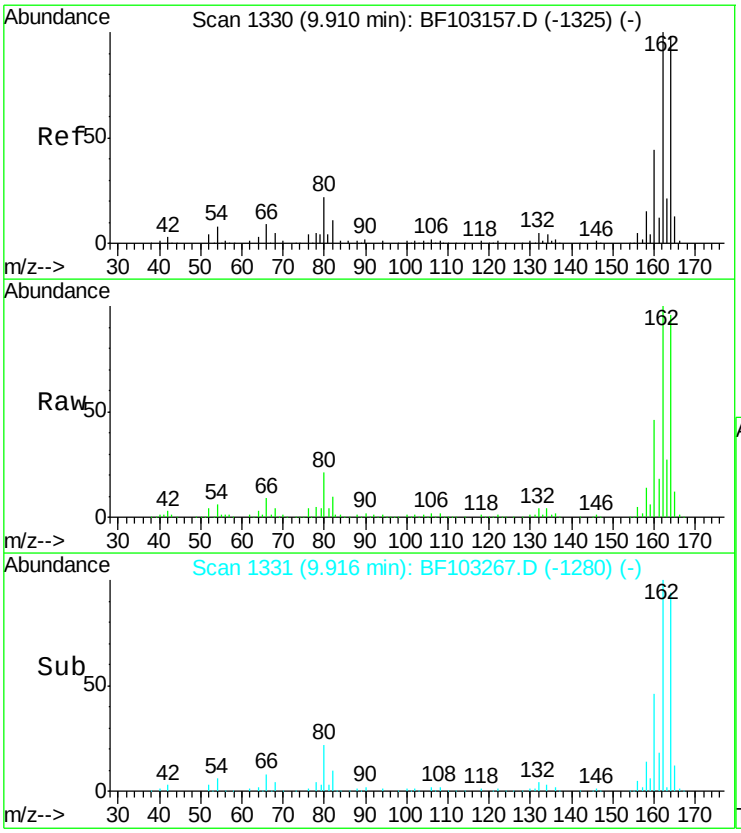
#25
Isophorone
Concen: 33.487 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion: 82 Resp: 709420

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

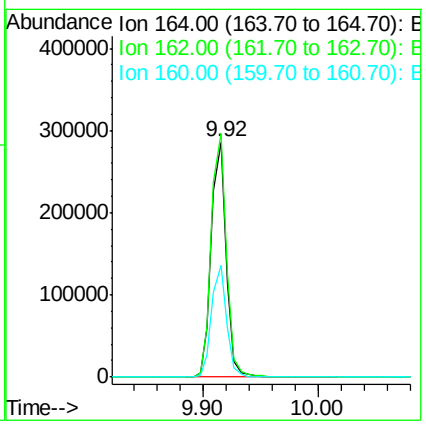


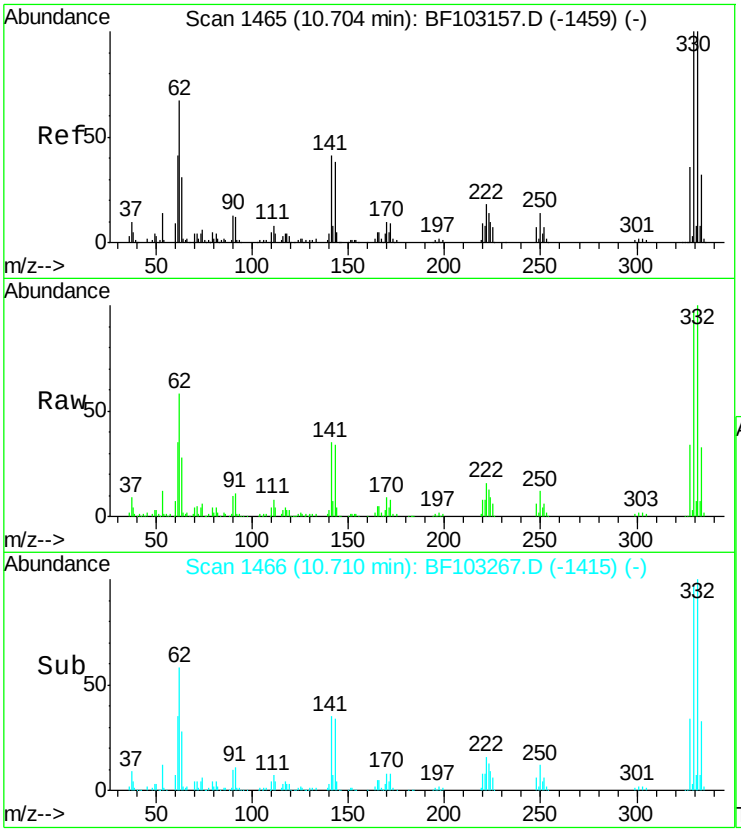


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Tgt Ion:164 Resp: 256505

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	47.4	38.3	57.5



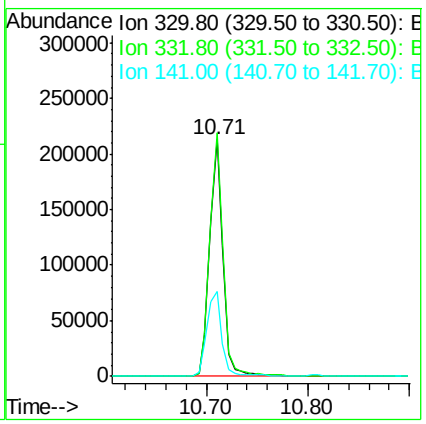


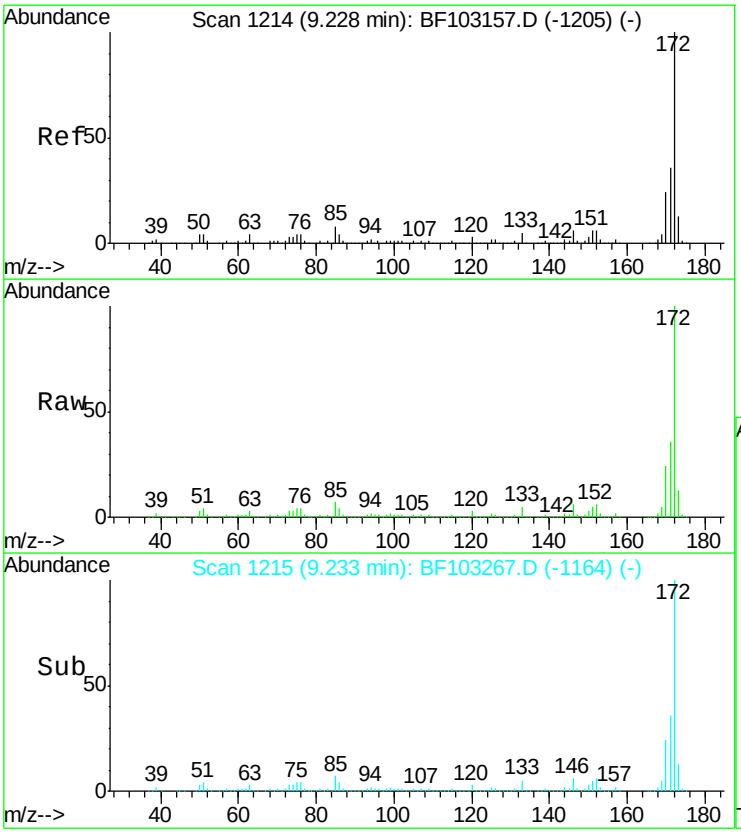
#41
2,4,6-Tribromophenol
Concen: 90.860 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:330 Resp: 197272

Ion	Ratio	Lower	Upper
330	100		
332	103.1	77.0	115.6
141	40.1	29.9	44.9

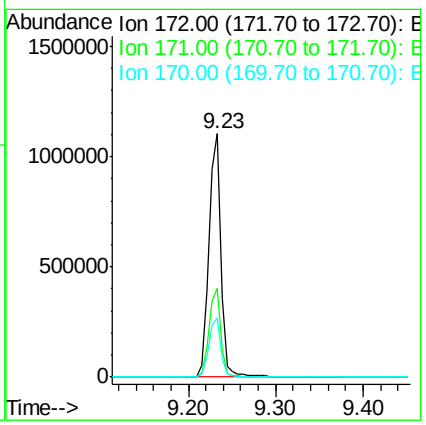


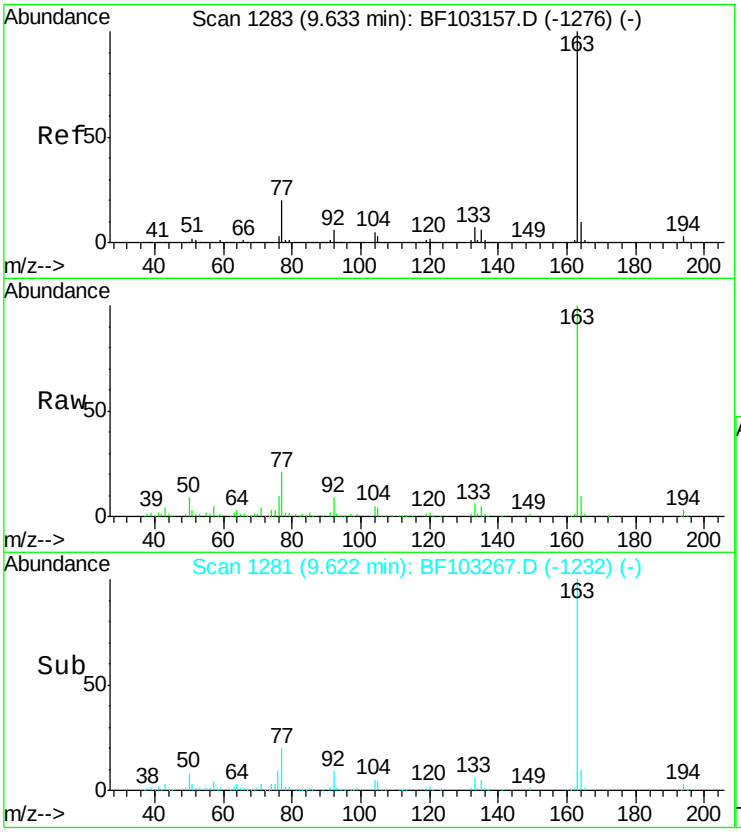


#44
2-Fluorobiphenyl
Concen: 68.000 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Tgt Ion:172 Resp: 1062599

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4



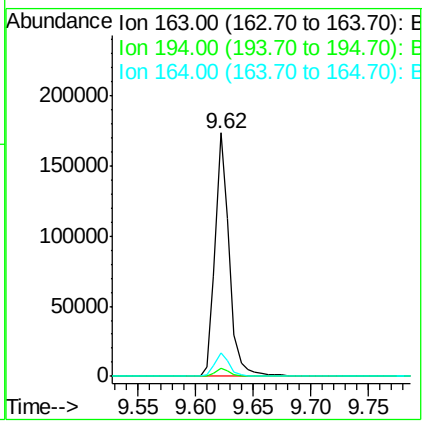


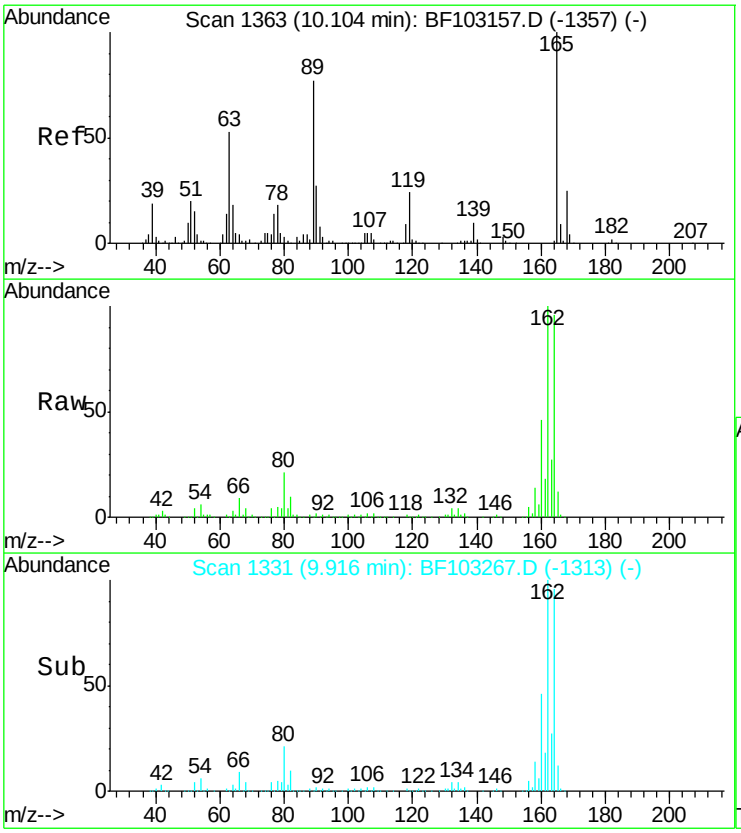
#49
Dimethylphthalate
Concen: 7.222 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:163 Resp: 148615

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.7	8.2	12.2

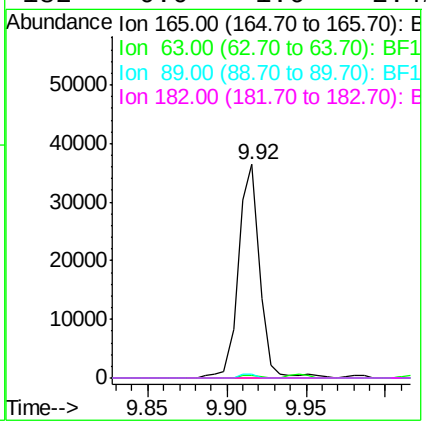


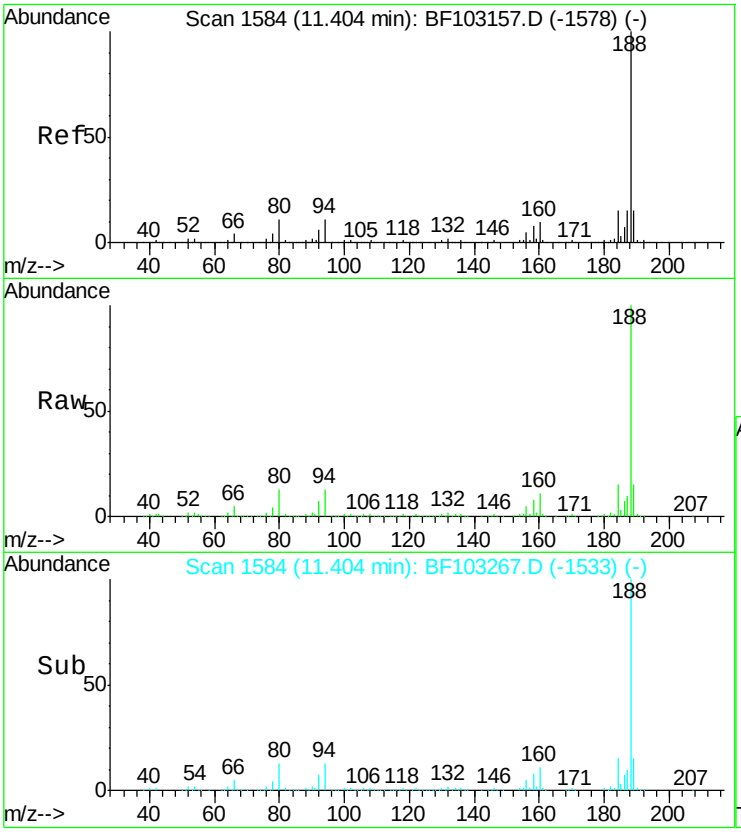


#56
2,4-Dinitrotoluene
Concen: 6.217 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Tgt Ion:165 Resp: 33953

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



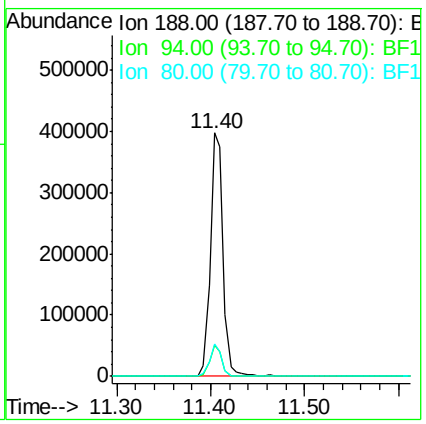


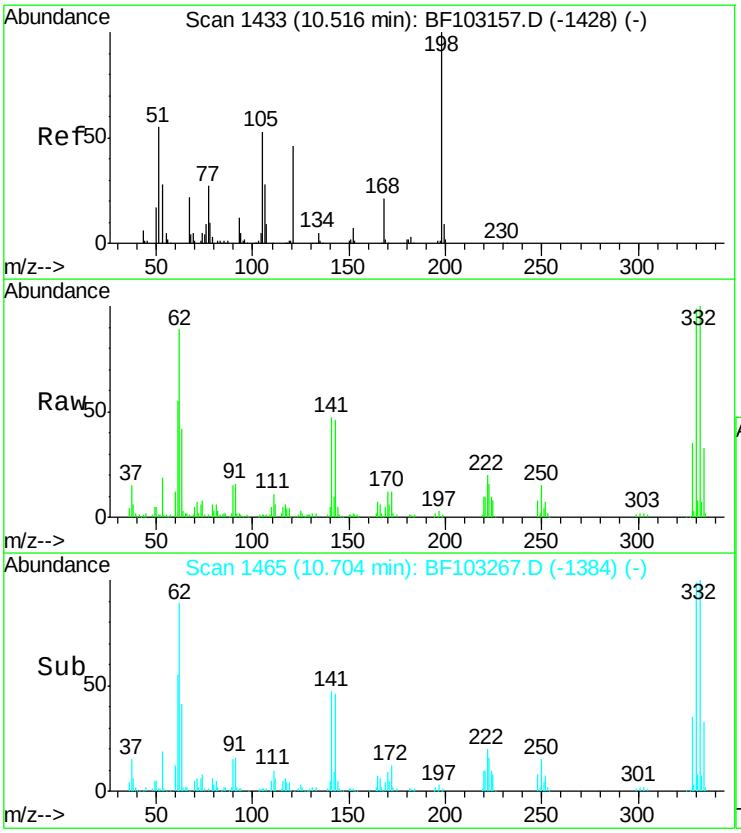
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:188 Resp: 382058

Ion	Ratio	Lower	Upper
188	100		
94	12.9	8.5	12.7#
80	13.5	9.2	13.8

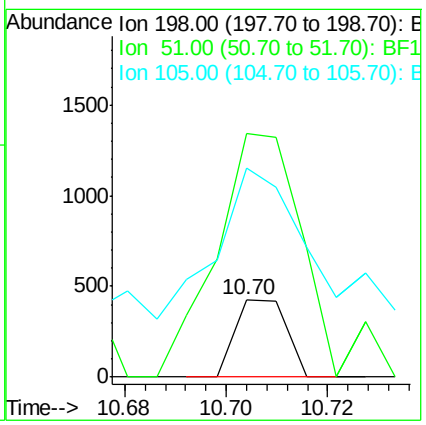


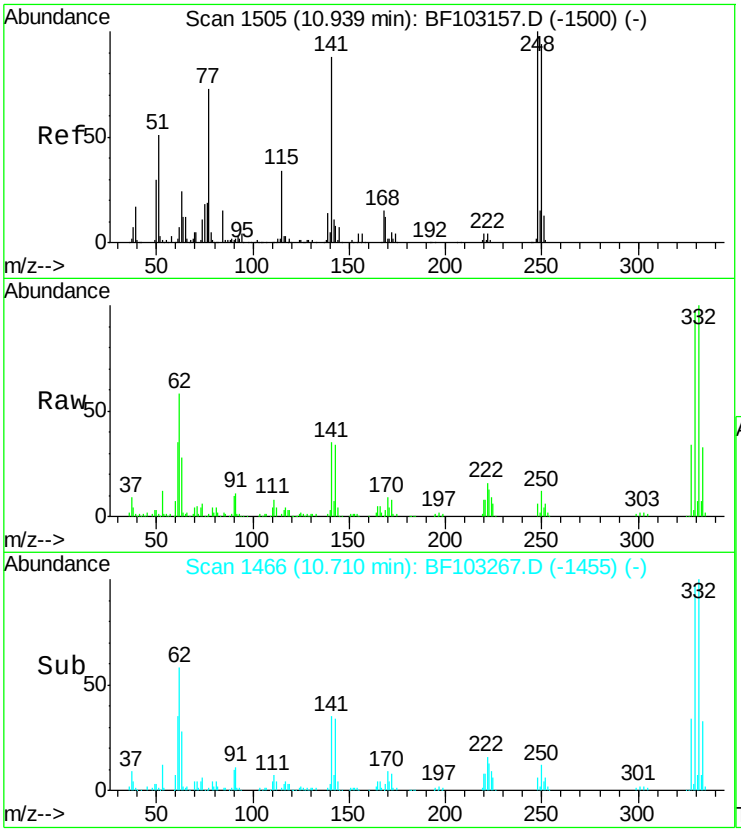


#64
4,6-Dinitro-2-methylphenol
Concen: 5.061 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Tgt Ion:198 Resp: 300

Ion	Ratio	Lower	Upper
198	100		
51	314.3	37.7	77.7#
105	270.3	36.3	76.3#



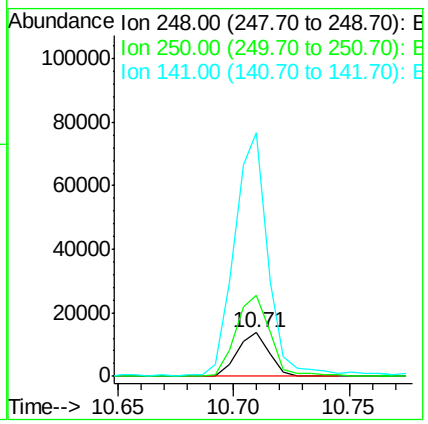


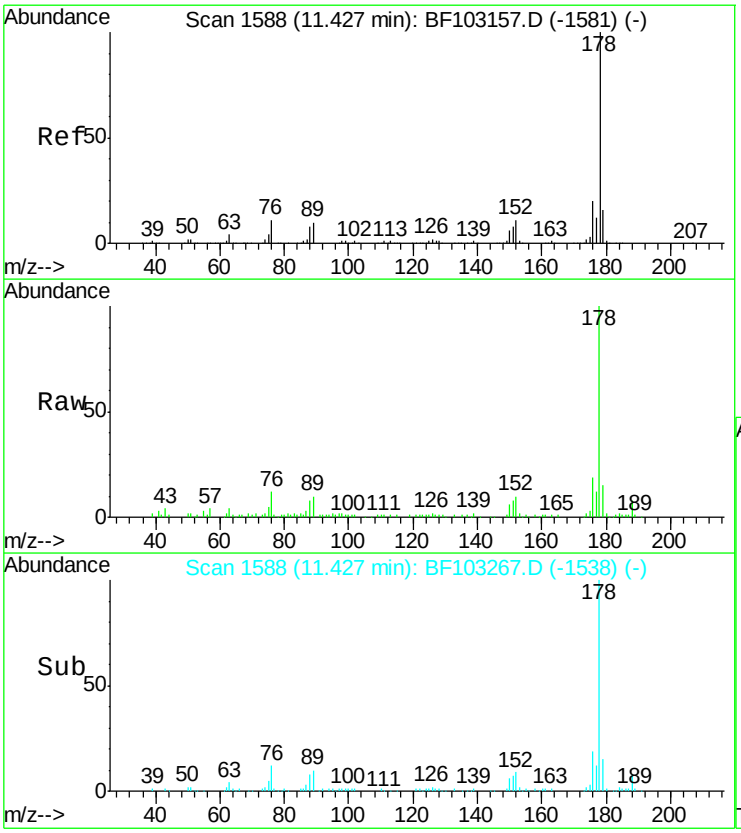
#66
4-Bromophenyl-phenylether
Concen: 3.298 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:248 Resp: 13124

Ion	Ratio	Lower	Upper
248	100		
250	187.7	76.9	115.3#
141	560.5	74.4	111.6#

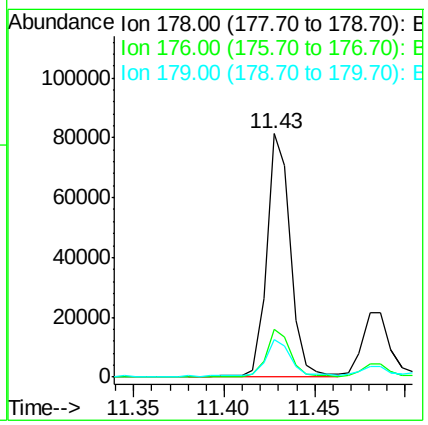


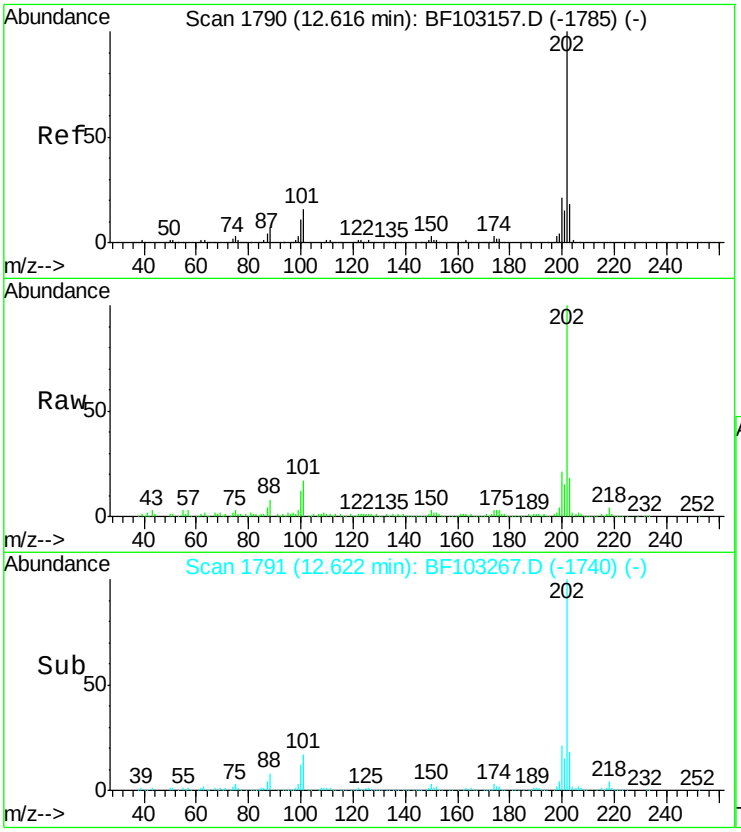


#70
Phenanthrene
Concen: 3.507 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Tgt Ion:178 Resp: 73740

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.3	13.0	19.6



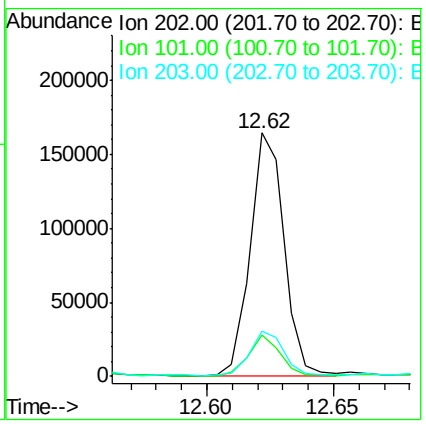


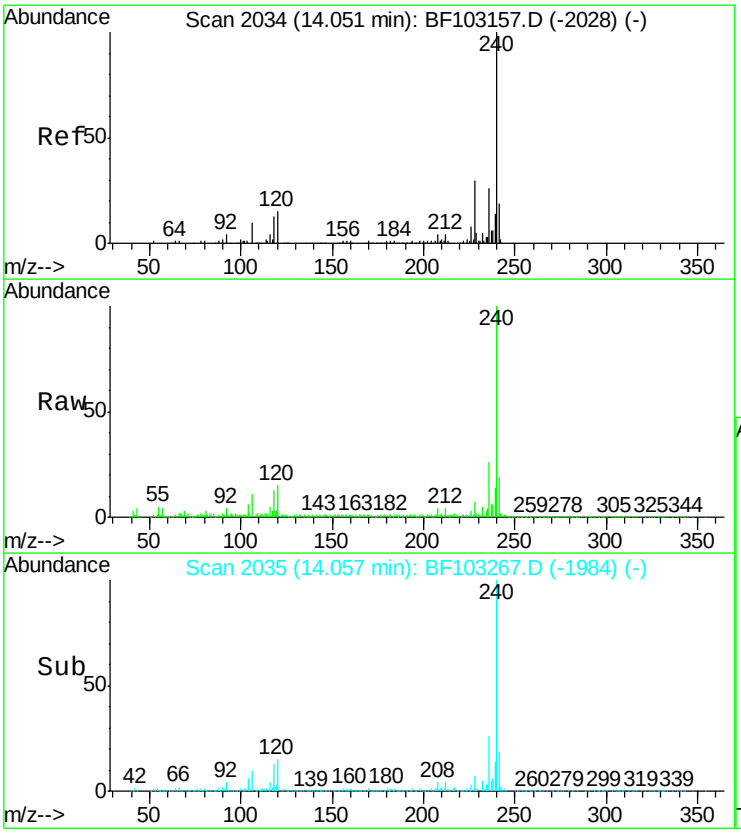
#74
Fluoranthene
Concen: 7.244 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:202 Resp: 153060

Ion	Ratio	Lower	Upper
202	100		
101	16.8	0.0	34.1
203	18.4	0.0	38.1

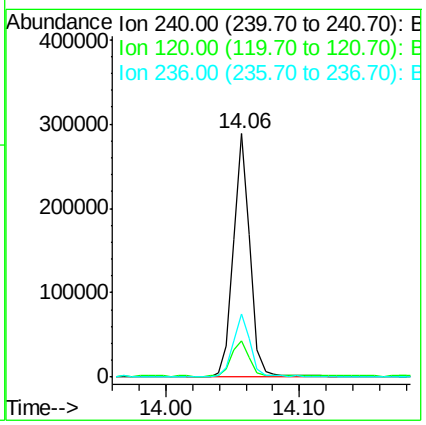


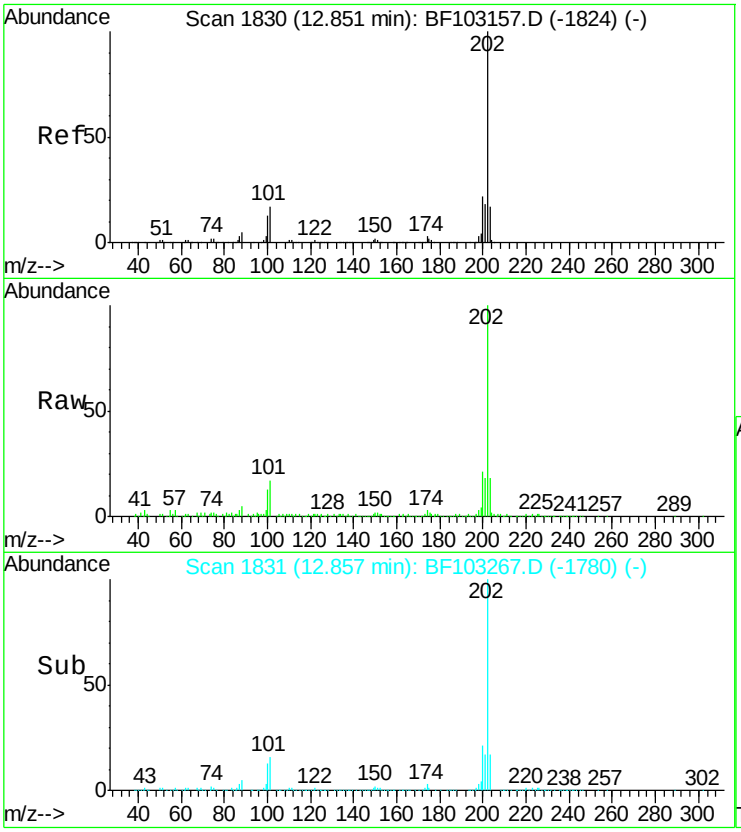


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Tgt Ion:240 Resp: 250080

Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	25.9	20.7	31.1



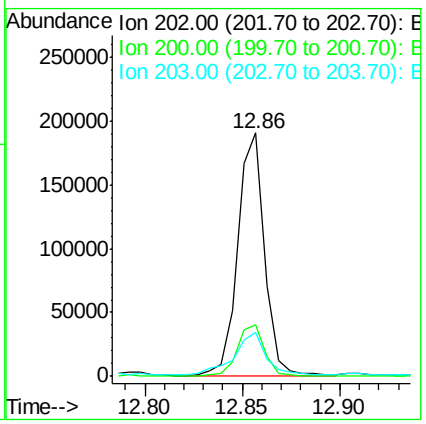


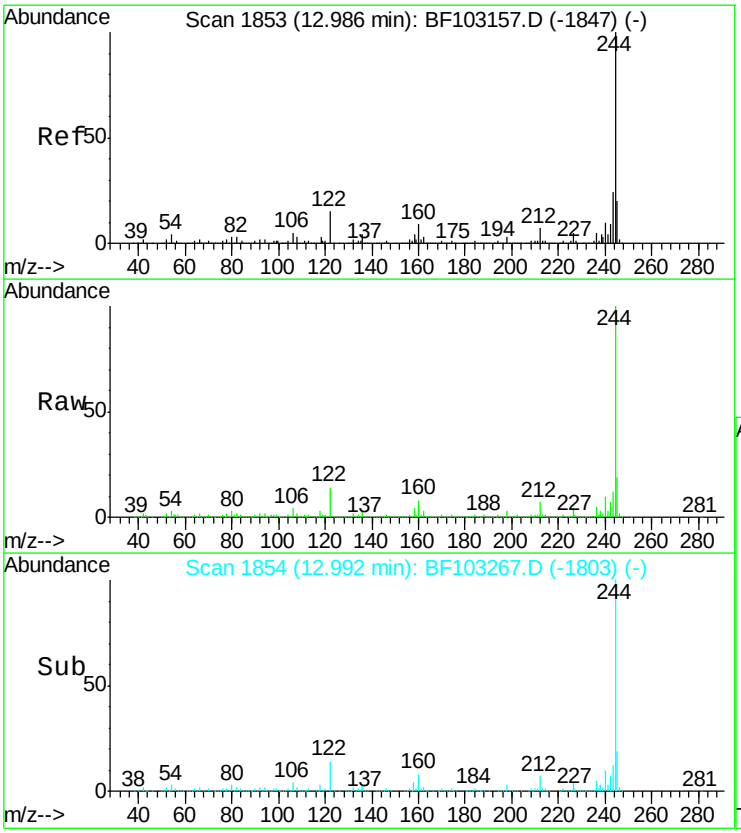
#77
Pyrene
Concen: 9.255 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:202 Resp: 180444

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.0	14.3	21.5

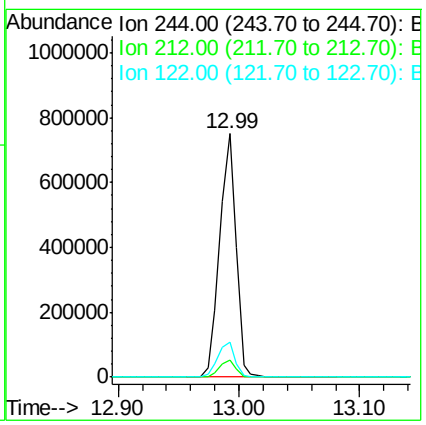


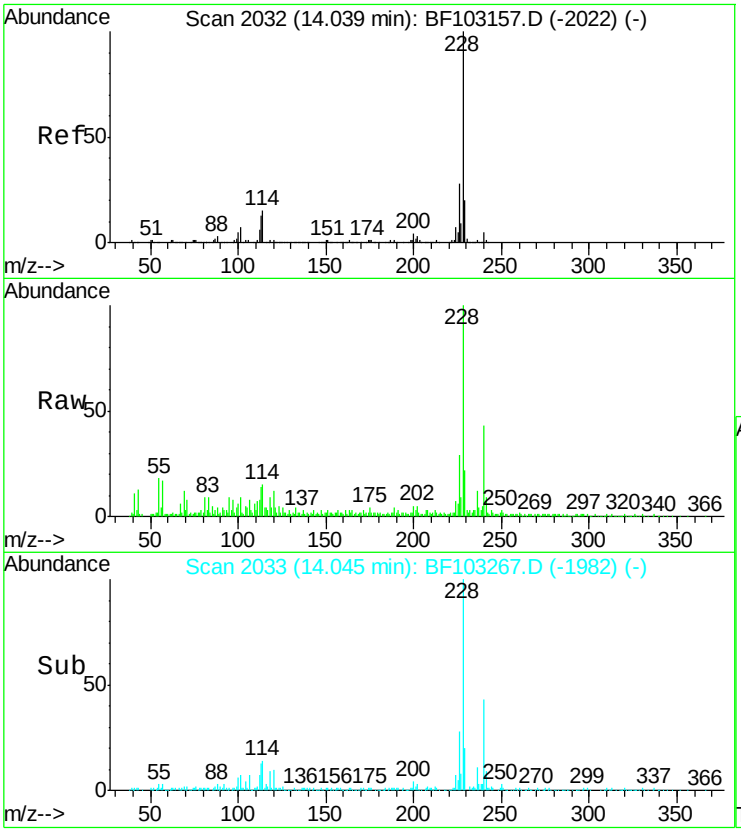


#78
Terphenyl-d14
Concen: 67.662 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Tgt Ion:244 Resp: 703908

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.5	11.0	16.4



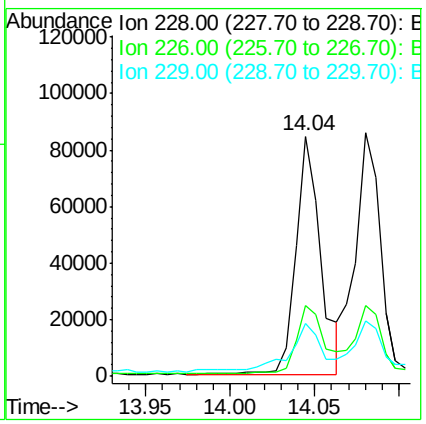


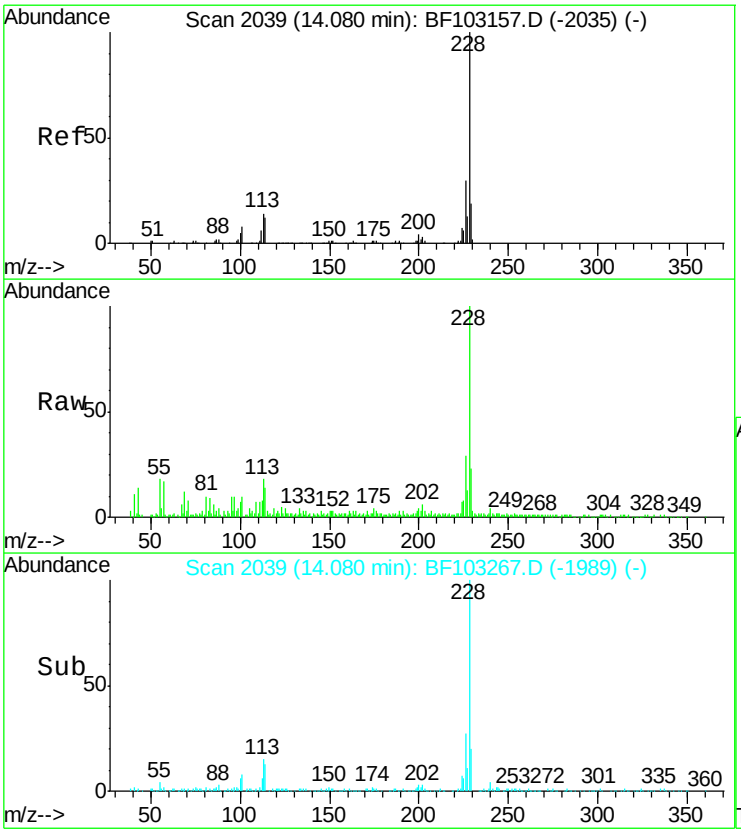
#80
Benzo(a)anthracene
Concen: 5.293 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:228 Resp: 85888

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	22.0	15.8	23.6

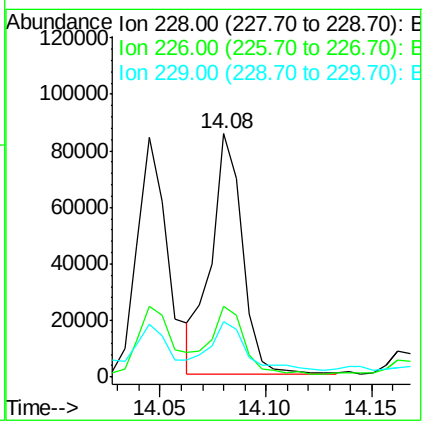


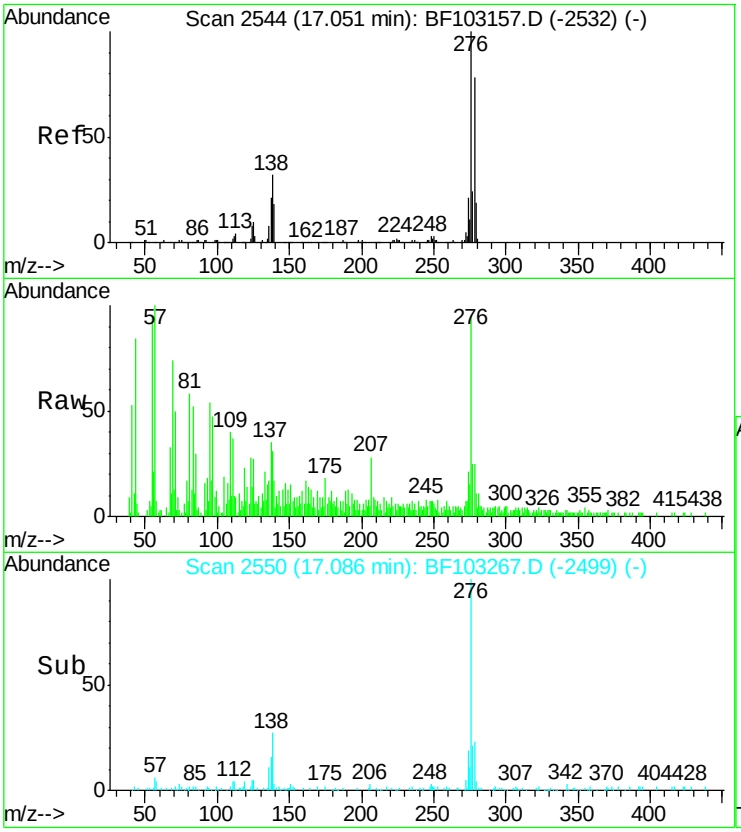


#82
Chrysene
Concen: 5.614 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Tgt Ion:228 Resp: 88450

Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.0	37.6
229	23.0	16.2	24.4



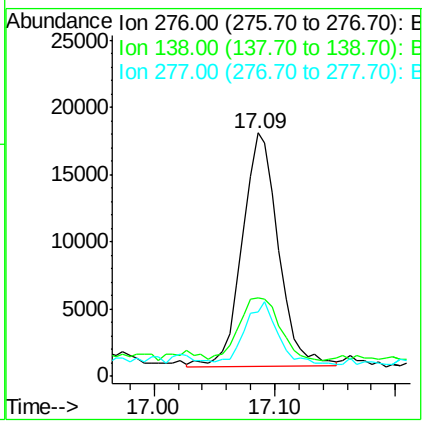


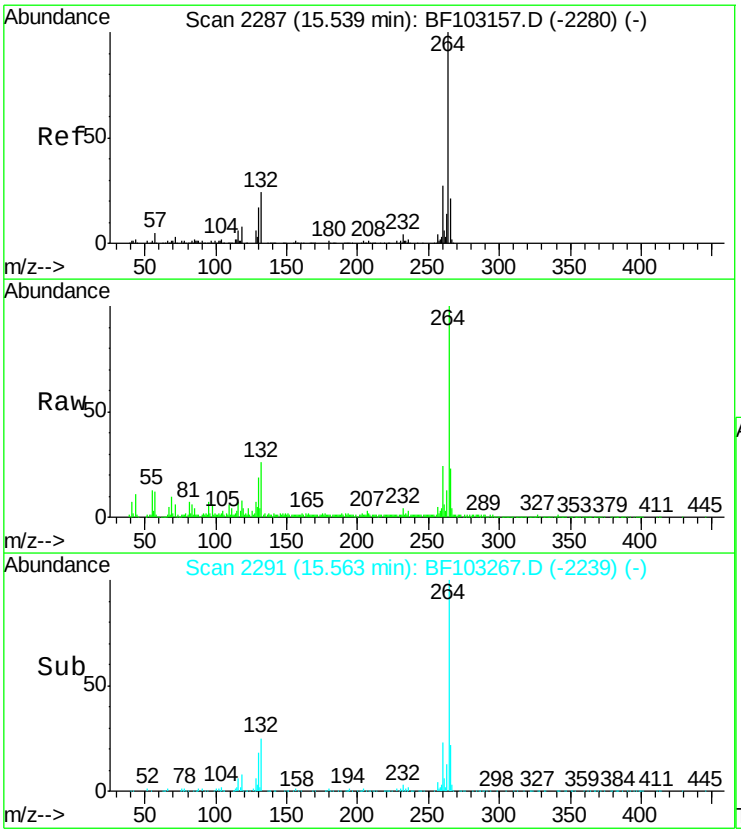
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.885 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:276 Resp: 35980

Ion	Ratio	Lower	Upper
276	100		
138	30.6	25.0	37.6
277	25.0	20.1	30.1

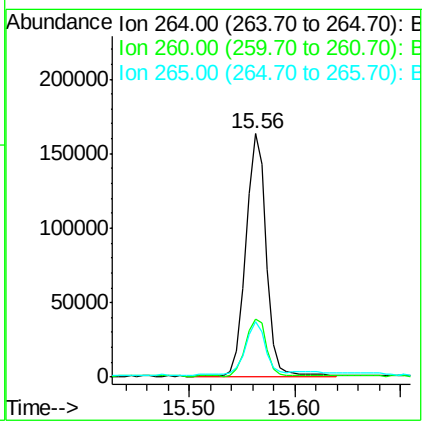


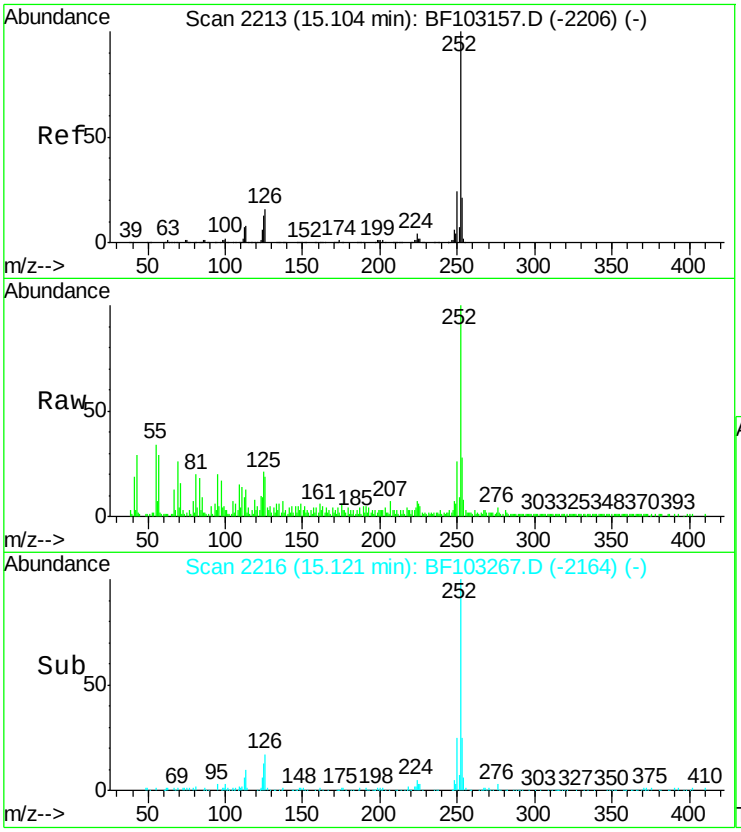


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Tgt Ion:264 Resp: 218506

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.6	17.5	26.3



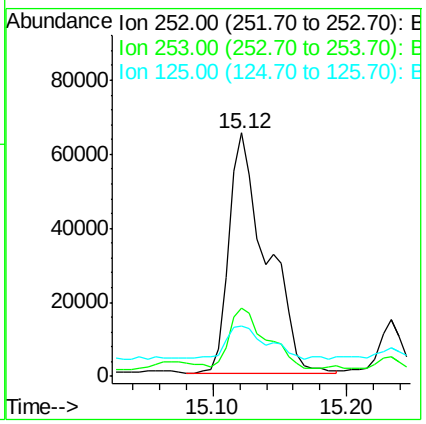


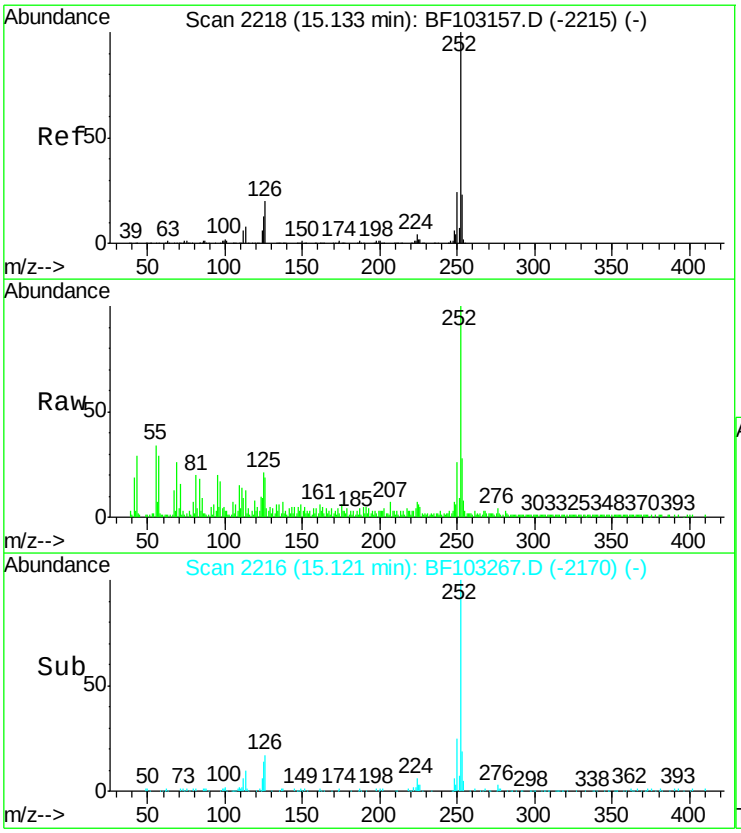
#87
Benzo(b)fluoranthene
Concen: 8.886 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:252 Resp: 127664

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.0	25.6#
125	20.6	9.0	13.6#

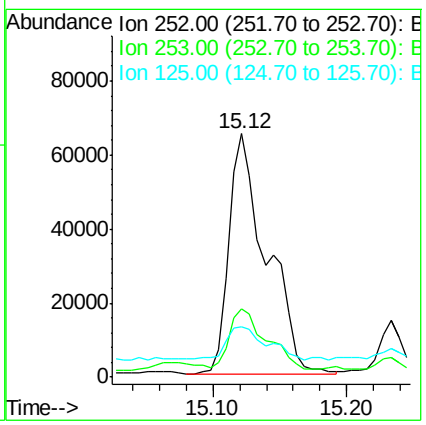


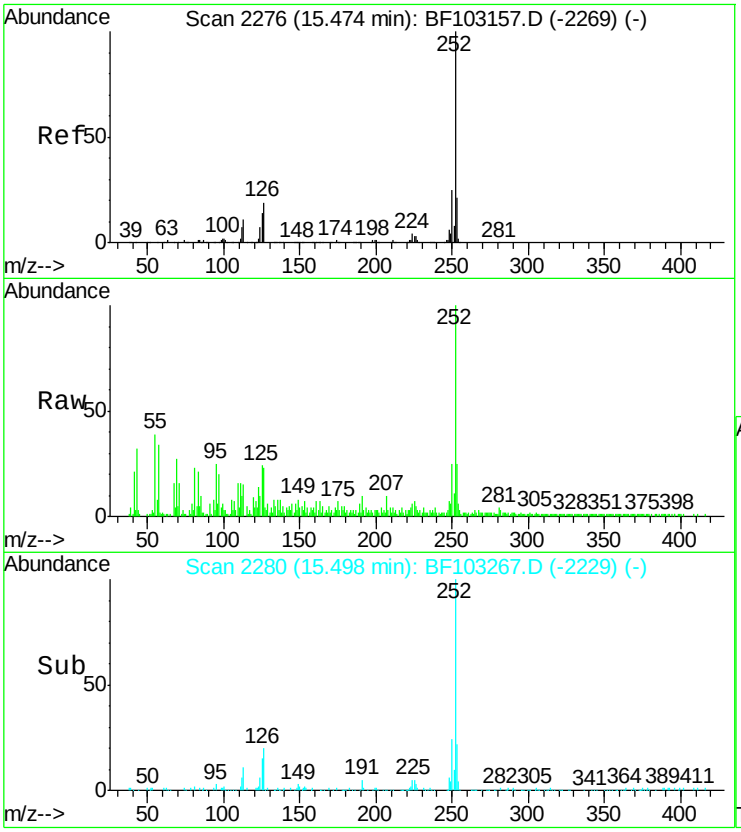


#88
Benzo(k)fluoranthene
Concen: 9.437 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.03 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Tgt Ion:252 Resp: 127664

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.9	26.9#
125	20.6	10.2	15.2#



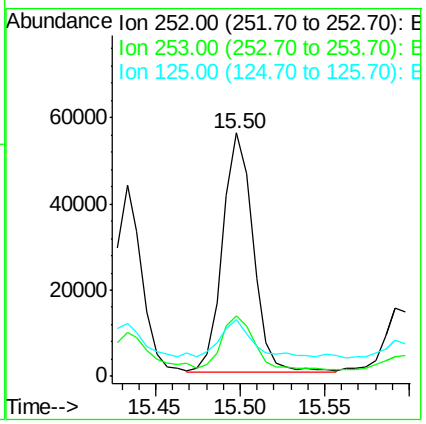


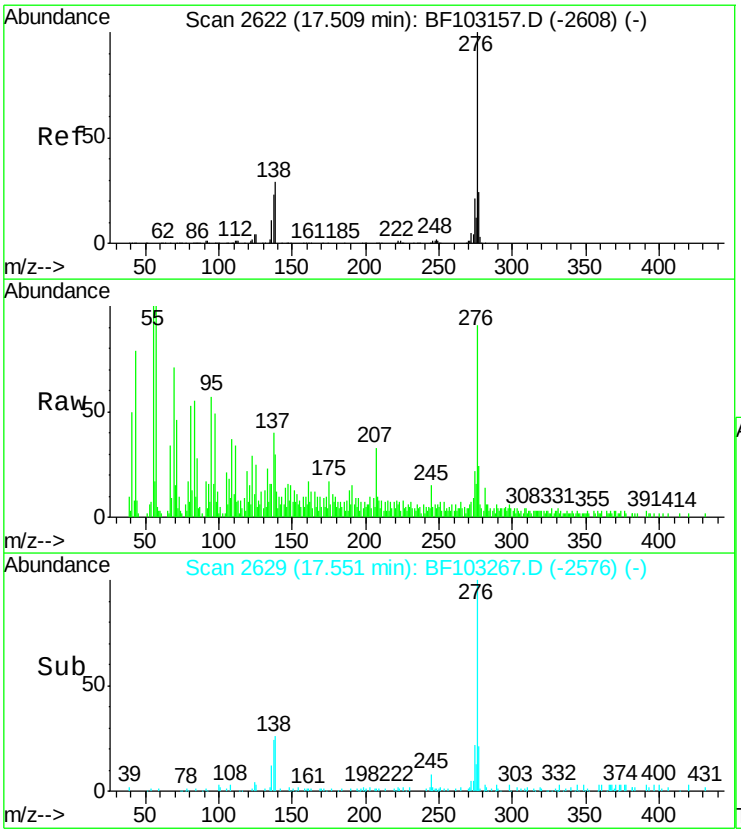
#89
Benzo(a)pyrene
Concen: 5.453 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:252 Resp: 69963

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	23.5	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.512 ng
RT: 17.55 min Scan# 2629
Delta R.T. 0.01 min
Lab File: BF103267.D
Acq: 27 Feb 2018 17:08

Tgt Ion:276 Resp: 34026

Ion	Ratio	Lower	Upper
276	100		
277	26.8	17.9	26.9
138	33.3	21.8	32.8#