Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102757.D
Acq On : 6 Feb 2018 00:50
Operator : SJ/JU
Sample : J1447-01 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 06 02:37:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	218511	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	873686	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	382433	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	583330	20.00	ng		0.00
75) Chrysene-d12	14.04	240	334730	20.00	ng		0.00
86) Perylene-d12	15.52	264	339636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	78681	5.47	ng		-0.01
7) Phenol-d6	6.49	99	93542	5.40	ng		-0.02
23) Nitrobenzene-d5	7.43	82	52729	4.19	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	13535	4.40	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	70590	3.06	ng		-0.01
78) Terphenyl-d14	12.99	244	40417	2.86	ng		-0.01
Target Compounds							Qvalue
24) Nitrobenzene	7.43	77	128	Below Cal		#	38
31) Naphthalene	8.18	128	251705	5.897	ng		100
32) Benzoic acid	7.93	122	833	8.636	ng	#	20
47) 2-Nitroaniline	9.49	65	265	3.504	ng	#	2
48) Acenaphthylene	9.77	152	197469	5.014	ng		98
50) 2,6-Dinitrotoluene	9.92	165	49696	8.760	ng	#	26
54) Dibenzofuran	10.12	168	83114	2.504	ng		98
55) 4-Nitrophenol	10.12	139	30738	9.113	ng	#	11
56) 2,4-Dinitrotoluene	9.92	165	49696	9.189	ng	#	23
57) Fluorene	10.46	166	103394	4.281	ng		100
64) 4,6-Dinitro-2-methylphenol	10.73	198	340	8.922	ng	#	19
70) Phenanthrene	11.43	178	1130553	34.799	ng		99
71) Anthracene	11.48	178	476264	14.413	ng		99
72) Carbazole	11.63	167	140761	4.348	ng		99
74) Fluoranthene	12.62	202	1603650	49.062	ng		99
77) Pyrene	12.85	202	1268282	48.319	ng		99
80) Benzo(a)anthracene	14.07	228	481352	22.866	ng		95
82) Chrysene	14.07	228	481352	22.683	ng		98
85) Indeno(1,2,3-cd)pyrene	17.00	276	238053	13.526	ng		96
87) Benzo(b)fluoranthene	15.09	252	913588	41.489	ng	#	96
88) Benzo(k)fluoranthene	15.09	252	913588	43.422	ng		99
89) Benzo(a)pyrene	15.46	252	456488	23.031	ng		97
90) Dibenzo(a,h)anthracene	17.02	278	57338	3.564	ng		95
91) Benzo(g,h,i)perylene	17.45	276	198732	12.621	ng		98

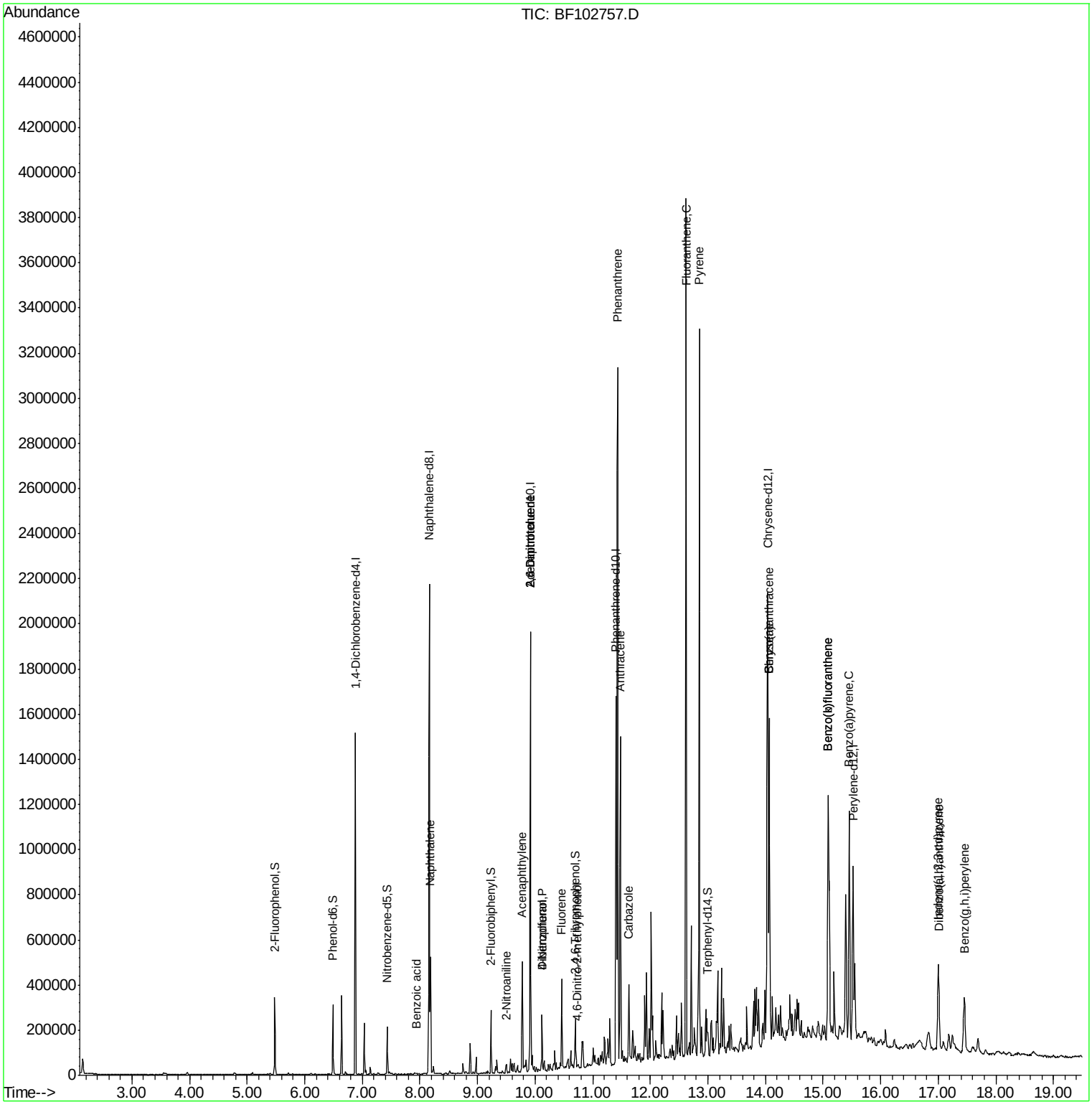
(#) = qualifier out of range (m) = manual integration (+) = signals summed

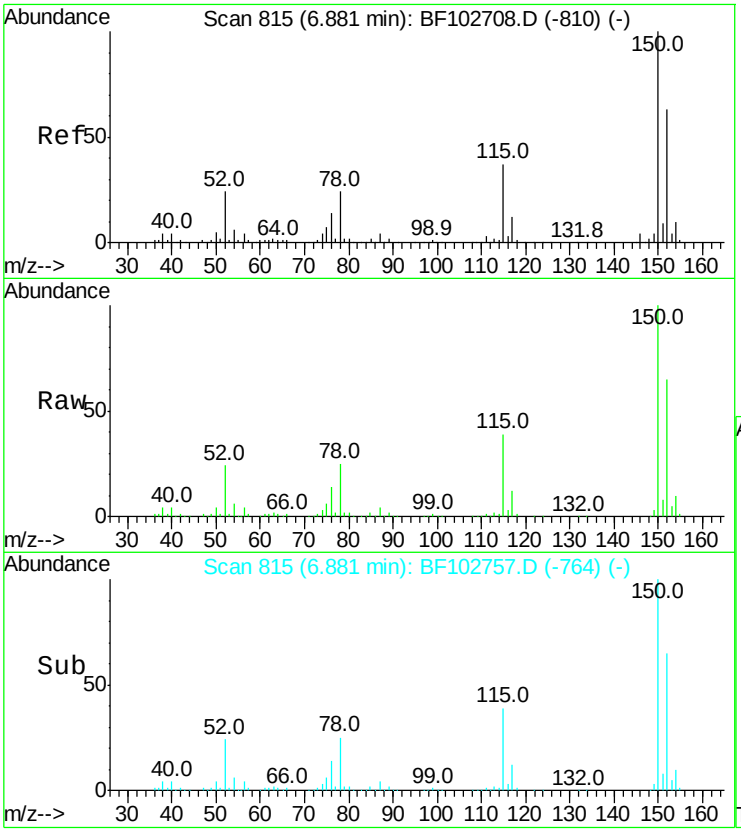
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102757.D
Acq On : 6 Feb 2018 00:50
Operator : SJ/JU
Sample : J1447-01 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 06 02:37:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration



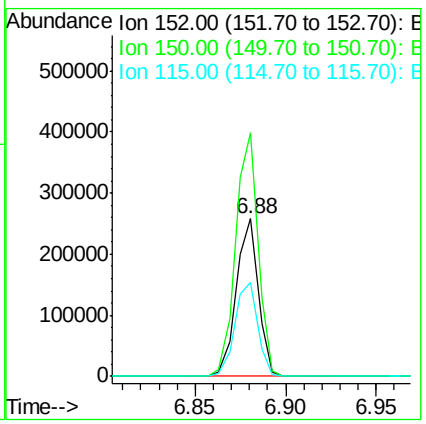


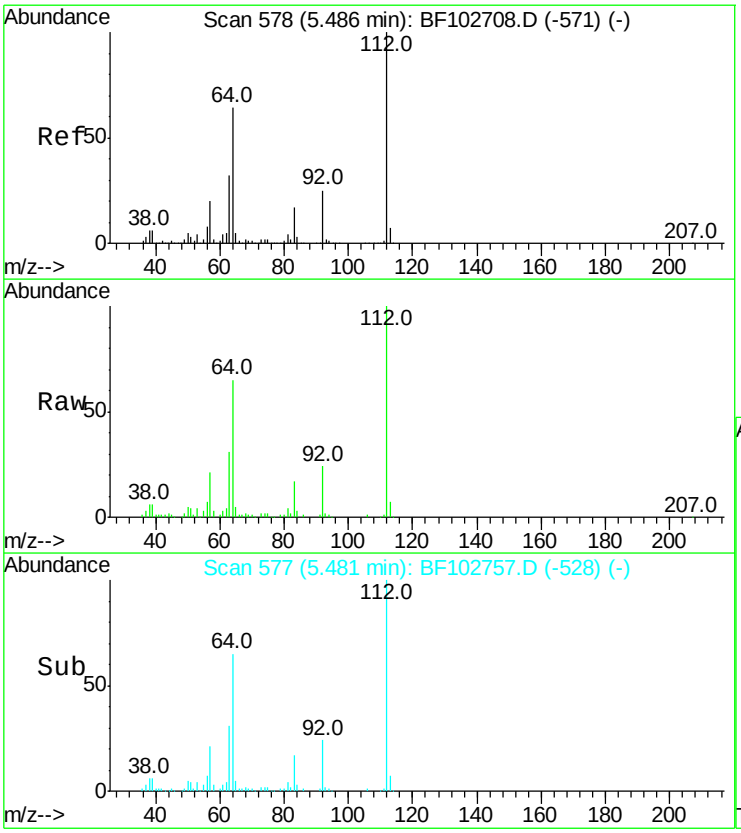
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 218511

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	59.5	50.1	75.1

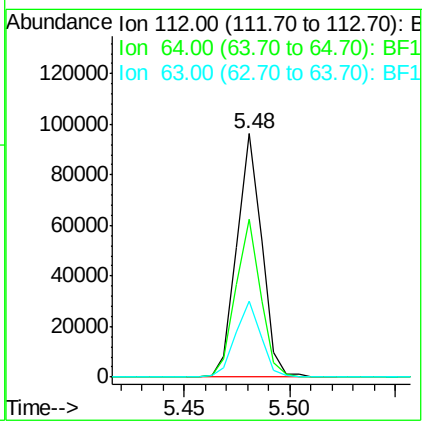


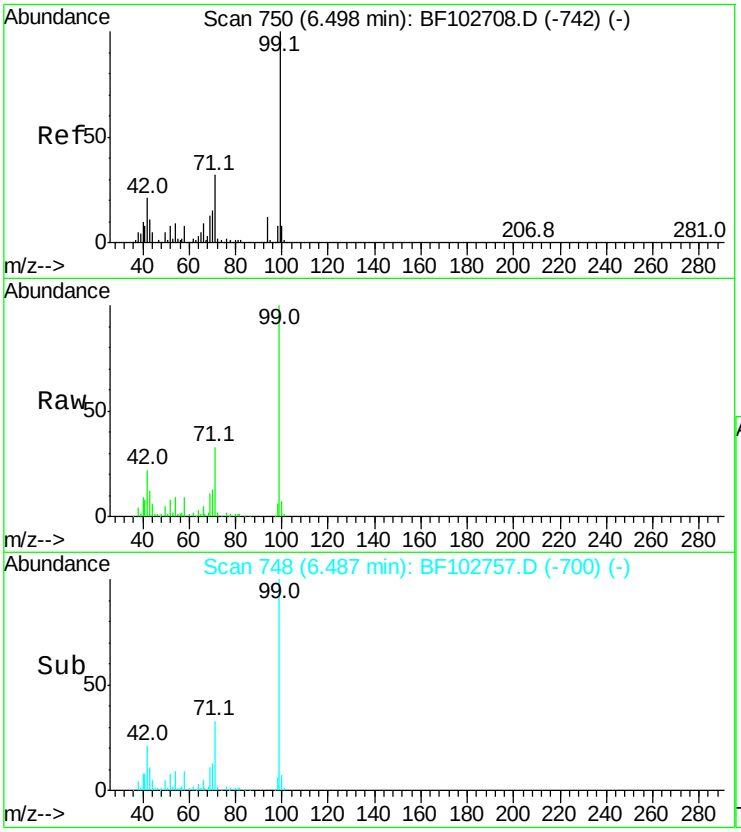


#5
2-Fluorophenol
Concen: 5.468 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:112 Resp: 78681

Ion	Ratio	Lower	Upper
112	100		
64	64.6	47.9	71.9
63	31.3	23.7	35.5



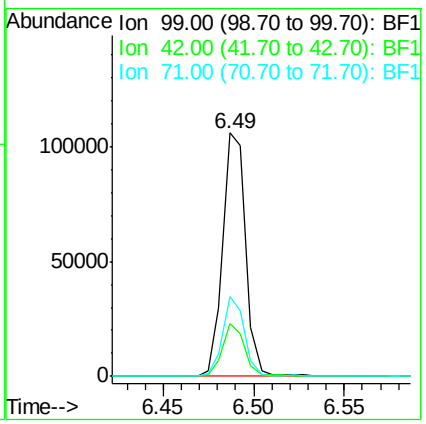


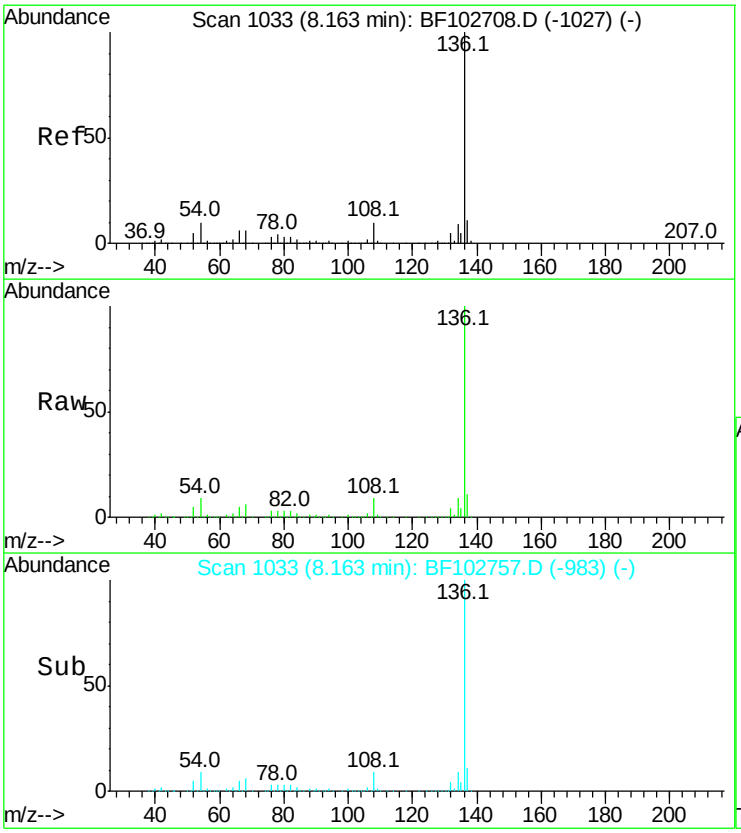
#7
Phenol-d6
Concen: 5.399 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 93542

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	32.7	25.4	38.0

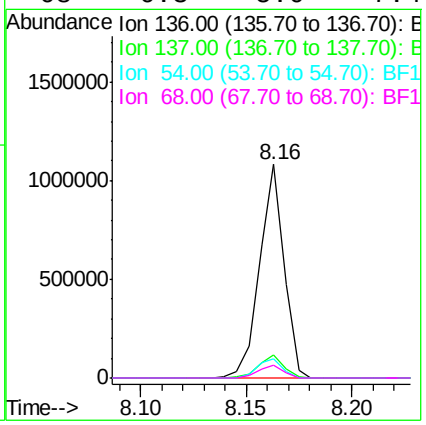


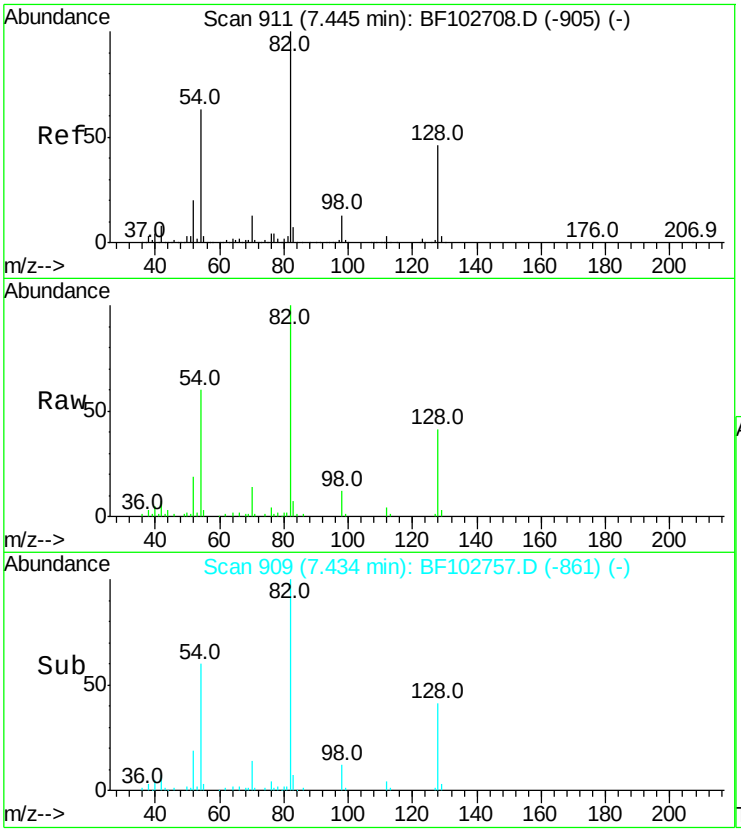


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:136 Resp: 873686

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.2	6.6	9.8
68	6.3	5.0	7.4



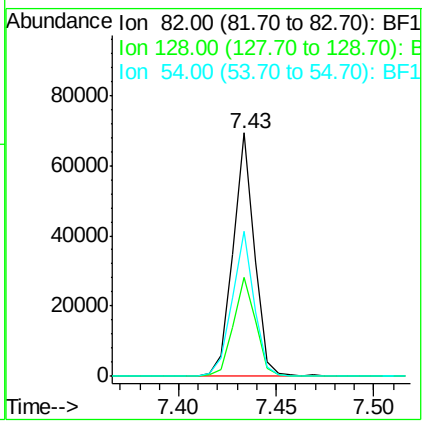


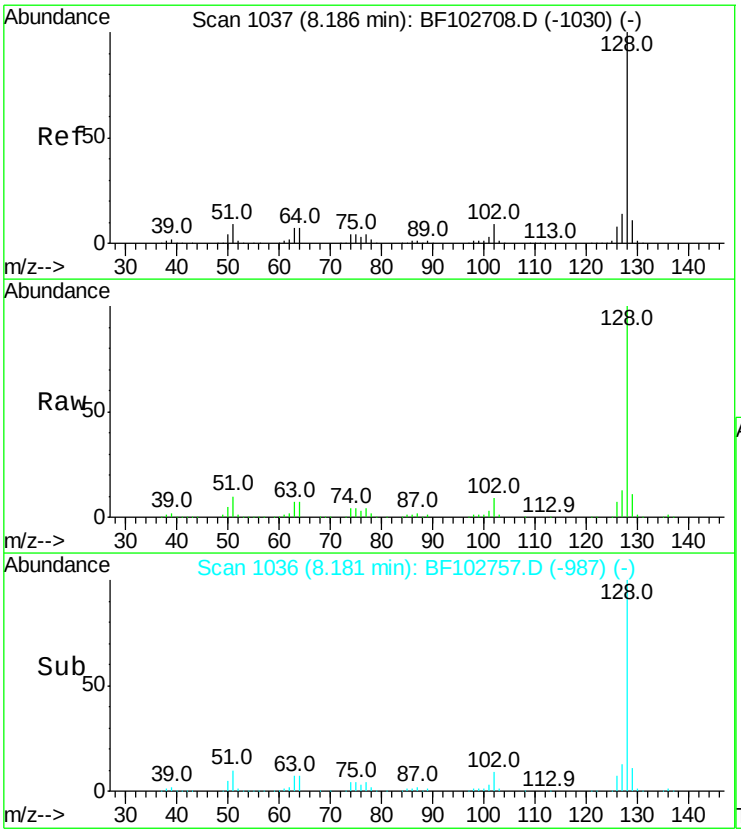
#23
Nitrobenzene-d5
Concen: 4.187 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 52729

Ion	Ratio	Lower	Upper
82	100		
128	40.6	36.1	54.1
54	59.8	41.4	62.2

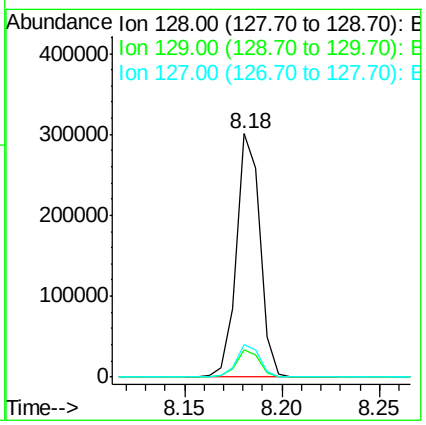


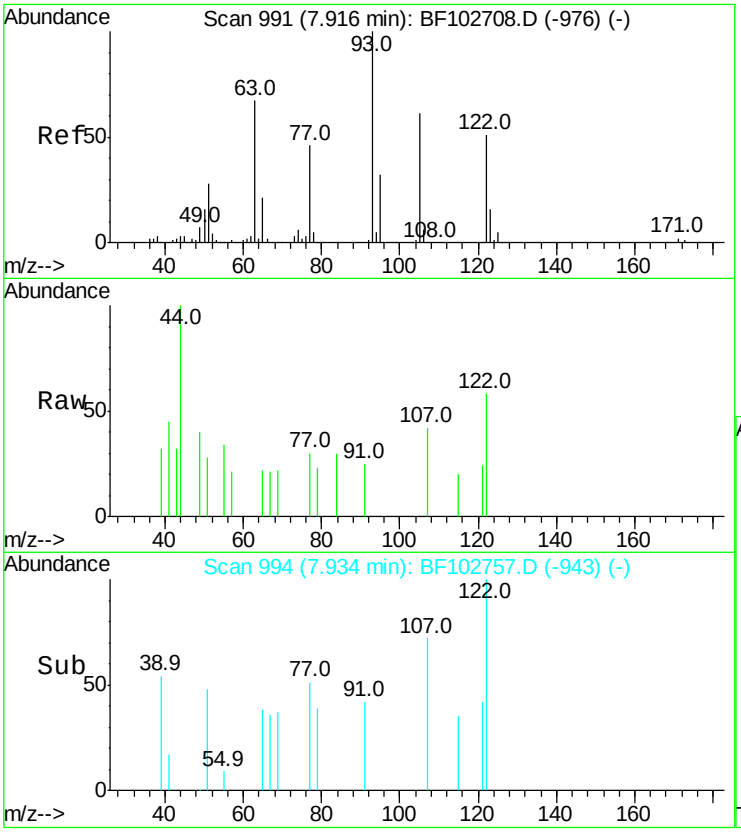


#31
Naphthalene
Concen: 5.897 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:128 Resp: 251705

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.4	10.9	16.3



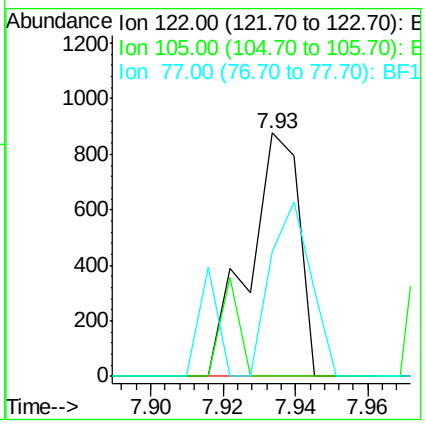


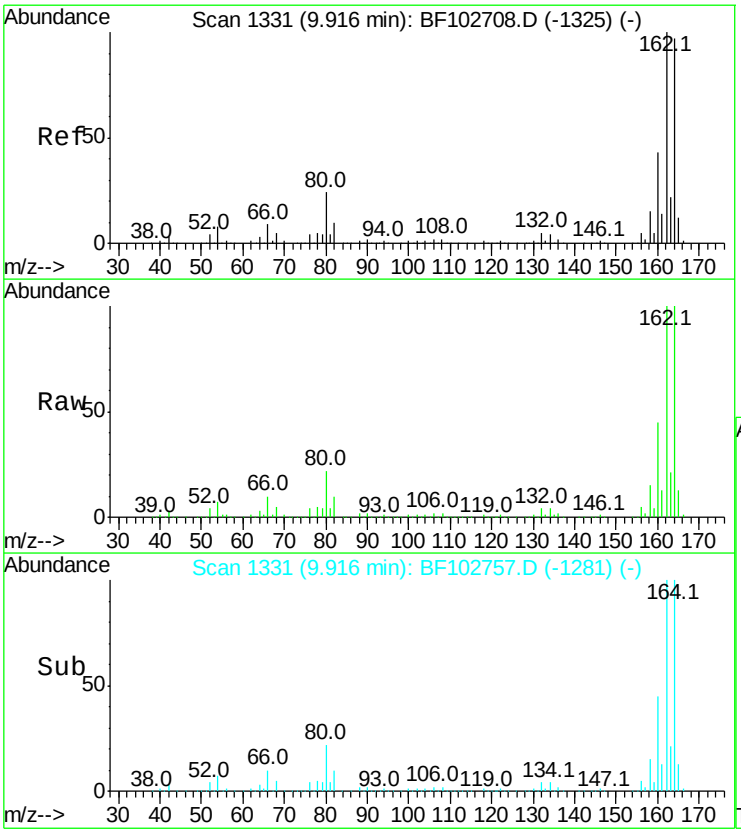
#32
Benzoic acid
Concen: 8.636 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 833

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	51.0	70.7	110.7#

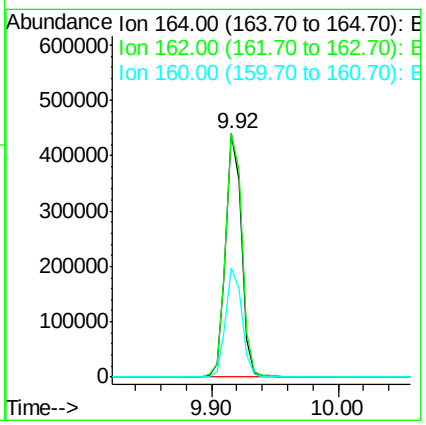


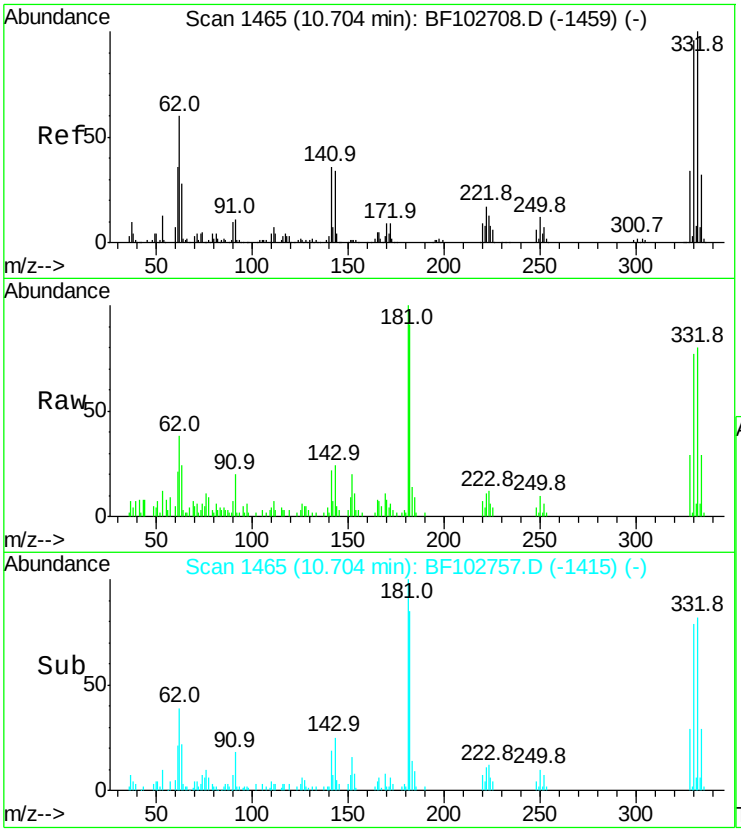


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:164 Resp: 382433

Ion	Ratio	Lower	Upper
164	100		
162	100.1	86.1	129.1
160	45.0	38.3	57.5



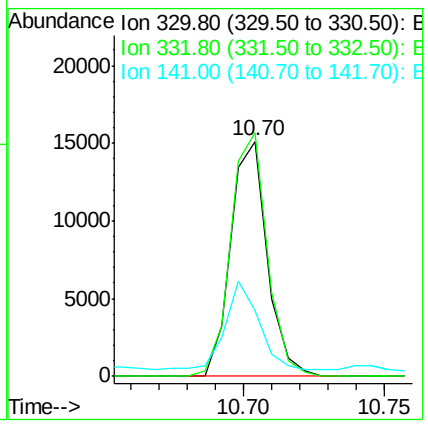


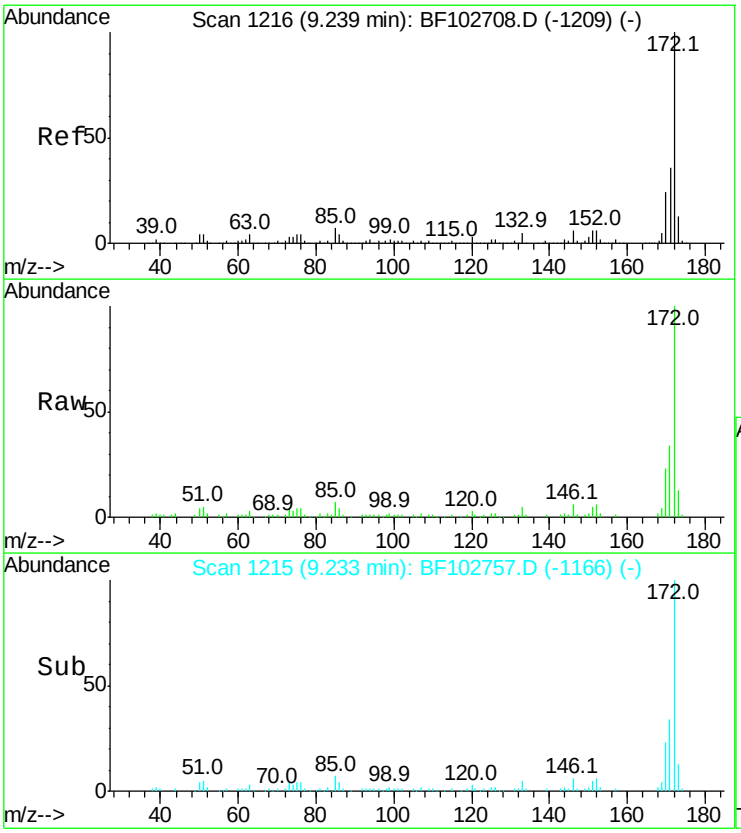
#41
2,4,6-Tribromophenol
Concen: 4.397 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 13535

Ion	Ratio	Lower	Upper
330	100		
332	103.9	77.0	115.6
141	35.2	29.9	44.9

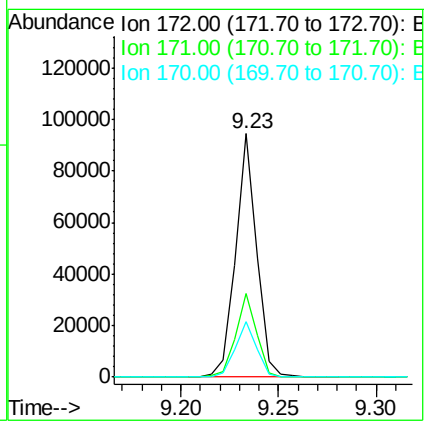


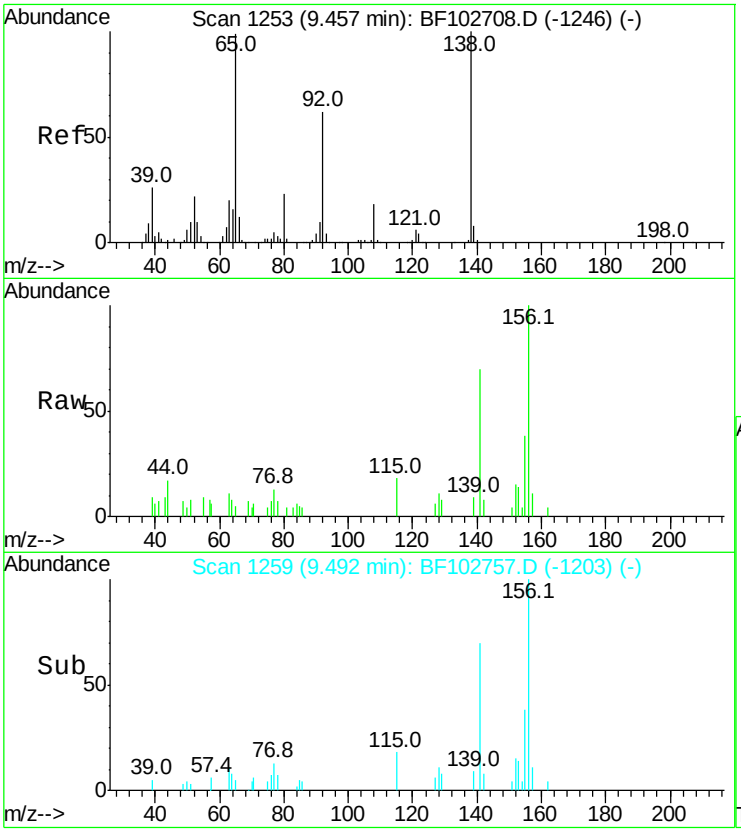


#44
2-Fluorobiphenyl
Concen: 3.063 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:172 Resp: 70590

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.7	44.5
170	22.6	19.6	29.4



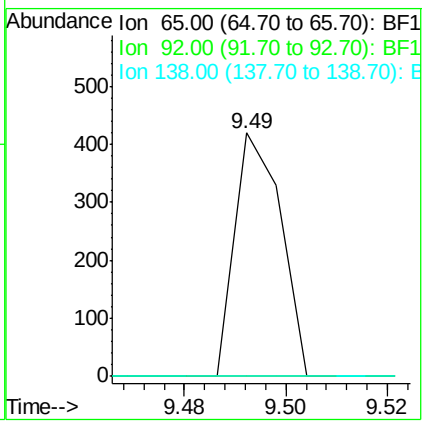


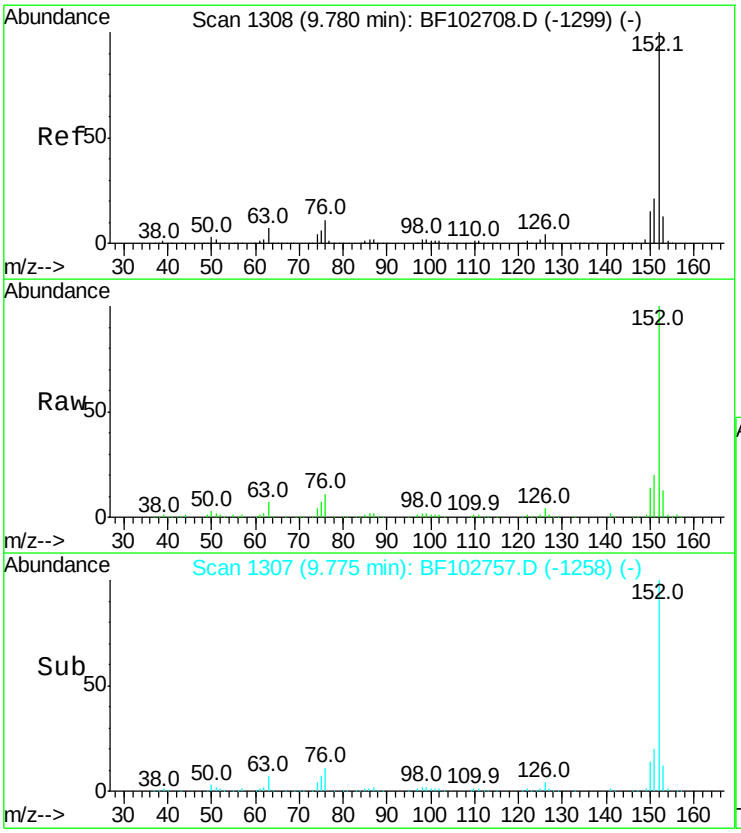
#47
2-Nitroaniline
Concen: 3.504 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.03 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 265

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#

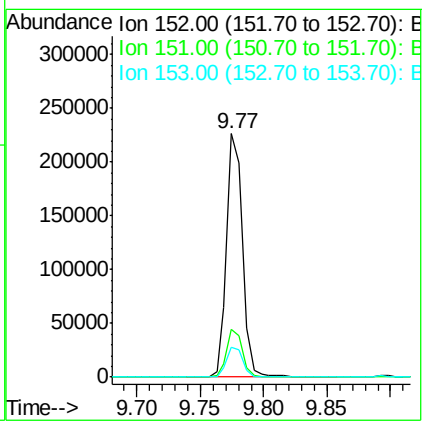


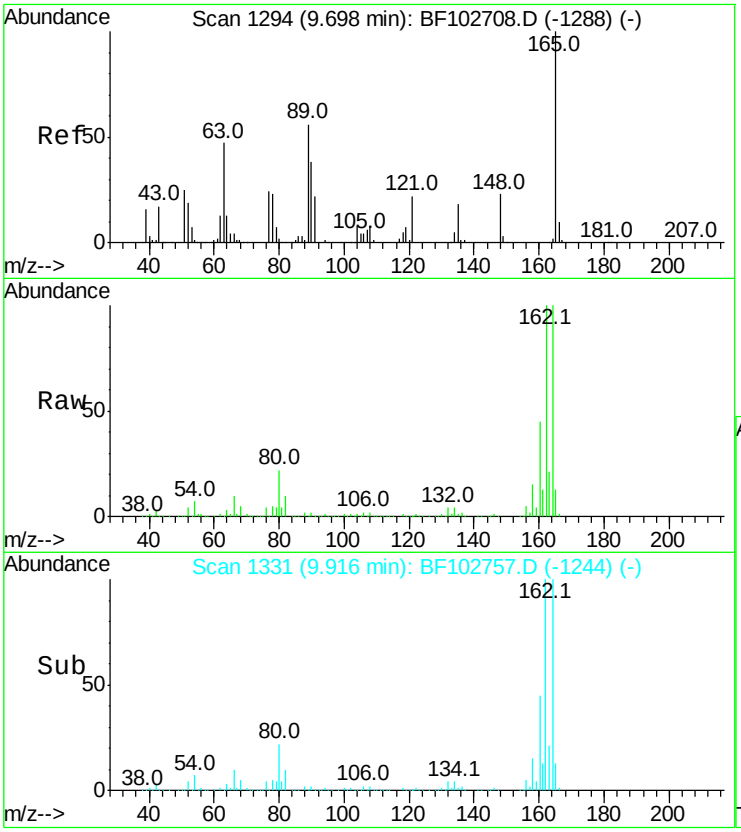


#48
Acenaphthylene
Concen: 5.014 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:152 Resp: 197469

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	12.5	10.7	16.1



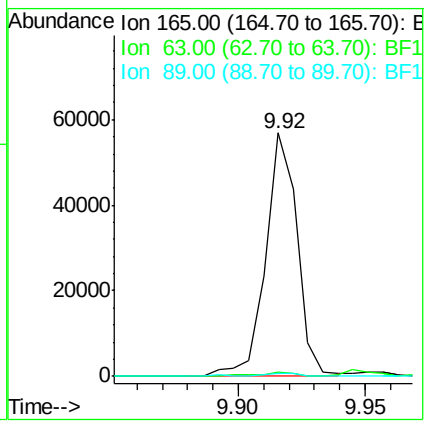


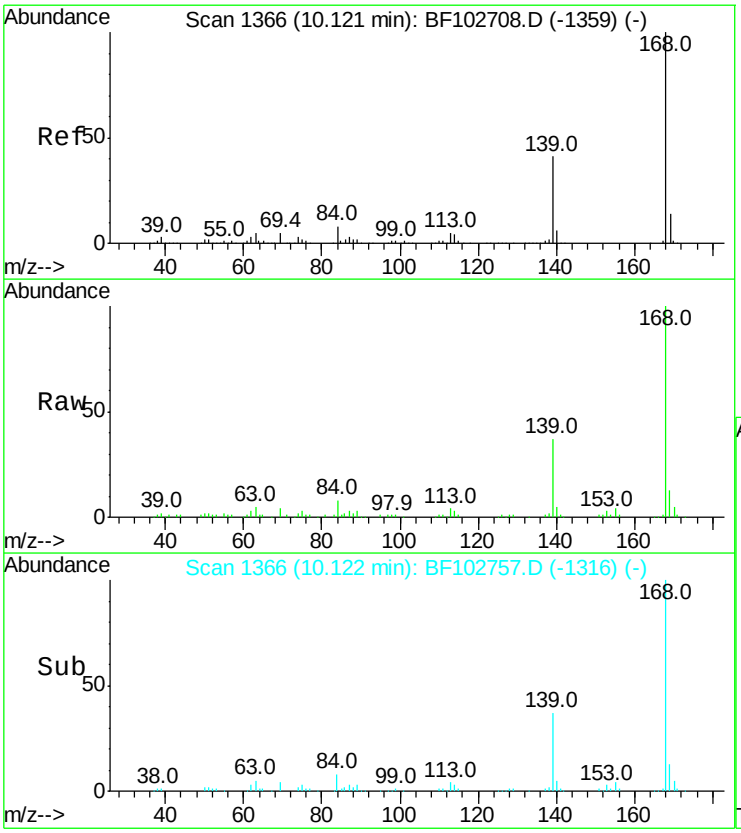
#50
2,6-Dinitrotoluene
Concen: 8.760 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 49696

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.4	44.0	66.0#

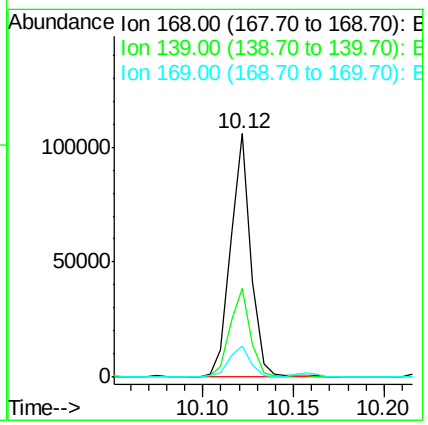


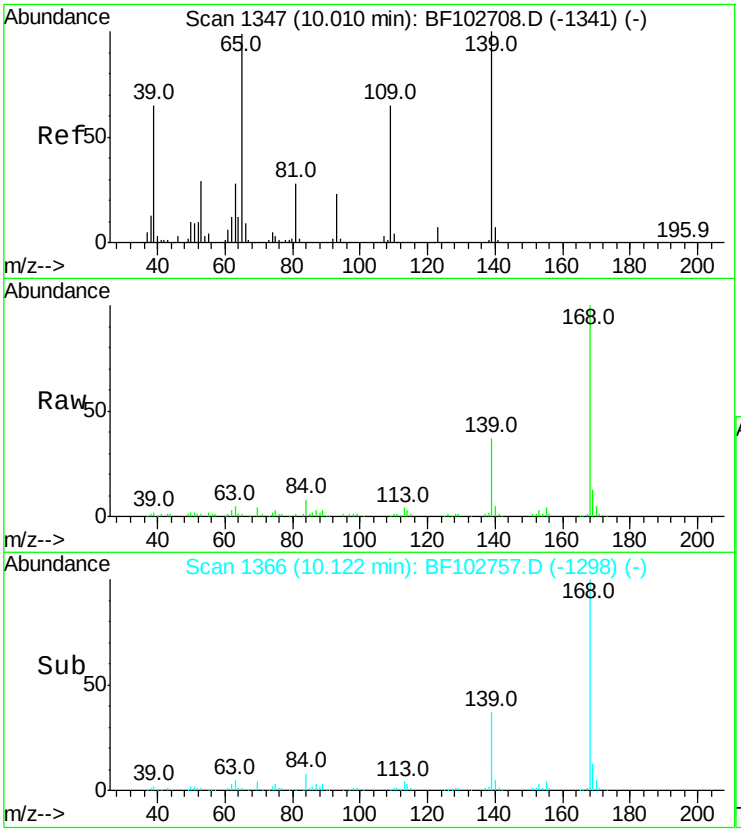


#54
Dibenzofuran
Concen: 2.504 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:168 Resp: 83114

Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.1	45.1
169	12.8	10.9	16.3



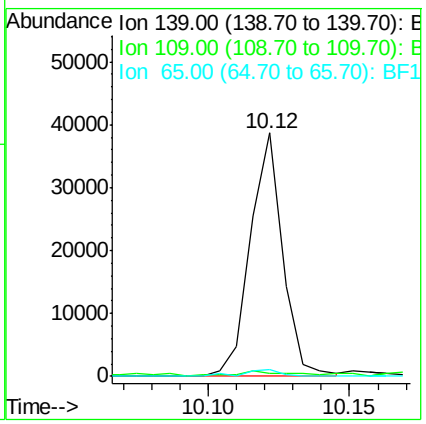


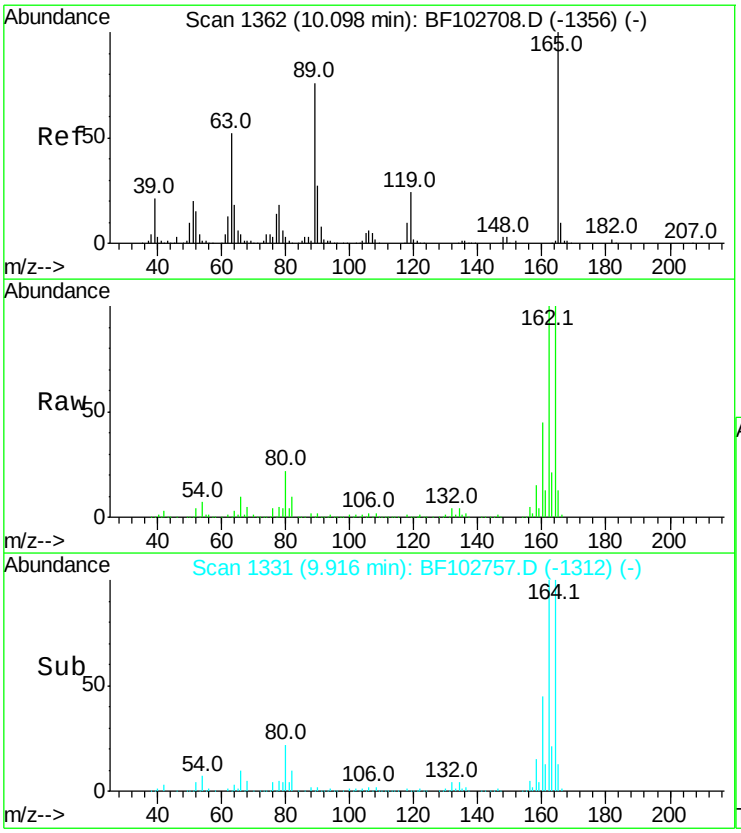
#55
4-Nitrophenol
Concen: 9.113 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.10 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 30738

Ion	Ratio	Lower	Upper
139	100		
109	1.3	48.4	88.4#
65	2.6	72.6	112.6#

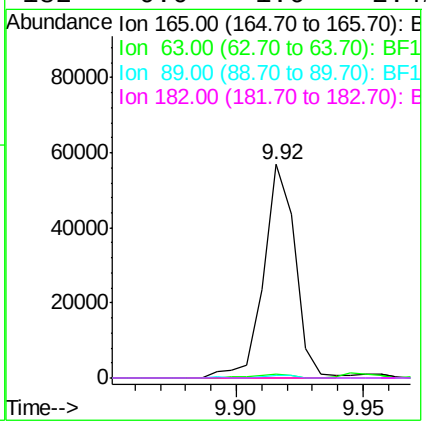


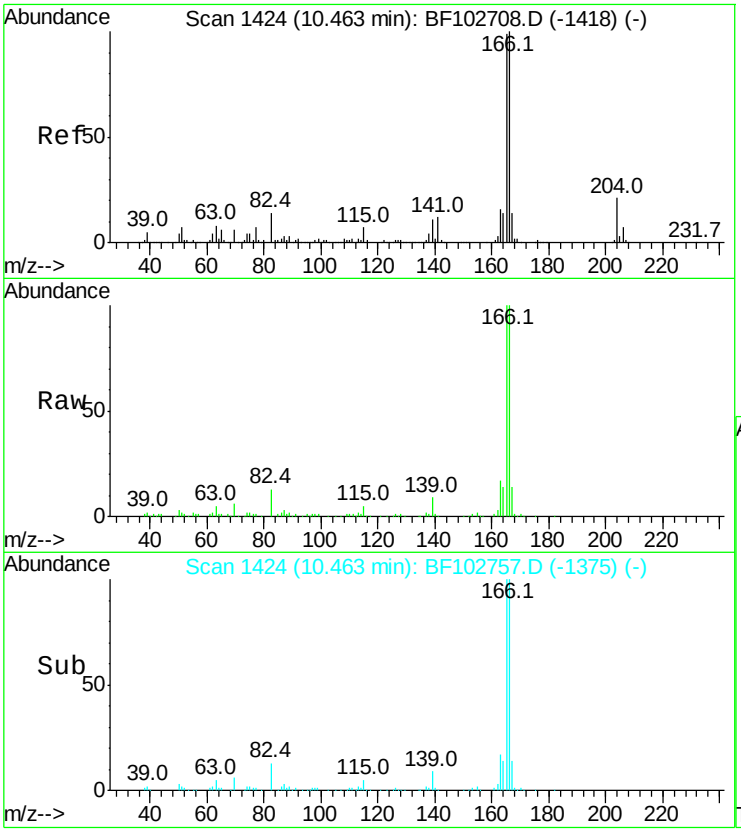


#56
2,4-Dinitrotoluene
Concen: 9.189 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:165 Resp: 49696

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



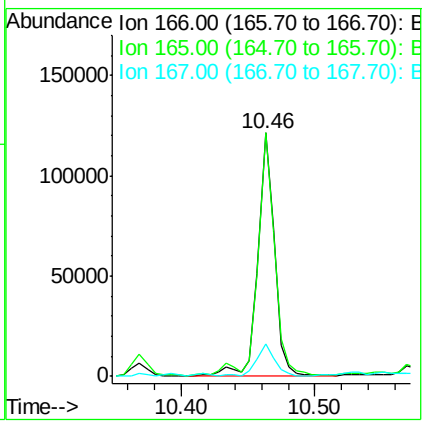


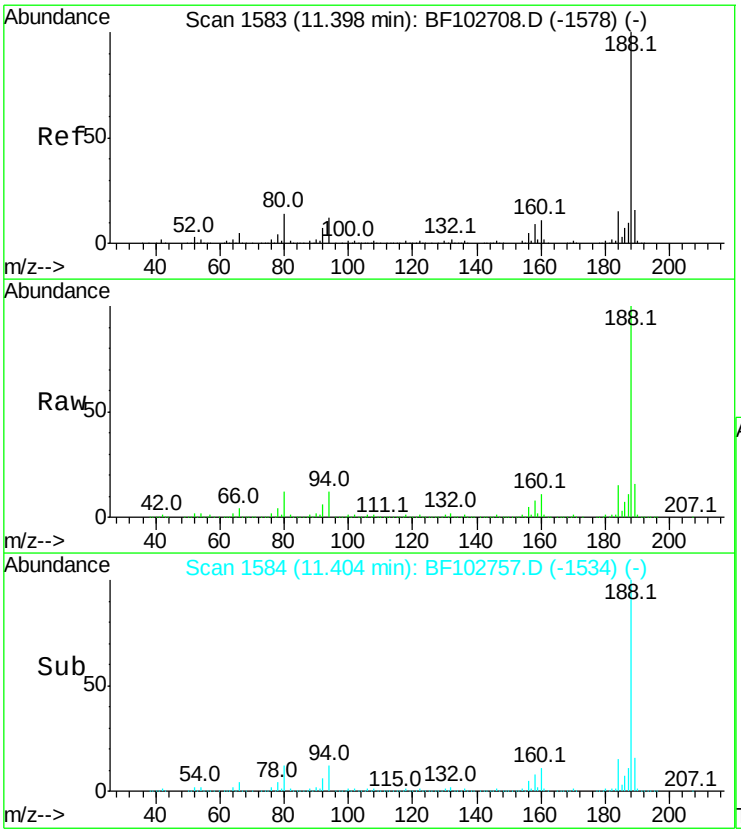
#57
Fluorene
Concen: 4.281 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 103394

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	13.5	10.6	16.0

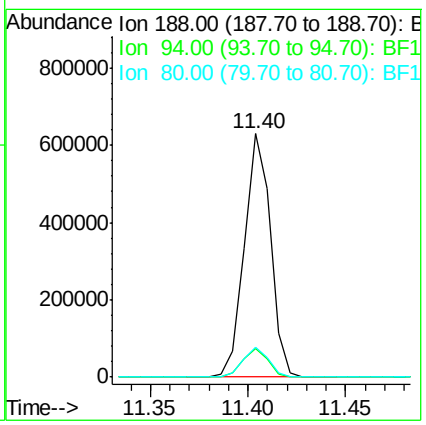


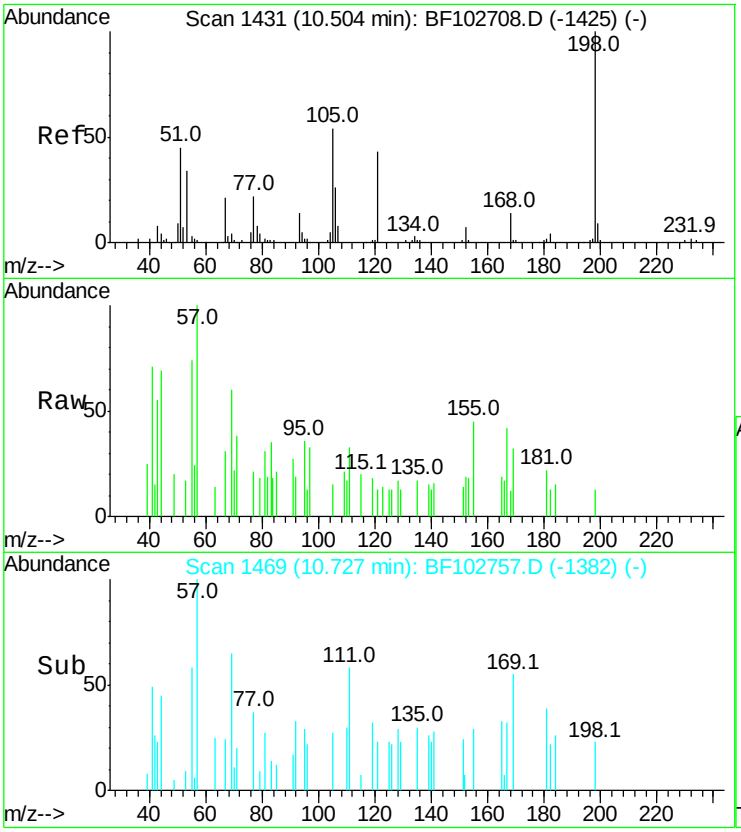


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:188 Resp: 583330

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.5	9.2	13.8



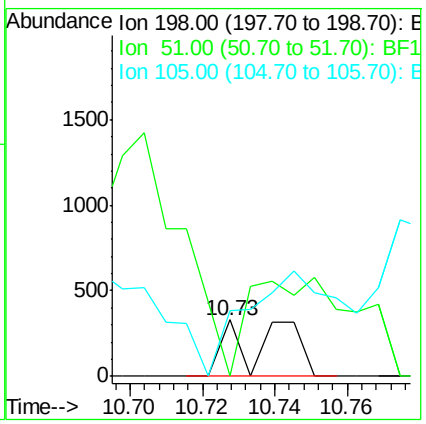


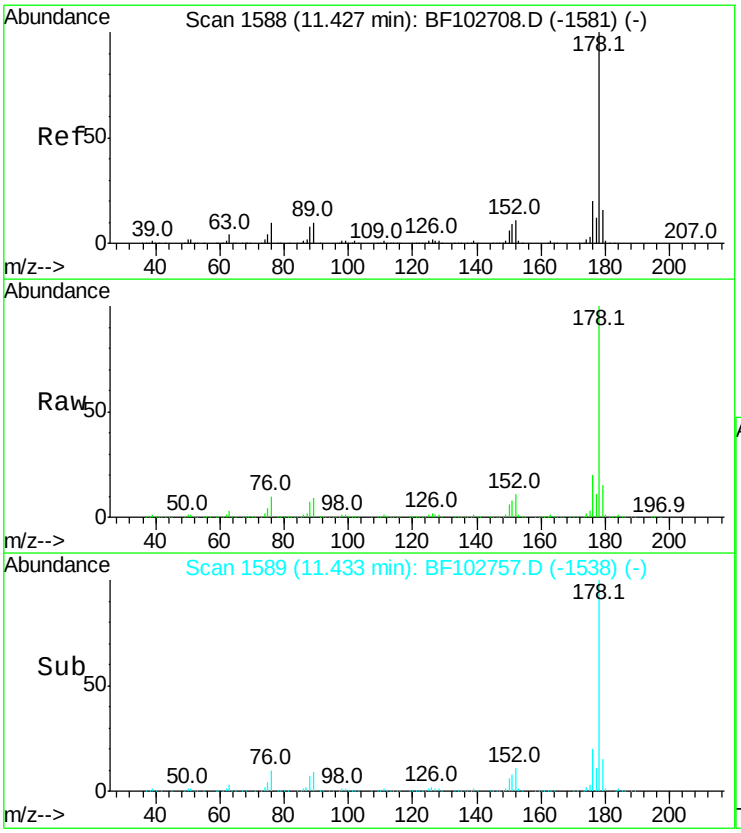
#64
4,6-Dinitro-2-methylphenol
Concen: 8.922 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.21 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 340

Ion	Ratio	Lower	Upper
198	100		
51	0.0	37.7	77.7#
105	117.3	36.3	76.3#

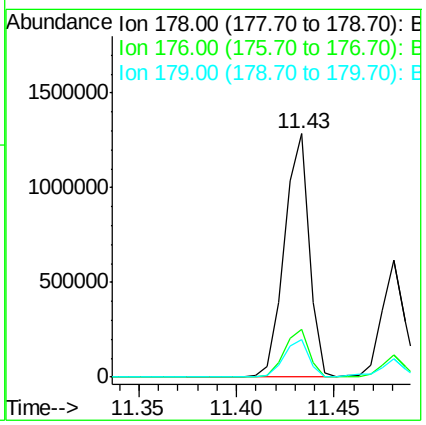


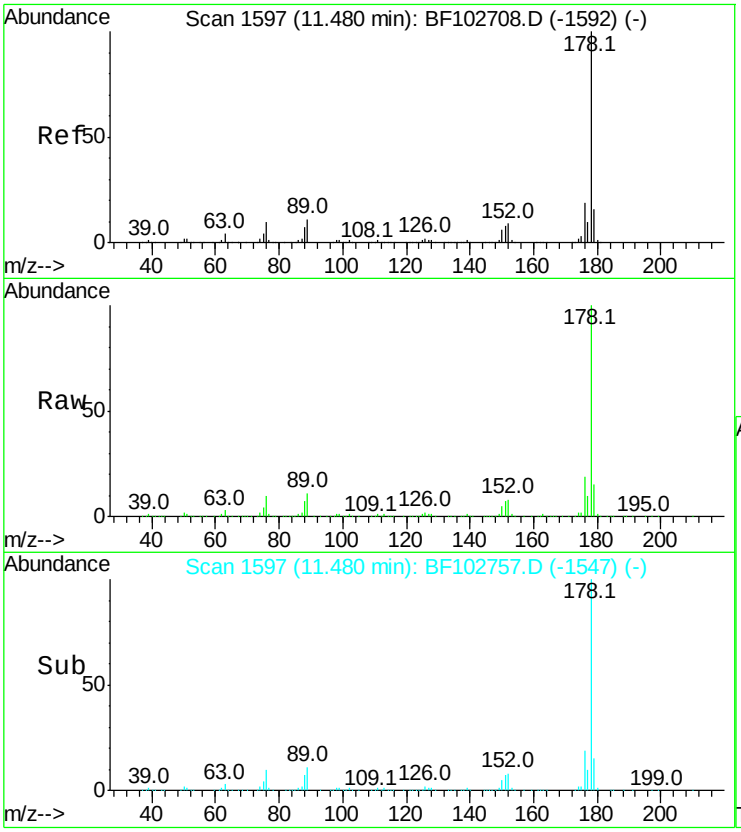


#70
Phenanthrene
Concen: 34.799 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:178 Resp: 1130553

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.4	13.0	19.6



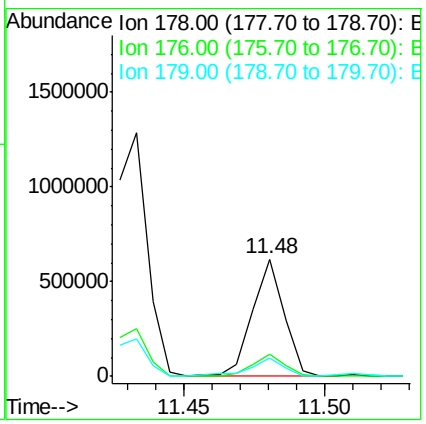


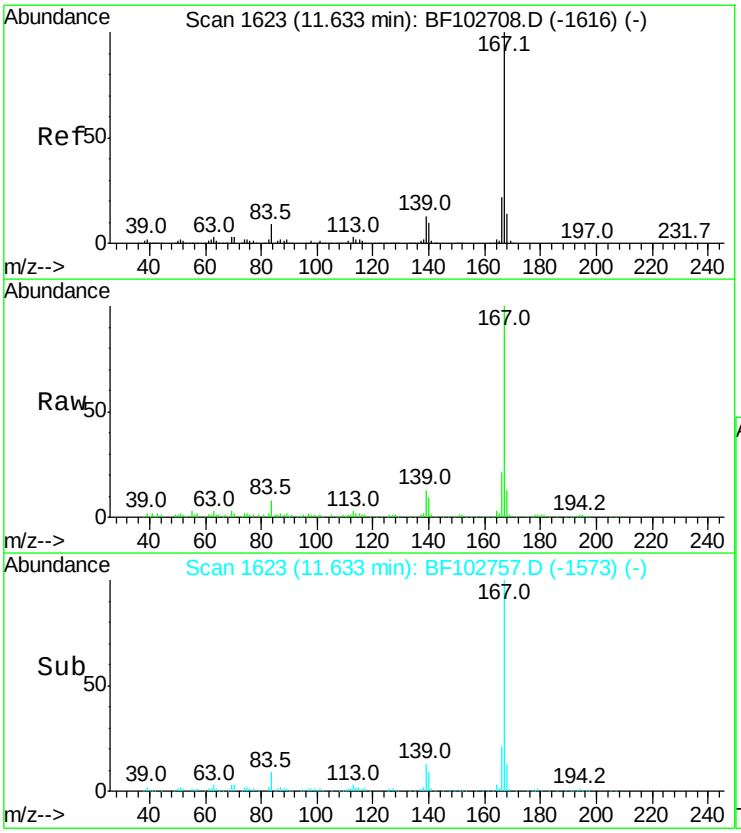
#71
Anthracene
Concen: 14.413 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 476264

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

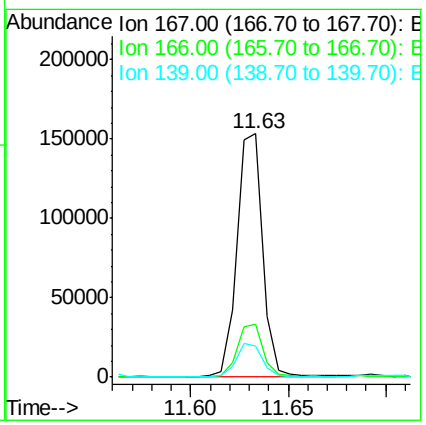


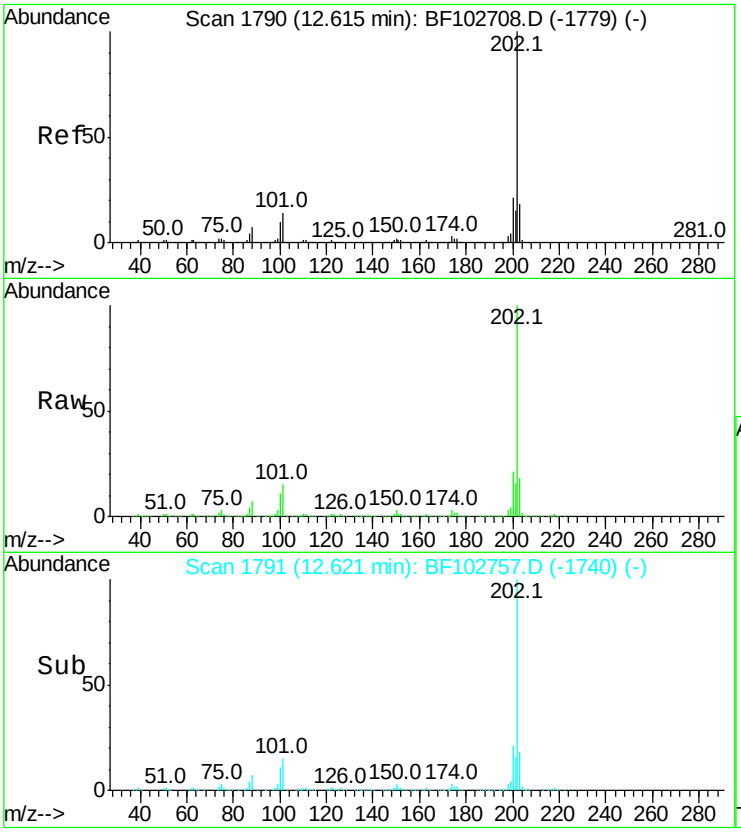


#72
Carbazole
Concen: 4.348 ng
RT: 11.63 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:167 Resp: 140761

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	13.0	10.9	16.3



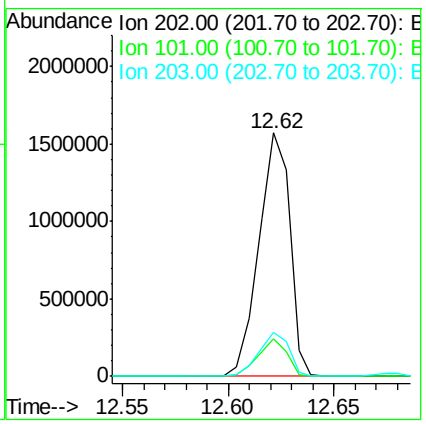


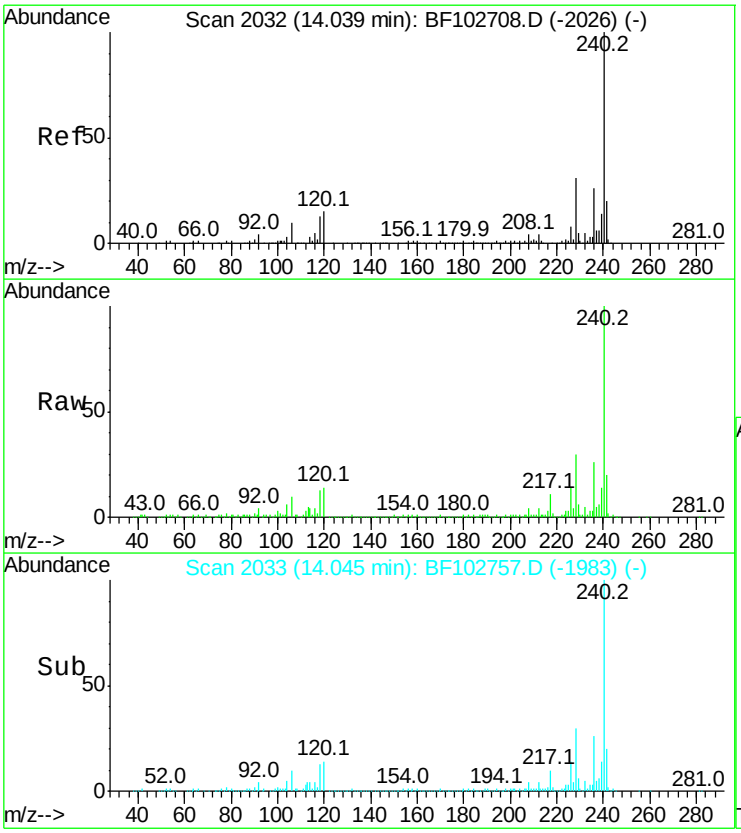
#74
Fluoranthene
Concen: 49.062 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1603650

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	34.1
203	18.1	0.0	38.1

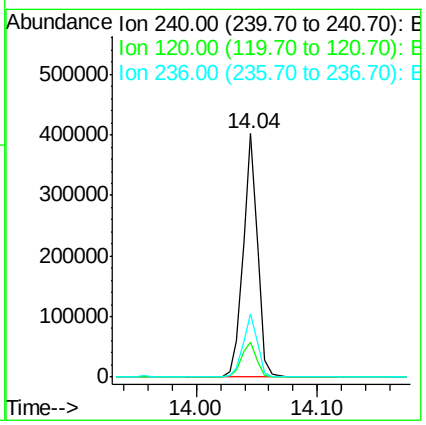


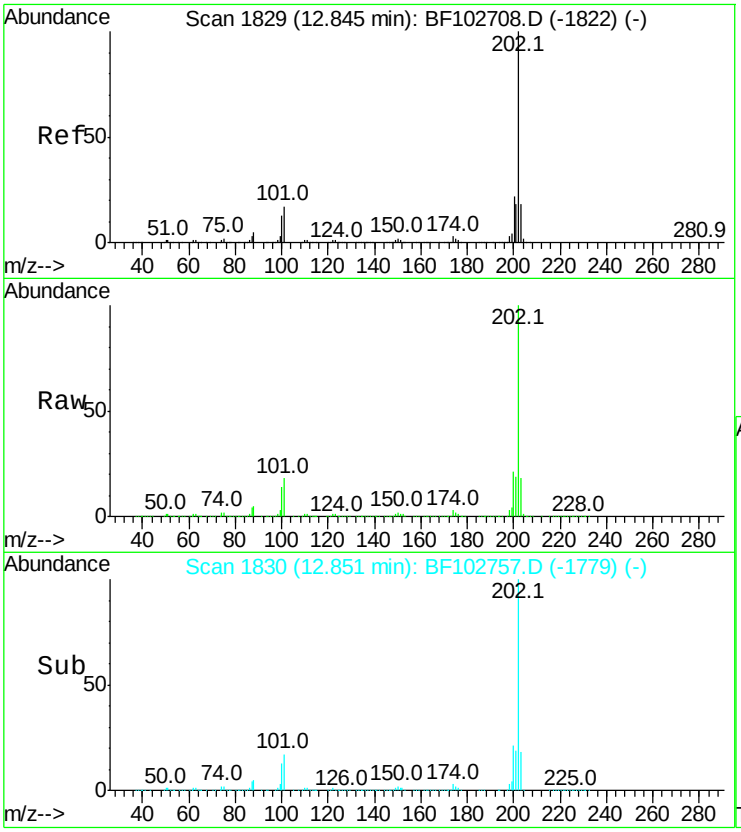


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:240 Resp: 334730

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	26.1	20.7	31.1



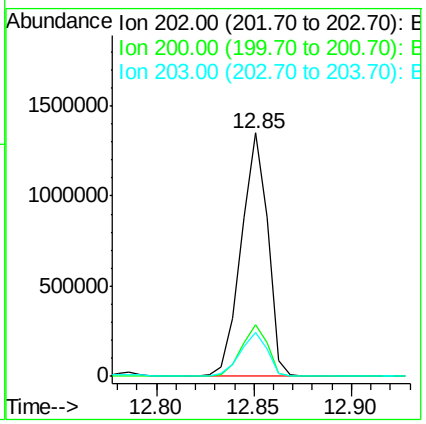


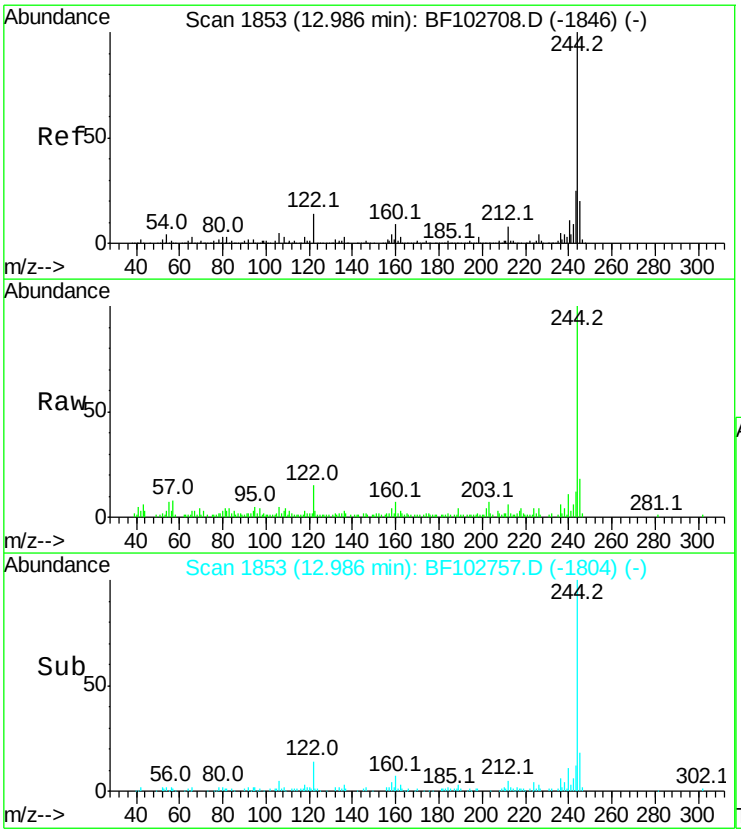
#77
Pyrene
Concen: 48.319 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1268282

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.0	14.3	21.5

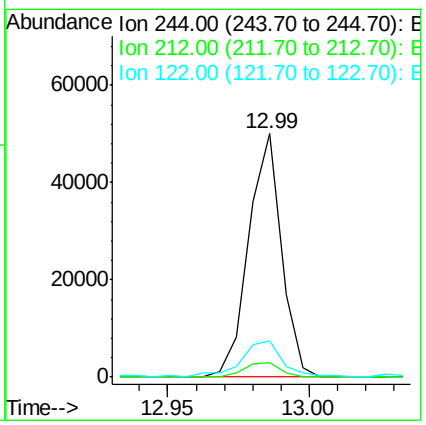


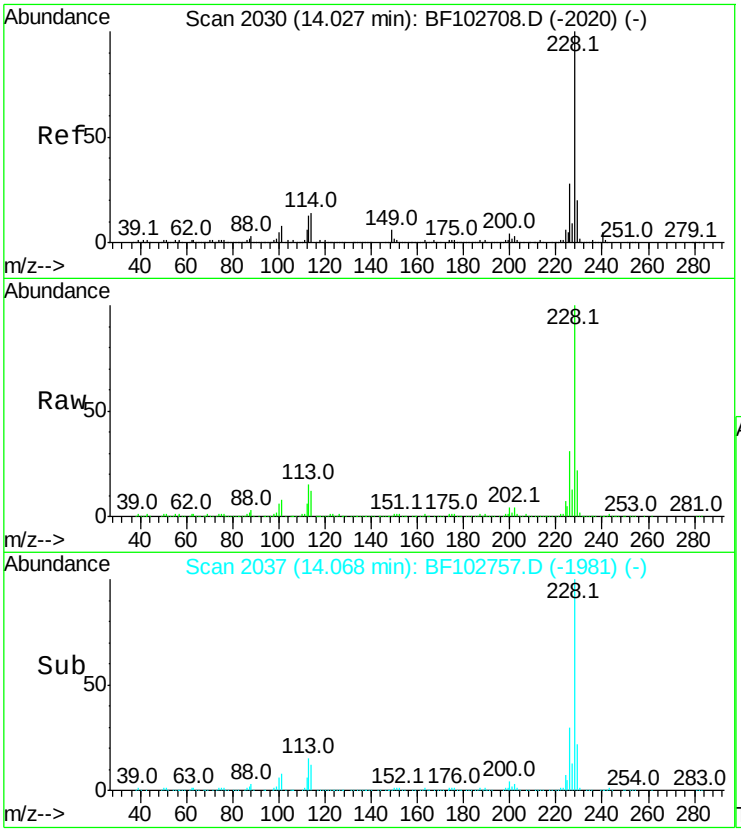


#78
Terphenyl-d14
Concen: 2.859 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:244 Resp: 40417

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.4	8.0
122	15.1	11.0	16.4



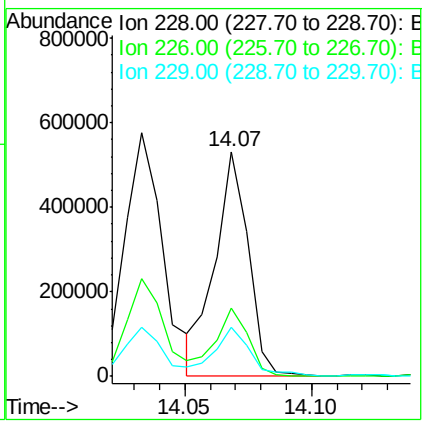


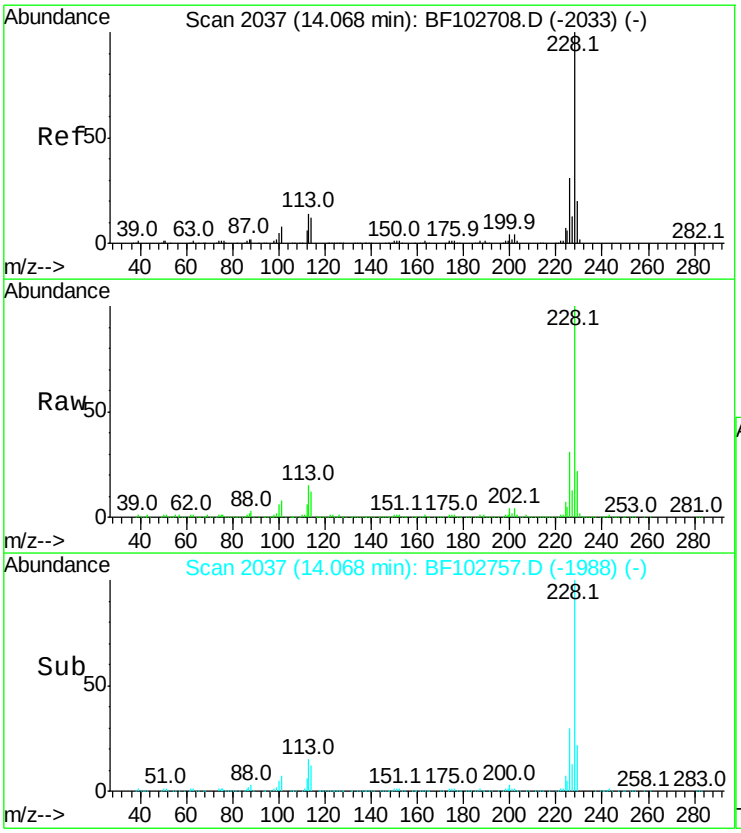
#80
Benzo(a)anthracene
Concen: 22.866 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.03 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 481352

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	22.1	15.8	23.6

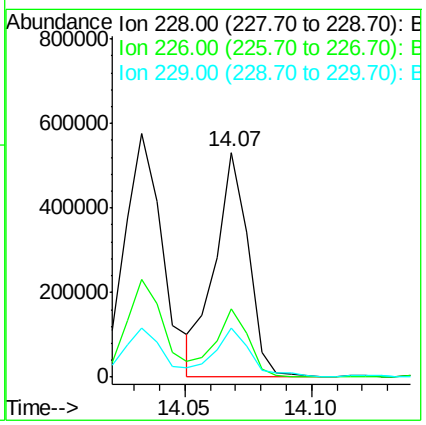


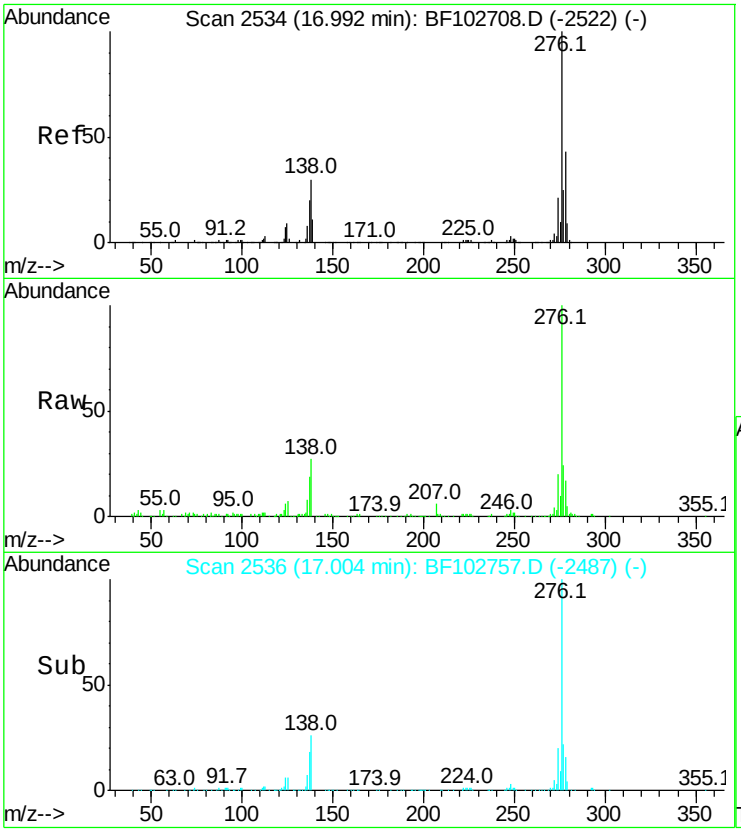


#82
Chrysene
Concen: 22.683 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:228 Resp: 481352

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	22.1	16.2	24.4



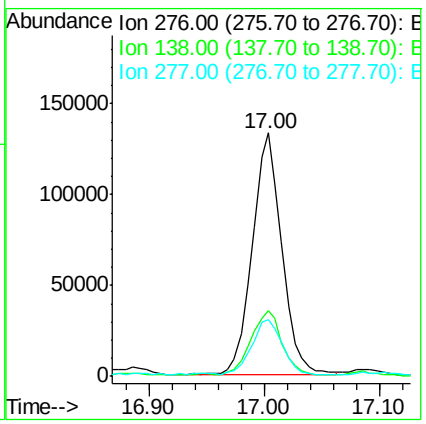


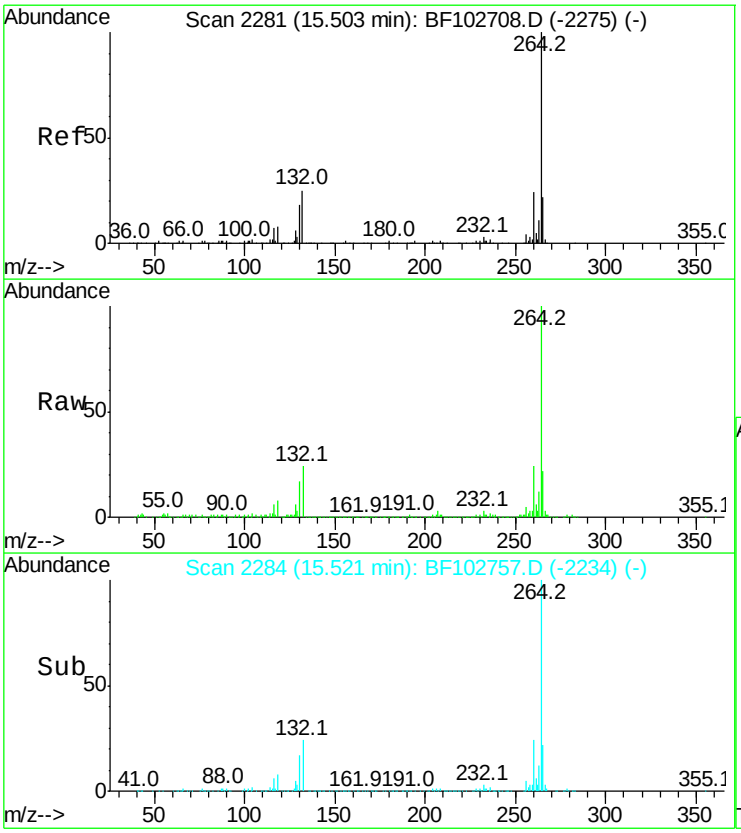
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.526 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 238053

Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.0	37.6
277	24.5	20.1	30.1

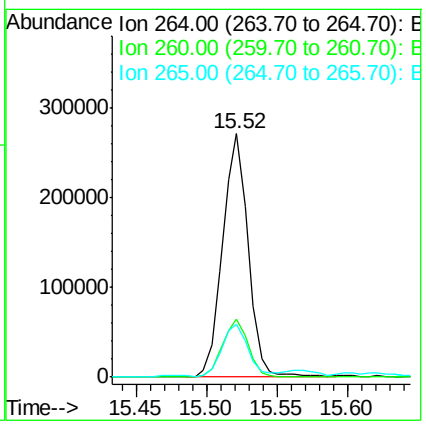


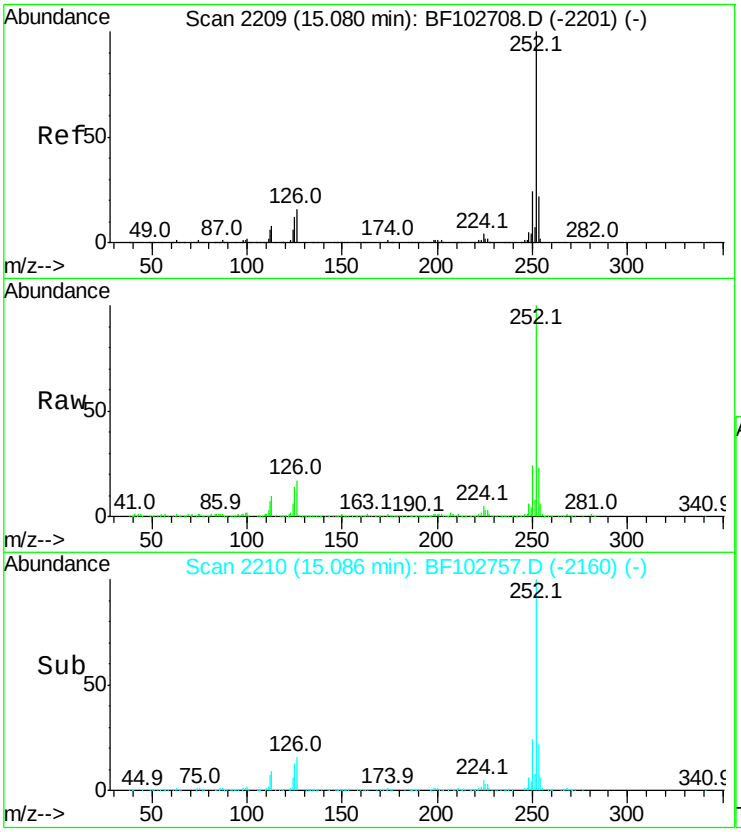


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:264 Resp: 339636

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.5	26.3



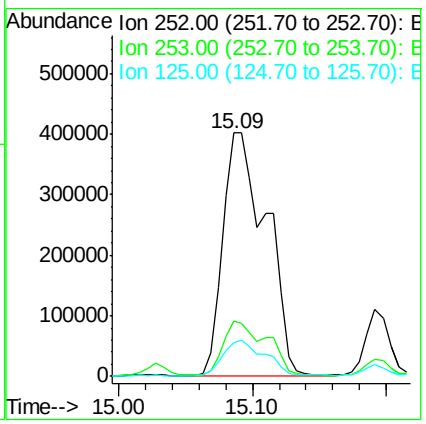


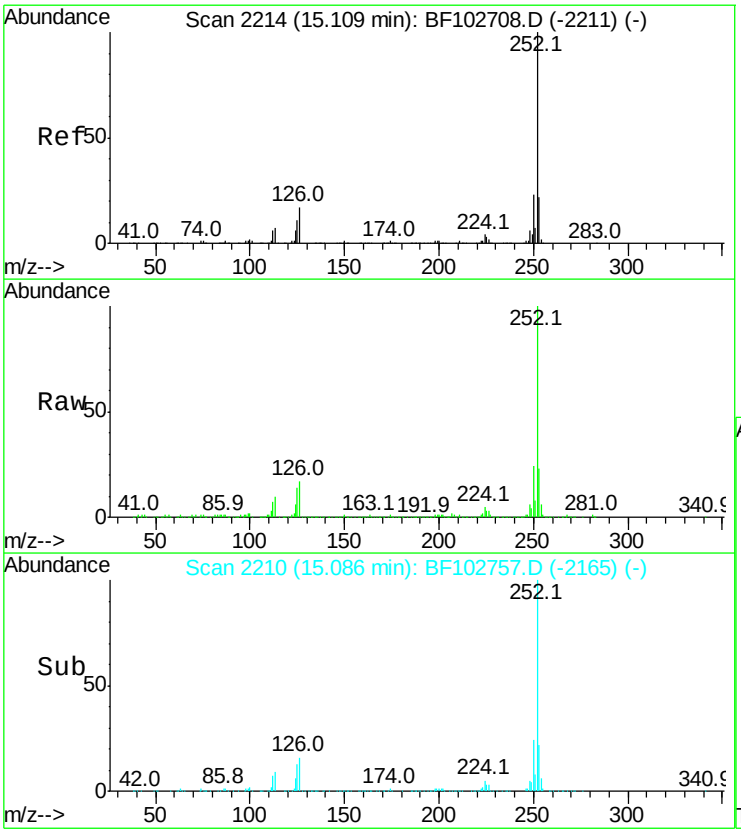
#87
Benzo(b)fluoranthene
Concen: 41.489 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 913588

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	13.7	9.0	13.6#

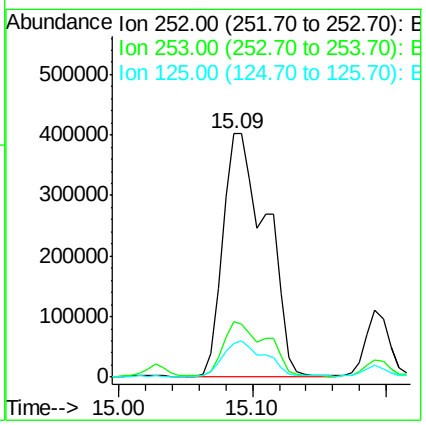


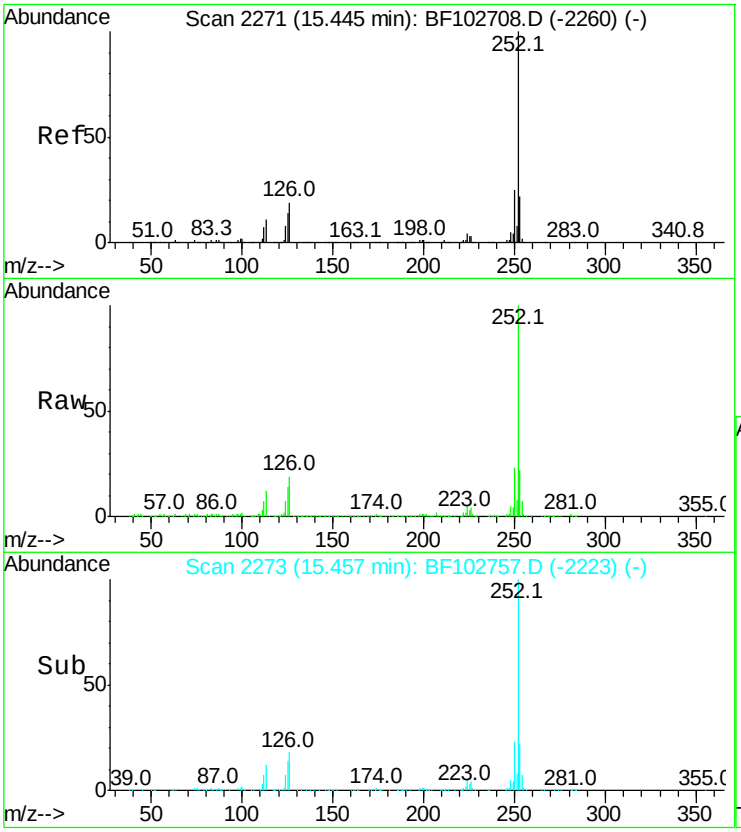


#88
Benzo(k)fluoranthene
Concen: 43.422 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:252 Resp: 913588

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	13.7	10.2	15.2



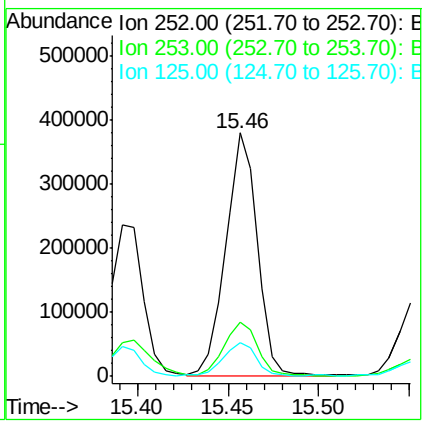


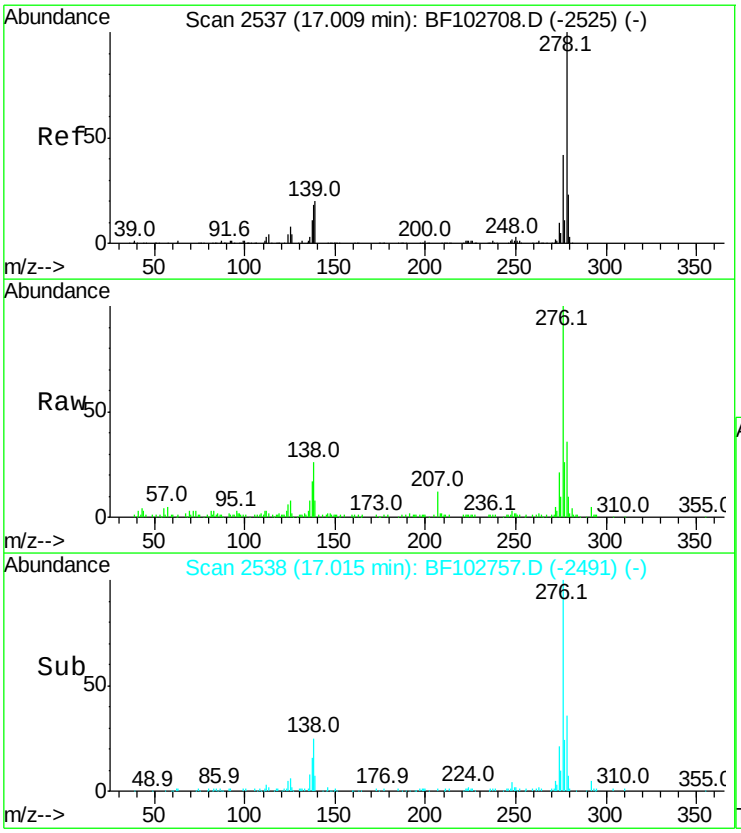
#89
Benzo(a)pyrene
Concen: 23.031 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 456488

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	14.0	9.8	14.6

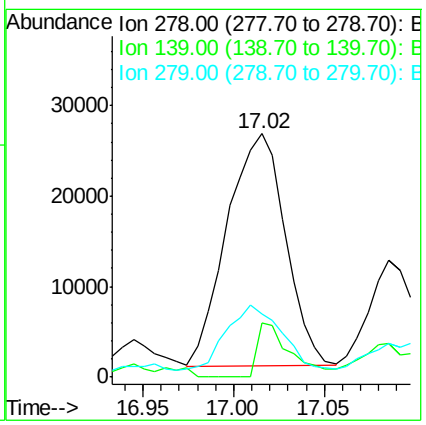


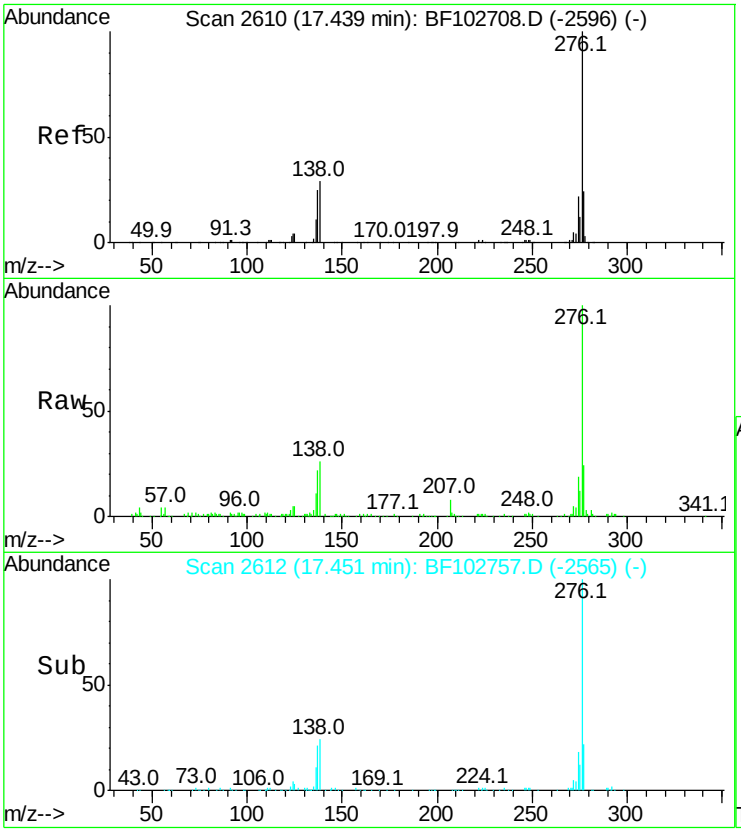


#90
Dibenzo(a,h)anthracene
Concen: 3.564 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Tgt Ion:278 Resp: 57338

Ion	Ratio	Lower	Upper
278	100		
139	22.3	15.9	23.9
279	26.1	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 12.621 ng
RT: 17.45 min Scan# 2612
Delta R.T. -0.02 min
Lab File: BF102757.D
Acq: 6 Feb 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 198732

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	26.4	21.8	32.8