Quantitation Report (Not Reviewed)

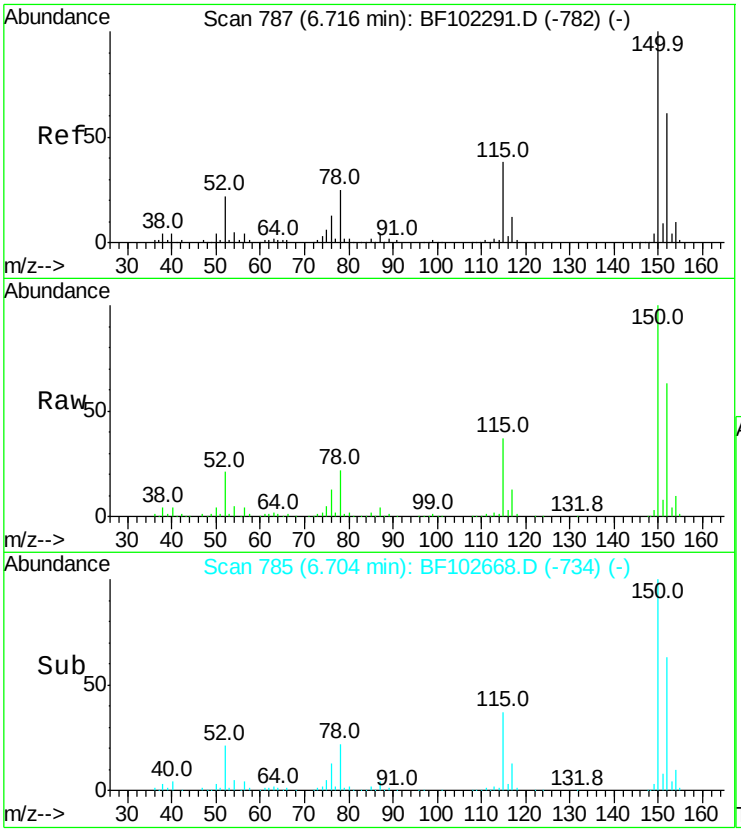
Data Path : U:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102668.D
Acq On : 31 Jan 2018 21:25
Operator : SJ/JU
Sample : J1010-10 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 01 00:02:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 18:38:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	155213	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	611672	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	228412	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	311310	20.00	ng		0.00
75) Chrysene-d12	13.86	240	298310	20.00	ng		0.00
86) Perylene-d12	15.29	264	220258	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	599091	58.52	ng		0.00
7) Phenol-d6	6.35	99	707384	57.32	ng		0.00
23) Nitrobenzene-d5	7.27	82	413450	38.84	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	97847	43.23	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	660732	42.53	ng		0.00
78) Terphenyl-d14	12.80	244	450531	34.05	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	30549	2.267	ng	#	71
19) n-Nitroso-di-n-propylamine	7.27	70	56401	7.468	ng	#	77
25) Isophorone	7.27	82	413446	21.788	ng	#	64
37) 2-Methylnaphthalene	8.70	142	82386	4.051	ng		99
49) Dimethylphthalate	9.46	163	106808	5.657	ng		99
51) Acenaphthene	9.77	154	55796	3.863	ng		99
54) Dibenzofuran	9.95	168	74466	3.809	ng		97
55) 4-Nitrophenol	9.95	139	28073	8.832	ng	#	11
57) Fluorene	10.29	166	51957	3.354	ng		99
70) Phenanthrene	11.25	178	246287	13.576	ng		99
71) Anthracene	11.30	178	83174	4.492	ng		98
74) Fluoranthene	12.44	202	228323	12.342	ng		99
77) Pyrene	12.67	202	197215	8.551	ng		98
80) Benzo(a)anthracene	13.85	228	108411	5.903	ng		97
82) Chrysene	13.85	228	108411	5.813	ng		95
87) Benzo(b)fluoranthene	14.89	252	129762	9.090	ng	#	89
88) Benzo(k)fluoranthene	14.89	252	129762	9.621	ng	#	92
89) Benzo(a)pyrene	15.23	252	61735	4.795	ng	#	90
91) Benzo(g,h,i)perylene	17.12	276	27417	2.662	ng	#	91

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

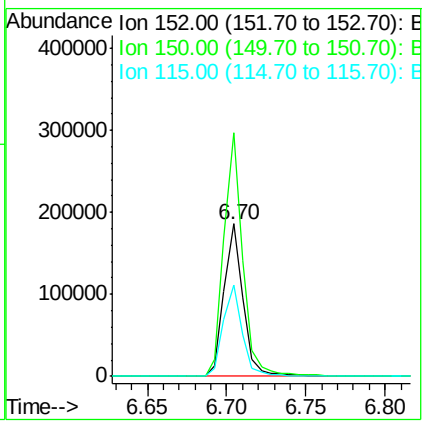


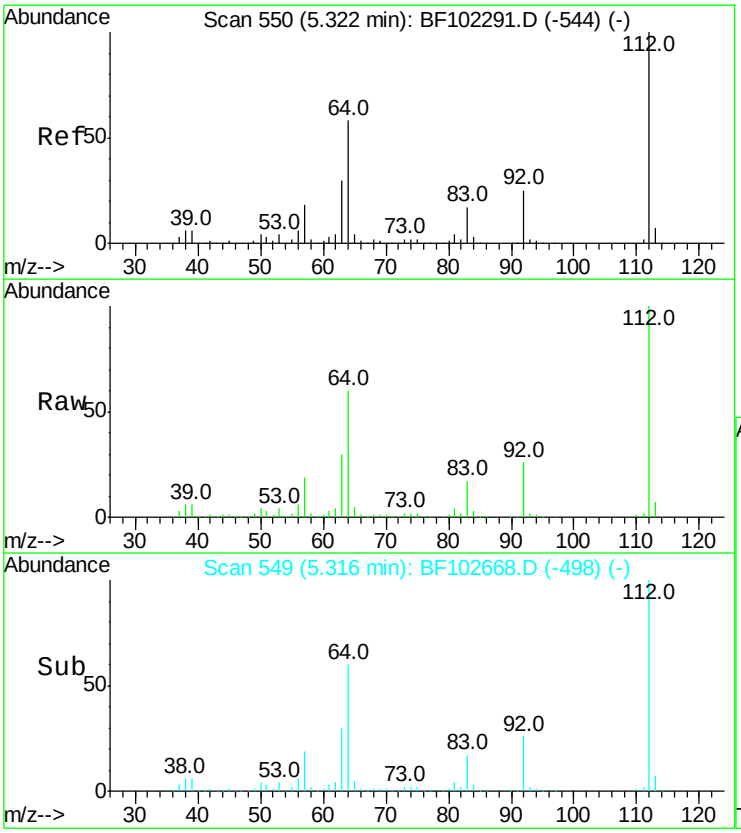
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 155213

Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	59.5	50.1	75.1

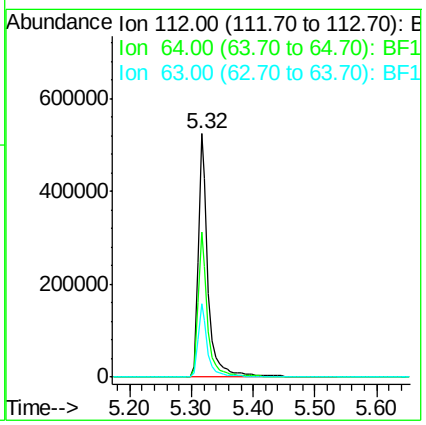


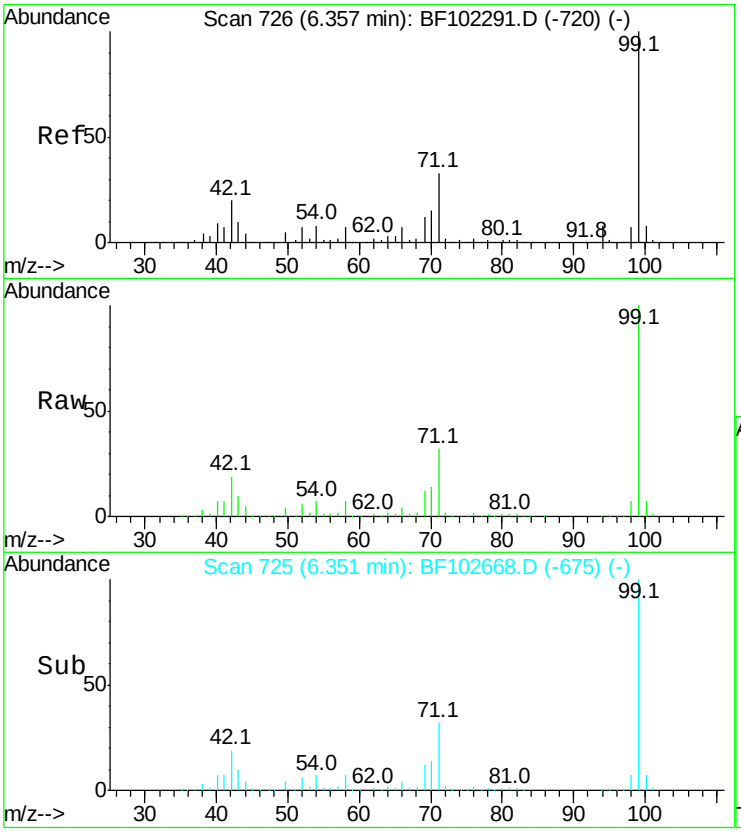


#5
2-Fluorophenol
Concen: 58.525 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Tgt Ion:112 Resp: 599091

Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	30.3	23.7	35.5



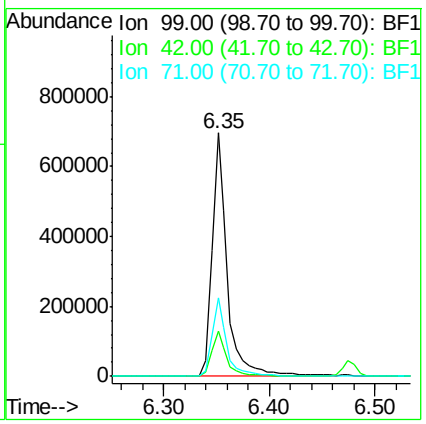


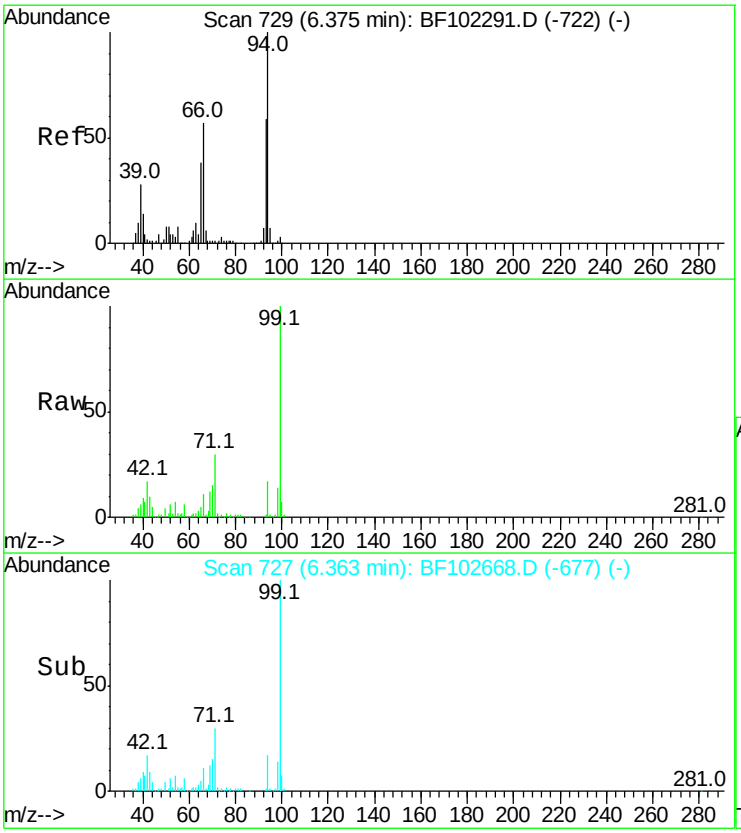
#7
Phenol-d6
Concen: 57.319 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 707384

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	32.4	25.4	38.0

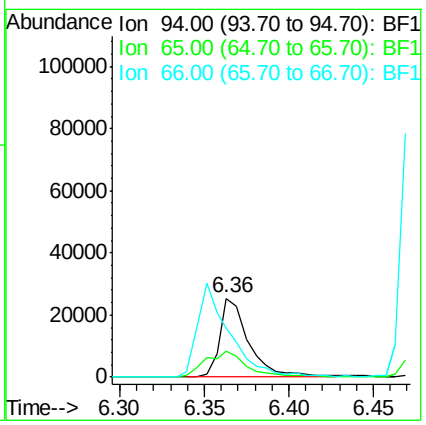


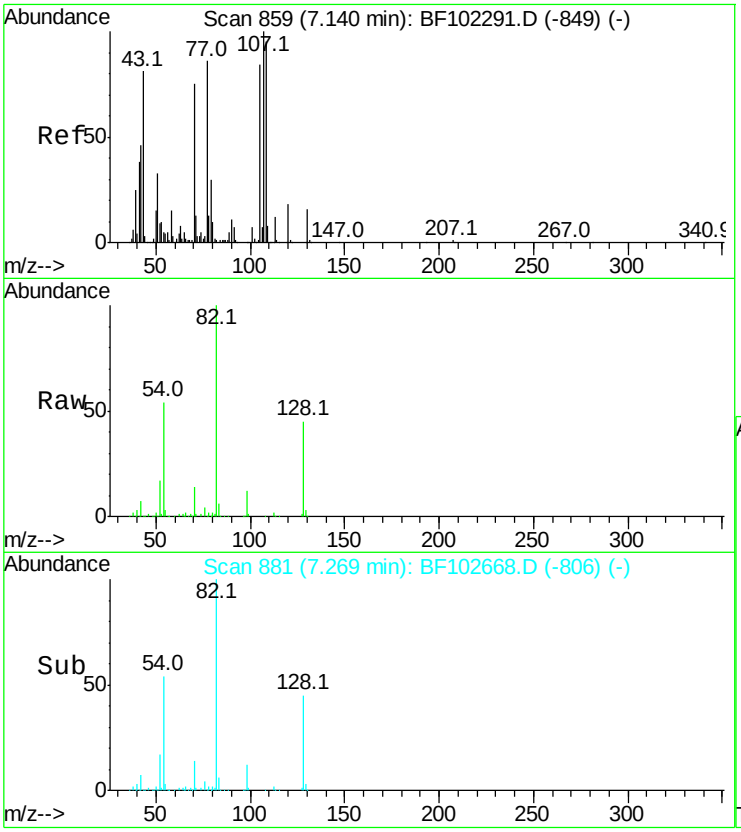


#10
Phenol
Concen: 2.267 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Tgt Ion: 94 Resp: 30549

Ion	Ratio	Lower	Upper
94	100		
65	32.3	7.9	47.9
66	62.5	16.2	56.2#



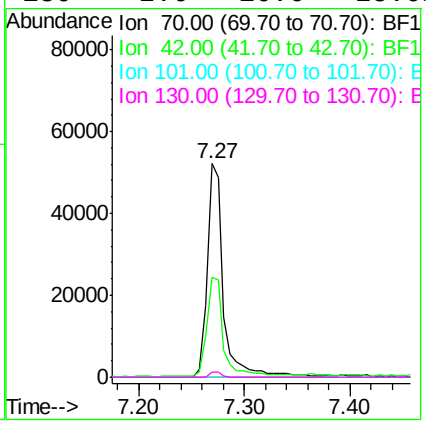


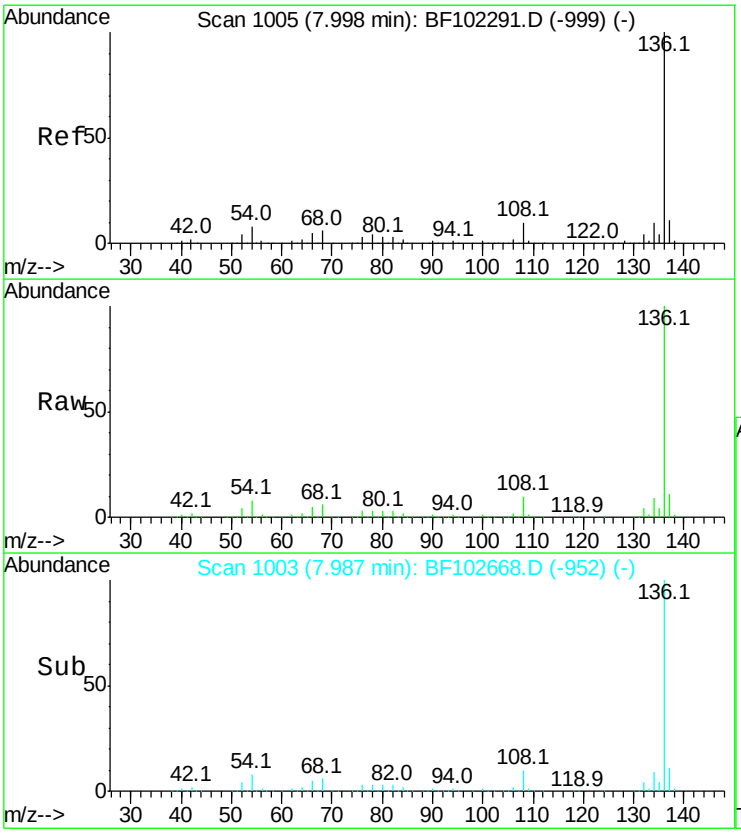
#19
n-Nitroso-di-n-propylamine
Concen: 7.468 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 56401

Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#

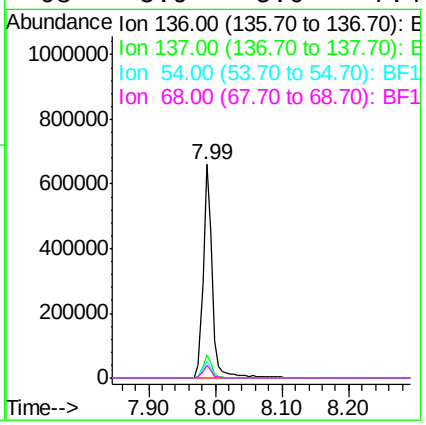


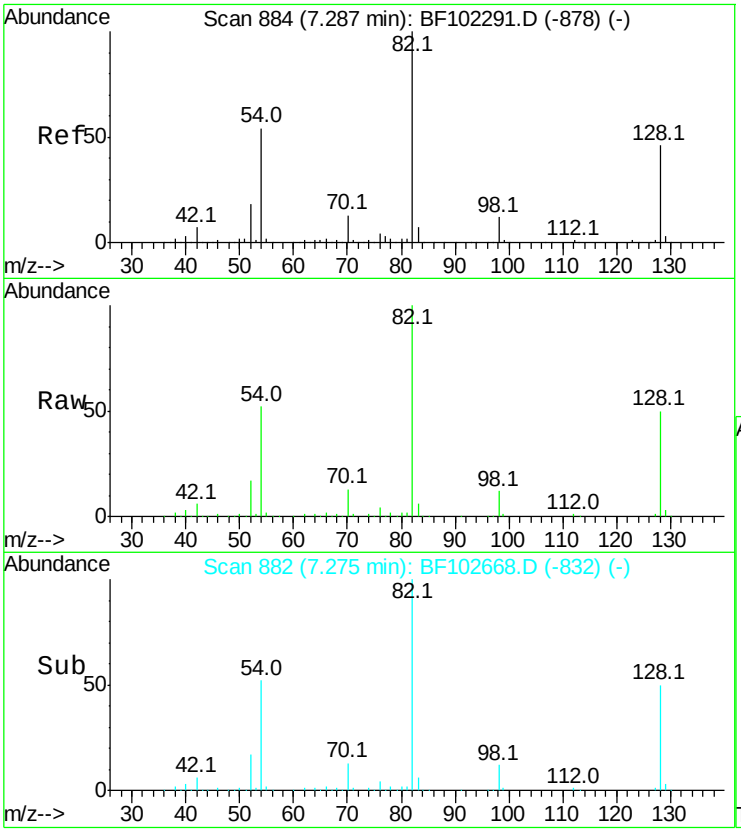


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Tgt Ion:136 Resp: 611672

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.0	6.6	9.8
68	5.9	5.0	7.4



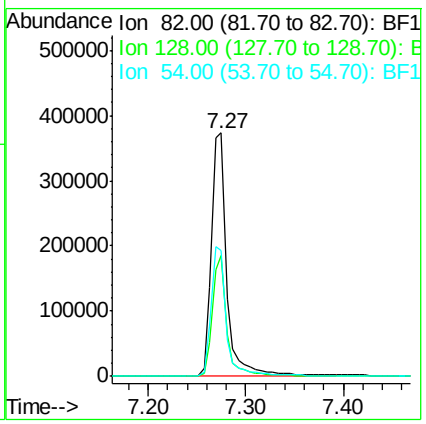


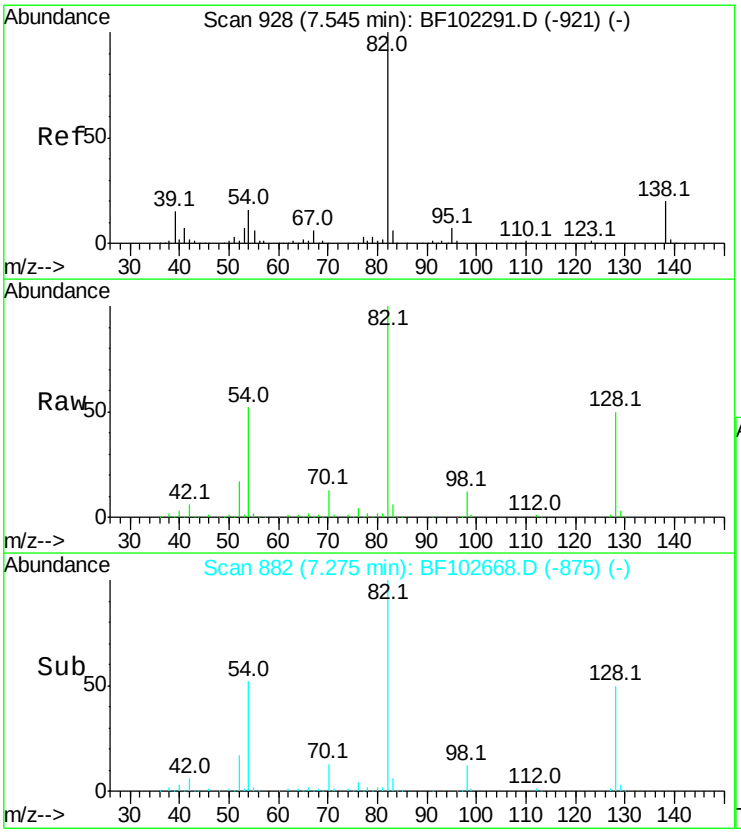
#23
Nitrobenzene-d5
Concen: 38.844 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 413450

Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.1	54.1
54	51.9	41.4	62.2

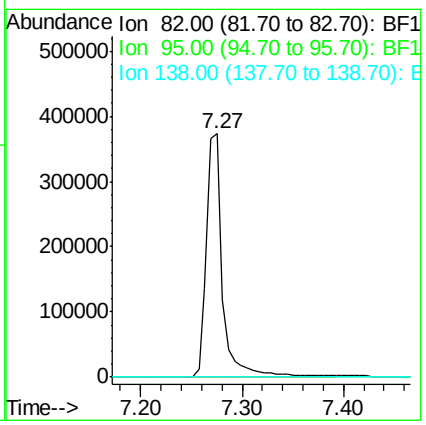


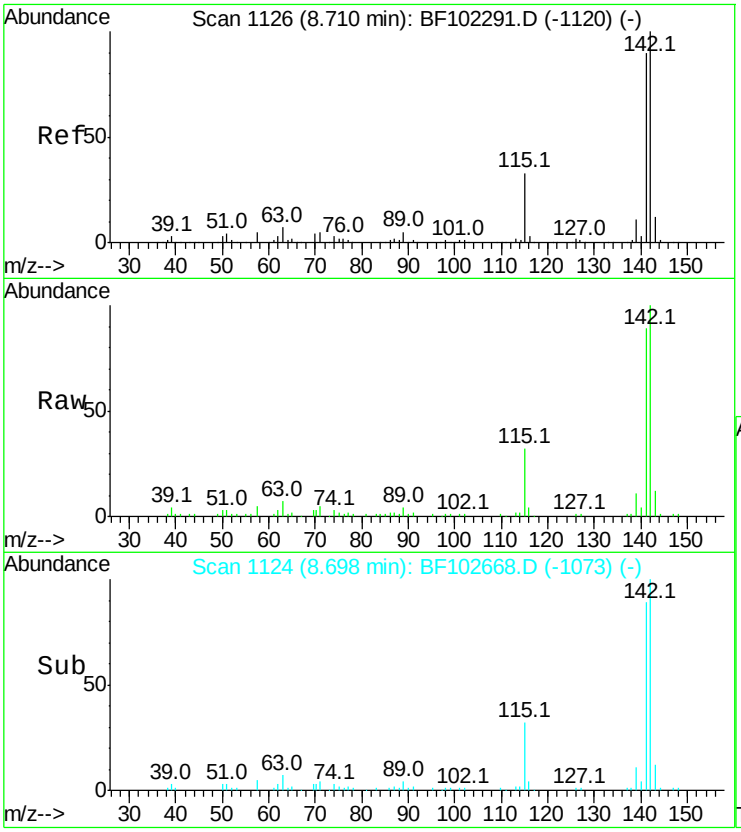


#25
Isophorone
Concen: 21.788 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Tgt Ion: 82 Resp: 413446

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



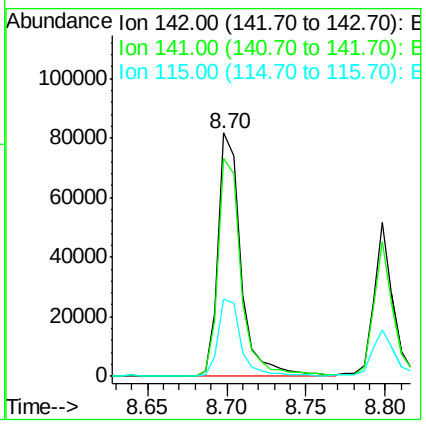


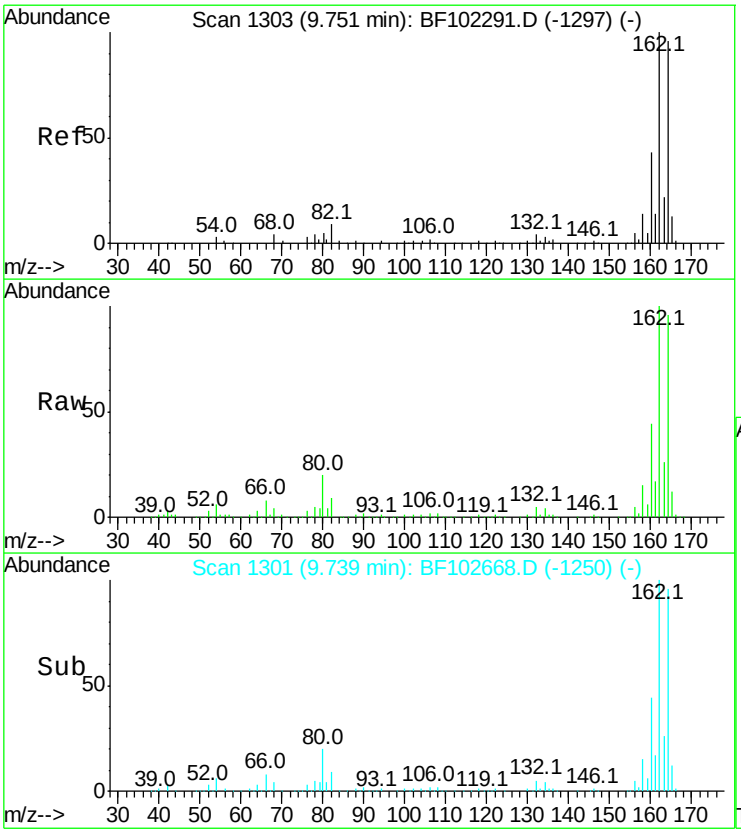
#37
2-Methylnaphthalene
Concen: 4.051 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 82386

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	31.9	26.1	39.1

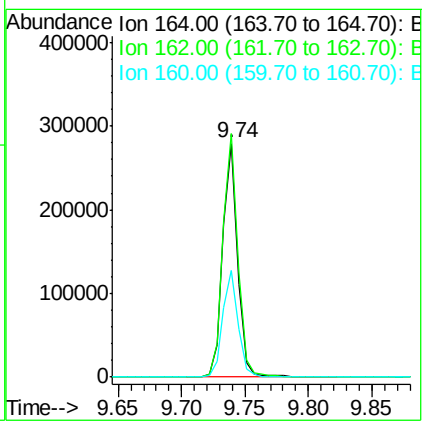


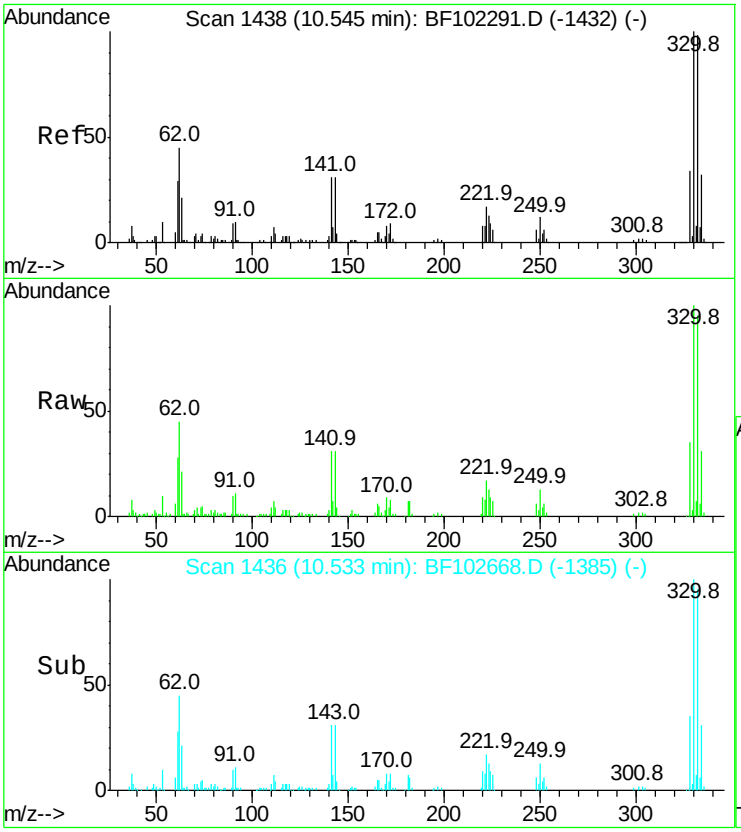


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Tgt Ion:164 Resp: 228412

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	45.3	38.3	57.5



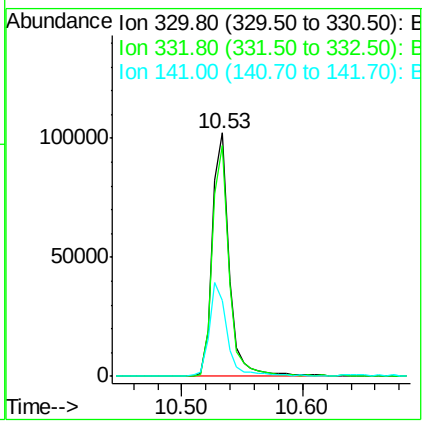


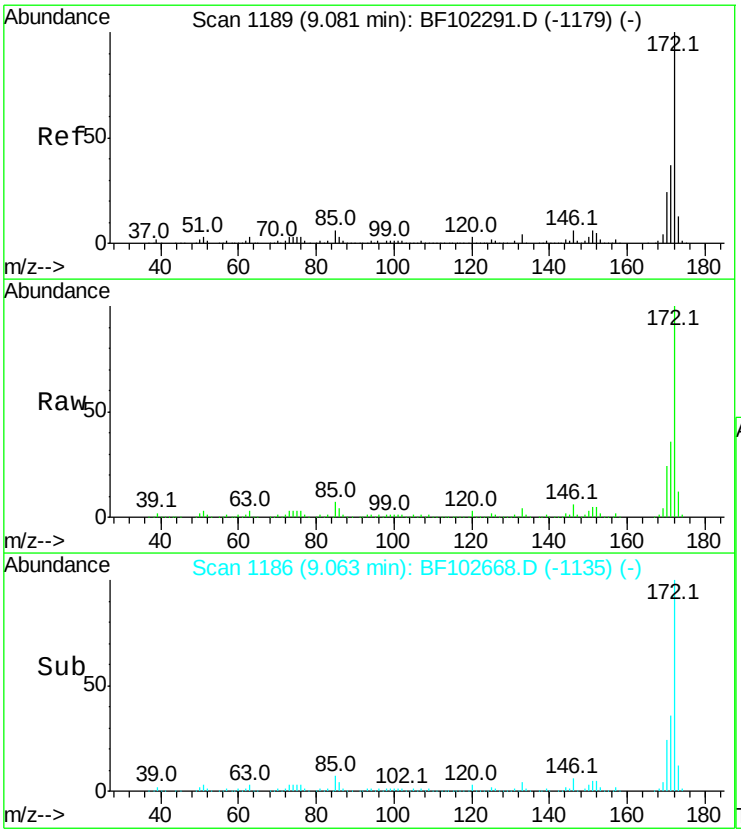
#41
2,4,6-Tribromophenol
Concen: 43.233 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 97847

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	41.5	29.9	44.9

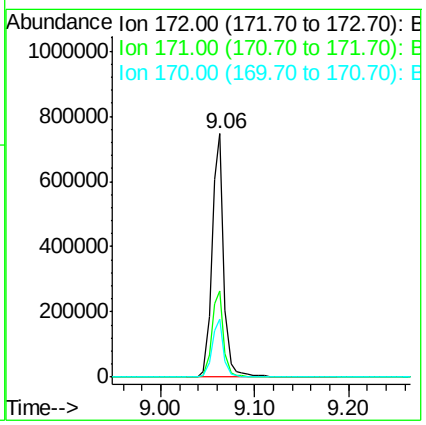


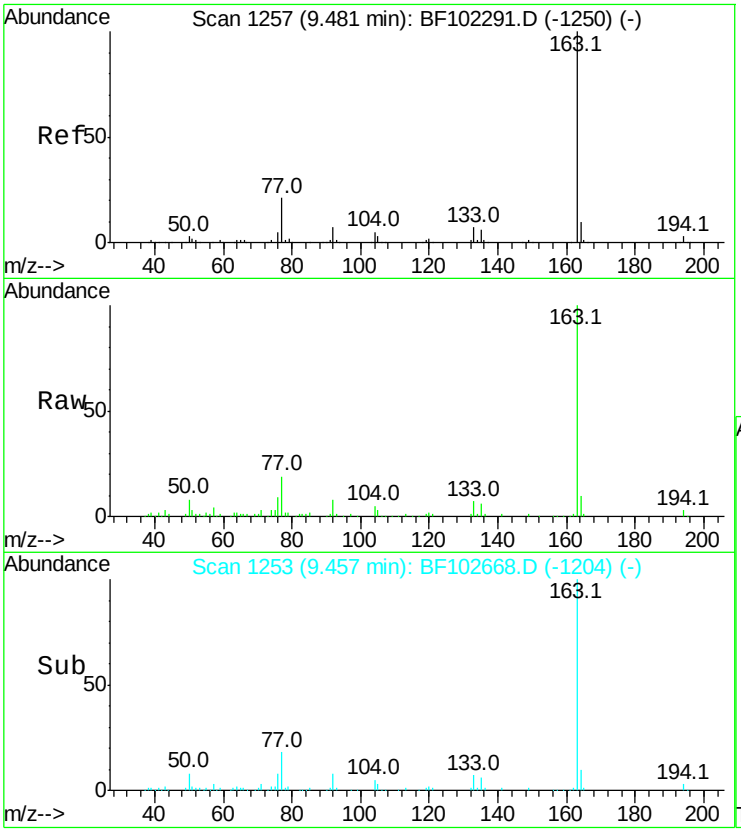


#44
2-Fluorobiphenyl
Concen: 42.533 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Tgt Ion:172 Resp: 660732

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.6	19.6	29.4



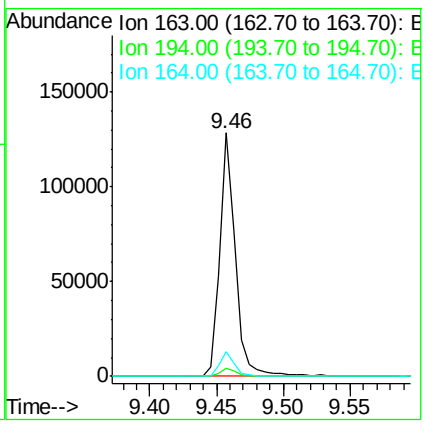


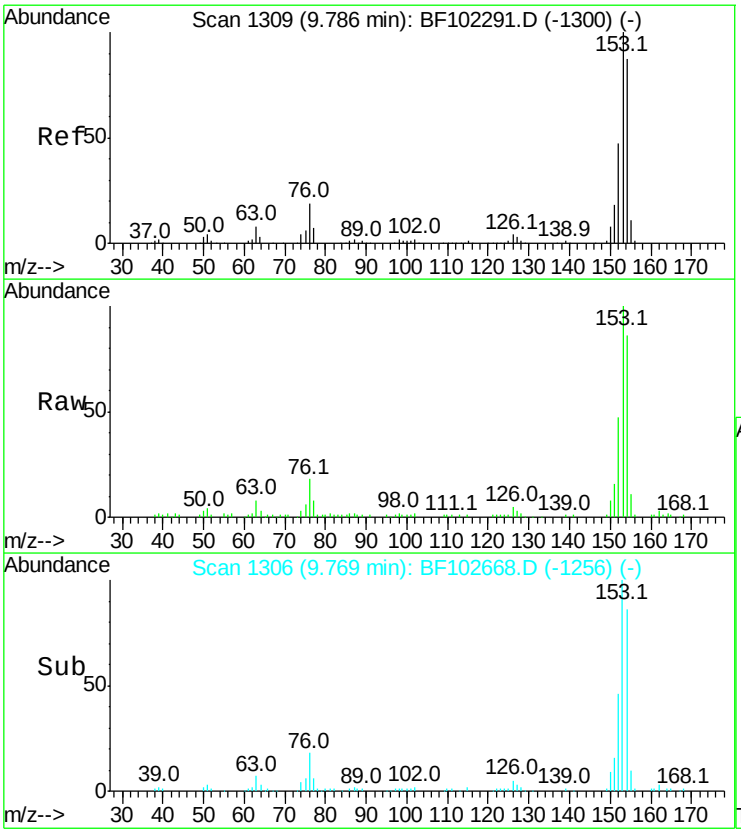
#49
Dimethylphthalate
Concen: 5.657 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 106808

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.9	8.2	12.2

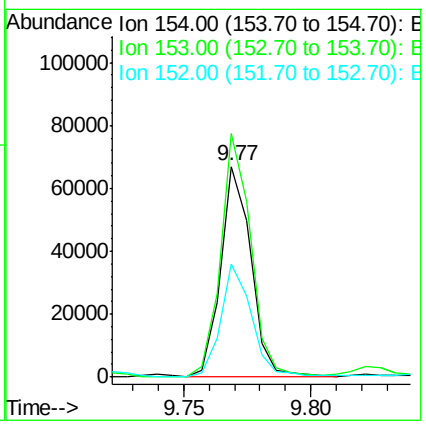


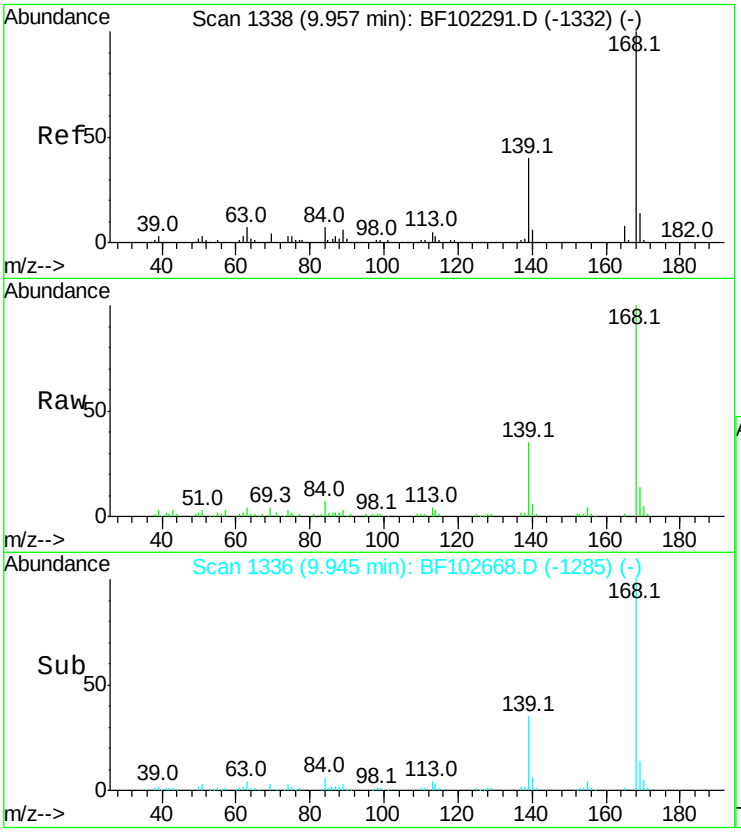


#51
Acenaphthene
Concen: 3.863 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Tgt Ion:154 Resp: 55796

Ion	Ratio	Lower	Upper
154	100		
153	115.8	91.2	136.8
152	54.0	43.8	65.8



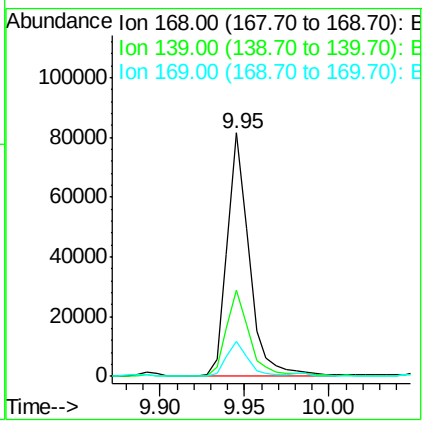


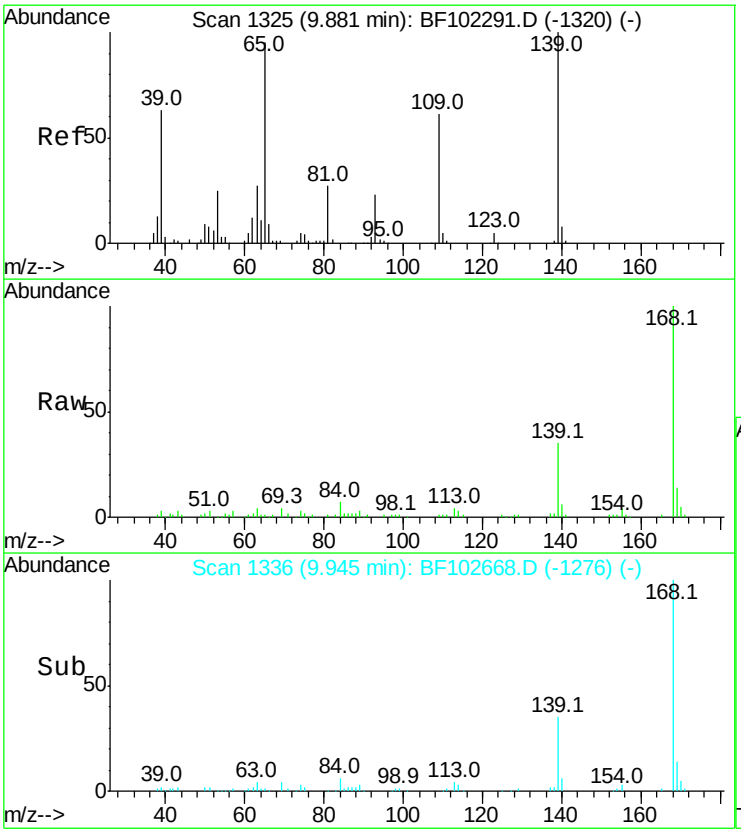
#54
Dibenzofuran
Concen: 3.809 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 74466

Ion	Ratio	Lower	Upper
168	100		
139	35.4	30.1	45.1
169	14.4	10.9	16.3

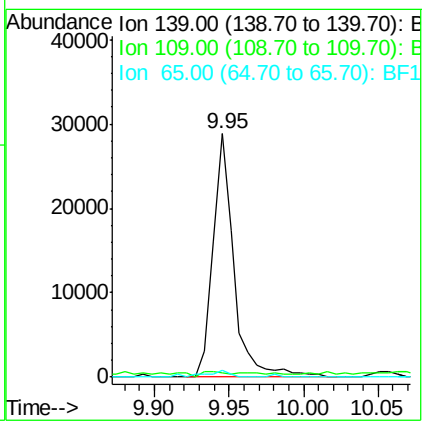


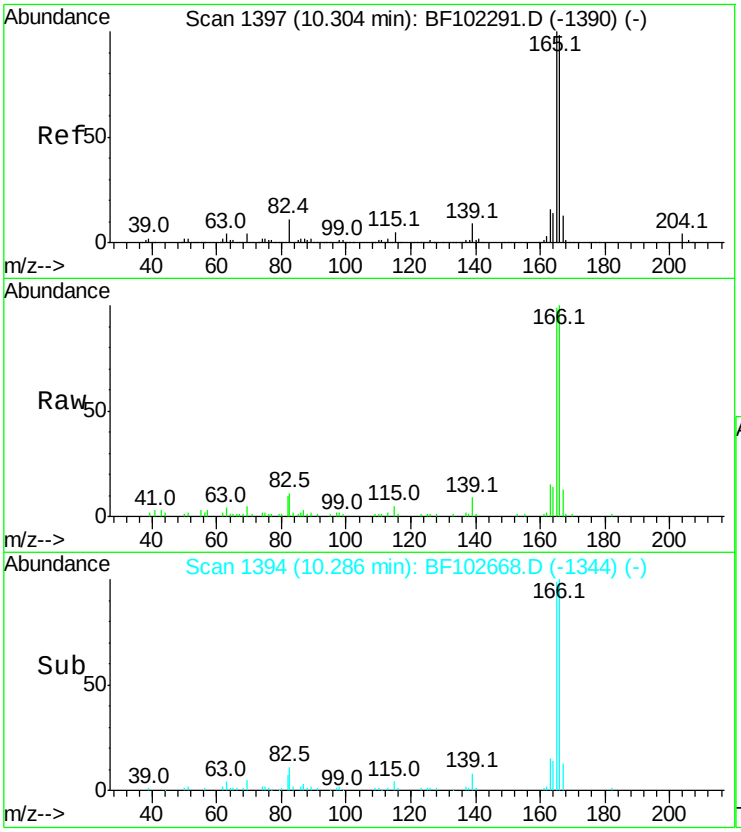


#55
4-Nitrophenol
Concen: 8.832 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.05 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Tgt Ion:139 Resp: 28073

Ion	Ratio	Lower	Upper
139	100		
109	1.7	48.4	88.4#
65	2.9	72.6	112.6#



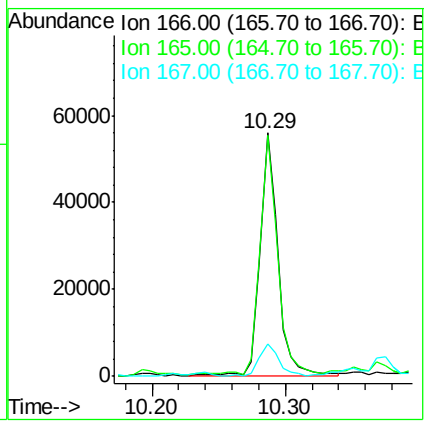


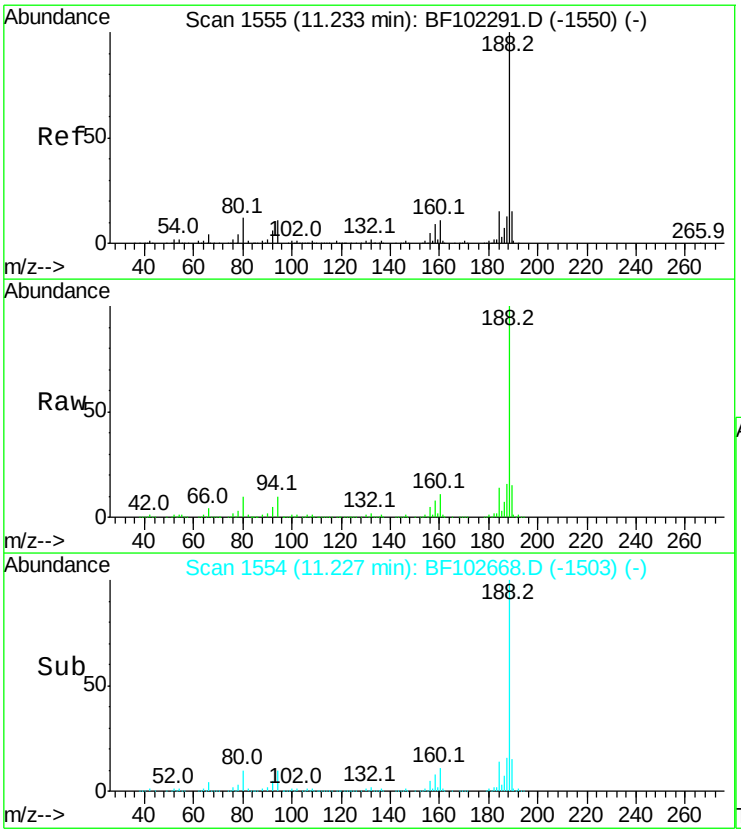
#57
Fluorene
Concen: 3.354 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 51957

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	13.2	10.6	16.0

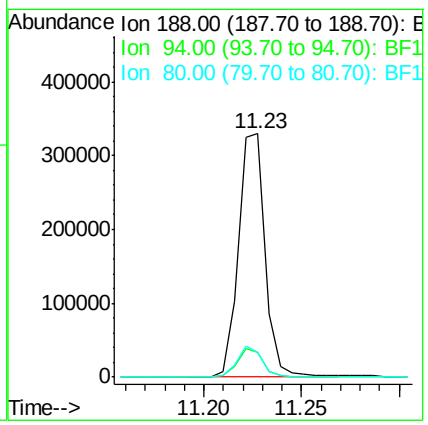


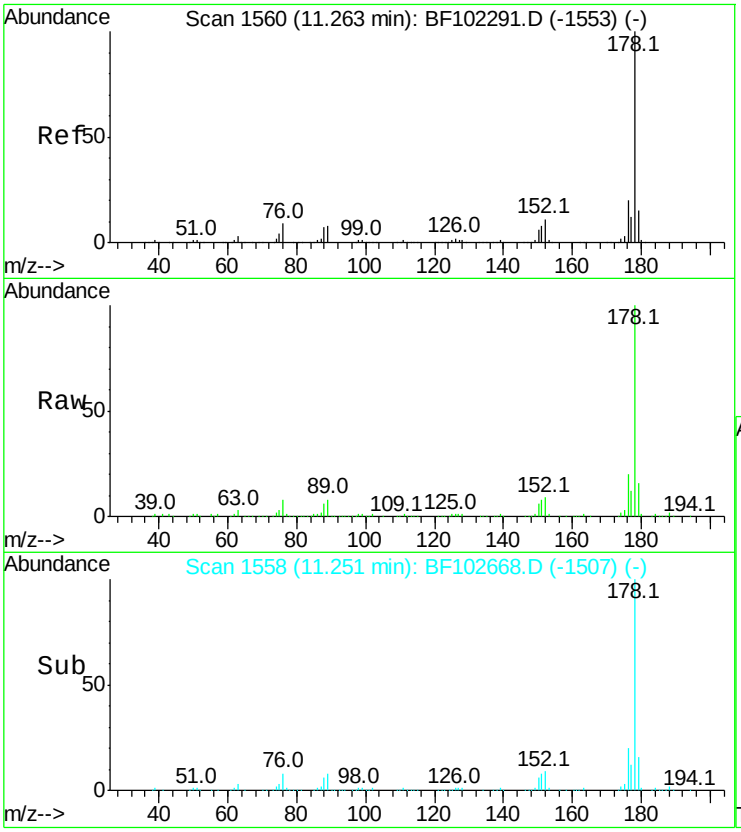


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Tgt Ion:188 Resp: 311310

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.2	9.2	13.8



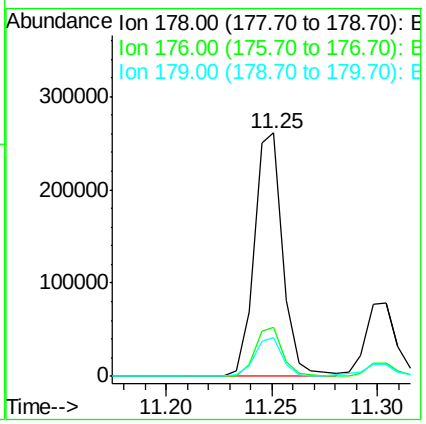


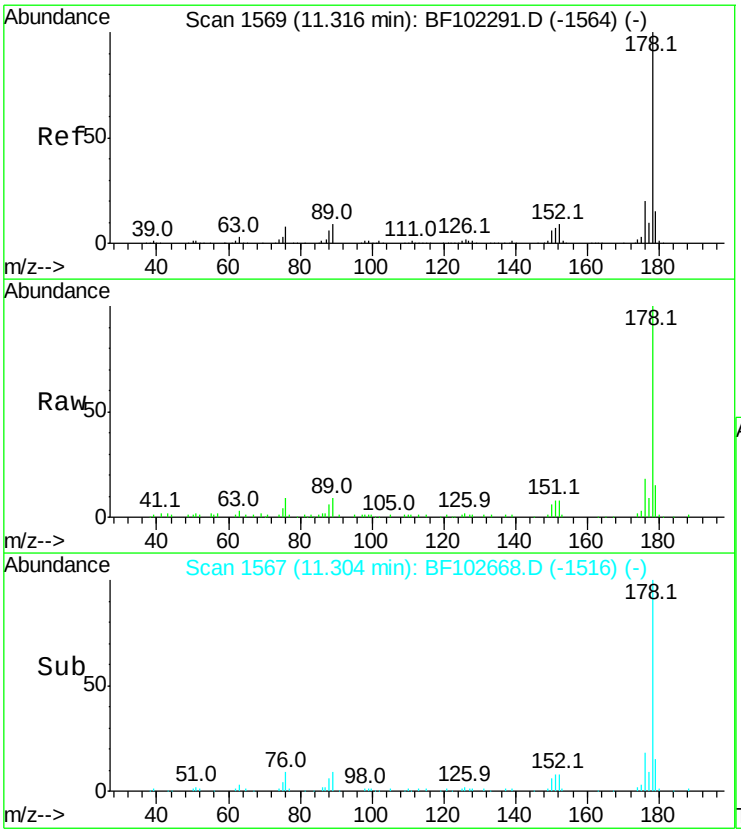
#70
Phenanthrene
Concen: 13.576 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 246287

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.9	13.0	19.6

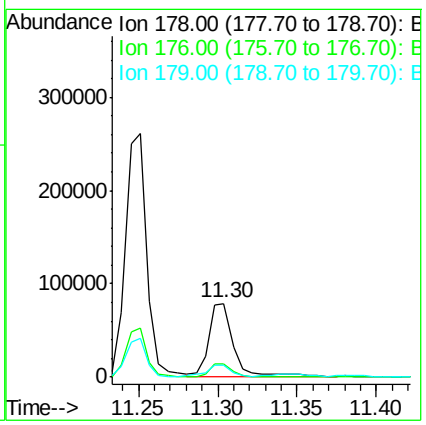


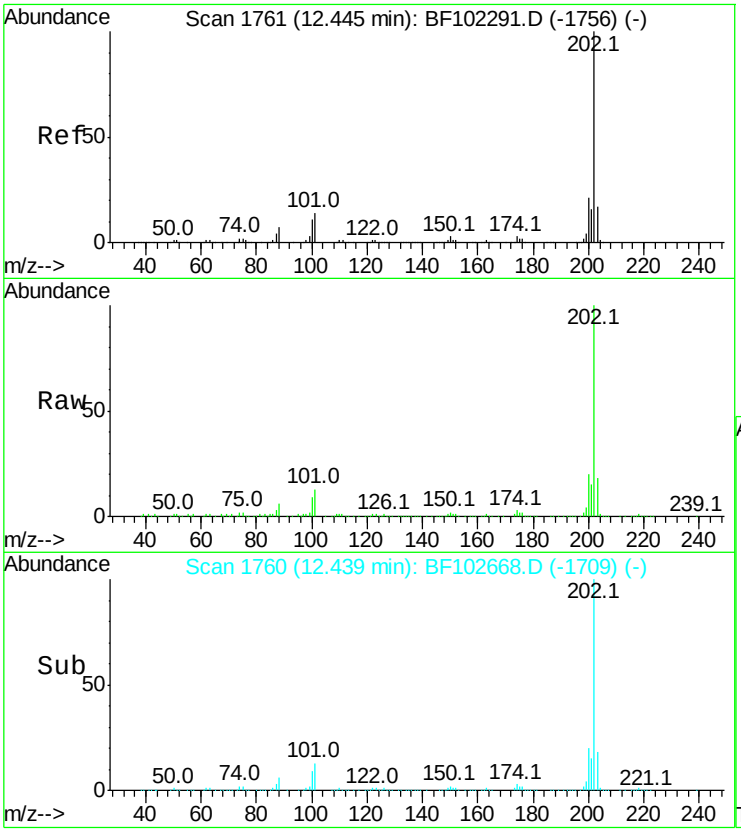


#71
Anthracene
Concen: 4.492 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Tgt Ion:178 Resp: 83174

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.4	12.6	19.0



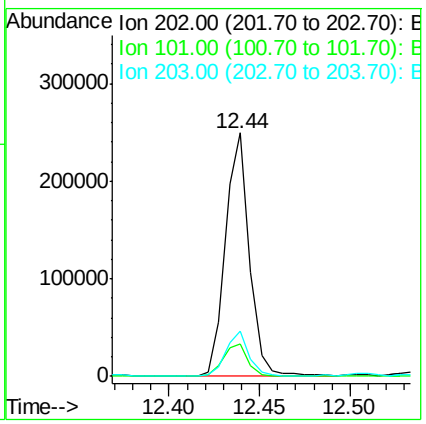


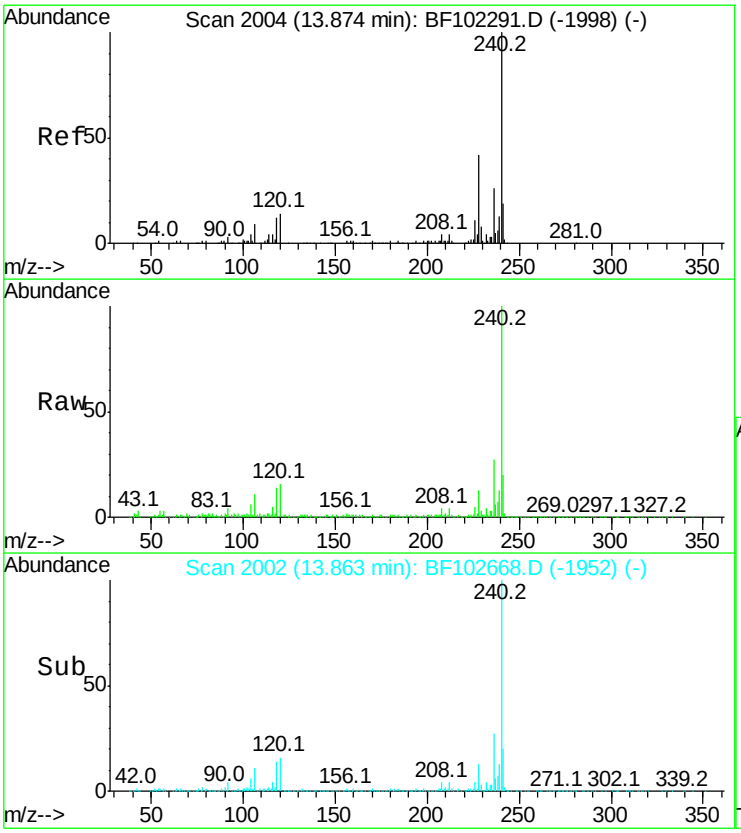
#74
Fluoranthene
Concen: 12.342 ng
RT: 12.44 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 228323

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	18.4	0.0	38.1

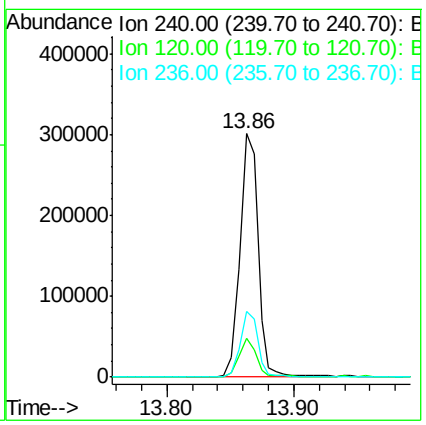


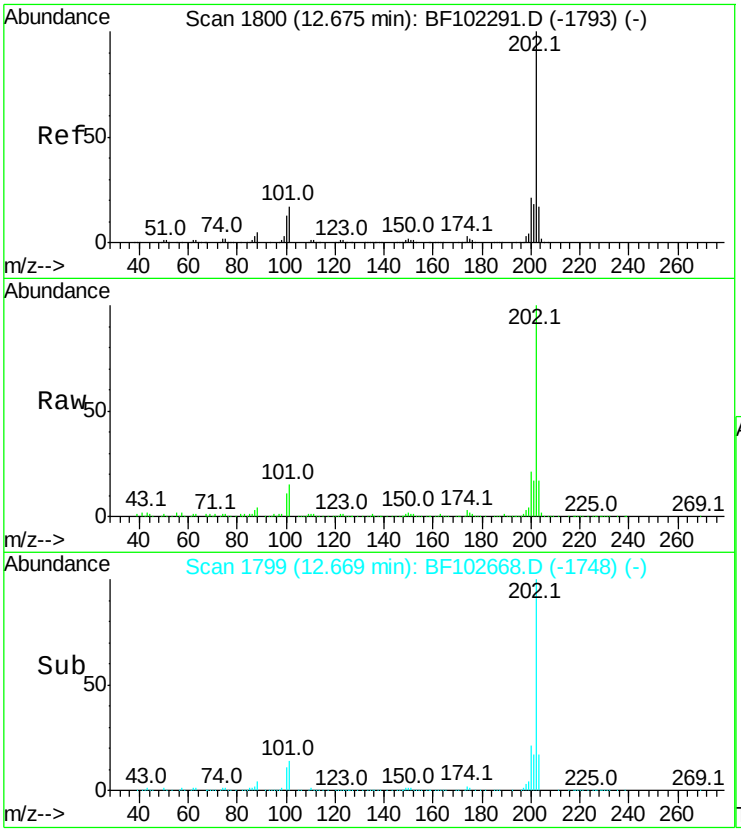


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Tgt Ion:240 Resp: 298310

Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	26.8	20.7	31.1



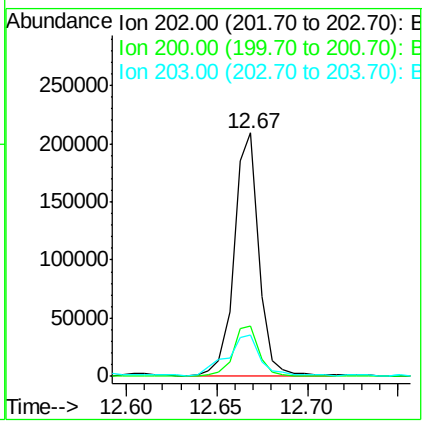


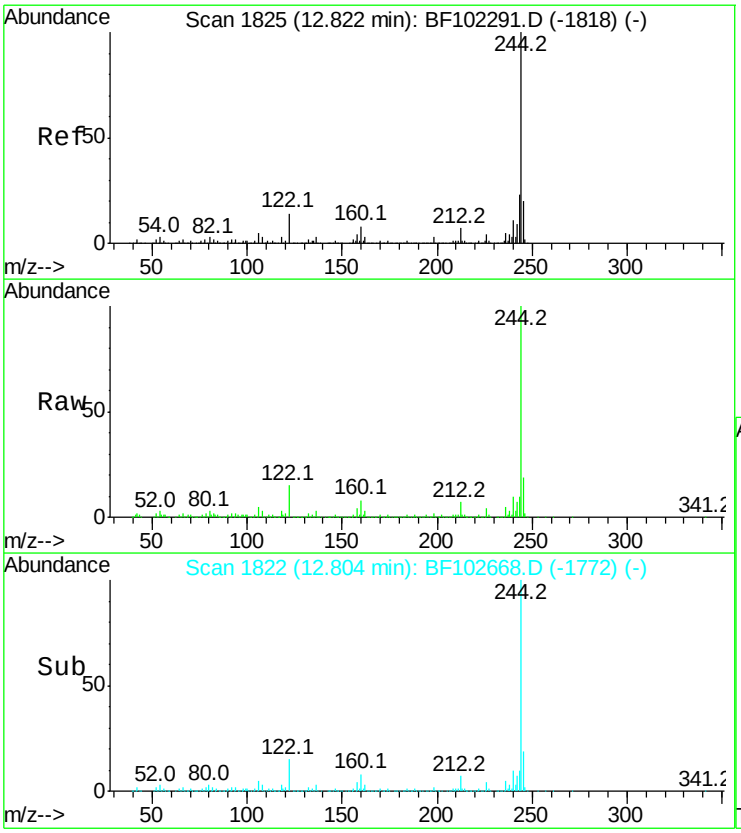
#77
Pyrene
Concen: 8.551 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.00 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 197215

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.2	14.3	21.5

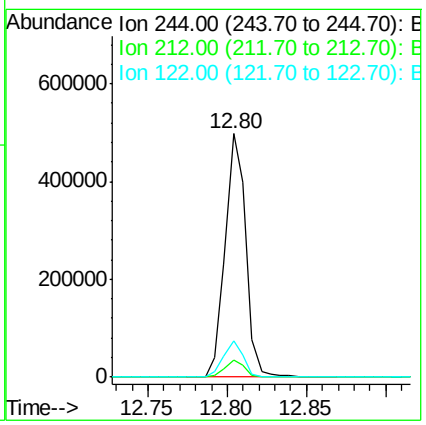


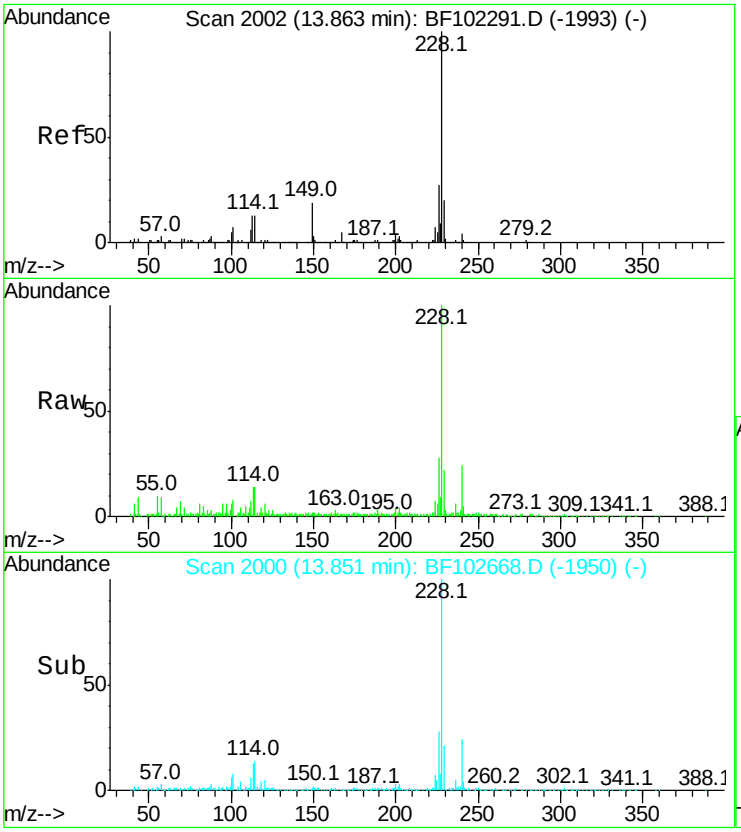


#78
Terphenyl-d14
Concen: 34.047 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Tgt Ion:244 Resp: 450531

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	15.0	11.0	16.4



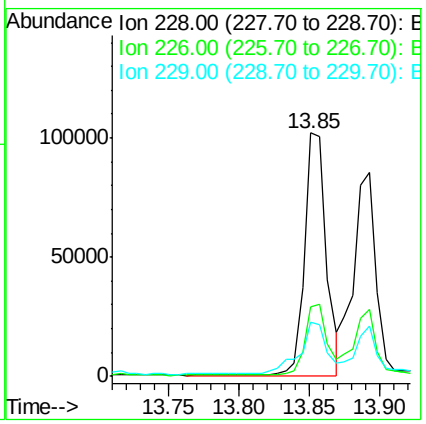


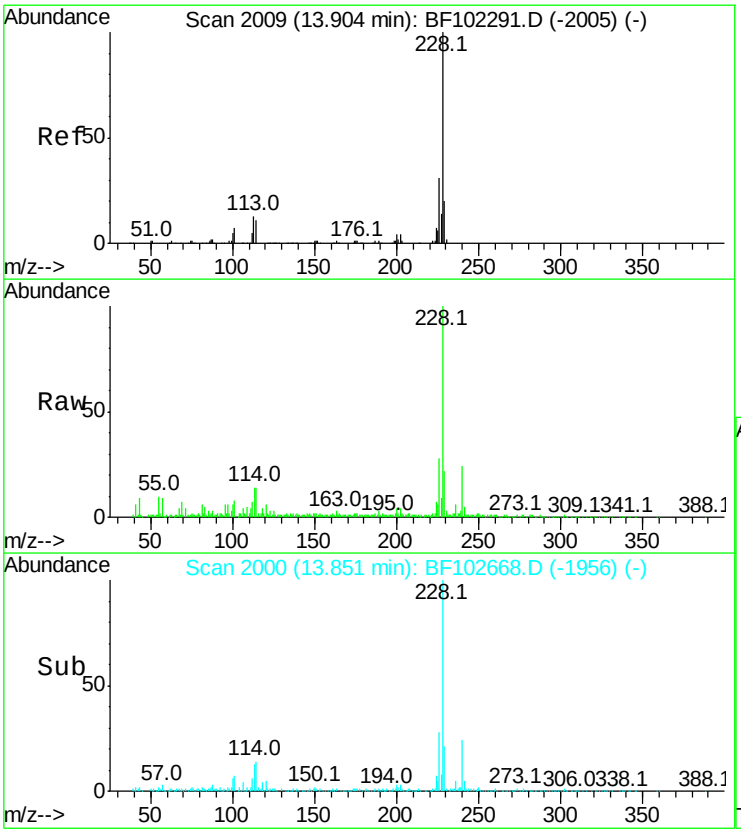
#80
Benzo(a)anthracene
Concen: 5.903 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 108411

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	22.2	15.8	23.6

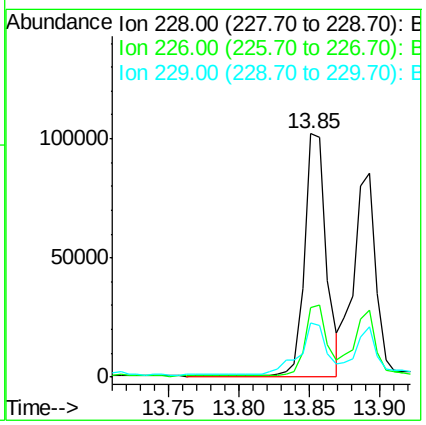


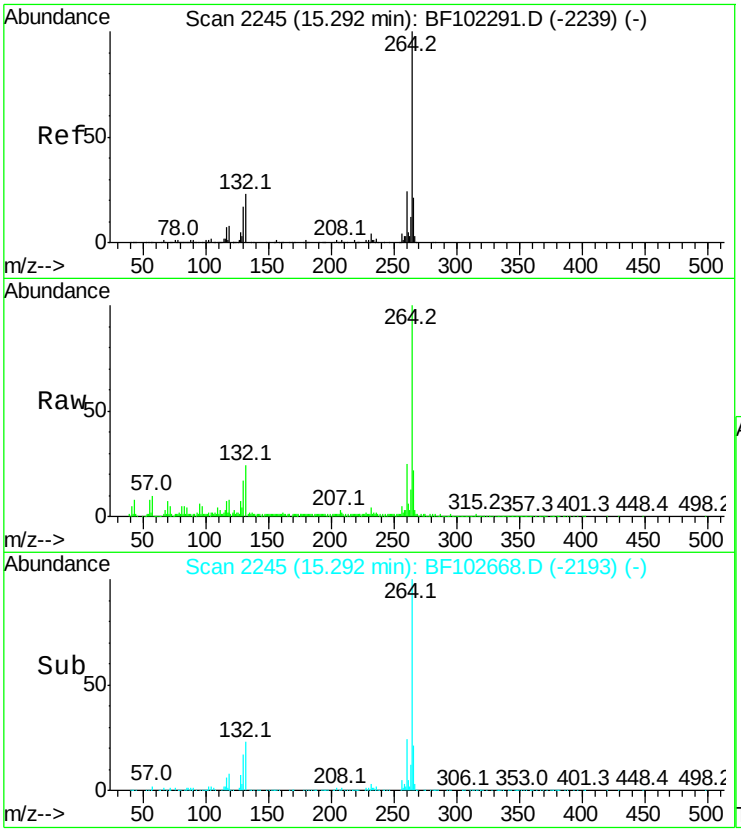


#82
Chrysene
Concen: 5.813 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.04 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Tgt Ion:228 Resp: 108411

Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.0	37.6
229	22.2	16.2	24.4



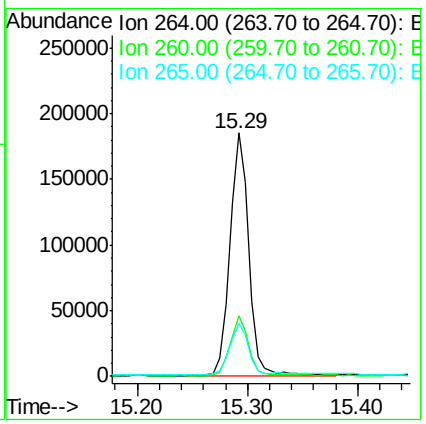


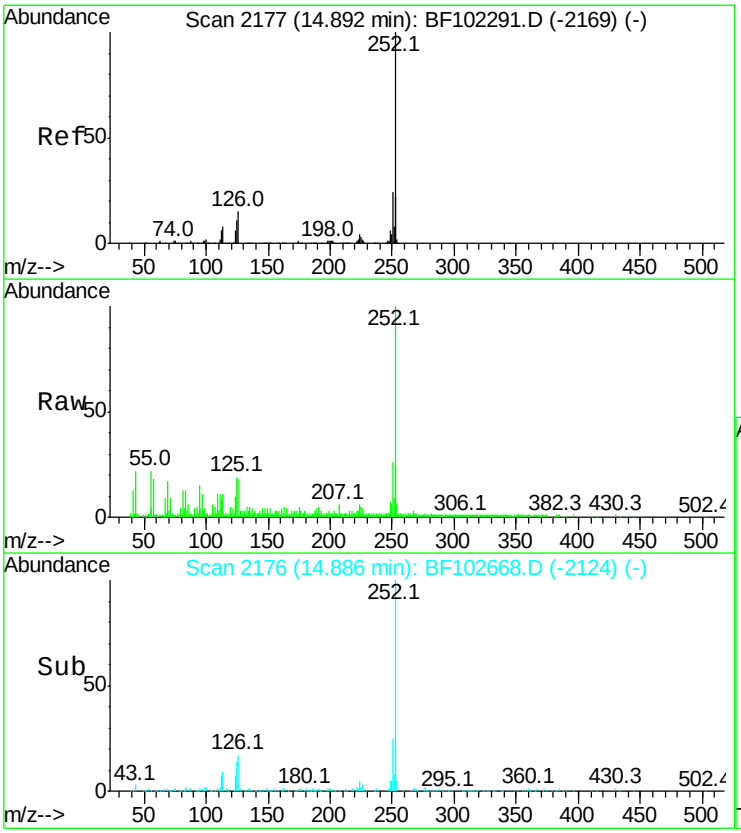
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 220258

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.5	17.5	26.3

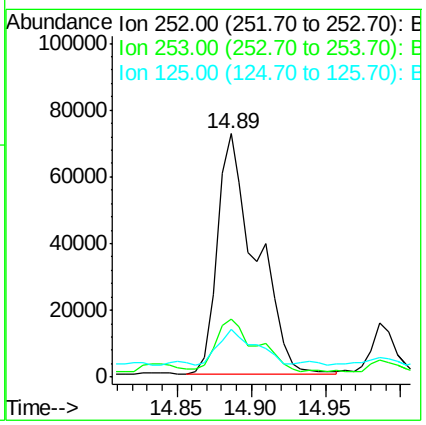


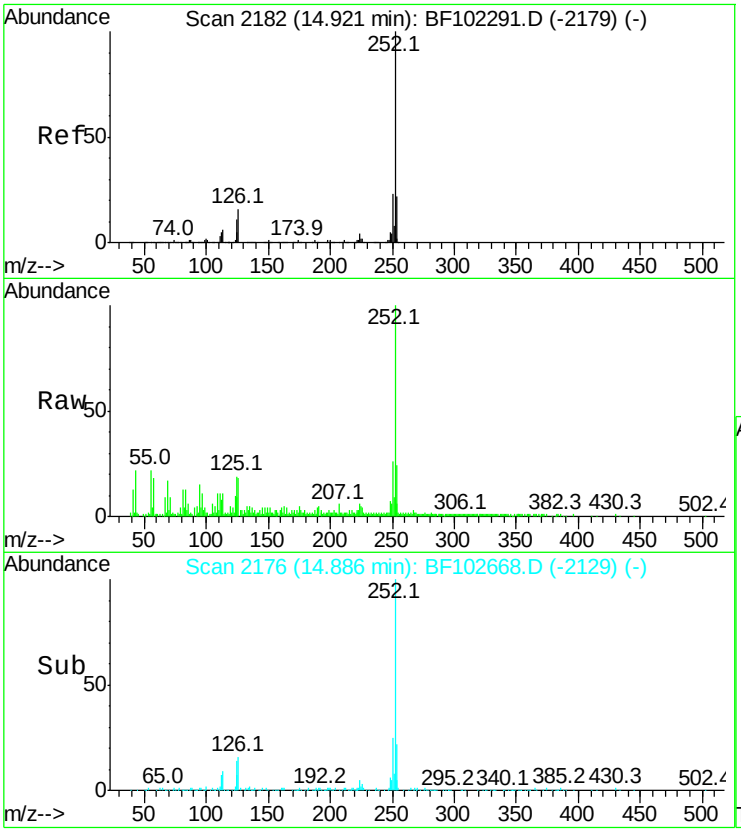


#87
Benzo(b)fluoranthene
Concen: 9.090 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Tgt Ion:252 Resp: 129762

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	19.5	9.0	13.6#



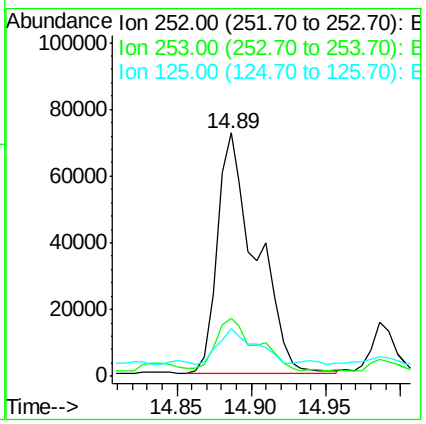


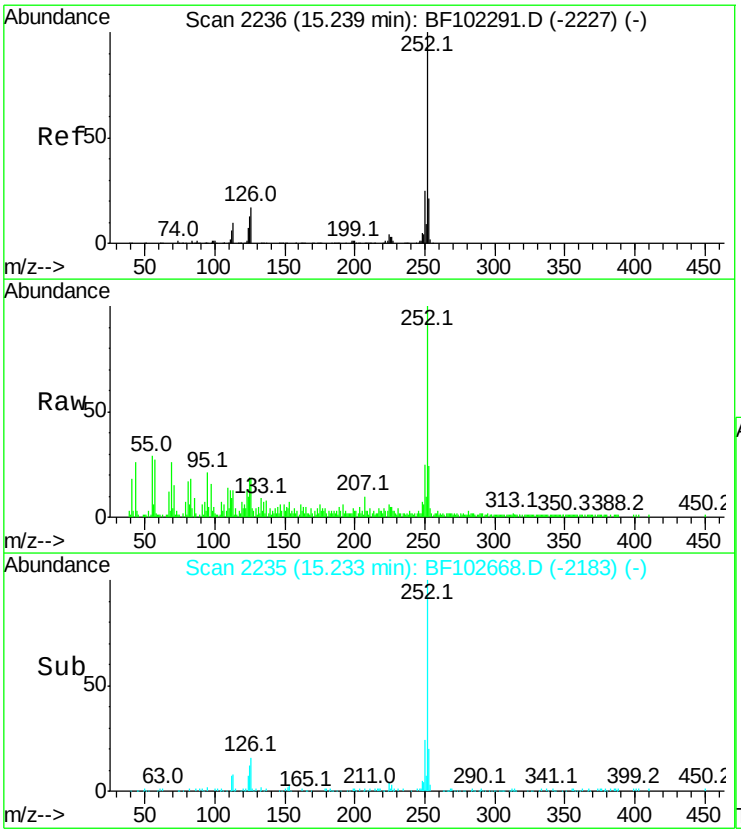
#88
Benzo(k)fluoranthene
Concen: 9.621 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 129762

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	19.5	10.2	15.2#

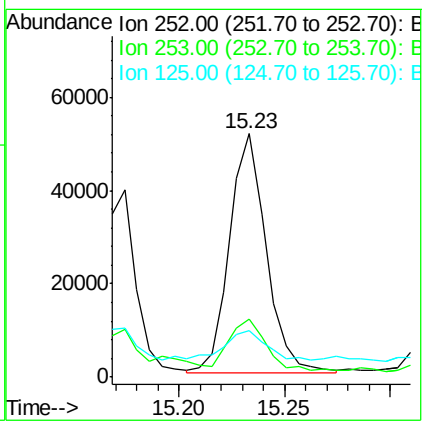


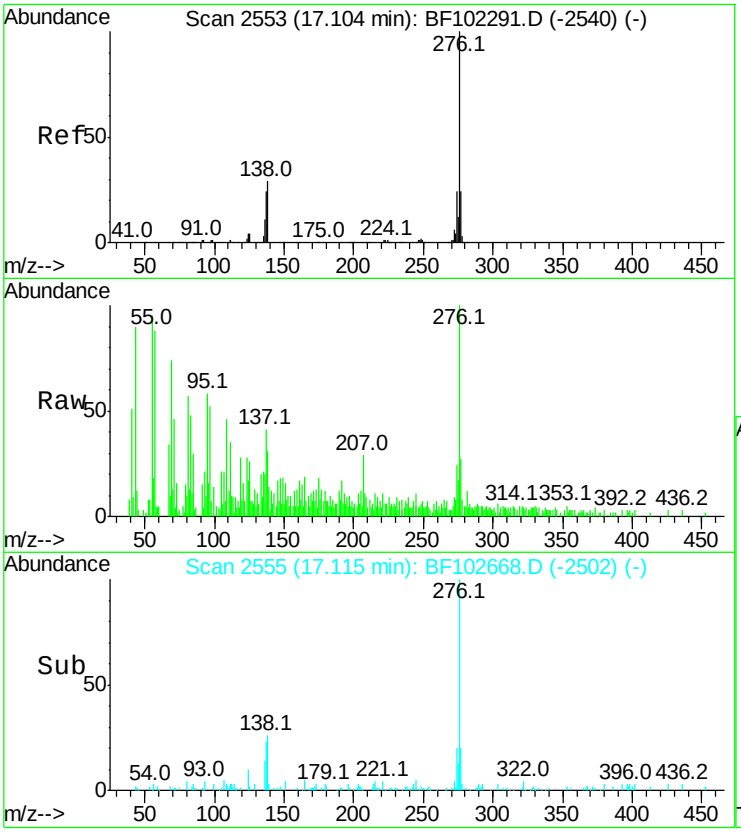


#89
Benzo(a)pyrene
Concen: 4.795 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Tgt Ion:252 Resp: 61735

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	19.3	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.662 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.01 min
Lab File: BF102668.D
Acq: 31 Jan 2018 21:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 27417

Ion	Ratio	Lower	Upper
276	100		
277	27.2	17.9	26.9#
138	31.3	21.8	32.8