Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102737.D
Acq On : 5 Feb 2018 14:56
Operator : SJ/JU
Sample : J1399-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 05 15:59:09 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	207831	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	837506	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	353572	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	517830	20.00	ng	0.00
75) Chrysene-d12	14.04	240	325793	20.00	ng	0.00
86) Perylene-d12	15.53	264	288218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	345483	25.25	ng	-0.01
7) Phenol-d6	6.49	99	410534	24.91	ng	-0.01
23) Nitrobenzene-d5	7.43	82	228635	18.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	68533	24.08	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	395289	18.55	ng	-0.01
78) Terphenyl-d14	12.99	244	248779	18.08	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	32284	2.972	ng	# 84
24) Nitrobenzene	7.44	77	709	Below Cal		# 28
25) Isophorone	7.43	82	228214	8.209	ng	# 64
31) Naphthalene	8.19	128	201877	4.934	ng	98
32) Benzoic acid	7.94	122	351	8.584	ng	# 36
37) 2-Methylnaphthalene	8.87	142	88312	3.296	ng	99
47) 2-Nitroaniline	9.43	65	925	3.591	ng	# 2
48) Acenaphthylene	9.78	152	90831	2.494	ng	98
50) 2,6-Dinitrotoluene	9.92	165	50446	9.618	ng	# 26
51) Acenaphthene	9.95	154	186931	8.584	ng	97
54) Dibenzofuran	10.12	168	193175	6.294	ng	99
55) 4-Nitrophenol	9.95	139	2761	4.518	ng	87
56) 2,4-Dinitrotoluene	10.12	165	1860	3.323	ng	# 1
57) Fluorene	10.47	166	281249	12.596	ng	100
70) Phenanthrene	11.43	178	1395112	48.375	ng	99
71) Anthracene	11.48	178	478889	16.326	ng	98
72) Carbazole	11.63	167	138269	4.812	ng	99
74) Fluoranthene	12.62	202	1492372	51.432	ng	99
77) Pyrene	12.85	202	1286943	50.375	ng	99
80) Benzo(a)anthracene	14.04	228	640839	31.277	ng	97
82) Chrysene	14.07	228	570614	27.627	ng	97
85) Indeno(1,2,3-cd)pyrene	17.02	276	237658	13.874	ng	94
87) Benzo(b)fluoranthene	15.09	252	851878	45.589	ng	# 94
88) Benzo(k)fluoranthene	15.09	252	851878	47.712	ng	97
89) Benzo(a)pyrene	15.46	252	447515	26.606	ng	# 94
90) Dibenzo(a,h)anthracene	17.02	278	59504	4.359	ng	# 80
91) Benzo(g,h,i)perylene	17.47	276	212555	15.907	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 : BF102737.D
Acq On : 5 Feb 2018 14:56
Operator : SJ/JU
Sample : J1399-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 05 15:59:09 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
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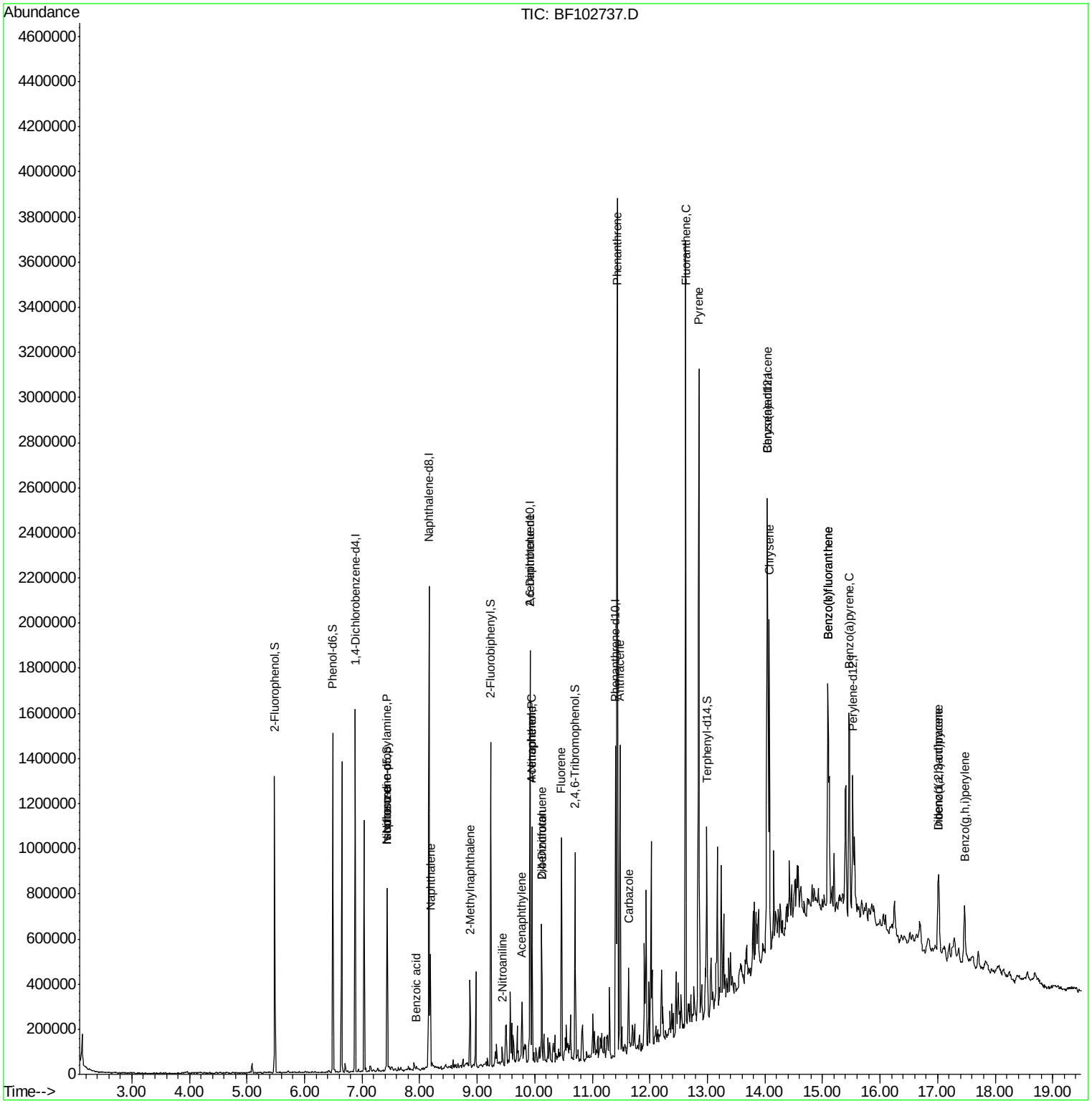
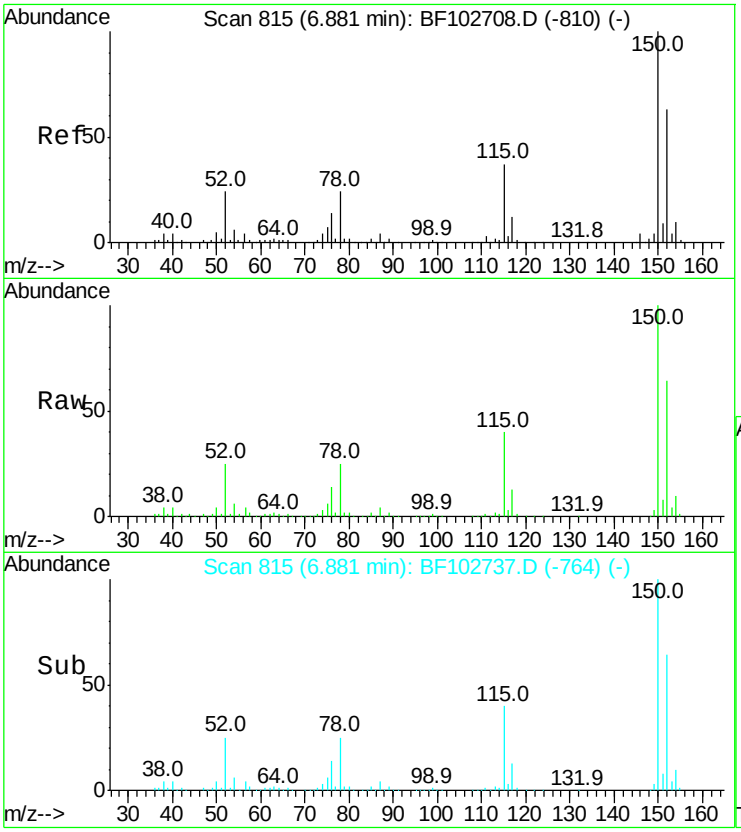


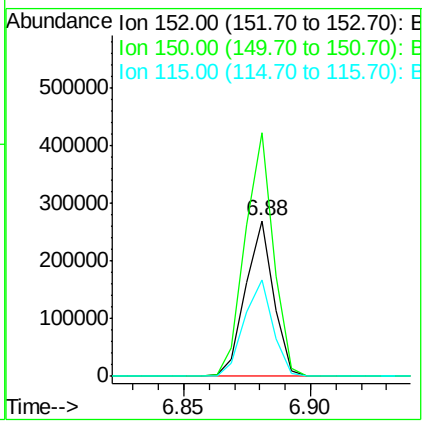


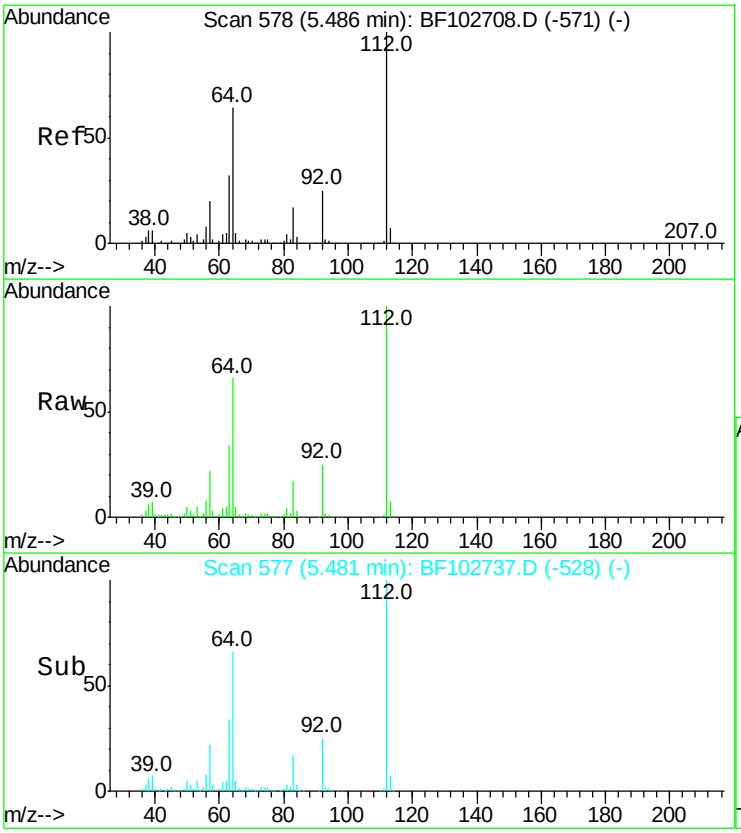
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 207831

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	62.0	50.1	75.1

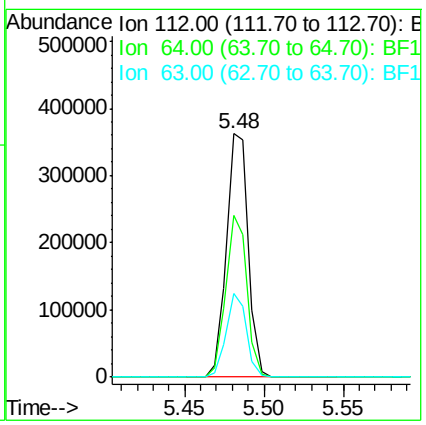


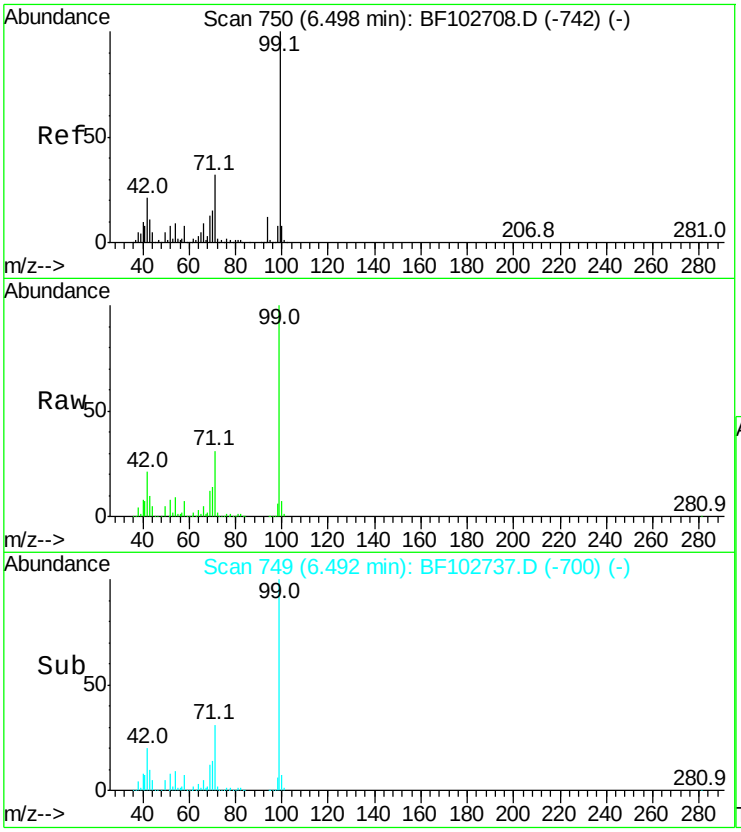


#5
2-Fluorophenol
Concen: 25.245 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion:112 Resp: 345483

Ion	Ratio	Lower	Upper
112	100		
64	66.2	47.9	71.9
63	34.1	23.7	35.5



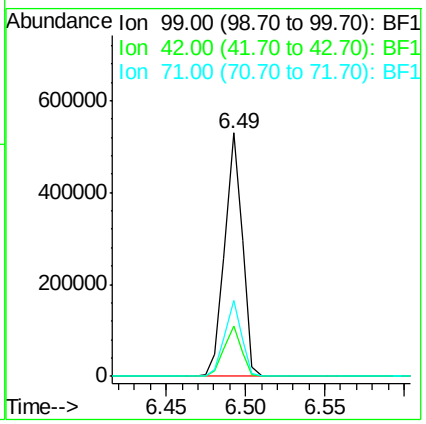


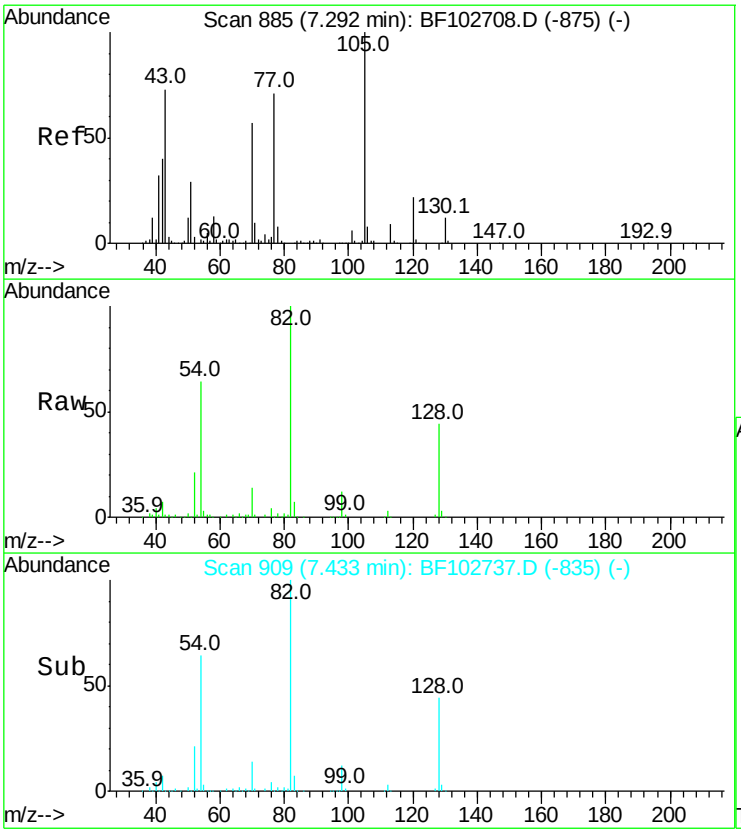
#7
Phenol-d6
Concen: 24.914 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 410534

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	31.3	25.4	38.0

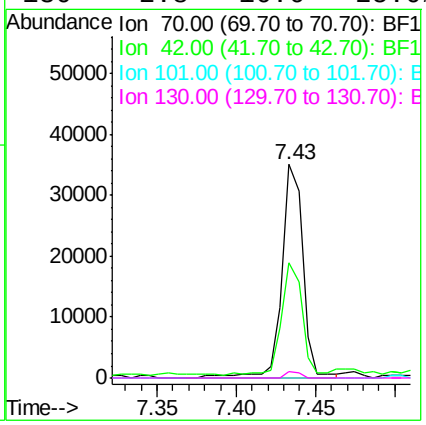


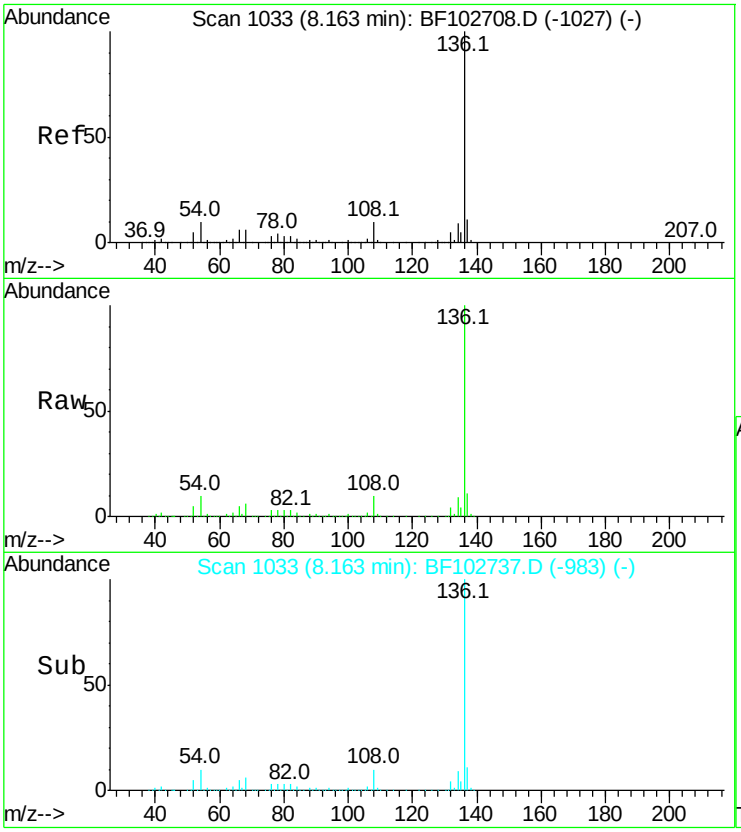


#19
n-Nitroso-di-n-propylamine
Concen: 2.972 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion: 70 Resp: 32284

Ion	Ratio	Lower	Upper
70	100		
42	54.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#

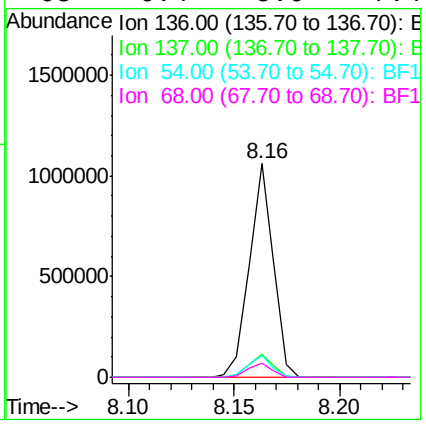




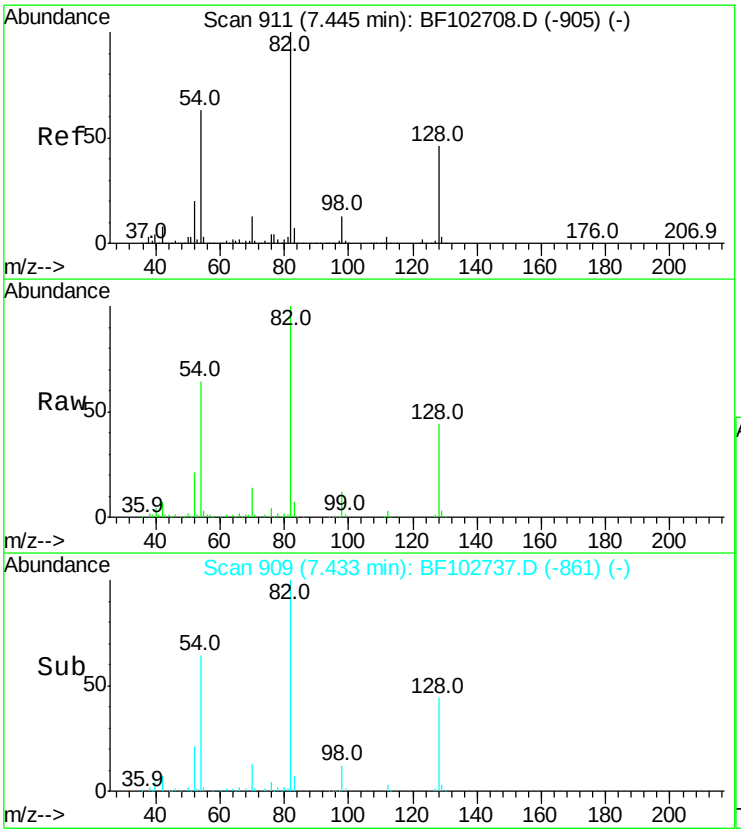
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion:136 Resp: 837506

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.0	6.6	9.8#
68	6.4	5.0	7.4



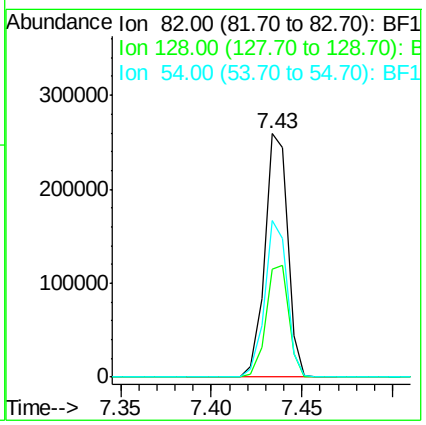
Instrument :
BNA_F
ClientSampleId :

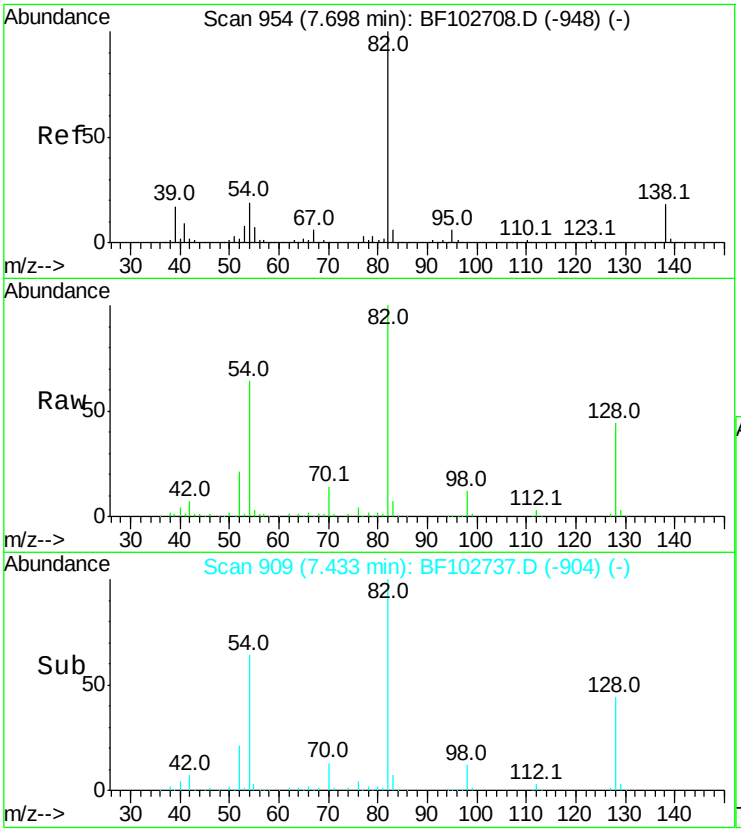


#23
Nitrobenzene-d5
Concen: 18.938 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion: 82 Resp: 228635

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	64.1	41.4	62.2#



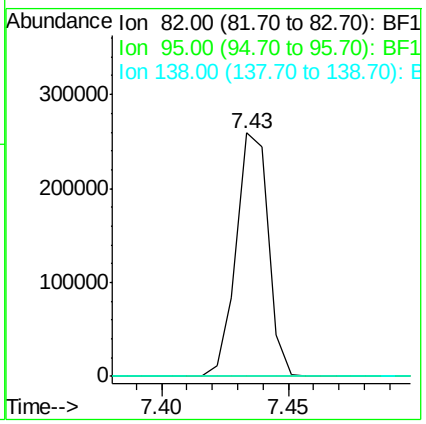


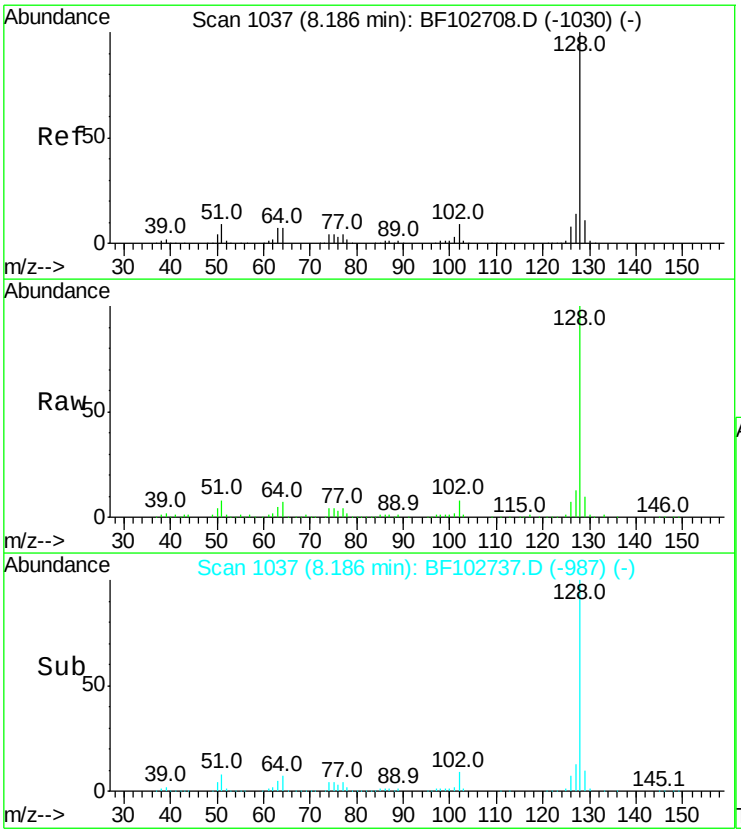
#25
Isophorone
Concen: 8.209 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 228214

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

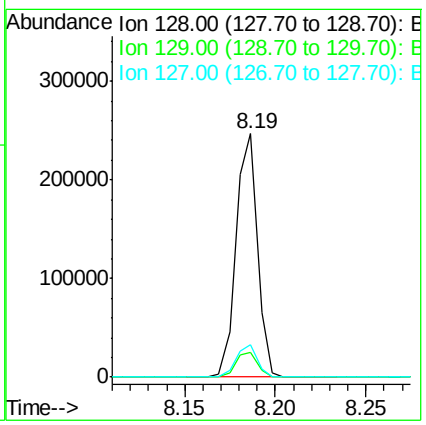


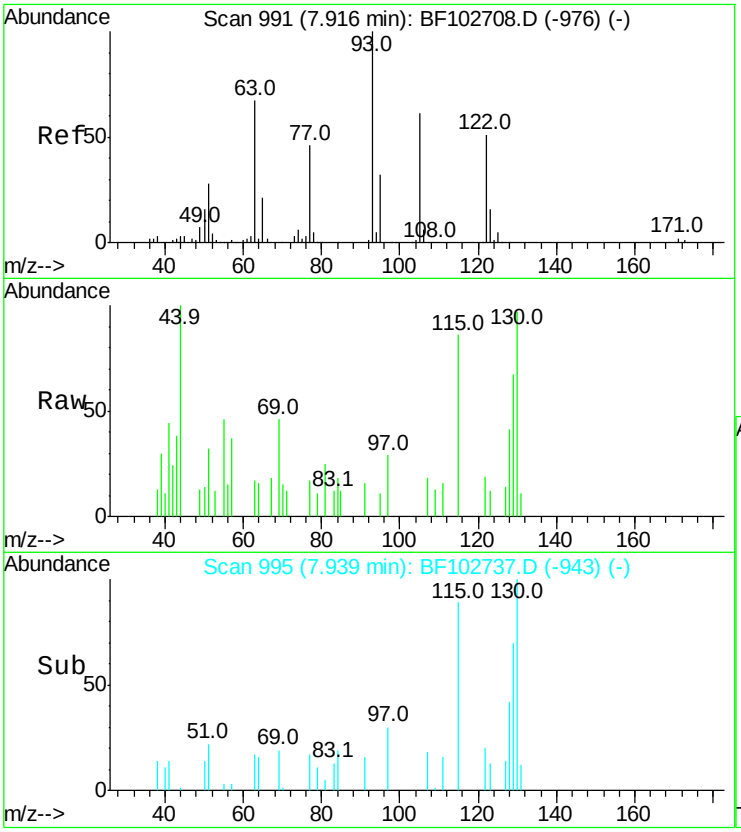


#31
Naphthalene
Concen: 4.934 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion:128 Resp: 201877

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.8	13.2
127	13.2	10.9	16.3



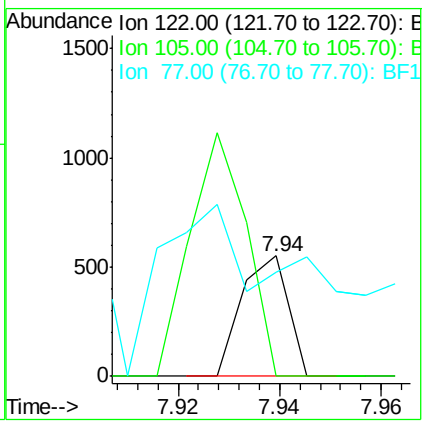


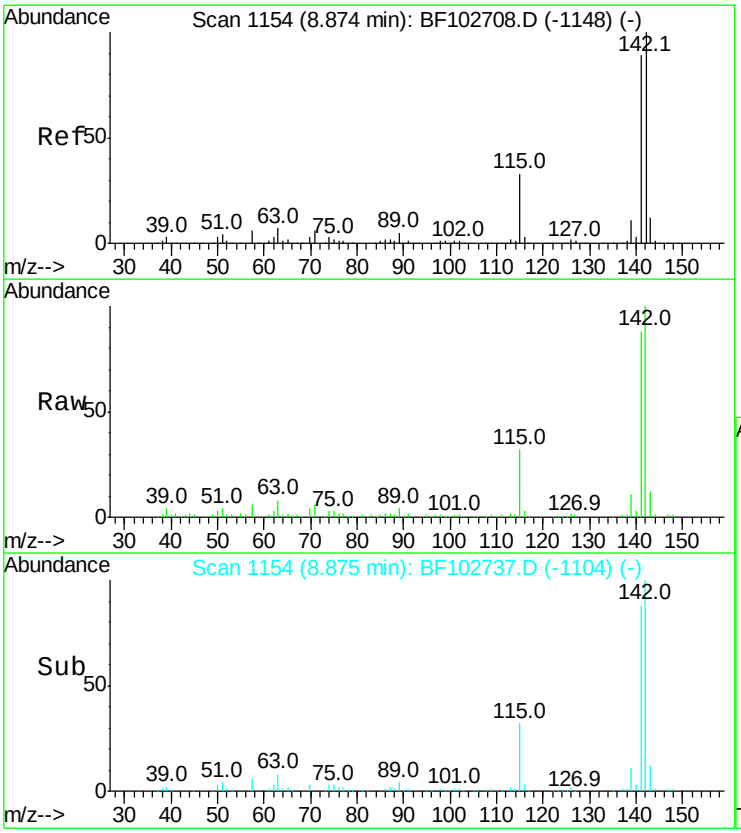
#32
Benzoic acid
Concen: 8.584 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 351

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	86.2	70.7	110.7

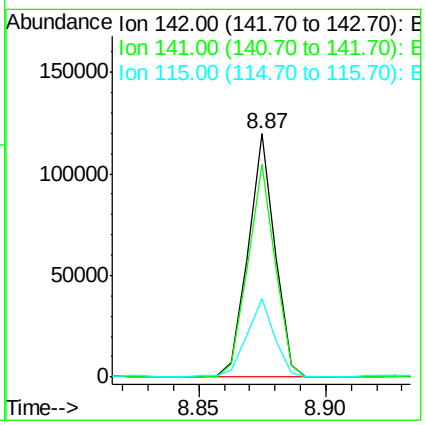


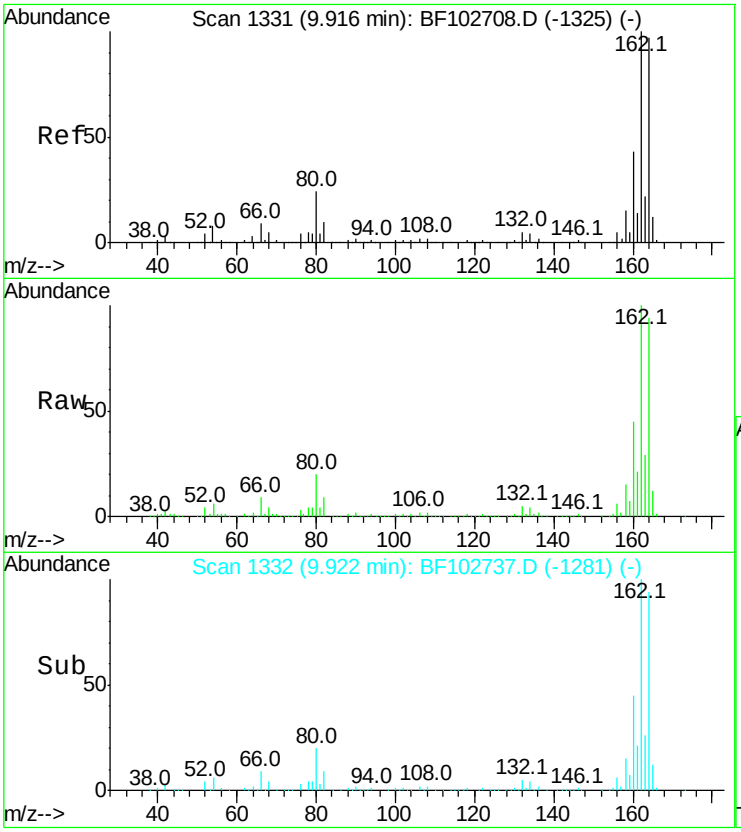


#37
2-Methylnaphthalene
Concen: 3.296 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion:142 Resp: 88312

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.8	106.2
115	32.3	26.1	39.1



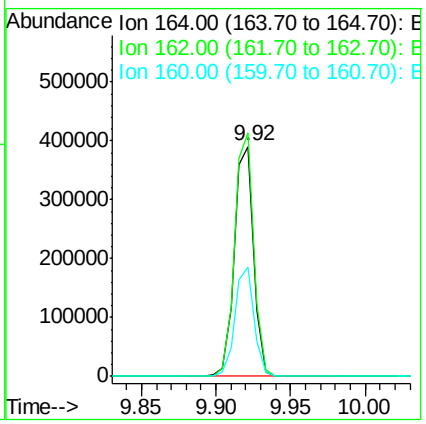


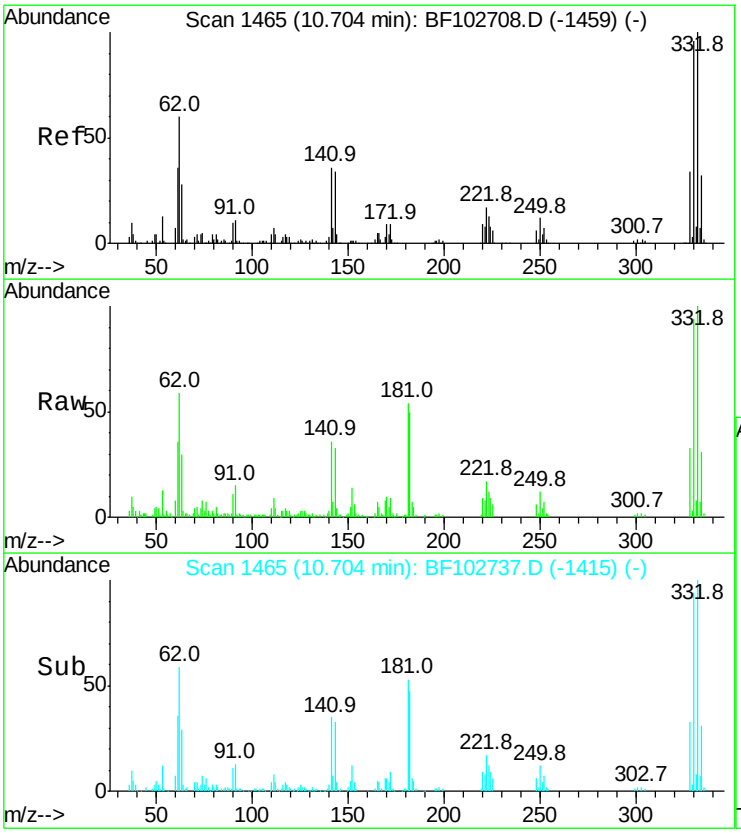
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 353572

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	47.4	38.3	57.5

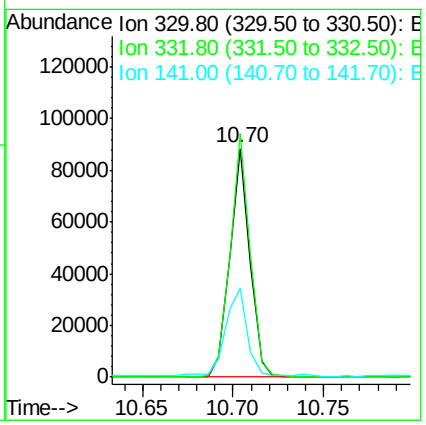


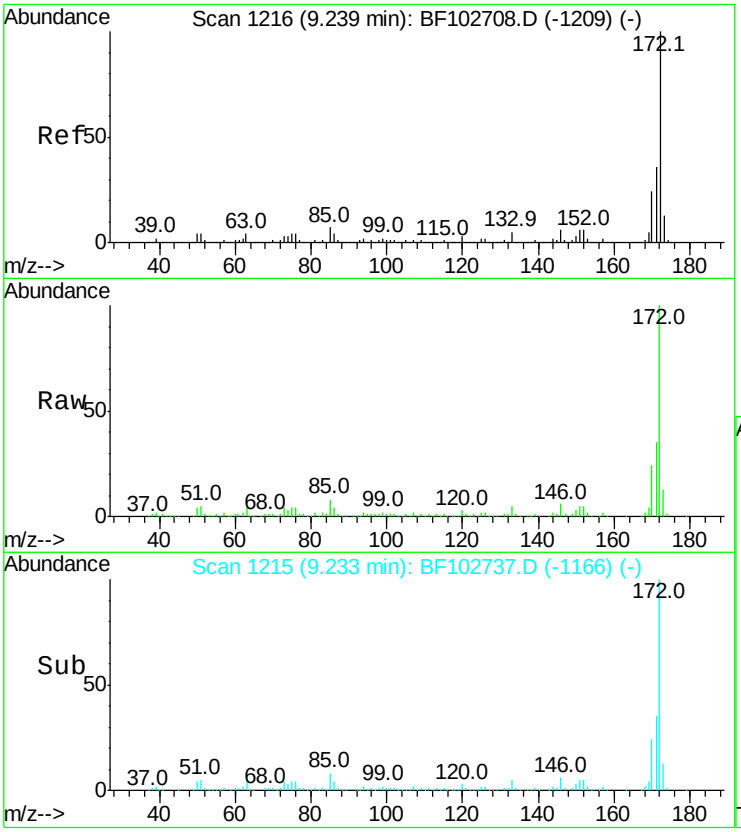


#41
2,4,6-Tribromophenol
Concen: 24.082 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion:330 Resp: 68533

Ion	Ratio	Lower	Upper
330	100		
332	104.7	77.0	115.6
141	41.5	29.9	44.9



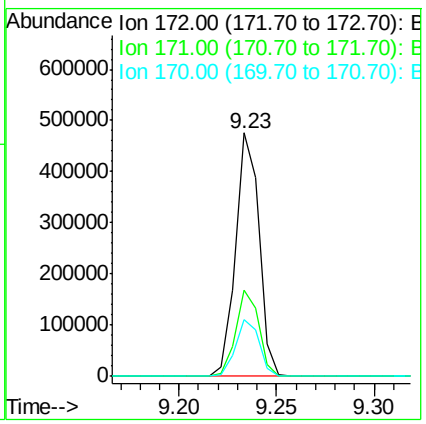


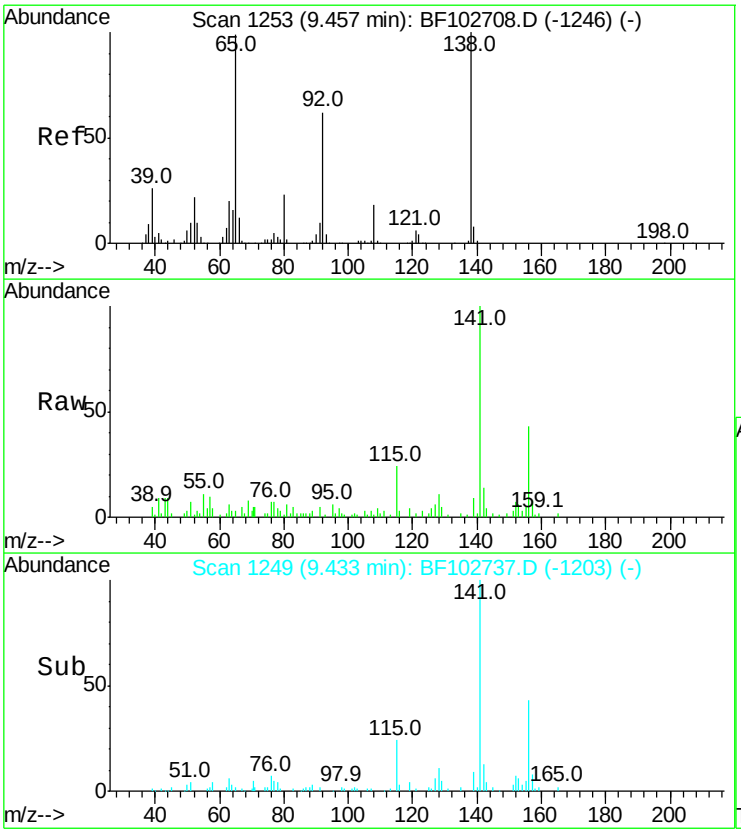
#44
2-Fluorobiphenyl
Concen: 18.551 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 395289

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.5	19.6	29.4

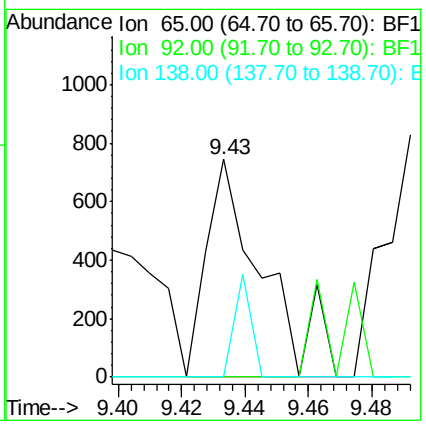


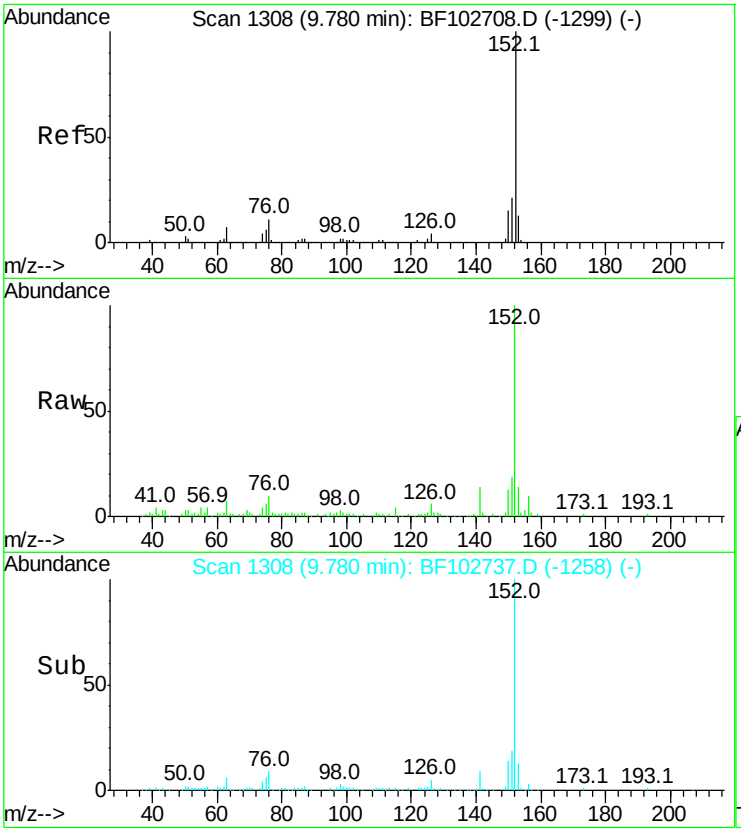


#47
2-Nitroaniline
Concen: 3.591 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.03 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion: 65 Resp: 925

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



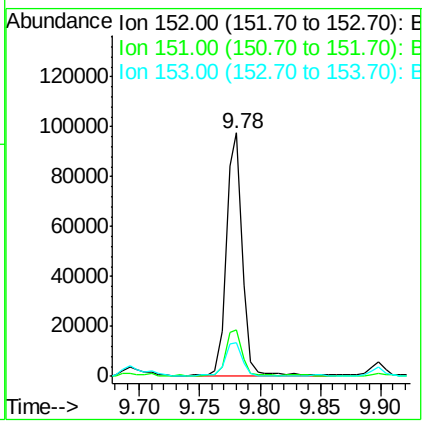


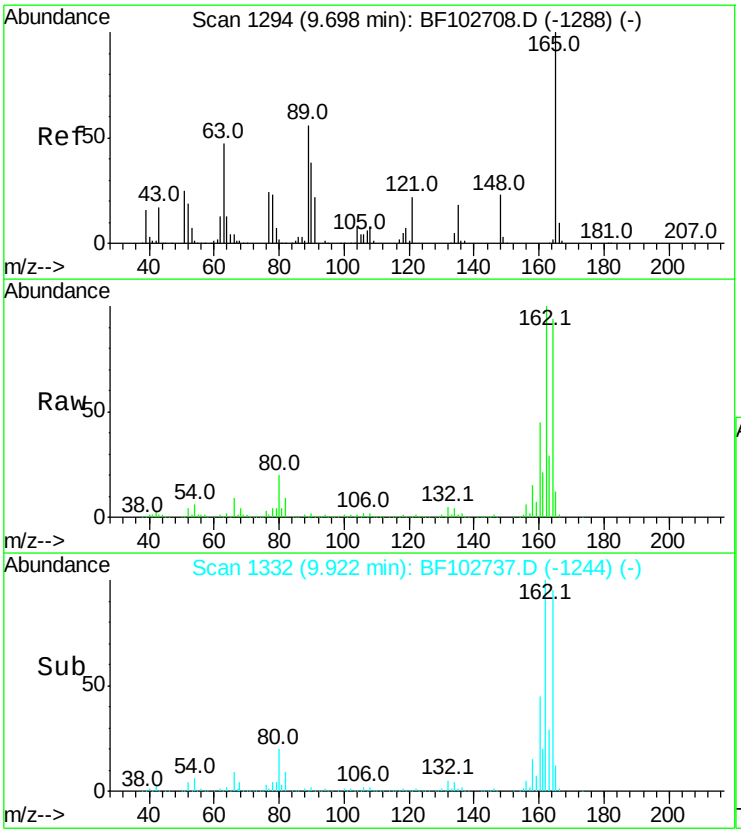
#48
Acenaphthylene
Concen: 2.494 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 90831

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.3	24.5
153	14.1	10.7	16.1

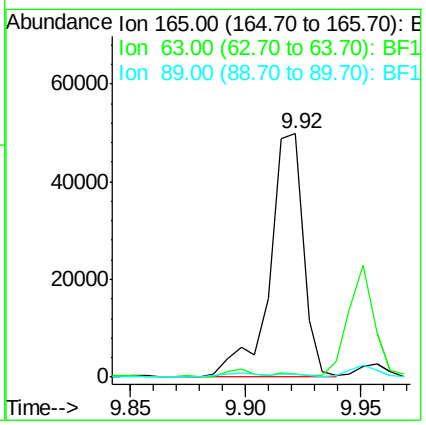


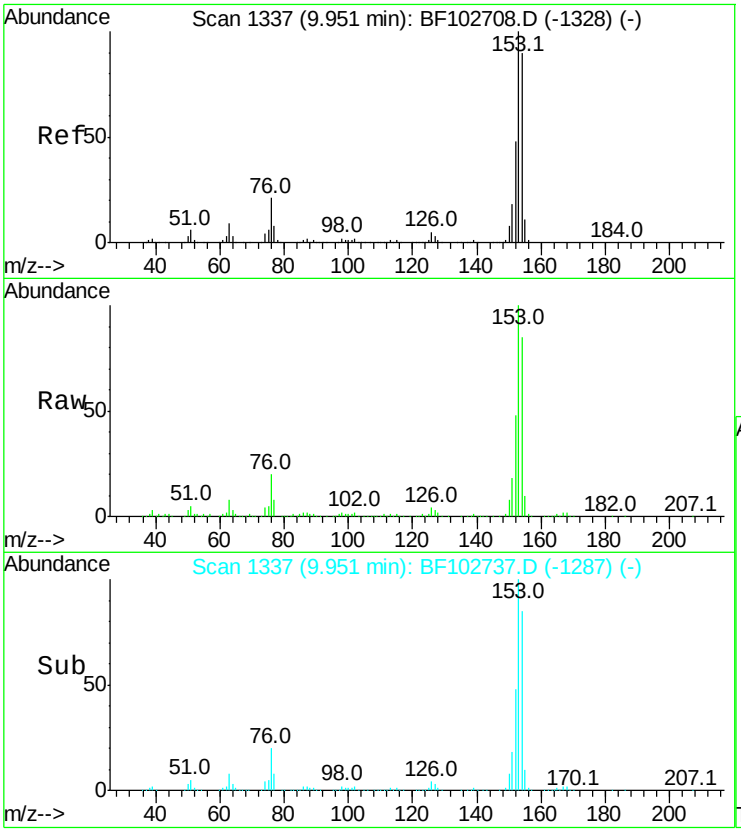


#50
2,6-Dinitrotoluene
Concen: 9.618 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion:165 Resp: 50446

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.4	44.0	66.0#



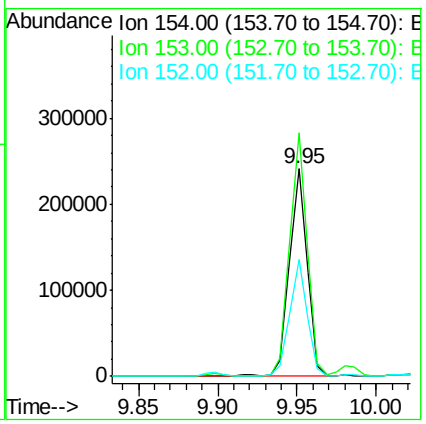


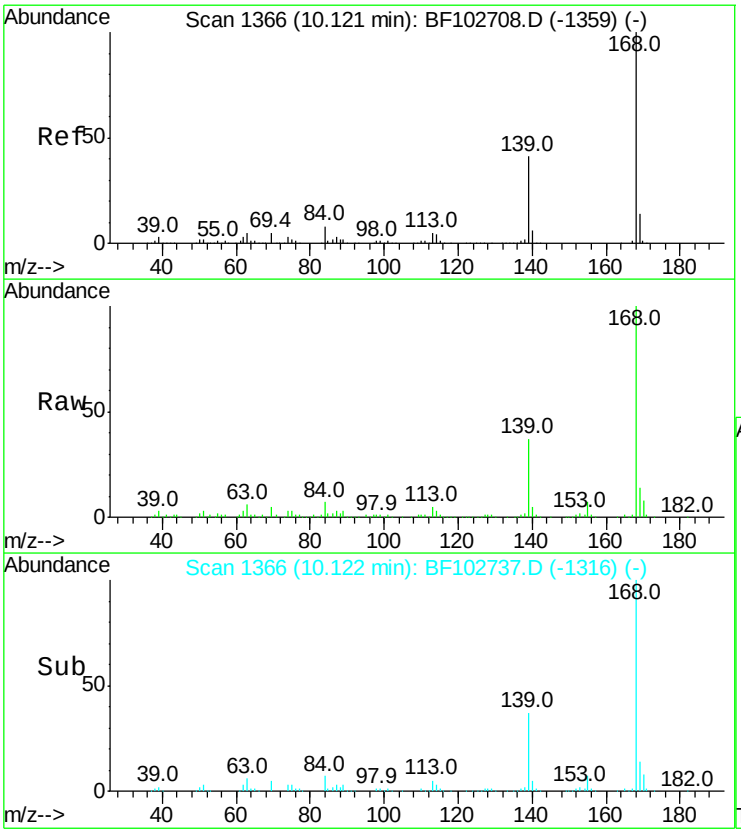
#51
Acenaphthene
Concen: 8.584 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 186931

Ion	Ratio	Lower	Upper
154	100		
153	117.4	91.2	136.8
152	56.4	43.8	65.8

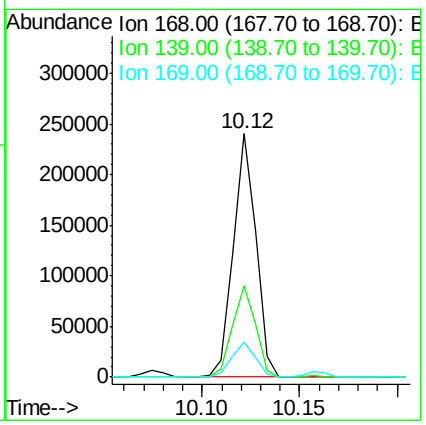


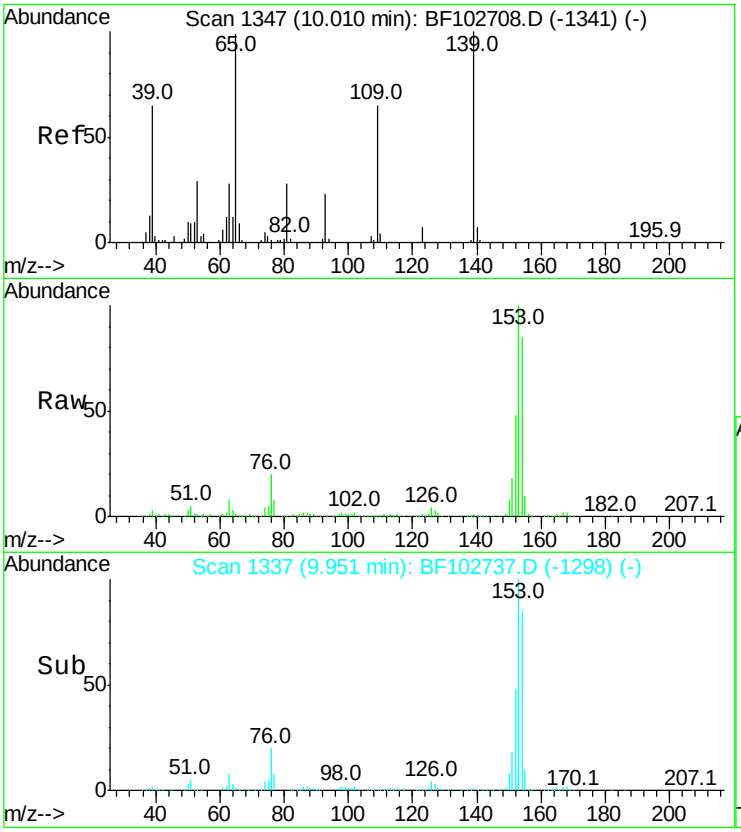


#54
Dibenzofuran
Concen: 6.294 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion:168 Resp: 193175

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.1	45.1
169	14.1	10.9	16.3



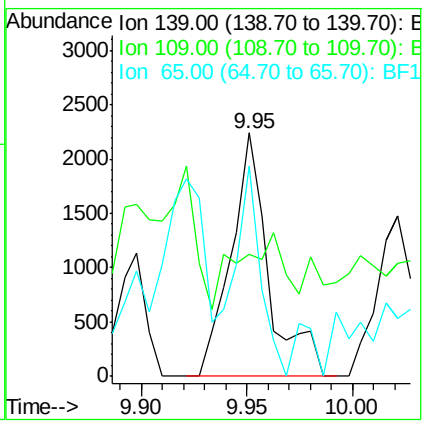


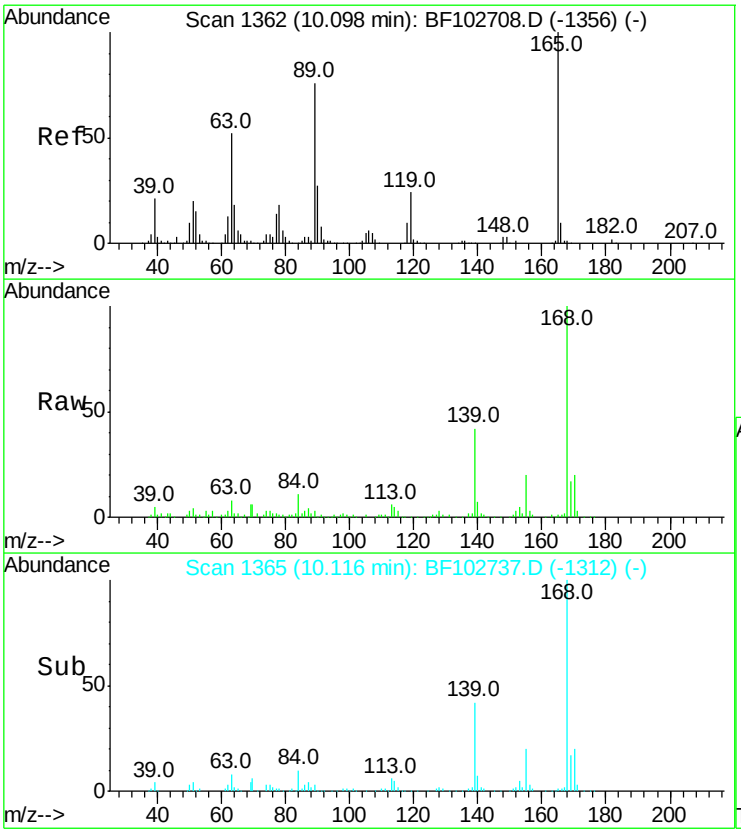
#55
4-Nitrophenol
Concen: 4.518 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.07 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 2761

Ion	Ratio	Lower	Upper
139	100		
109	50.0	48.4	88.4
65	86.4	72.6	112.6

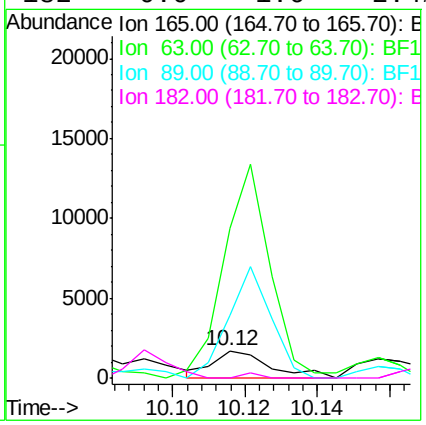


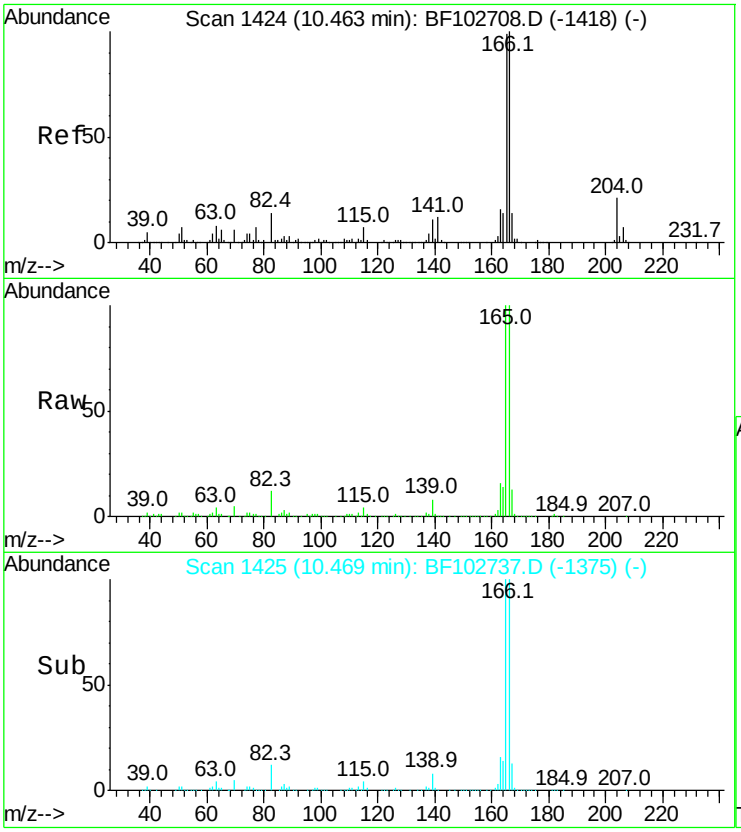


#56
2,4-Dinitrotoluene
Concen: 3.323 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion:165 Resp: 1860

Ion	Ratio	Lower	Upper
165	100		
63	551.9	36.4	54.6#
89	232.2	57.8	86.6#
182	0.0	1.6	2.4#



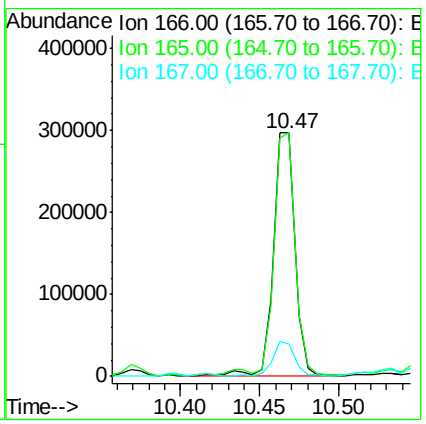


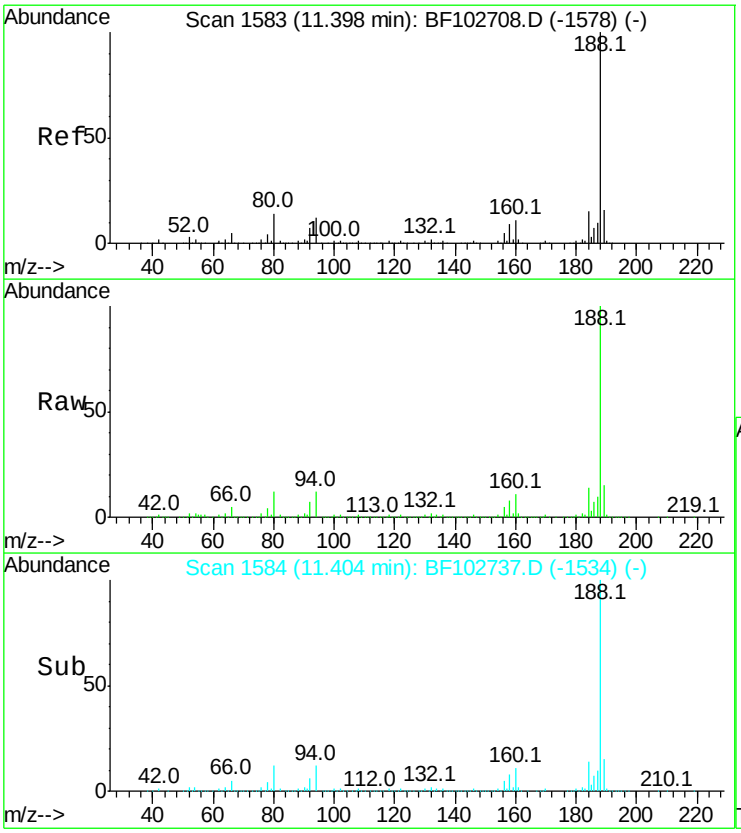
#57
Fluorene
Concen: 12.596 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 281249

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	13.3	10.6	16.0

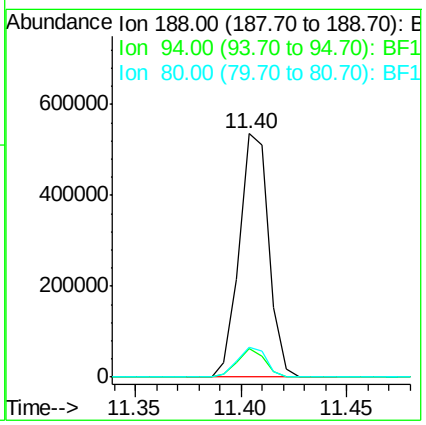


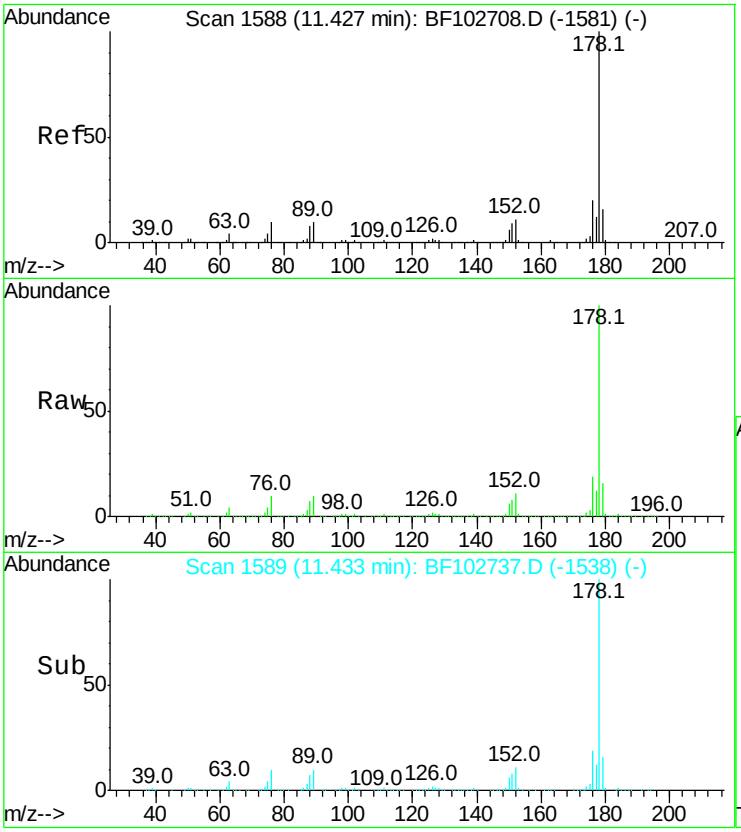


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion:188 Resp: 517830

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	12.3	9.2	13.8



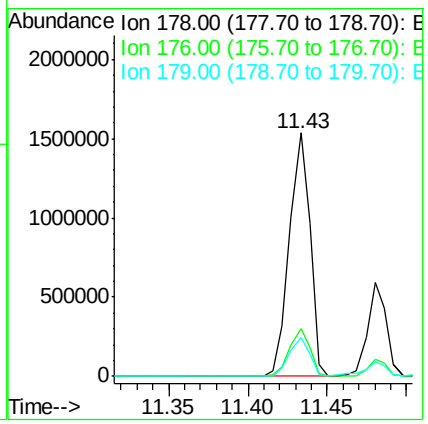


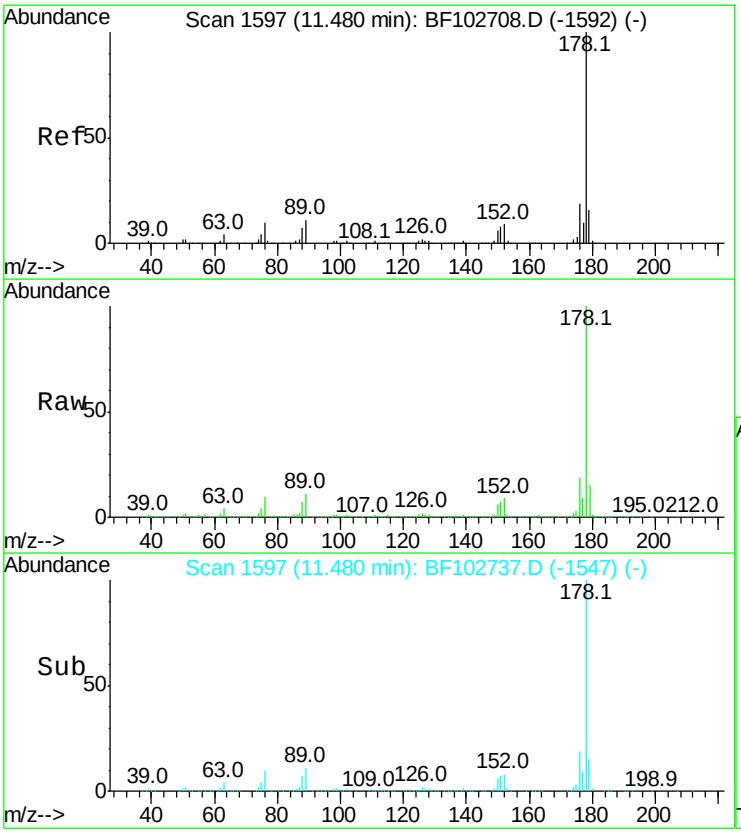
#70
Phenanthrene
Concen: 48.375 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1395112

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.8	13.0	19.6

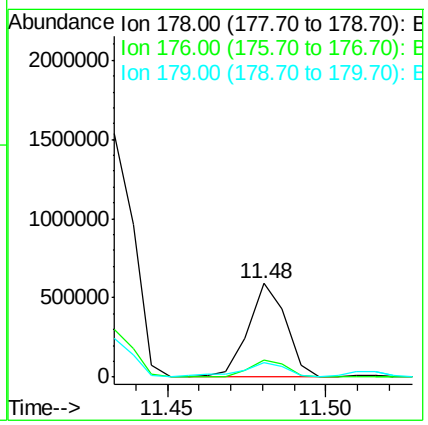


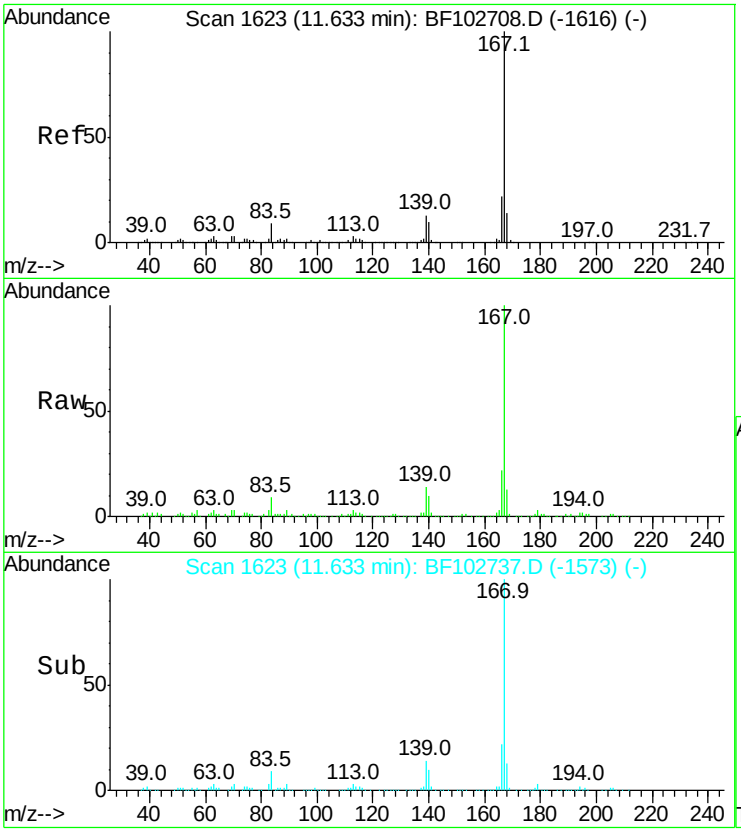


#71
Anthracene
Concen: 16.326 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion:178 Resp: 478889

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.1	12.6	19.0



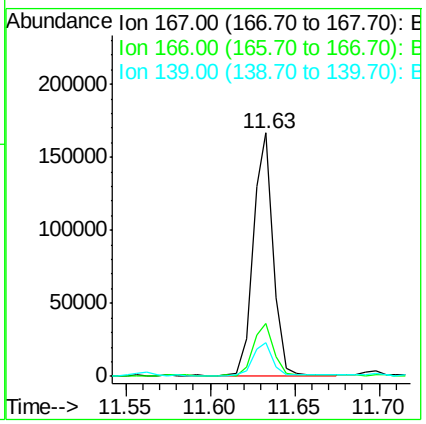


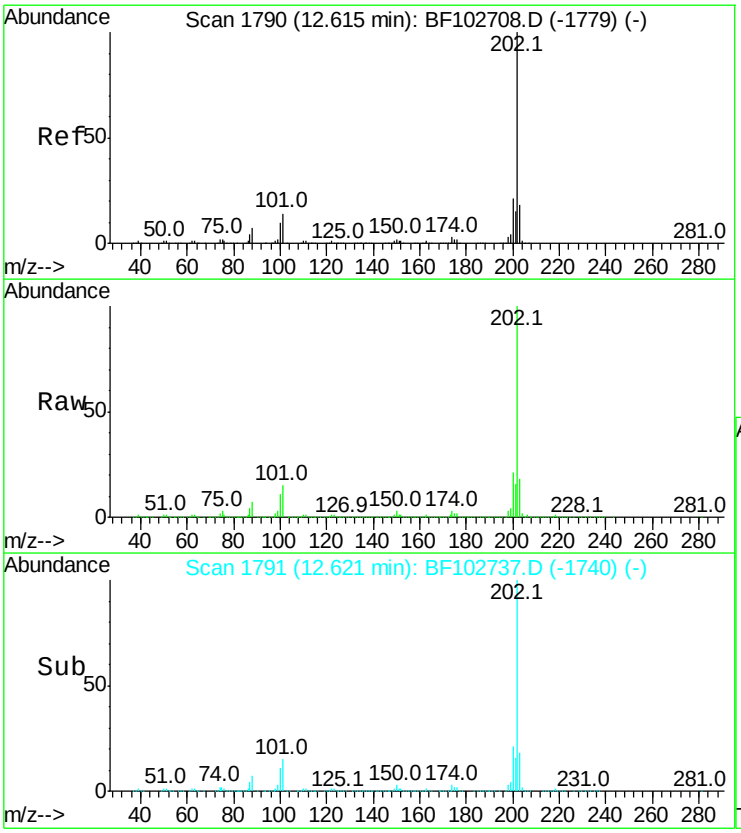
#72
Carbazole
Concen: 4.812 ng
RT: 11.63 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 138269

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	14.0	10.9	16.3

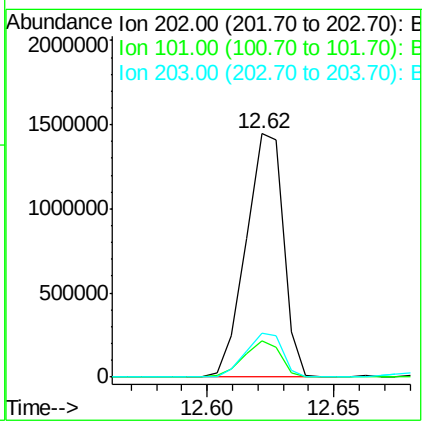


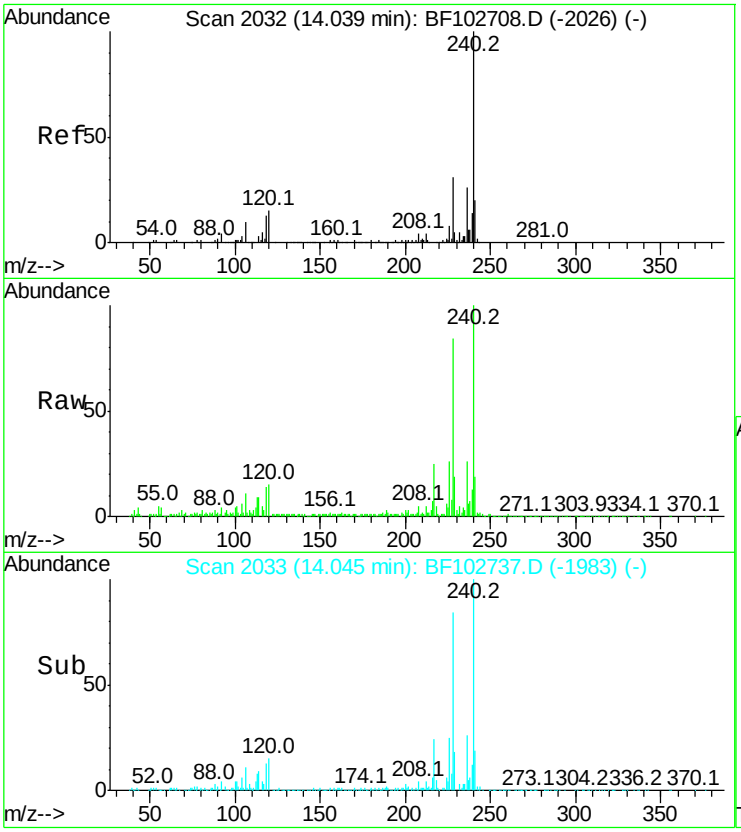


#74
Fluoranthene
Concen: 51.432 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion:202 Resp: 1492372

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	34.1
203	18.2	0.0	38.1



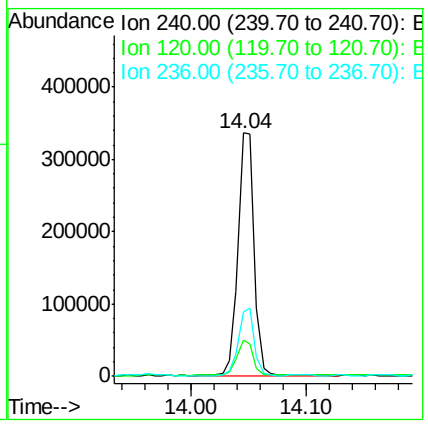


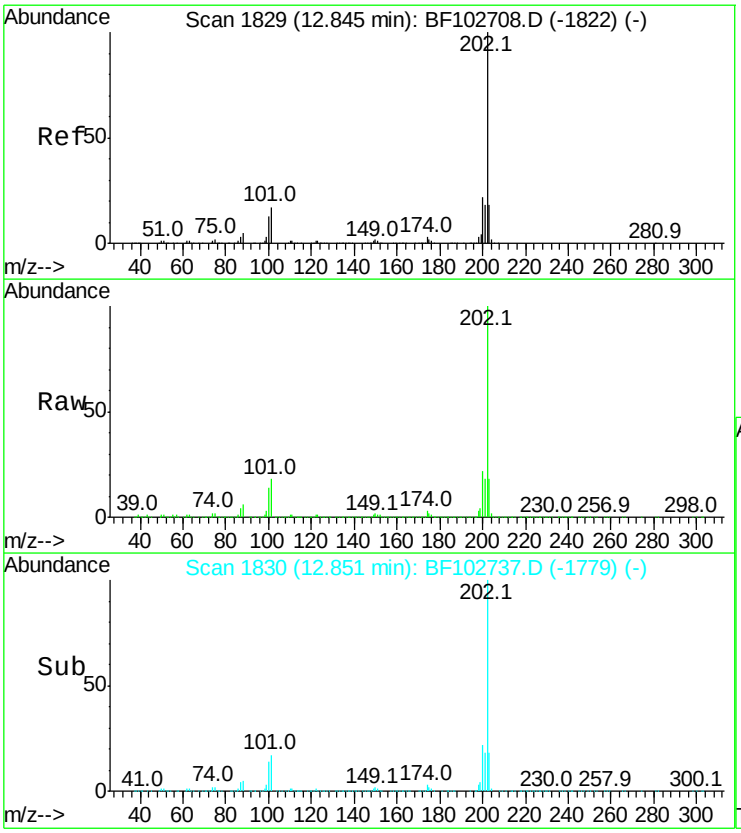
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 325793

Ion	Ratio	Lower	Upper
240	100		
120	15.0	9.5	14.3#
236	26.5	20.7	31.1

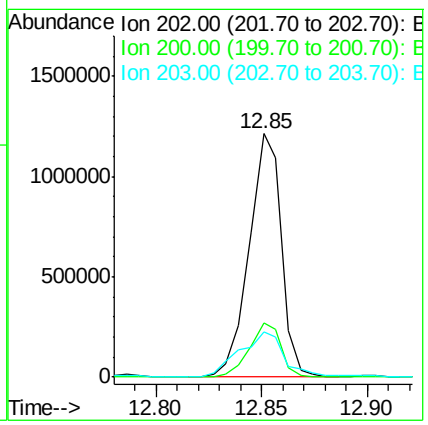


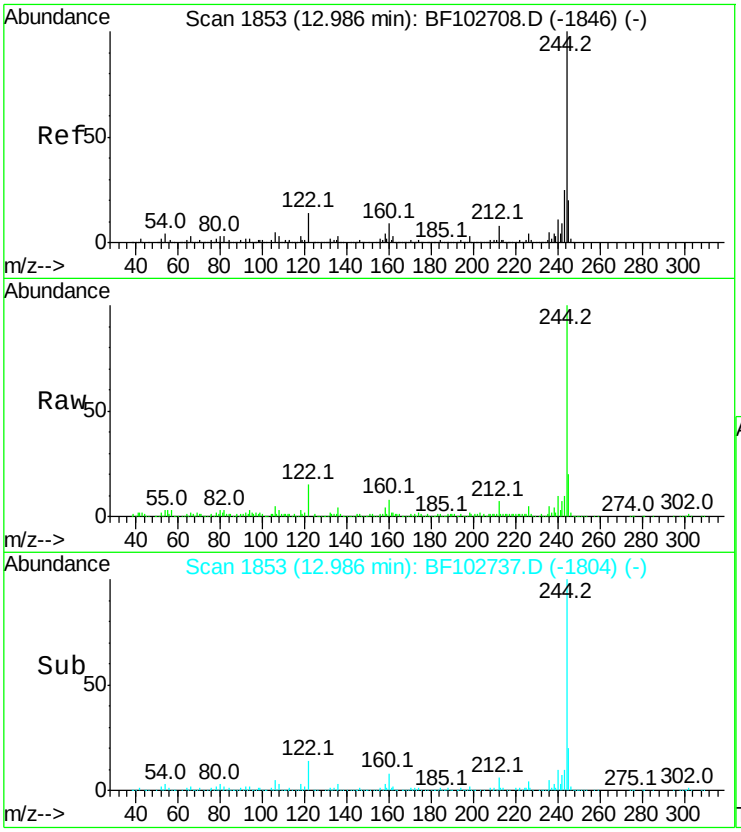


#77
Pyrene
Concen: 50.375 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion:202 Resp: 1286943

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.5	14.3	21.5



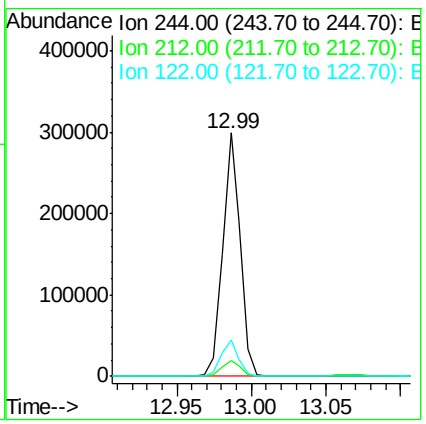


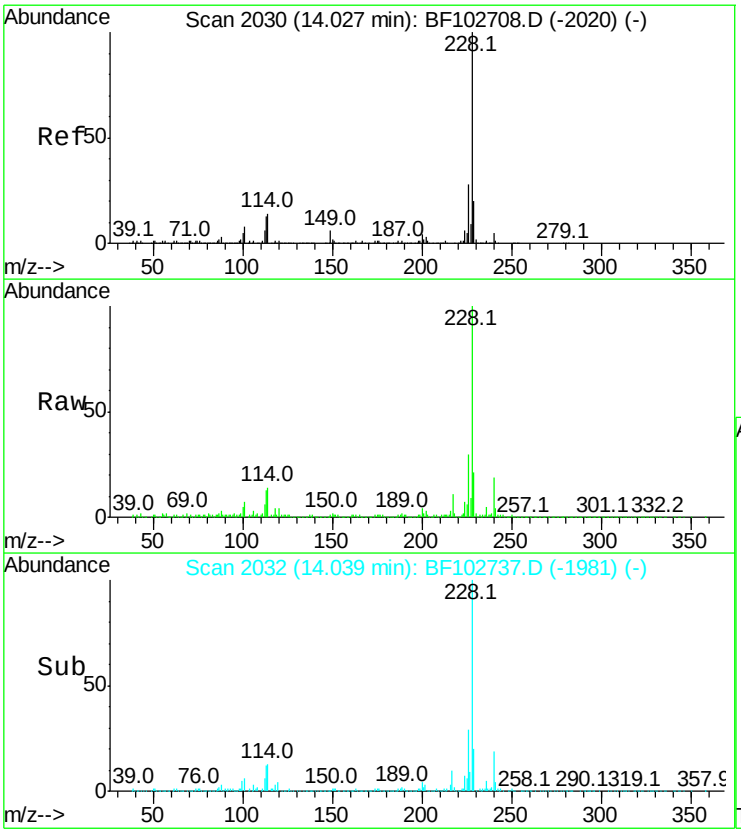
#78
Terphenyl-d14
Concen: 18.081 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 248779

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	14.6	11.0	16.4

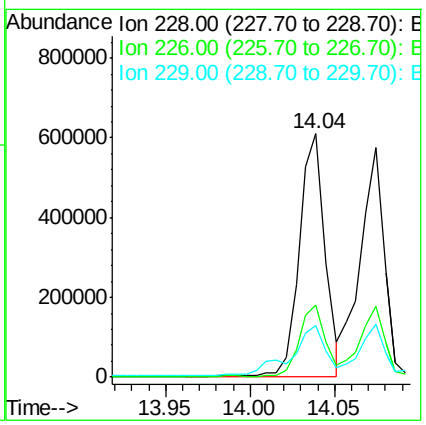


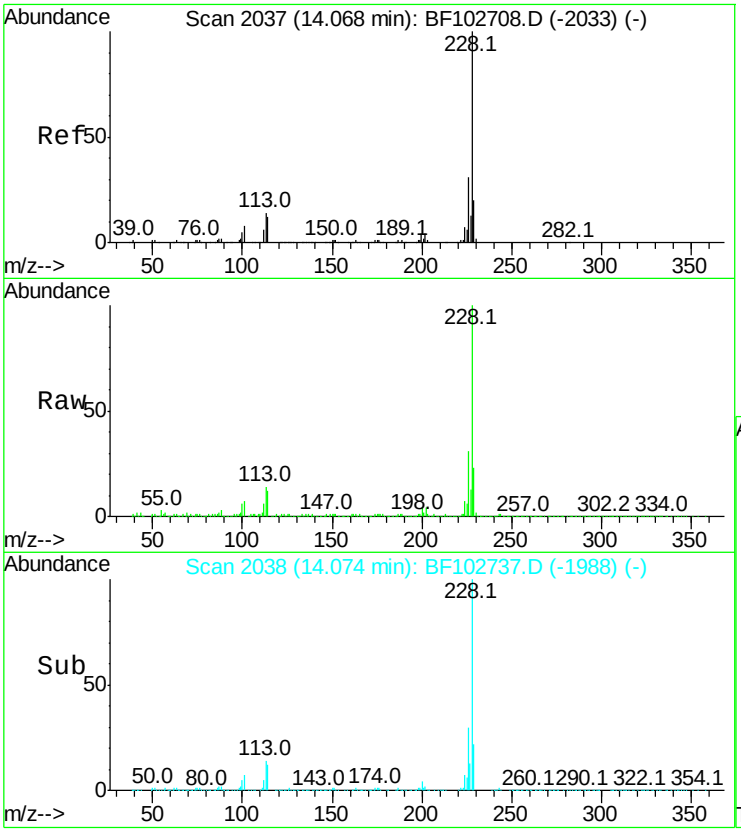


#80
Benzo(a)anthracene
Concen: 31.277 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion:228 Resp: 640839

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	21.1	15.8	23.6



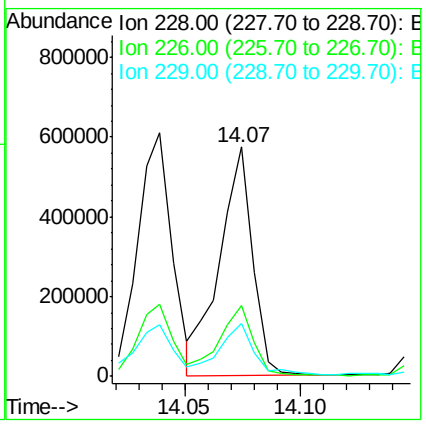


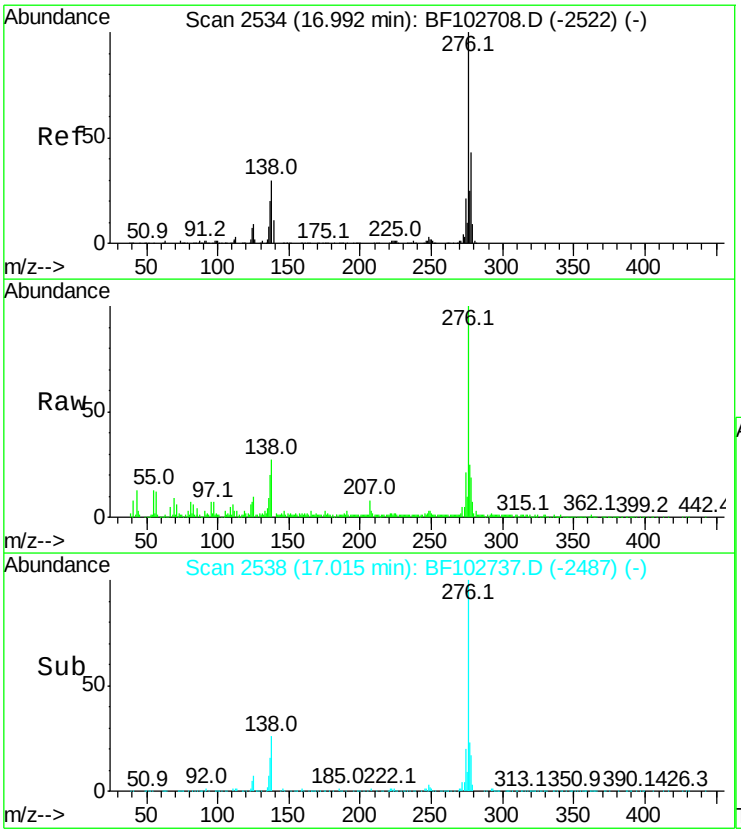
#82
Chrysene
Concen: 27.627 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 570614

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.8	16.2	24.4

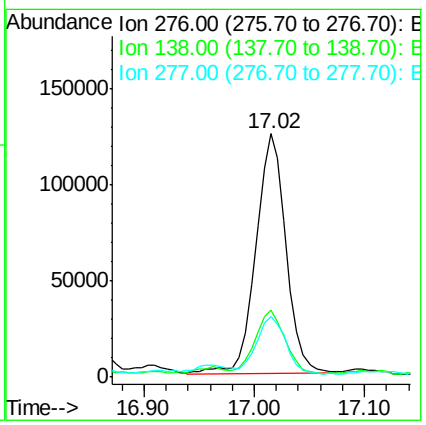


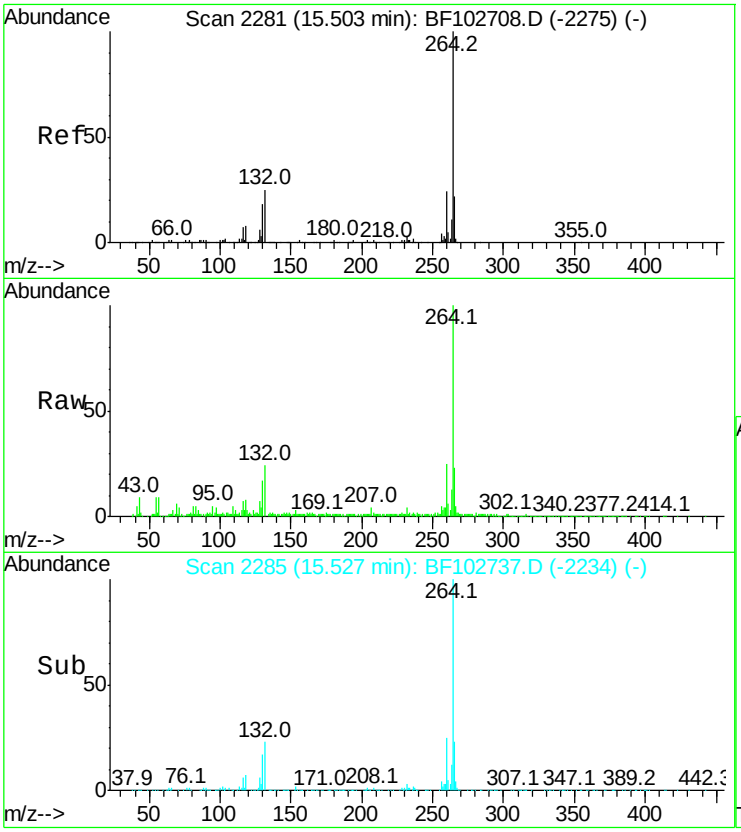


#85
Indeno(1,2,3-cd)pyrene
Concen: 13.874 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion:276 Resp: 237658

Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.0	37.6
277	23.7	20.1	30.1



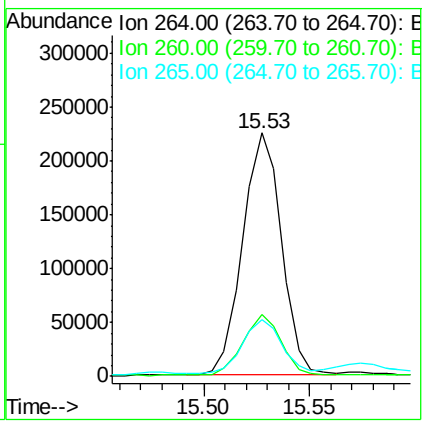


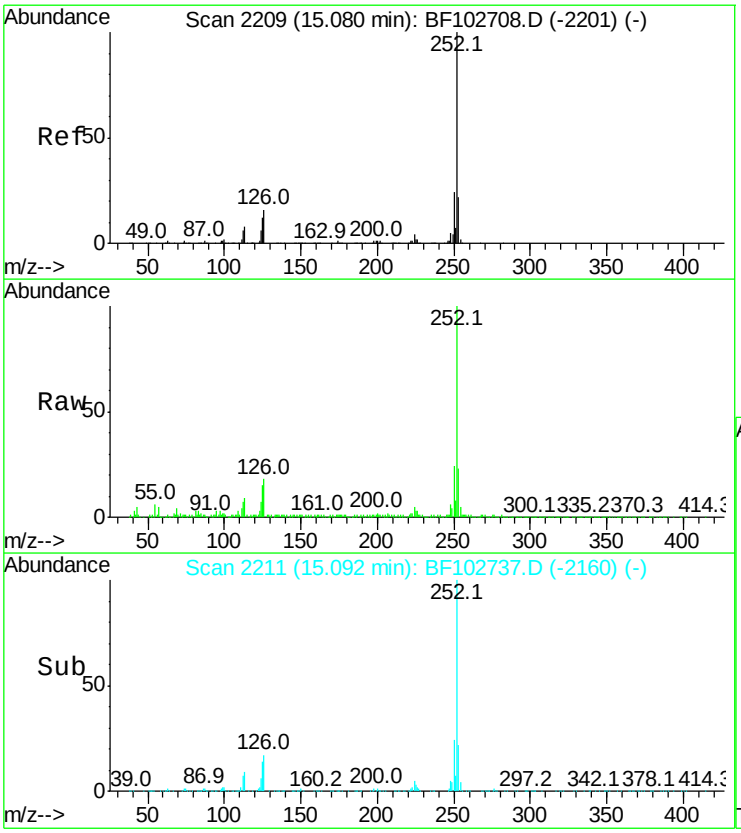
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 288218

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	23.5	17.5	26.3

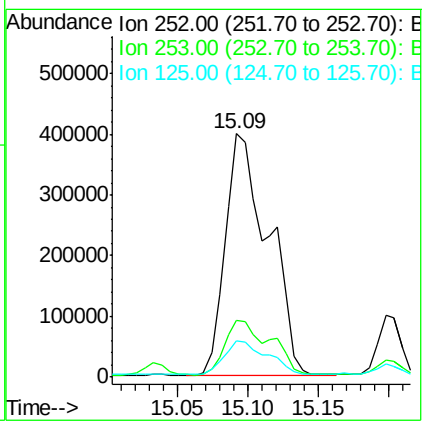


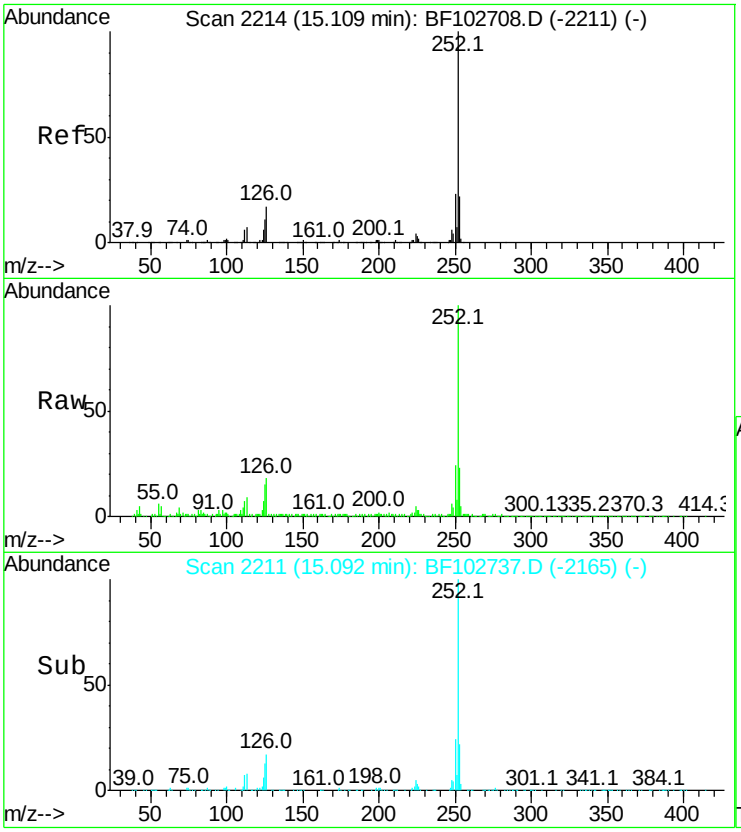


#87
Benzo(b)fluoranthene
Concen: 45.589 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion:252 Resp: 851878

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	14.7	9.0	13.6#



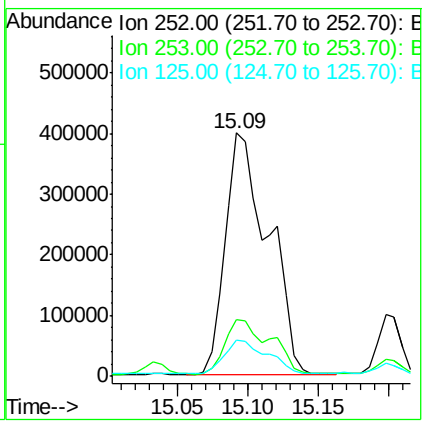


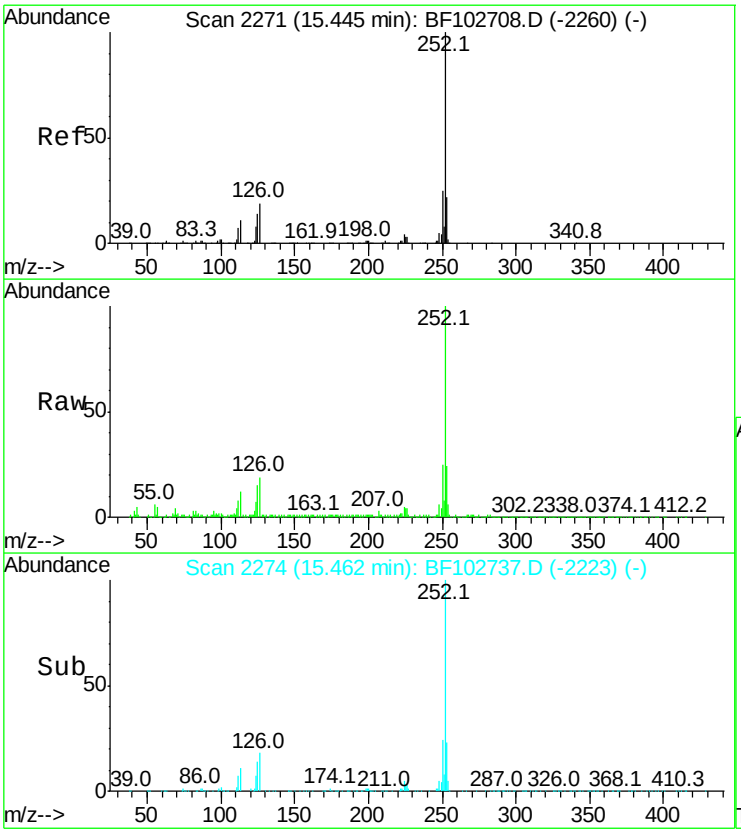
#88
Benzo(k)fluoranthene
Concen: 47.712 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.03 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 851878

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	14.7	10.2	15.2

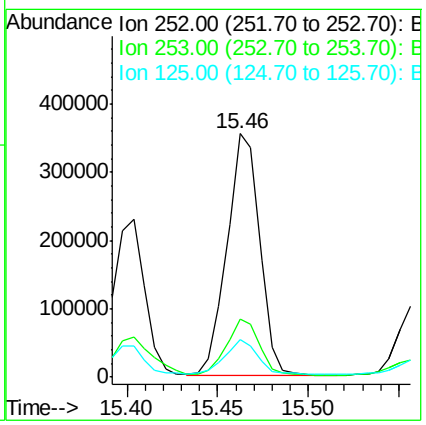


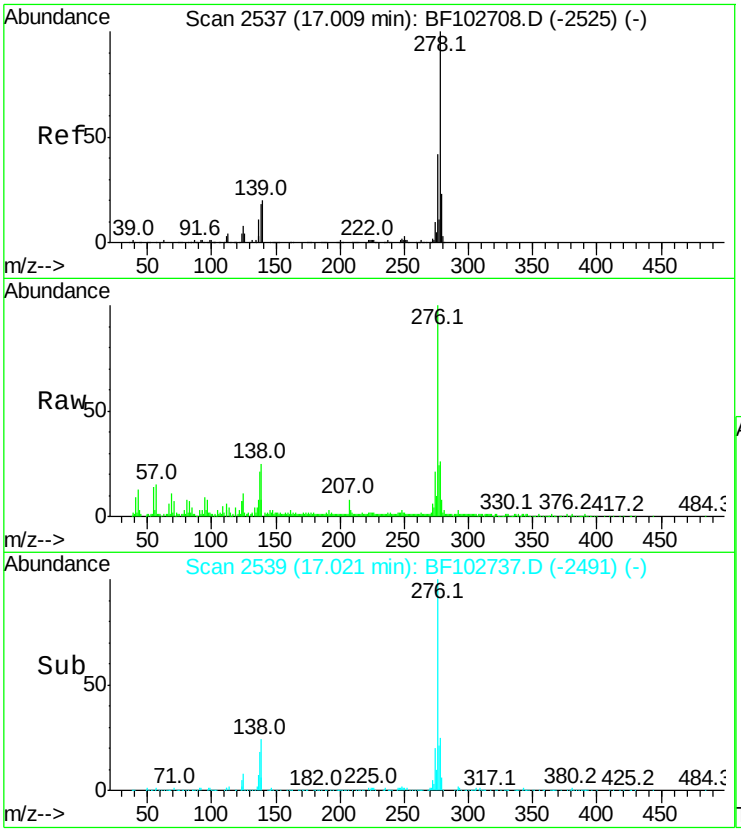


#89
Benzo(a)pyrene
Concen: 26.606 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion:252 Resp: 447515

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	15.5	9.8	14.6#



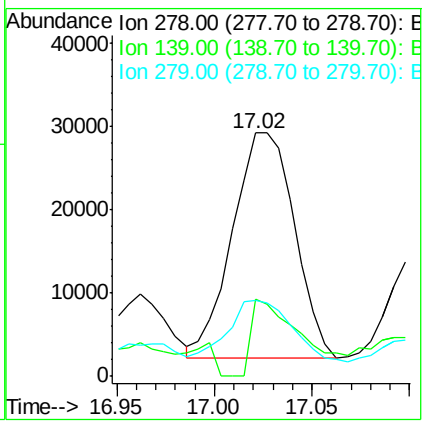


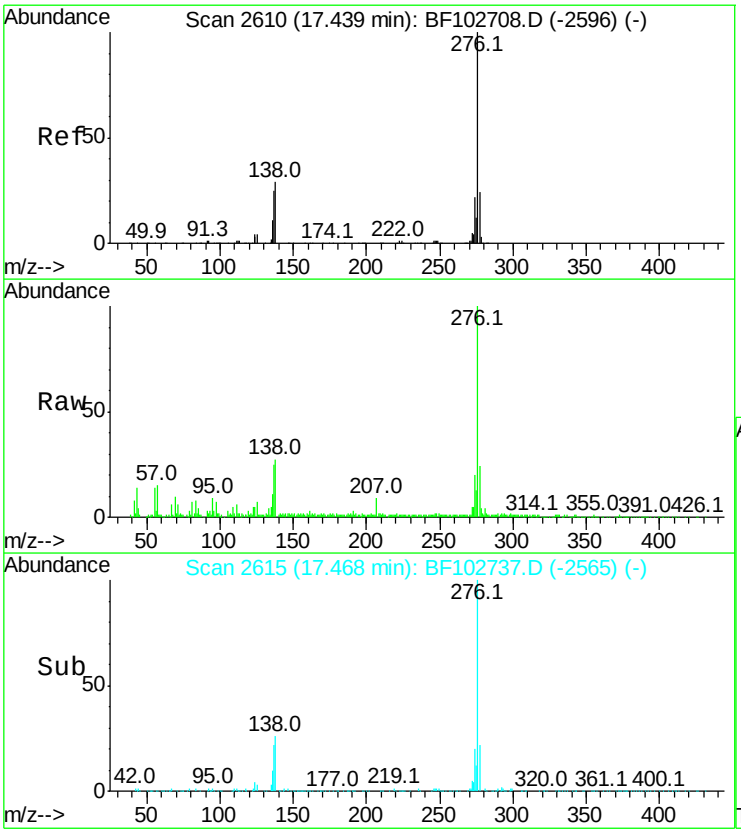
#90
Dibenzo(a,h)anthracene
Concen: 4.359 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.02 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 59504

Ion	Ratio	Lower	Upper
278	100		
139	31.6	15.9	23.9#
279	31.4	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 15.907 ng
RT: 17.47 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion:276 Resp: 212555

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	27.0	21.8	32.8