Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108858.D
Acq On : 7 Sep 2018 14:11
Operator : JU/SJ
Sample : J4774-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 07 14:43:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	266103	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1044452	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	499282	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	819344	20.00	ng	0.00
75) Chrysene-d12	13.87	240	591933	20.00	ng	0.00
86) Perylene-d12	15.28	264	556008	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	132344	8.24	ng	0.00
7) Phenol-d6	6.36	99	176850	8.56	ng	0.00
23) Nitrobenzene-d5	7.29	82	103324	6.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	28431	5.96	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	211906	7.24	ng	0.00
78) Terphenyl-d14	12.82	244	161360	6.36	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.29	82	102628	3.083	ng	# 64
32) Benzoic acid	8.02	122	169	4.036	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	64849	9.746	ng	# 25
56) 2,4-Dinitrotoluene	9.77	165	64849	7.621	ng	# 23
70) Phenanthrene	11.27	178	263009	6.722	ng	98
74) Fluoranthene	12.45	202	390915	10.091	ng	98
77) Pyrene	12.68	202	387815	8.514	ng	99
80) Benzo(a)anthracene	13.86	228	186204	4.908	ng	# 92
82) Chrysene	13.89	228	174056	4.739	ng	97
85) Indeno(1,2,3-cd)pyrene	16.62	276	79140	2.435	ng	93
87) Benzo(b)fluoranthene	14.88	252	284979	9.426	ng	96
88) Benzo(k)fluoranthene	14.88	252	284979	10.236	ng	99
89) Benzo(a)pyrene	15.21	252	147031	5.390	ng	96
91) Benzo(g,h,i)perylene	17.03	276	72417	3.009	ng	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
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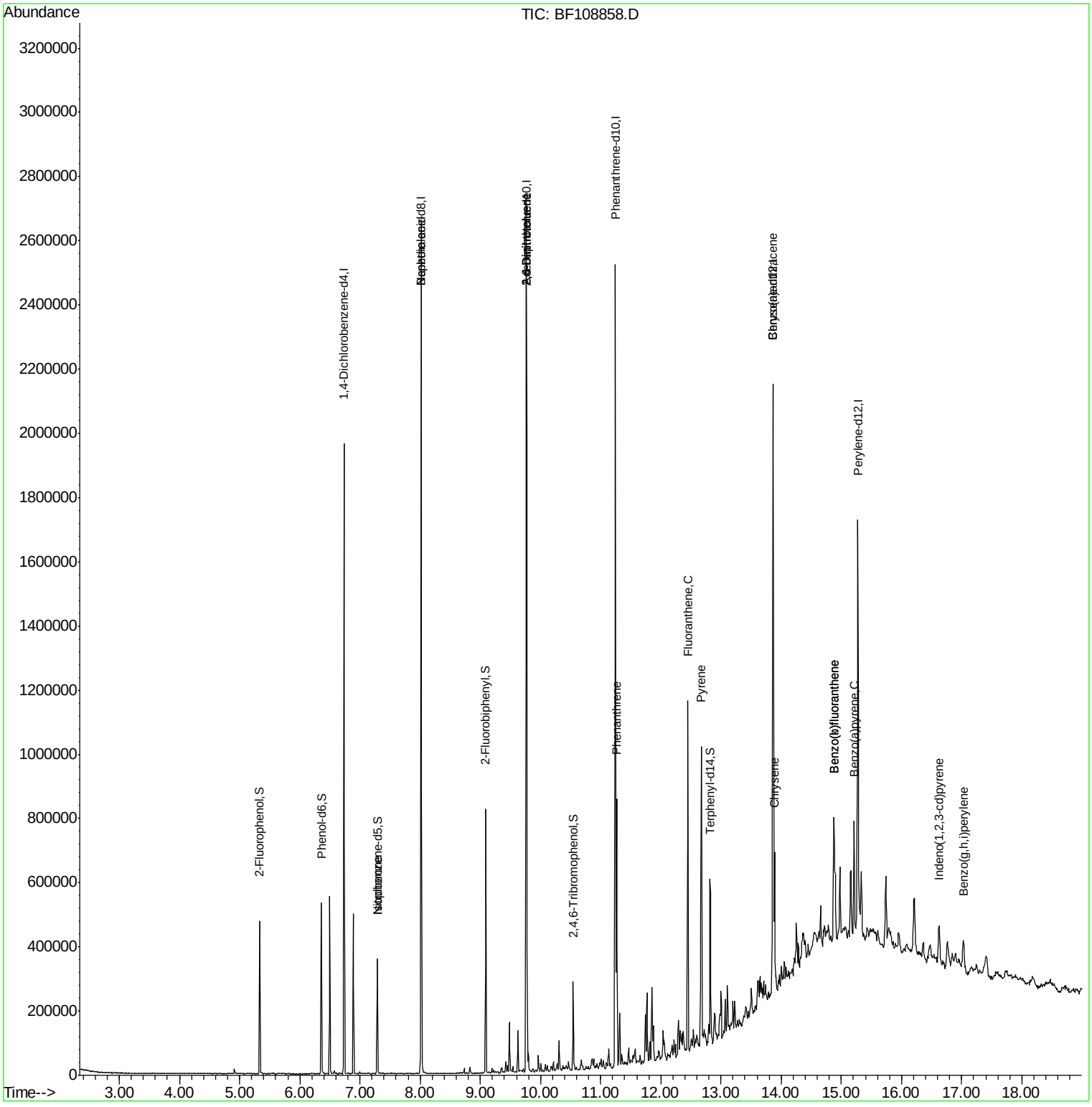
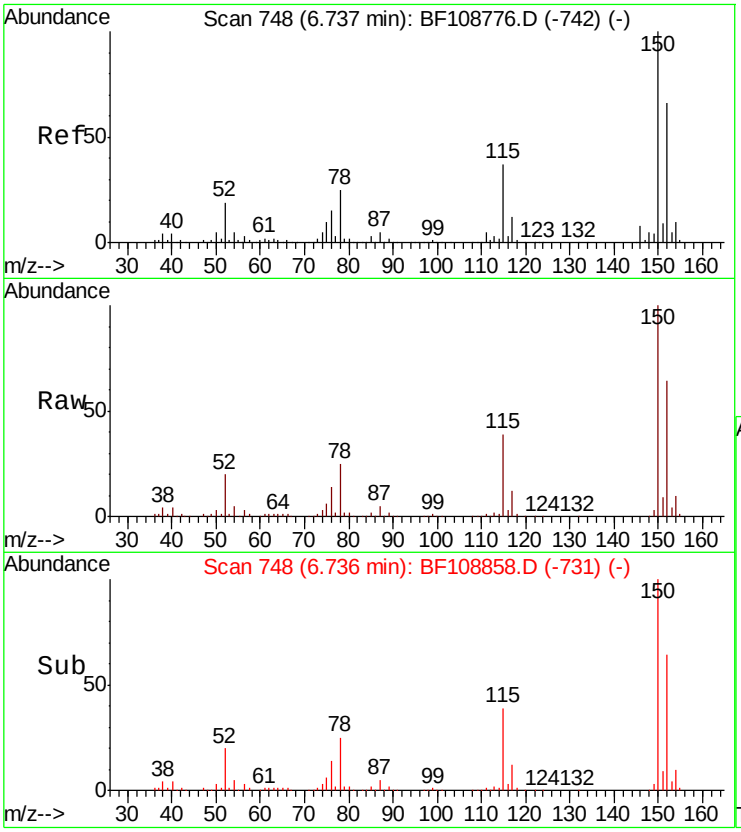
Acq On : 7 Sep 2018 14:11
Operator : JU/SJ
Sample : J4774-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 07 14:43:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



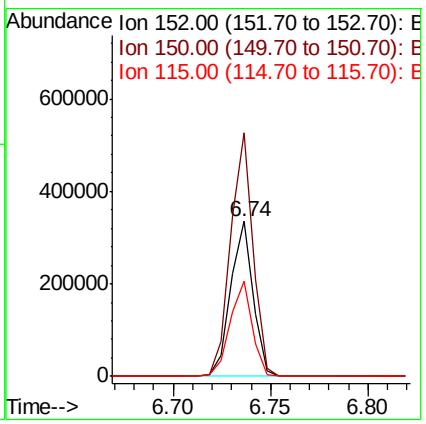


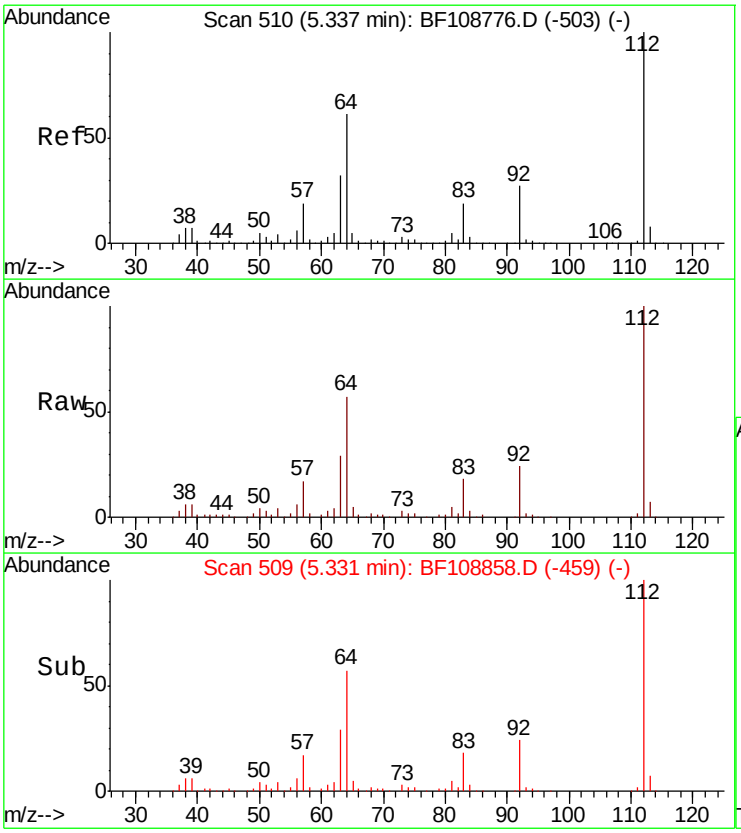
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 266103

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	61.6	50.1	75.1

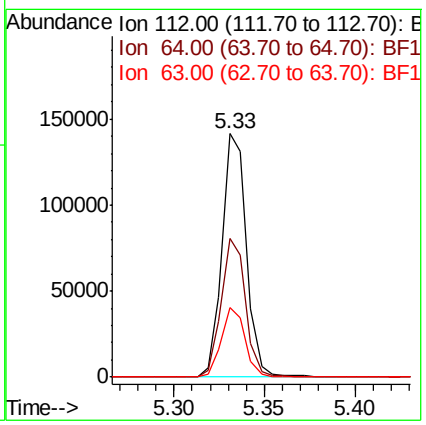


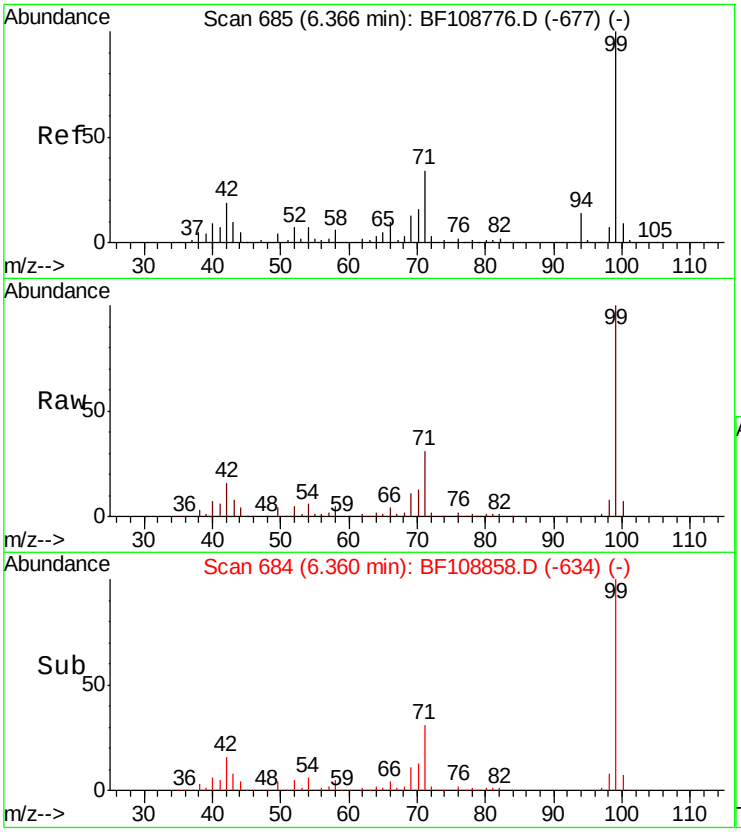


#5
2-Fluorophenol
Concen: 8.239 ng
RT: 5.33 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Tgt Ion:112 Resp: 132344

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	28.5	23.7	35.5



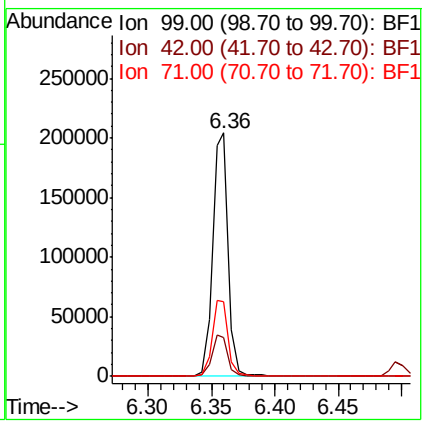


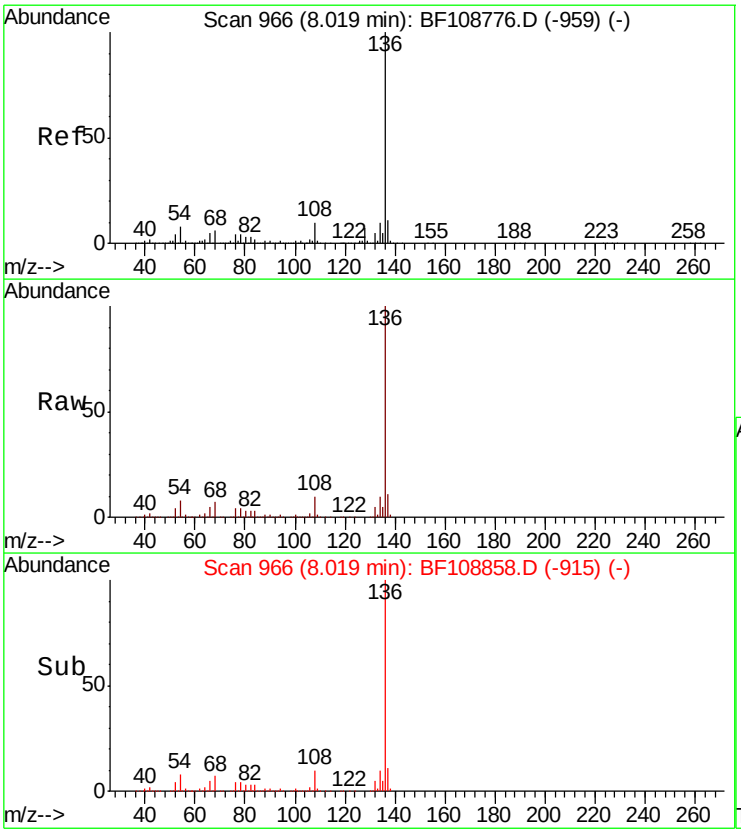
#7
Phenol-d6
Concen: 8.557 ng
RT: 6.36 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 176850

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.5	21.7
71	30.9	25.4	38.0

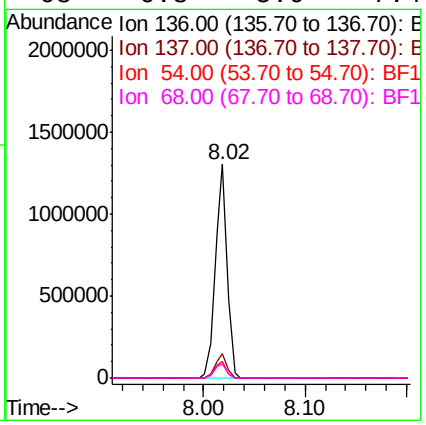


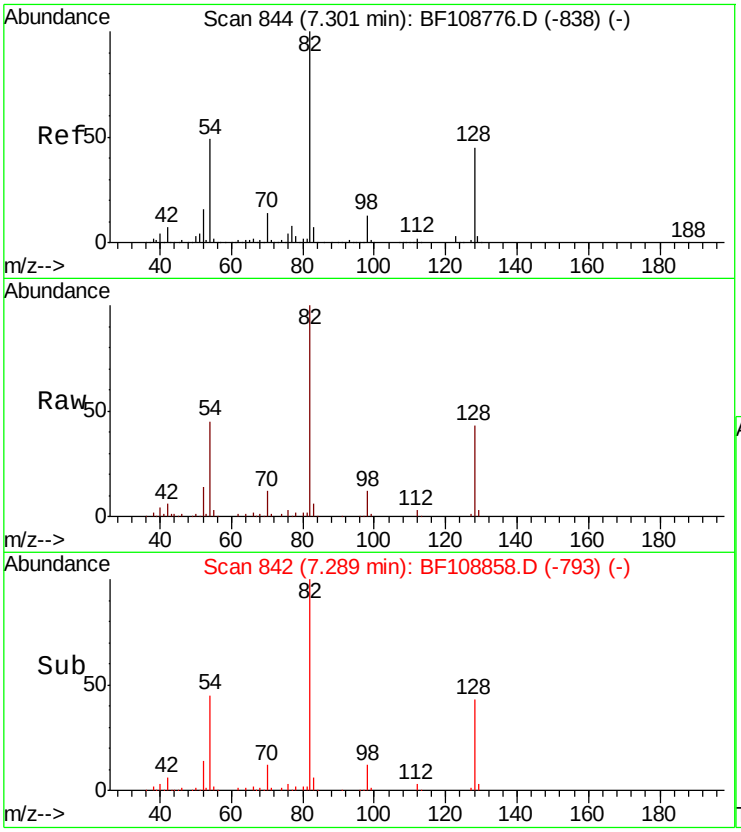


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Tgt Ion:136 Resp: 1044452

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.6	6.6	9.8
68	6.8	5.0	7.4



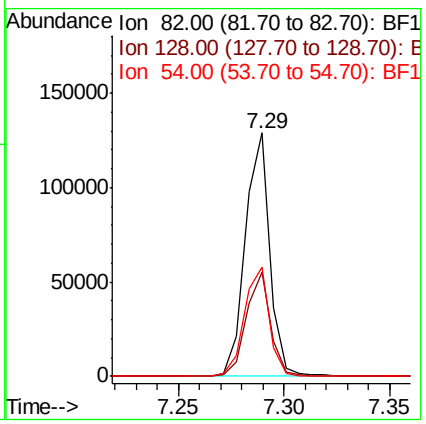


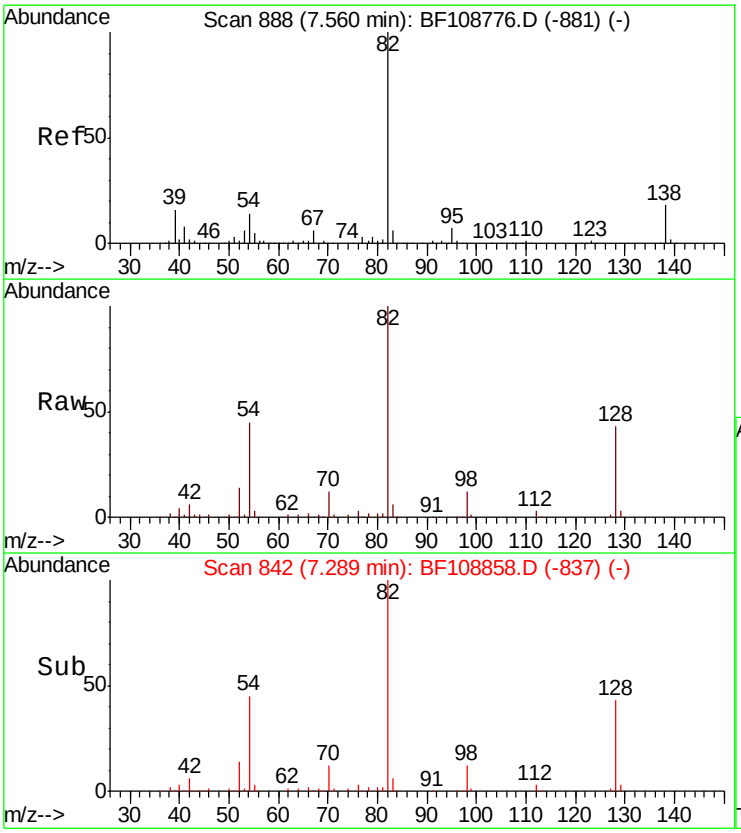
#23
Nitrobenzene-d5
Concen: 6.191 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 103324

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	44.9	41.4	62.2

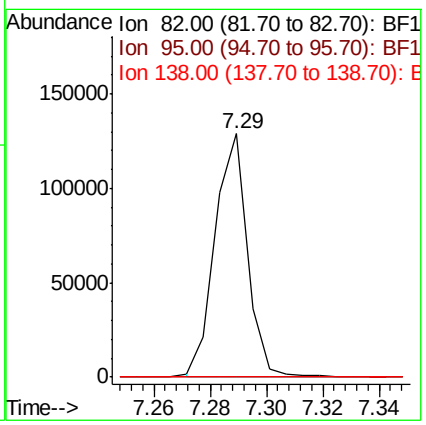


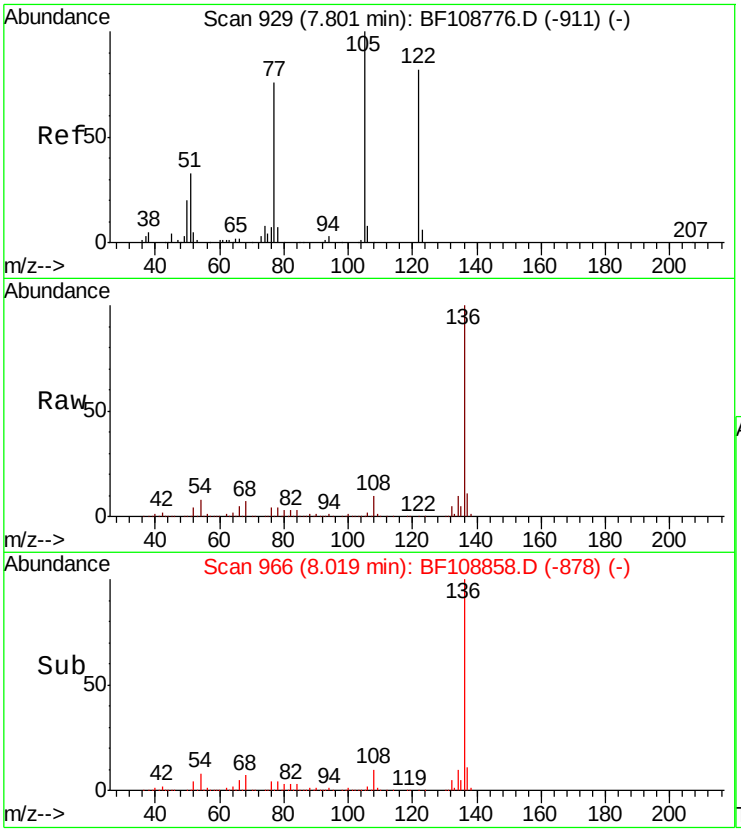


#25
Isophorone
Concen: 3.083 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.27 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Tgt Ion: 82 Resp: 102628

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



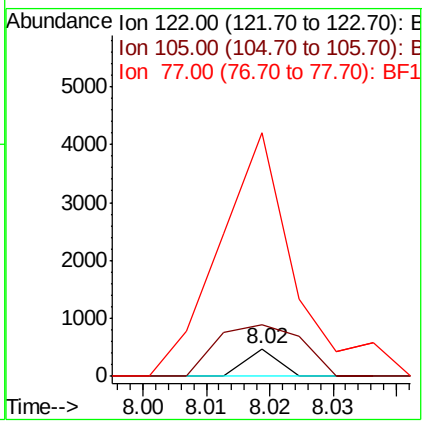


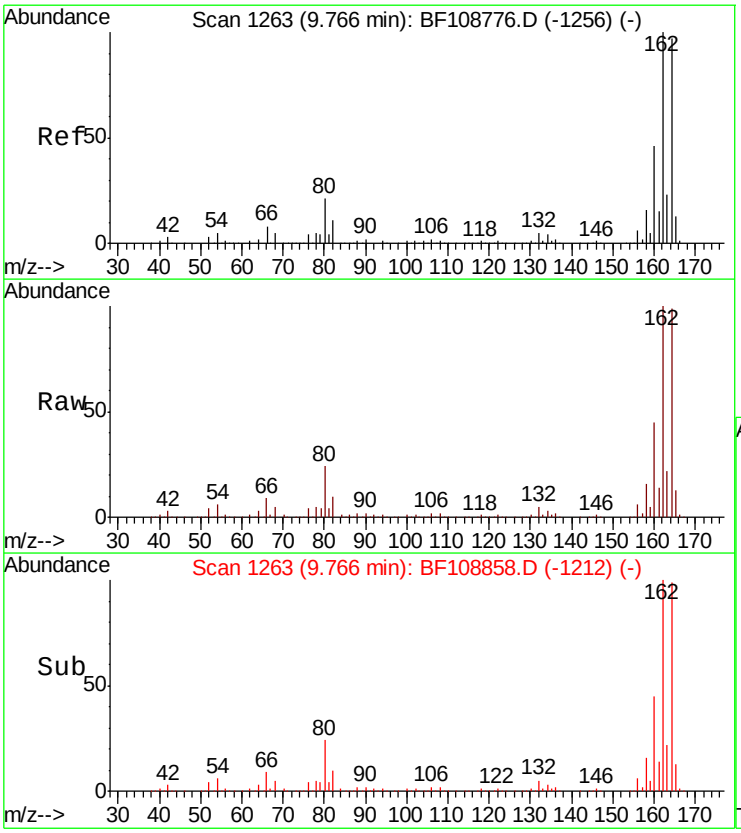
#32
Benzoic acid
Concen: 4.036 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.22 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 169

Ion	Ratio	Lower	Upper
122	100		
105	184.3	101.1	141.1#
77	879.1	70.7	110.7#

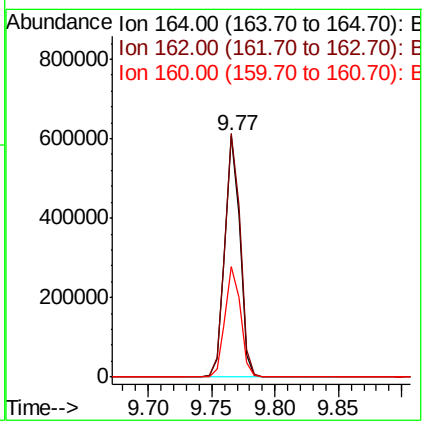


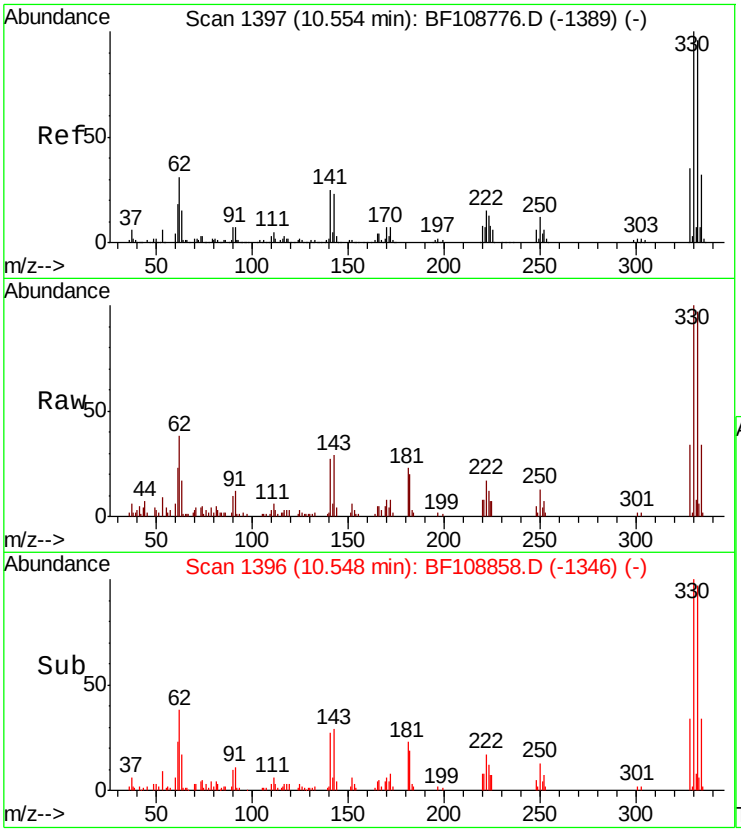


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Tgt Ion:164 Resp: 499282

Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	45.7	38.3	57.5



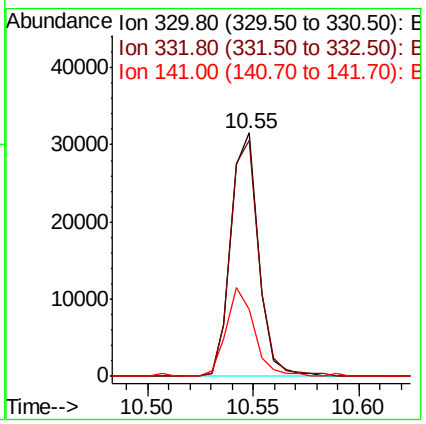


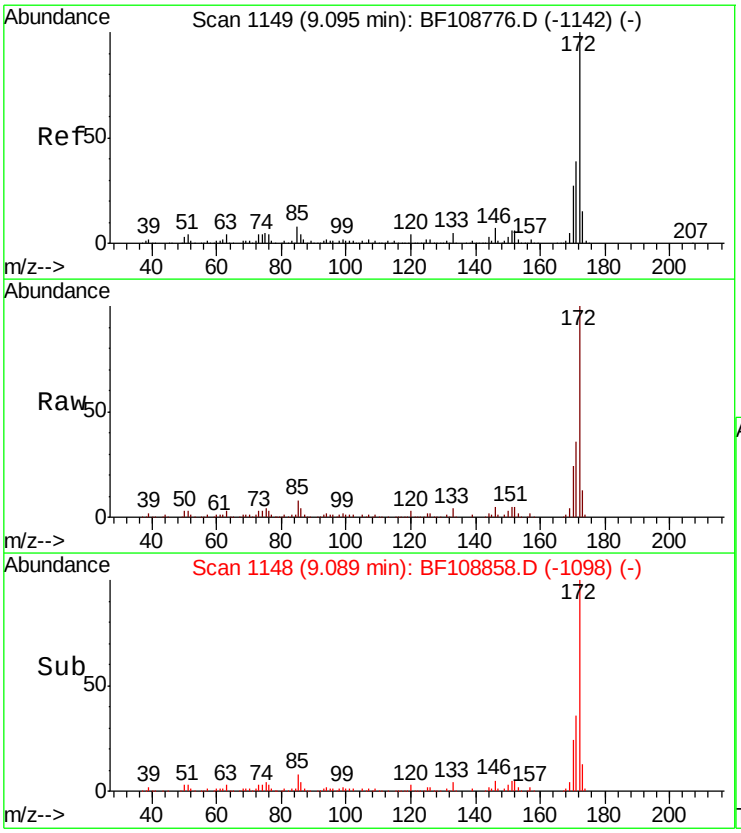
#41
2,4,6-Tribromophenol
Concen: 5.965 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 28431

Ion	Ratio	Lower	Upper
330	100		
332	99.8	77.0	115.6
141	36.7	29.9	44.9

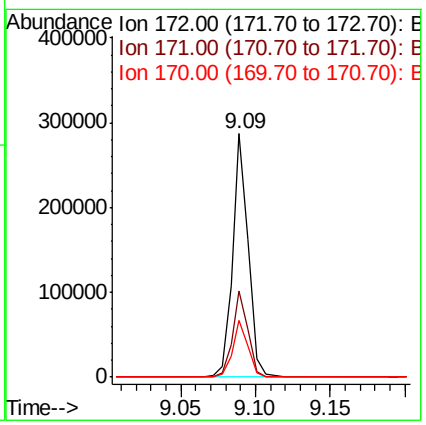


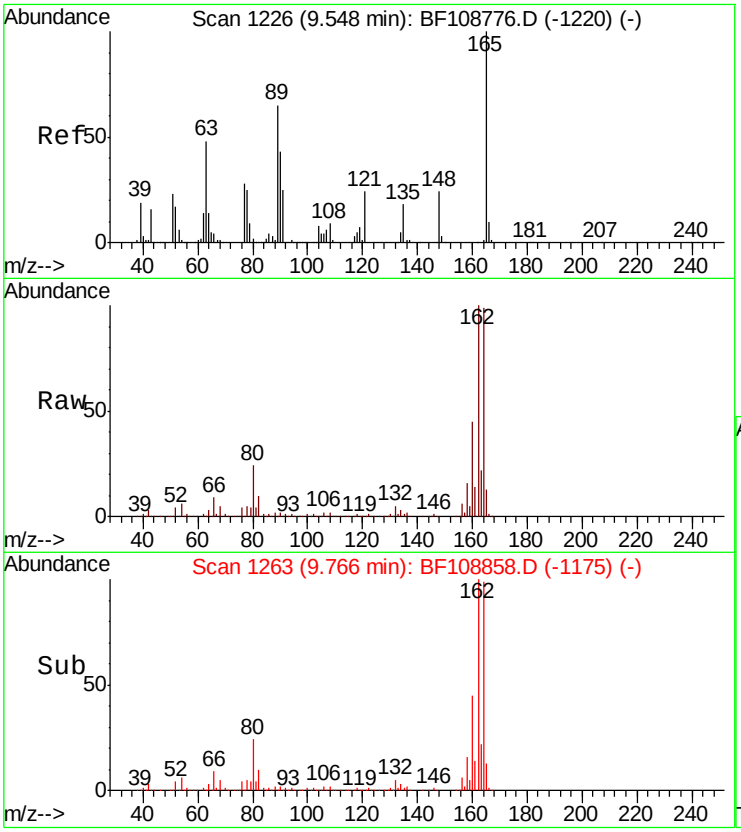


#44
2-Fluorobiphenyl
Concen: 7.241 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Tgt Ion:172 Resp: 211906

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.5	19.6	29.4



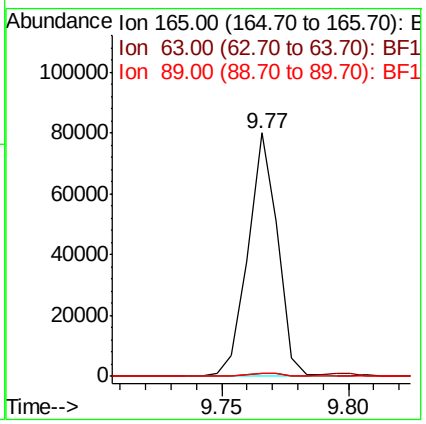


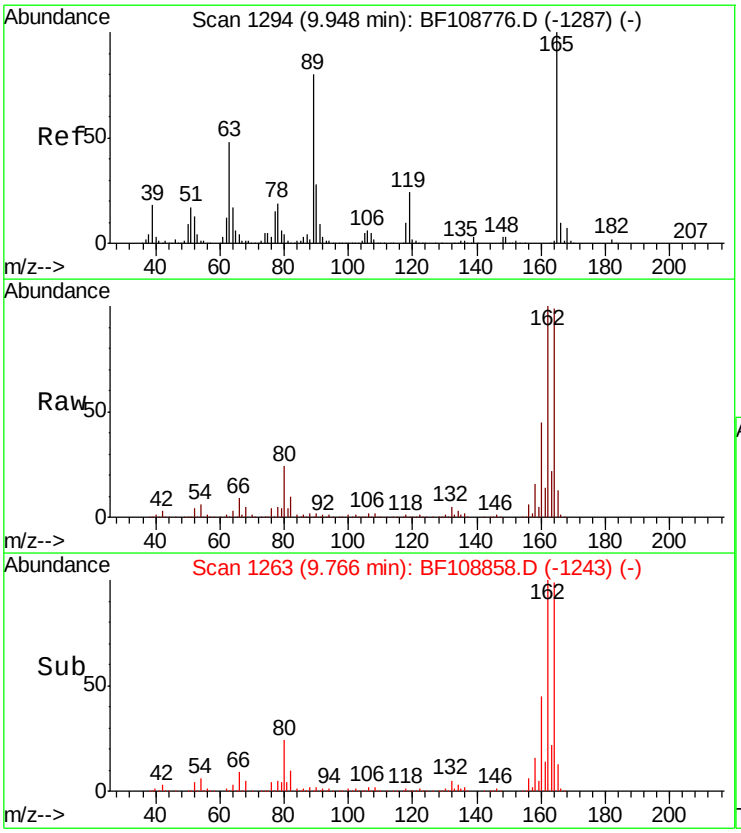
#50
2,6-Dinitrotoluene
Concen: 9.746 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 64849

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.3	44.0	66.0#

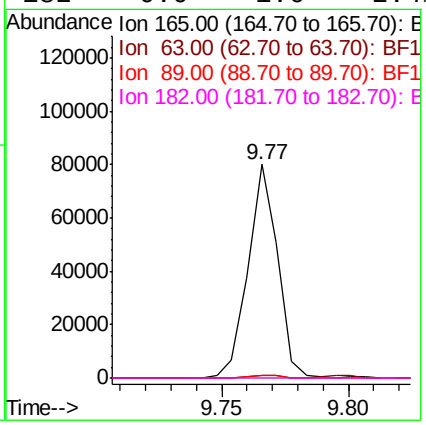


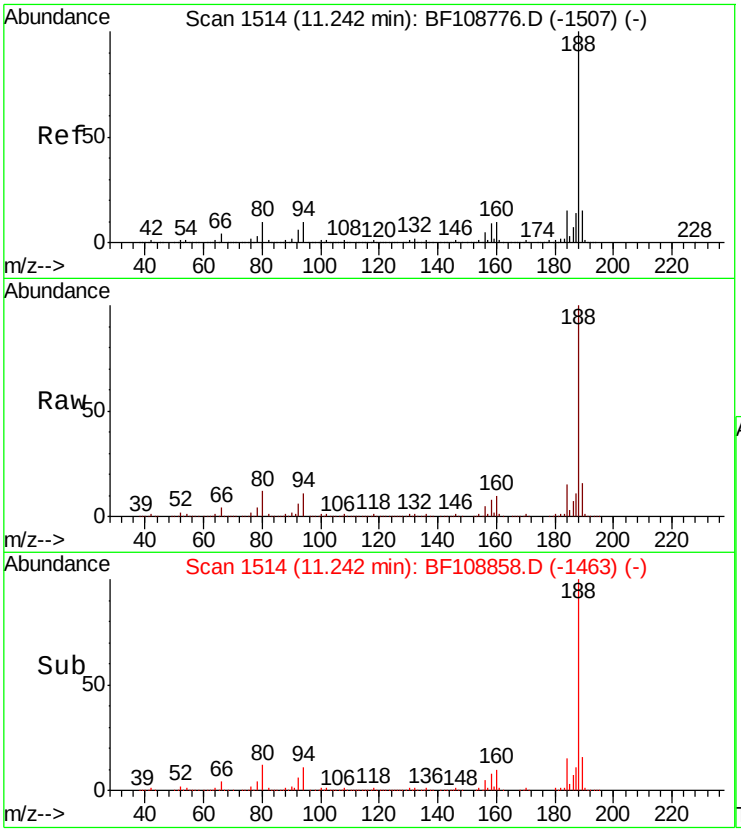


#56
2,4-Dinitrotoluene
Concen: 7.621 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Tgt Ion:165 Resp: 64849

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



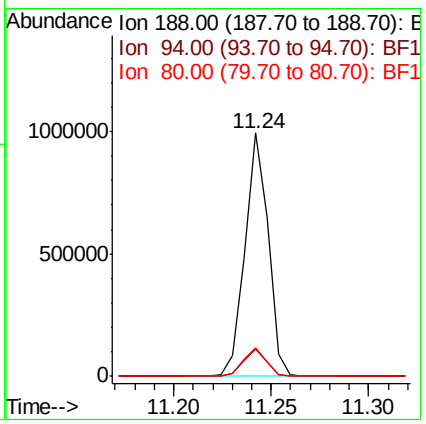


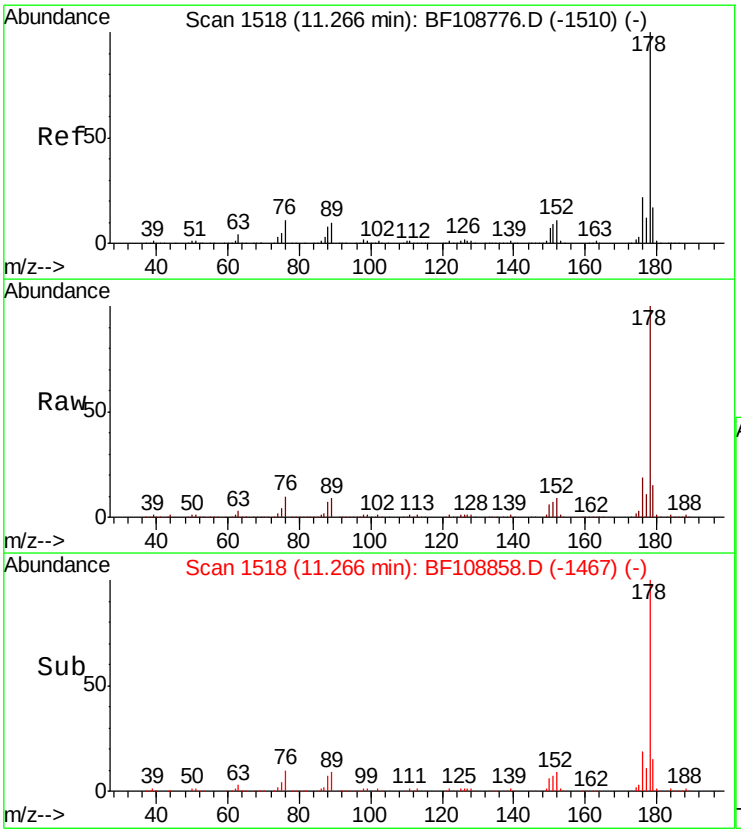
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 819344

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.7	9.2	13.8

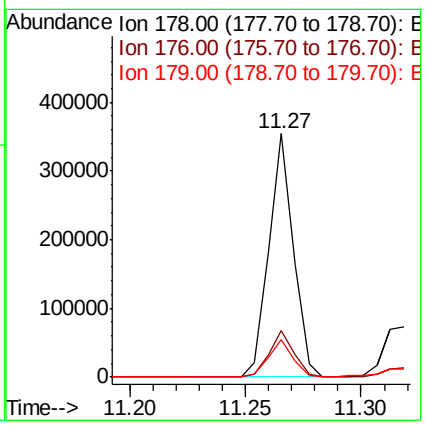


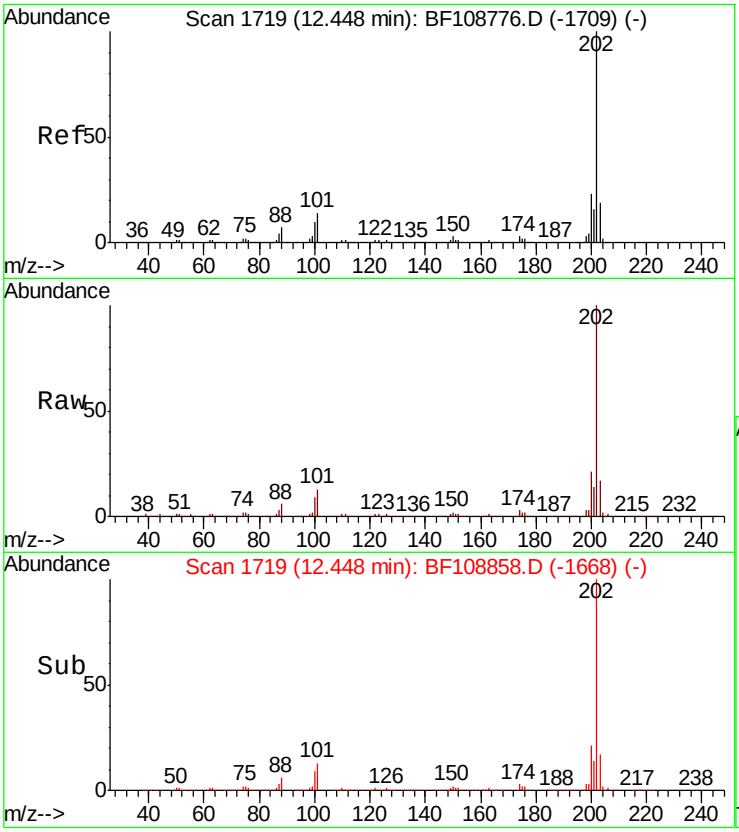


#70
Phenanthrene
Concen: 6.722 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Tgt Ion:178 Resp: 263009

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.5	13.0	19.6



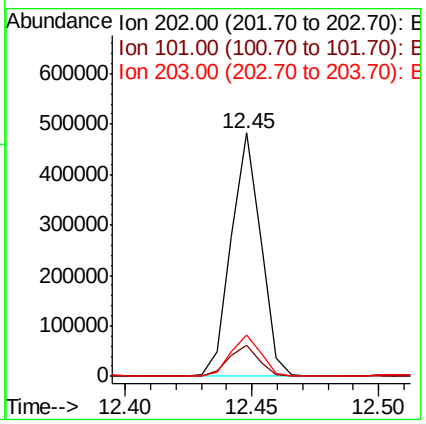


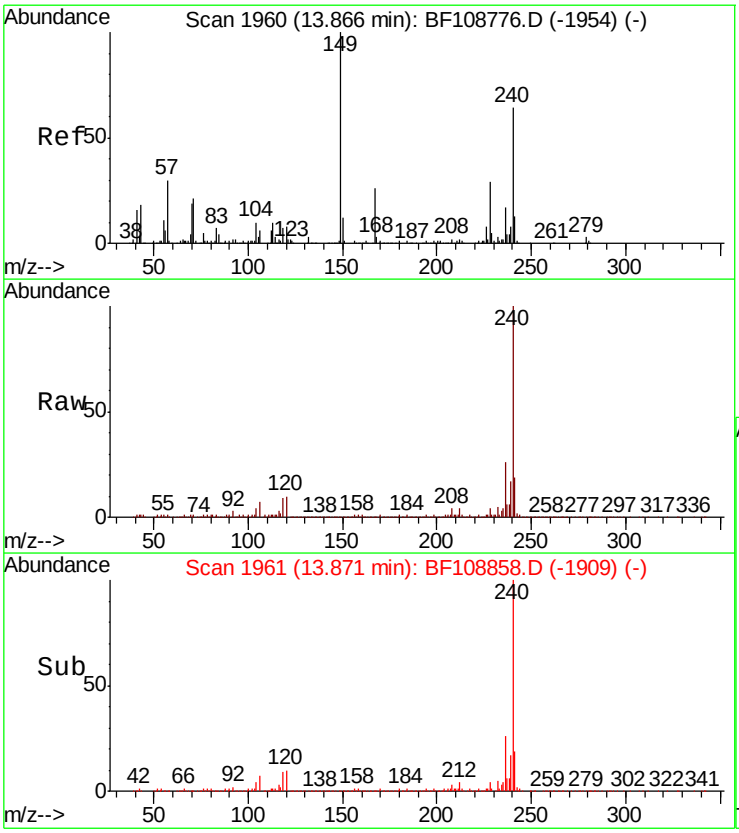
#74
Fluoranthene
Concen: 10.091 ng
RT: 12.45 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 390915

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.2	0.0	38.1

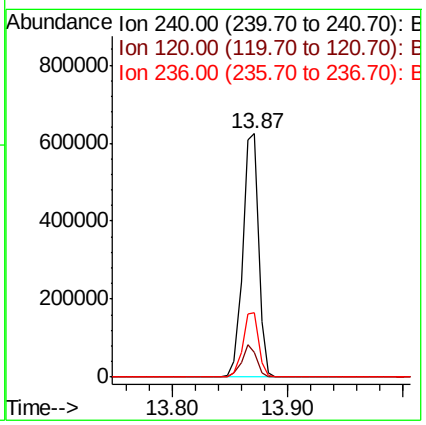


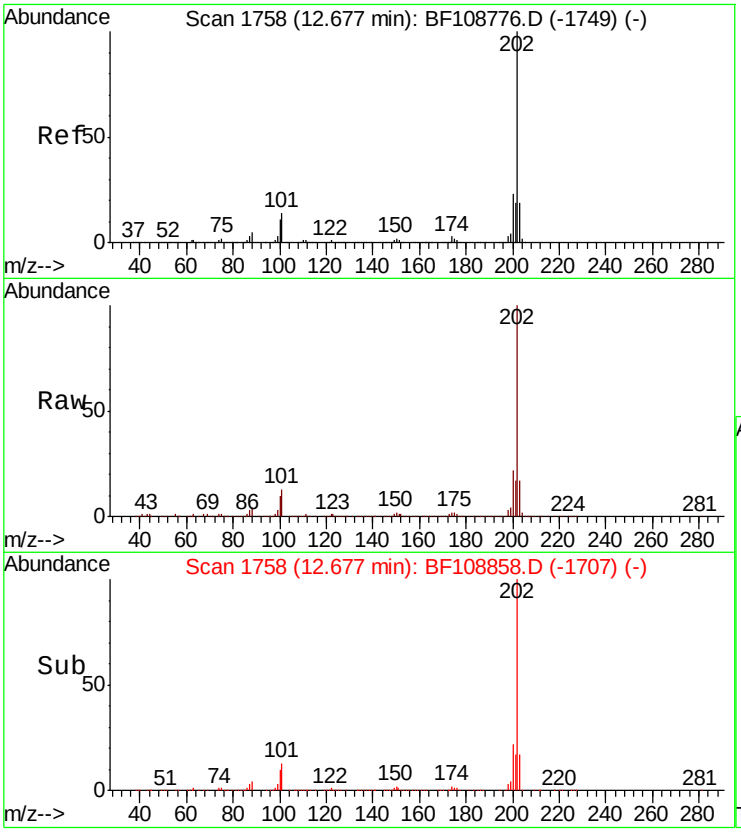


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Tgt Ion:240 Resp: 591933

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.2	20.7	31.1



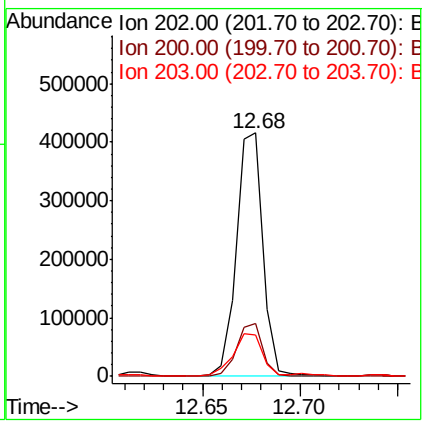


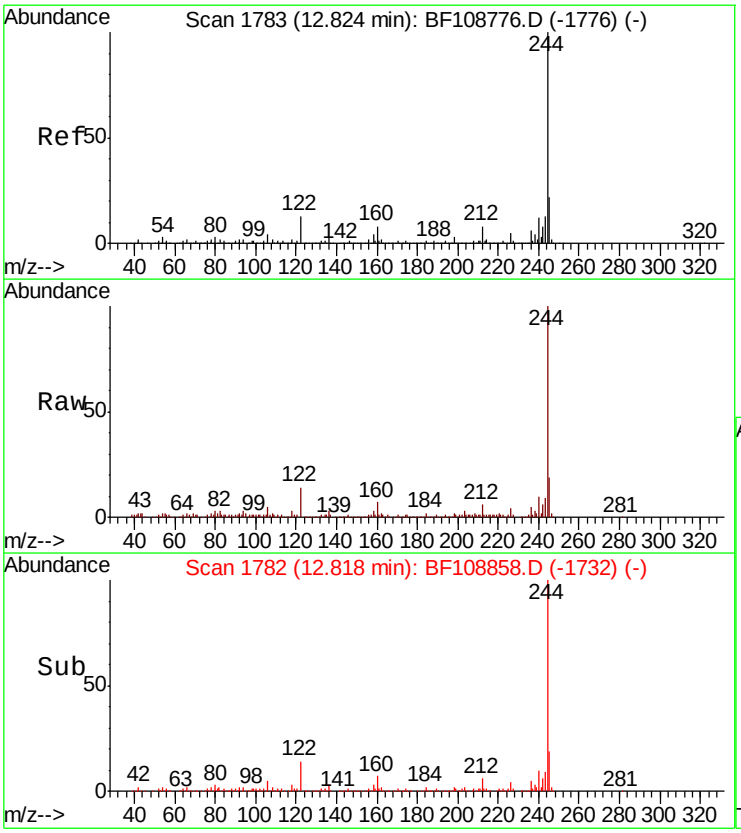
#77
Pyrene
Concen: 8.514 ng
RT: 12.68 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 387815

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.1	14.3	21.5

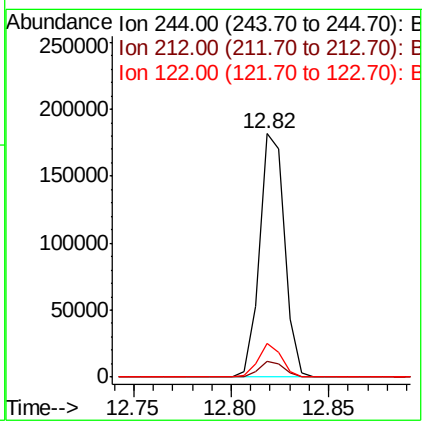


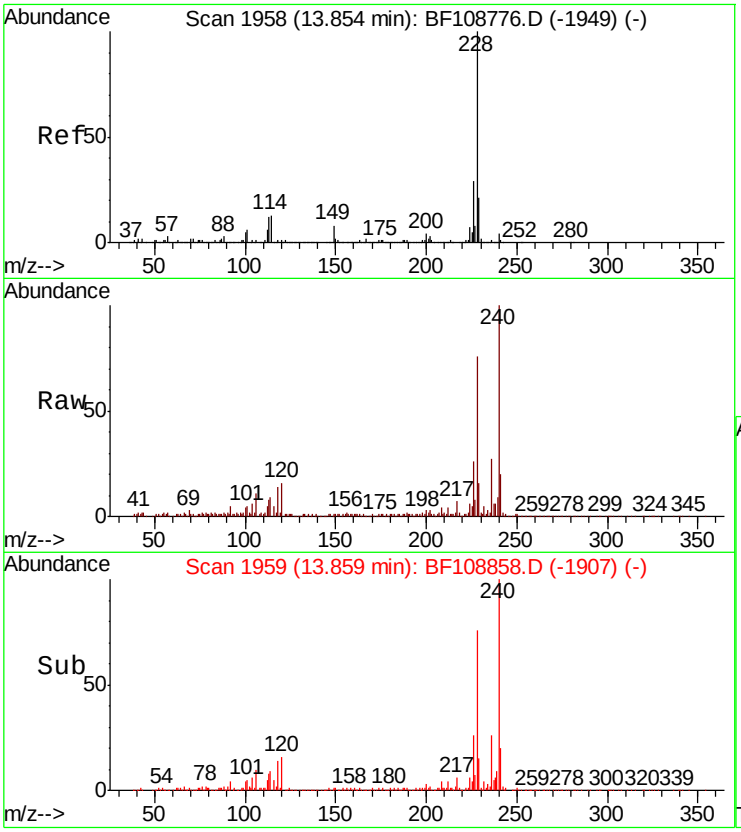


#78
Terphenyl-d14
Concen: 6.357 ng
RT: 12.82 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Tgt Ion:244 Resp: 161360

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	13.7	11.0	16.4



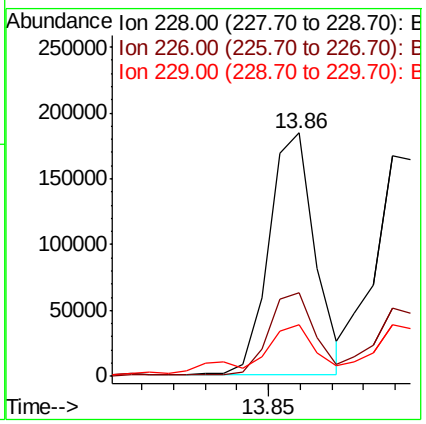


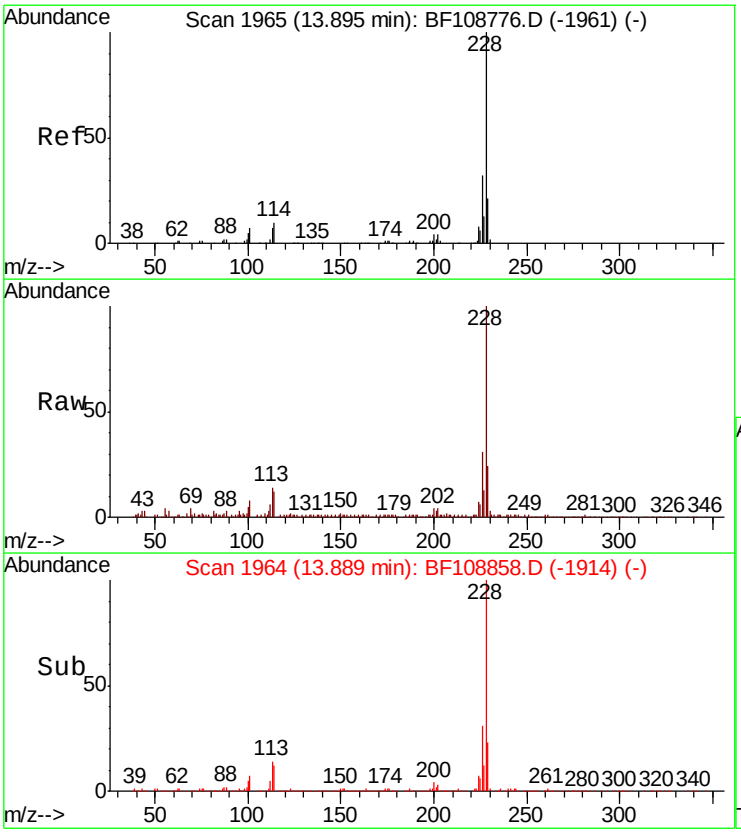
#80
Benzo(a)anthracene
Concen: 4.908 ng
RT: 13.86 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 186204

Ion	Ratio	Lower	Upper
228	100		
226	34.3	22.6	33.8#
229	21.0	15.8	23.6

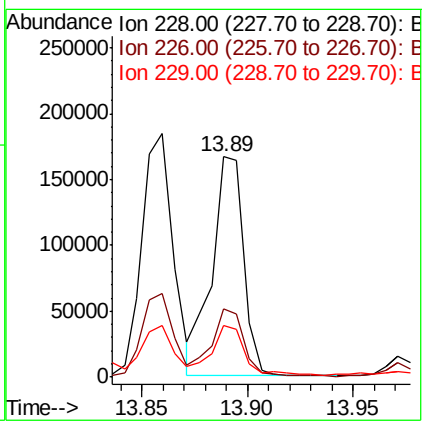


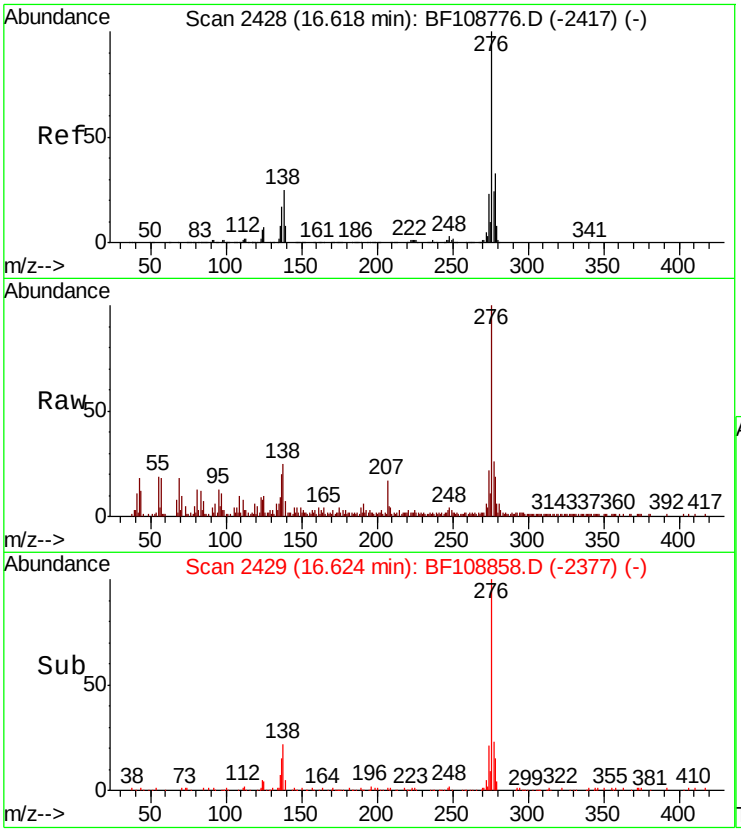


#82
Chrysene
Concen: 4.739 ng
RT: 13.89 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Tgt Ion:228 Resp: 174056

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	23.7	16.2	24.4



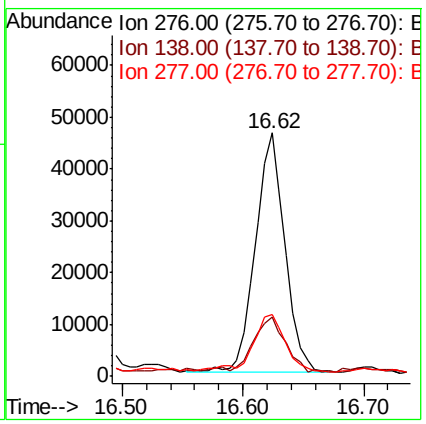


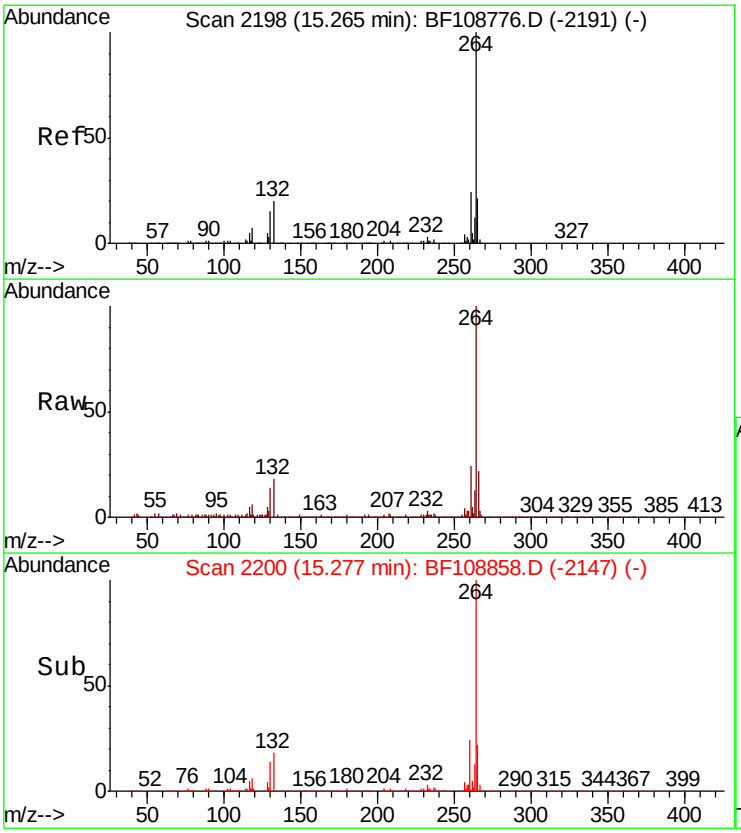
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.435 ng
RT: 16.62 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 79140

Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.0	37.6
277	26.9	20.1	30.1

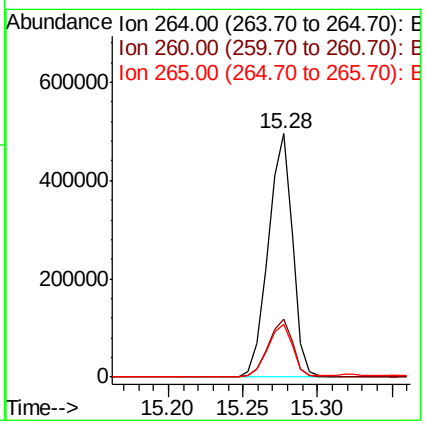


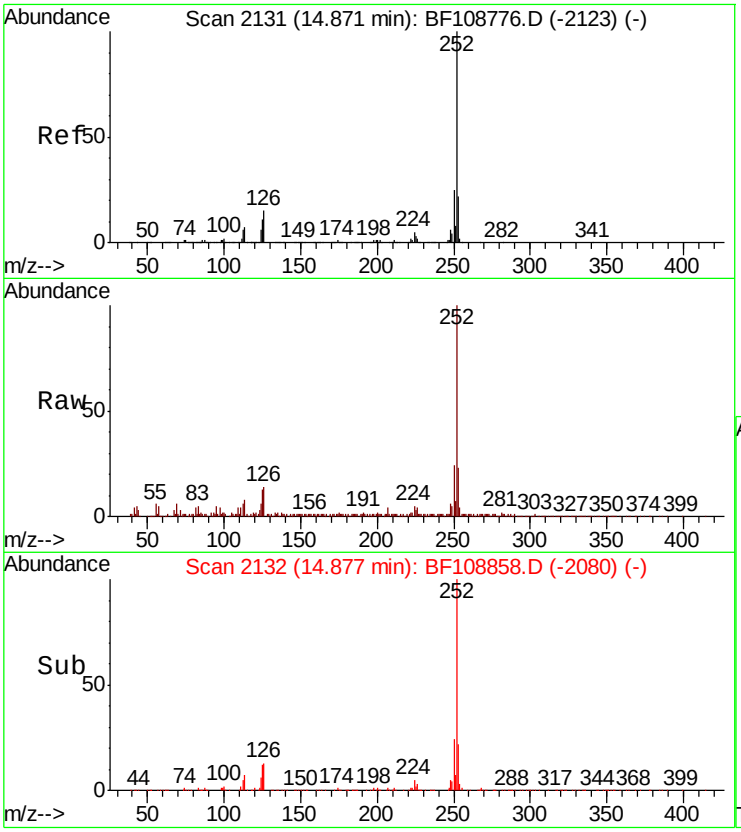


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Tgt Ion:264 Resp: 556008

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3



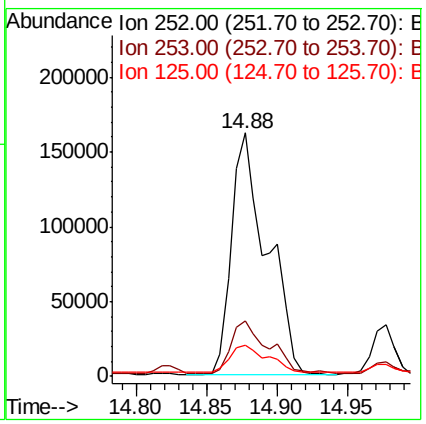


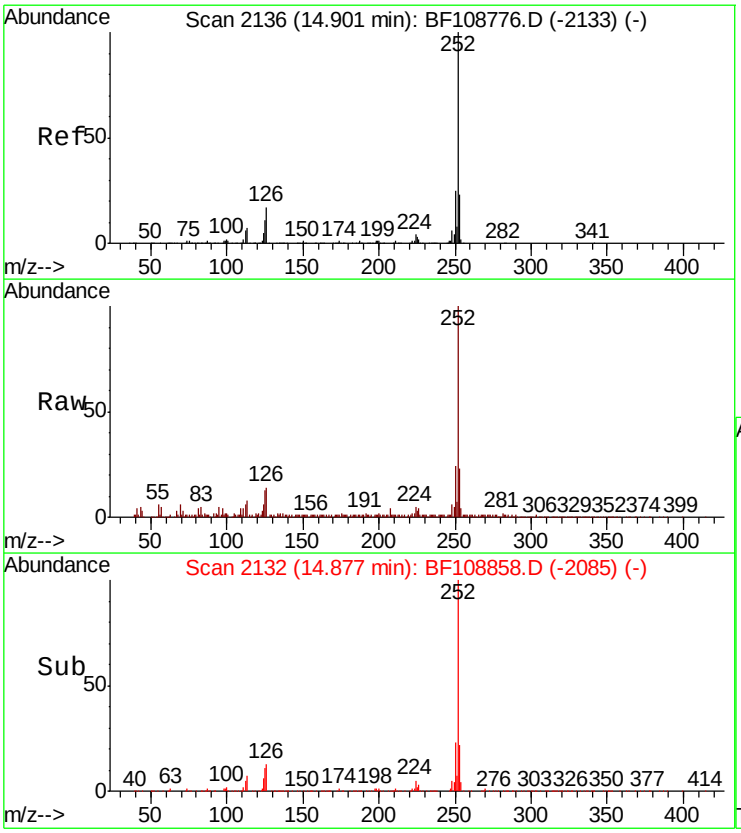
#87
Benzo(b)fluoranthene
Concen: 9.426 ng
RT: 14.88 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 284979

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	13.0	9.0	13.6

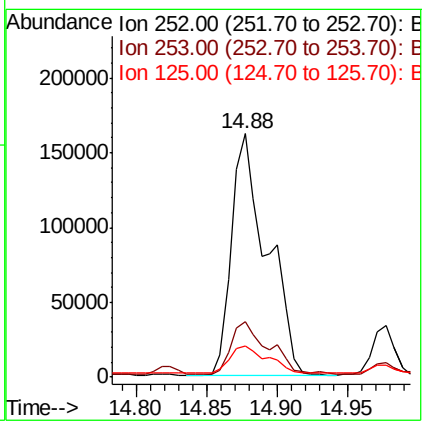


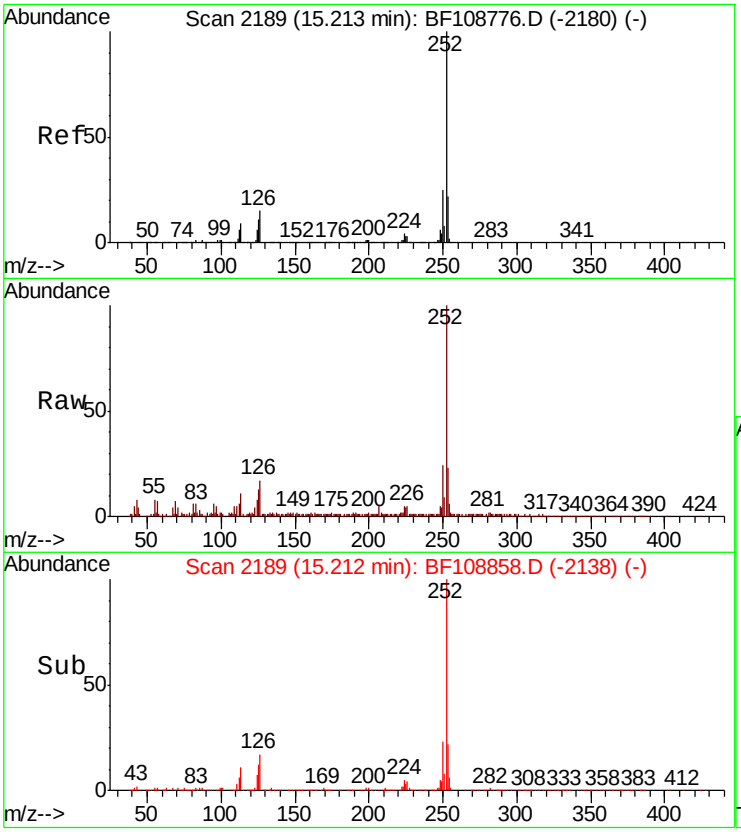


#88
Benzo(k)fluoranthene
Concen: 10.236 ng
RT: 14.88 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Tgt Ion:252 Resp: 284979

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	13.0	10.2	15.2



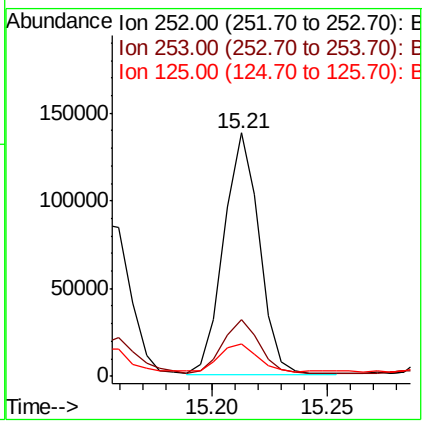


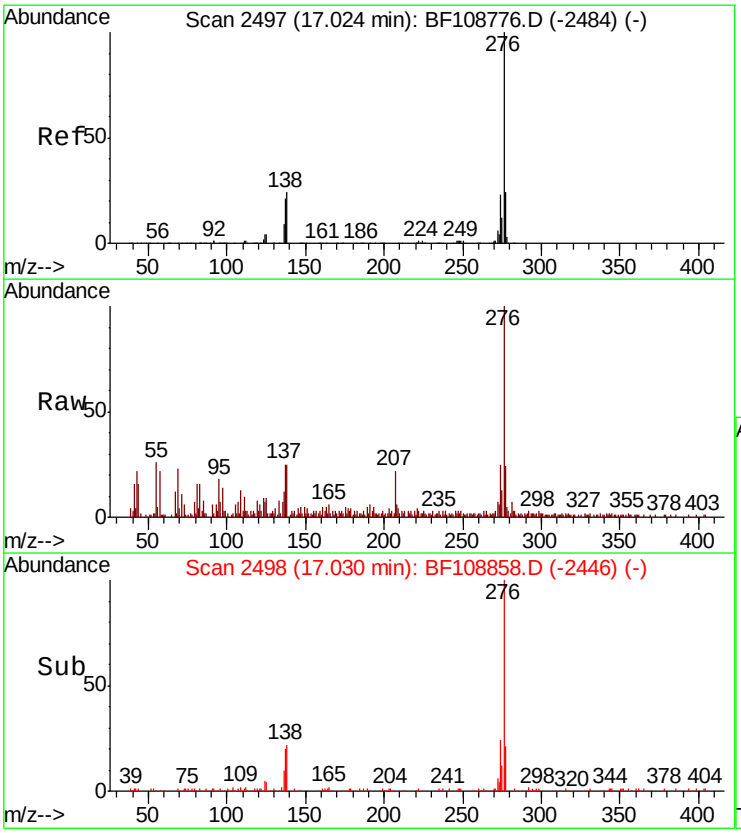
#89
Benzo(a)pyrene
Concen: 5.390 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 147031

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	13.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.009 ng
RT: 17.03 min Scan# 2498
Delta R.T. 0.01 min
Lab File: BF108858.D
Acq: 7 Sep 2018 14:11

Tgt Ion:276 Resp: 72417

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	25.0	21.8	32.8