Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108702.D
Acq On : 31 Aug 2018 21:11
Operator : JU/SJ
Sample : J4720-04 4X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 01 03:49:06 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	7.01	152	59933	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	253383	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	108598	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	196406	20.00	ng	0.00
75) Chrysene-d12	14.21	240	204877	20.00	ng	0.00
86) Perylene-d12	15.76	264	144677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	6185	1.79	ng	0.04
7) Phenol-d6	6.67	99	20865	4.22	ng	0.02
23) Nitrobenzene-d5	7.59	82	56076	11.23	ng	0.02
41) 2,4,6-Tribromophenol	10.85	330	20500	14.30	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	114197	14.14	ng	0.00
78) Terphenyl-d14	13.14	244	121797	11.55	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.59	82	56076	6.762	ng	# 64
49) Dimethylphthalate	9.74	163	37369	4.370	ng	# 94
55) 4-Nitrophenol	10.21	139	321	4.992	ng	# 1
70) Phenanthrene	11.57	178	83463	8.419	ng	# 74
71) Anthracene	11.57	178	83463	8.013	ng	# 73
73) Di-n-butylphthalate	12.08	149	25057	2.162	ng	# 49
74) Fluoranthene	12.78	202	111914	10.029	ng	79
77) Pyrene	13.01	202	86808	5.636	ng	# 81
82) Chrysene	14.24	228	39524	3.291	ng	# 90
83) Bis(2-ethylhexyl)phthalate	14.14	149	21178	2.544	ng	# 91
85) Indeno(1,2,3-cd)pyrene	17.38	276	18594	2.226	ng	# 91
87) Benzo(b)fluoranthene	15.29	252	55256	6.217	ng	# 91
88) Benzo(k)fluoranthene	15.29	252	55256	6.276	ng	# 94
89) Benzo(a)pyrene	15.69	252	22318	2.779	ng	# 84
91) Benzo(g,h,i)perylene	17.88	276	18286	2.933	ng	# 87

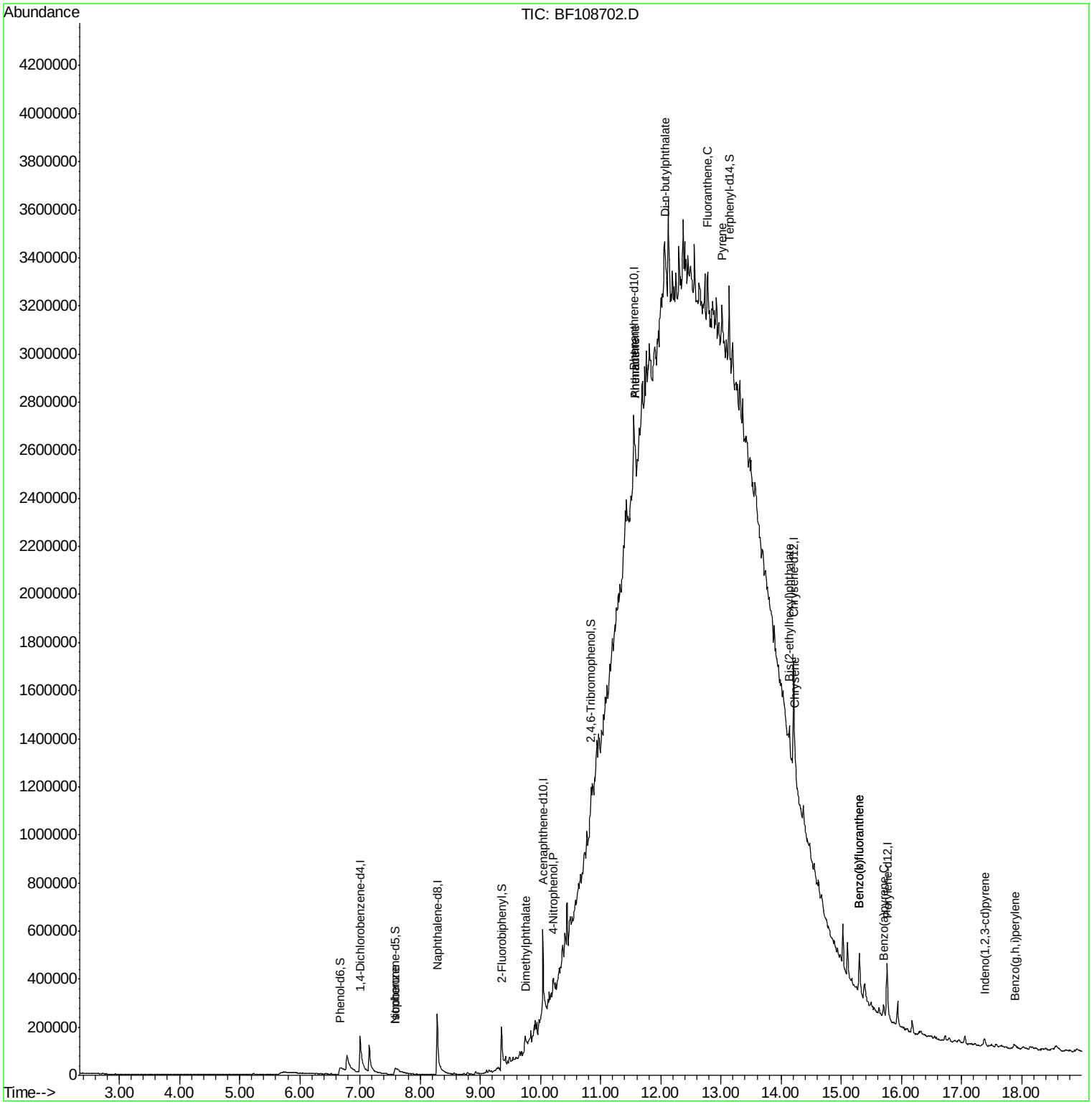
(#) = qualifier out of range (m) = manual integration (+) = signals summed

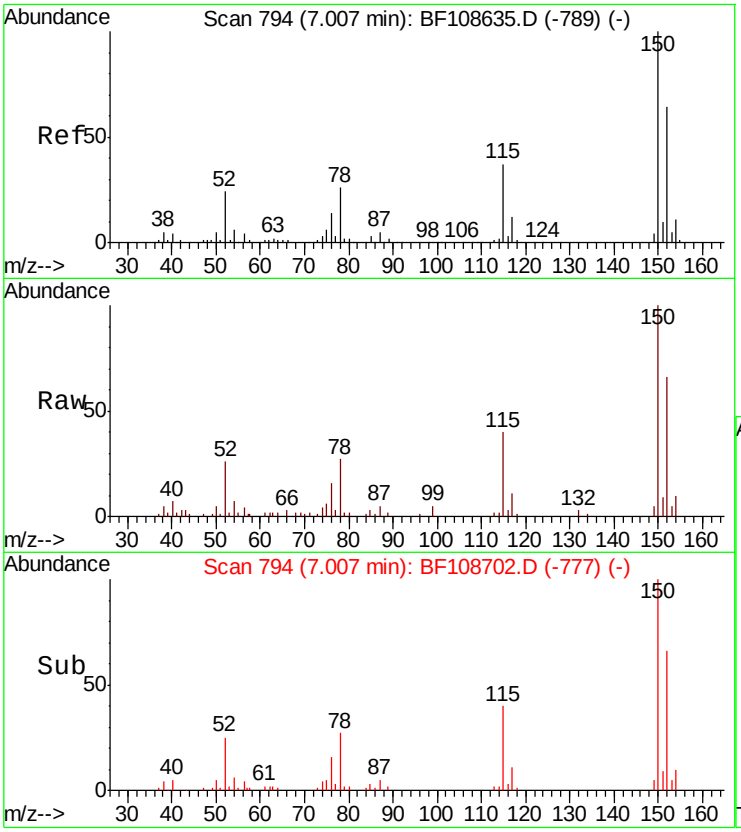
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108702.D
Acq On : 31 Aug 2018 21:11
Operator : JU/SJ
Sample : J4720-04 4X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 01 03:49:06 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



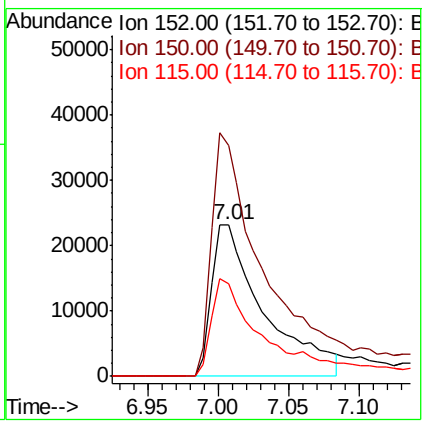


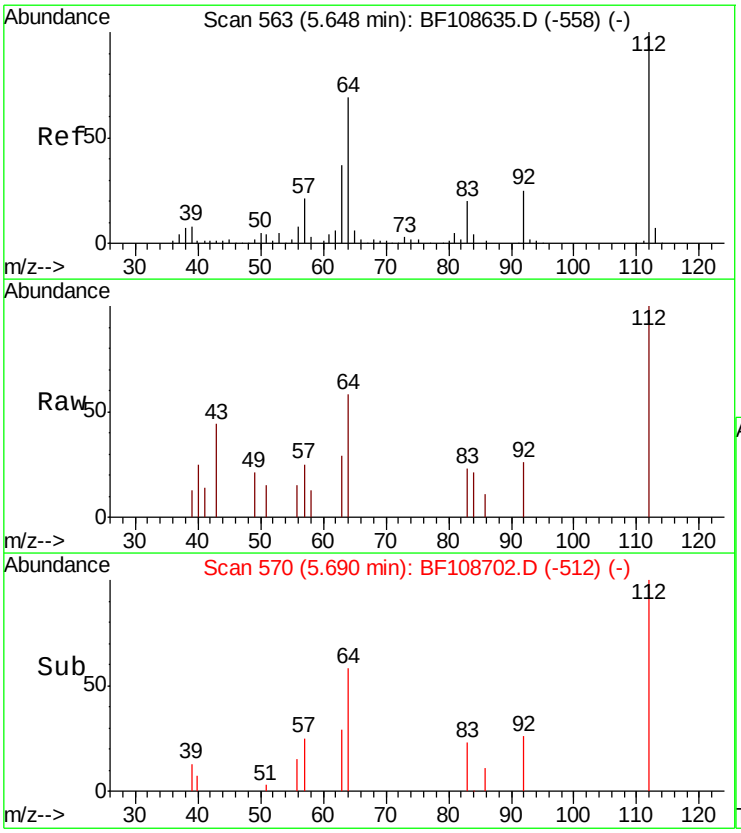
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 59933

Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.6	186.8
115	61.1	50.1	75.1

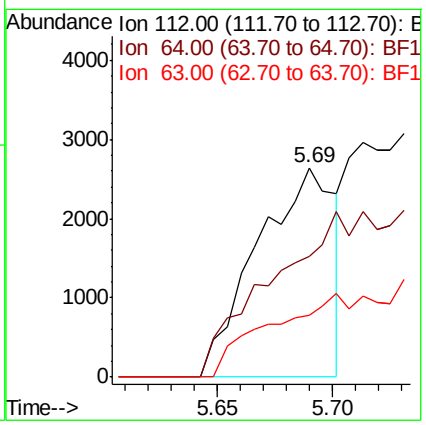


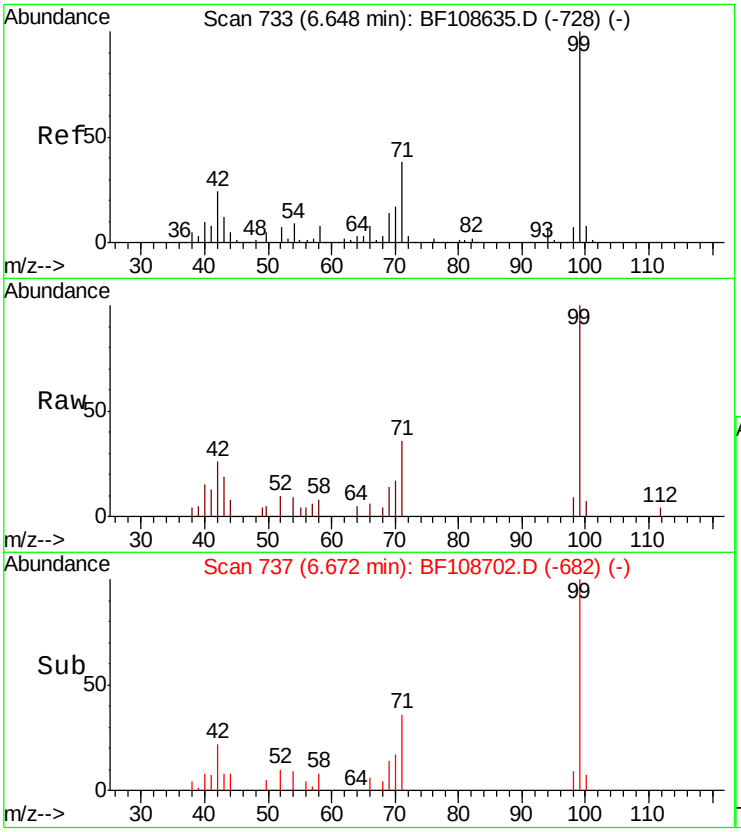


#5
2-Fluorophenol
Concen: 1.793 ng
RT: 5.69 min Scan# 570
Delta R.T. 0.04 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Tgt Ion:112 Resp: 6185

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	29.5	23.7	35.5



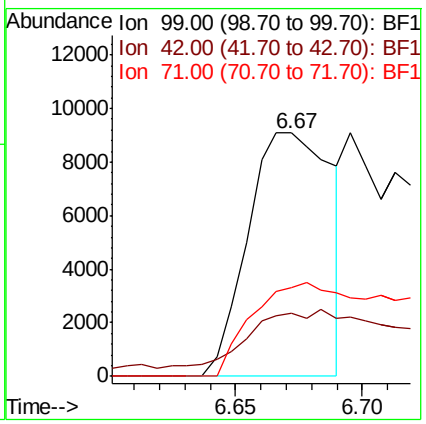


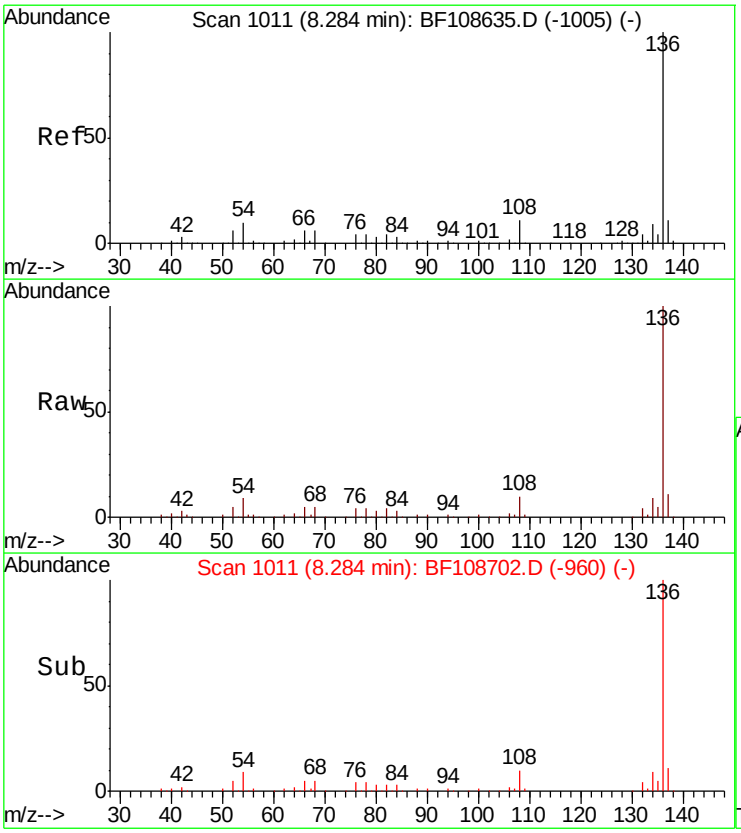
#7
Phenol-d6
Concen: 4.223 ng
RT: 6.67 min Scan# 737
Delta R.T. 0.02 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 20865

Ion	Ratio	Lower	Upper
99	100		
42	26.1	14.5	21.7#
71	36.2	25.4	38.0

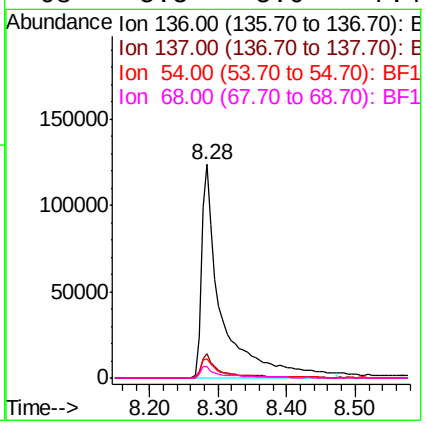


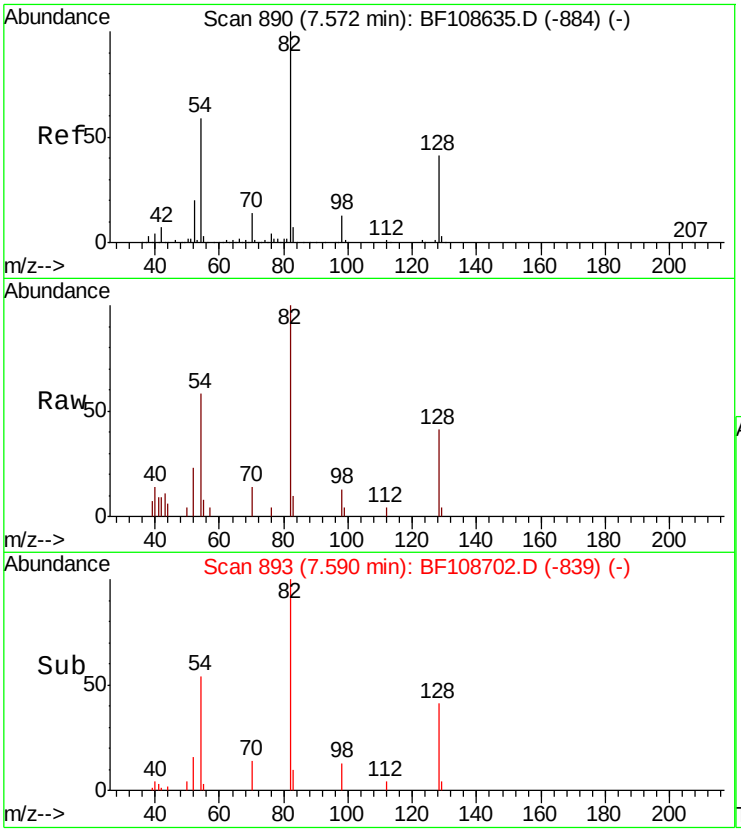


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Tgt Ion:136 Resp: 253383

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.9	6.6	9.8
68	5.5	5.0	7.4



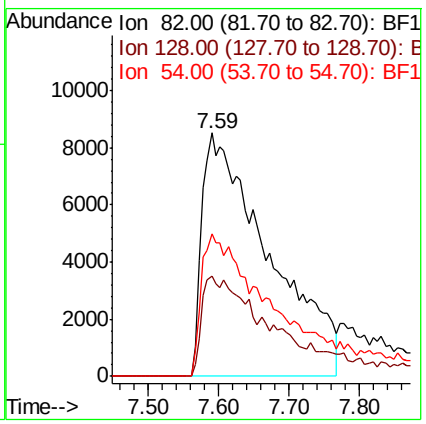


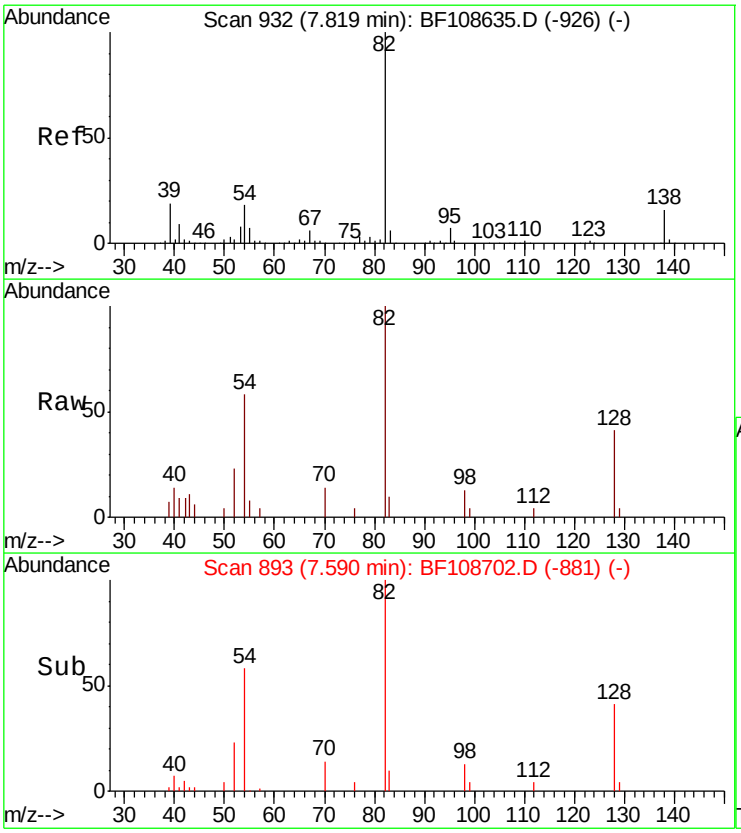
#23
Nitrobenzene-d5
Concen: 11.233 ng
RT: 7.59 min Scan# 893
Delta R.T. 0.02 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 56076

Ion	Ratio	Lower	Upper
82	100		
128	41.3	36.1	54.1
54	58.5	41.4	62.2

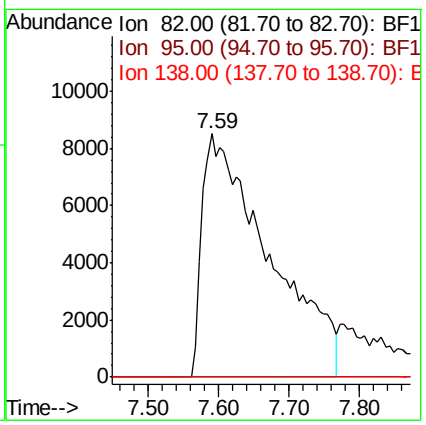


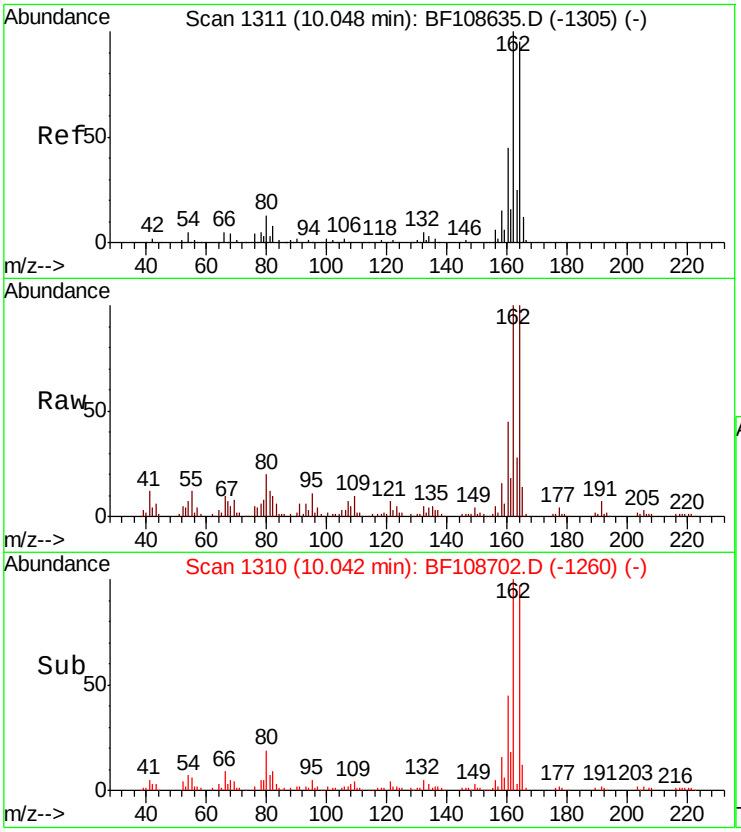


#25
Isophorone
Concen: 6.762 ng
RT: 7.59 min Scan# 893
Delta R.T. -0.23 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Tgt Ion: 82 Resp: 56076

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



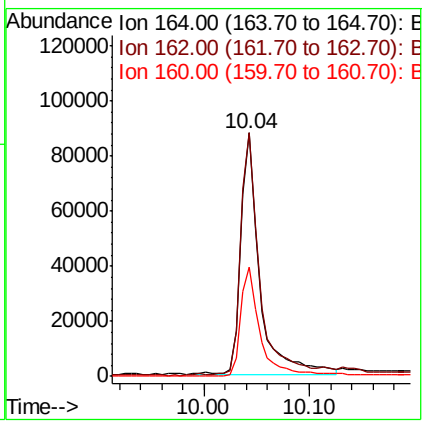


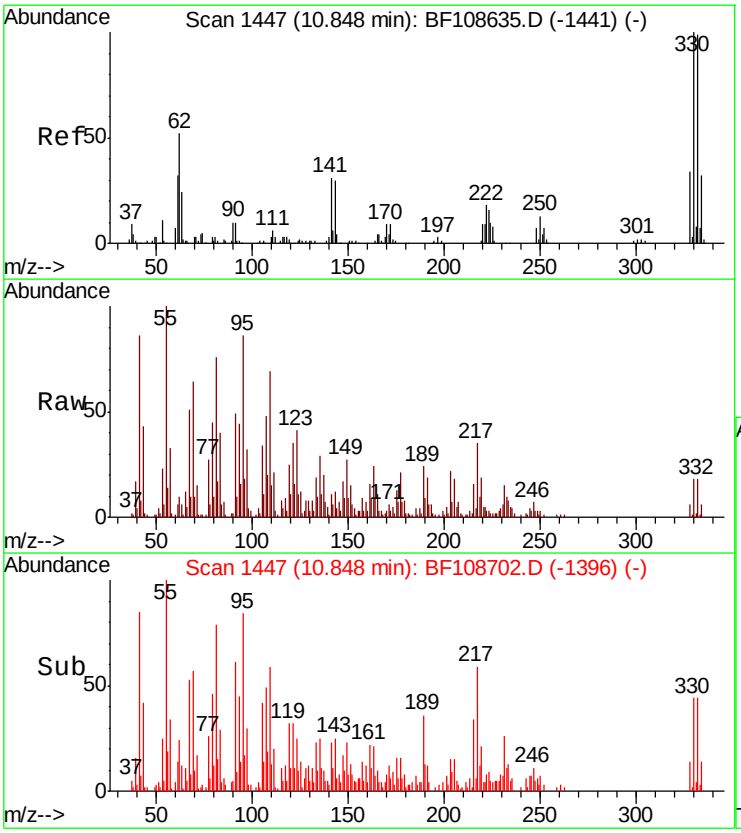
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 108598

Ion	Ratio	Lower	Upper
164	100		
162	100.2	86.1	129.1
160	44.9	38.3	57.5

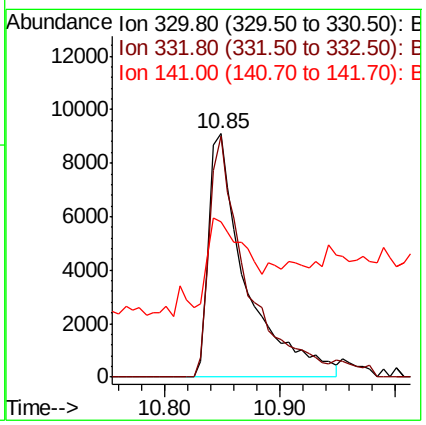


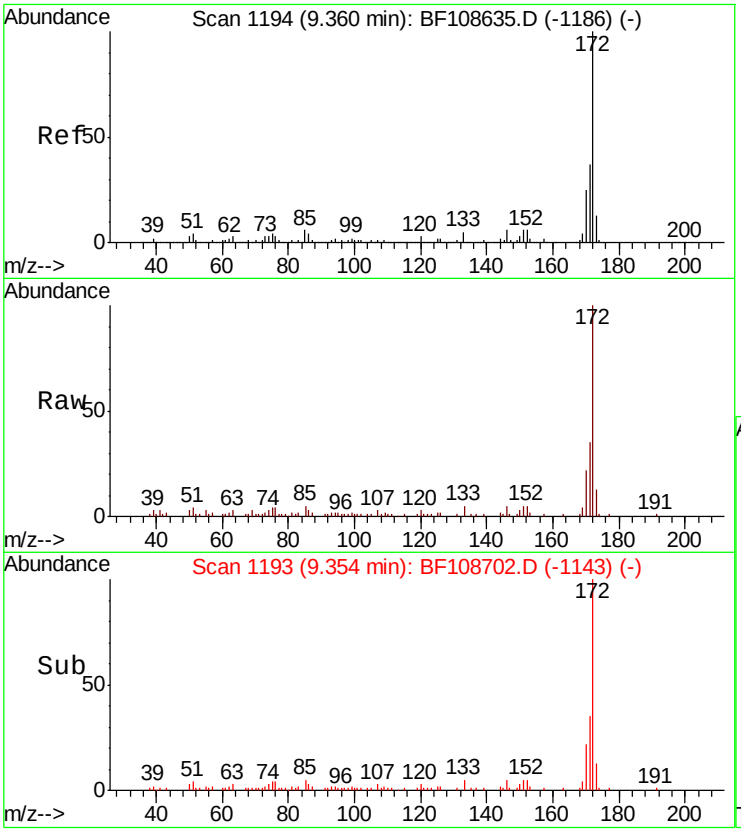


#41
2,4,6-Tribromophenol
Concen: 14.299 ng
RT: 10.85 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Tgt Ion:330 Resp: 20500

Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	36.8	29.9	44.9



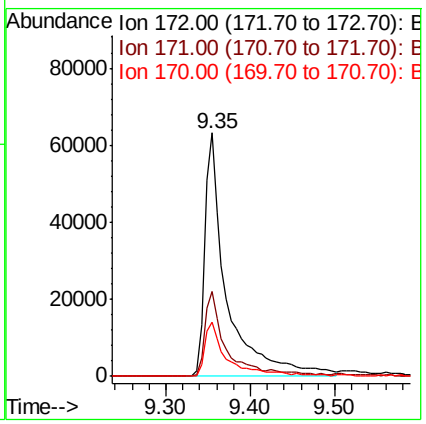


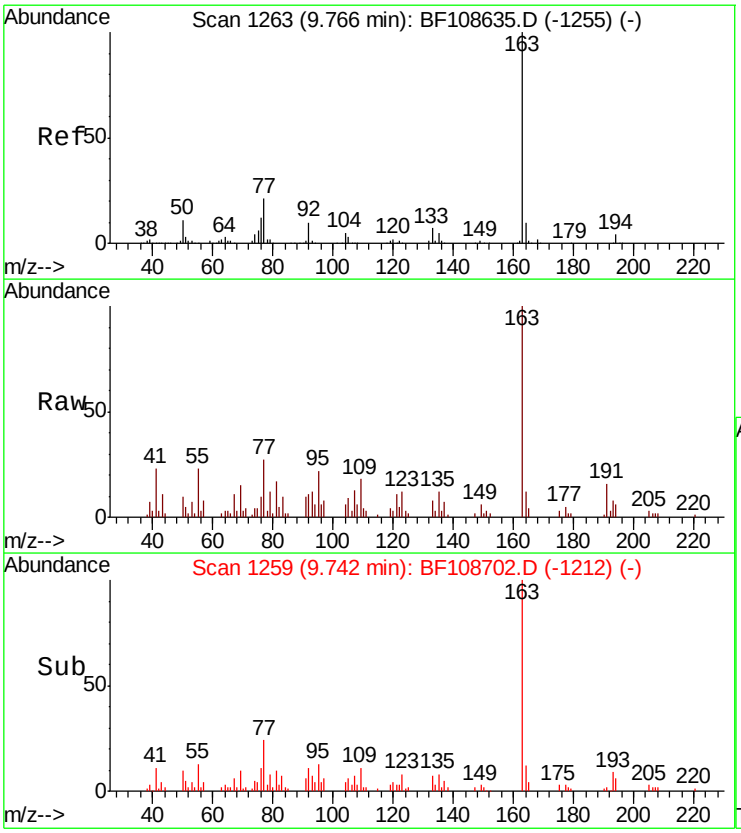
#44
2-Fluorobiphenyl
Concen: 14.139 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 114197

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	22.3	19.6	29.4

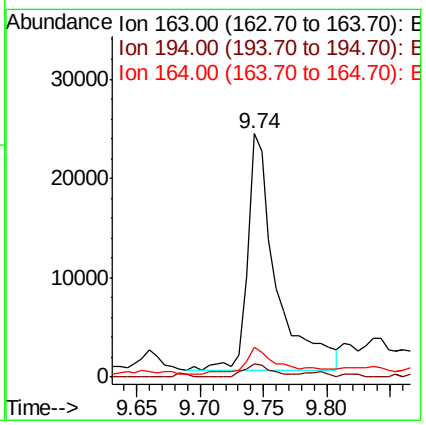


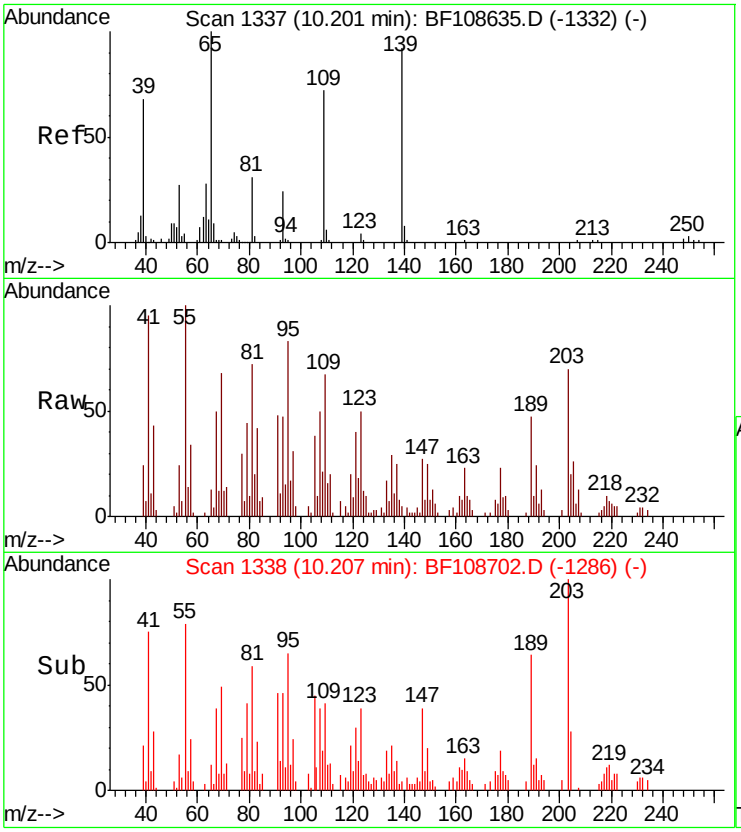


#49
Dimethylphthalate
Concen: 4.370 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Tgt Ion:163 Resp: 37369

Ion	Ratio	Lower	Upper
163	100		
194	5.7	2.7	4.1#
164	12.2	8.2	12.2



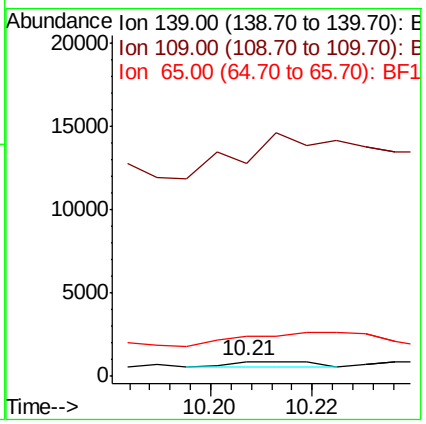


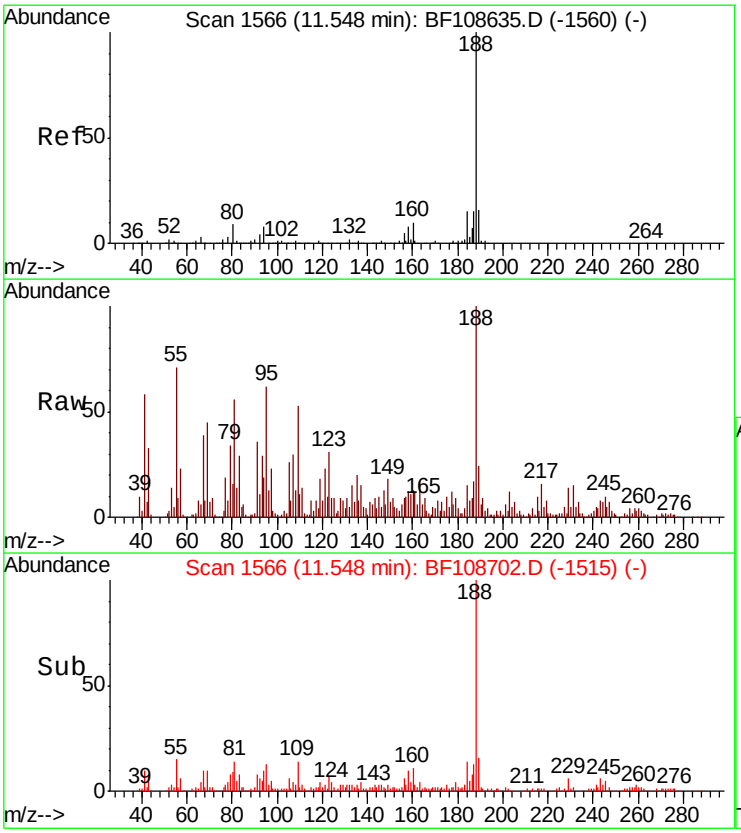
#55
4-Nitrophenol
Concen: 4.992 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 321

Ion	Ratio	Lower	Upper
139	100		
109	1455.5	48.4	88.4#
65	276.8	72.6	112.6#

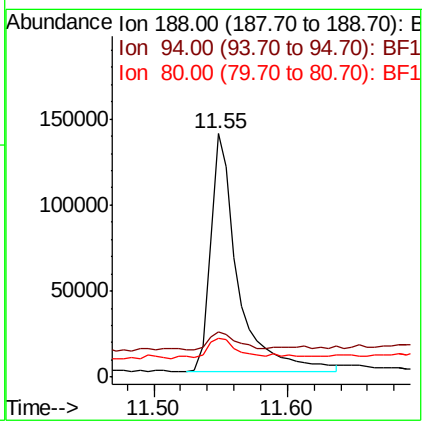


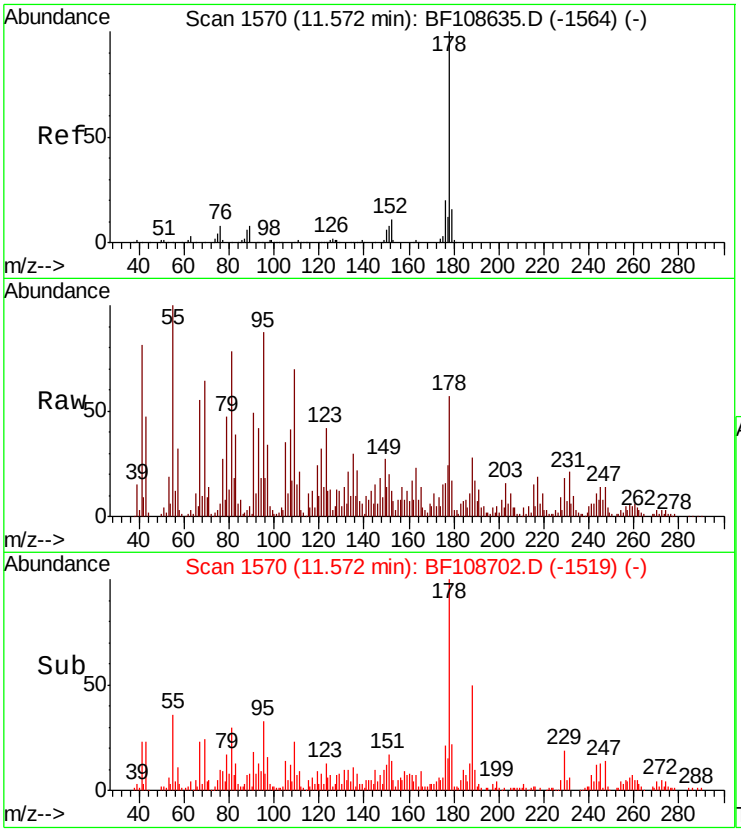


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Tgt Ion:188 Resp: 196406

Ion	Ratio	Lower	Upper
188	100		
94	18.8	8.5	12.7#
80	16.2	9.2	13.8#



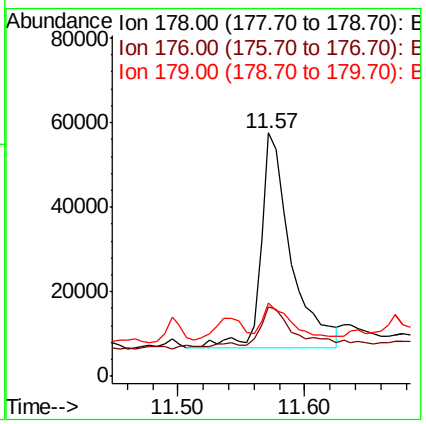


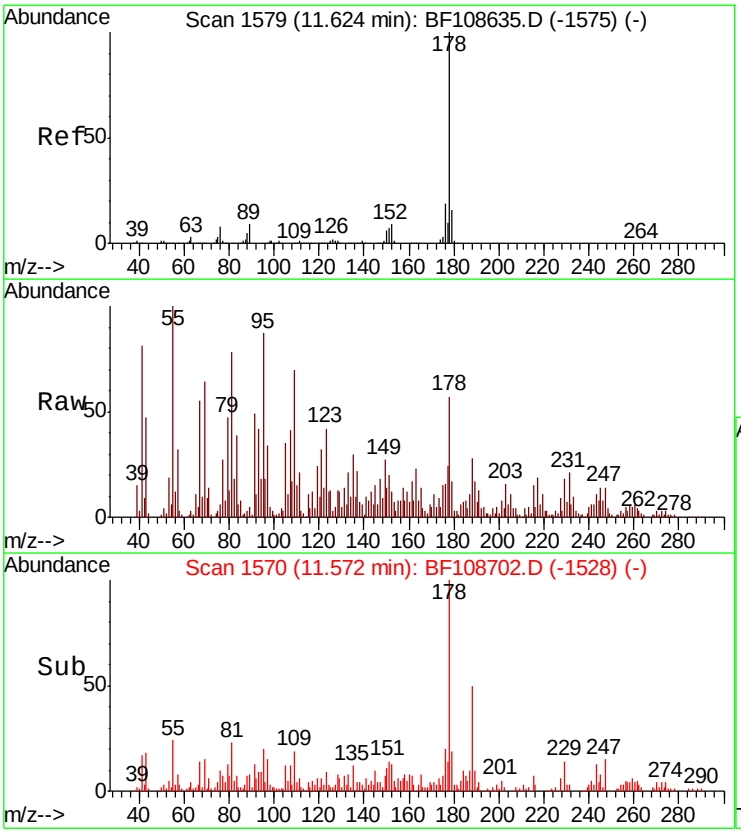
#70
Phenanthrene
Concen: 8.419 ng
RT: 11.57 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 83463

Ion	Ratio	Lower	Upper
178	100		
176	28.8	15.8	23.8#
179	30.2	13.0	19.6#

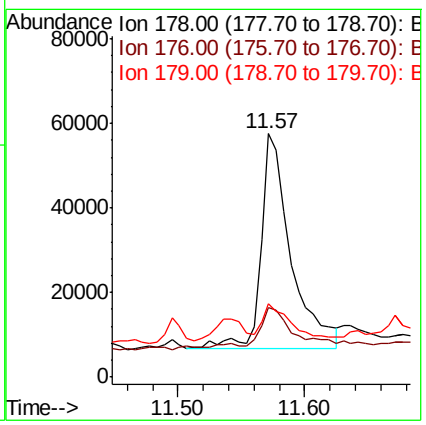


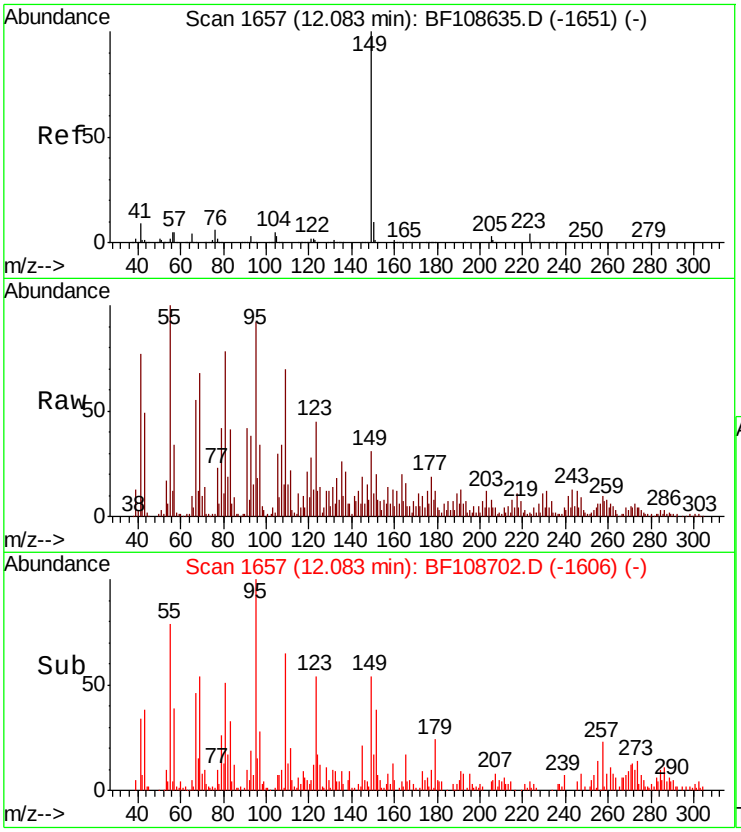


#71
Anthracene
Concen: 8.013 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.05 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Tgt Ion:178 Resp: 83463

Ion	Ratio	Lower	Upper
178	100		
176	28.8	15.4	23.2#
179	30.2	12.6	19.0#



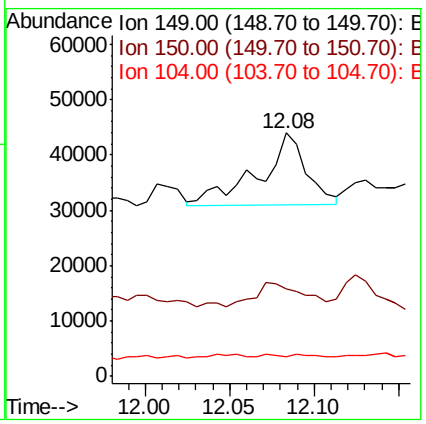


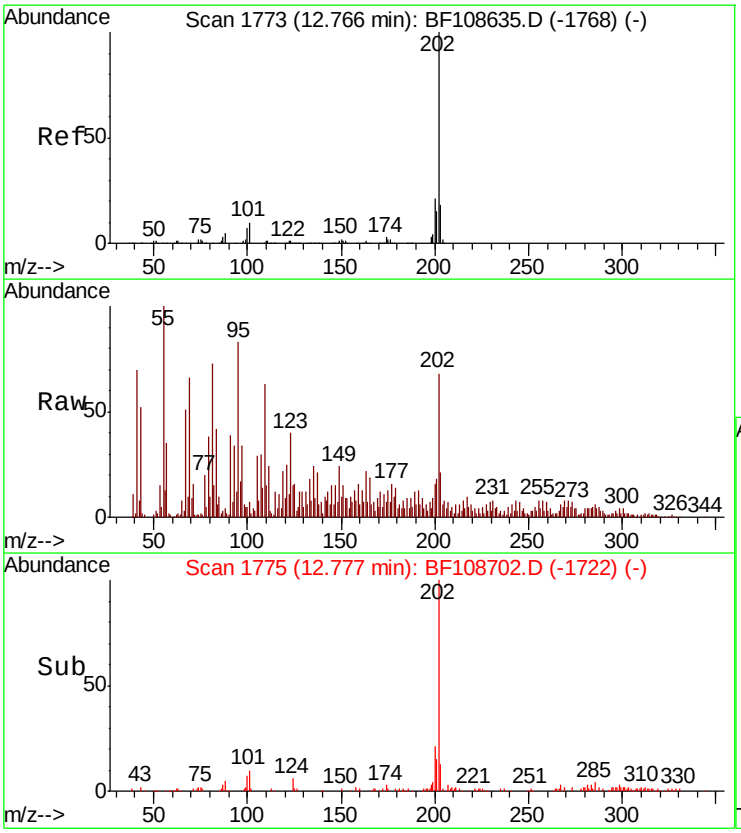
#73
Di-n-butylphthalate
Concen: 2.162 ng
RT: 12.08 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 25057

Ion	Ratio	Lower	Upper
149	100		
150	36.2	7.8	11.6#
104	7.9	3.8	5.8#

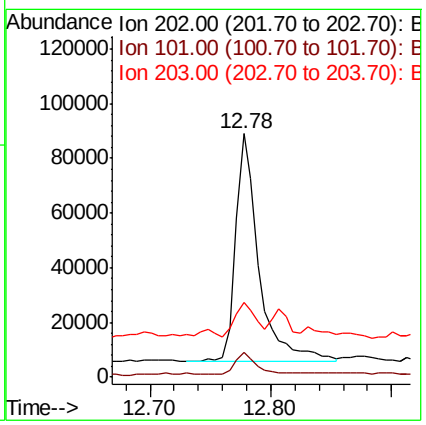


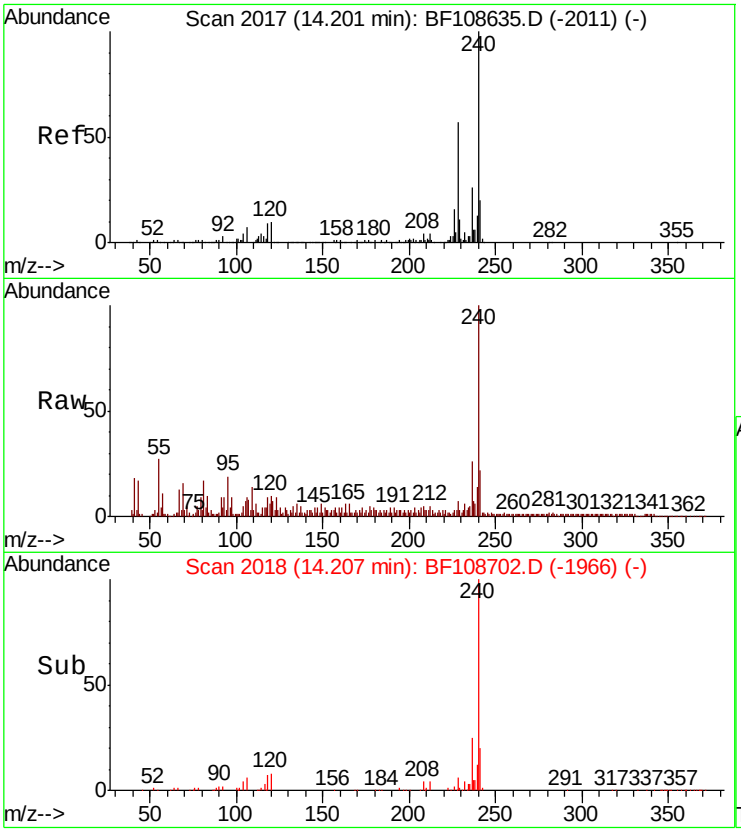


#74
Fluoranthene
Concen: 10.029 ng
RT: 12.78 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Tgt Ion:202 Resp: 111914

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	30.9	0.0	38.1



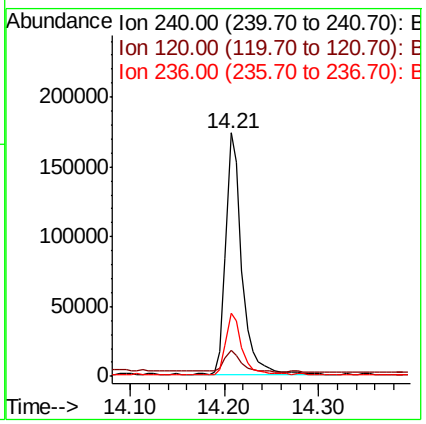


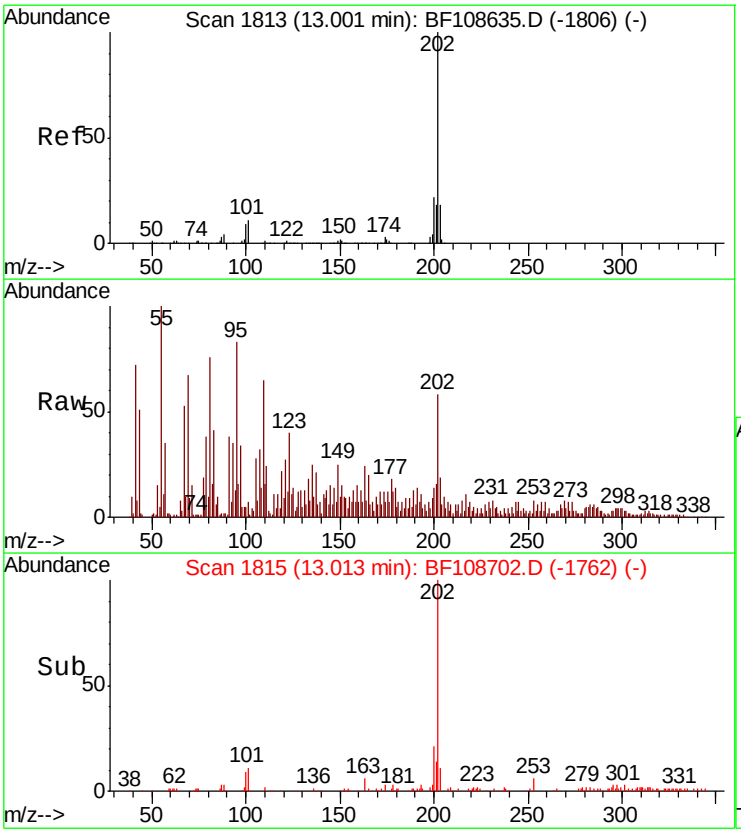
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 204877

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	26.0	20.7	31.1

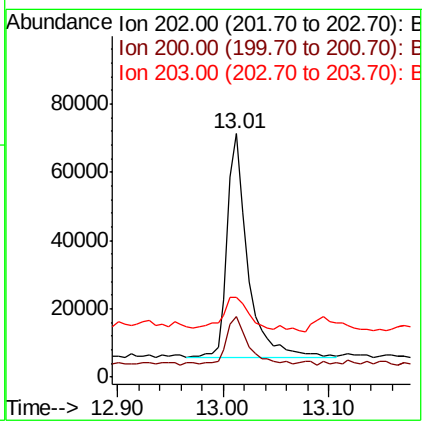


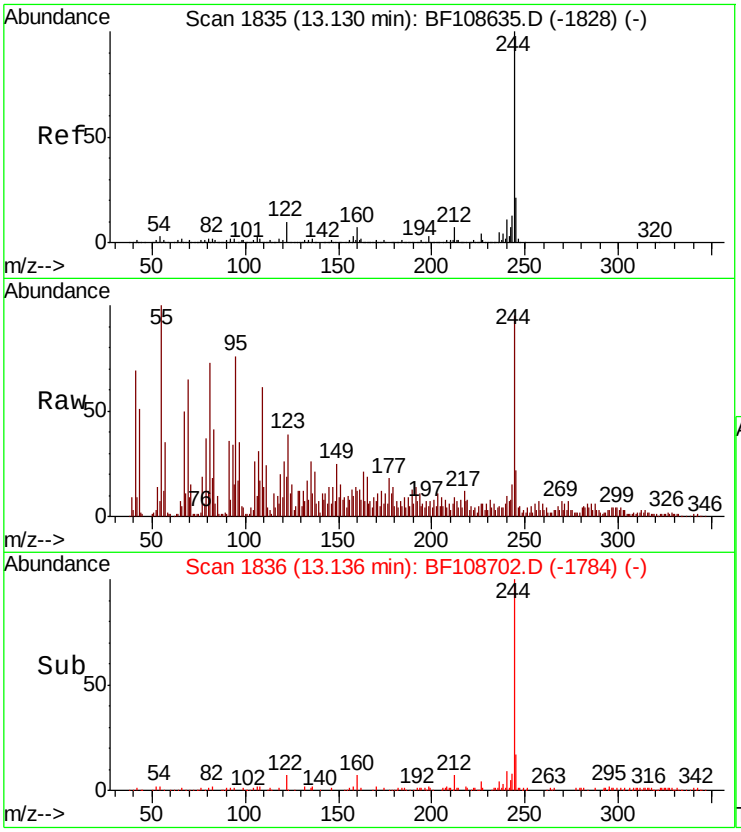


#77
Pyrene
Concen: 5.636 ng
RT: 13.01 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Tgt Ion:202 Resp: 86808

Ion	Ratio	Lower	Upper
202	100		
200	24.7	17.4	26.2
203	33.0	14.3	21.5#



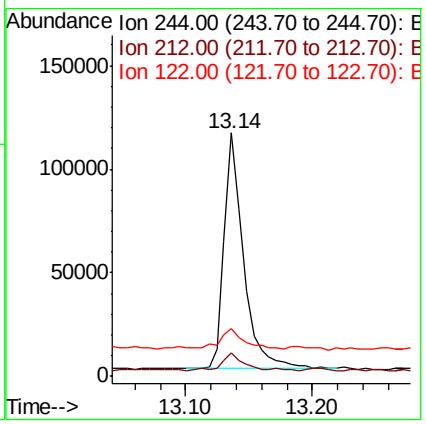


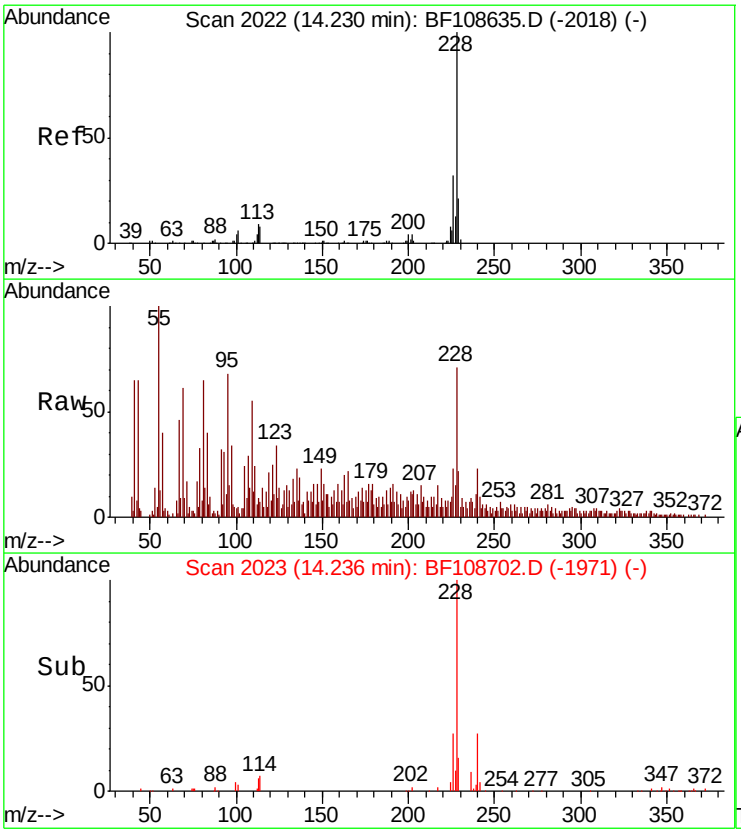
#78
Terphenyl-d14
Concen: 11.551 ng
RT: 13.14 min Scan# 1836
Delta R.T. 0.01 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 121797

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.4	8.0#
122	19.6	11.0	16.4#

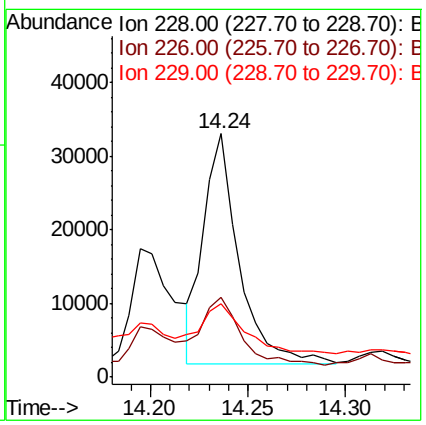


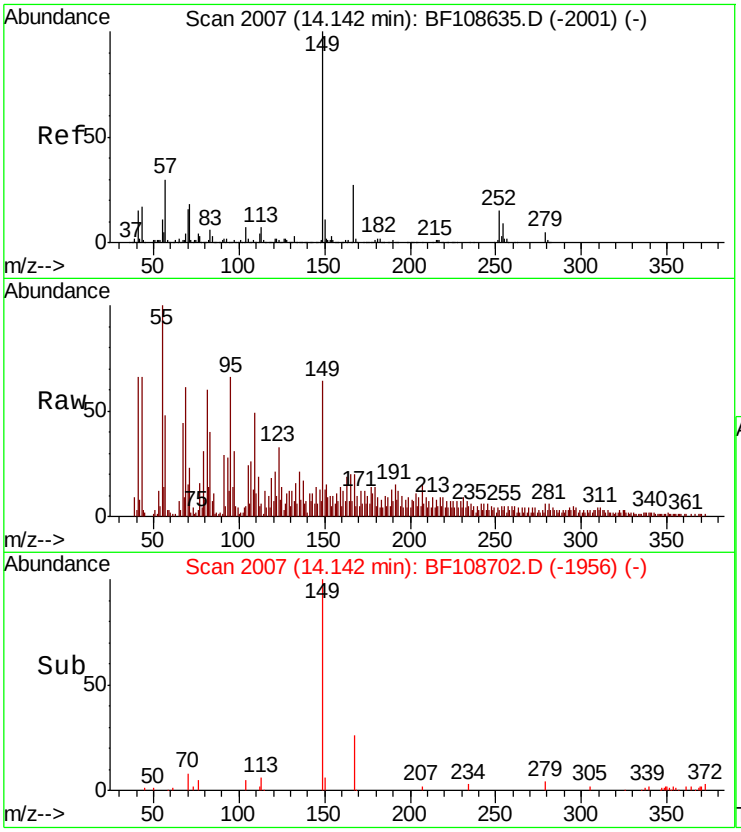


#82
Chrysene
Concen: 3.291 ng
RT: 14.24 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Tgt Ion:228 Resp: 39524

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.6
229	30.3	16.2	24.4#



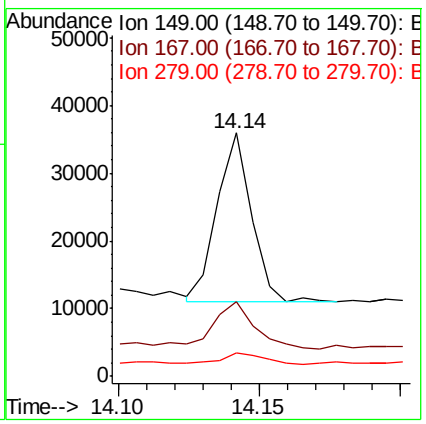


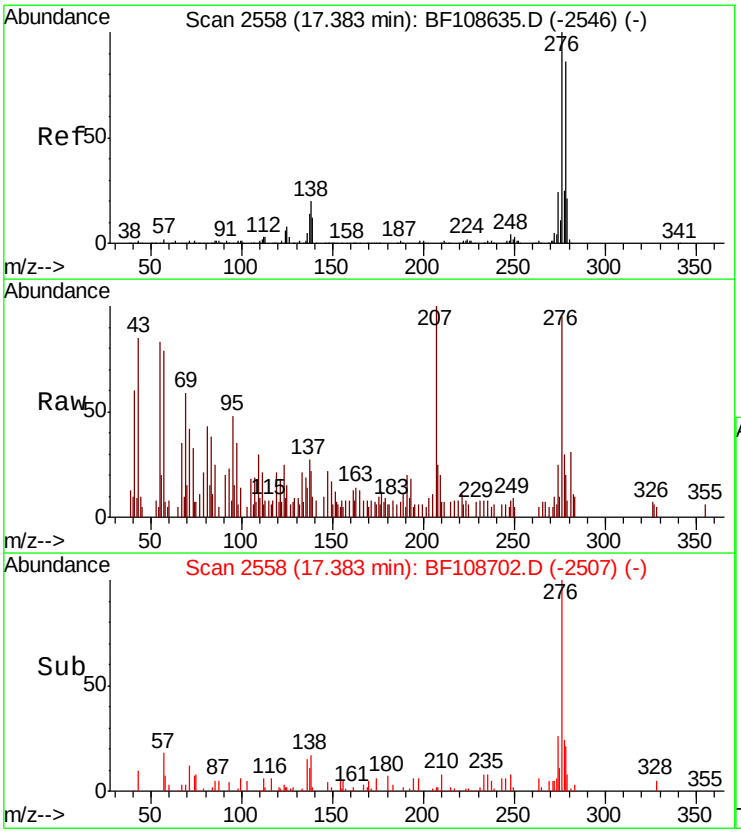
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.544 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 21178

Ion	Ratio	Lower	Upper
149	100		
167	30.5	21.3	31.9
279	9.6	3.0	4.4#

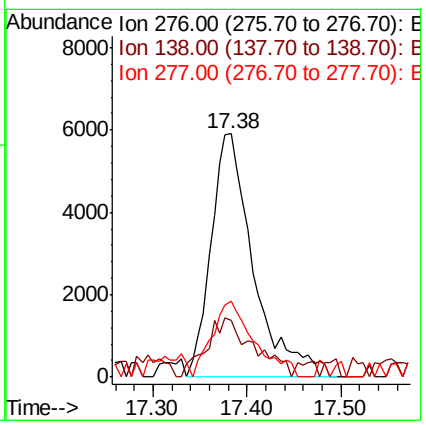


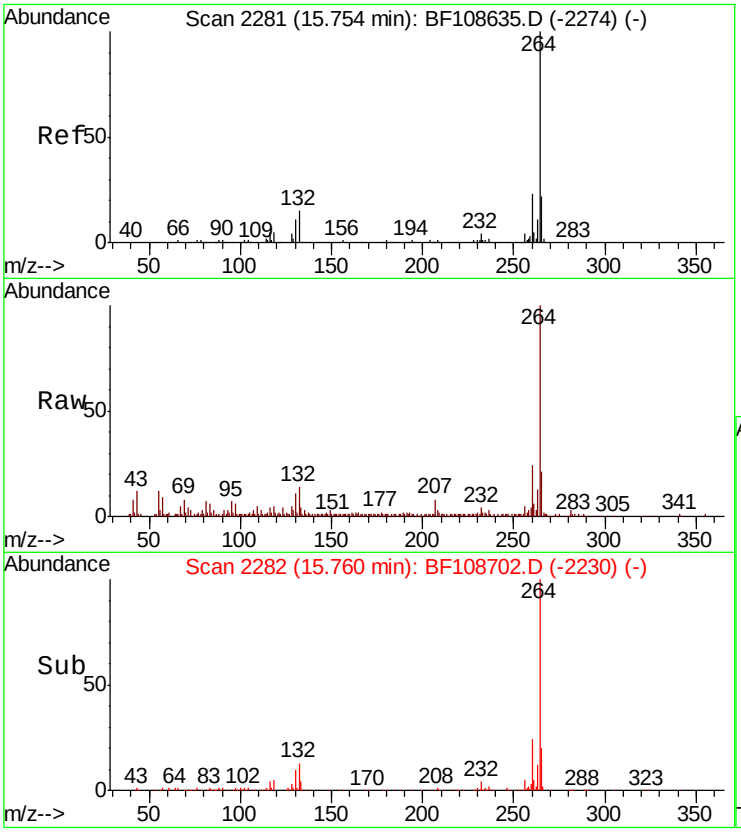


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.226 ng
RT: 17.38 min Scan# 2558
Delta R.T. 0.00 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Tgt Ion:276 Resp: 18594

Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.0	37.6
277	31.0	20.1	30.1#



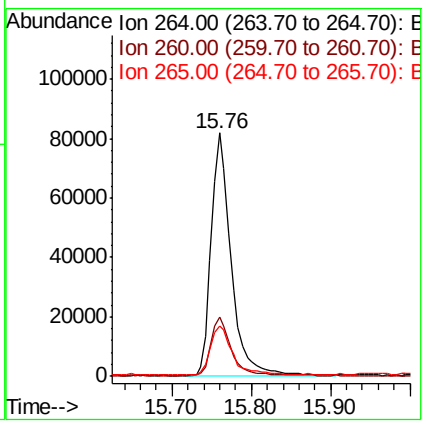


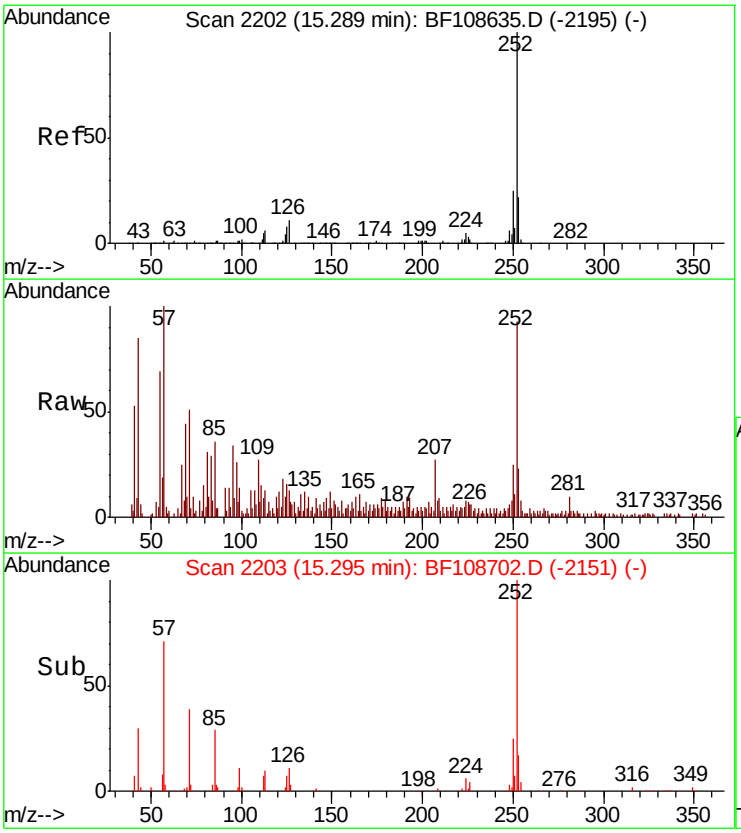
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.76 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 144677

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.5	17.5	26.3

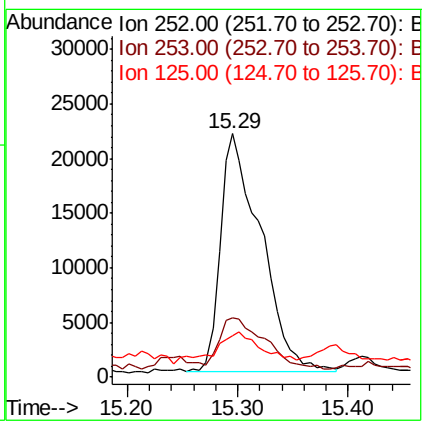


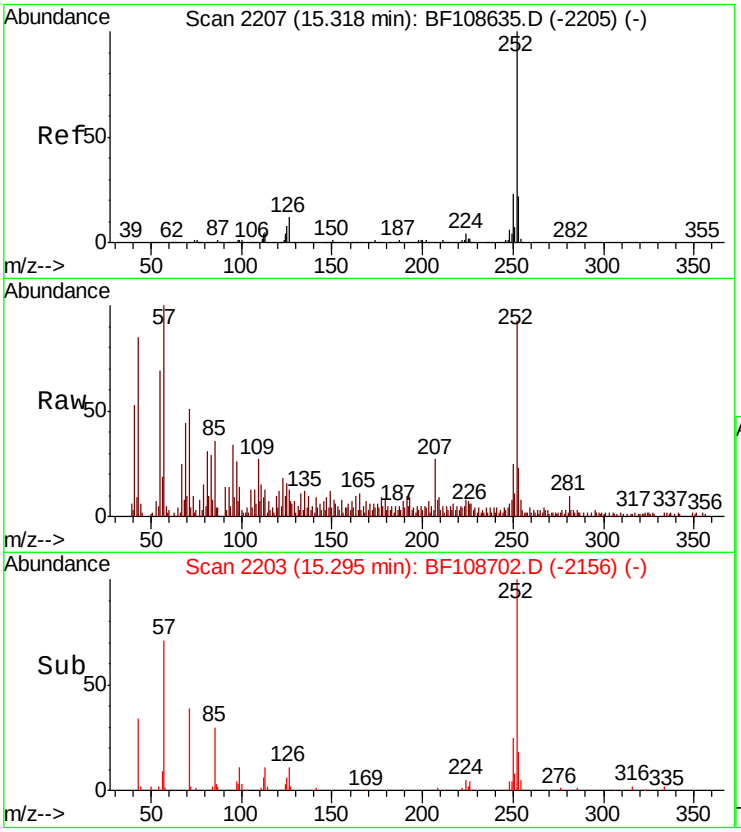


#87
Benzo(b)fluoranthene
Concen: 6.217 ng
RT: 15.29 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Tgt Ion:252 Resp: 55256

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	16.8	9.0	13.6#



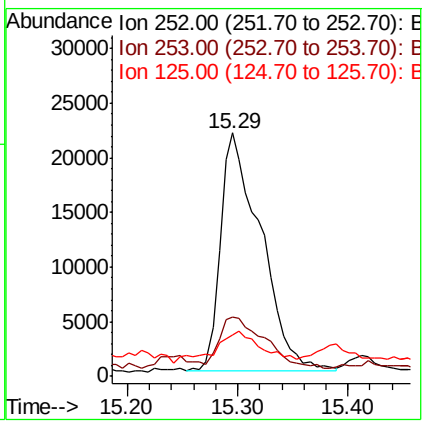


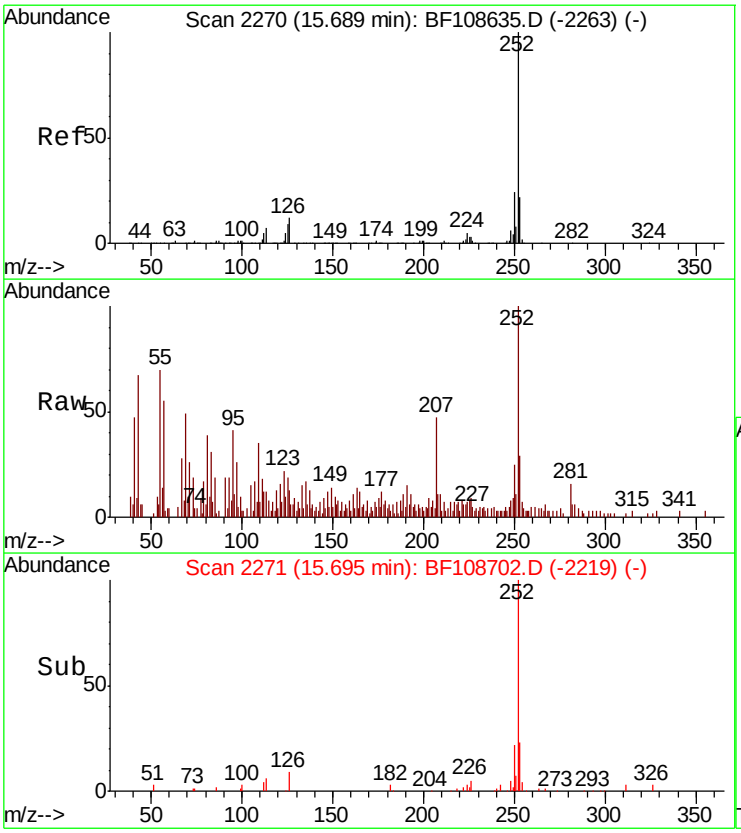
#88
Benzo(k)fluoranthene
Concen: 6.276 ng
RT: 15.29 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 55256

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	16.8	10.2	15.2#

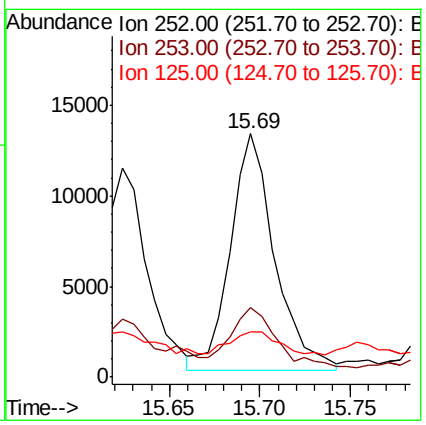


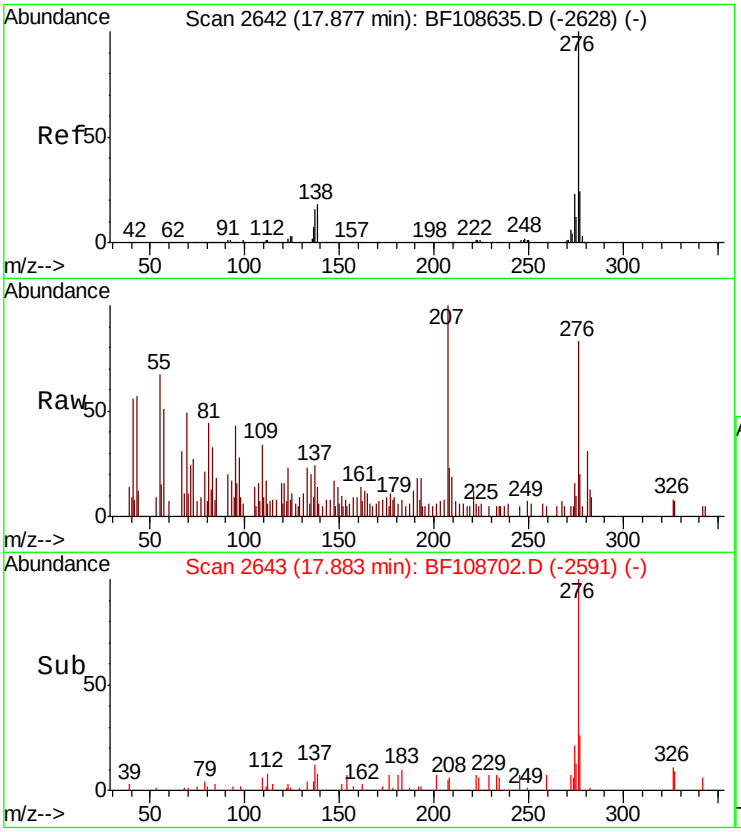


#89
Benzo(a)pyrene
Concen: 2.779 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Tgt Ion:252 Resp: 22318

Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.1	25.7#
125	18.7	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.933 ng
RT: 17.88 min Scan# 2643
Delta R.T. 0.01 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 18286

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	16.9	21.8	32.8#