Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103528.D
Acq On : 8 Mar 2018 20:29
Operator : SJ/JU
Sample : J1823-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 08 23:53:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 08 14:20:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	122565	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	516036	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	195211	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	294555	20.00	ng		0.00
75) Chrysene-d12	14.06	240	217899	20.00	ng		0.00
86) Perylene-d12	15.57	264	158137	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	124238	15.33	ng		0.01
7) Phenol-d6	6.52	99	187579	18.92	ng		0.01
23) Nitrobenzene-d5	7.45	82	114869	12.71	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	20293	12.28	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	199523	12.74	ng		0.00
78) Terphenyl-d14	12.98	244	139445	15.38	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.46	77	221	Below Cal		#	1
25) Isophorone	7.45	82	114869	6.455	ng	#	64
50) 2,6-Dinitrotoluene	9.90	165	25918	7.887	ng	#	27
70) Phenanthrene	11.43	178	123479	7.617	ng		97
71) Anthracene	11.49	178	41885	2.520	ng		97
73) Di-n-butylphthalate	11.95	149	58056	2.803	ng		100
74) Fluoranthene	12.62	202	172293	10.577	ng		98
77) Pyrene	12.86	202	146944	8.649	ng		99
80) Benzo(a)anthracene	14.09	228	55720	3.941	ng		94
82) Chrysene	14.09	228	55720	4.059	ng		98
87) Benzo(b)fluoranthene	15.13	252	62899	6.050	ng	#	76
88) Benzo(k)fluoranthene	15.13	252	62899	6.424	ng	#	79
89) Benzo(a)pyrene	15.50	252	31678	3.412	ng	#	66
91) Benzo(g,h,i)perylene	17.60	276	16012	2.284	ng	#	76

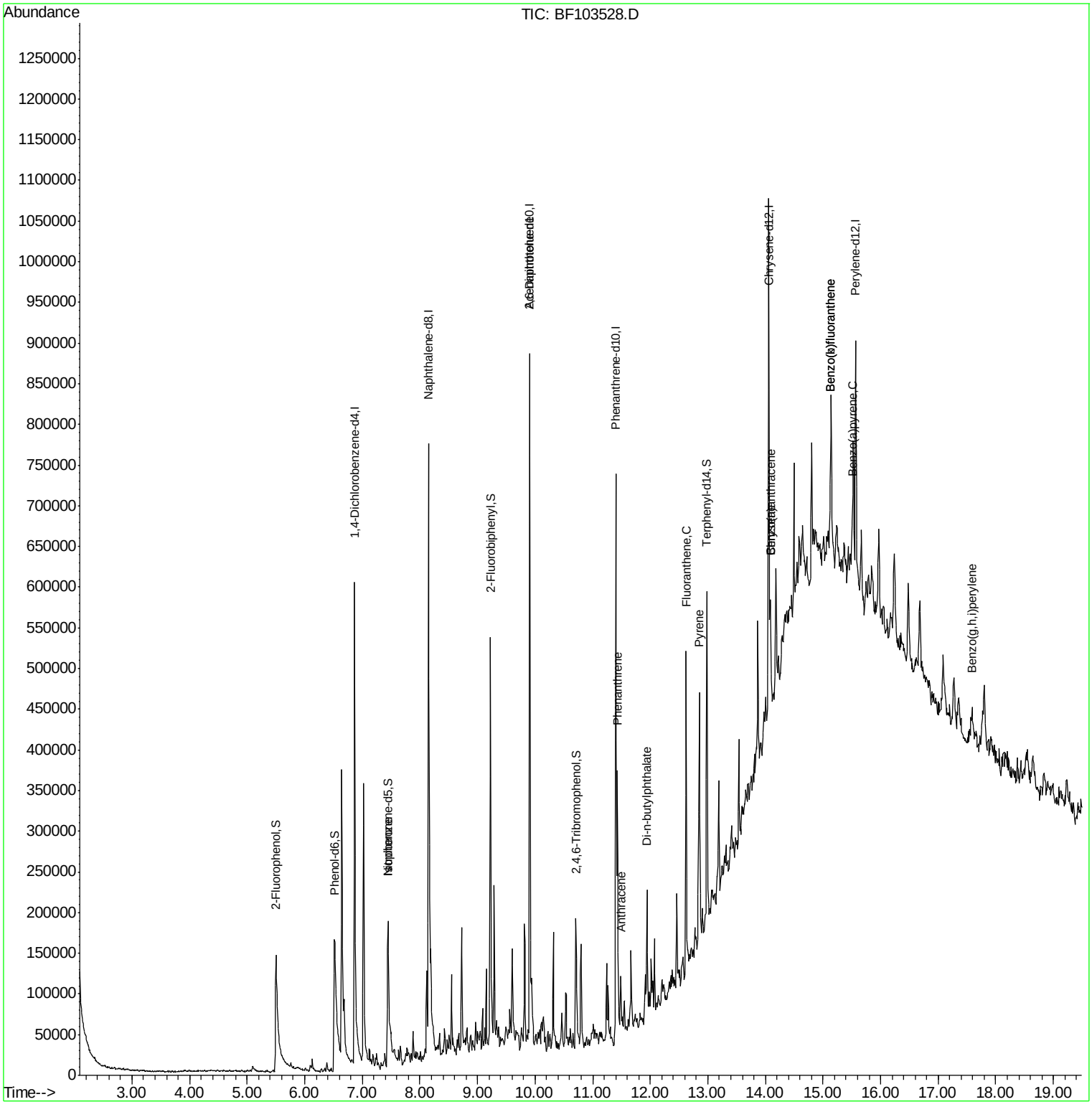
(#) = qualifier out of range (m) = manual integration (+) = signals summed

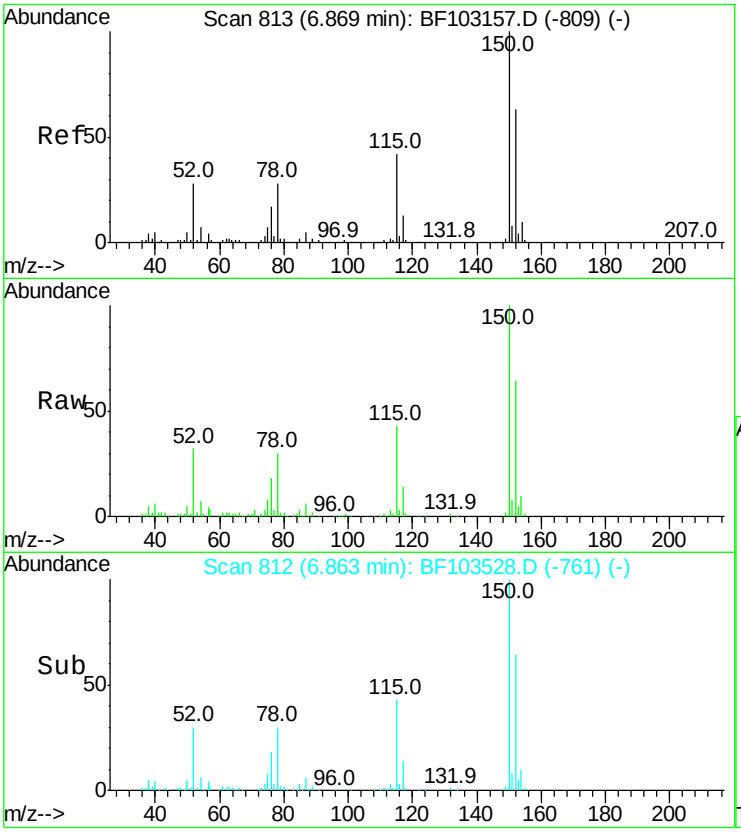
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103528.D
Acq On : 8 Mar 2018 20:29
Operator : SJ/JU
Sample : J1823-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 08 23:53:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 08 14:20:19 2018
Response via : Initial Calibration



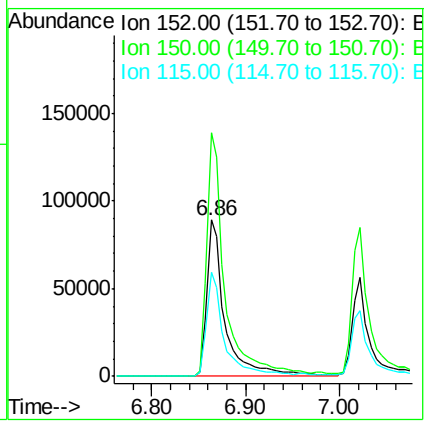


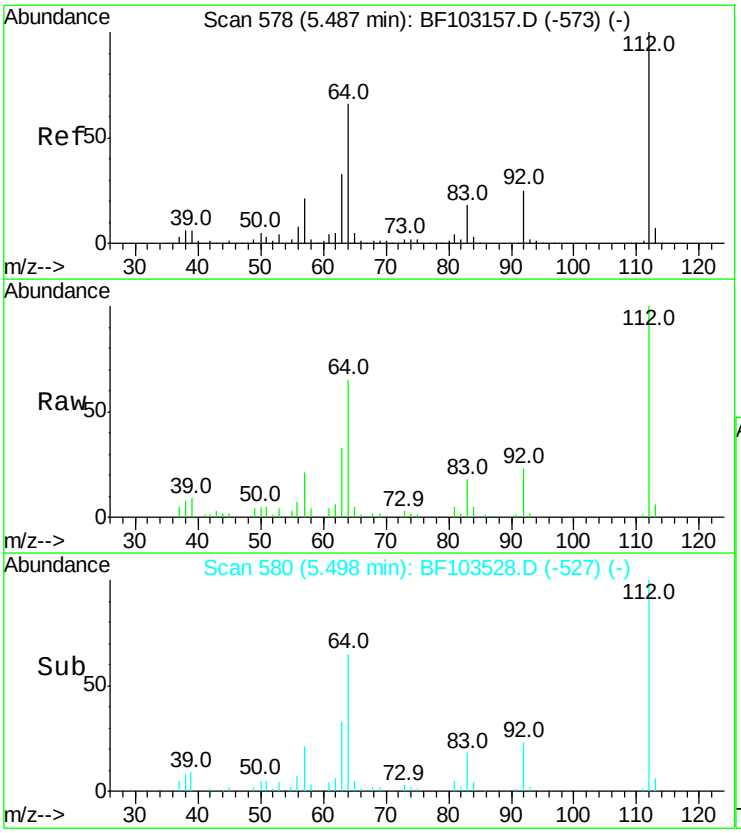
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 122565

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	66.5	50.1	75.1

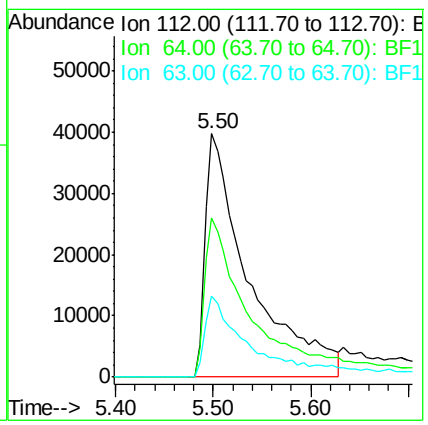


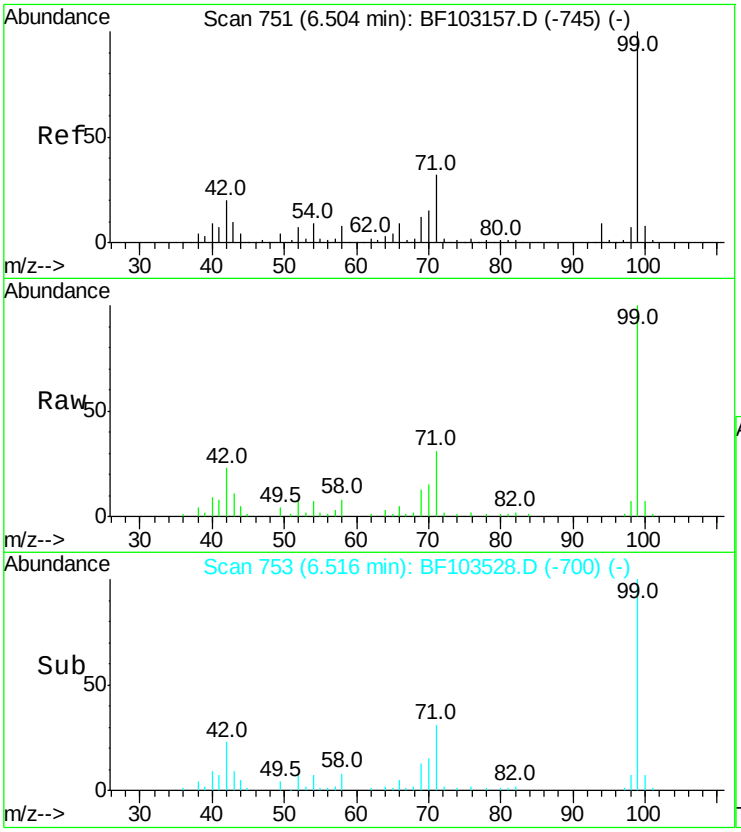


#5
2-Fluorophenol
Concen: 15.331 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Tgt Ion:112 Resp: 124238

Ion	Ratio	Lower	Upper
112	100		
64	65.4	47.9	71.9
63	33.3	23.7	35.5



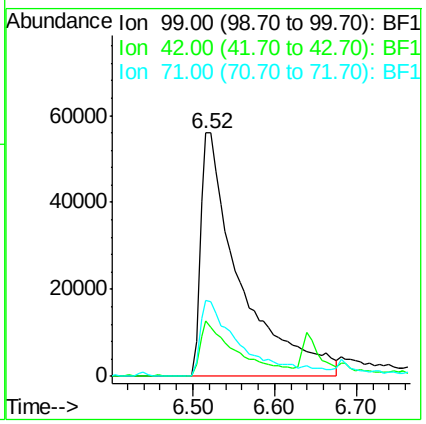


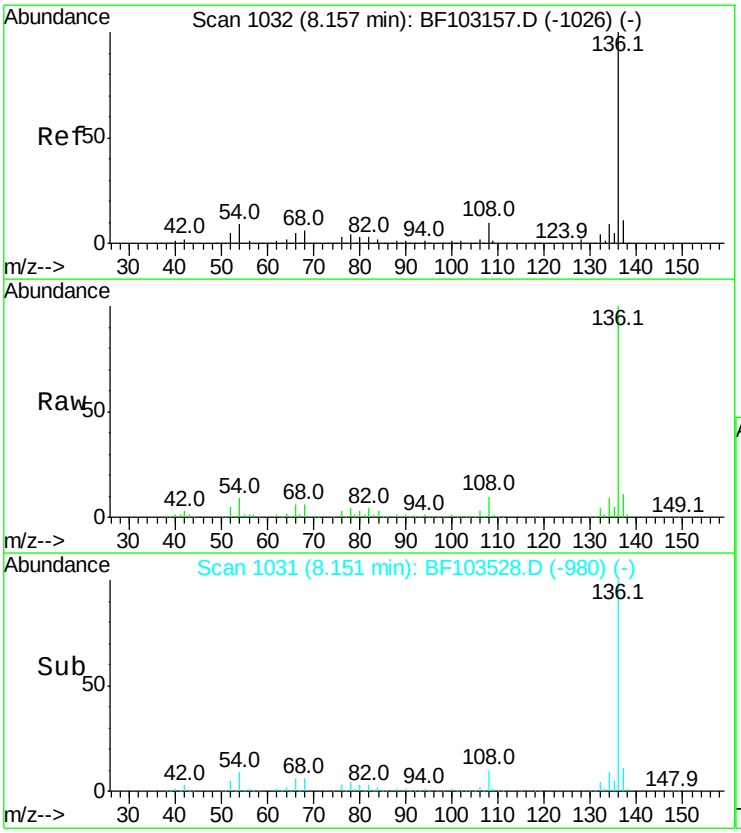
#7
Phenol-d6
Concen: 18.916 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 187579

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.5	21.7#
71	31.4	25.4	38.0

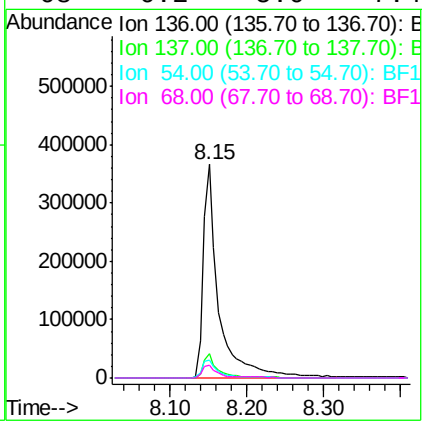


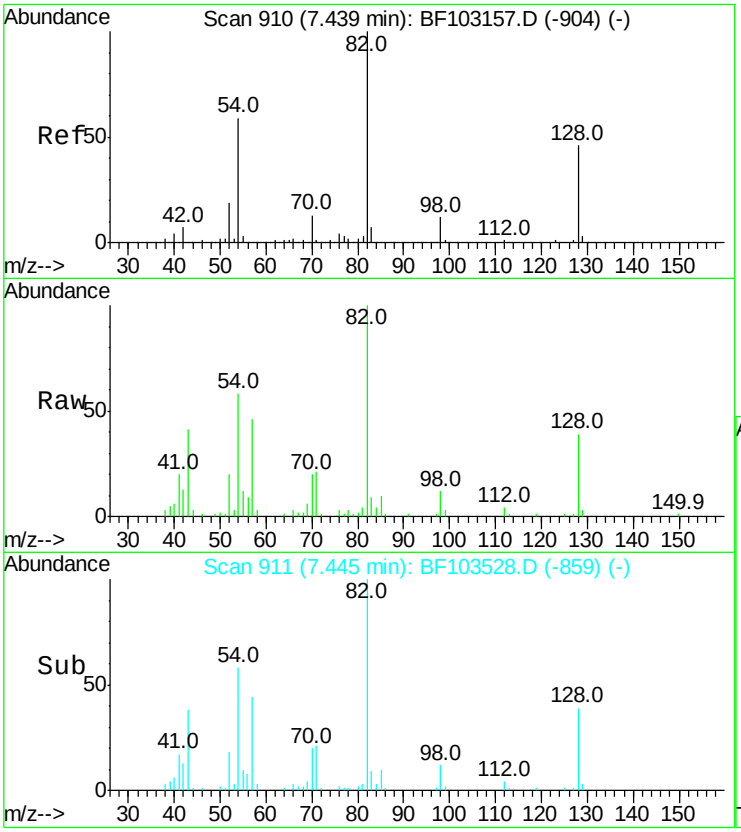


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Tgt Ion:136 Resp: 516036

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.5	6.6	9.8
68	6.2	5.0	7.4



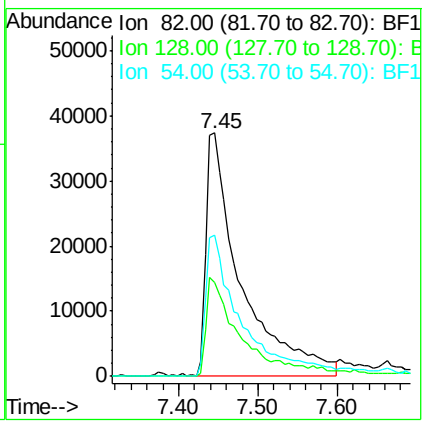


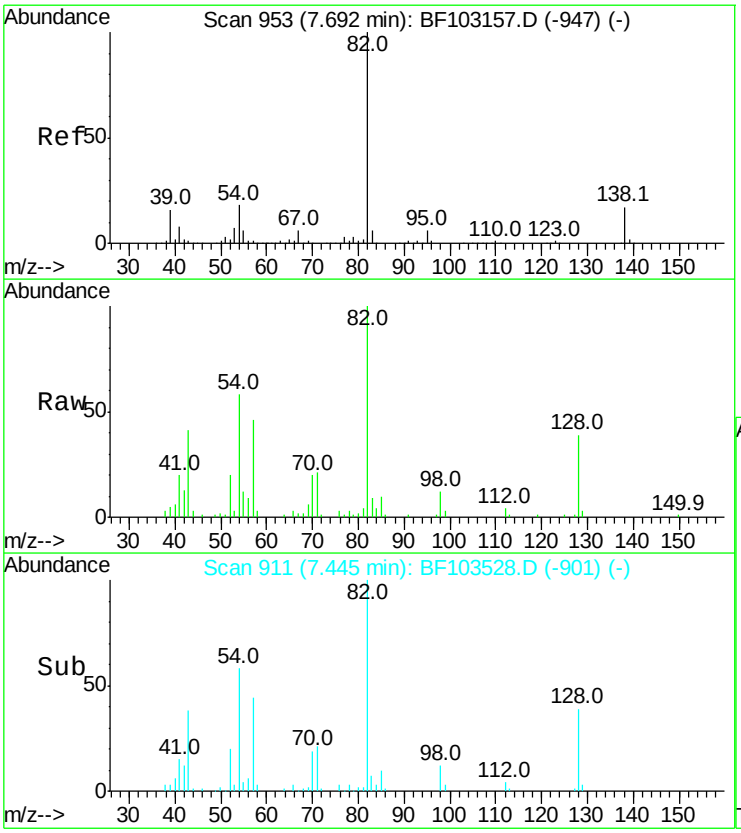
#23
Nitrobenzene-d5
Concen: 12.712 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 114869

Ion	Ratio	Lower	Upper
82	100		
128	38.8	36.1	54.1
54	58.0	41.4	62.2

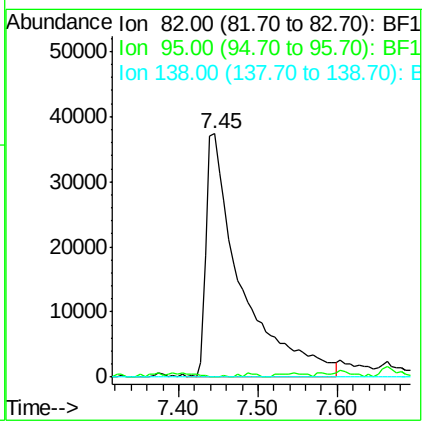


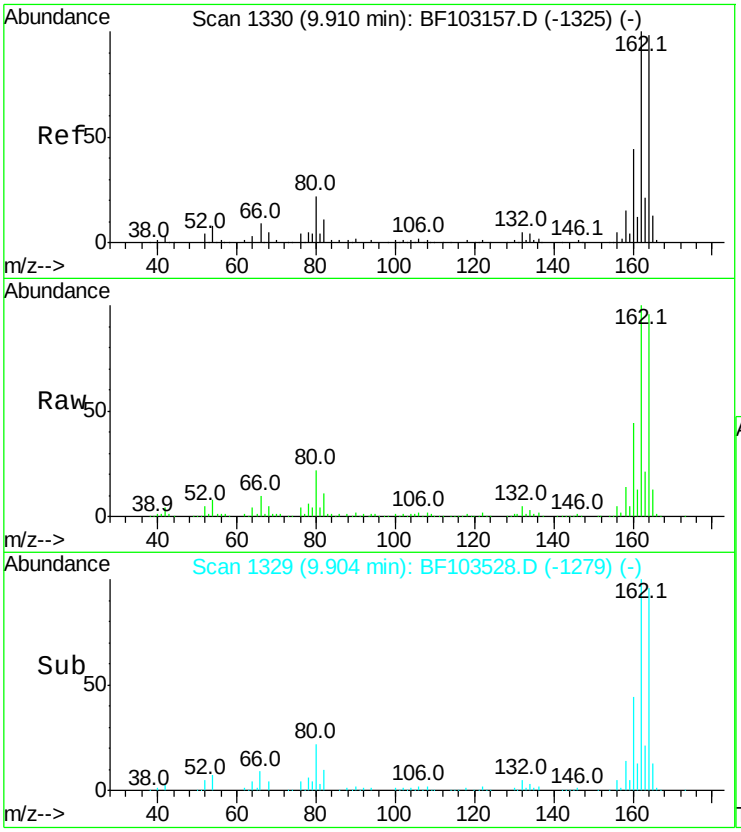


#25
Isophorone
Concen: 6.455 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.24 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Tgt Ion: 82 Resp: 114869

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



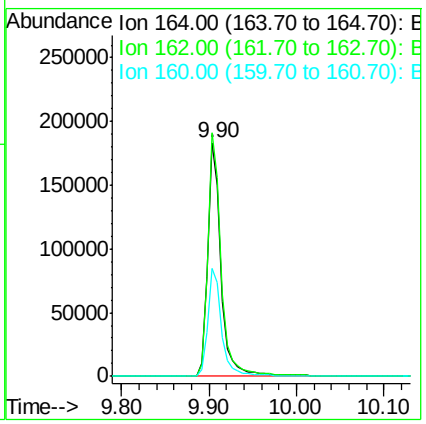


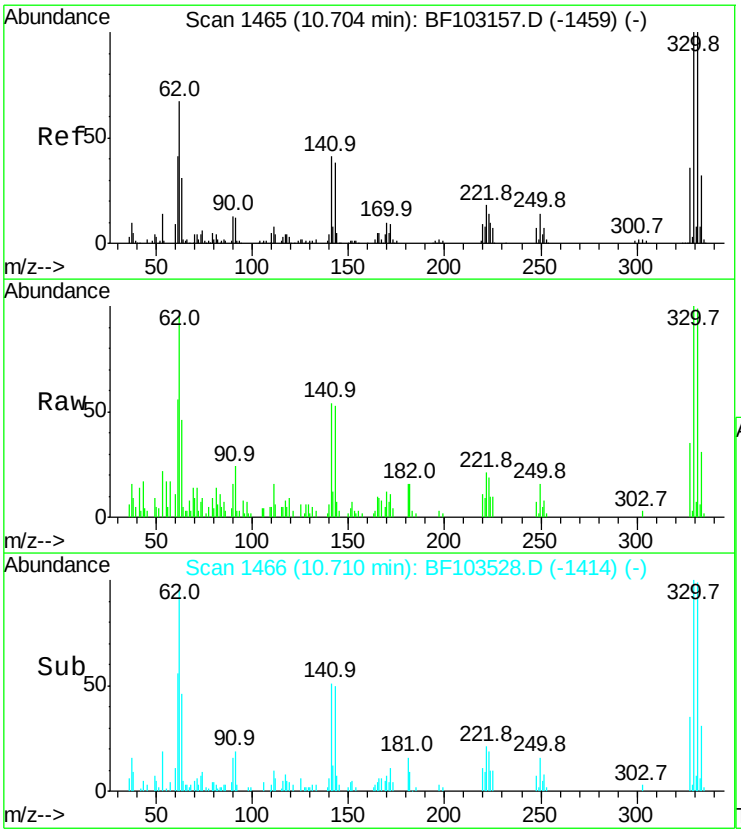
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 195211

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	46.3	38.3	57.5

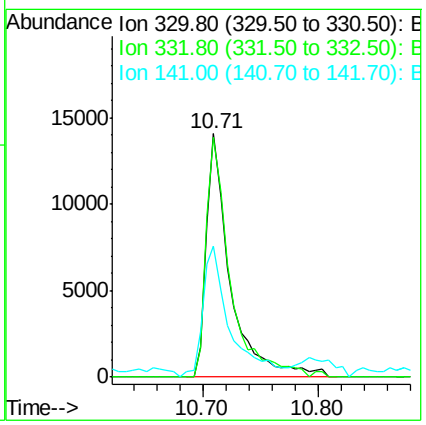


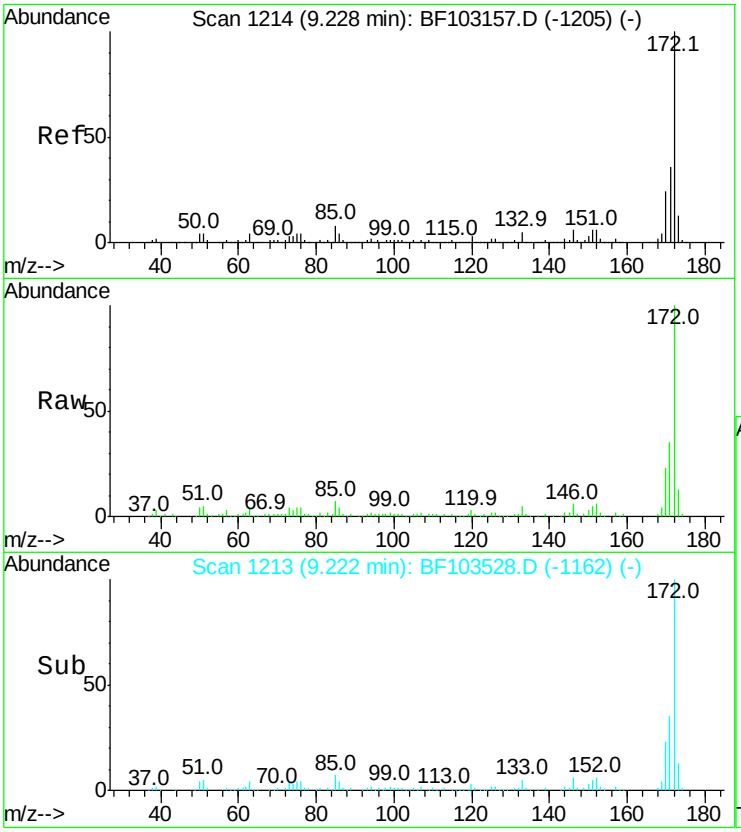


#41
2,4,6-Tribromophenol
Concen: 12.281 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Tgt Ion:330 Resp: 20293

Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	60.7	29.9	44.9#



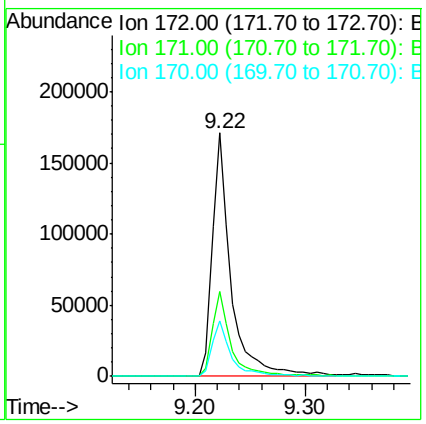


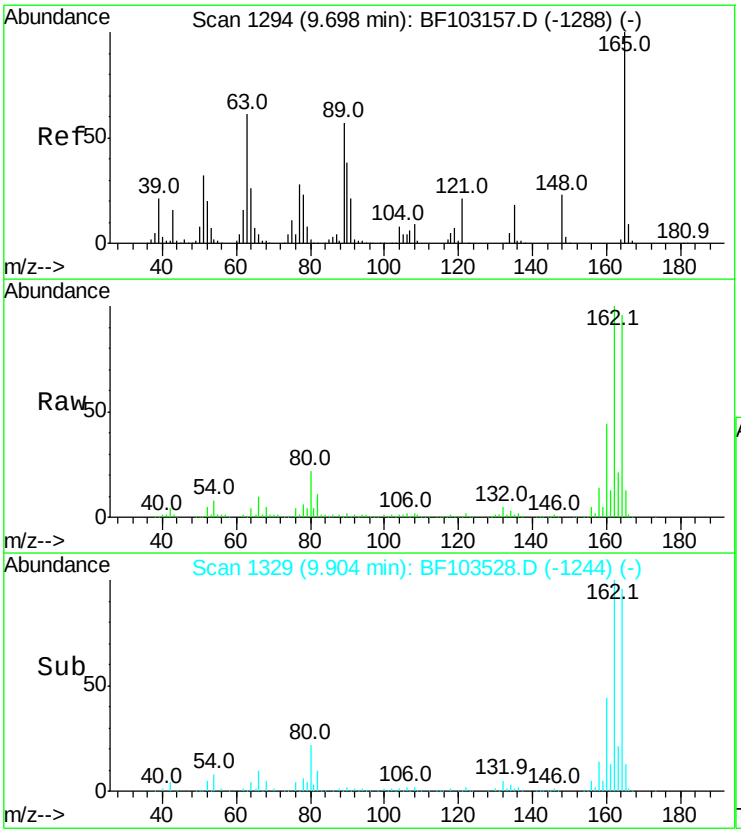
#44
2-Fluorobiphenyl
Concen: 12.736 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 199523

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	22.9	19.6	29.4

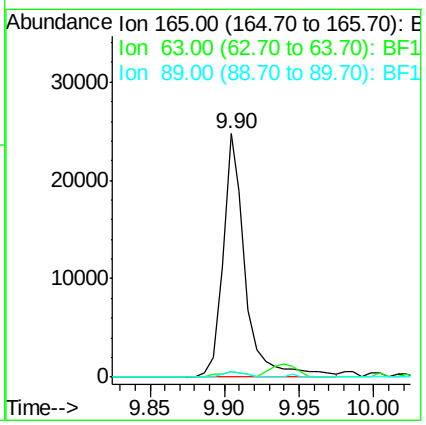


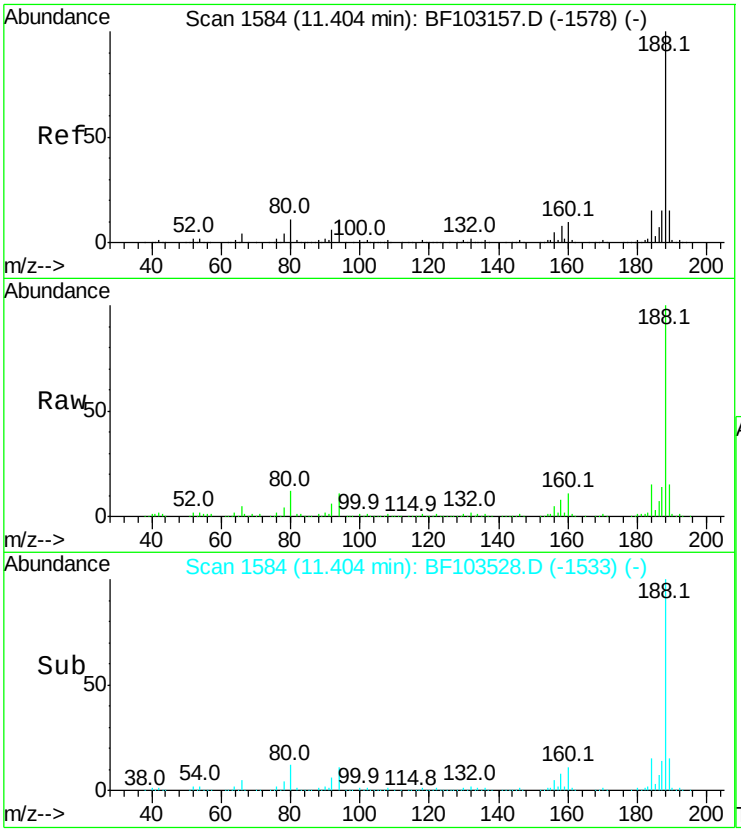


#50
2,6-Dinitrotoluene
Concen: 7.887 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Tgt Ion:165 Resp: 25918

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	2.1	44.0	66.0#



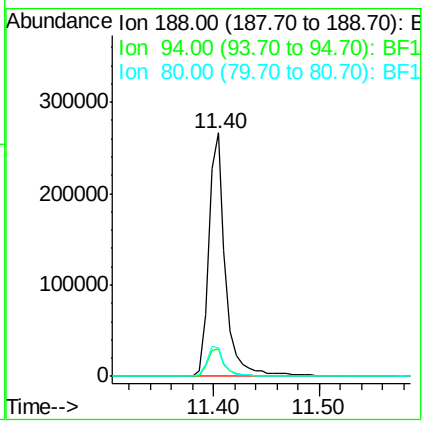


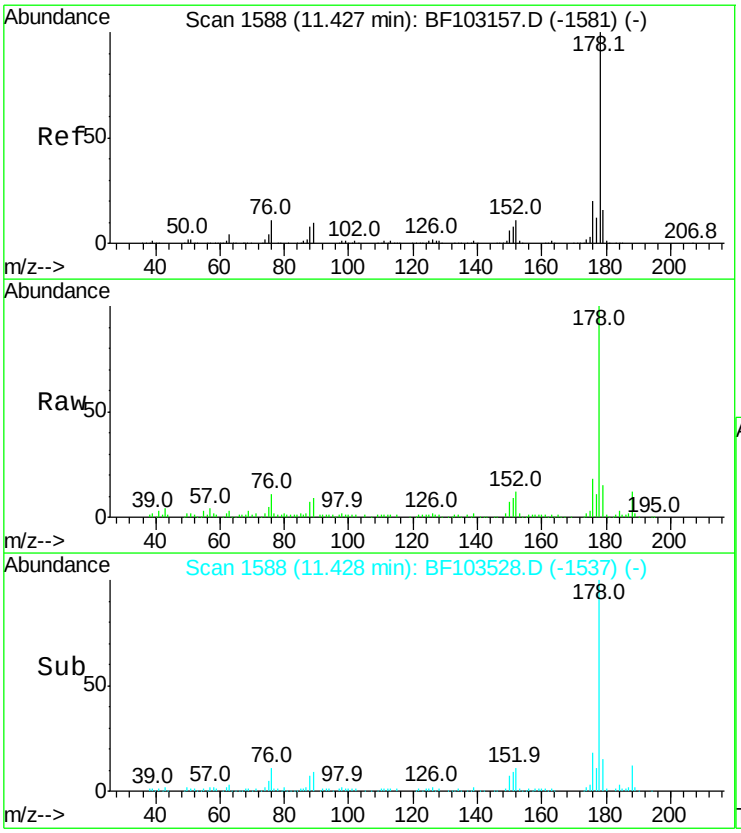
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 294555

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.6	9.2	13.8

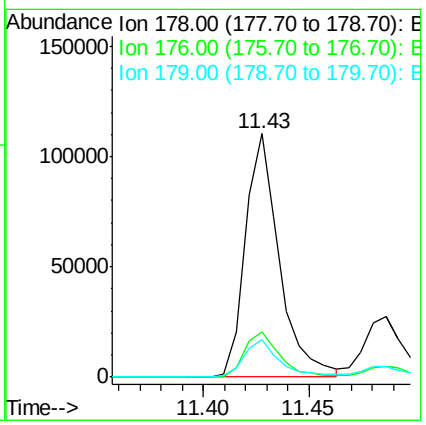


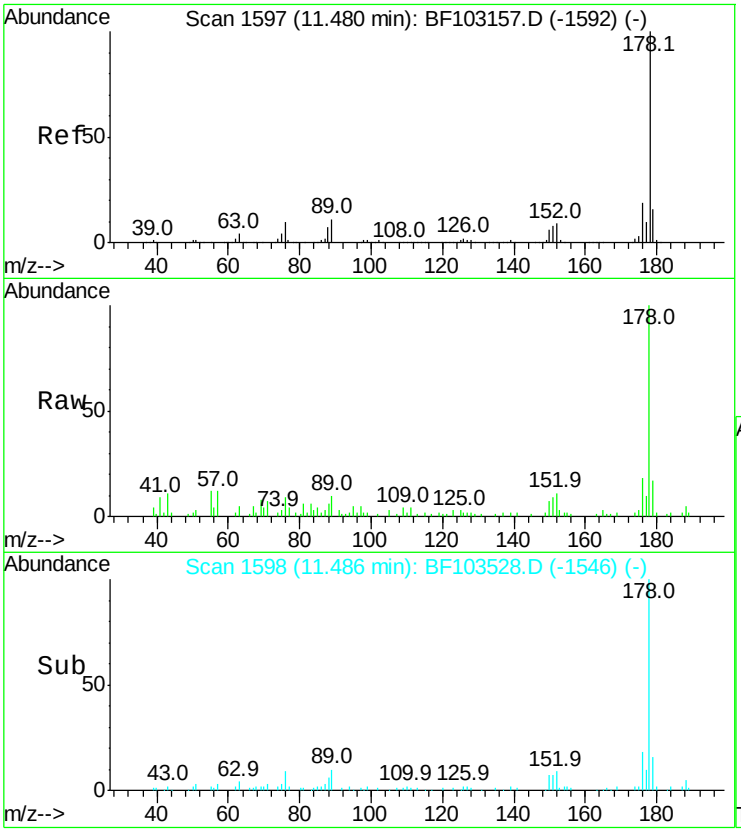


#70
Phenanthrene
Concen: 7.617 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Tgt Ion:178 Resp: 123479

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.5	13.0	19.6



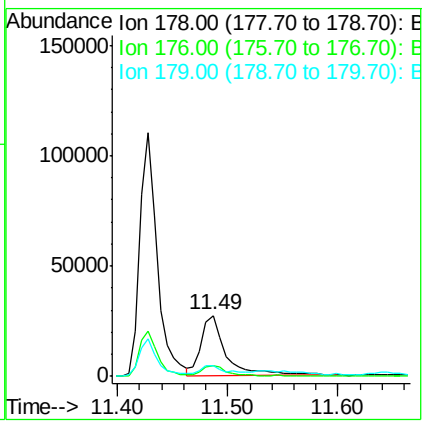


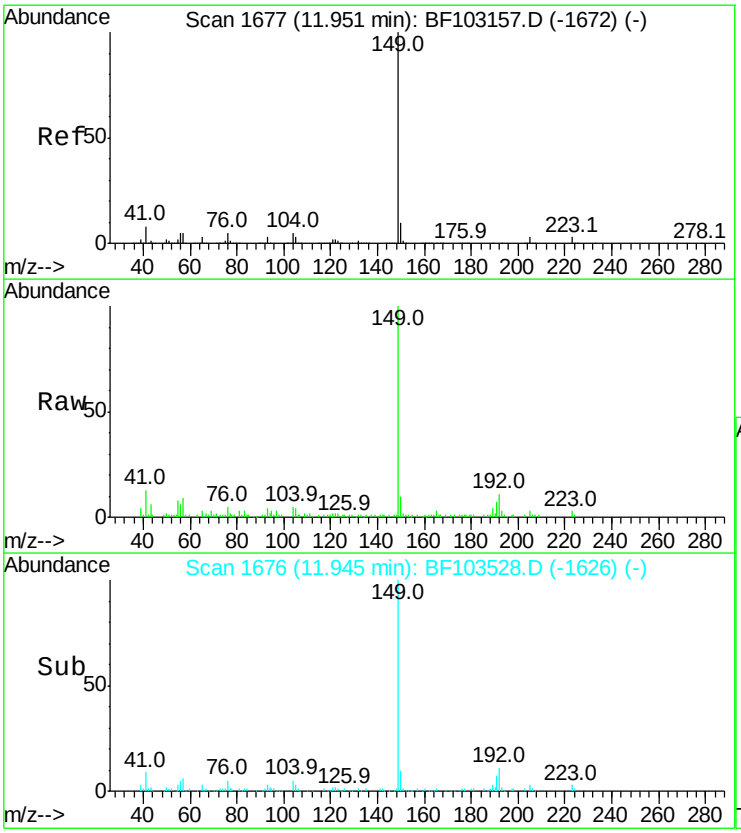
#71
Anthracene
Concen: 2.520 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 41885

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	17.3	12.6	19.0

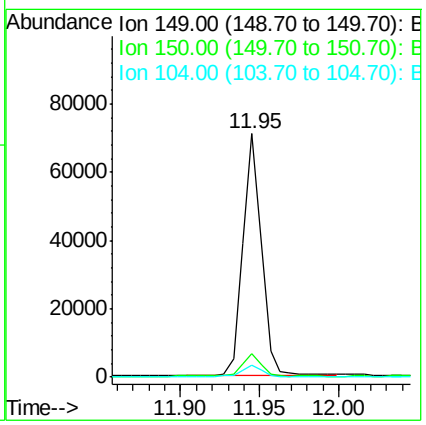


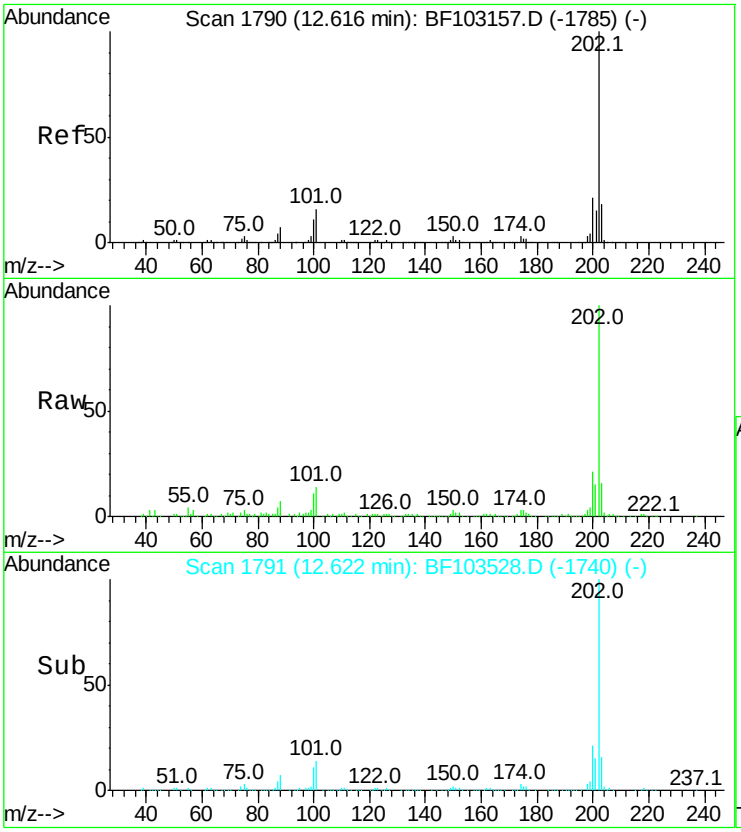


#73
Di-n-butylphthalate
Concen: 2.803 ng
RT: 11.95 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Tgt Ion:149 Resp: 58056

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.1	3.8	5.8



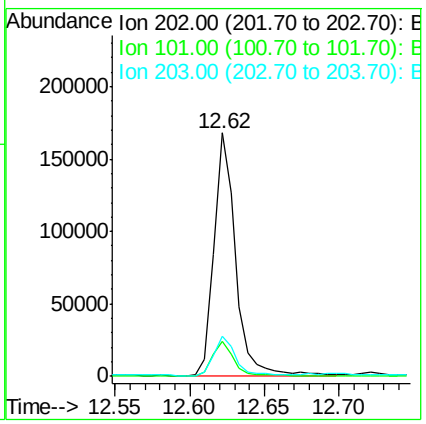


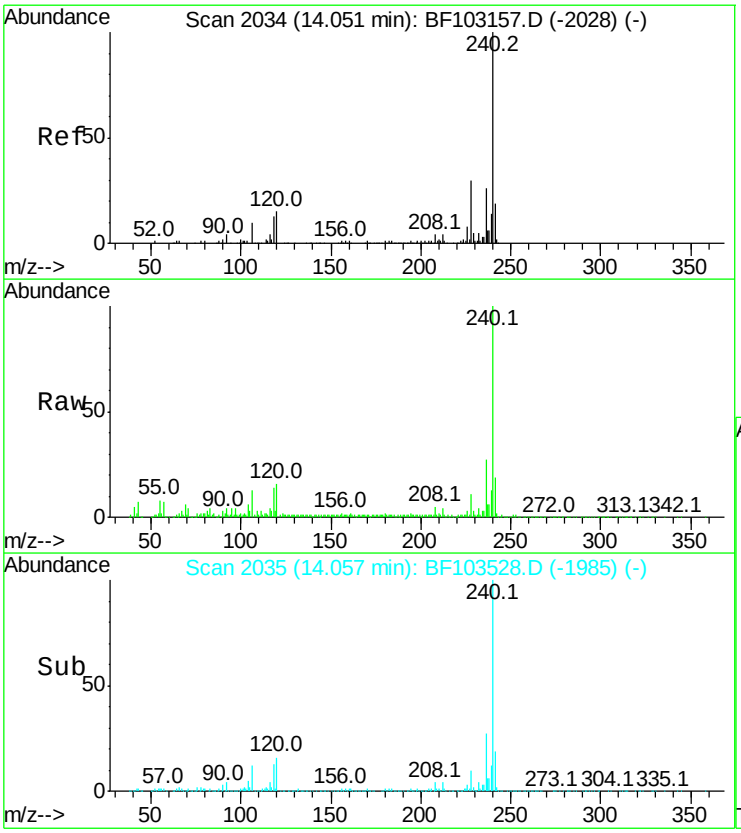
#74
Fluoranthene
Concen: 10.577 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 172293

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.1
203	16.4	0.0	38.1

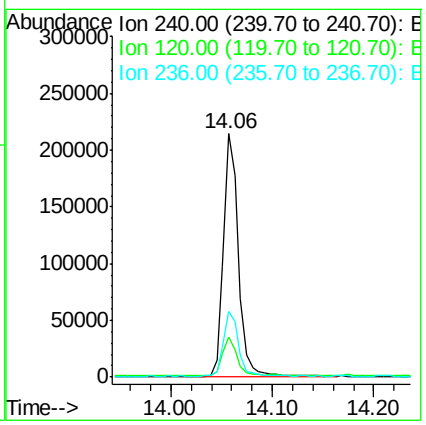


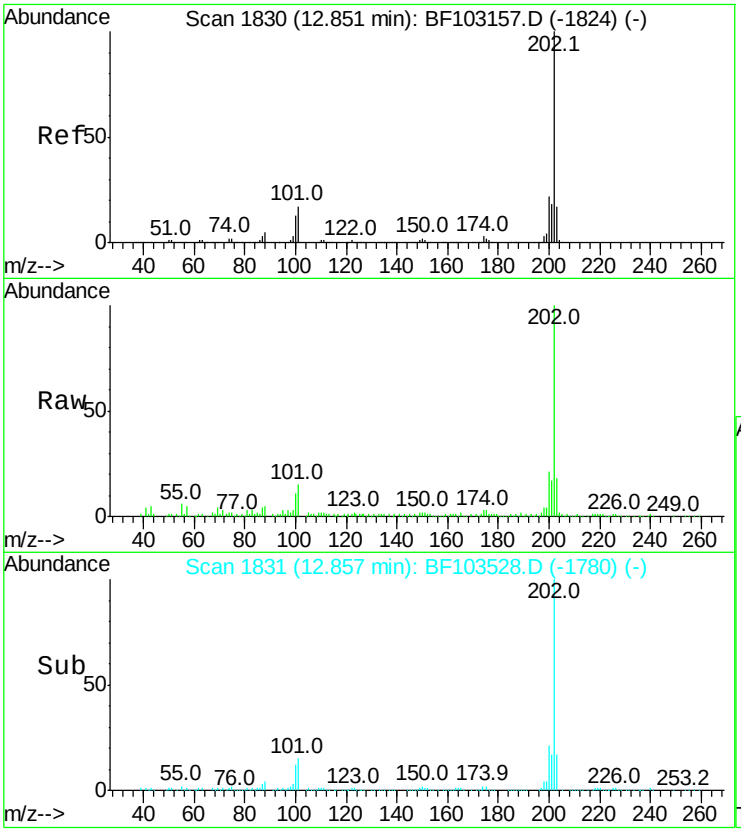


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Tgt Ion:240 Resp: 217899

Ion	Ratio	Lower	Upper
240	100		
120	16.3	9.5	14.3#
236	27.0	20.7	31.1



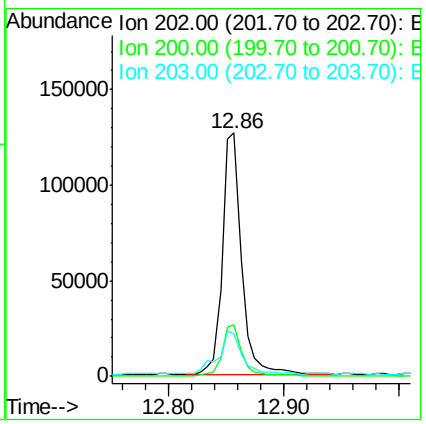


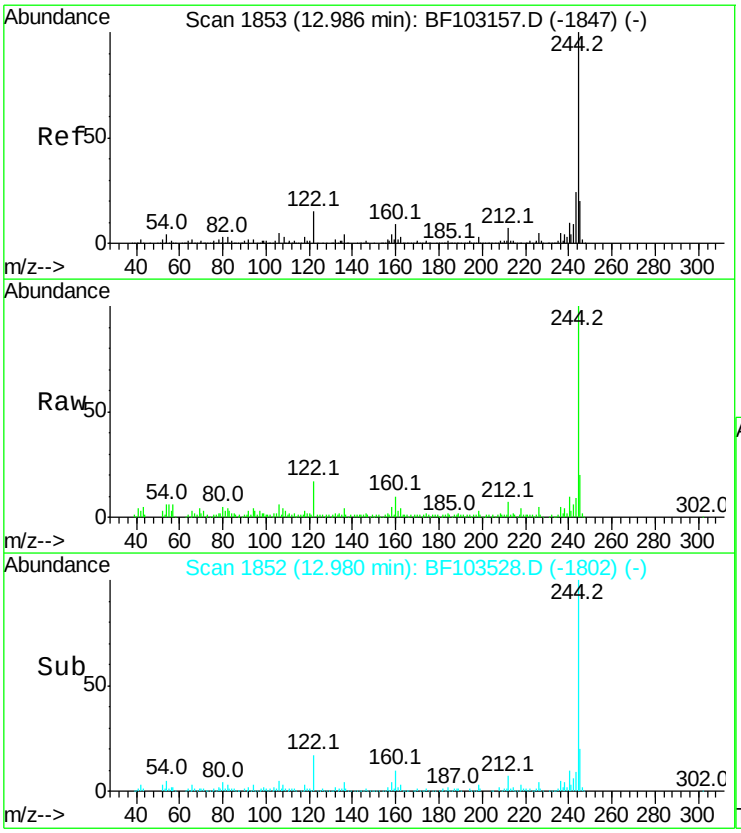
#77
Pyrene
Concen: 8.649 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 146944

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.8	14.3	21.5

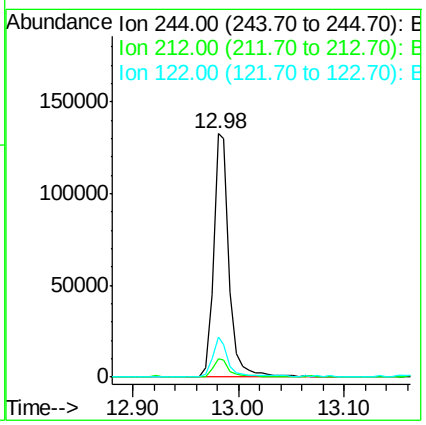


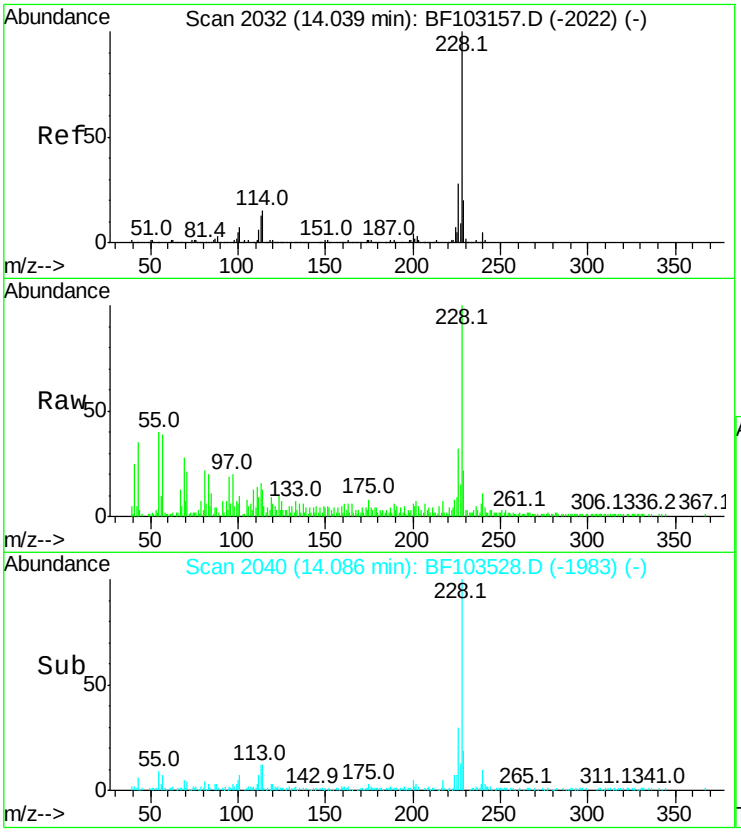


#78
Terphenyl-d14
Concen: 15.384 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Tgt Ion:244 Resp: 139445

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	16.7	11.0	16.4#



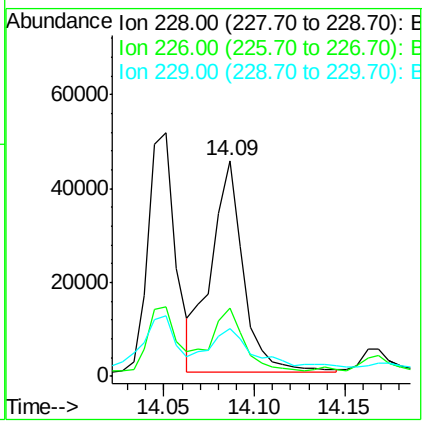


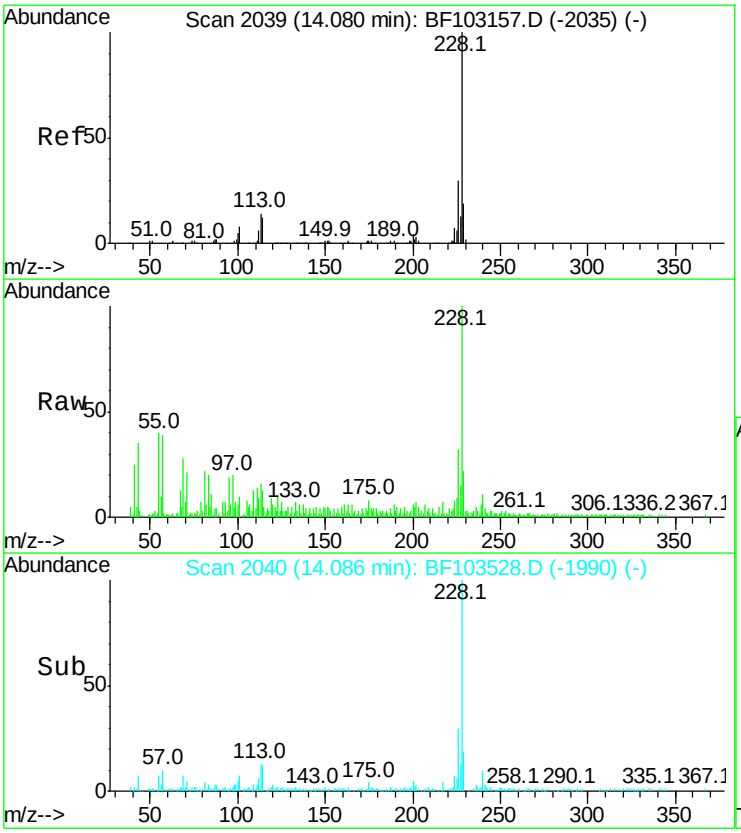
#80
Benzo(a)anthracene
Concen: 3.941 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.04 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 55720

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.6	33.8
229	22.2	15.8	23.6

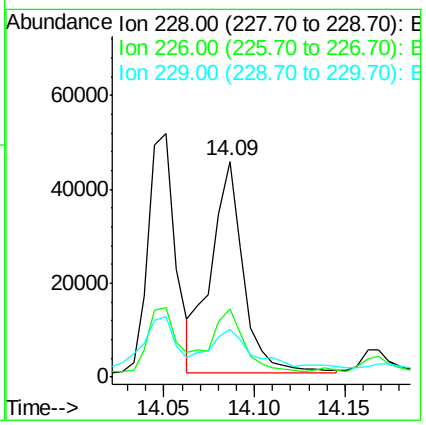


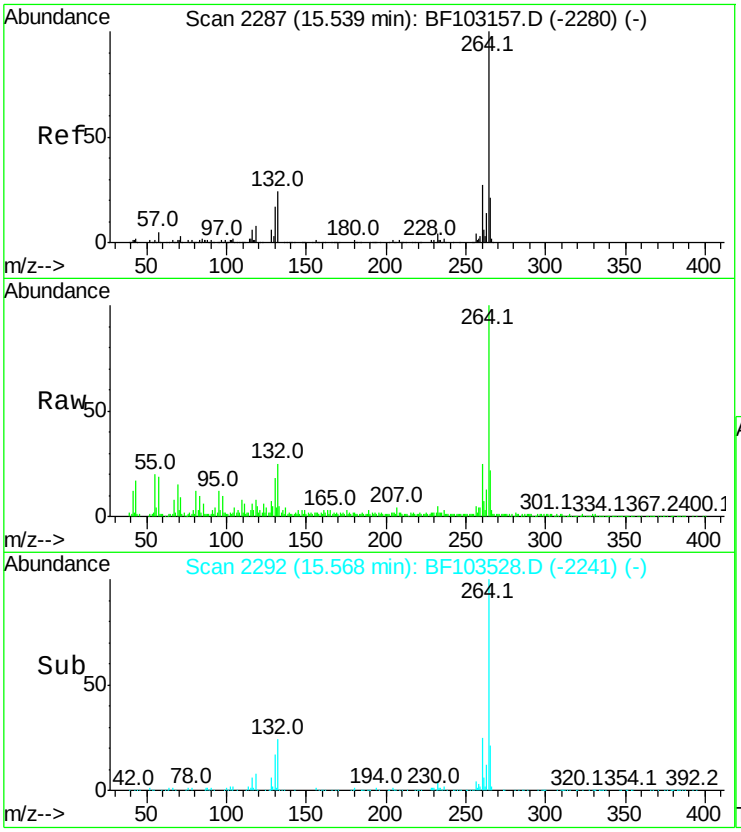


#82
Chrysene
Concen: 4.059 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Tgt Ion:228 Resp: 55720

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	22.2	16.2	24.4



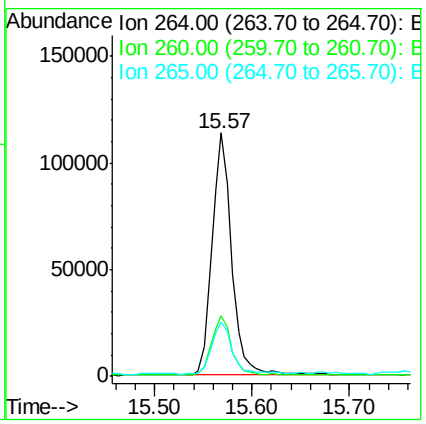


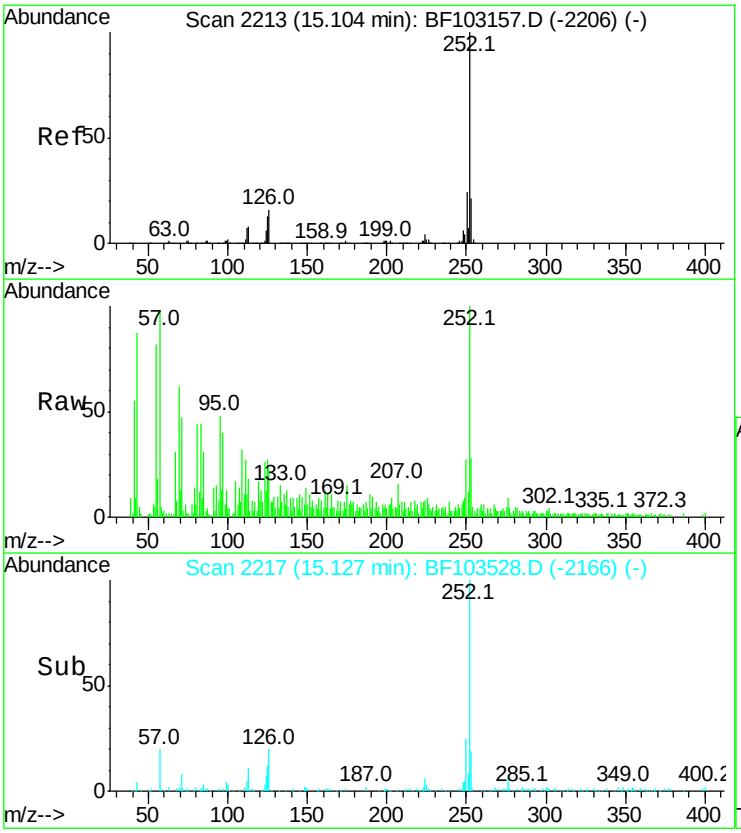
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 158137

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.2	17.5	26.3

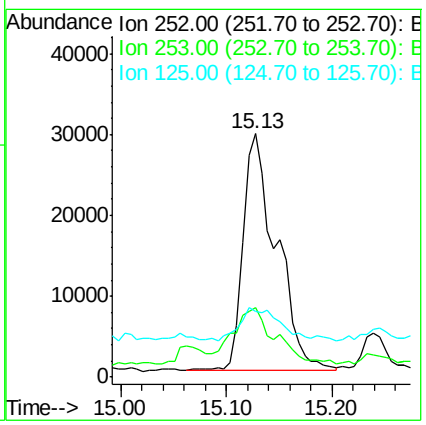


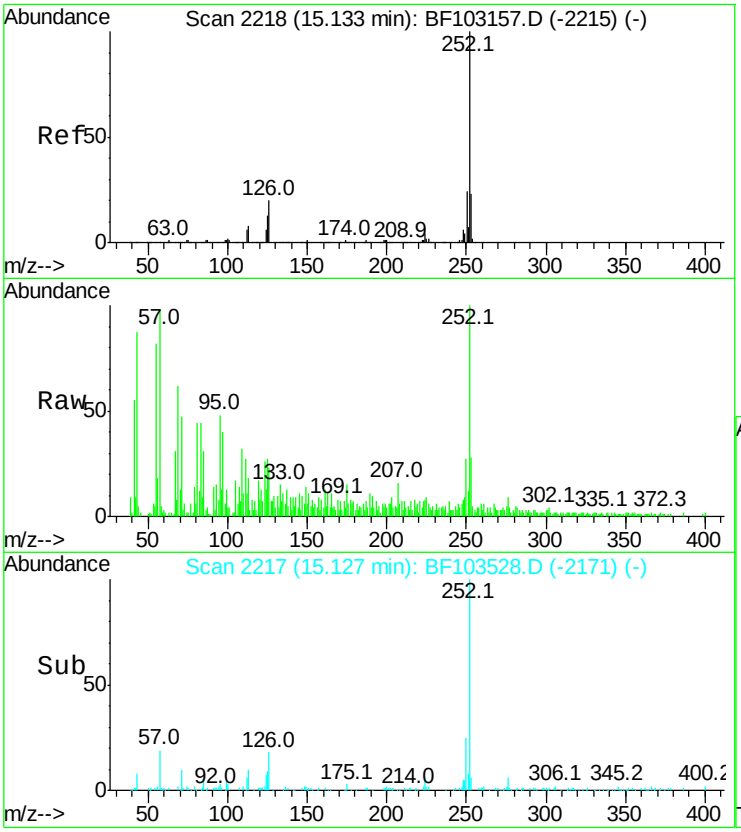


#87
Benzo(b)fluoranthene
Concen: 6.050 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Tgt Ion:252 Resp: 62899

Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.0	25.6#
125	27.1	9.0	13.6#



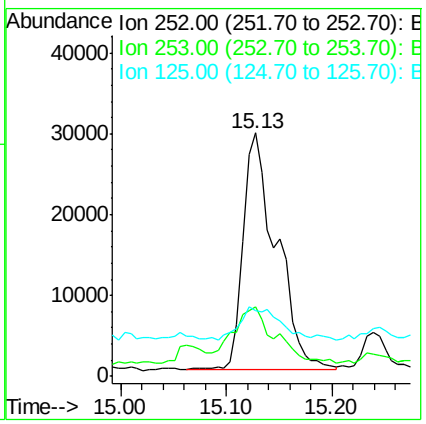


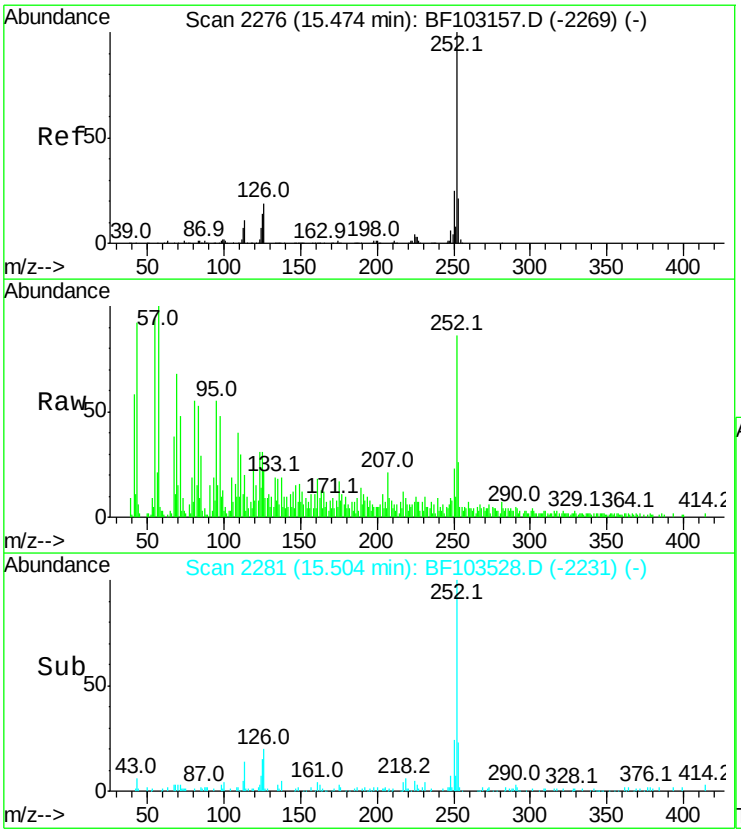
#88
Benzo(k)fluoranthene
Concen: 6.424 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.03 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 62899

Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.9	26.9#
125	27.1	10.2	15.2#

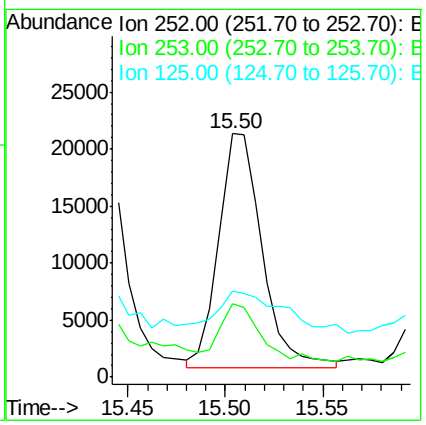


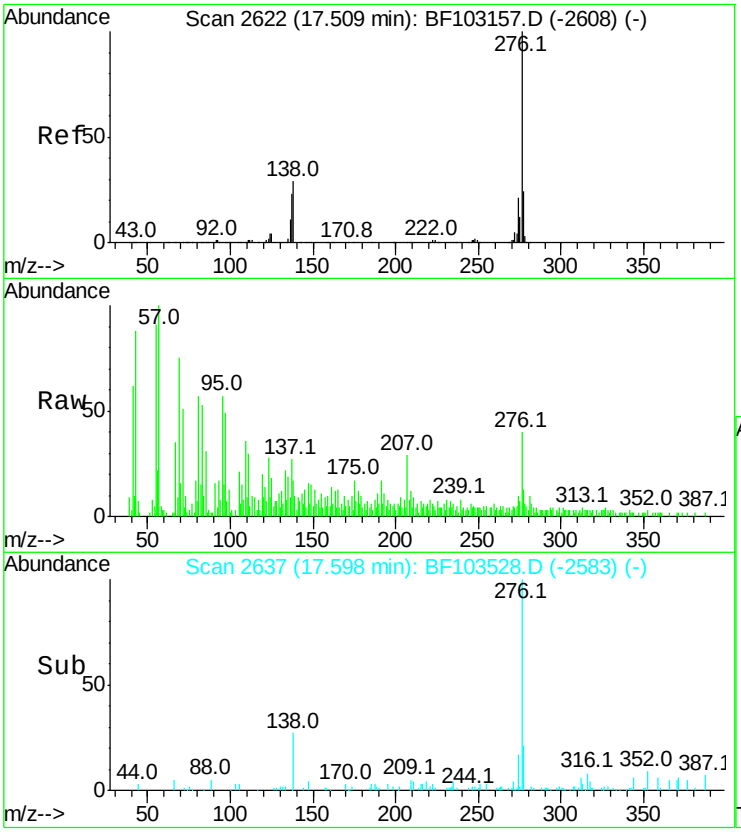


#89
Benzo(a)pyrene
Concen: 3.412 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Tgt Ion:252 Resp: 31678

Ion	Ratio	Lower	Upper
252	100		
253	30.1	17.1	25.7#
125	35.7	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.284 ng
RT: 17.60 min Scan# 2637
Delta R.T. 0.02 min
Lab File: BF103528.D
Acq: 8 Mar 2018 20:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 16012

Ion	Ratio	Lower	Upper
276	100		
277	32.5	17.9	26.9#
138	41.4	21.8	32.8#