Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108755.D
Acq On : 4 Sep 2018 21:44
Operator : JU/SJ
Sample : J4748-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 05 03:13:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	63623	20.00	ng		-0.01
21) Naphthalene-d8	8.27	136	283681	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	139421	20.00	ng		-0.02
63) Phenanthrene-d10	11.53	188	284887	20.00	ng		-0.02
75) Chrysene-d12	14.18	240	228440	20.00	ng		-0.02
86) Perylene-d12	15.74	264	165831	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	127549	34.83	ng		-0.02
7) Phenol-d6	6.63	99	301322	57.44	ng		-0.02
23) Nitrobenzene-d5	7.57	82	186722	33.41	ng		0.00
41) 2,4,6-Tribromophenol	10.83	330	76696	41.67	ng		-0.02
44) 2-Fluorobiphenyl	9.34	172	431374	41.60	ng		-0.02
78) Terphenyl-d14	13.11	244	511148	43.47	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.56	70	21454	6.107	ng	#	83
25) Isophorone	7.57	82	186722	20.112	ng	#	64
49) Dimethylphthalate	9.74	163	95803	8.726	ng	#	98
55) 4-Nitrophenol	10.25	139	542	5.065	ng	#	9
56) 2,4-Dinitrotoluene	10.03	165	17004	5.307	ng	#	21
70) Phenanthrene	11.55	178	157961	10.985	ng		98
71) Anthracene	11.55	178	157961	10.455	ng		100
72) Carbazole	11.79	167	30847	2.111	ng		97
74) Fluoranthene	12.75	202	247757	15.307	ng		94
77) Pyrene	12.98	202	198693	11.571	ng		99
80) Benzo(a)anthracene	14.18	228	60450	4.341	ng		95
82) Chrysene	14.21	228	64378	4.807	ng		98
85) Indeno(1,2,3-cd)pyrene	17.36	276	20371	2.188	ng	#	87
87) Benzo(b)fluoranthene	15.28	252	72960	7.162	ng	#	91
88) Benzo(k)fluoranthene	15.28	252	72960	7.230	ng		94
89) Benzo(a)pyrene	15.68	252	36591	3.975	ng	#	92
91) Benzo(g,h,i)perylene	17.86	276	17363	2.430	ng	#	83

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

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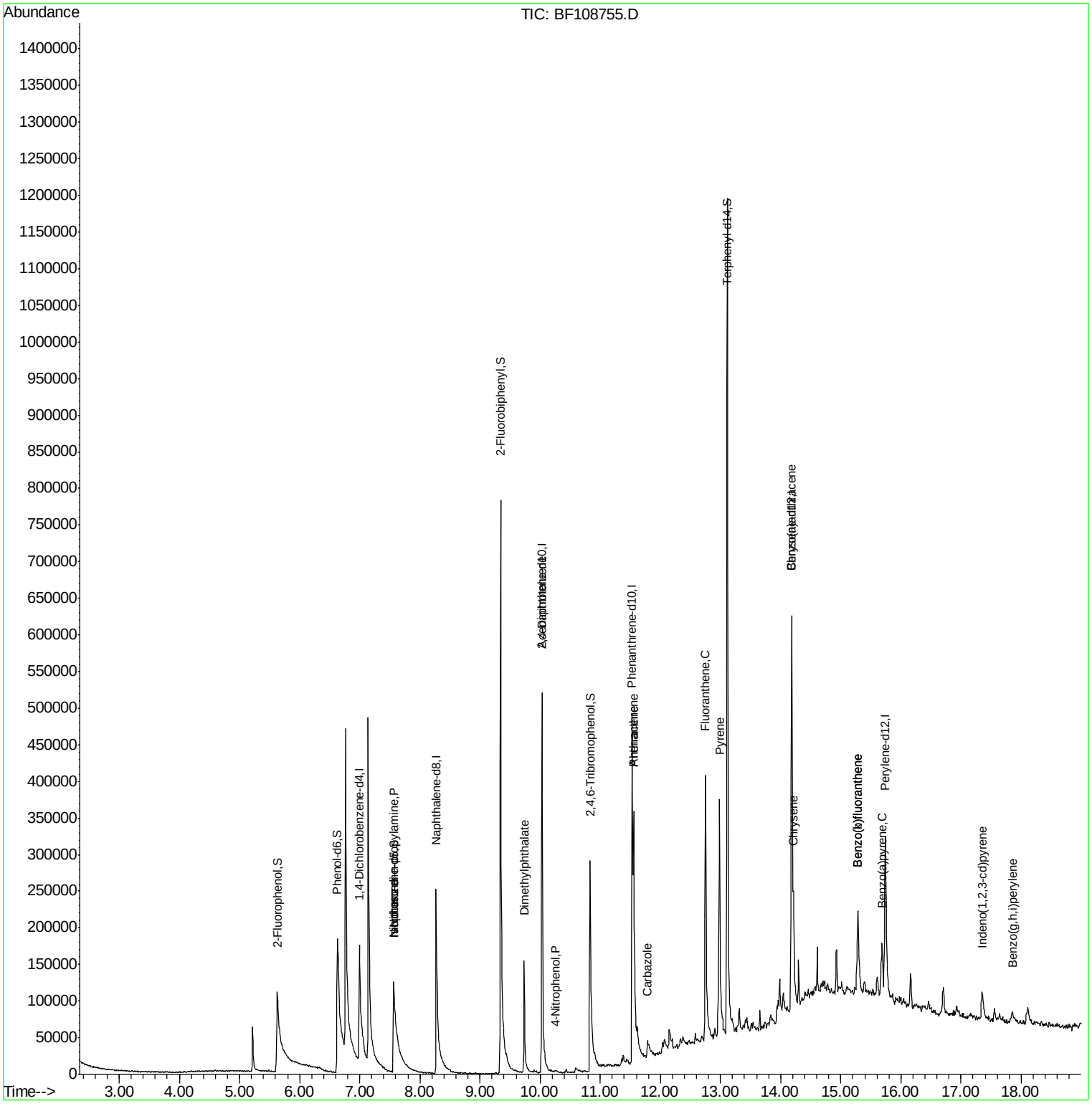
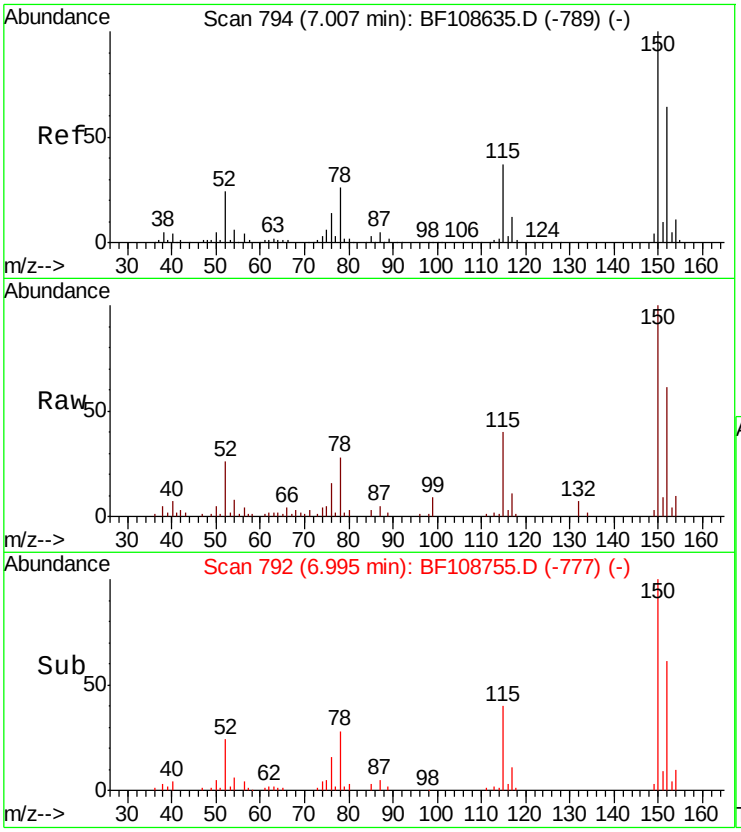


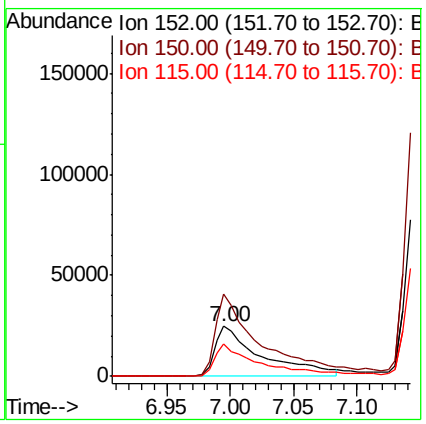


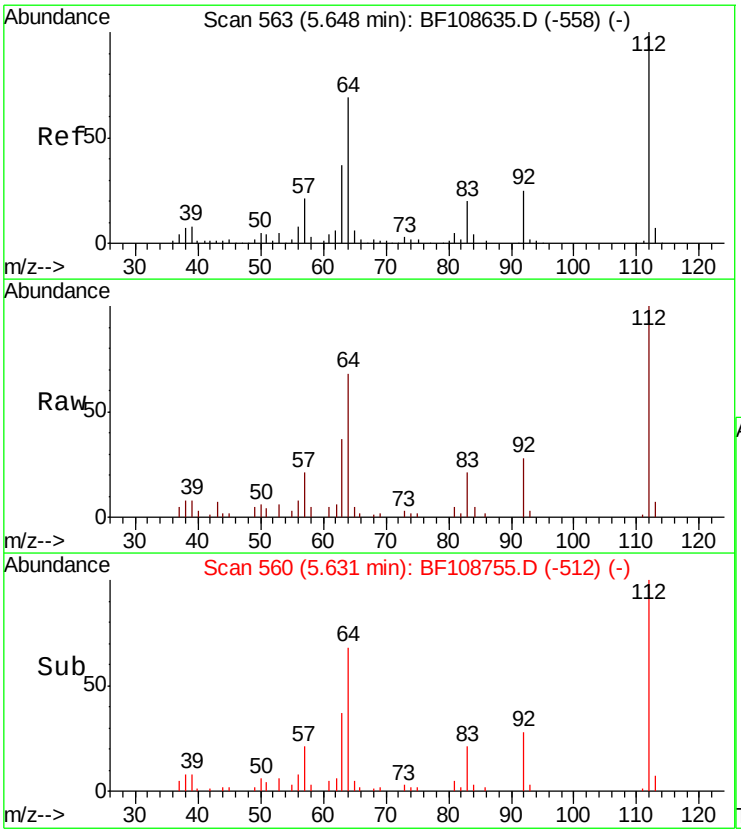
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 63623

Ion	Ratio	Lower	Upper
152	100		
150	164.8	124.6	186.8
115	65.2	50.1	75.1

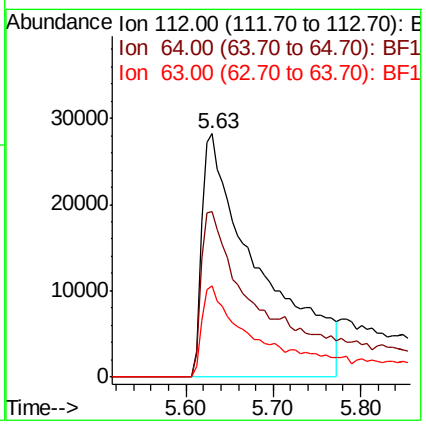


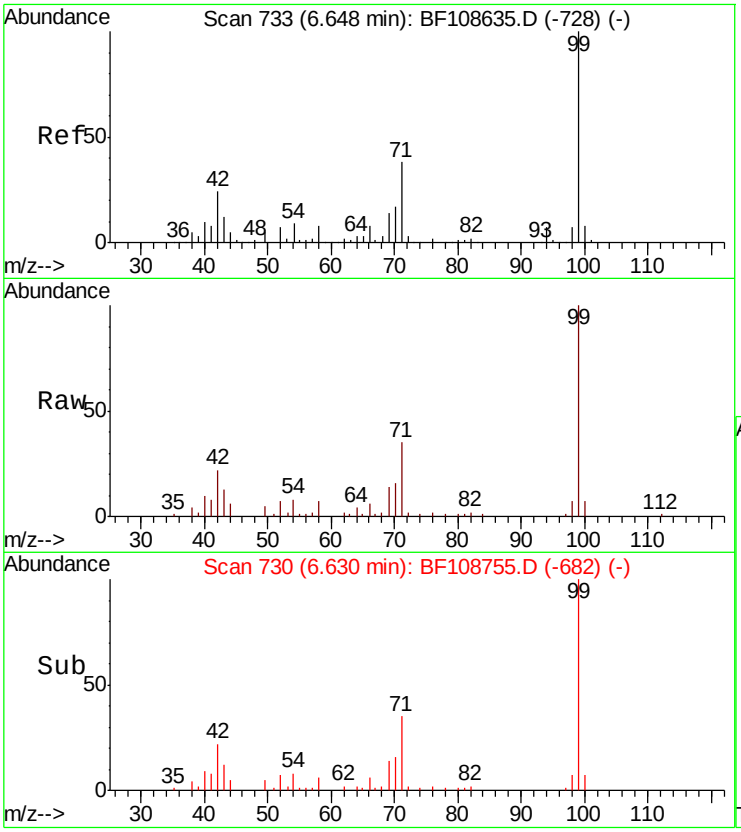


#5
2-Fluorophenol
Concen: 34.827 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.02 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Tgt Ion:112 Resp: 127549

Ion	Ratio	Lower	Upper
112	100		
64	68.2	47.9	71.9
63	37.5	23.7	35.5#



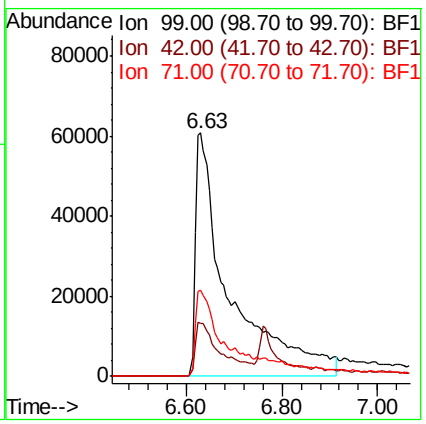


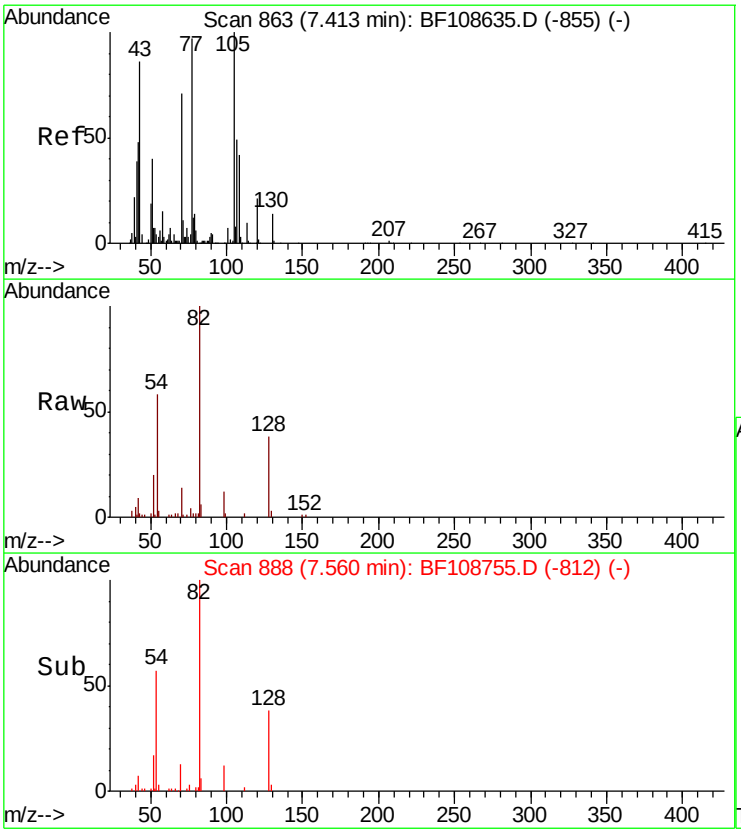
#7
Phenol-d6
Concen: 57.444 ng
RT: 6.63 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 301322

Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.5	21.7
71	35.3	25.4	38.0

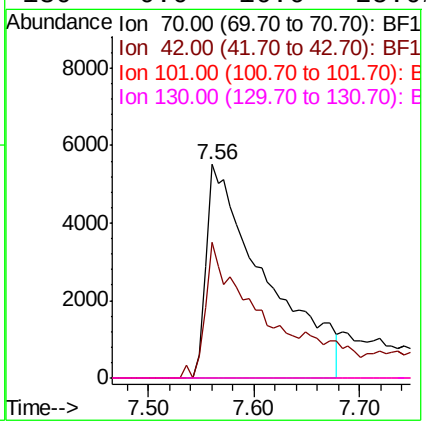


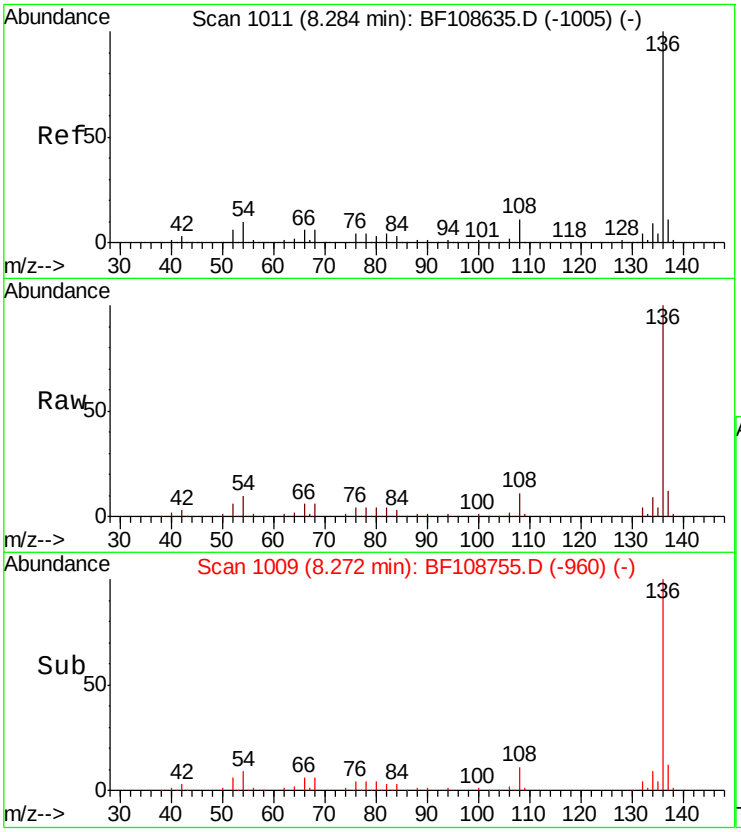


#19
n-Nitroso-di-n-propylamine
Concen: 6.107 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Tgt Ion: 70 Resp: 21454

Ion	Ratio	Lower	Upper
70	100		
42	63.6	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



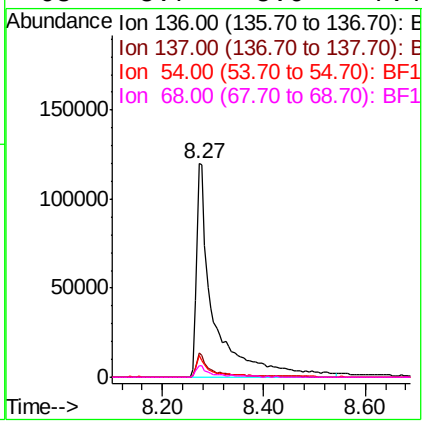


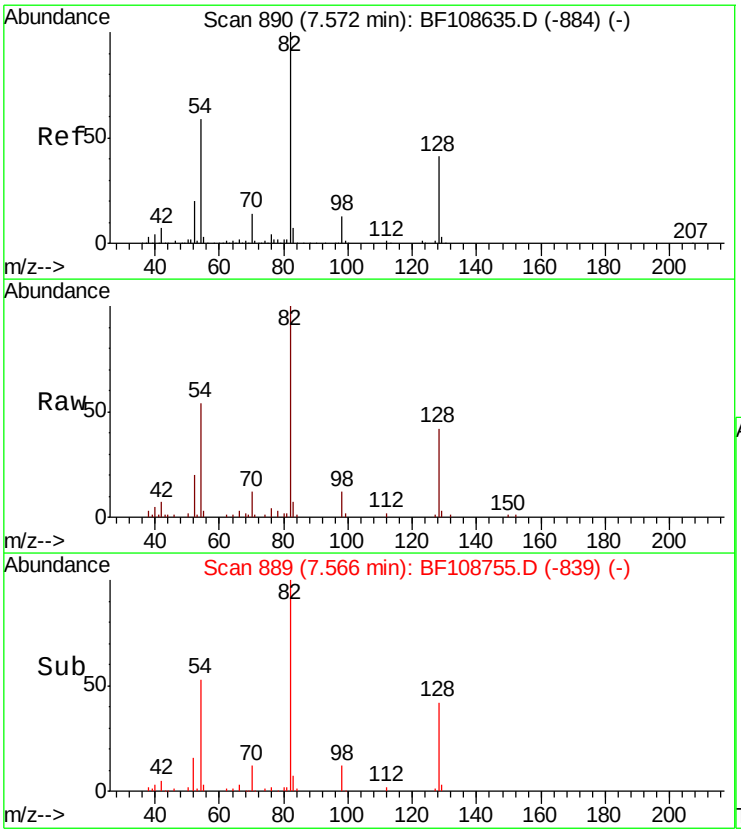
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 283681

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	10.1	6.6	9.8#
68	5.7	5.0	7.4

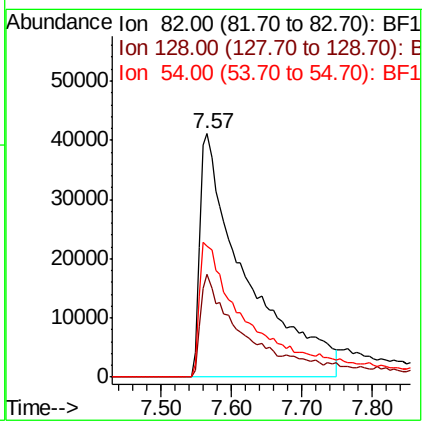


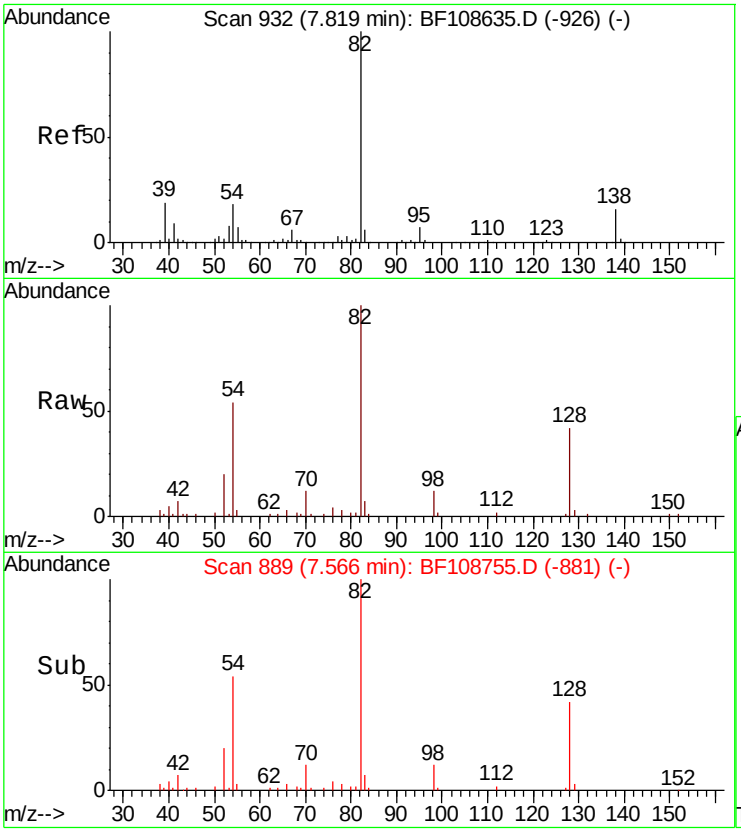


#23
Nitrobenzene-d5
Concen: 33.410 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Tgt Ion: 82 Resp: 186722

Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	54.0	41.4	62.2



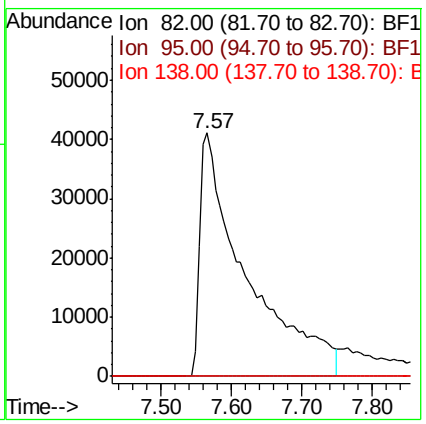


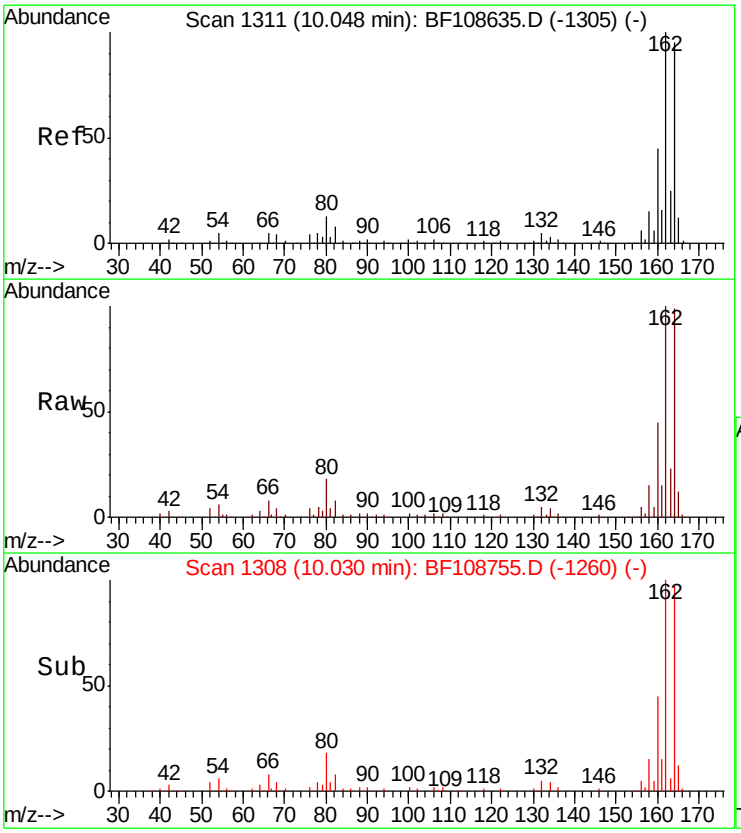
#25
Isophorone
Concen: 20.112 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 186722

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

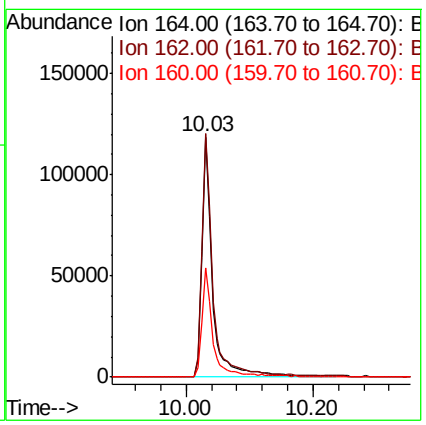


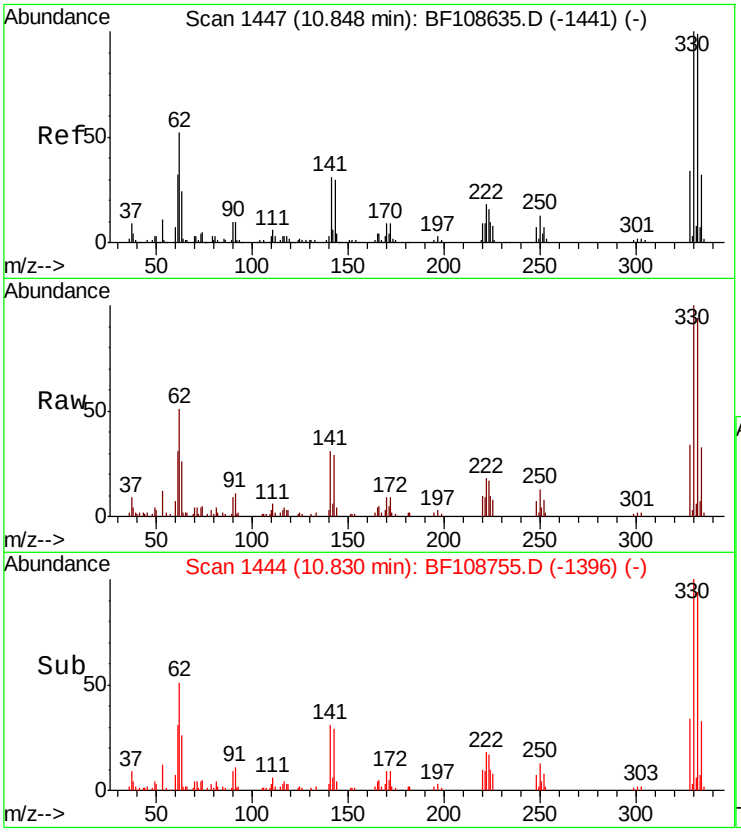


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Tgt Ion:164 Resp: 139421

Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	45.6	38.3	57.5



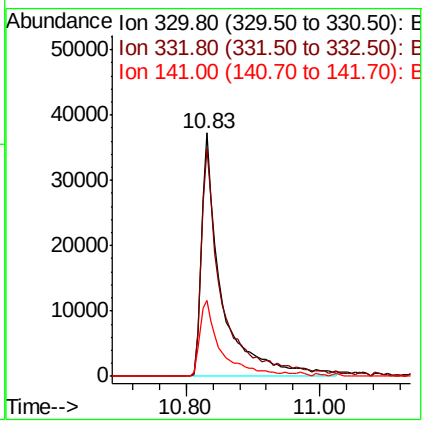


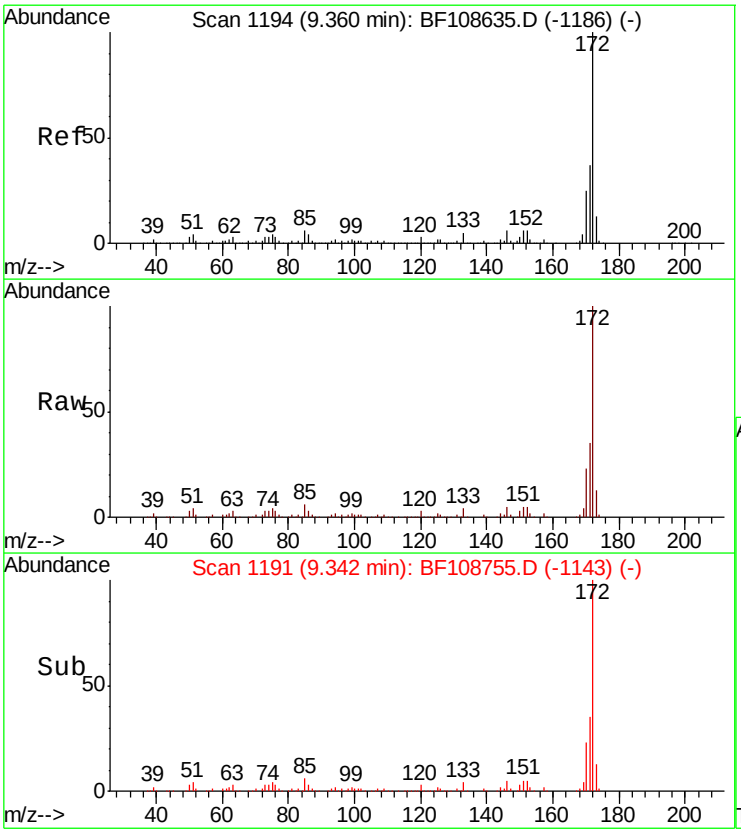
#41
2,4,6-Tribromophenol
Concen: 41.671 ng
RT: 10.83 min Scan# 1444
Delta R.T. -0.02 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 76696

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	32.7	29.9	44.9

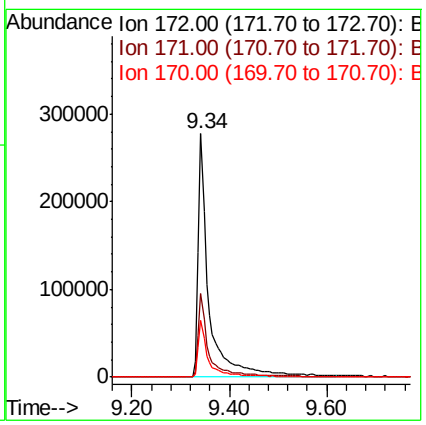


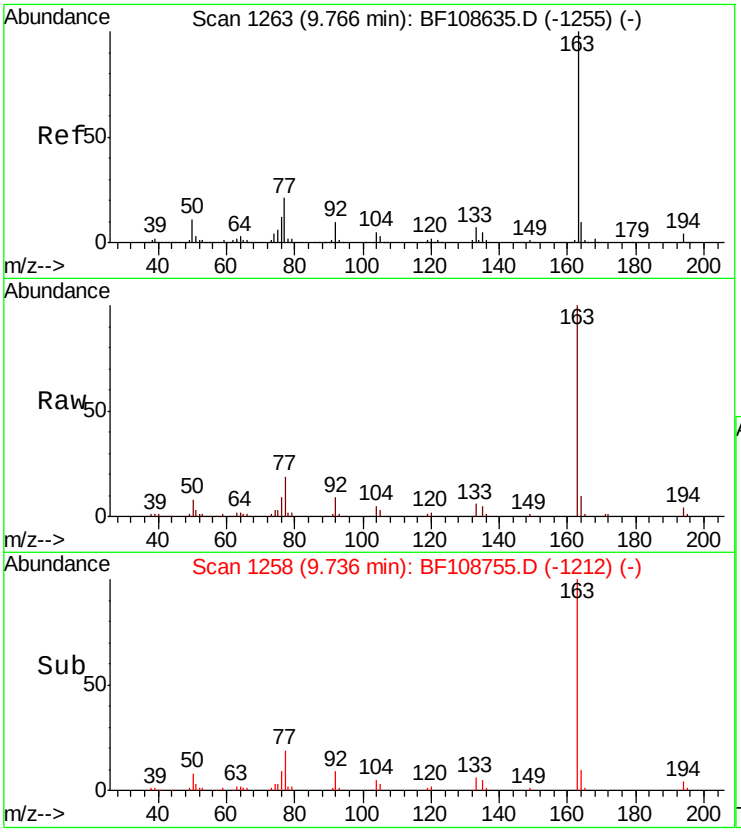


#44
2-Fluorobiphenyl
Concen: 41.602 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Tgt Ion:172 Resp: 431374

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.3	19.6	29.4



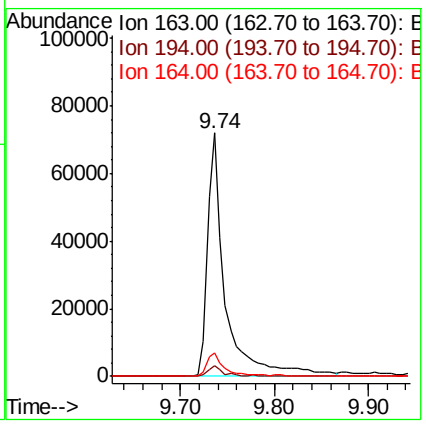


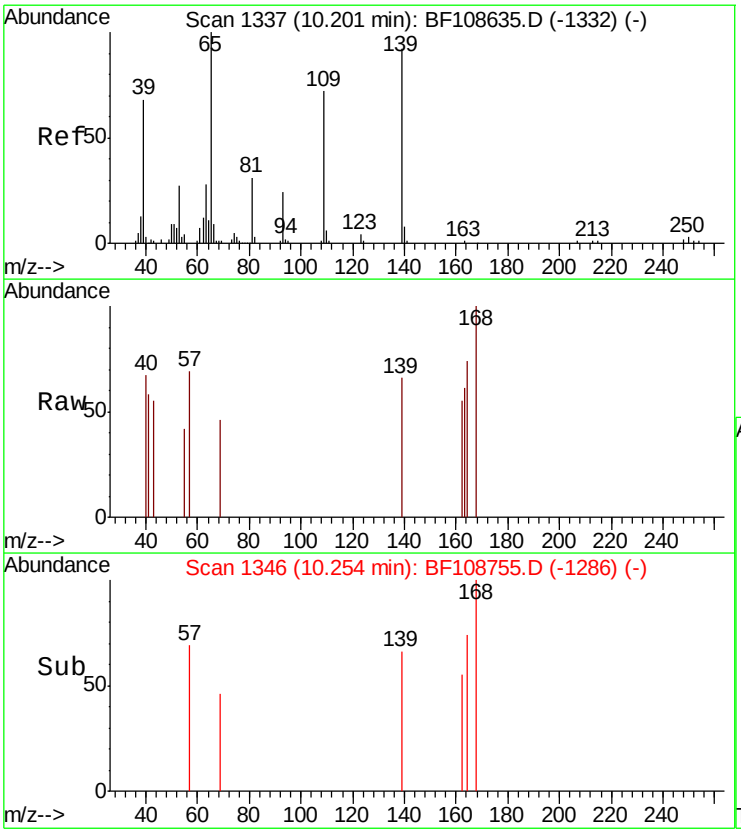
#49
Dimethylphthalate
Concen: 8.726 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 95803

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.6	8.2	12.2

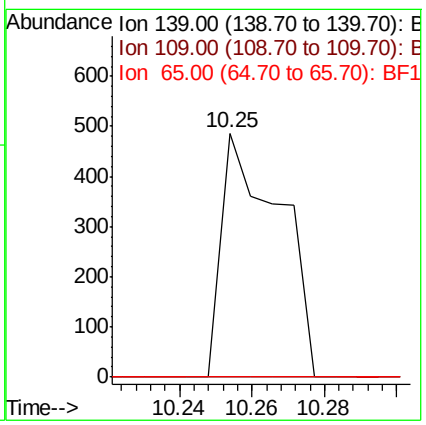


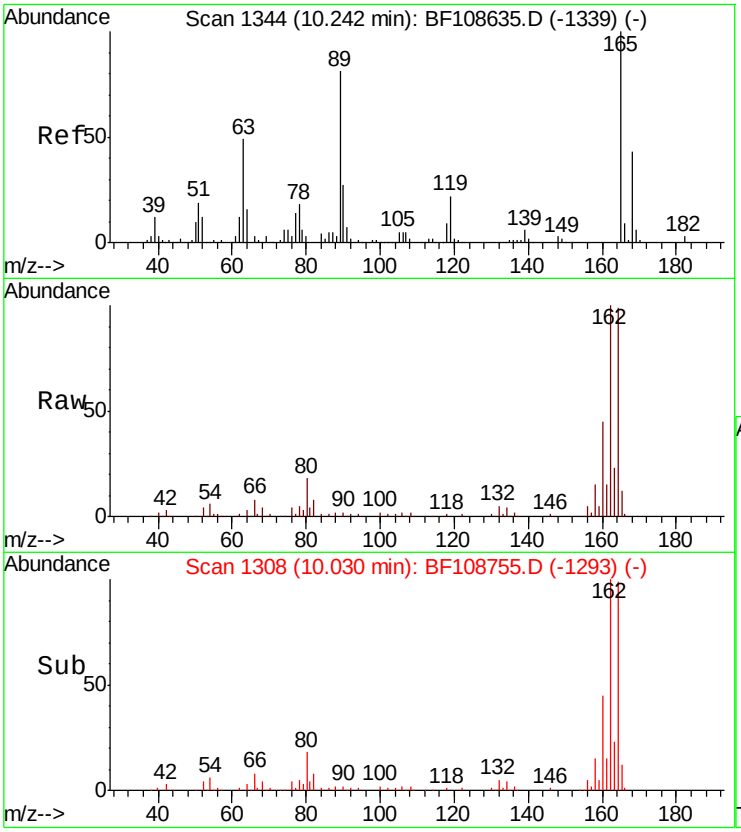


#55
4-Nitrophenol
Concen: 5.065 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.05 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Tgt Ion:139 Resp: 542

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



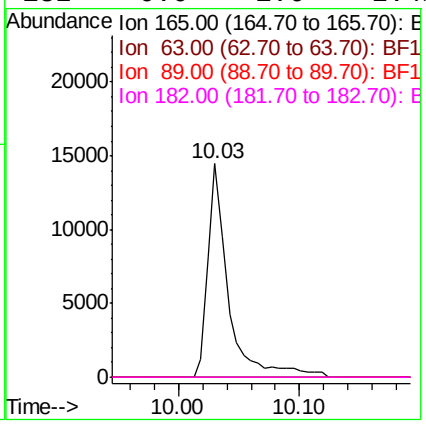


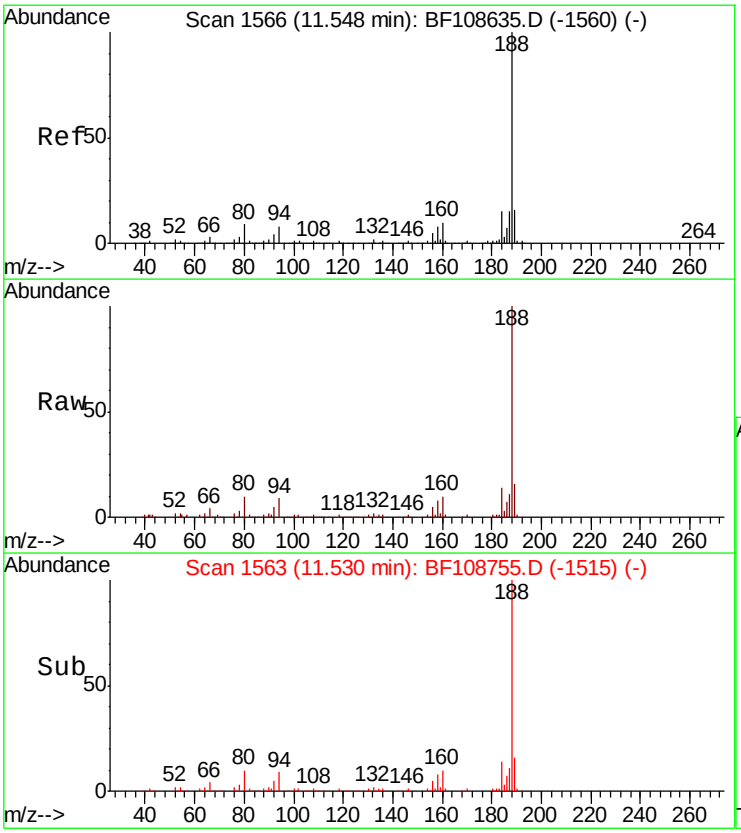
#56
2,4-Dinitrotoluene
Concen: 5.307 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.21 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17004

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

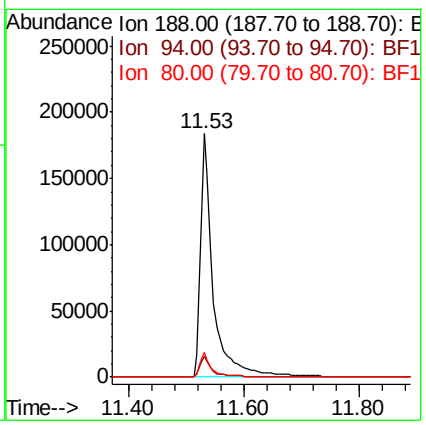


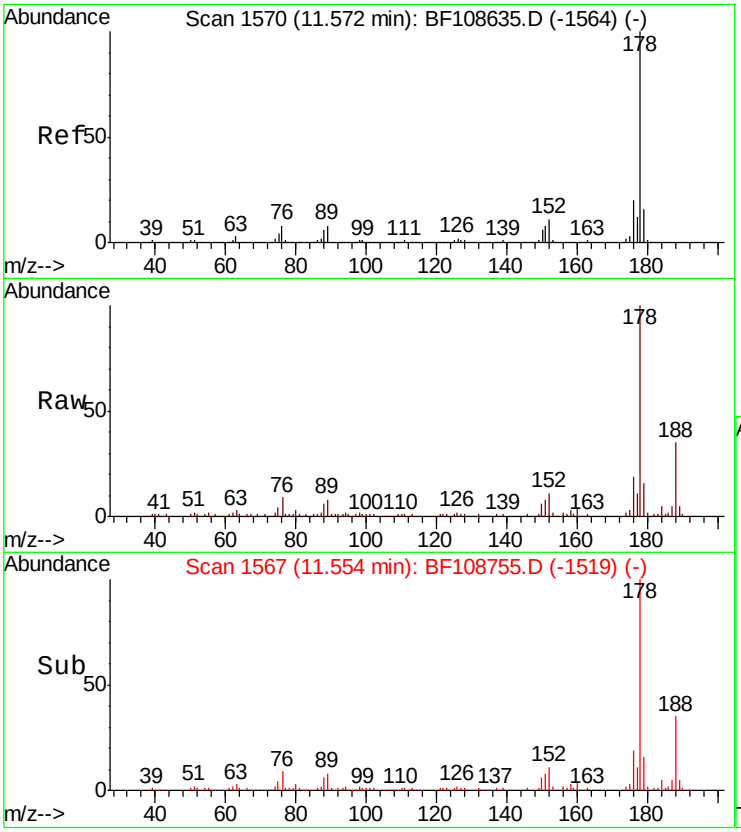


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Tgt Ion:188 Resp: 284887

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	10.0	9.2	13.8



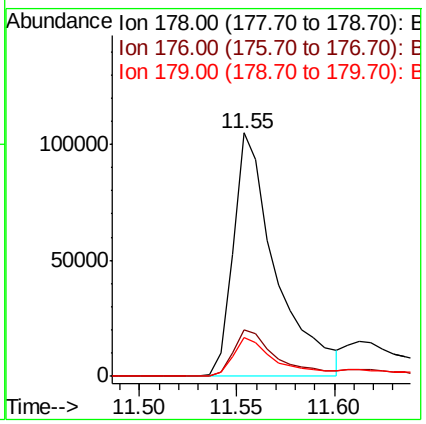


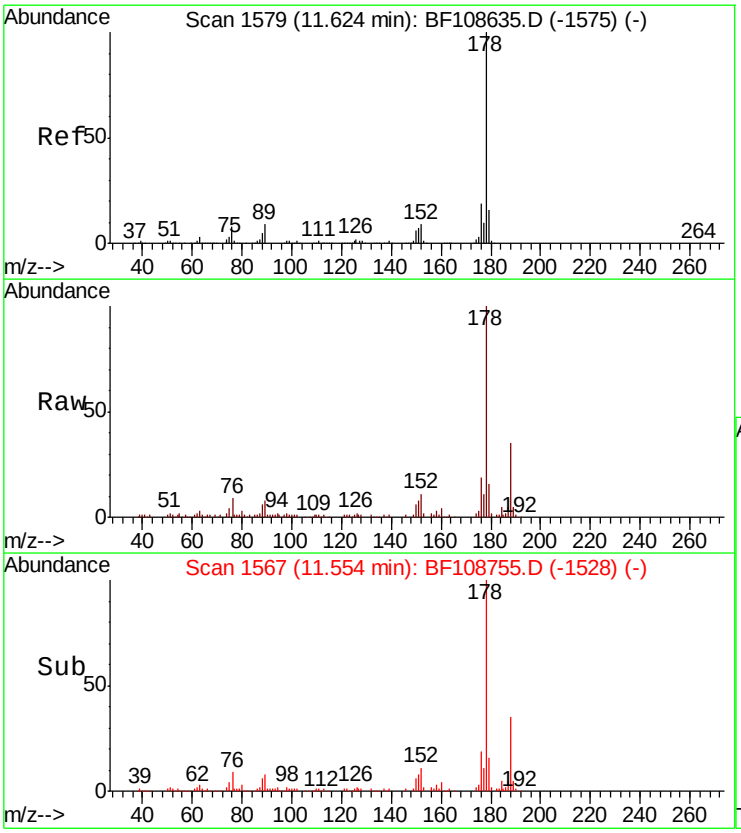
#70
Phenanthrene
Concen: 10.985 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 157961

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

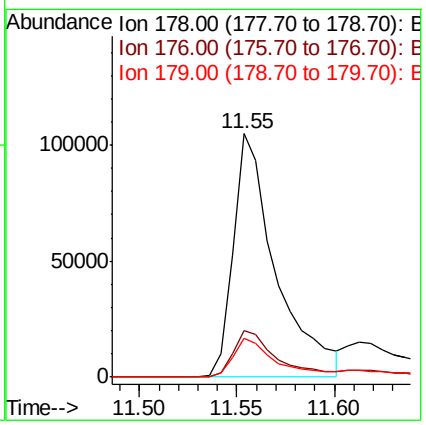


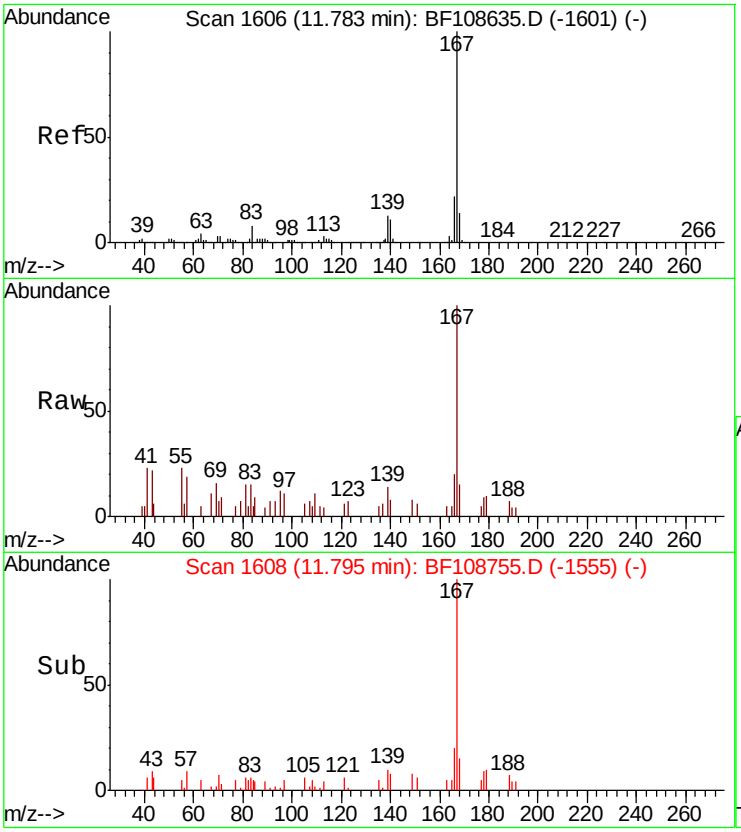


#71
Anthracene
Concen: 10.455 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.07 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Tgt Ion:178 Resp: 157961

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.8	12.6	19.0



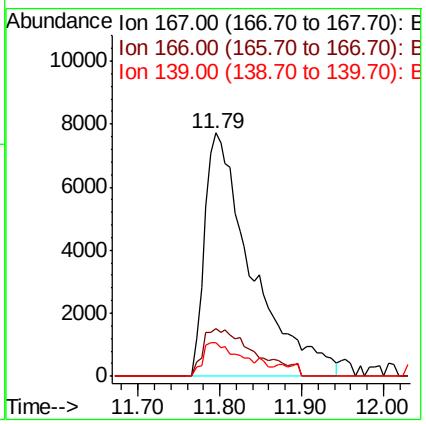


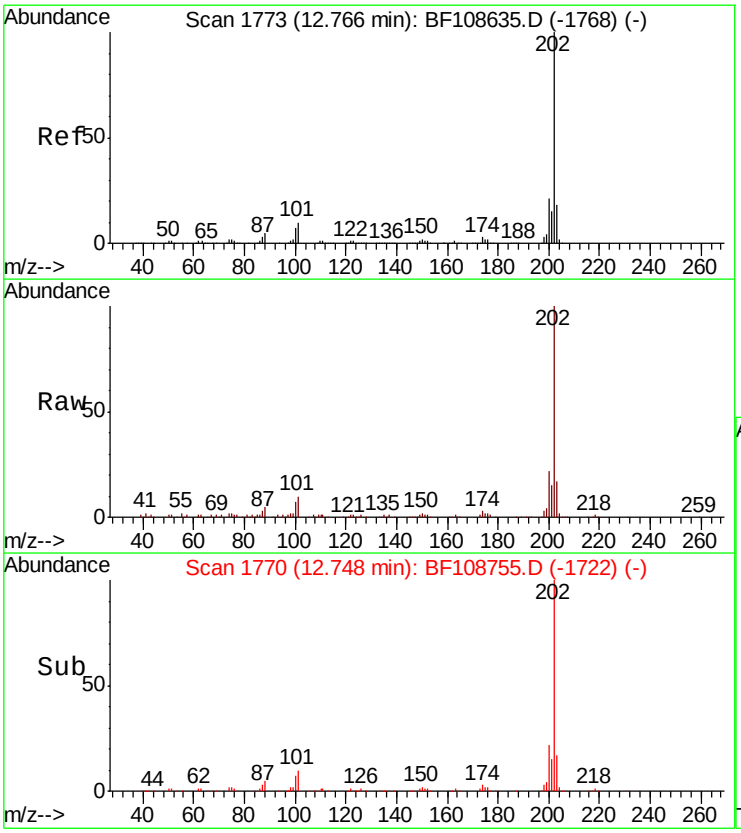
#72
Carbazole
Concen: 2.111 ng
RT: 11.79 min Scan# 1608
Delta R.T. 0.01 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 30847

Ion	Ratio	Lower	Upper
167	100		
166	19.6	17.6	26.4
139	13.9	10.9	16.3

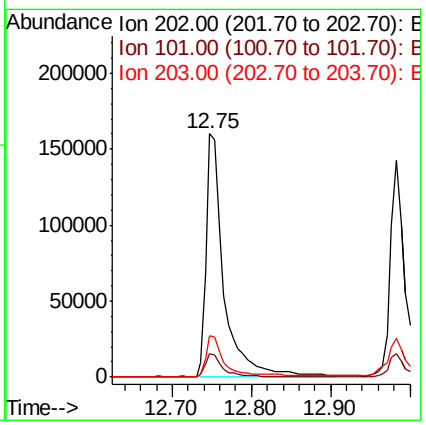


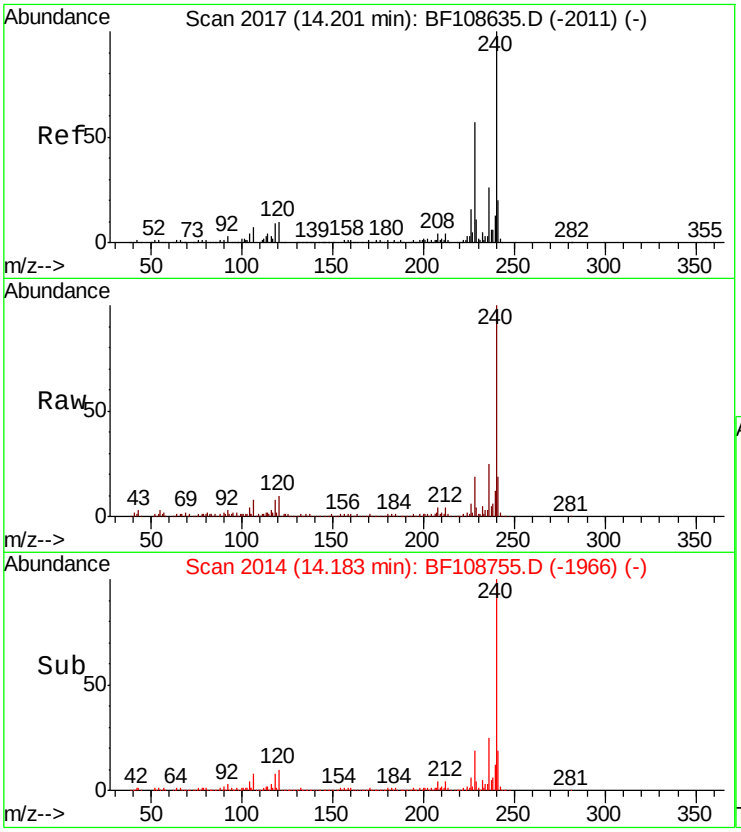


#74
Fluoranthene
Concen: 15.307 ng
RT: 12.75 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Tgt Ion:202 Resp: 247757

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.1
203	17.2	0.0	38.1



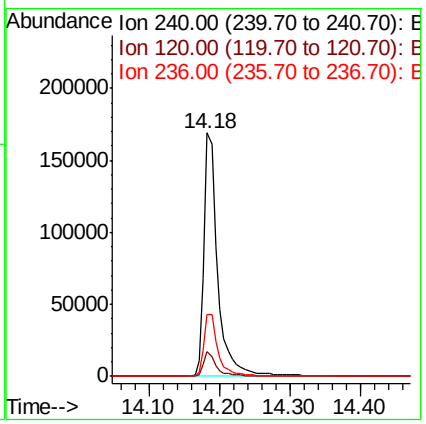


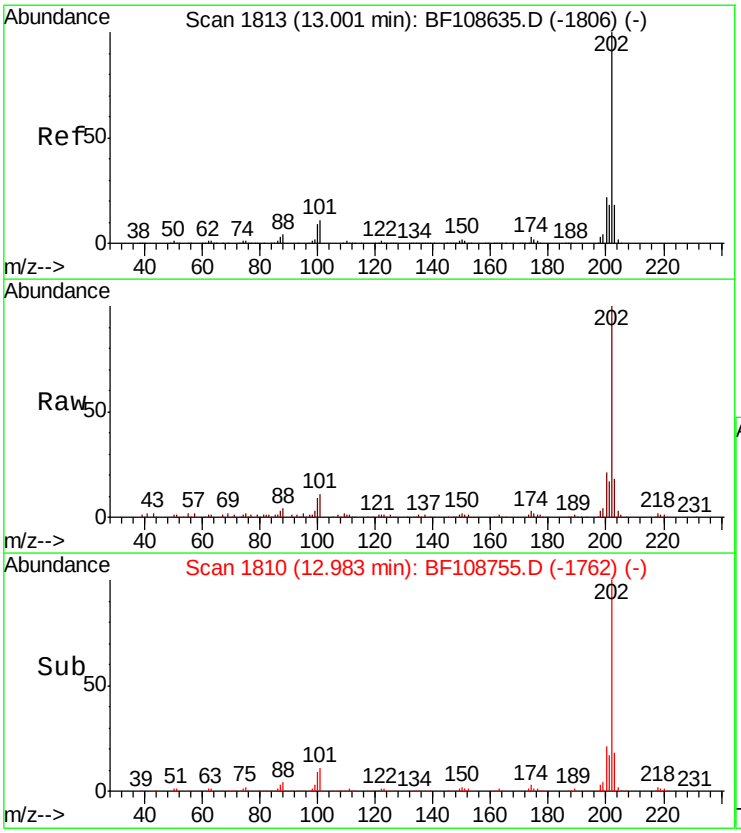
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 228440

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	25.3	20.7	31.1

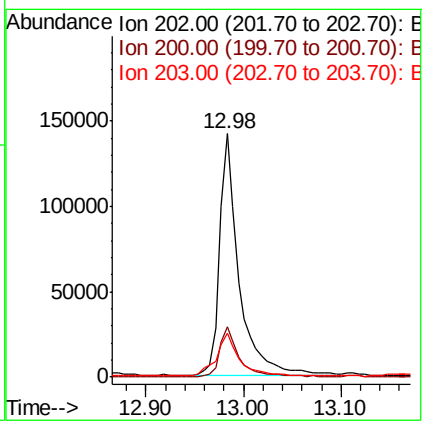


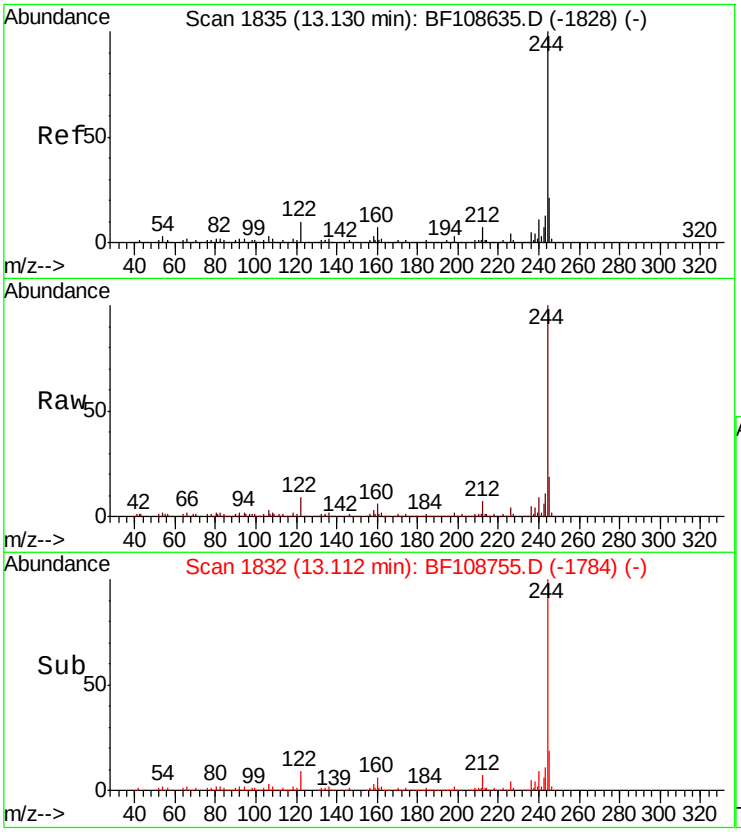


#77
Pyrene
Concen: 11.571 ng
RT: 12.98 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Tgt Ion:202 Resp: 198693

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	18.1	14.3	21.5



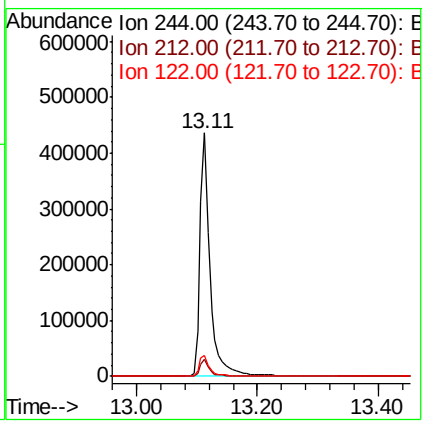


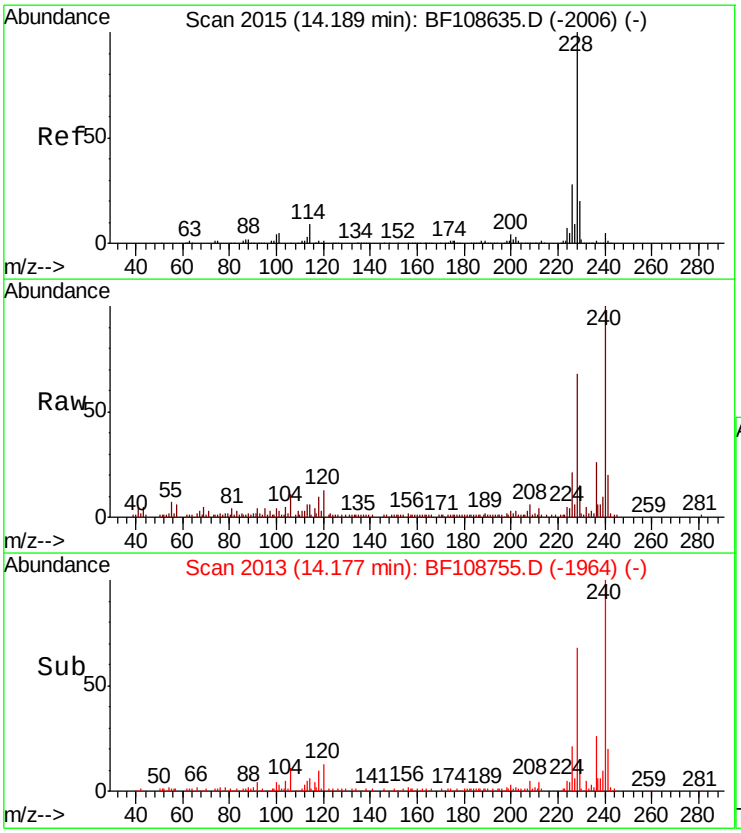
#78
Terphenyl-d14
Concen: 43.475 ng
RT: 13.11 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 511148

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	8.6	11.0	16.4#

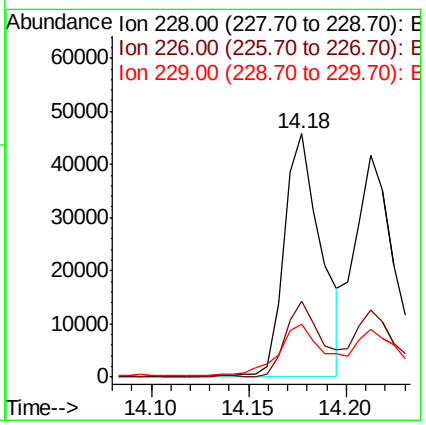


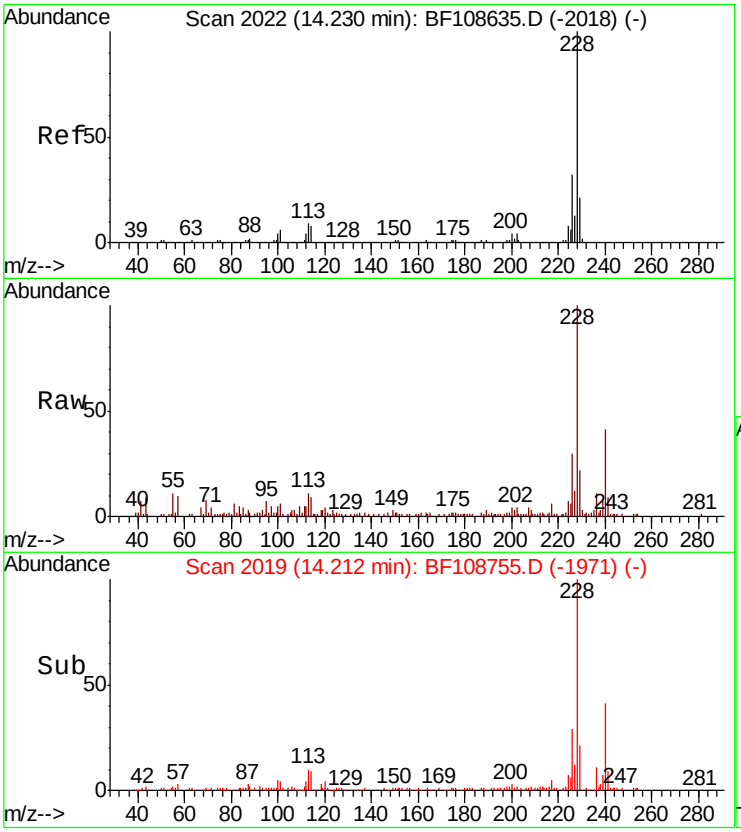


#80
Benzo(a)anthracene
Concen: 4.341 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Tgt Ion:228 Resp: 60450

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	21.6	15.8	23.6



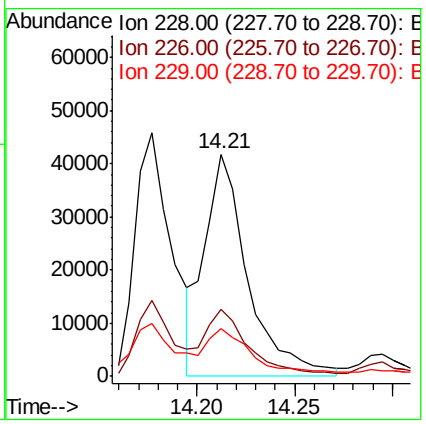


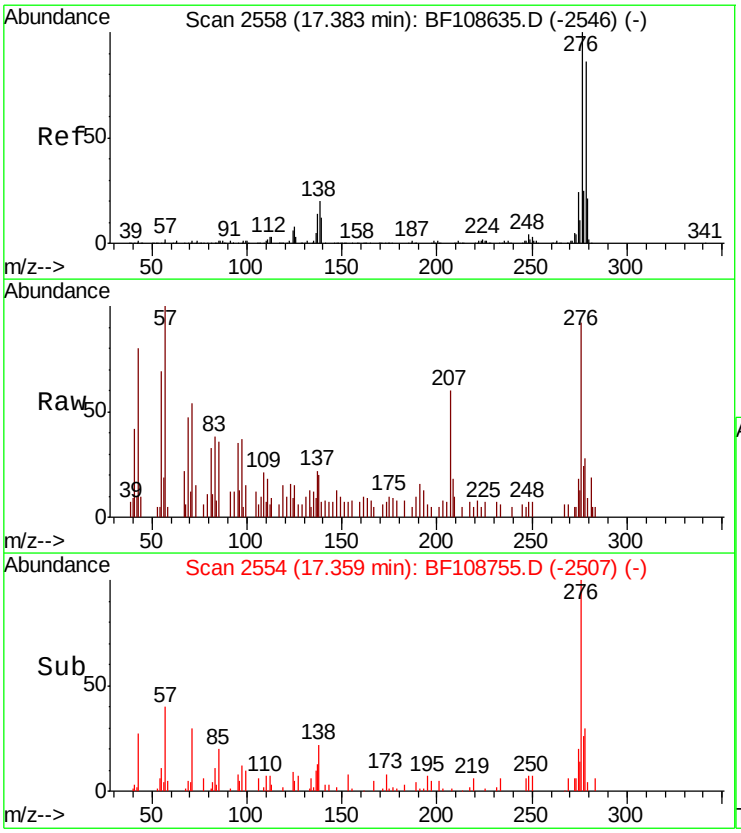
#82
Chrysene
Concen: 4.807 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 64378

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.8	16.2	24.4

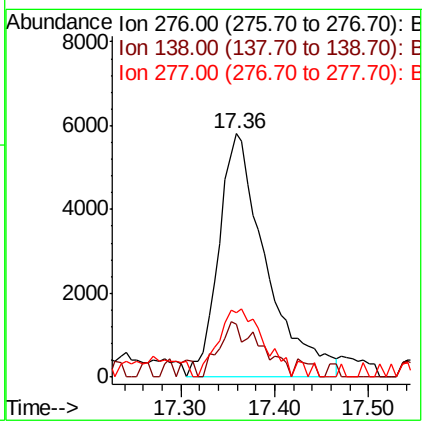


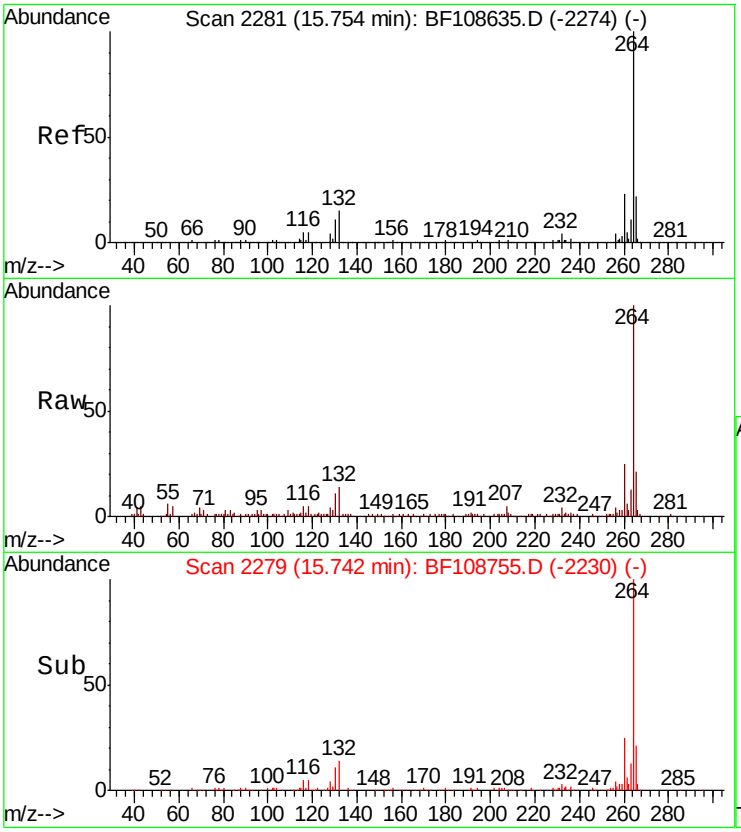


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.188 ng
RT: 17.36 min Scan# 2554
Delta R.T. -0.02 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Tgt Ion:276 Resp: 20371

Ion	Ratio	Lower	Upper
276	100		
138	19.7	25.0	37.6#
277	26.3	20.1	30.1



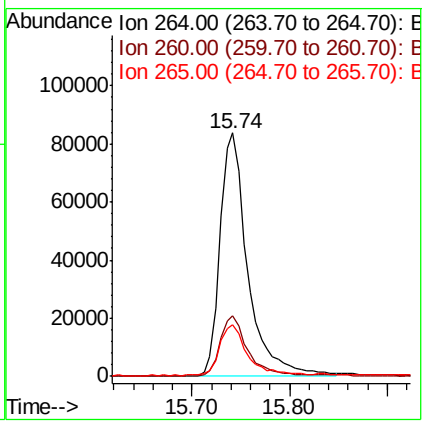


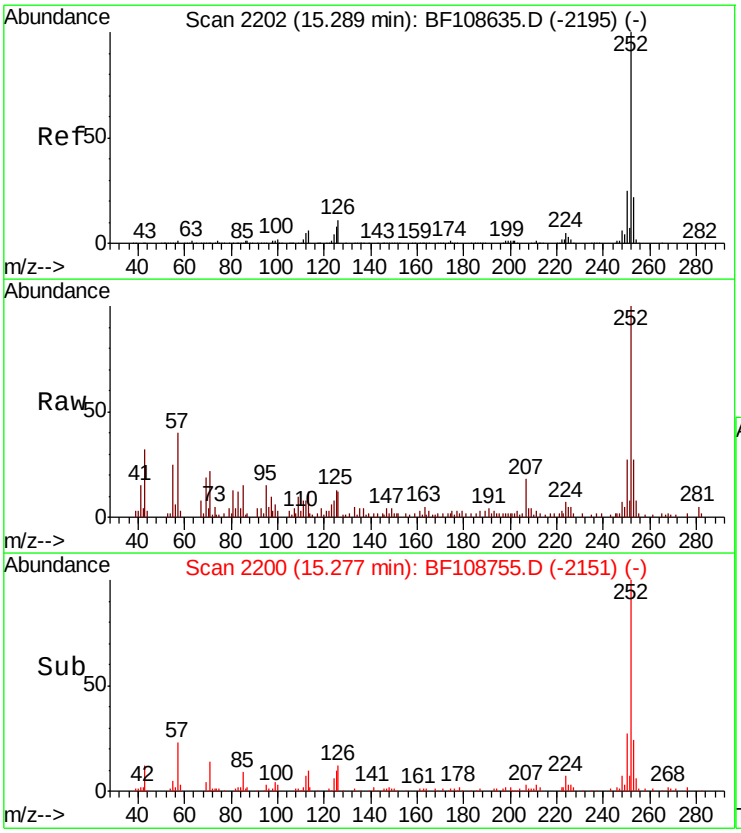
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 165831

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.1	17.5	26.3

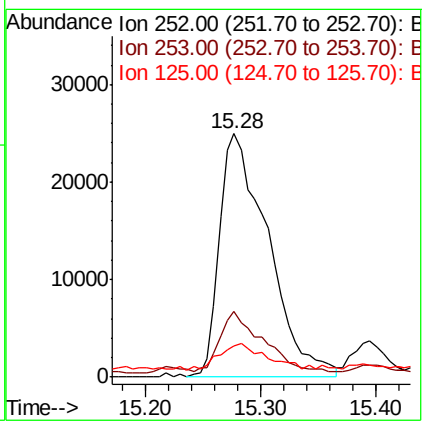


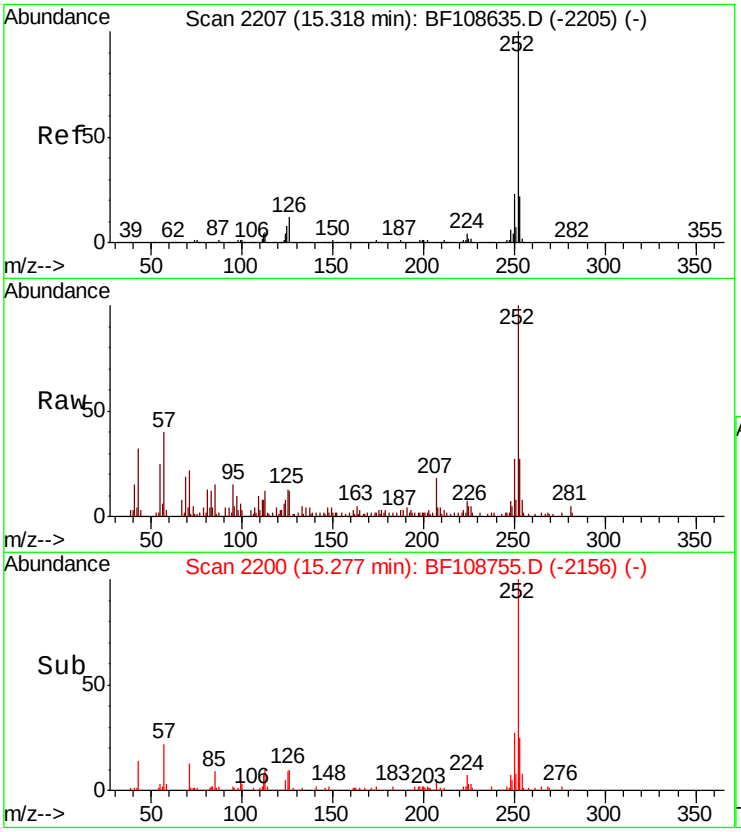


#87
Benzo(b)fluoranthene
Concen: 7.162 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Tgt Ion:252 Resp: 72960

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.0	25.6#
125	13.0	9.0	13.6



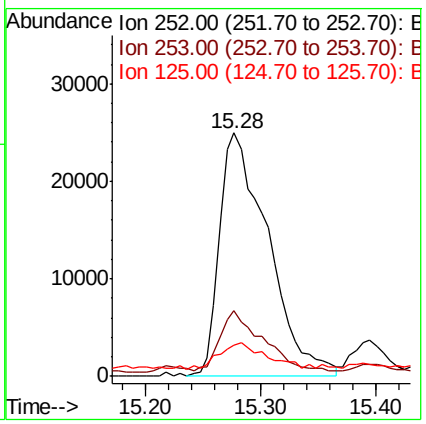


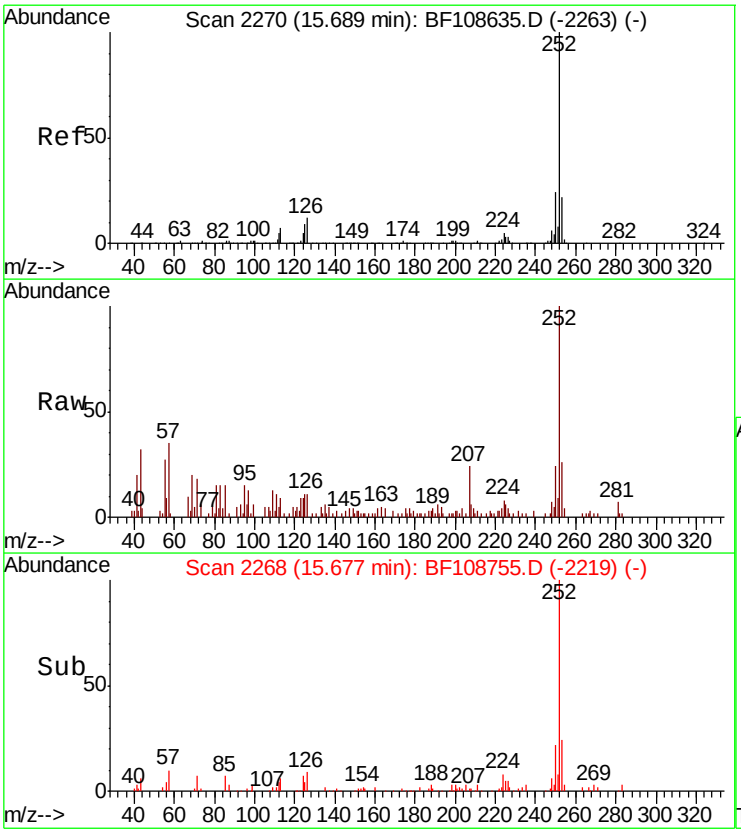
#88
Benzo(k)fluoranthene
Concen: 7.230 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 72960

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.9	26.9
125	13.0	10.2	15.2

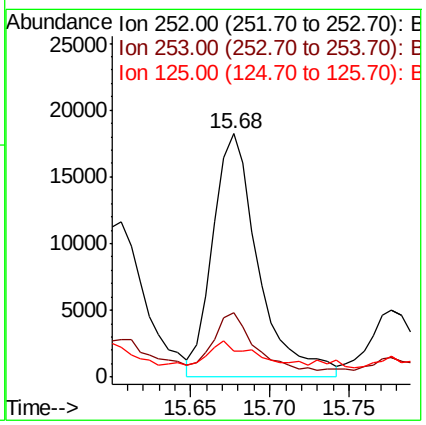


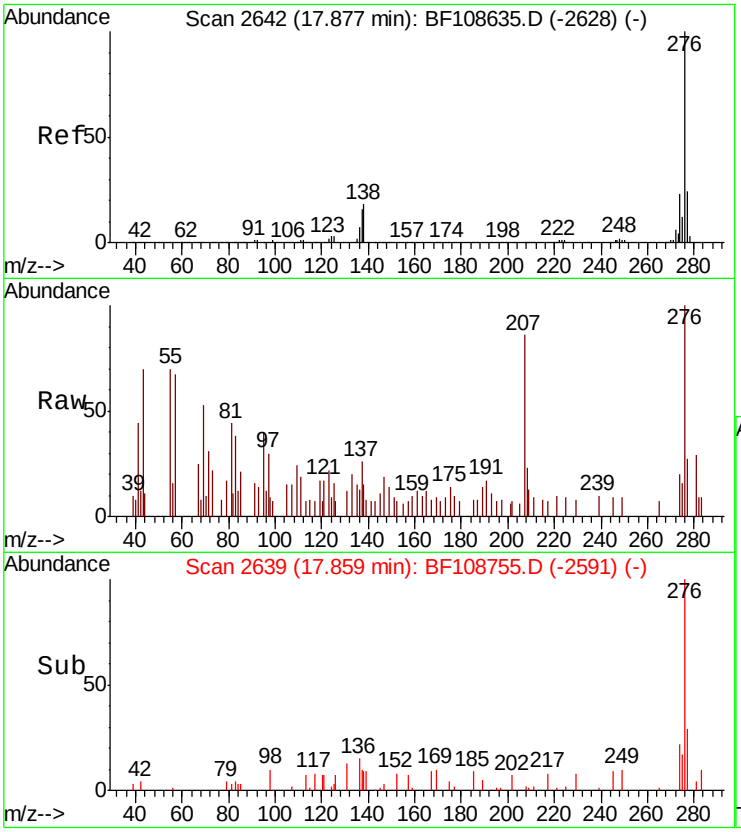


#89
Benzo(a)pyrene
Concen: 3.975 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Tgt Ion:252 Resp: 36591

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.1	25.7#
125	10.8	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.430 ng
RT: 17.86 min Scan# 2639
Delta R.T. -0.02 min
Lab File: BF108755.D
Acq: 4 Sep 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 17363

Ion	Ratio	Lower	Upper
276	100		
277	26.8	17.9	26.9
138	15.1	21.8	32.8#