Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108763.D
Acq On : 5 Sep 2018 3:46
Operator : JU/SJ
Sample : J4712-13DL5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 05 08:02:58 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	54957	20.00	ng		-0.01
21) Naphthalene-d8	8.27	136	240070	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	119885	20.00	ng		-0.02
63) Phenanthrene-d10	11.53	188	255857	20.00	ng		-0.02
75) Chrysene-d12	14.18	240	182386	20.00	ng		-0.02
86) Perylene-d12	15.74	264	136396	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	8547	2.70	ng		0.05
7) Phenol-d6	6.70	99	22855	5.04	ng		0.05
23) Nitrobenzene-d5	7.61	82	35572	7.52	ng		0.04
41) 2,4,6-Tribromophenol	10.84	330	17719	11.20	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	84891	9.52	ng		-0.02
78) Terphenyl-d14	13.11	244	104289	11.11	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	9.74	163	22384	2.371	ng		99
50) 2,6-Dinitrotoluene	10.03	165	14898	7.159	ng	#	24
56) 2,4-Dinitrotoluene	10.03	165	15049	5.462	ng	#	21
70) Phenanthrene	11.56	178	50298	3.895	ng		99
71) Anthracene	11.56	178	50298	3.707	ng		98
74) Fluoranthene	12.75	202	198883	13.681	ng		95
77) Pyrene	12.98	202	155595	11.349	ng		99
80) Benzo(a)anthracene	14.21	228	79343	7.136	ng		95
82) Chrysene	14.21	228	79343	7.420	ng		96
83) Bis(2-ethylhexyl)phthalate	14.12	149	349865	47.213	ng		99
85) Indeno(1,2,3-cd)pyrene	17.37	276	33236	4.470	ng	#	91
87) Benzo(b)fluoranthene	15.28	252	106390	12.698	ng	#	89
88) Benzo(k)fluoranthene	15.28	252	106390	12.818	ng	#	92
89) Benzo(a)pyrene	15.68	252	37421	4.942	ng	#	78
91) Benzo(g,h,i)perylene	17.85	276	35275	6.002	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
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Sample : J4712-13DL5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
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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
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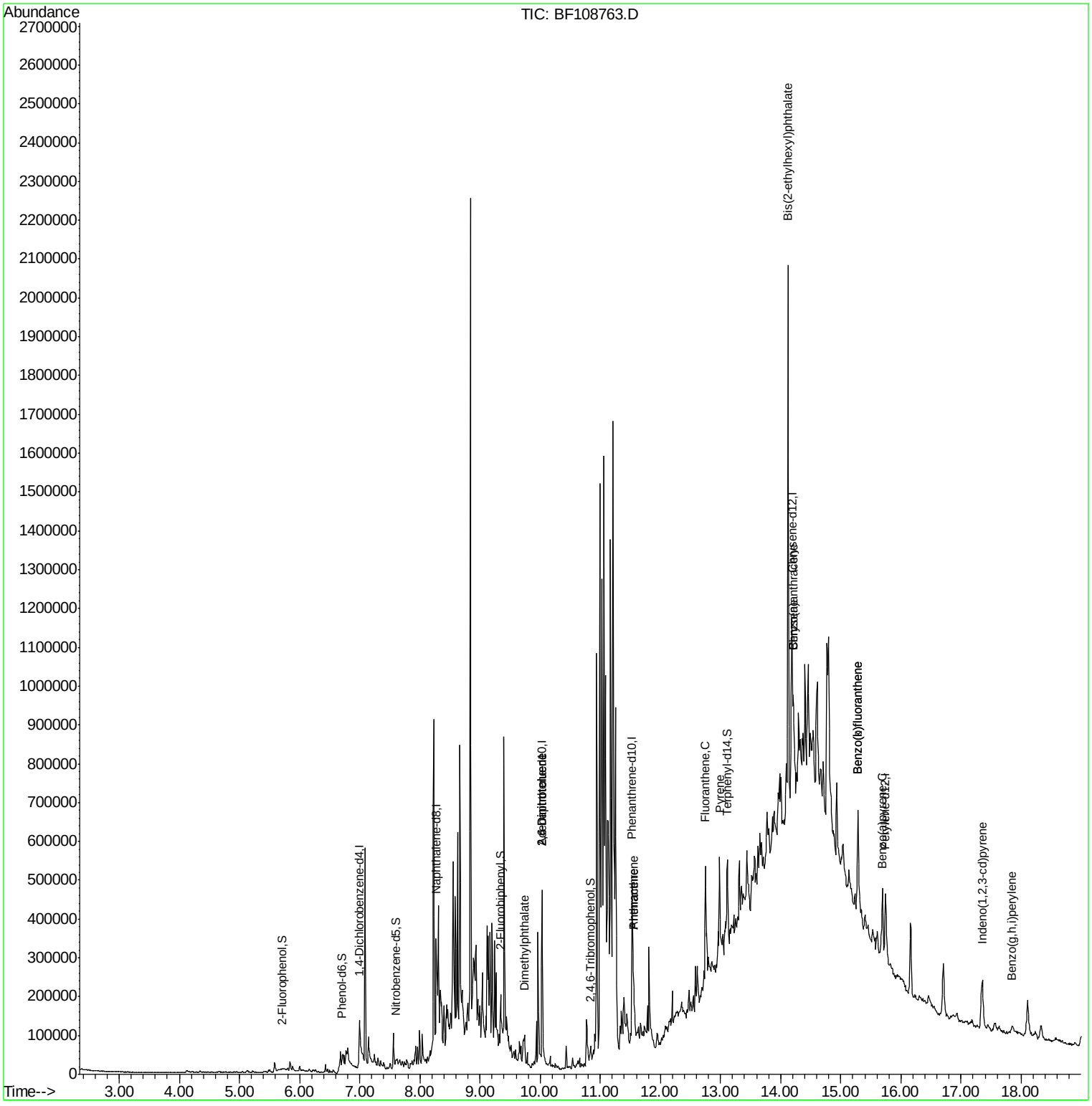
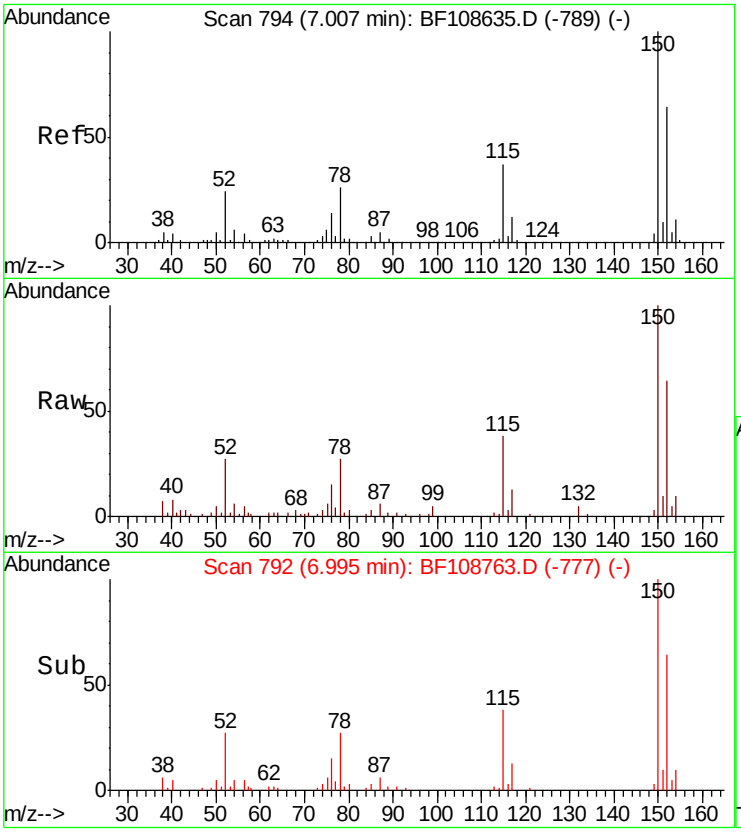


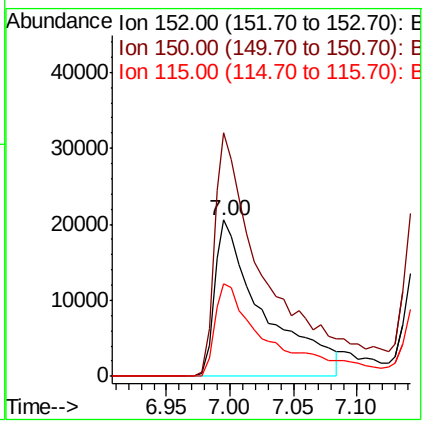


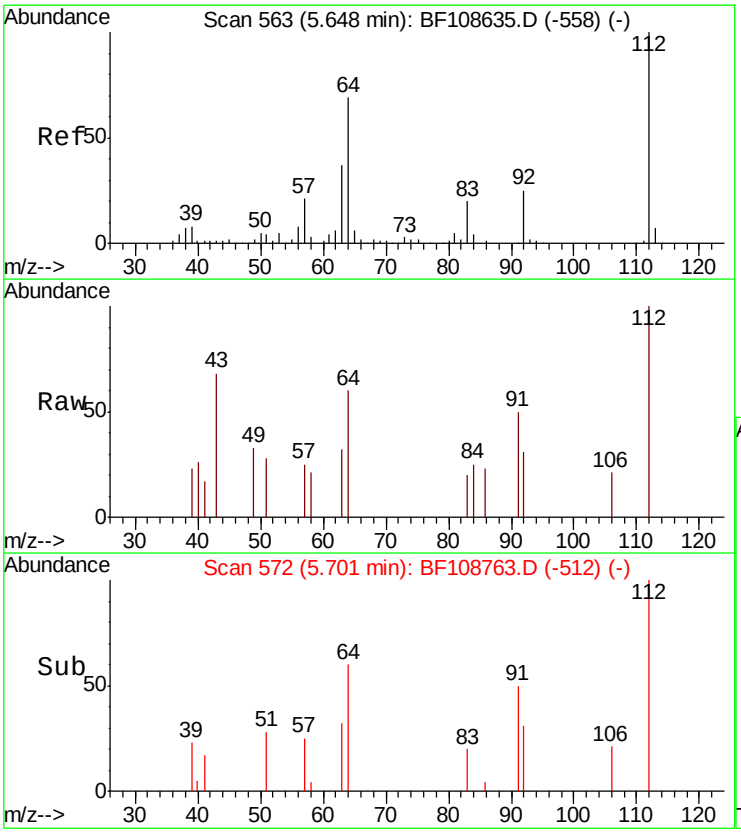
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 54957

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	59.3	50.1	75.1

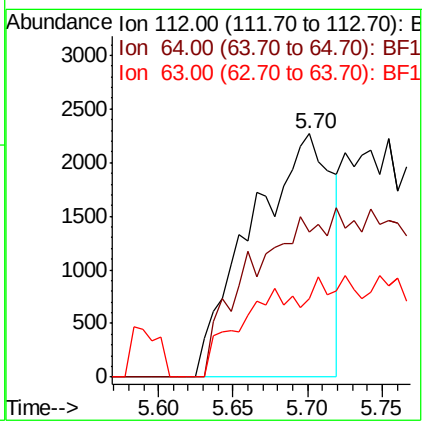


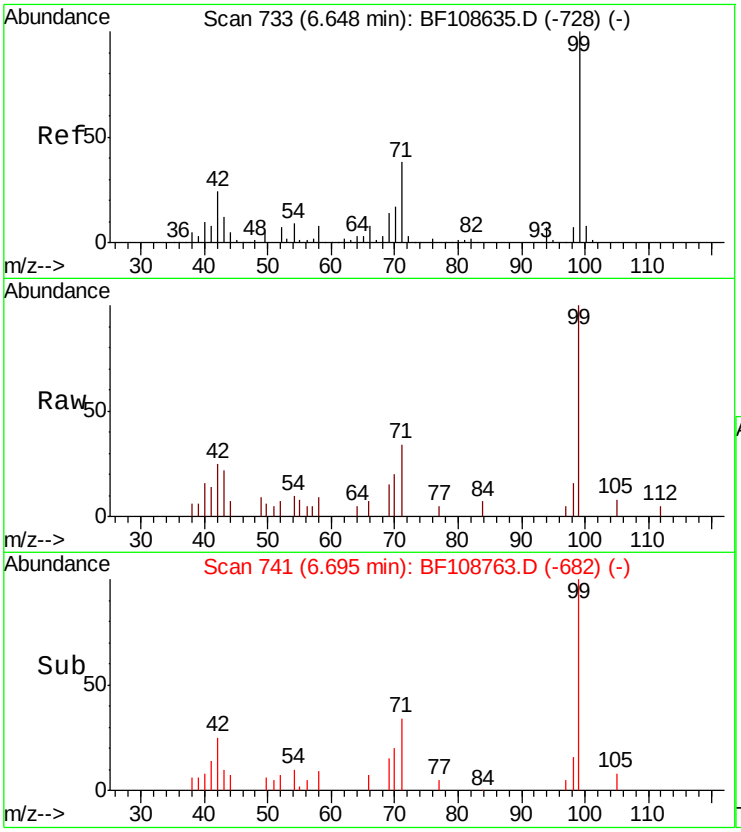


#5
2-Fluorophenol
Concen: 2.702 ng
RT: 5.70 min Scan# 572
Delta R.T. 0.05 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Tgt Ion:112 Resp: 8547

Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	32.2	23.7	35.5



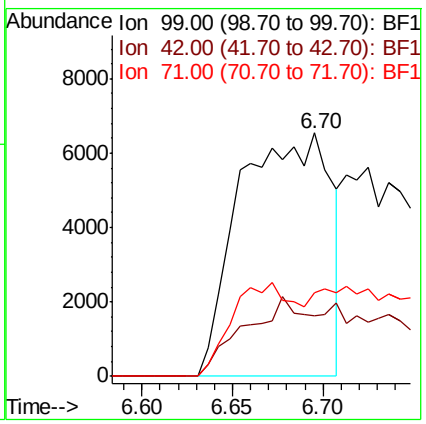


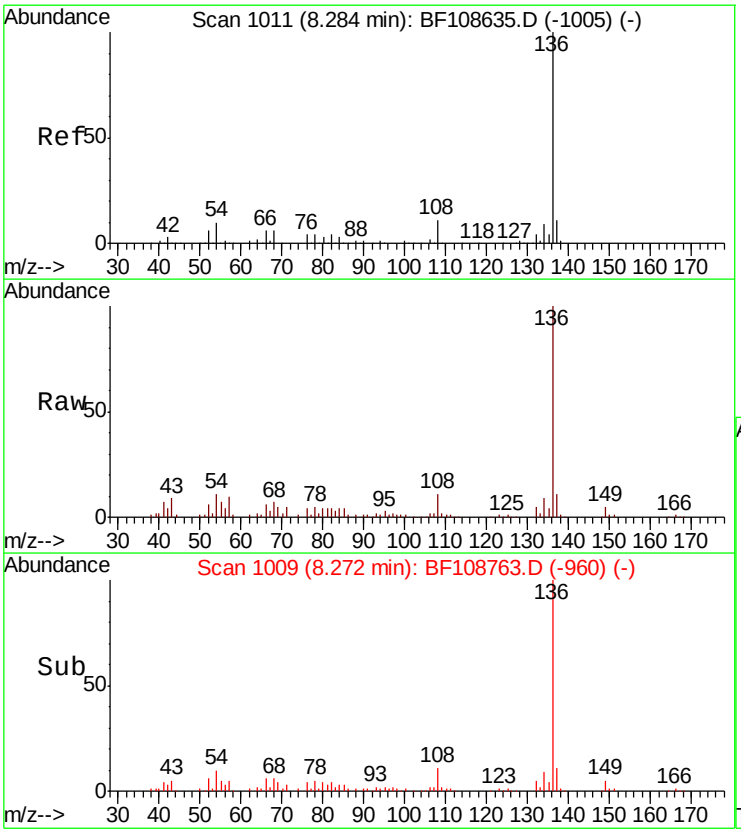
#7
Phenol-d6
Concen: 5.044 ng
RT: 6.70 min Scan# 741
Delta R.T. 0.05 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 22855

Ion	Ratio	Lower	Upper
99	100		
42	24.8	14.5	21.7#
71	34.2	25.4	38.0

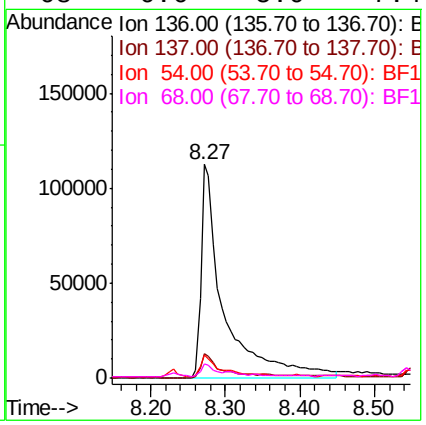


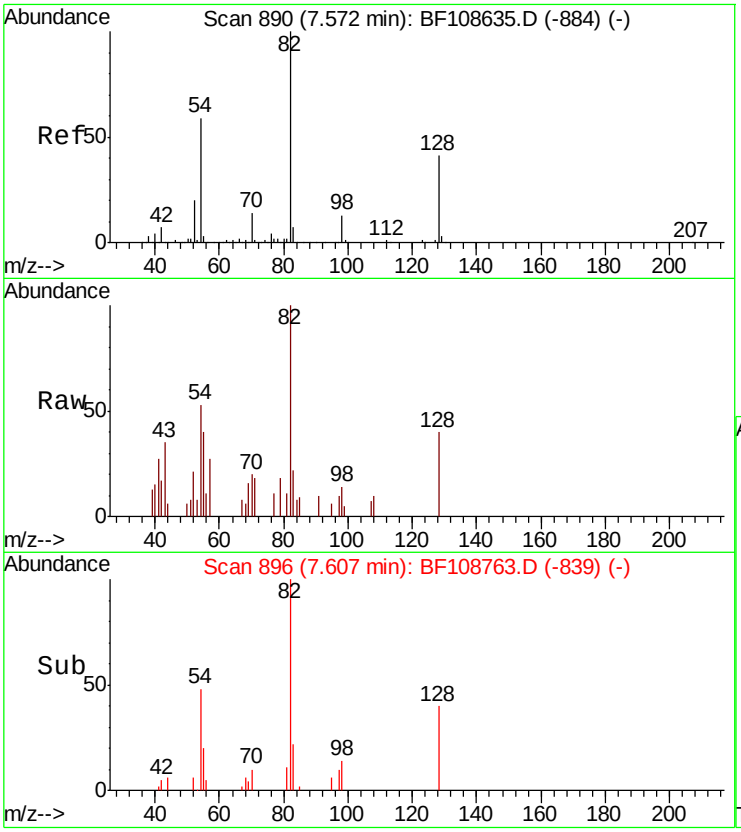


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Tgt Ion:136 Resp: 240070

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.7	6.6	9.8#
68	6.6	5.0	7.4



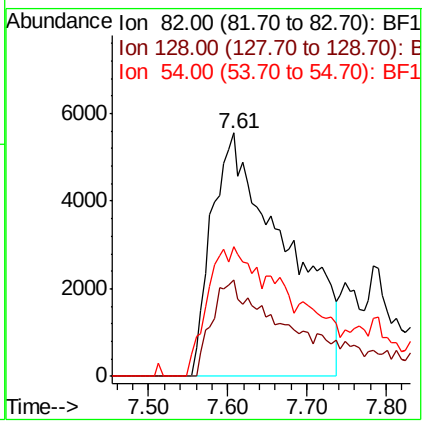


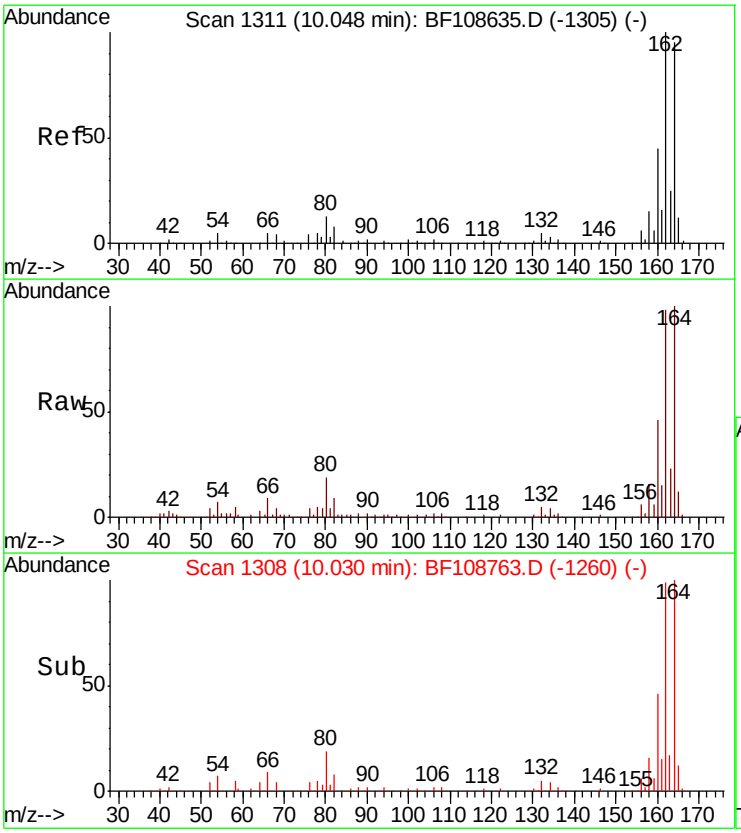
#23
Nitrobenzene-d5
Concen: 7.521 ng
RT: 7.61 min Scan# 896
Delta R.T. 0.04 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 35572

Ion	Ratio	Lower	Upper
82	100		
128	39.8	36.1	54.1
54	53.1	41.4	62.2

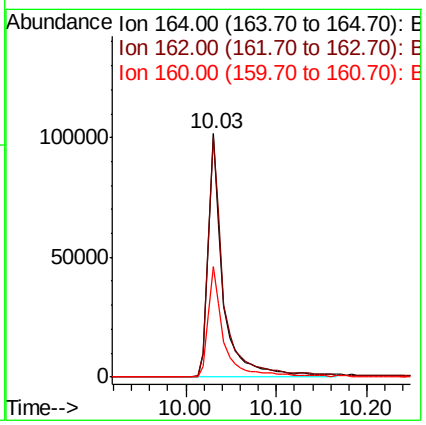


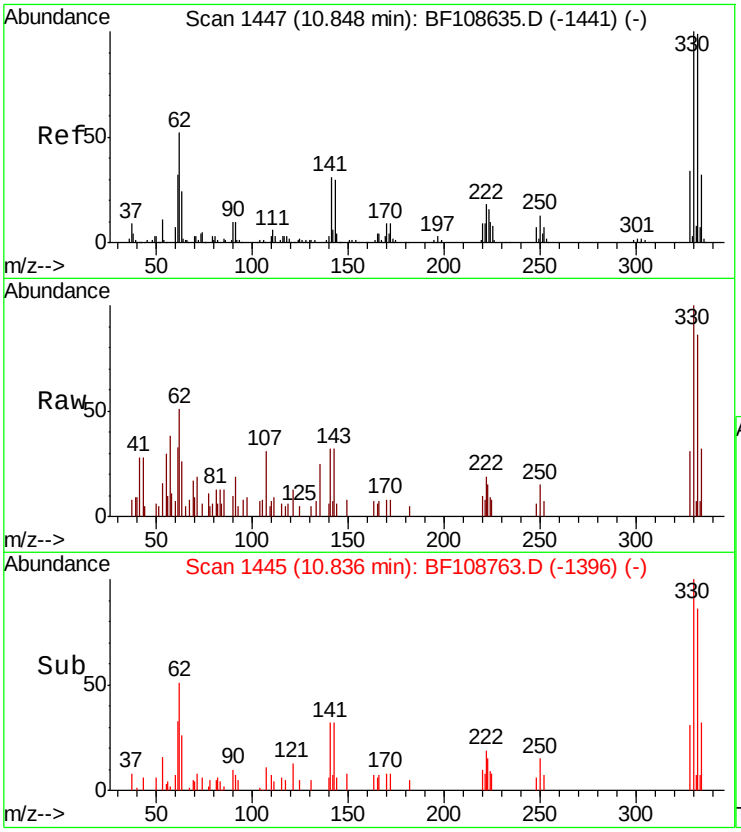


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Tgt Ion:164 Resp: 119885

Ion	Ratio	Lower	Upper
164	100		
162	98.4	86.1	129.1
160	45.6	38.3	57.5



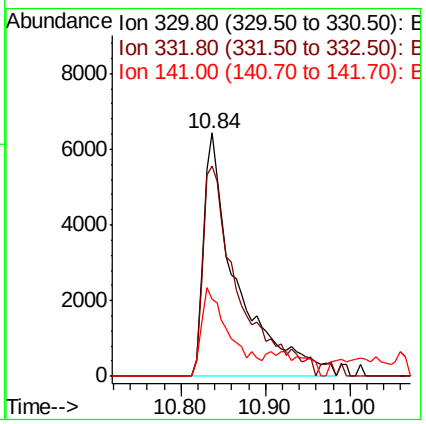


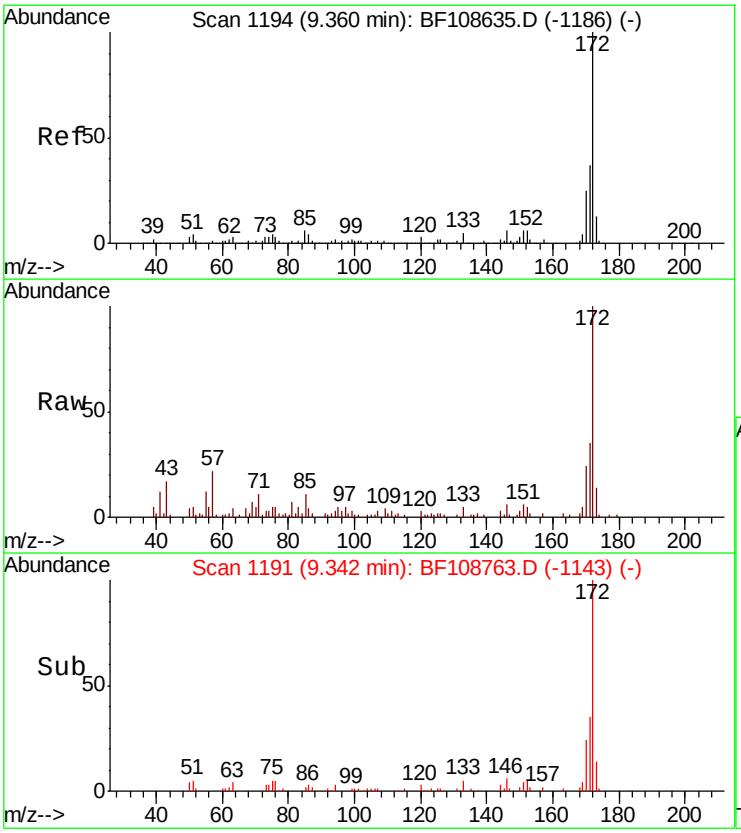
#41
2,4,6-Tribromophenol
Concen: 11.196 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 17719

Ion	Ratio	Lower	Upper
330	100		
332	91.6	77.0	115.6
141	31.1	29.9	44.9

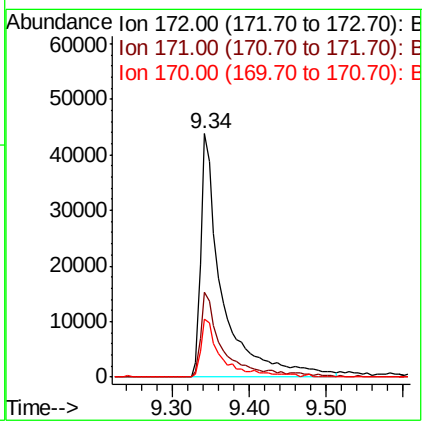


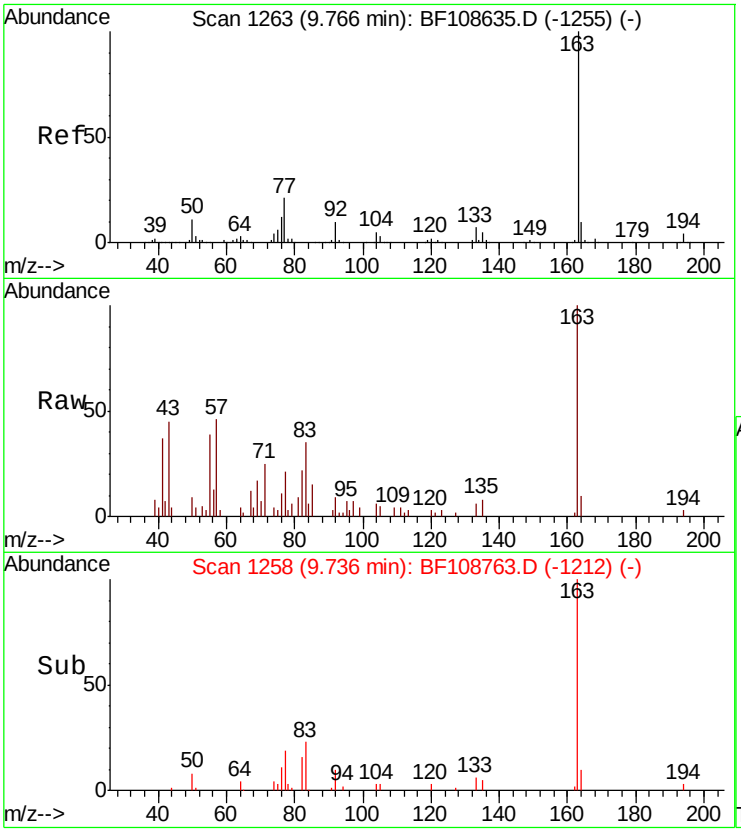


#44
2-Fluorobiphenyl
Concen: 9.521 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Tgt Ion:172 Resp: 84891

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.9	19.6	29.4



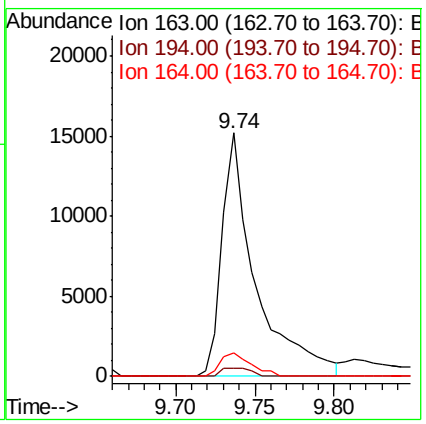


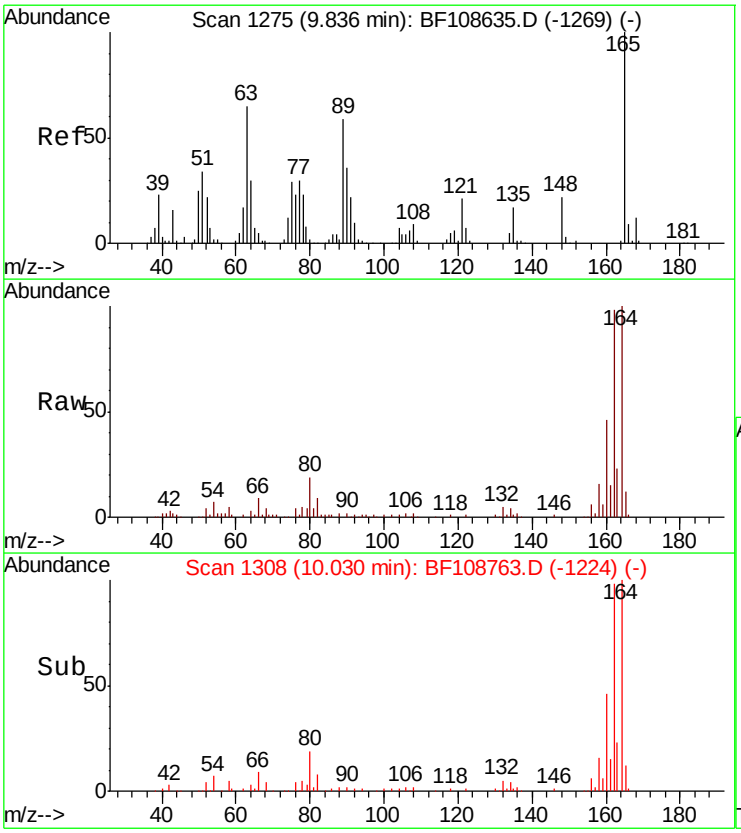
#49
Dimethylphthalate
Concen: 2.371 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 22384

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.7	8.2	12.2

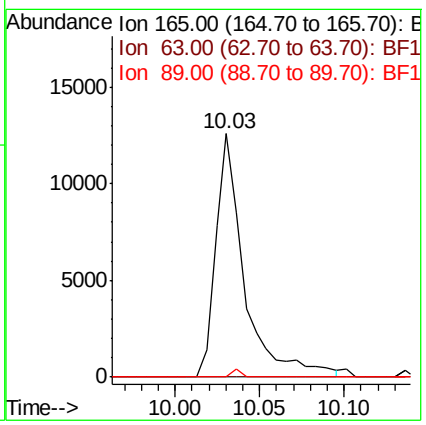


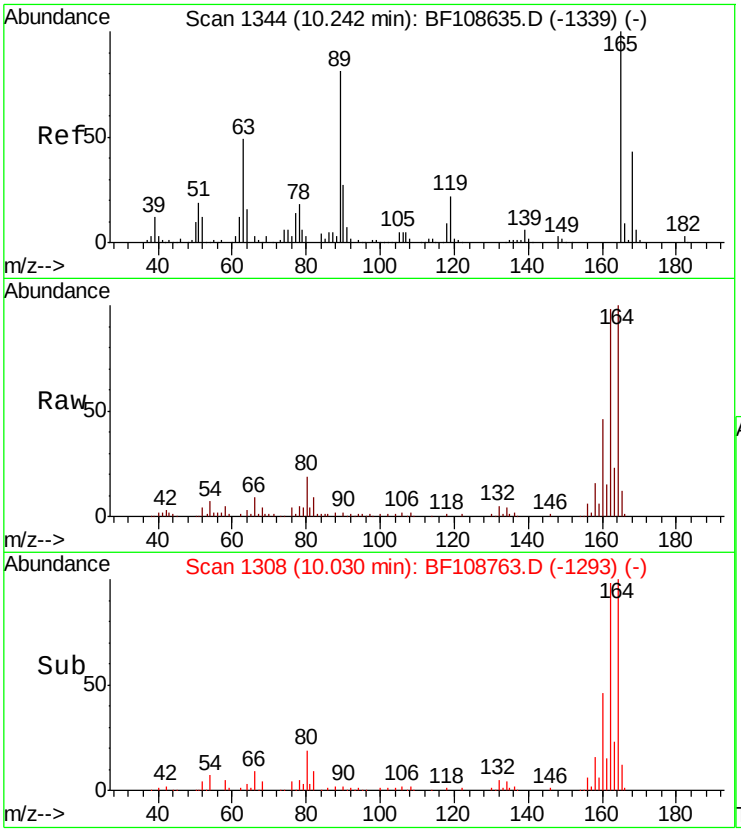


#50
2,6-Dinitrotoluene
Concen: 7.159 ng
RT: 10.03 min Scan# 1308
Delta R.T. 0.19 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Tgt Ion:165 Resp: 14898

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



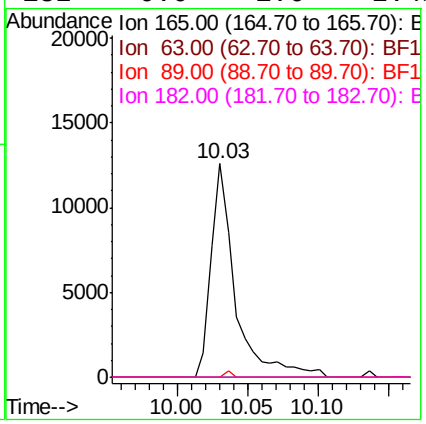


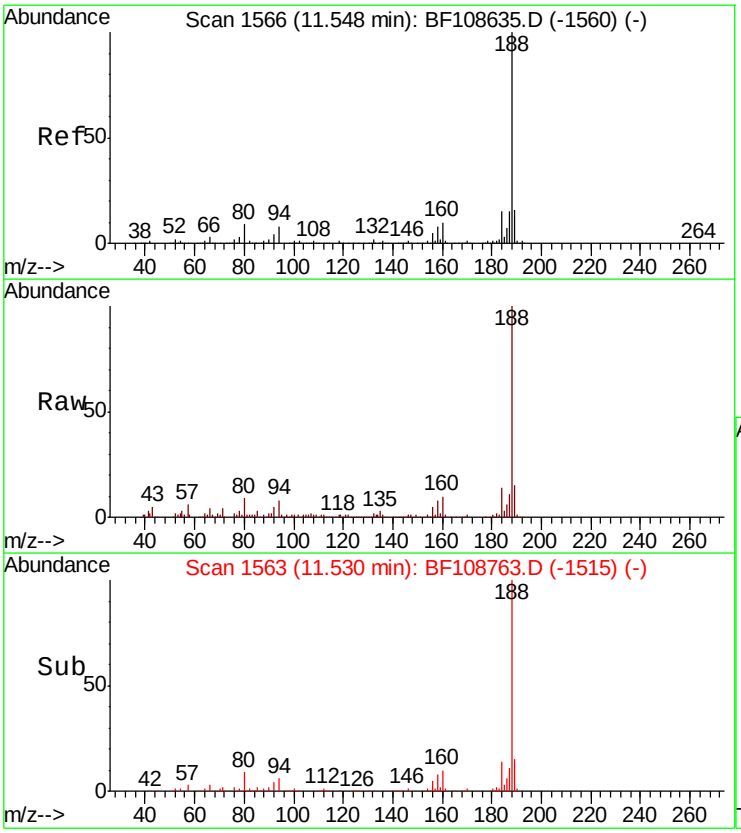
#56
2,4-Dinitrotoluene
Concen: 5.462 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.21 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15049

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#

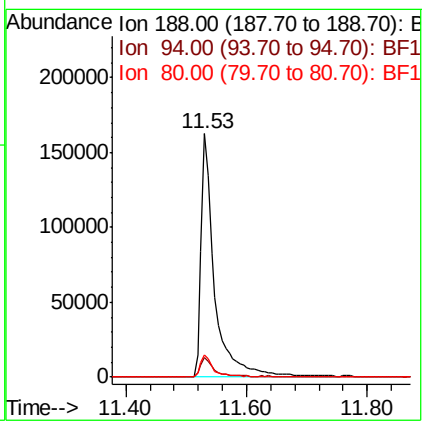


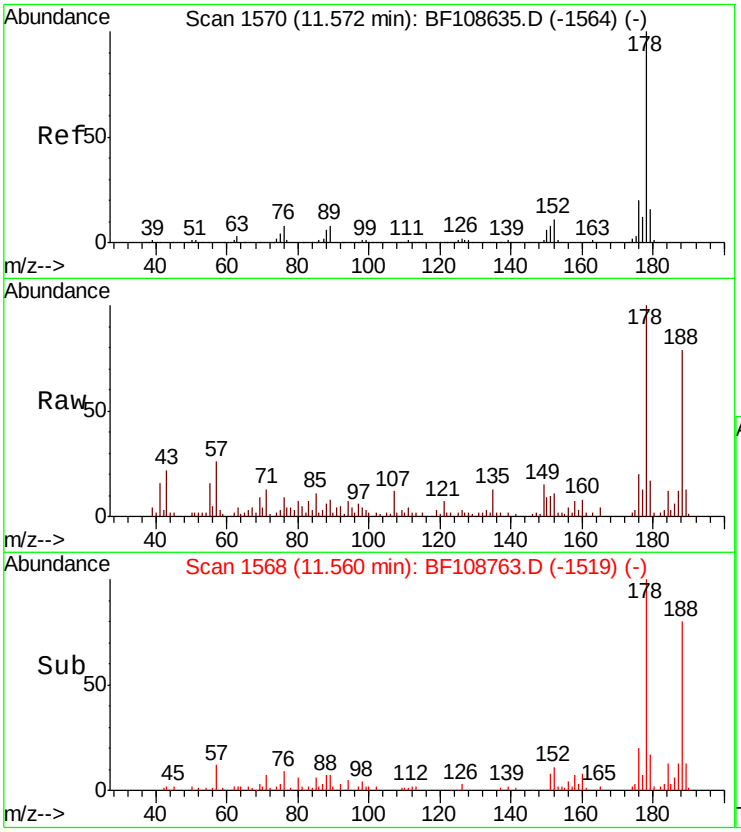


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Tgt Ion:188 Resp: 255857

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	9.0	9.2	13.8#



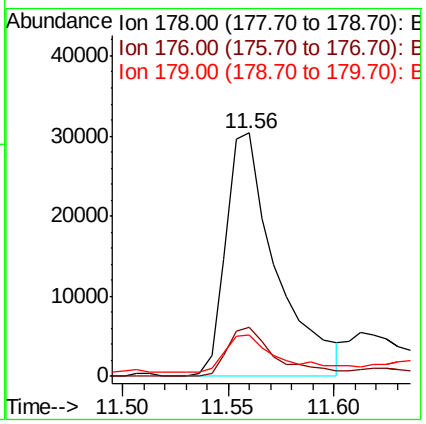


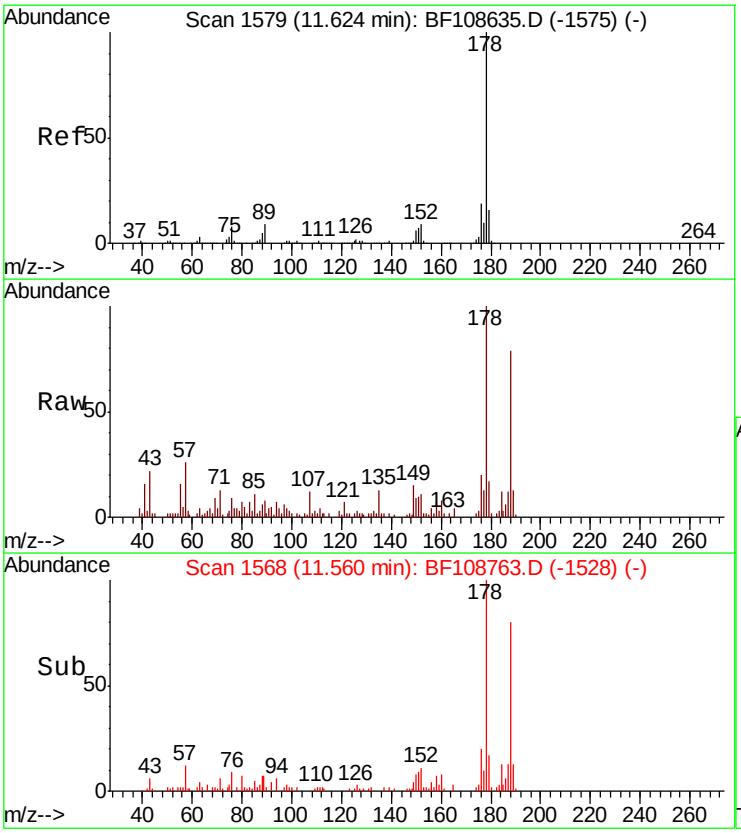
#70
Phenanthrene
Concen: 3.895 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 50298

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	17.2	13.0	19.6

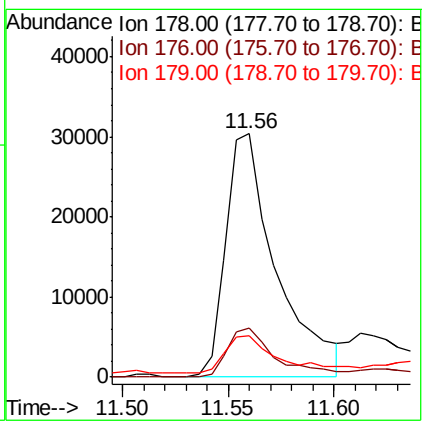


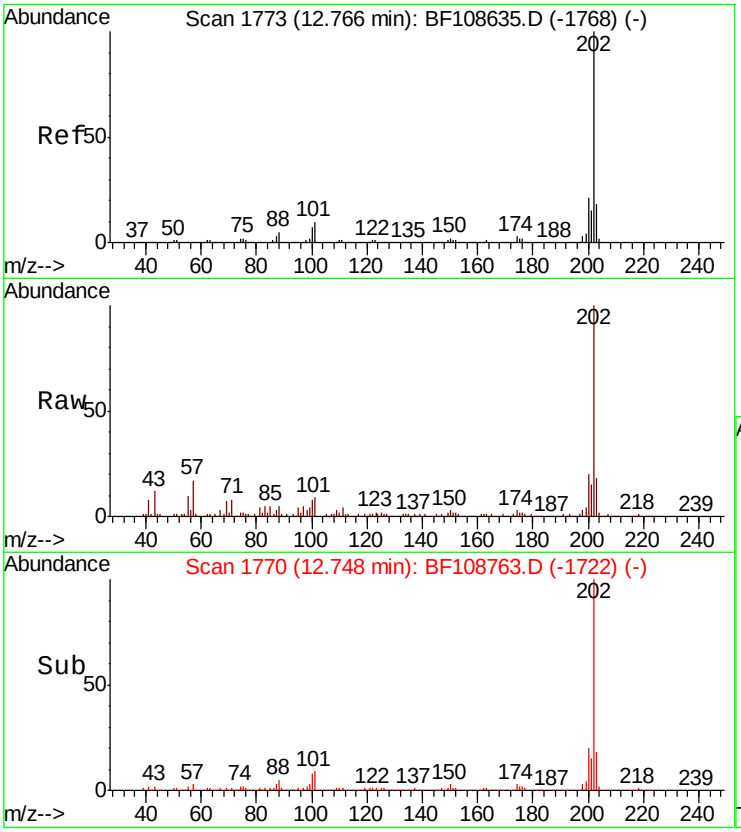


#71
Anthracene
Concen: 3.707 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.06 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Tgt Ion:178 Resp: 50298

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	17.2	12.6	19.0



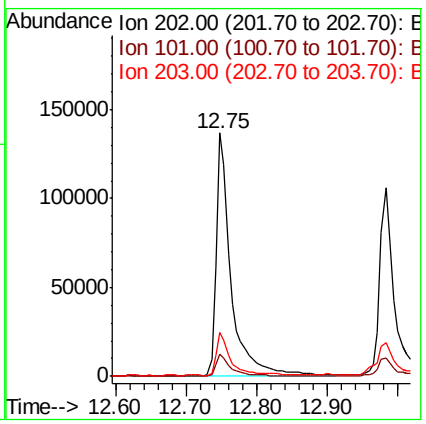


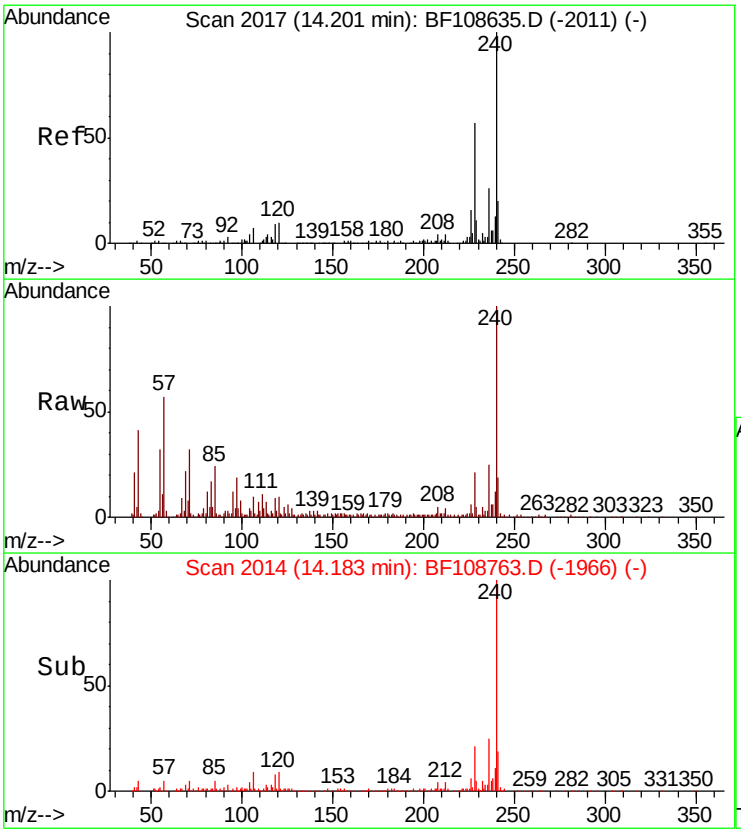
#74
Fluoranthene
Concen: 13.681 ng
RT: 12.75 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 198883

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	34.1
203	17.9	0.0	38.1

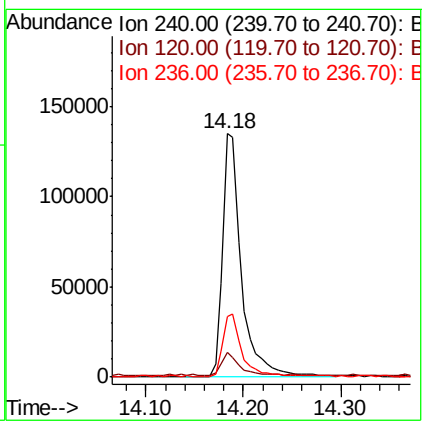


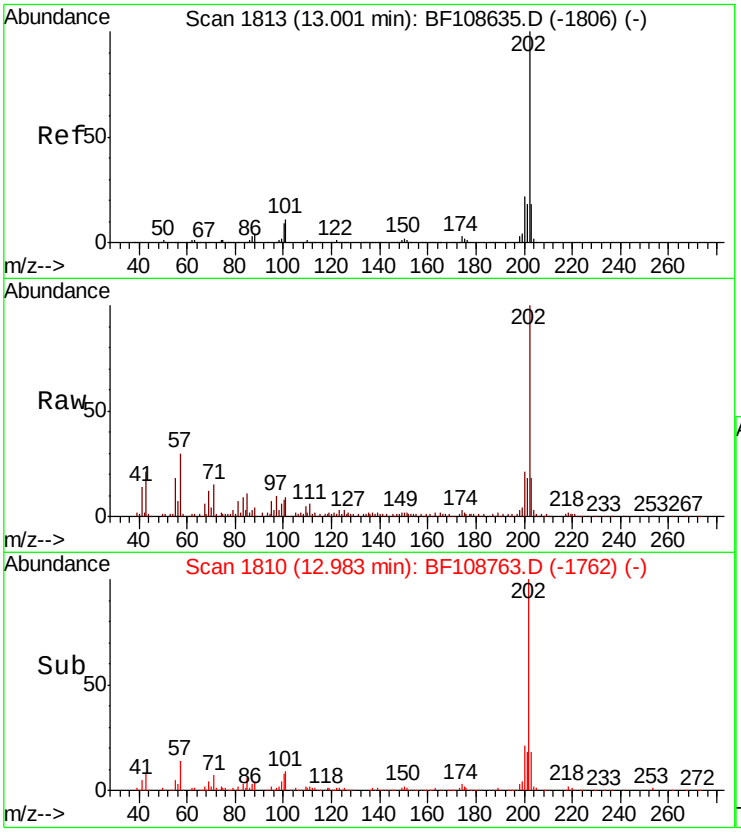


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Tgt Ion:240 Resp: 182386

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.0	20.7	31.1



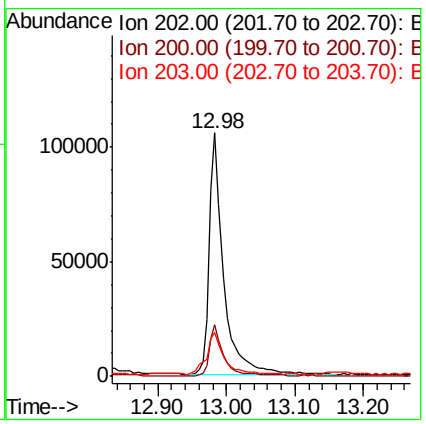


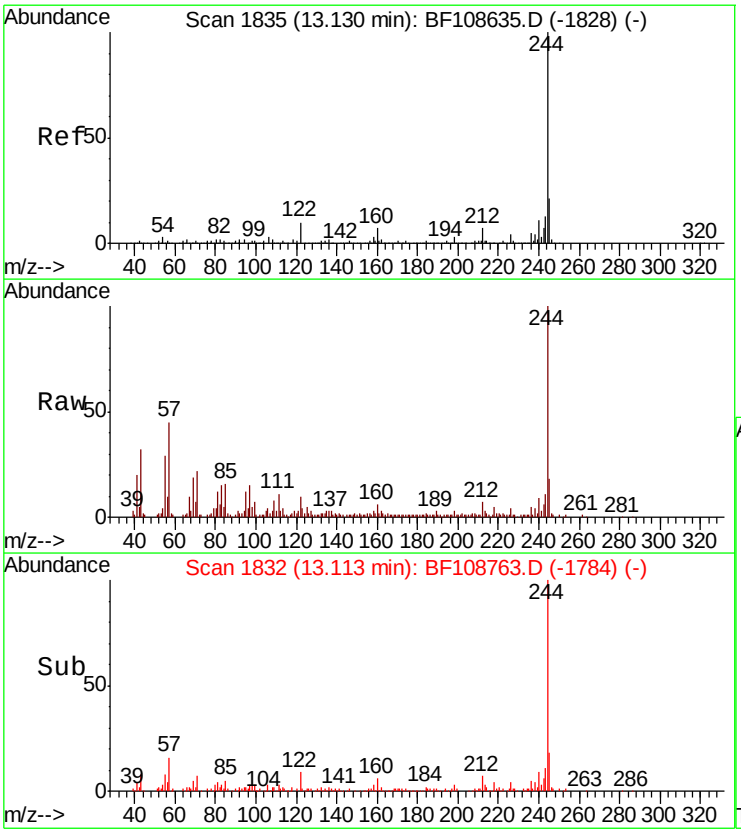
#77
Pyrene
Concen: 11.349 ng
RT: 12.98 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 155595

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.1	14.3	21.5

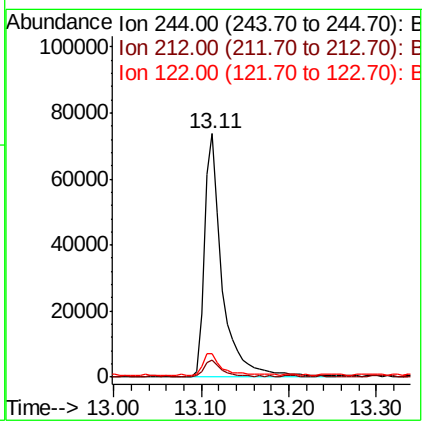


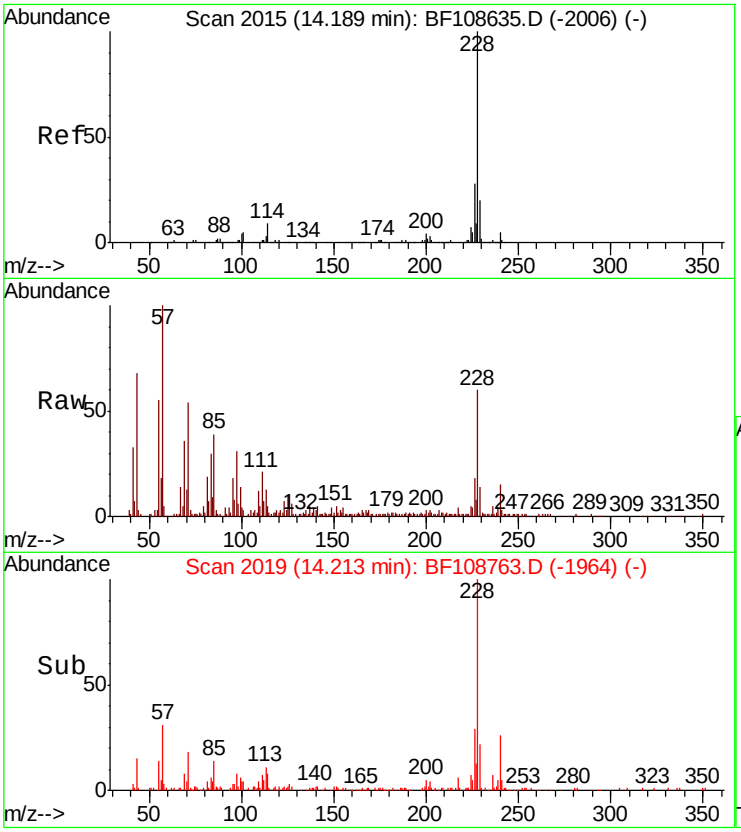


#78
Terphenyl-d14
Concen: 11.110 ng
RT: 13.11 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Tgt Ion:244 Resp: 104289

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.6	11.0	16.4#



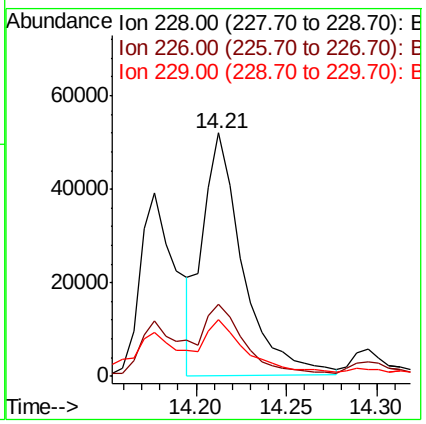


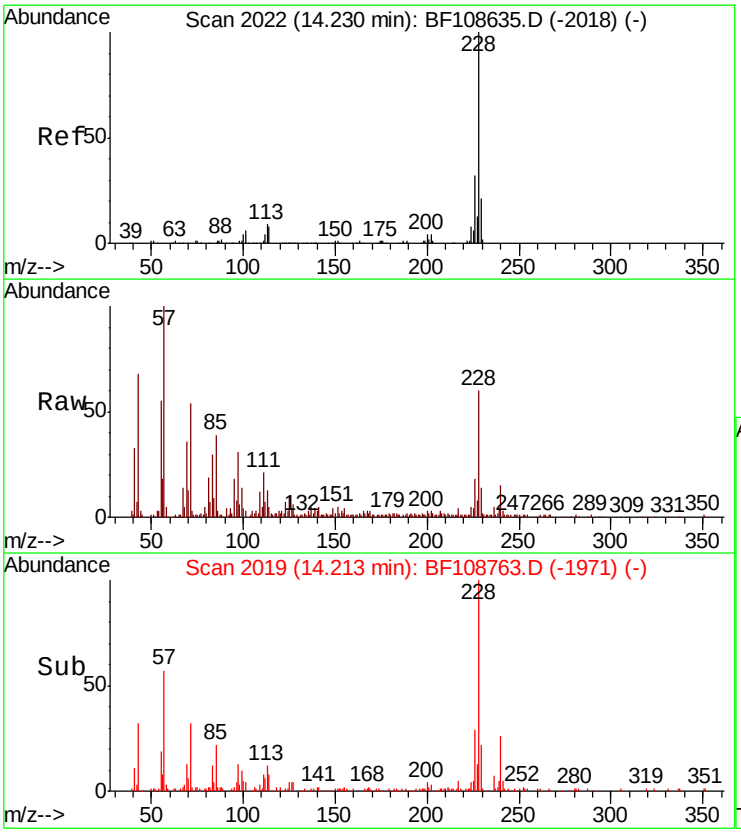
#80
Benzo(a)anthracene
Concen: 7.136 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.02 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 79343

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	23.2	15.8	23.6

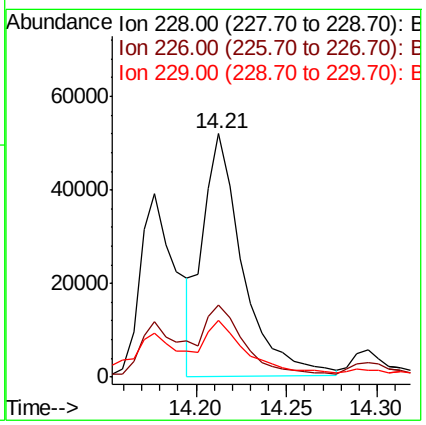


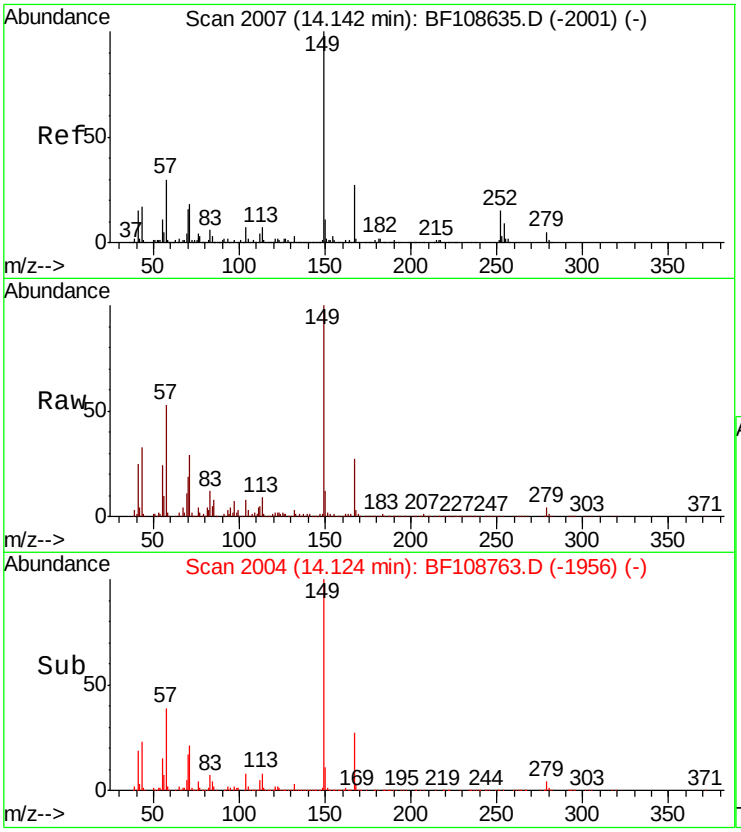


#82
Chrysene
Concen: 7.420 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Tgt Ion:228 Resp: 79343

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	23.2	16.2	24.4



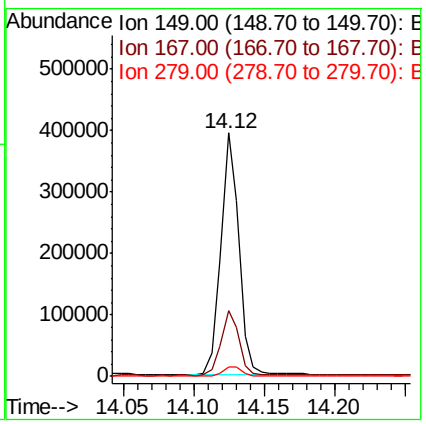


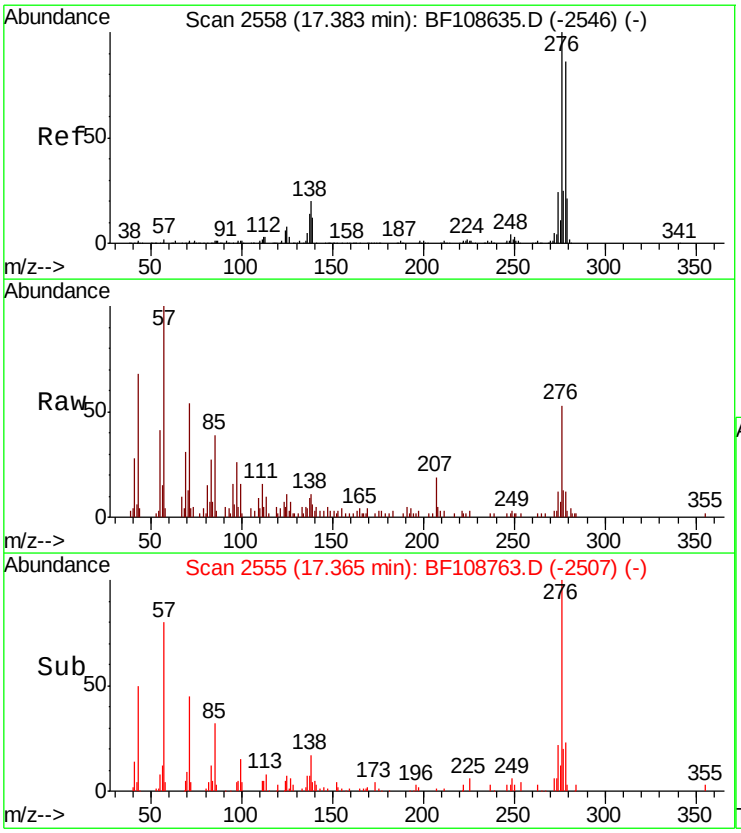
#83
Bis(2-ethylhexyl)phthalate
Concen: 47.213 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 349865

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	4.0	3.0	4.4

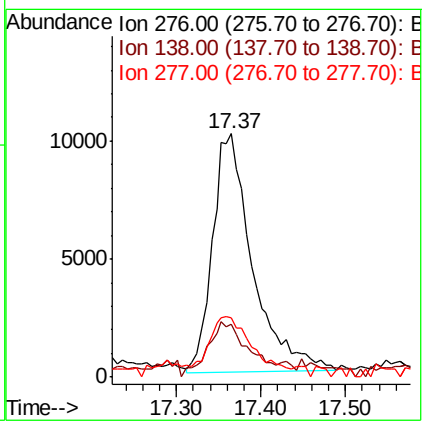


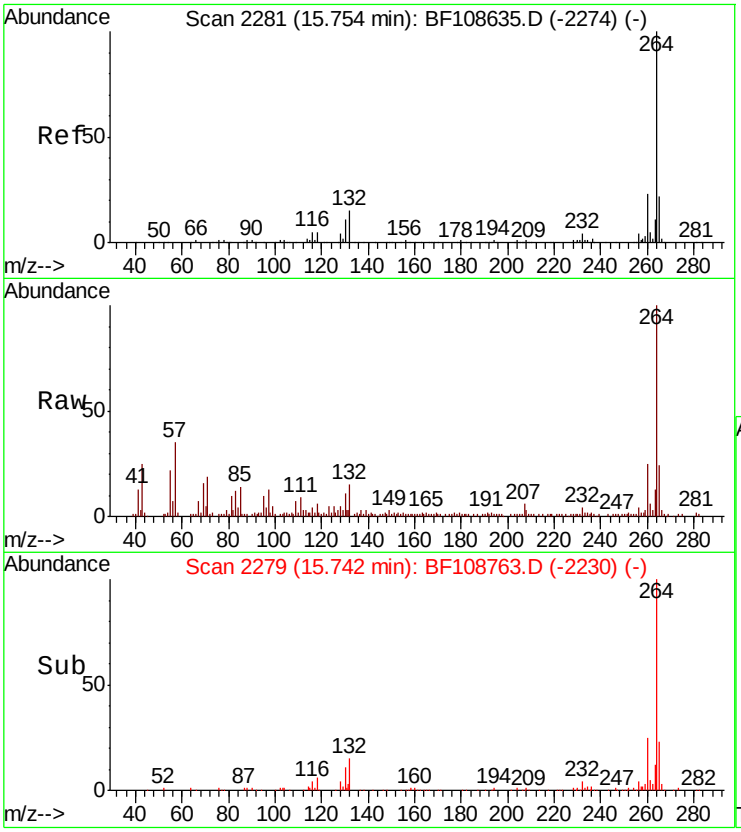


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.470 ng
RT: 17.37 min Scan# 2555
Delta R.T. -0.02 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Tgt Ion:276 Resp: 33236

Ion	Ratio	Lower	Upper
276	100		
138	23.8	25.0	37.6#
277	23.9	20.1	30.1



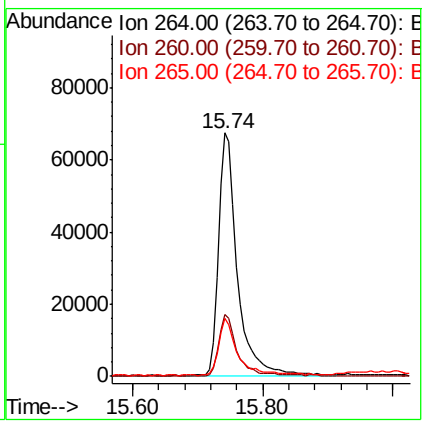


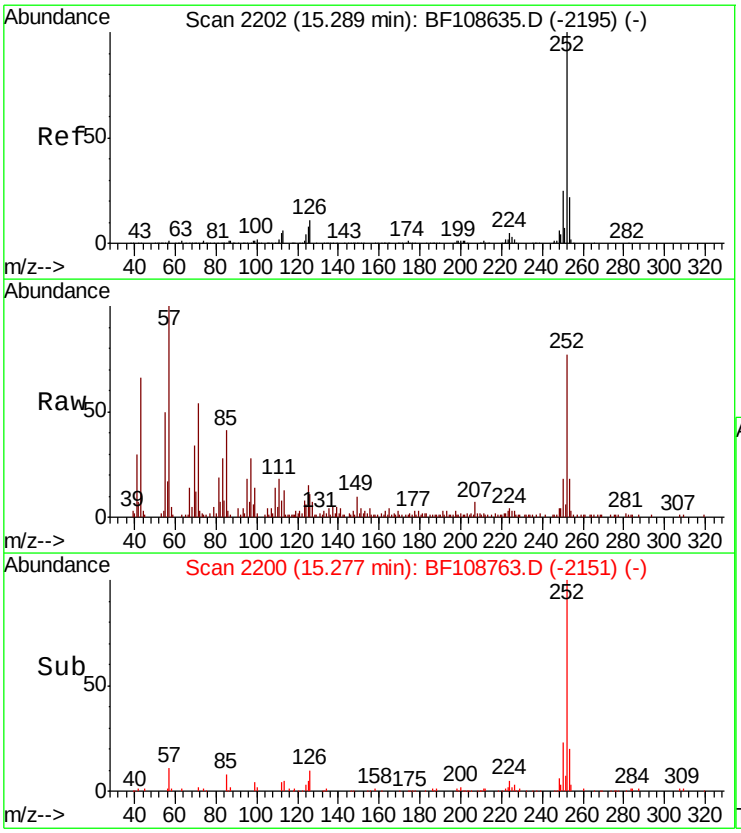
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 136396

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	23.8	17.5	26.3

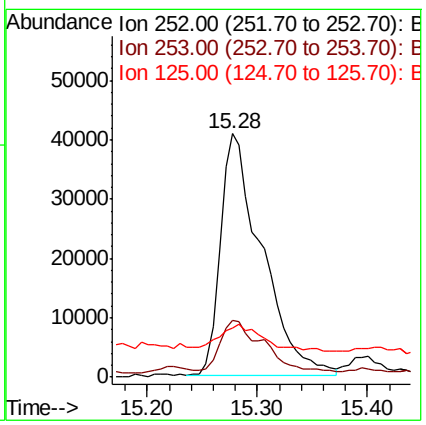


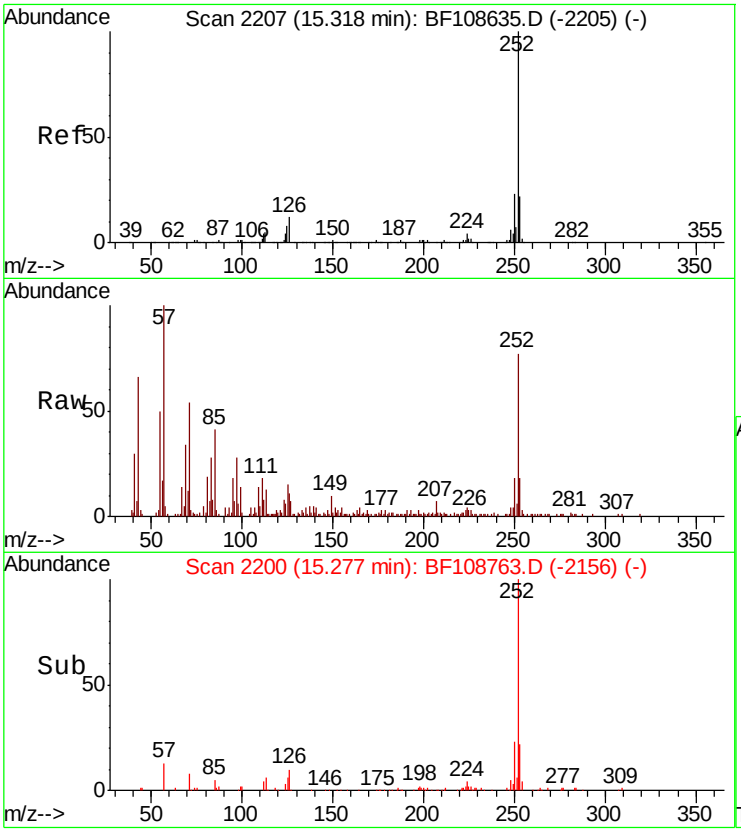


#87
Benzo(b)fluoranthene
Concen: 12.698 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Tgt Ion:252 Resp: 106390

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	19.9	9.0	13.6#



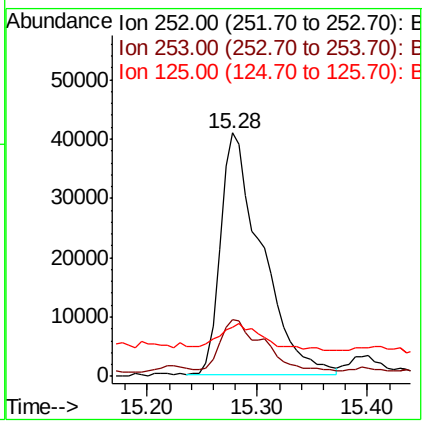


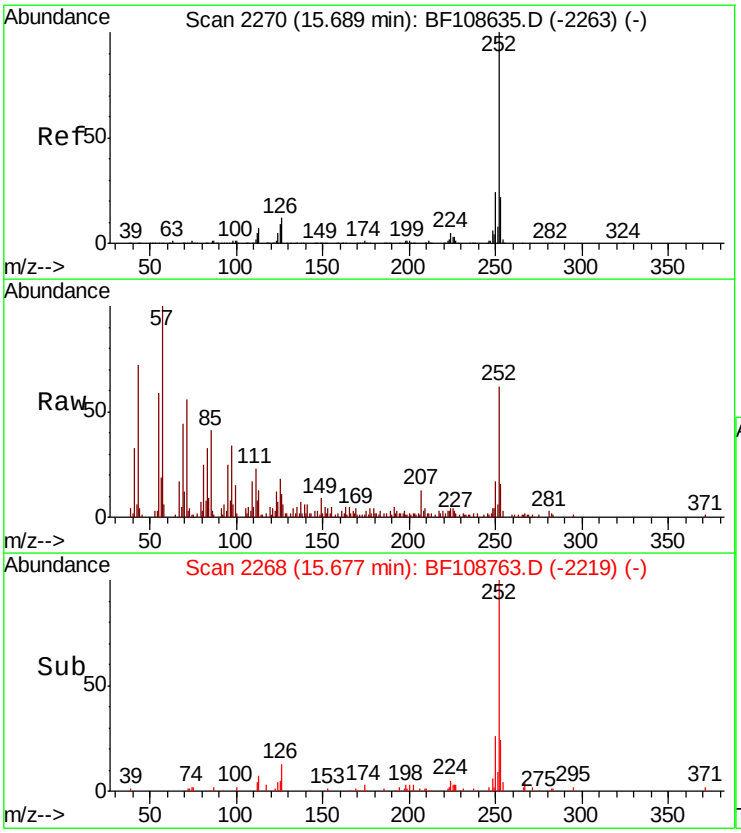
#88
Benzo(k)fluoranthene
Concen: 12.818 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 106390

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	19.9	10.2	15.2#

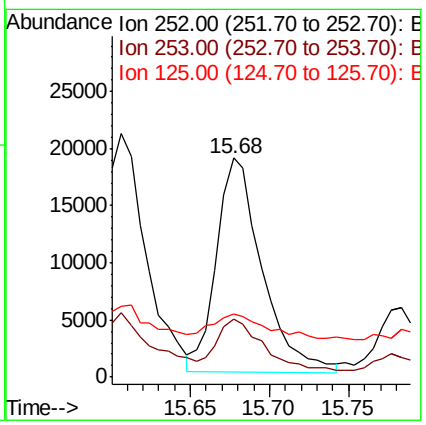


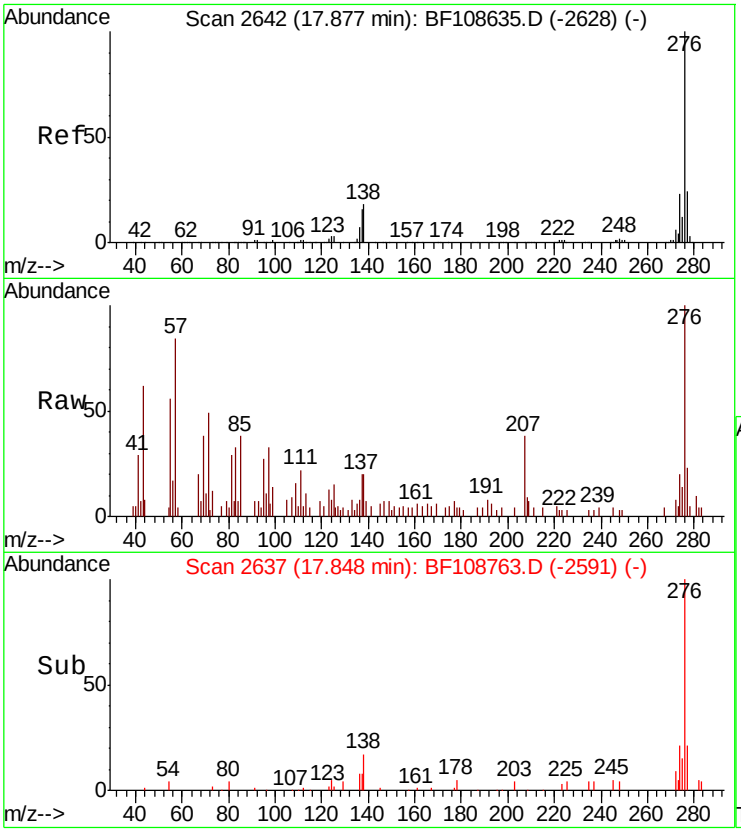


#89
Benzo(a)pyrene
Concen: 4.942 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Tgt Ion:252 Resp: 37421

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.1	25.7#
125	28.6	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 6.002 ng
RT: 17.85 min Scan# 2637
Delta R.T. -0.03 min
Lab File: BF108763.D
Acq: 5 Sep 2018 3:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 35275

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	20.4	21.8	32.8#