Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
Data File : BF103605.D
Acq On : 13 Mar 2018 15:41
Operator : SJ/JU
Sample : J1821-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 13 16:37:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125363	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	559736	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	260354	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	457810	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	271626	20.00	ng		-0.01
86) Perylene-d12	15.56	264	227602	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	2800	0.34	ng		0.14
7) Phenol-d6	6.53	99	154671	15.25	ng		0.02
23) Nitrobenzene-d5	7.43	82	708826	72.32	ng		-0.01
41) 2,4,6-Tribromophenol	10.71	330	3778	1.71	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1008443	62.58	ng		-0.01
78) Terphenyl-d14	12.98	244	832105	73.64	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	1906	Below Cal		#	85
19) n-Nitroso-di-n-propylamine	7.43	70	88192	13.971	ng	#	83
25) Isophorone	7.43	82	708826	36.720	ng	#	64
32) Benzoic acid	8.04	122	119	6.931	ng	#	14
49) Dimethylphthalate	9.61	163	131763	6.309	ng		97
70) Phenanthrene	11.42	178	76244	3.026	ng		99
71) Anthracene	11.42	178	76244	2.951	ng		99
74) Fluoranthene	12.62	202	148828	5.878	ng		98
77) Pyrene	12.85	202	138851	6.556	ng		98
80) Benzo(a)anthracene	14.05	228	61478	3.488	ng		97
82) Chrysene	14.08	228	58808	3.437	ng		96
83) Bis(2-ethylhexyl)phthalate	13.99	149	40062	2.653	ng		96
87) Benzo(b)fluoranthene	15.12	252	84669	5.658	ng	#	86
88) Benzo(k)fluoranthene	15.12	252	84669	6.008	ng	#	89
89) Benzo(a)pyrene	15.50	252	49751	3.723	ng	#	90
91) Benzo(g,h,i)perylene	17.59	276	30041	2.977	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
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Acq On : 13 Mar 2018 15:41
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
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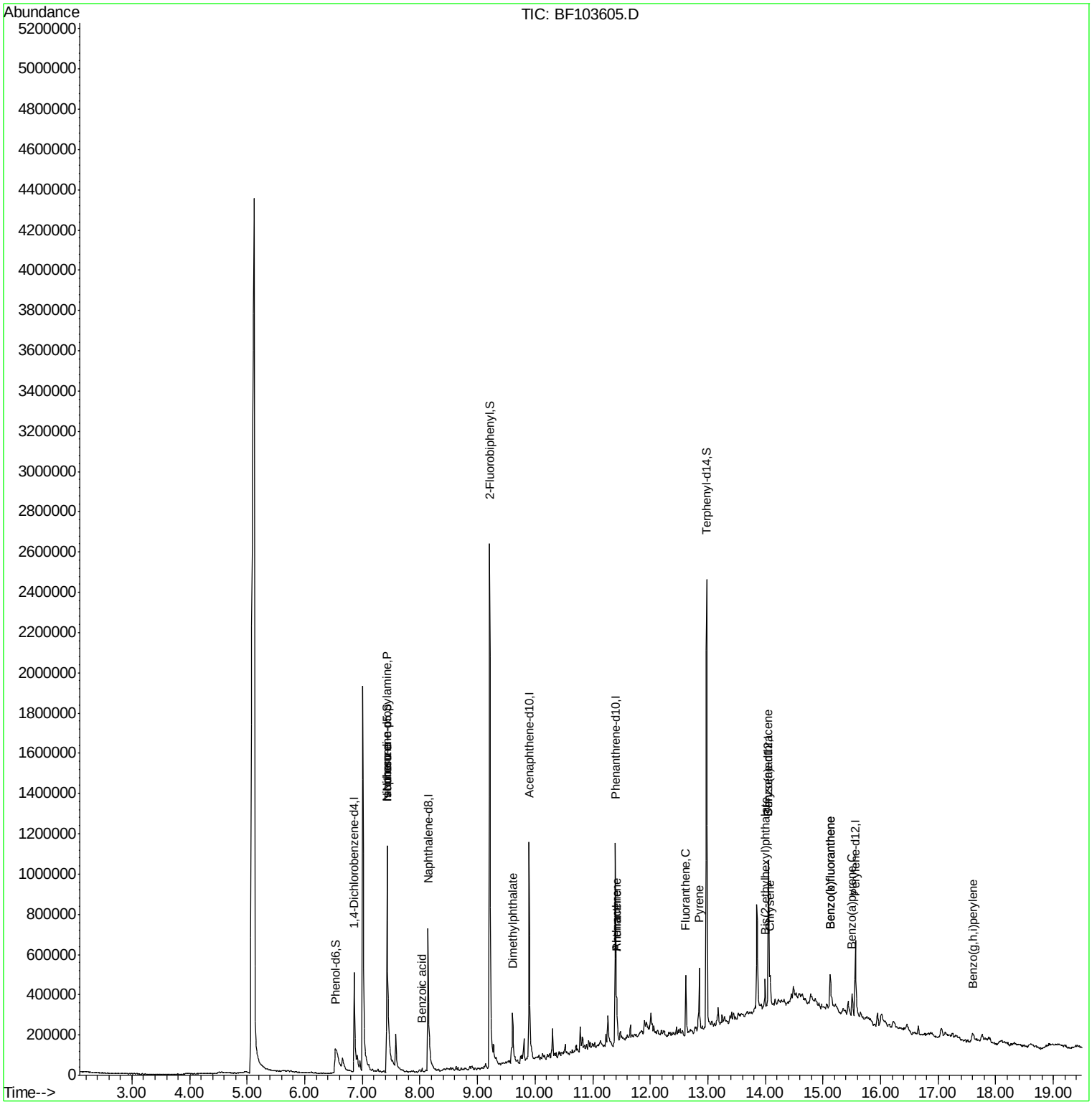
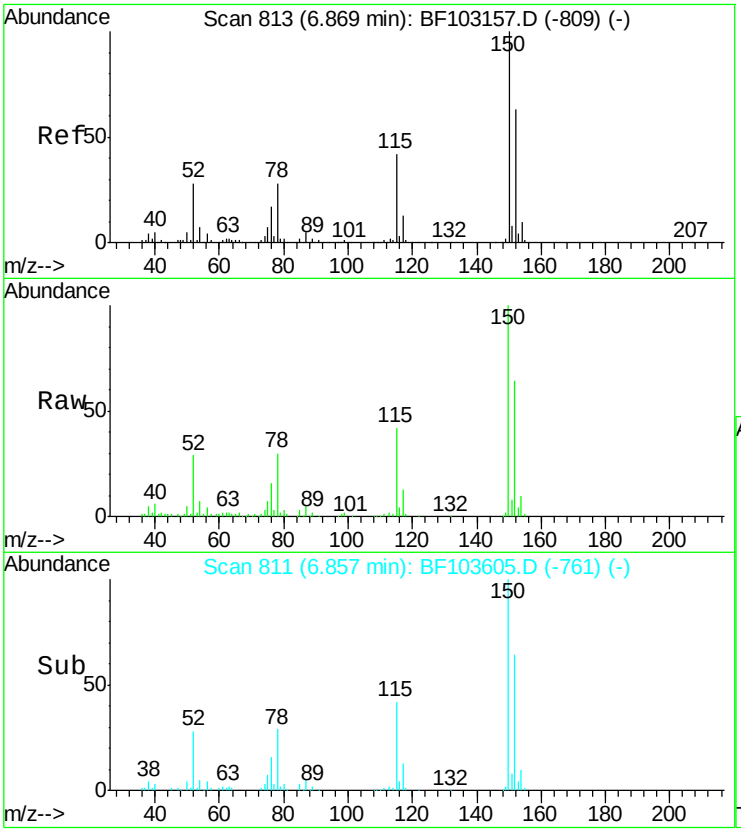


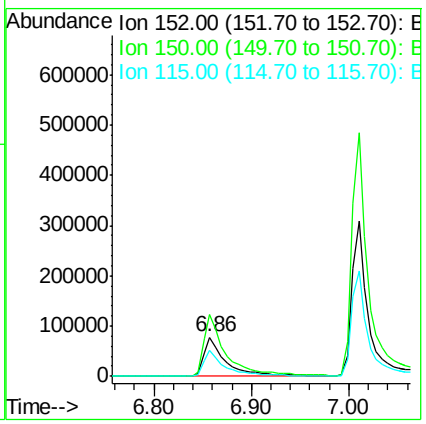


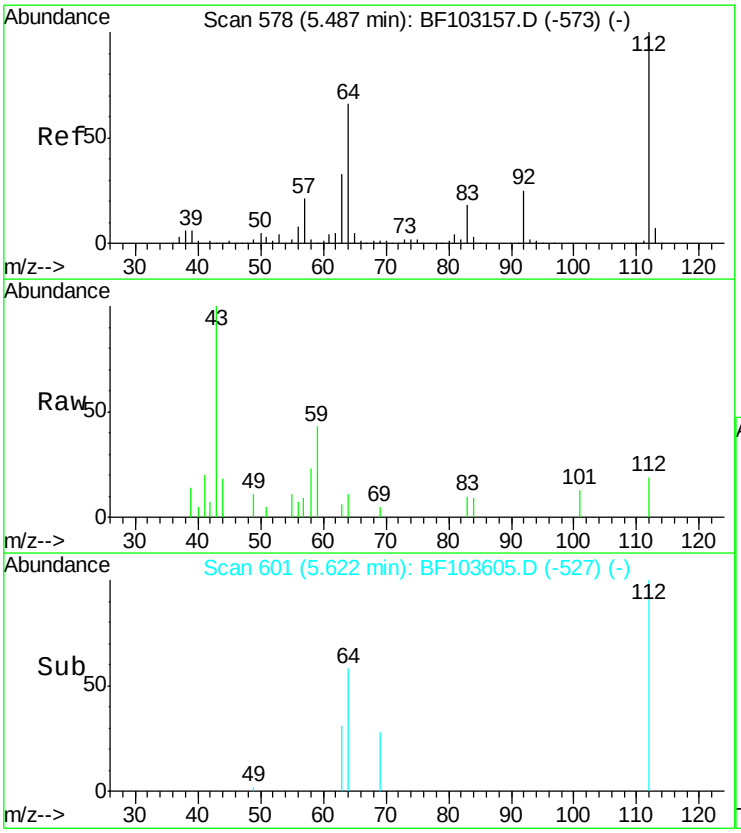
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 125363

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	65.8	50.1	75.1

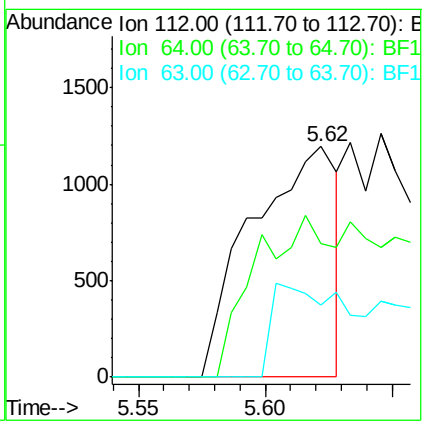


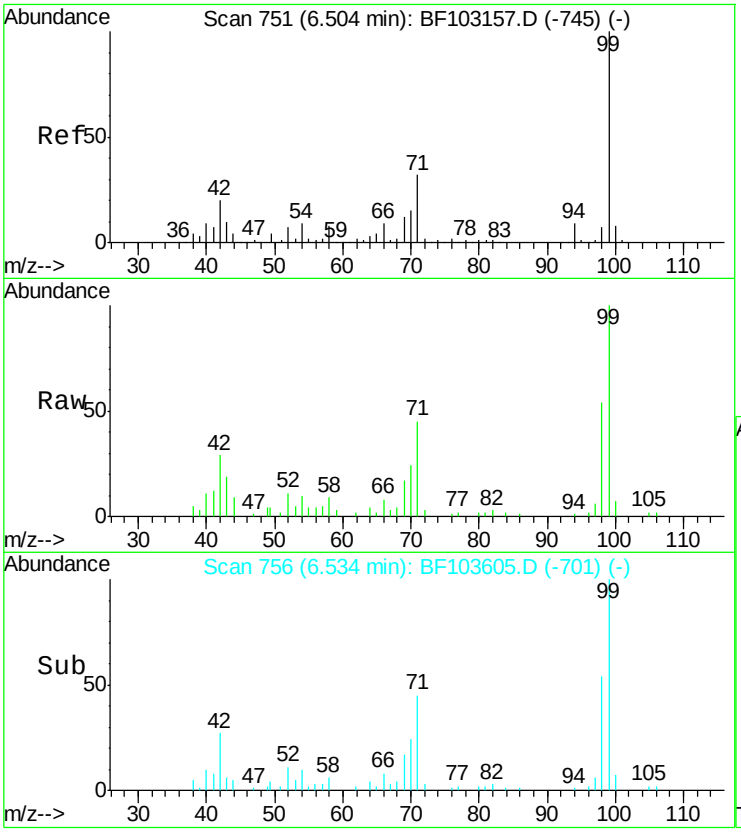


#5
2-Fluorophenol
Concen: 0.338 ng
RT: 5.62 min Scan# 601
Delta R.T. 0.14 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tgt Ion:112 Resp: 2800

Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	31.2	23.7	35.5



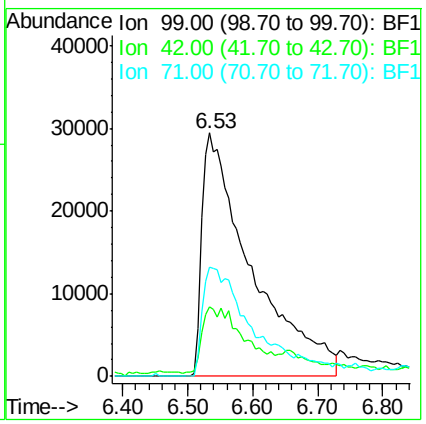


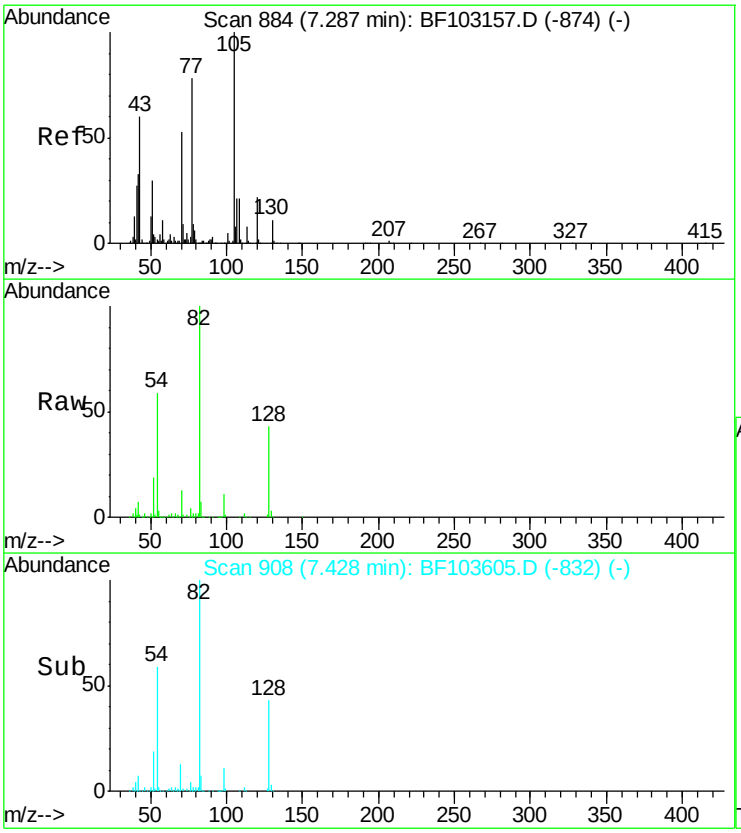
#7
Phenol-d6
Concen: 15.250 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.02 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 154671

Ion	Ratio	Lower	Upper
99	100		
42	28.6	14.5	21.7#
71	45.0	25.4	38.0#

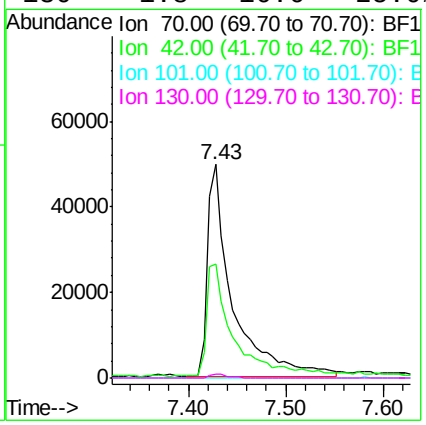


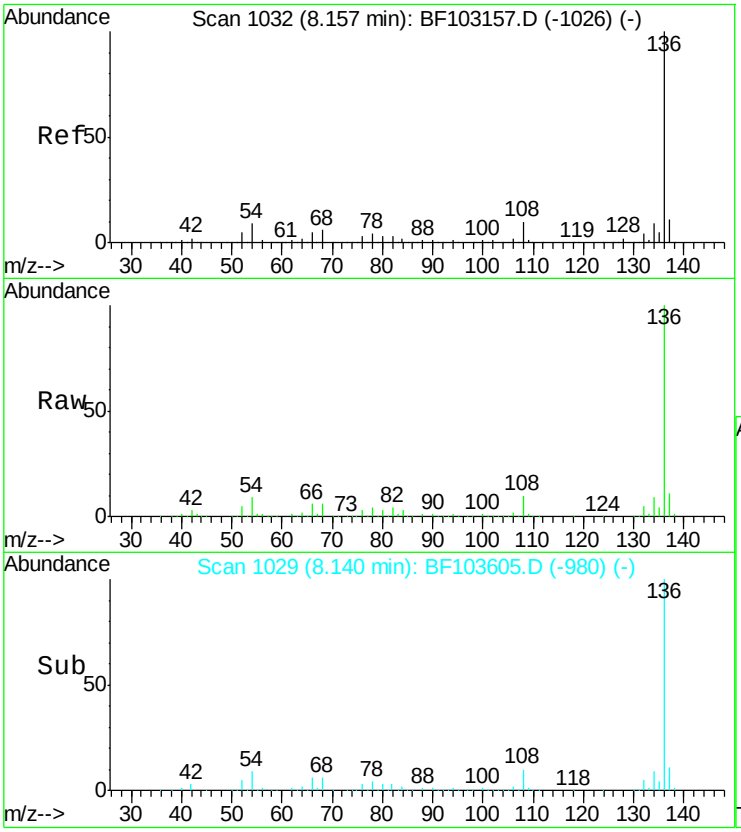


#19
n-Nitroso-di-n-propylamine
Concen: 13.971 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.15 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tgt Ion: 70 Resp: 88192

Ion	Ratio	Lower	Upper
70	100		
42	53.4	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



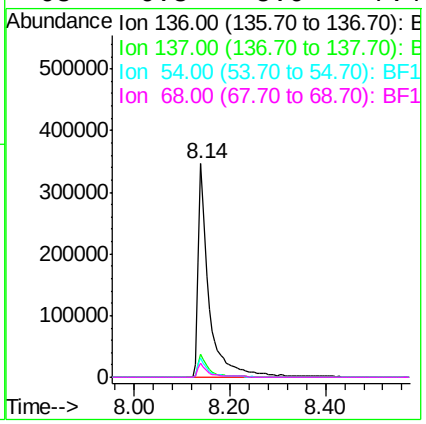


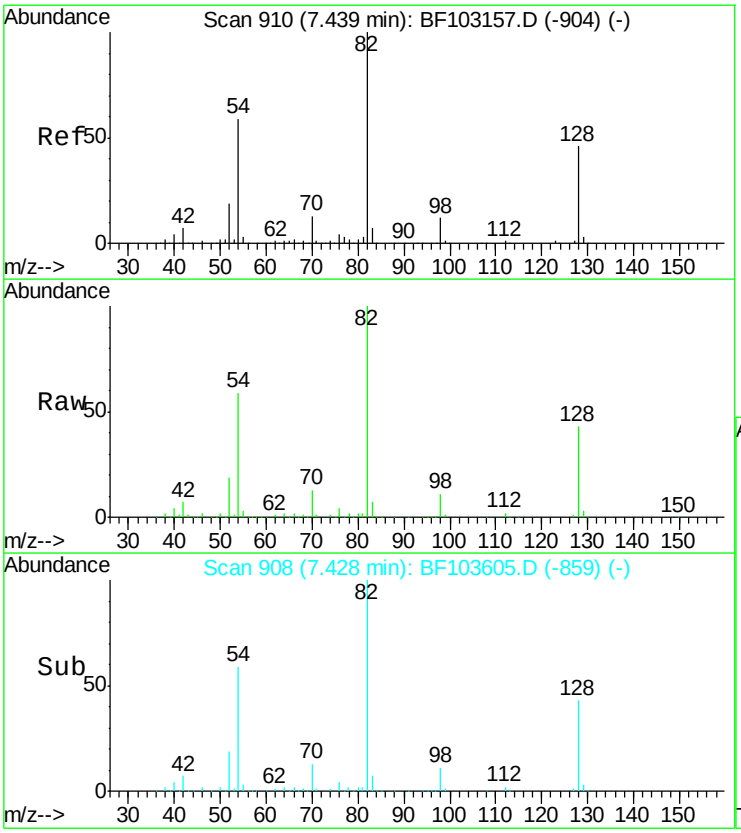
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 559736

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.2	6.6	9.8
68	6.3	5.0	7.4

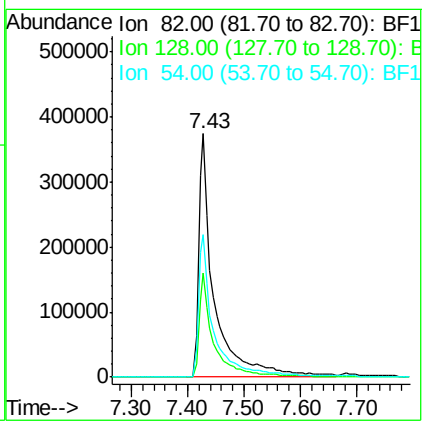


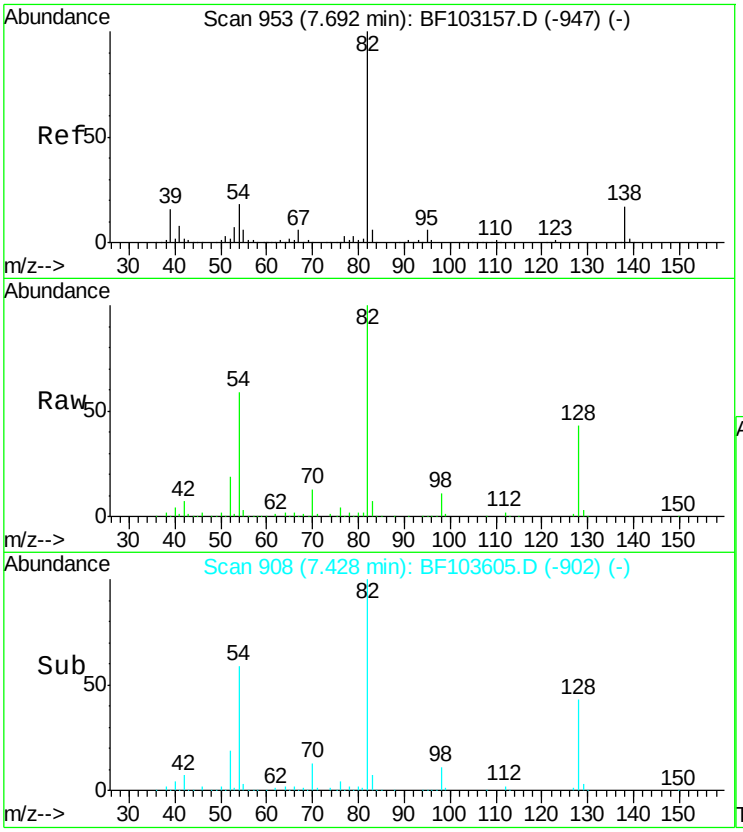


#23
Nitrobenzene-d5
Concen: 72.320 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tgt Ion: 82 Resp: 708826

Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	58.7	41.4	62.2



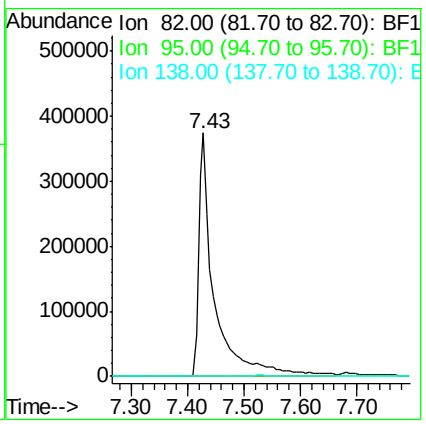


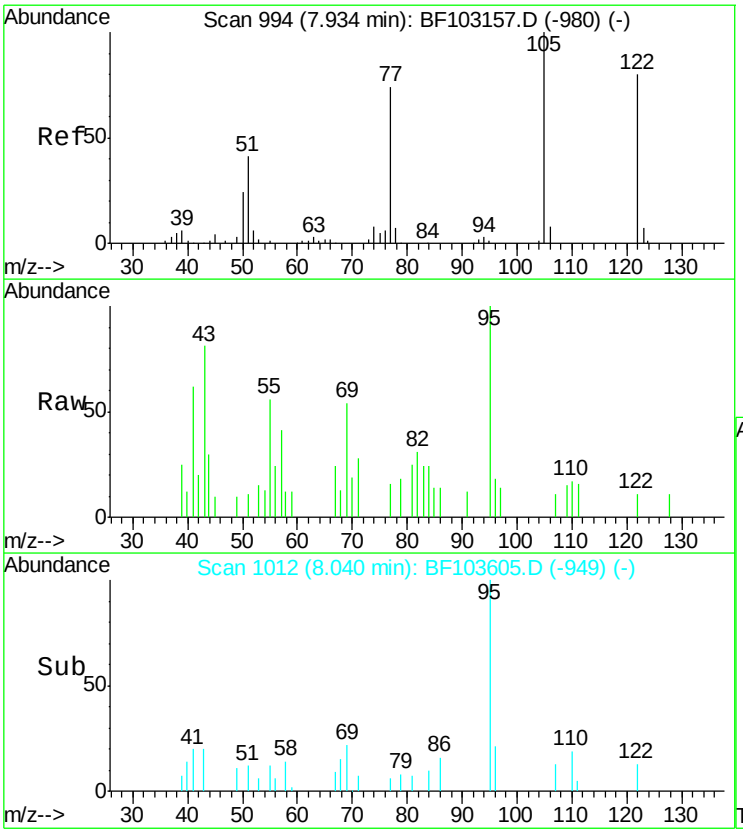
#25
Isophorone
Concen: 36.720 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 708826

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

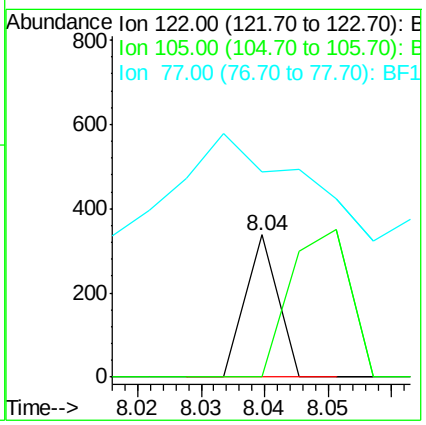


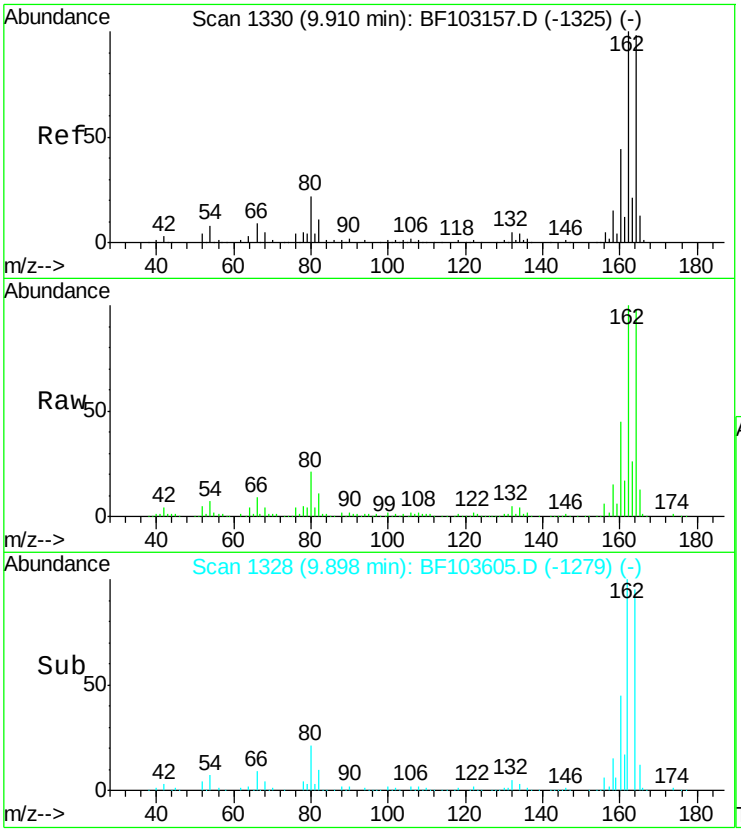


#32
Benzoic acid
Concen: 6.931 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.07 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tgt Ion:122 Resp: 119

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	144.1	70.7	110.7#



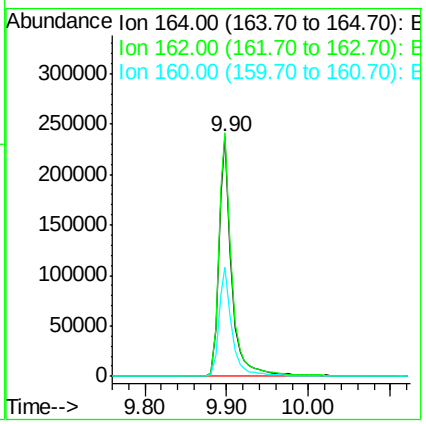


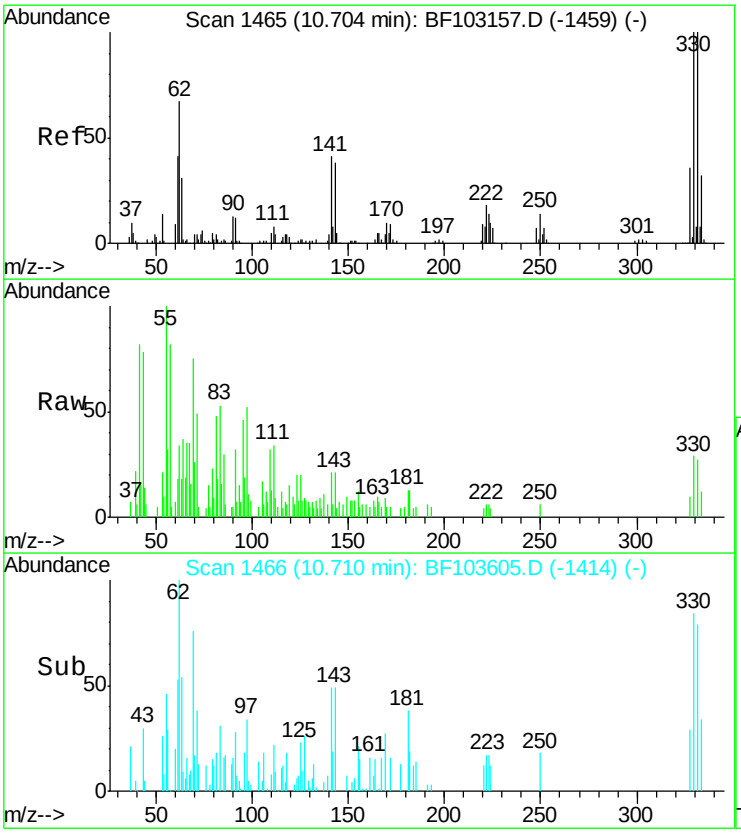
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 260354

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	45.7	38.3	57.5

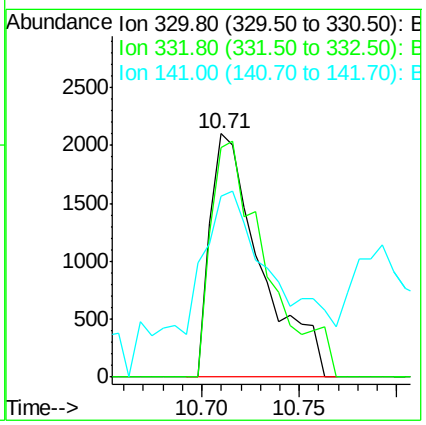


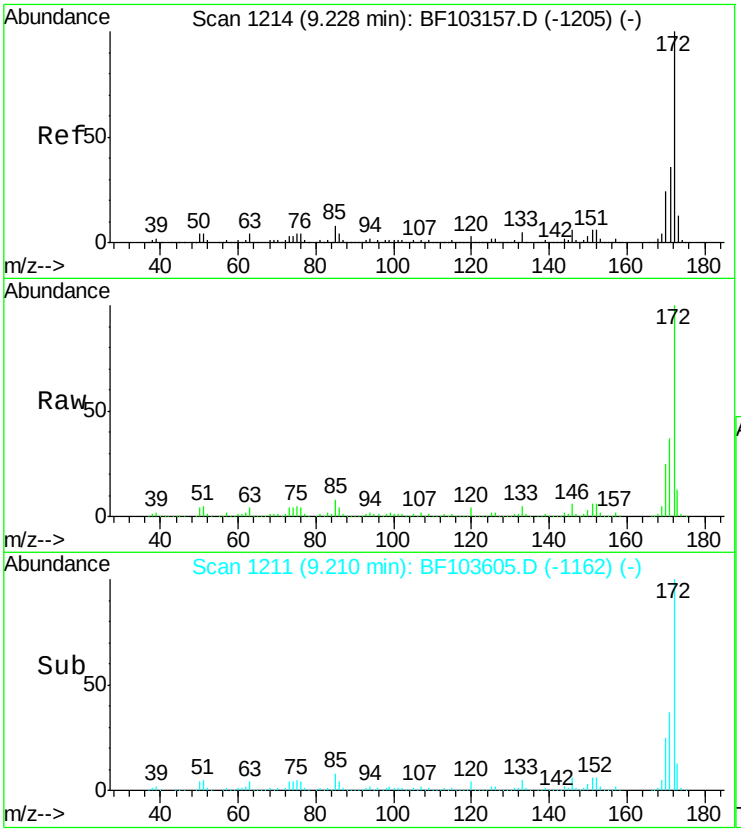


#41
2,4,6-Tribromophenol
Concen: 1.714 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tgt Ion:330 Resp: 3778

Ion	Ratio	Lower	Upper
330	100		
332	105.9	77.0	115.6
141	135.3	29.9	44.9#



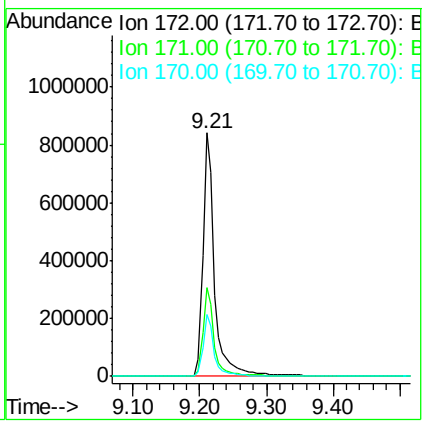


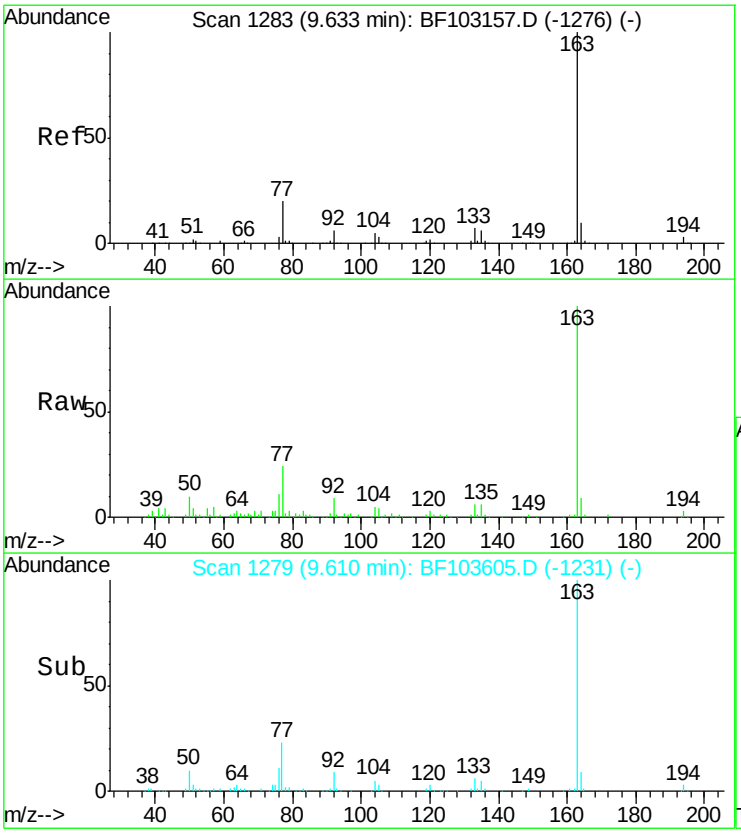
#44
2-Fluorobiphenyl
Concen: 62.580 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1008443

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	25.2	19.6	29.4

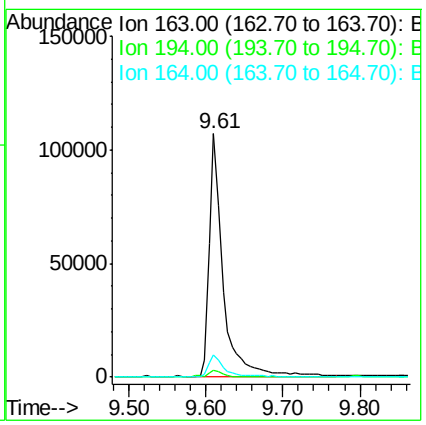


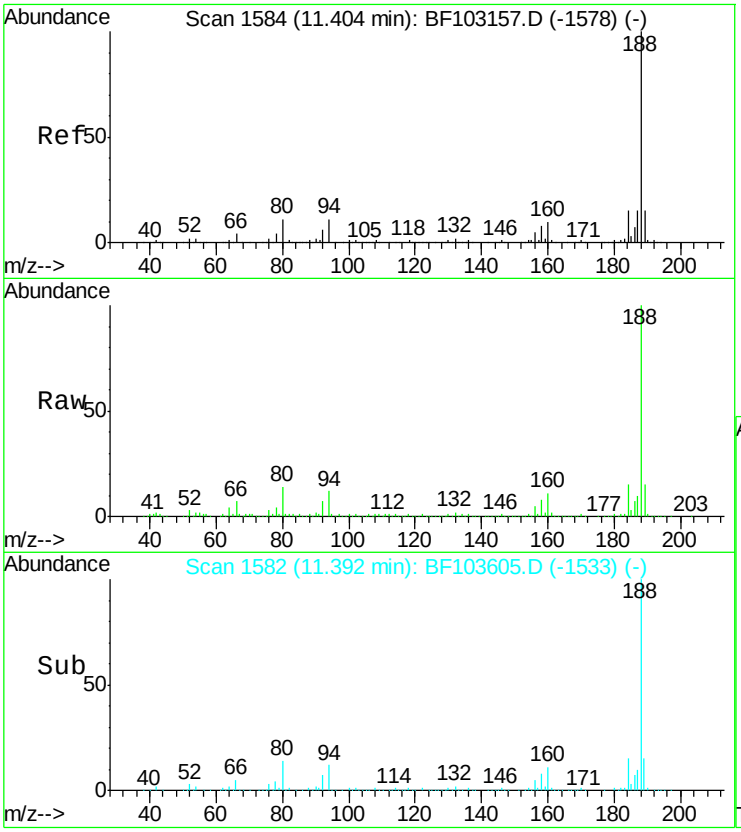


#49
Dimethylphthalate
Concen: 6.309 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tgt Ion:163 Resp: 131763

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.7	4.1
164	8.9	8.2	12.2



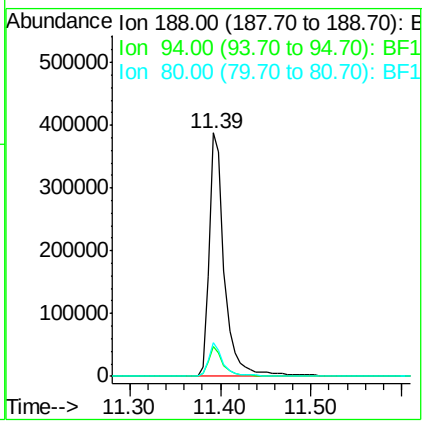


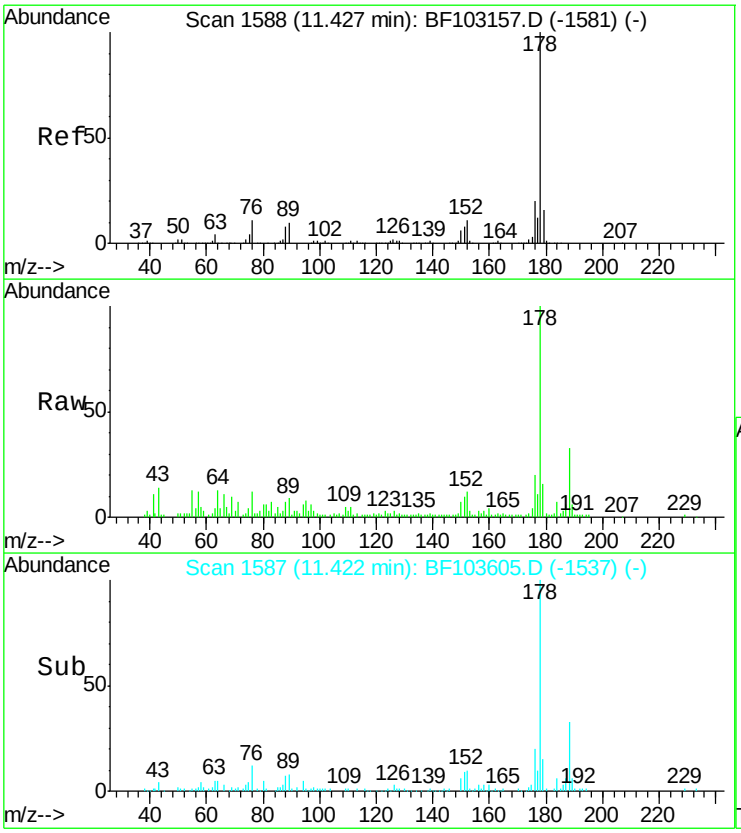
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 457810

Ion	Ratio	Lower	Upper
188	100		
94	12.0	8.5	12.7
80	13.8	9.2	13.8

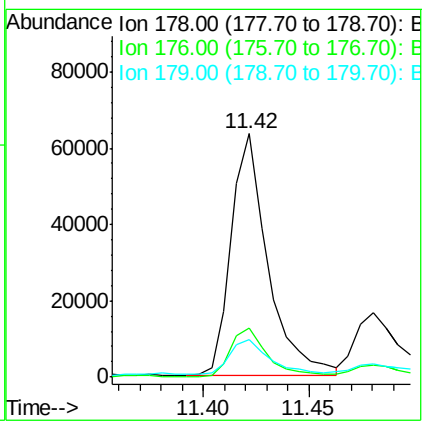


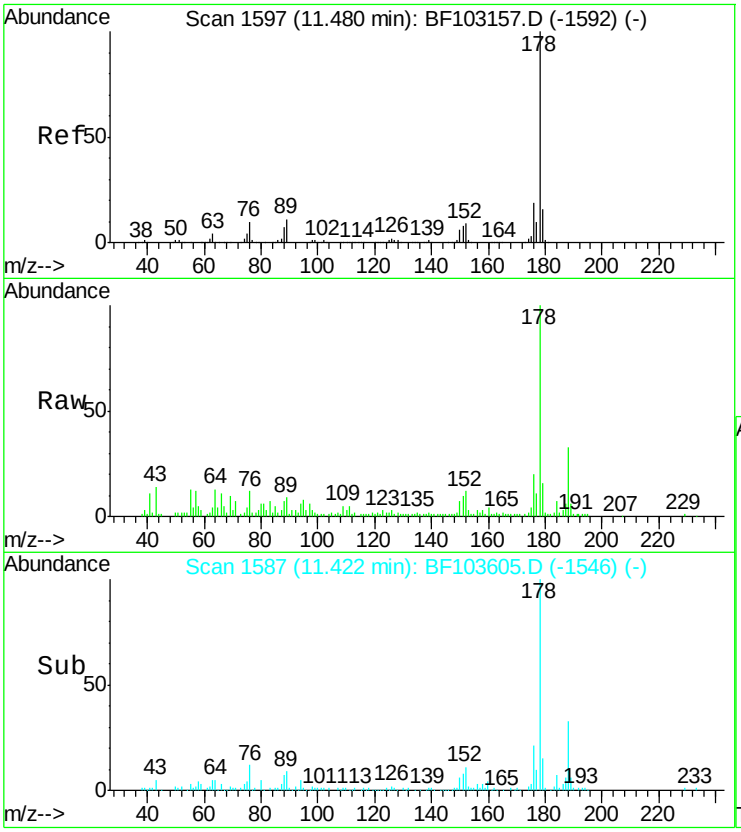


#70
Phenanthrene
Concen: 3.026 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tgt Ion:178 Resp: 76244

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.7	13.0	19.6



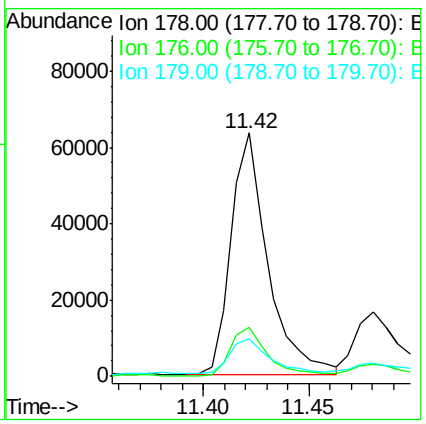


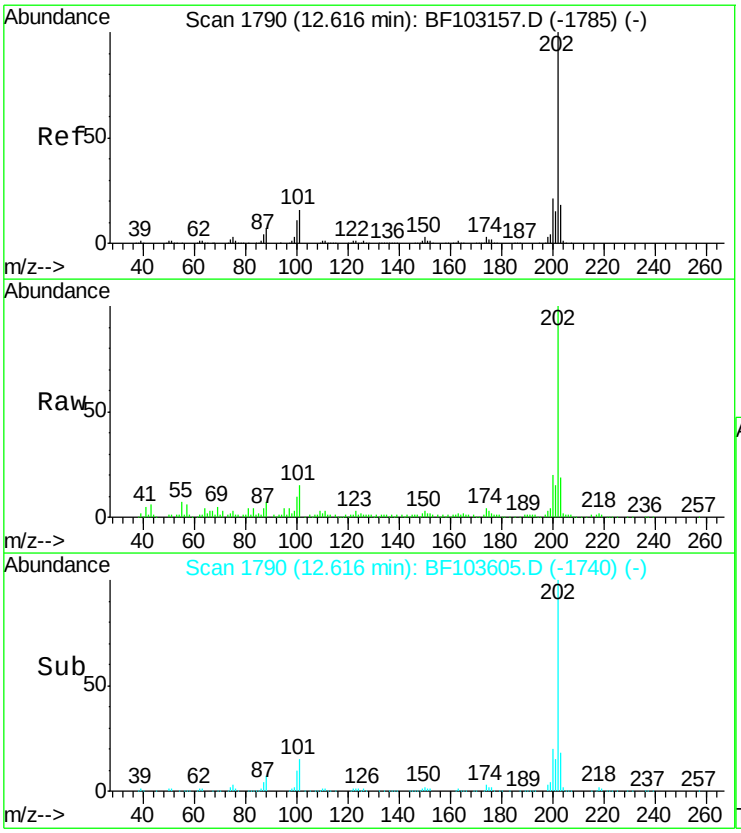
#71
Anthracene
Concen: 2.951 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.06 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 76244

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	15.7	12.6	19.0

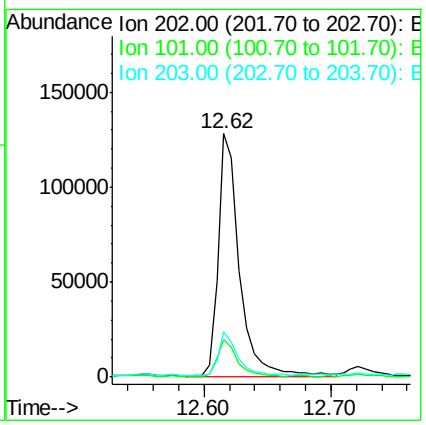


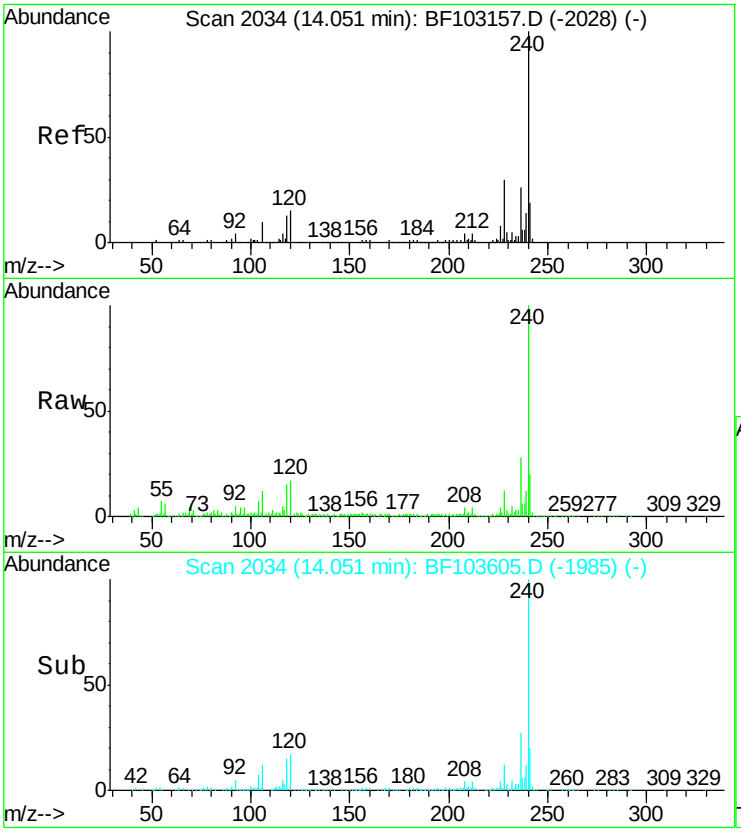


#74
Fluoranthene
Concen: 5.878 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tgt Ion:202 Resp: 148828

Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	34.1
203	18.7	0.0	38.1



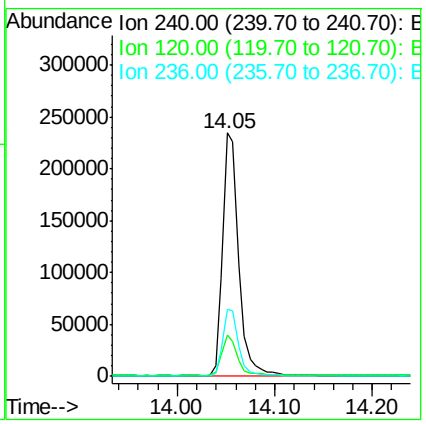


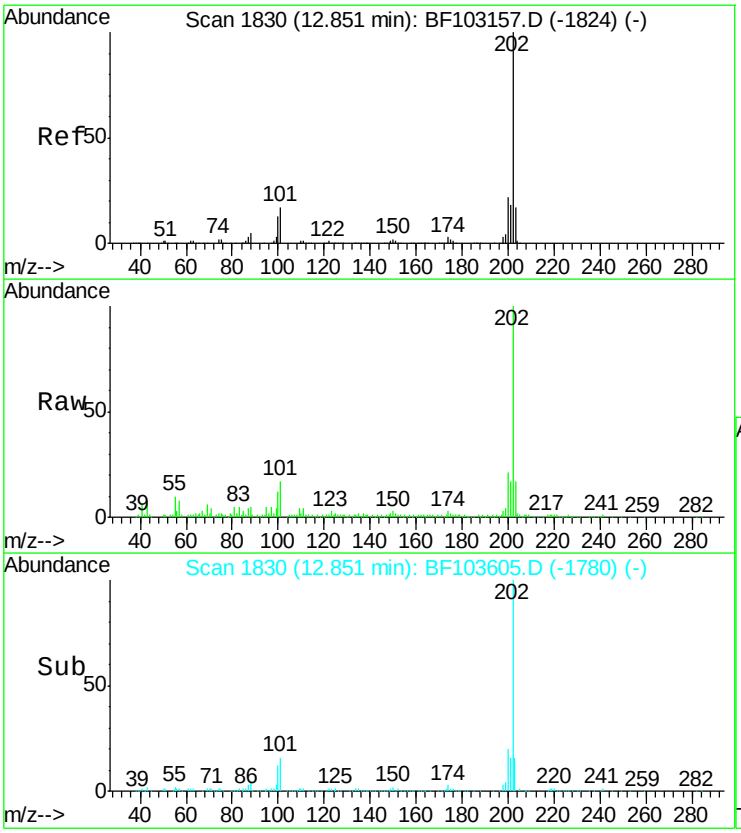
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 271626

Ion	Ratio	Lower	Upper
240	100		
120	17.0	9.5	14.3#
236	27.6	20.7	31.1

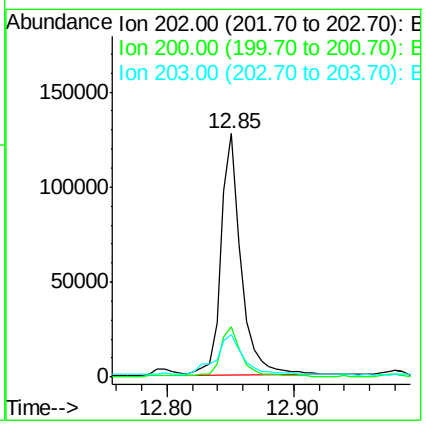


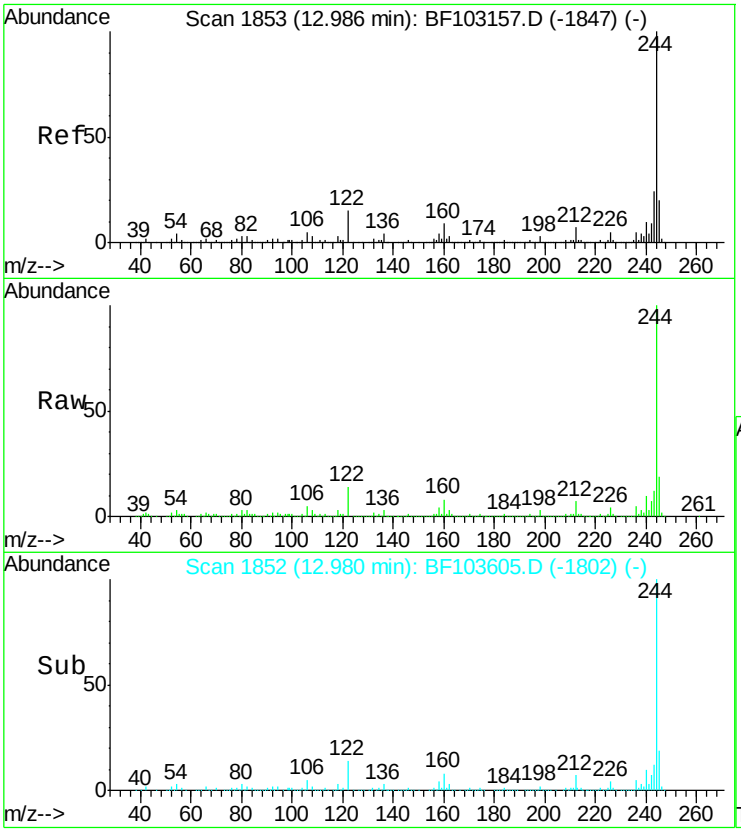


#77
Pyrene
Concen: 6.556 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tgt Ion:202 Resp: 138851

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.4	14.3	21.5



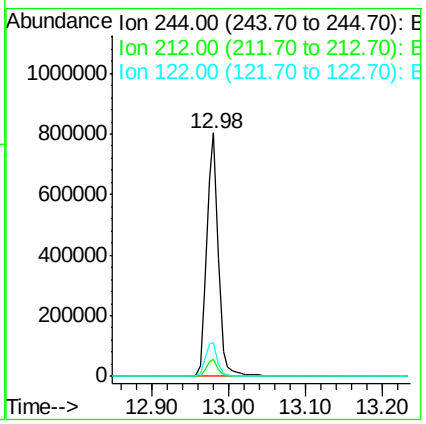


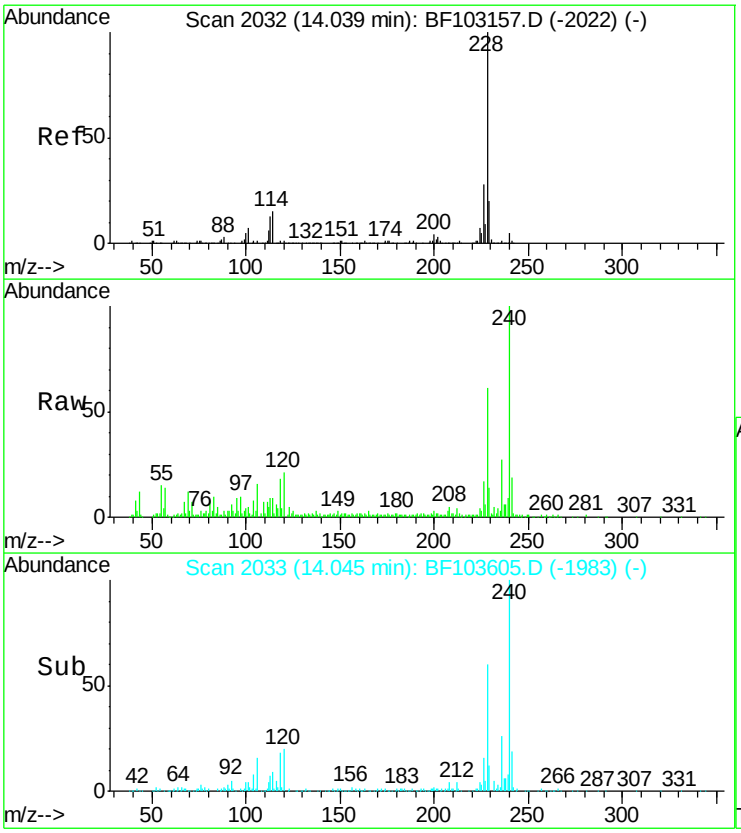
#78
Terphenyl-d14
Concen: 73.641 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 832105

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.9	11.0	16.4

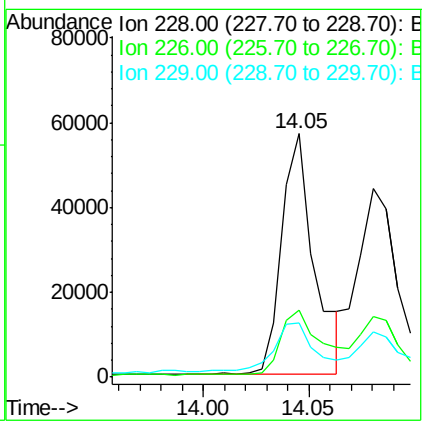


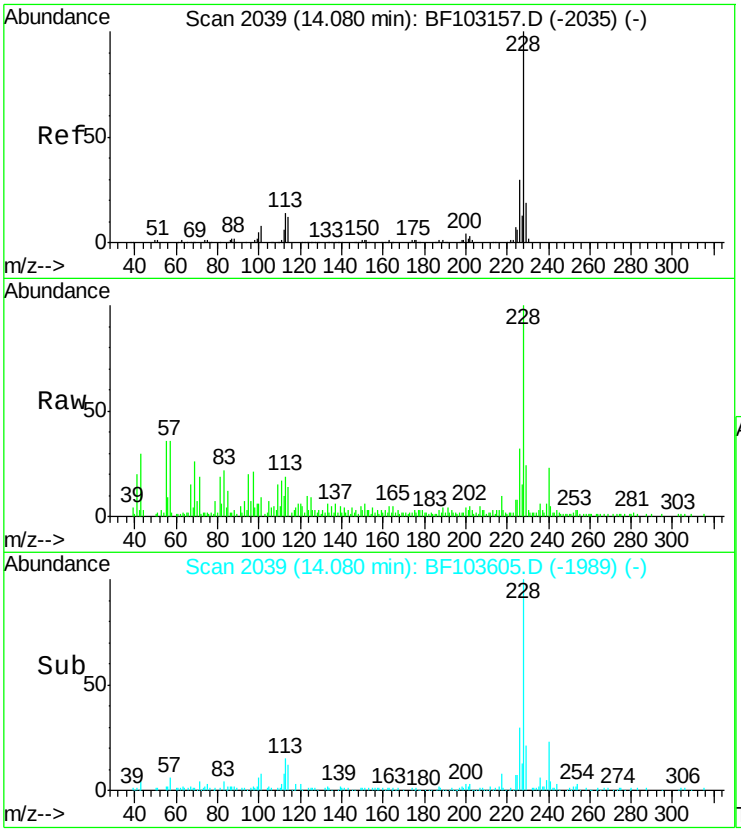


#80
Benzo(a)anthracene
Concen: 3.488 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tgt Ion:228 Resp: 61478

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	22.4	15.8	23.6



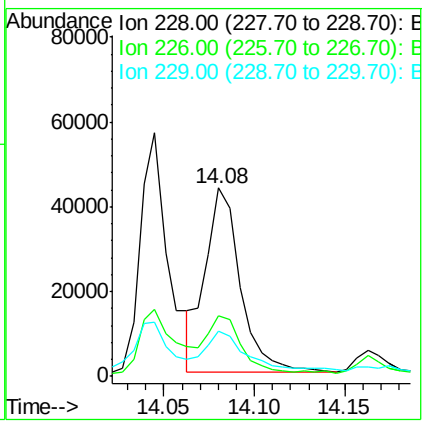


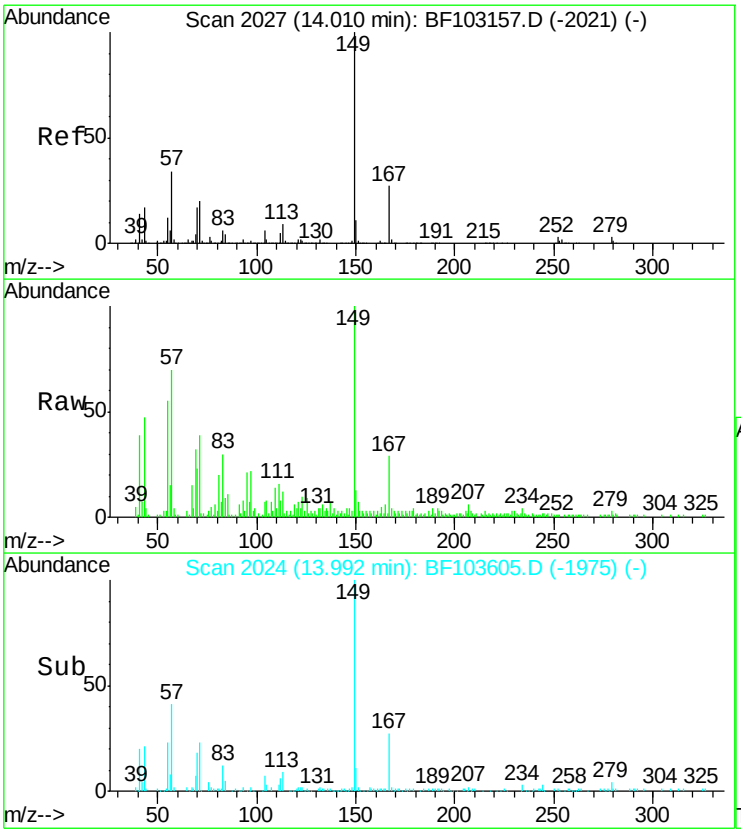
#82
Chrysene
Concen: 3.437 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 58808

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	24.2	16.2	24.4

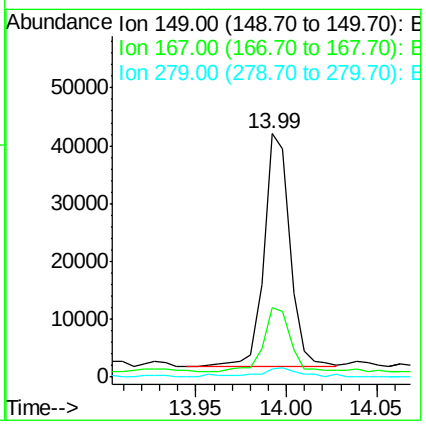


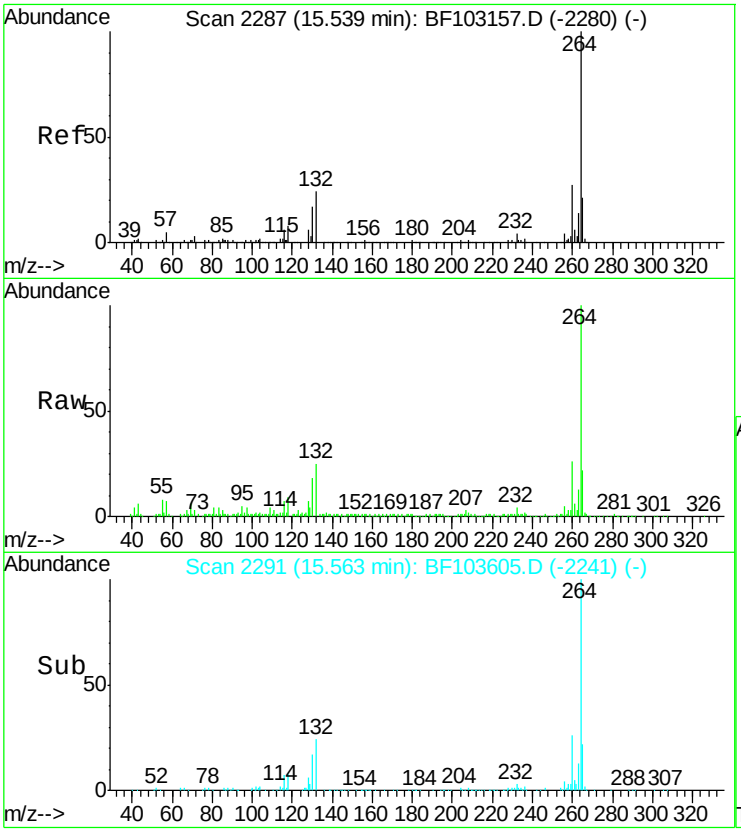


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.653 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tgt Ion:149 Resp: 40062

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.3	31.9
279	3.5	3.0	4.4



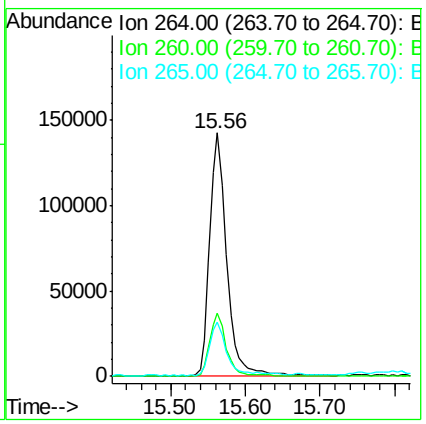


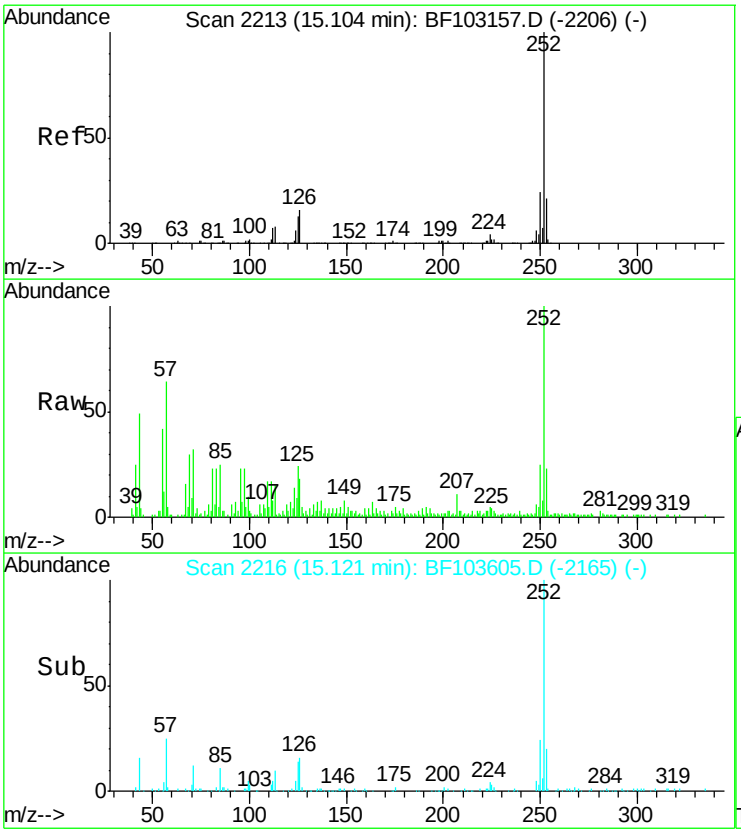
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 227602

Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.2	28.8
265	22.2	17.5	26.3

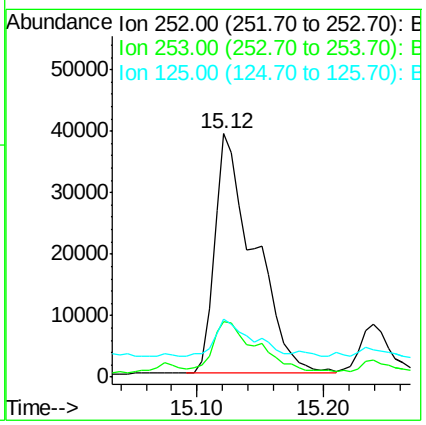


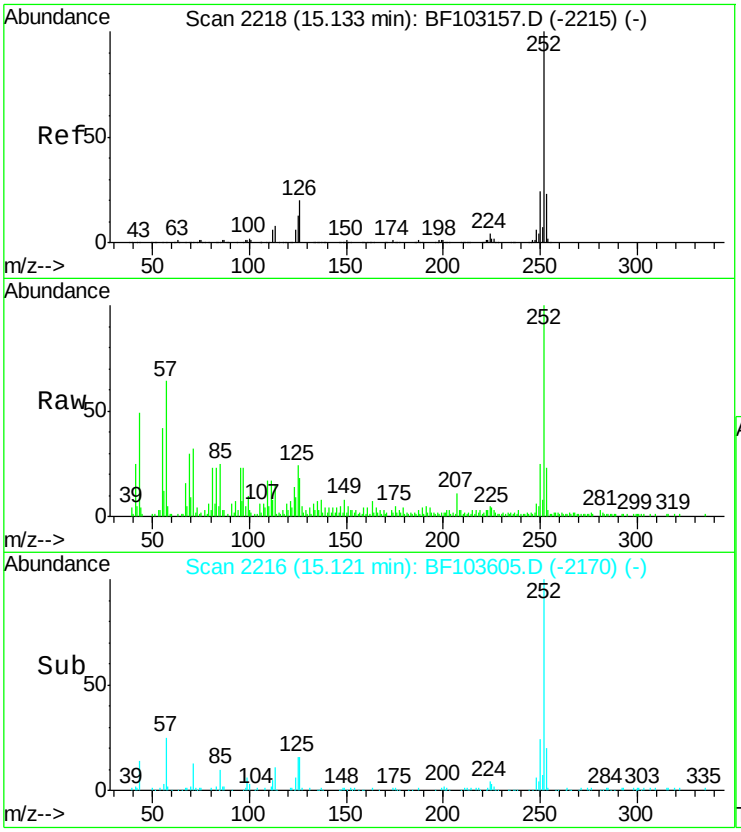


#87
Benzo(b)fluoranthene
Concen: 5.658 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tgt Ion:252 Resp: 84669

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	23.7	9.0	13.6#



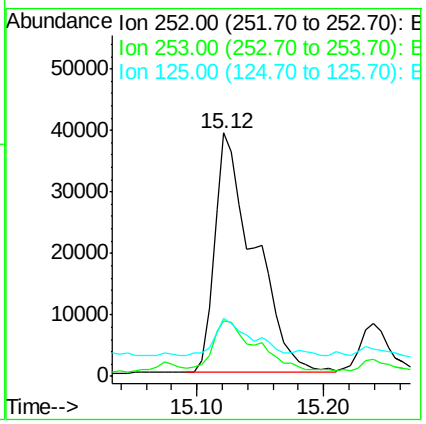


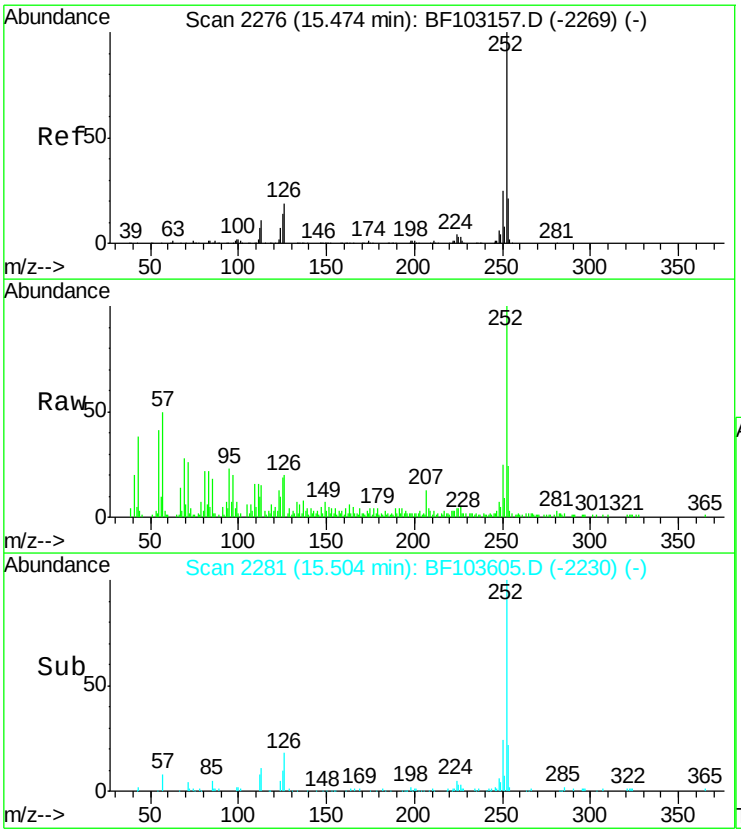
#88
Benzo(k)fluoranthene
Concen: 6.008 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.03 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 84669

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	23.7	10.2	15.2#

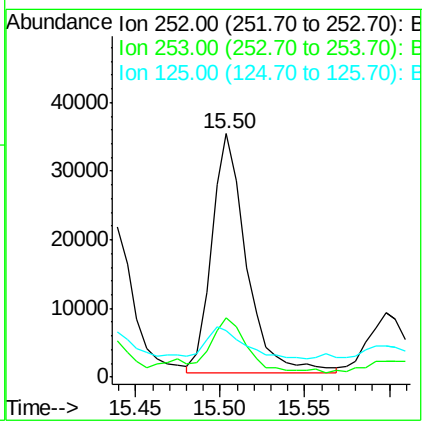


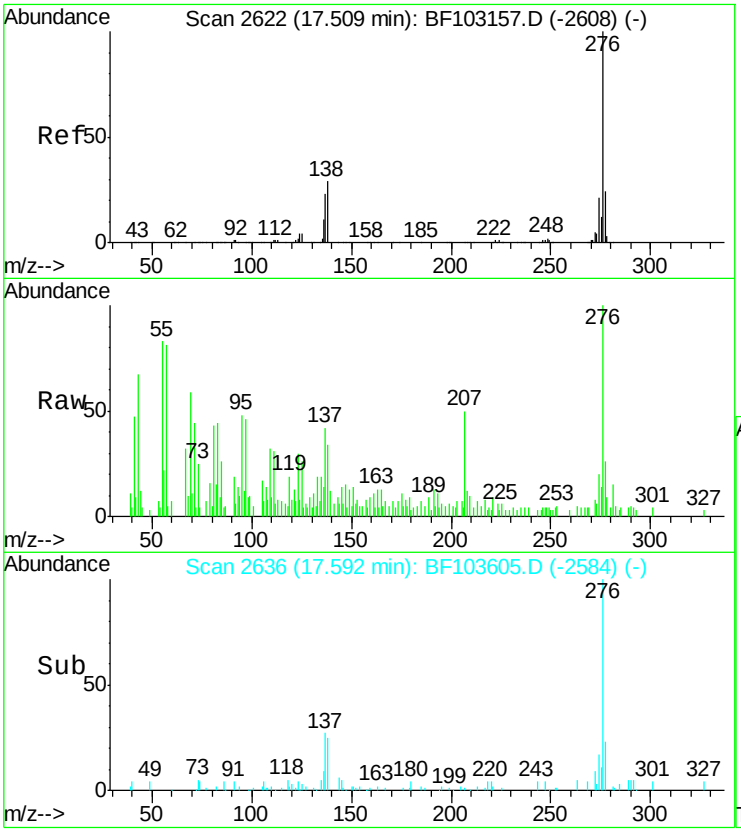


#89
Benzo(a)pyrene
Concen: 3.723 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Tgt Ion:252 Resp: 49751

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	19.0	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.977 ng
RT: 17.59 min Scan# 2636
Delta R.T. 0.01 min
Lab File: BF103605.D
Acq: 13 Mar 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 30041

Ion	Ratio	Lower	Upper
276	100		
277	26.2	17.9	26.9
138	33.7	21.8	32.8#