Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109251.D
Acq On : 23 Sep 2018 5:33
Operator : JU/SJ
Sample : J5017-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 24 06:54:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	115719	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	412259	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	163750	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	243007	20.00	ng	0.00
75) Chrysene-d12	13.85	240	185702	20.00	ng	0.00
86) Perylene-d12	15.26	264	166288	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	750259	106.79	ng	0.00
7) Phenol-d6	6.35	99	971299	108.34	ng	-0.01
23) Nitrobenzene-d5	7.27	82	605181	86.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	169207	104.82	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1010233	93.05	ng	0.00
78) Terphenyl-d14	12.81	244	616240	81.44	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	89655	15.262	ng	# 79
32) Benzoic acid	7.79	122	980	7.023	ng	# 35
49) Dimethylphthalate	9.46	163	273197	22.938	ng	# 98
53) 2,4-Dinitrophenol	9.96	184	836	9.395	ng	# 1
55) 4-Nitrophenol	9.85	139	5417	2.632	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.36	198	661	7.107	ng	# 1
65) n-Nitrosodiphenylamine	10.40	169	44141	5.498	ng	# 39
70) Phenanthrene	11.24	178	114999	9.478	ng	# 95
71) Anthracene	11.29	178	27268	2.216	ng	# 62
74) Fluoranthene	12.44	202	83012	6.402	ng	91
77) Pyrene	12.66	202	74646	5.609	ng	# 92
80) Benzo(a)anthracene	13.84	228	35302	3.156	ng	# 78
82) Chrysene	13.87	228	43711	3.943	ng	# 75
87) Benzo(b)fluoranthene	14.86	252	40341	4.415	ng	# 15
88) Benzo(k)fluoranthene	14.86	252	40341	4.653	ng	# 18
89) Benzo(a)pyrene	15.20	252	19917	2.419	ng	# 12

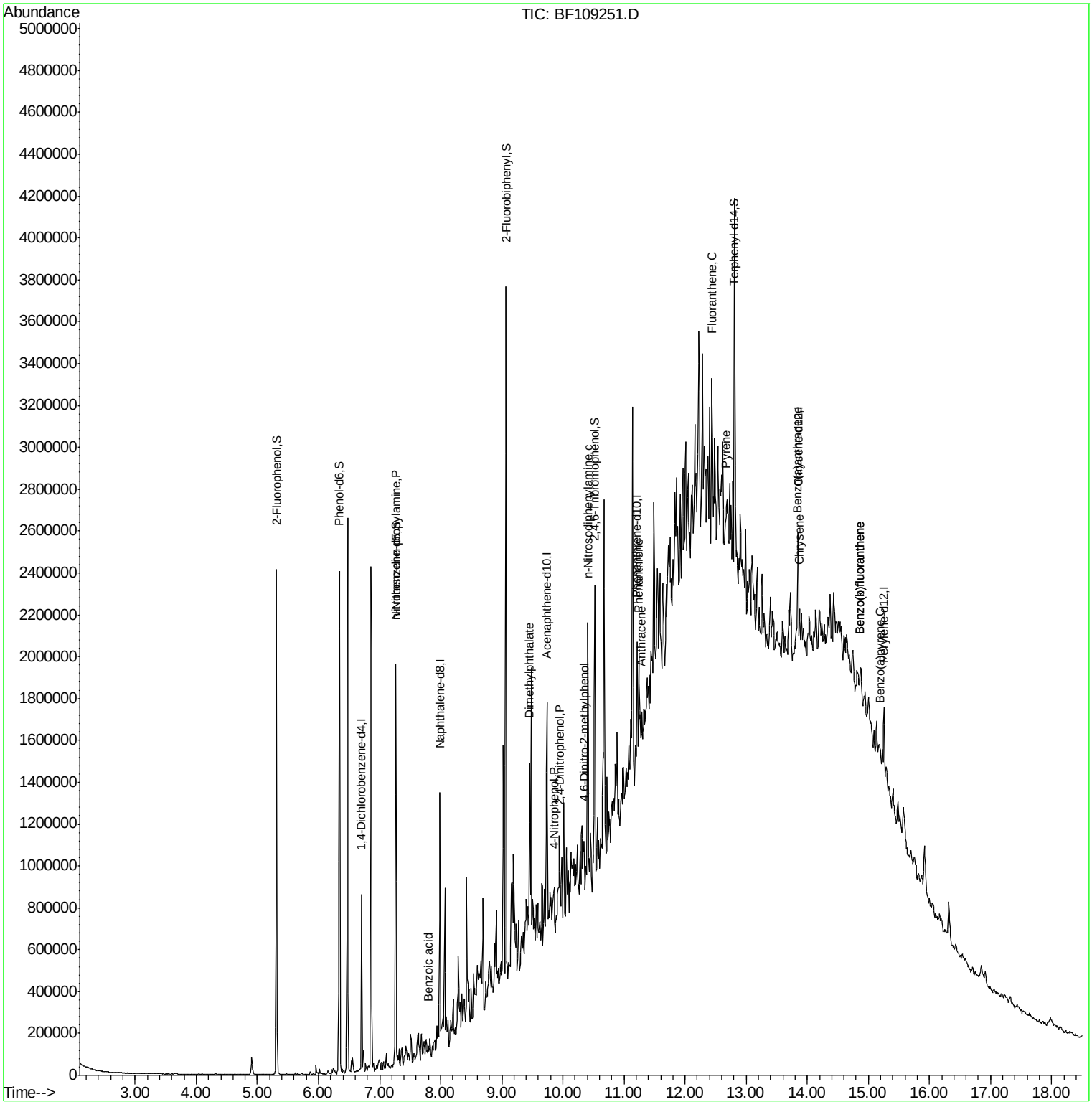
(#) = qualifier out of range (m) = manual integration (+) = signals summed

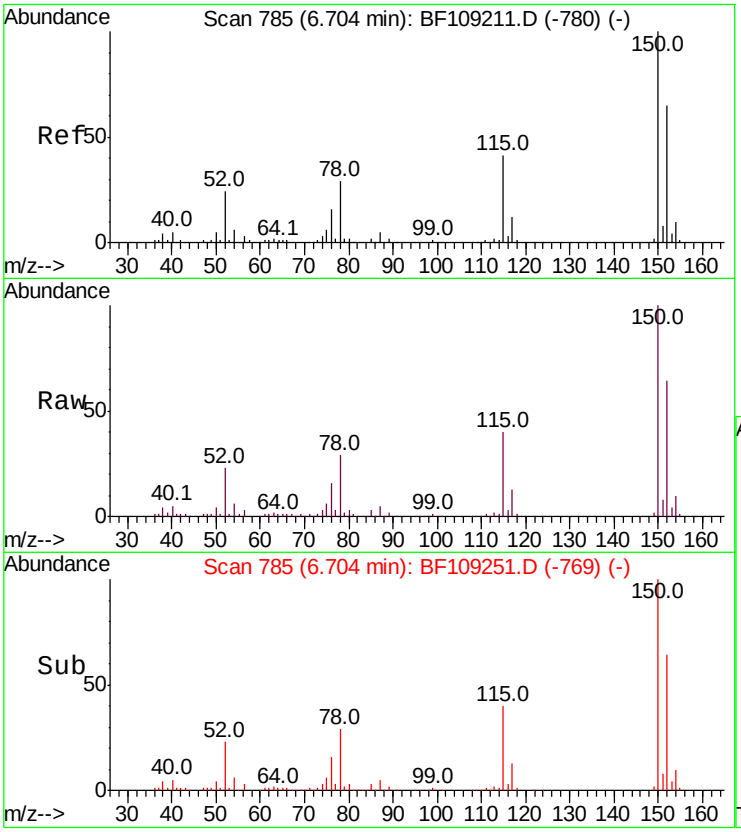
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109251.D
Acq On : 23 Sep 2018 5:33
Operator : JU/SJ
Sample : J5017-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 24 06:54:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



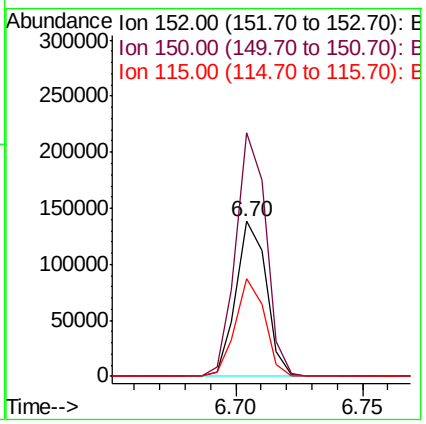


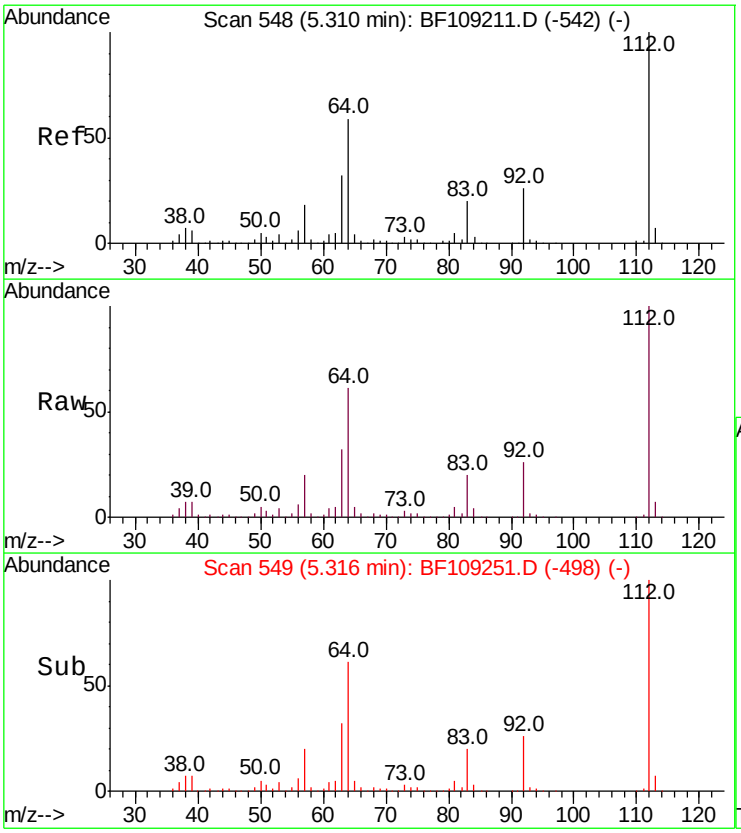
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 115719

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	63.3	50.1	75.1

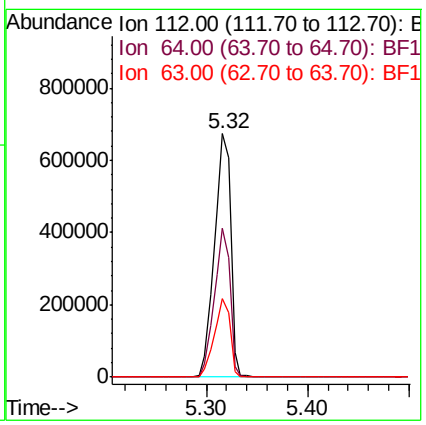


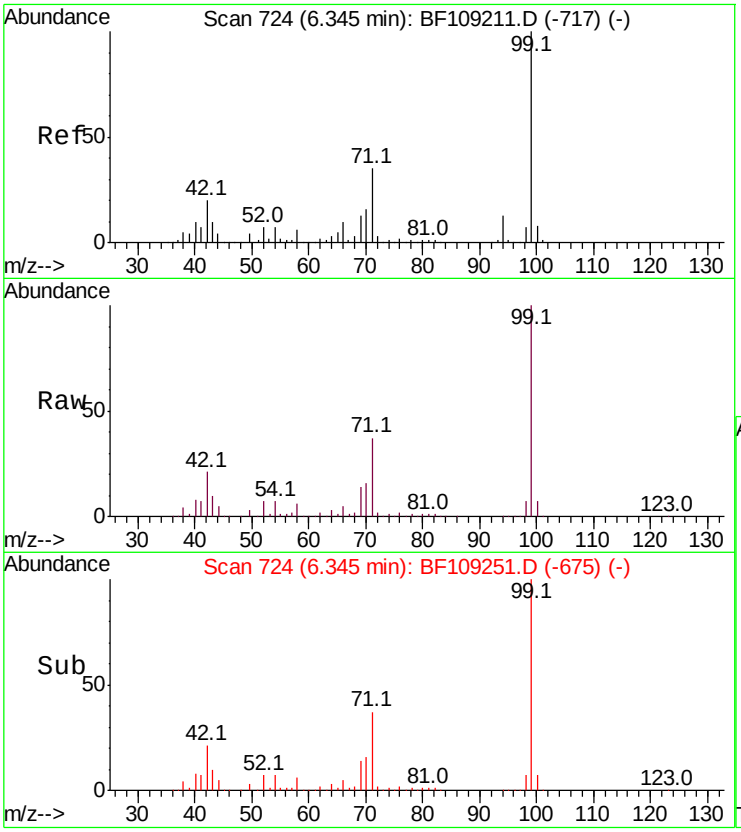


#5
2-Fluorophenol
Concen: 106.788 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion:112 Resp: 750259

Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	32.2	23.7	35.5



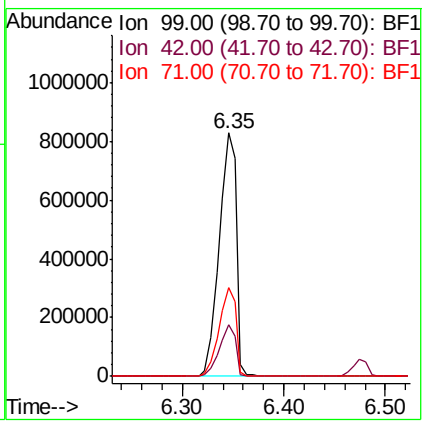


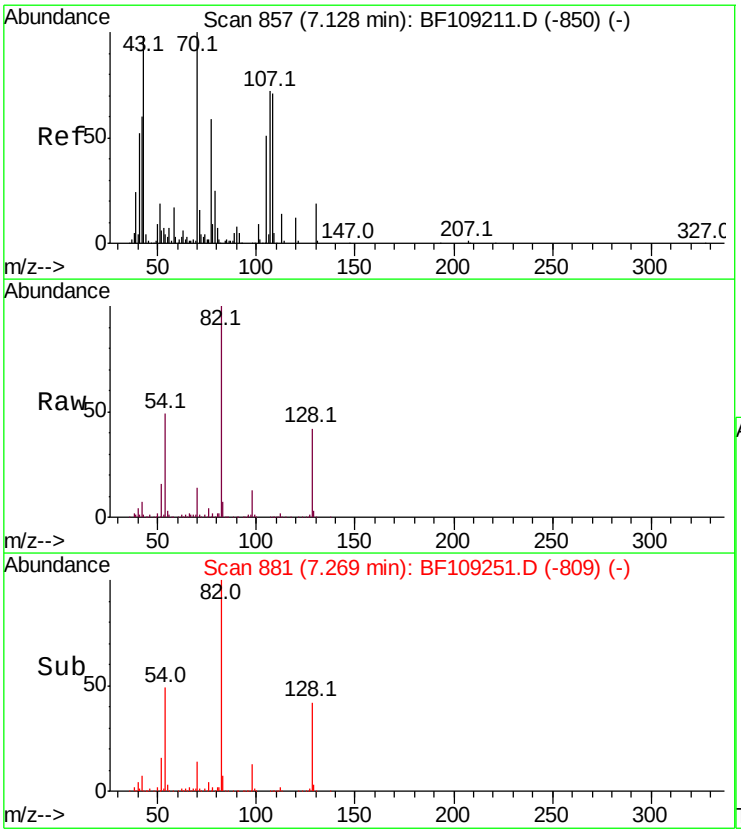
#7
Phenol-d6
Concen: 108.343 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 971299

Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.5	21.7
71	36.7	25.4	38.0

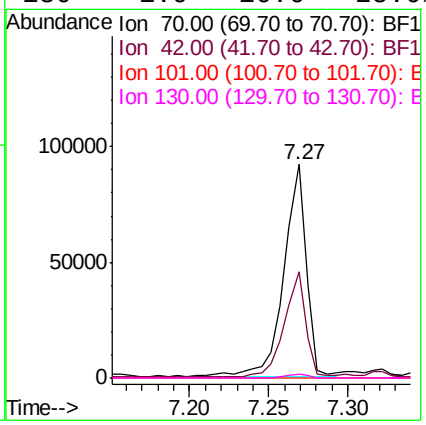


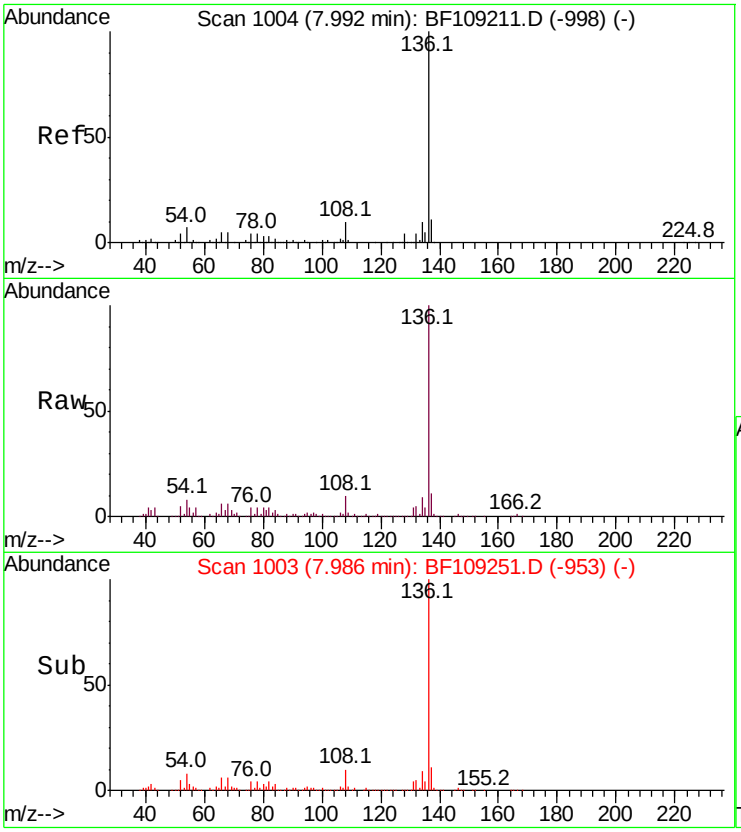


#19
n-Nitroso-di-n-propylamine
Concen: 15.262 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion: 70 Resp: 89655

Ion	Ratio	Lower	Upper
70	100		
42	49.8	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



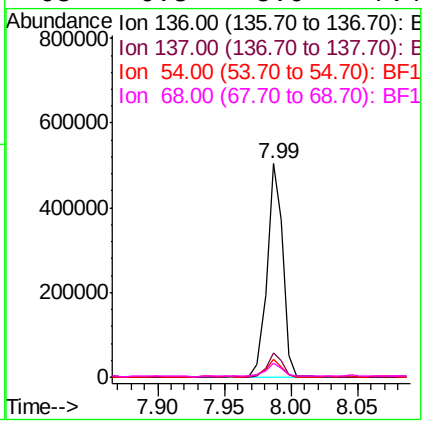


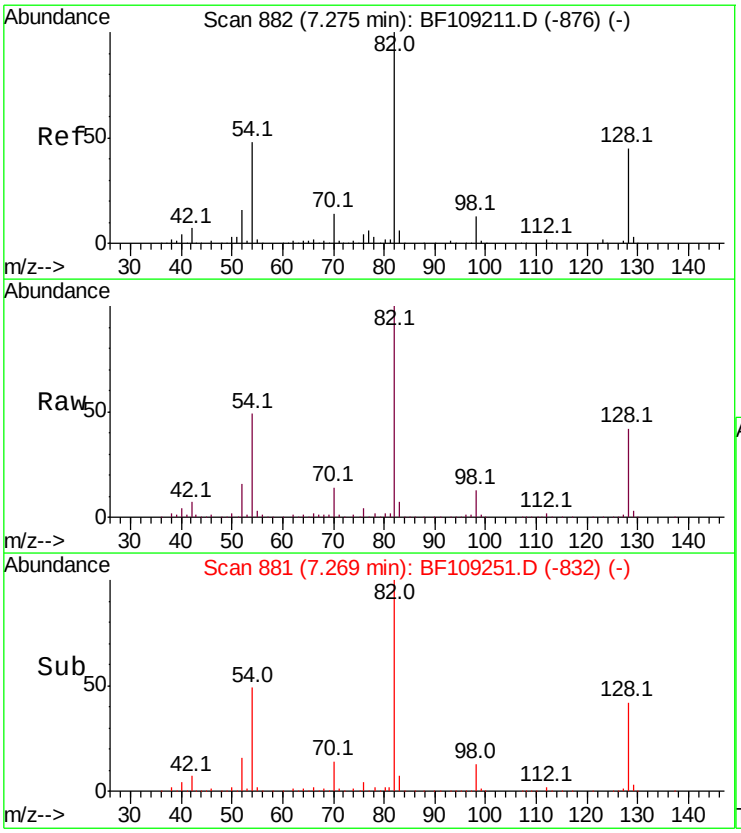
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 412259

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.2	6.6	9.8
68	6.3	5.0	7.4

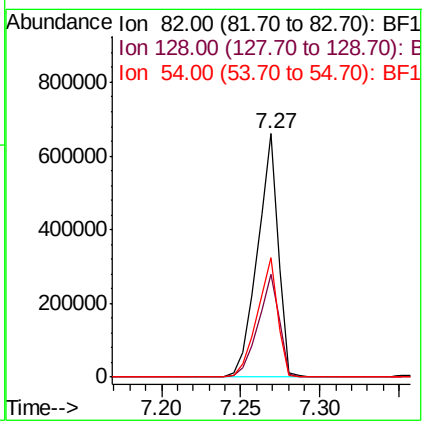


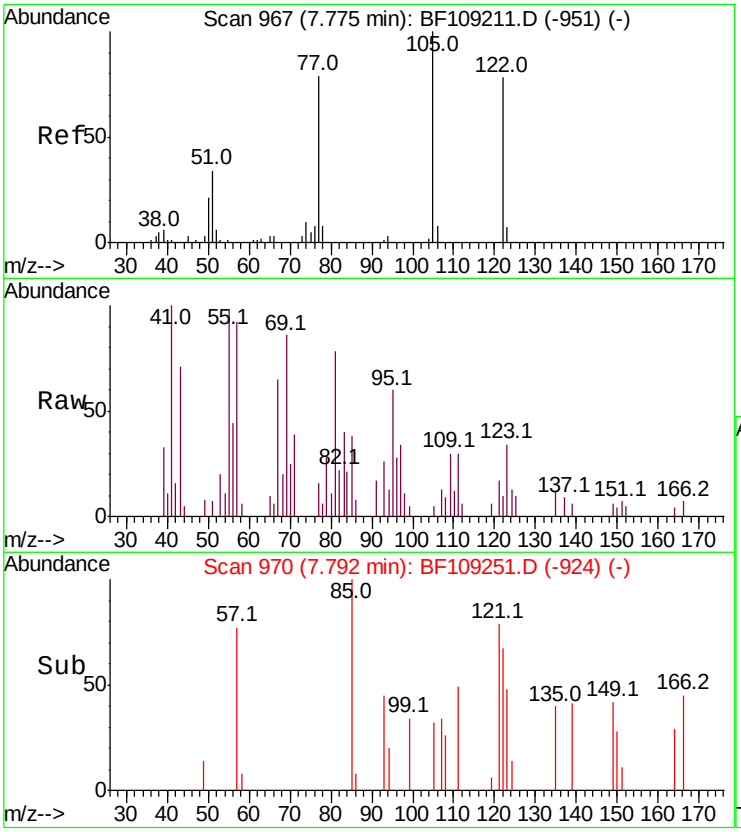


#23
Nitrobenzene-d5
Concen: 86.656 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion: 82 Resp: 605181

Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	49.2	41.4	62.2



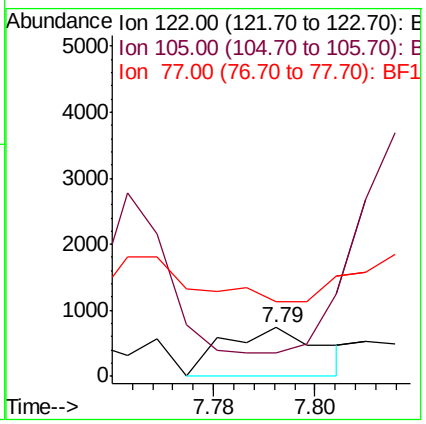


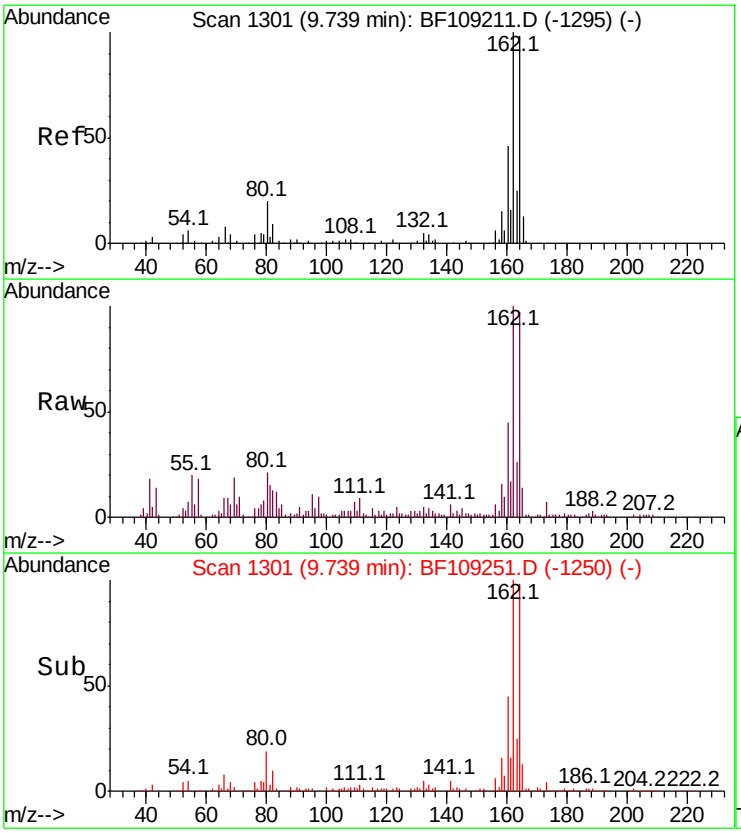
#32
Benzoic acid
Concen: 7.023 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.03 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 980

Ion	Ratio	Lower	Upper
122	100		
105	47.7	101.1	141.1#
77	152.0	70.7	110.7#

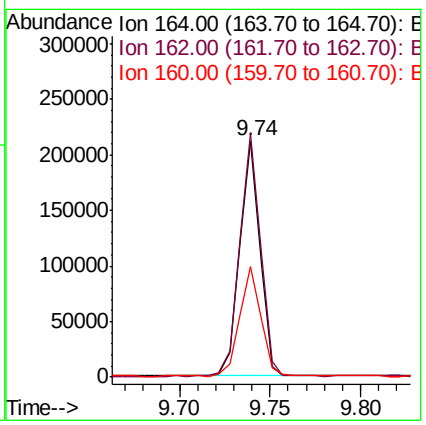


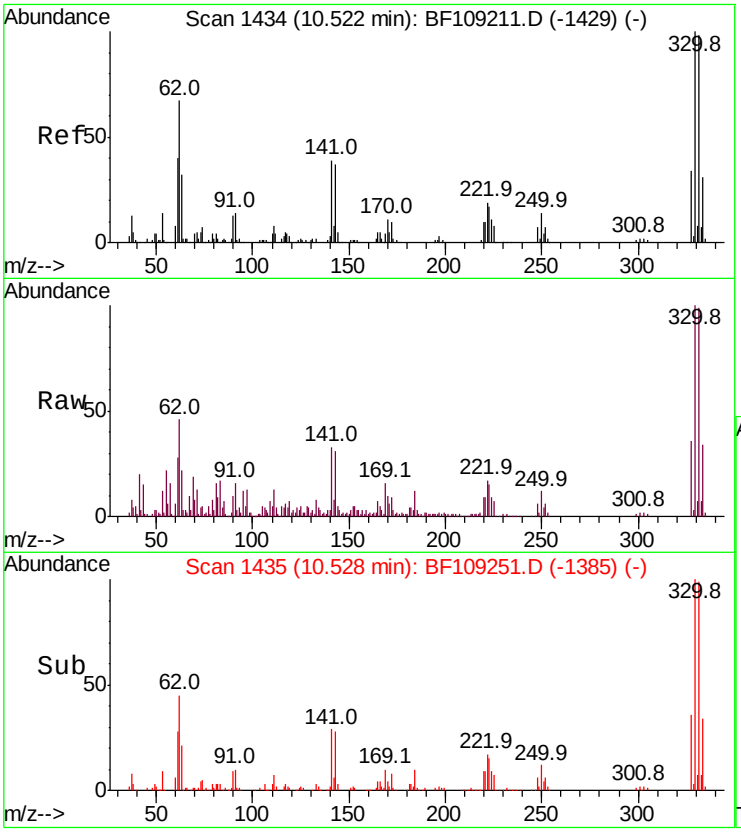


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion:164 Resp: 163750

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.7	38.3	57.5



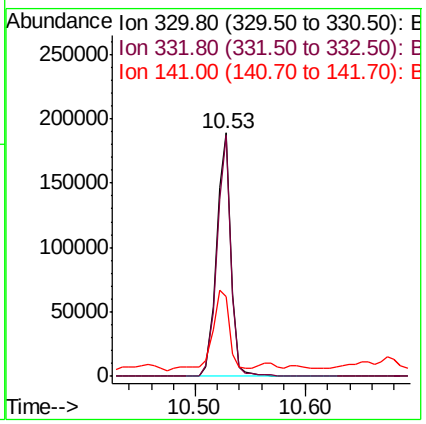


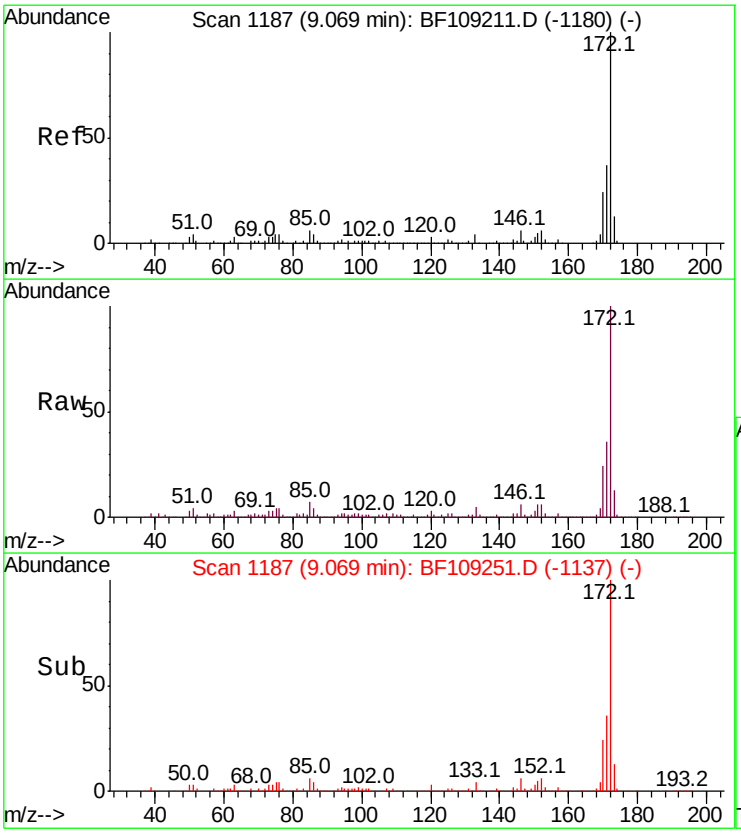
#41
2,4,6-Tribromophenol
Concen: 104.822 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 169207

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	38.9	29.9	44.9

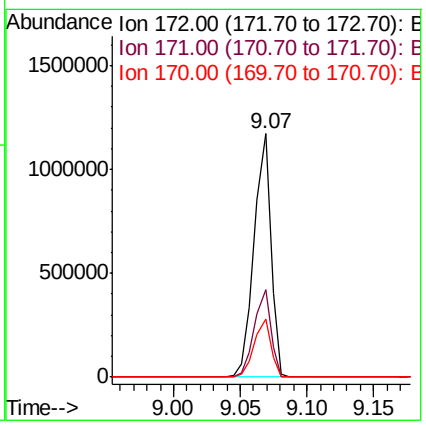


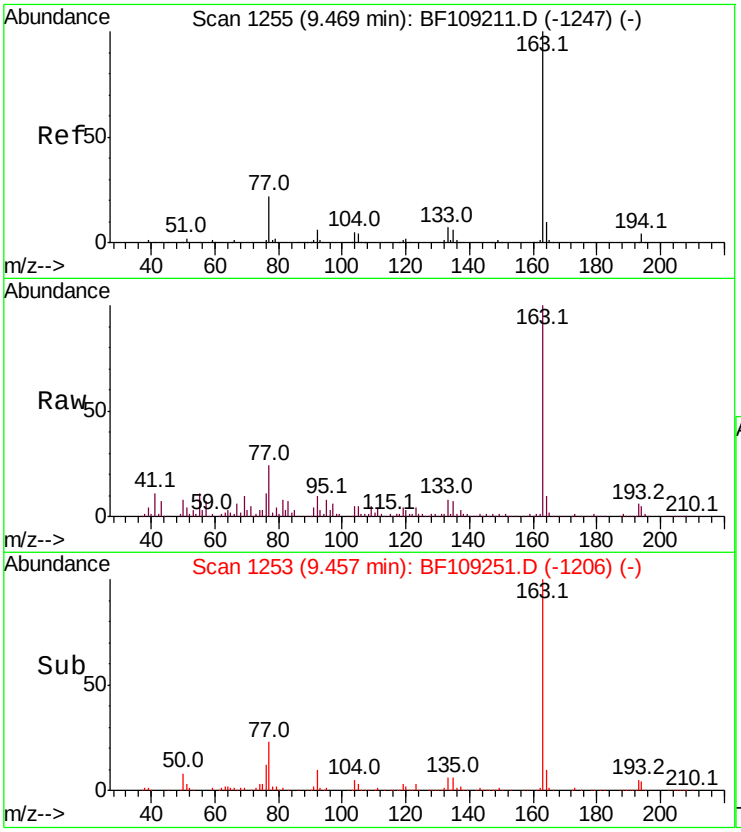


#44
2-Fluorobiphenyl
Concen: 93.046 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion:172 Resp: 1010233

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.0	19.6	29.4

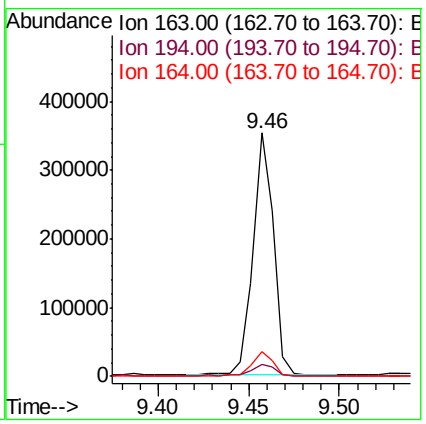




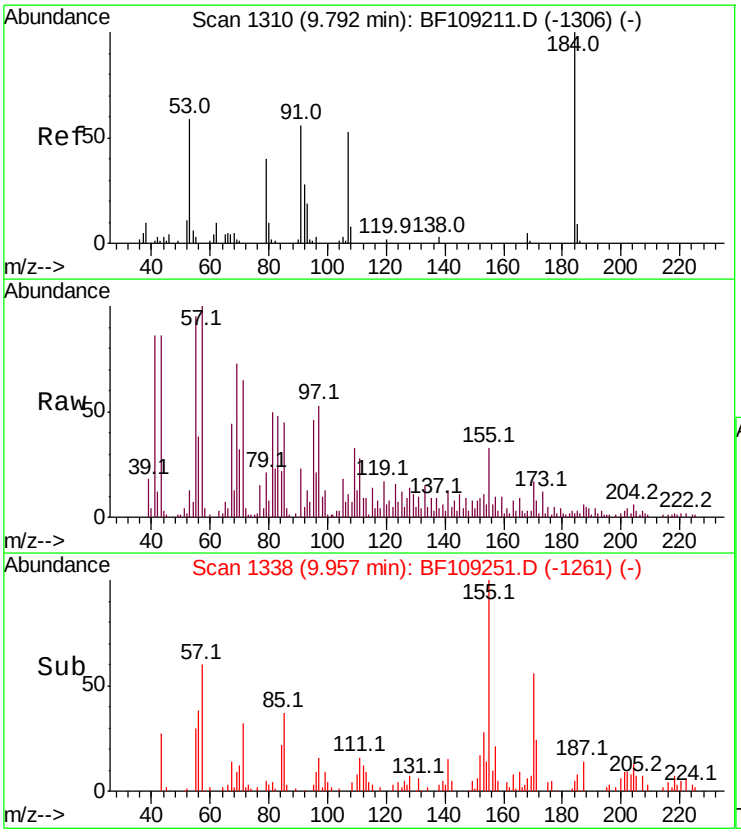
#49
Dimethylphthalate
Concen: 22.938 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion:163 Resp: 273197

Ion	Ratio	Lower	Upper
163	100		
194	5.0	2.7	4.1#
164	10.0	8.2	12.2



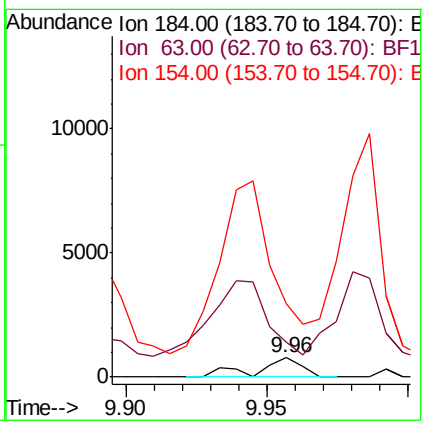
Instrument :
BNA_F
ClientSampleId :

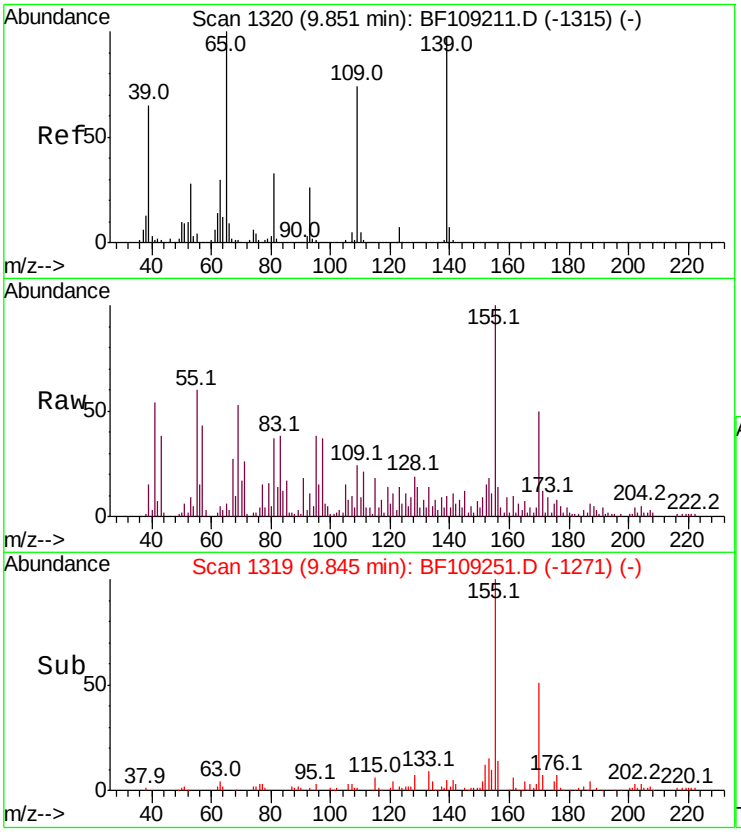


#53
2,4-Dinitrophenol
Concen: 9.395 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.15 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion:184 Resp: 836

Ion	Ratio	Lower	Upper
184	100		
63	180.2	54.2	81.2#
154	382.9	184.0	276.0#



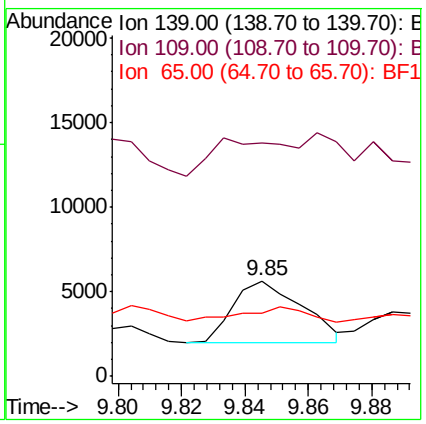


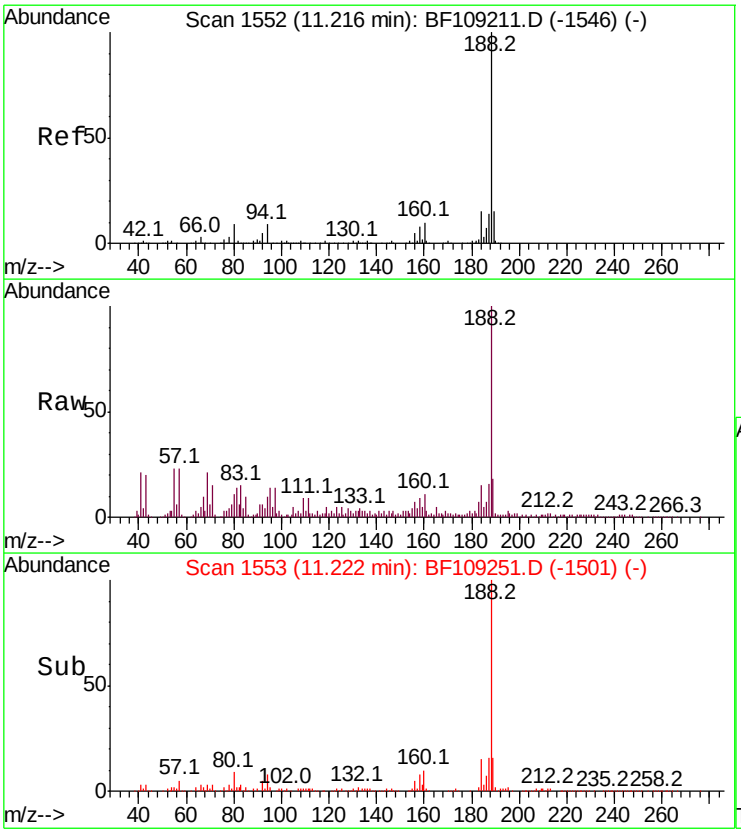
#55
4-Nitrophenol
Concen: 2.632 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 5417

Ion	Ratio	Lower	Upper
139	100		
109	243.8	48.4	88.4#
65	65.9	72.6	112.6#

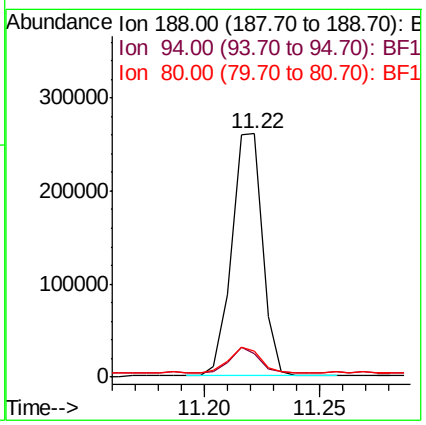


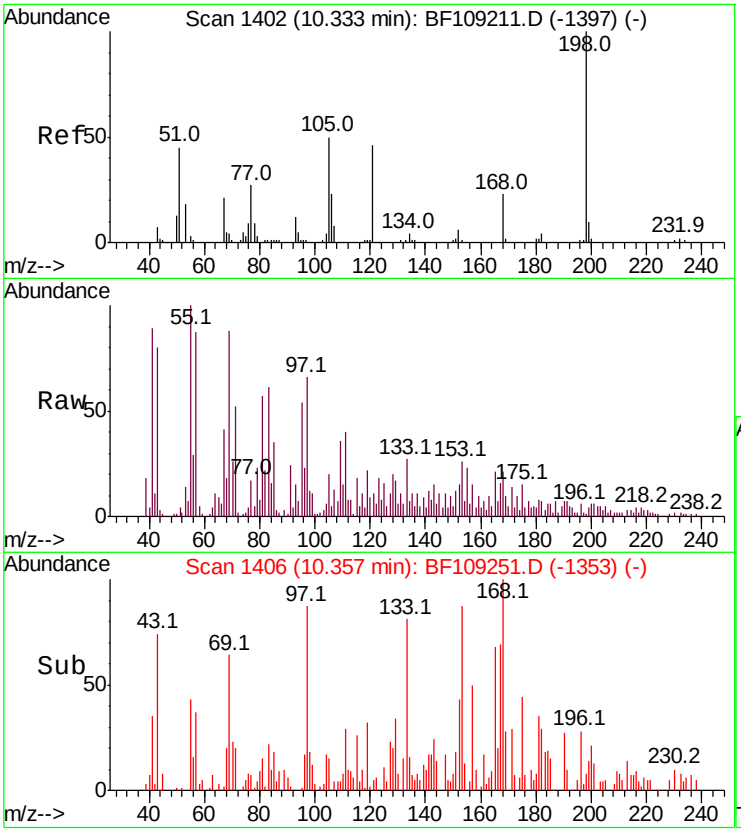


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion:188 Resp: 243007

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.6	9.2	13.8



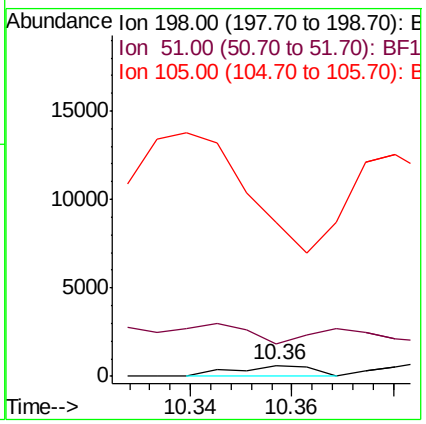


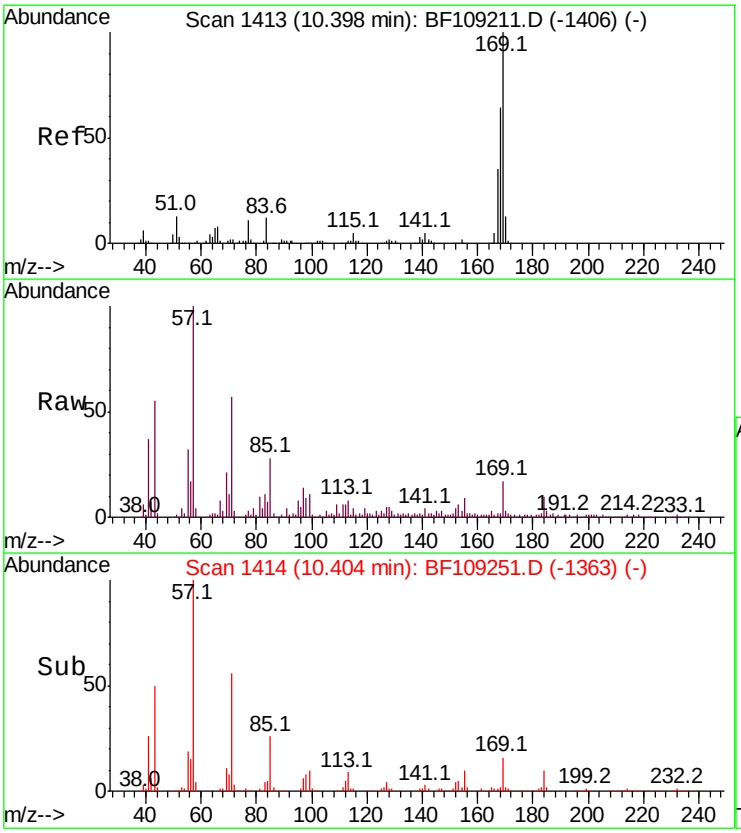
#64
4,6-Dinitro-2-methylphenol
Concen: 7.107 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 661

Ion	Ratio	Lower	Upper
198	100		
51	294.5	37.7	77.7#
105	1370.9	36.3	76.3#

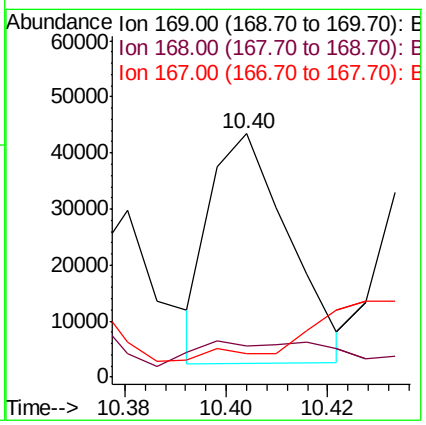


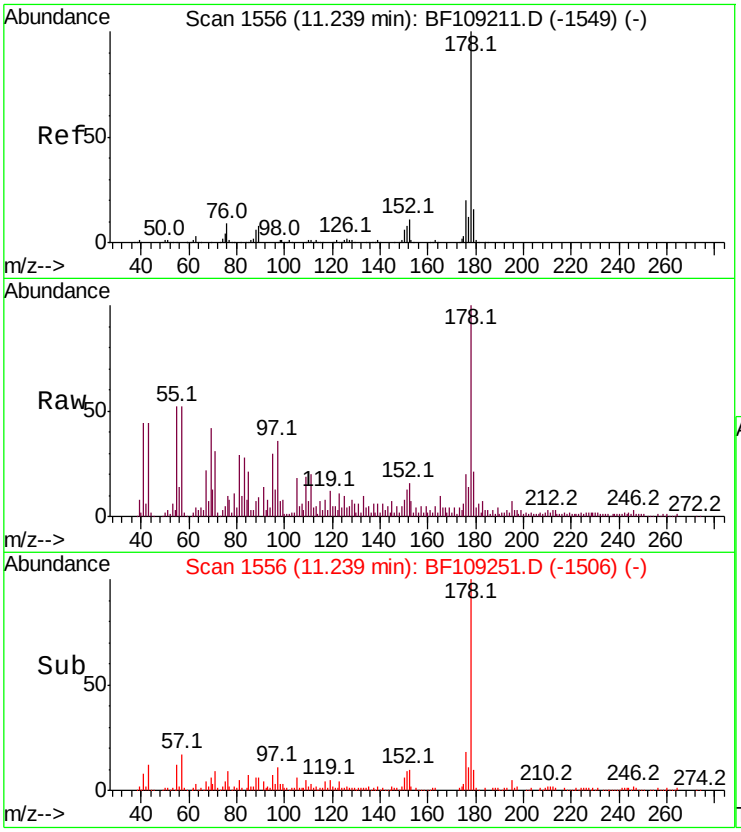


#65
n-Nitrosodiphenylamine
Concen: 5.498 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion:169 Resp: 44141

Ion	Ratio	Lower	Upper
169	100		
168	12.6	54.4	81.6#
167	9.8	29.8	44.6#



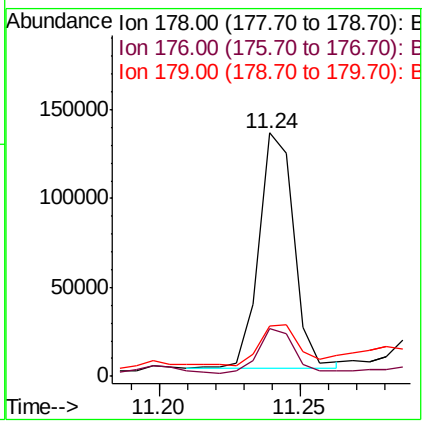


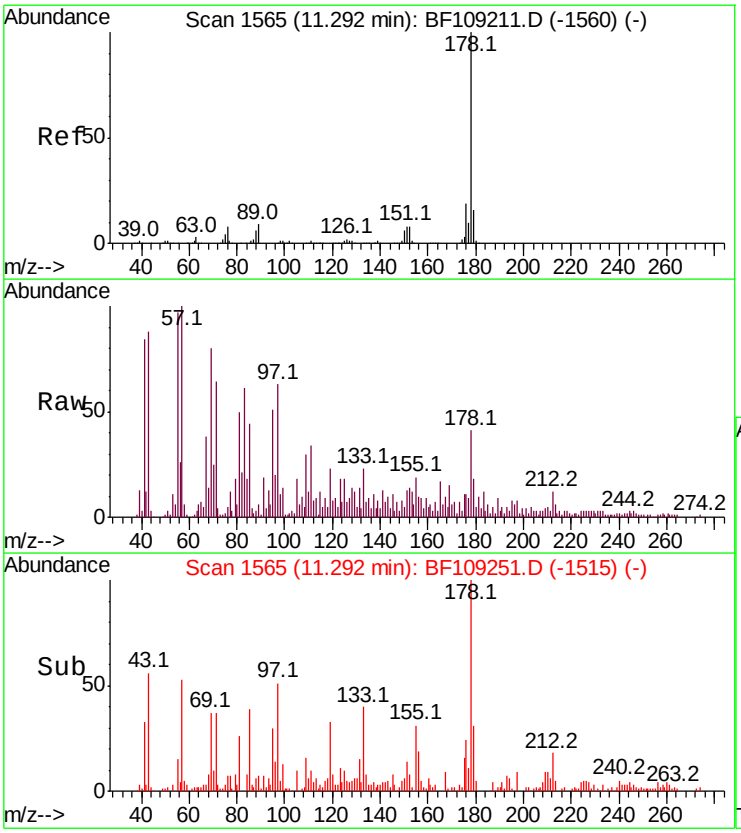
#70
Phenanthrene
Concen: 9.478 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 114999

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	20.8	13.0	19.6#

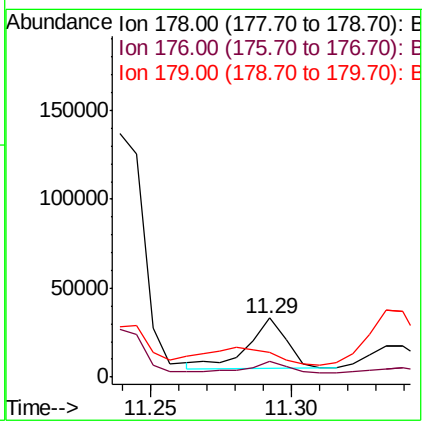


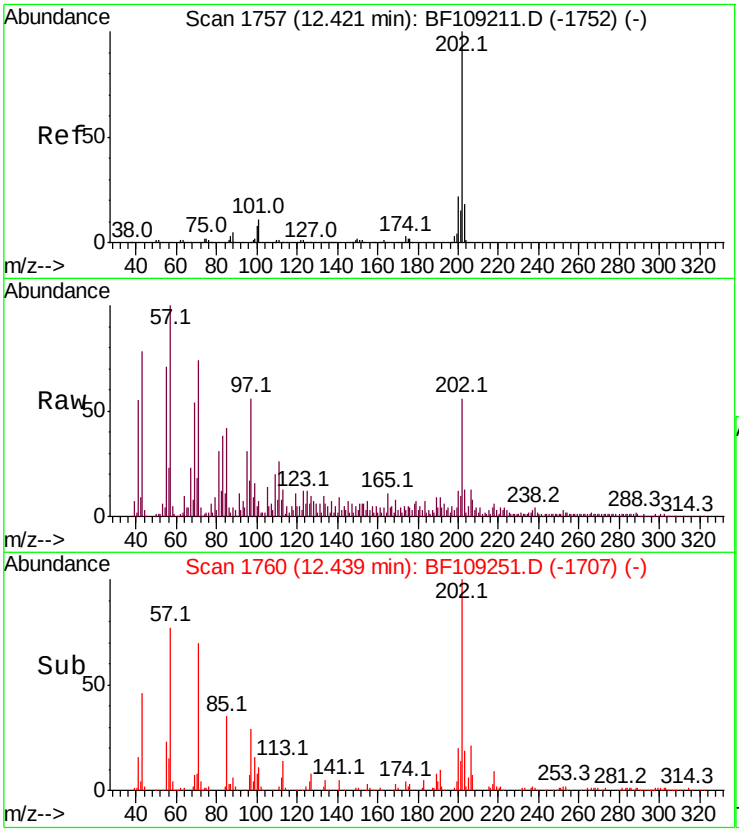


#71
Anthracene
Concen: 2.216 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion:178 Resp: 27268

Ion	Ratio	Lower	Upper
178	100		
176	27.3	15.4	23.2#
179	42.6	12.6	19.0#



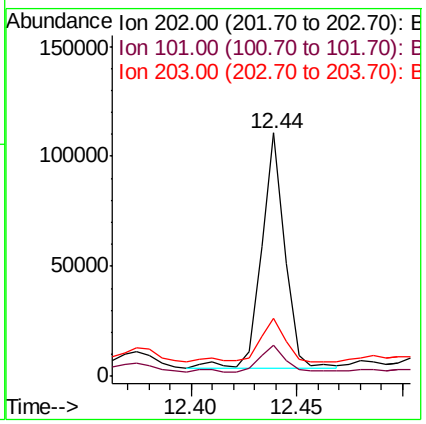


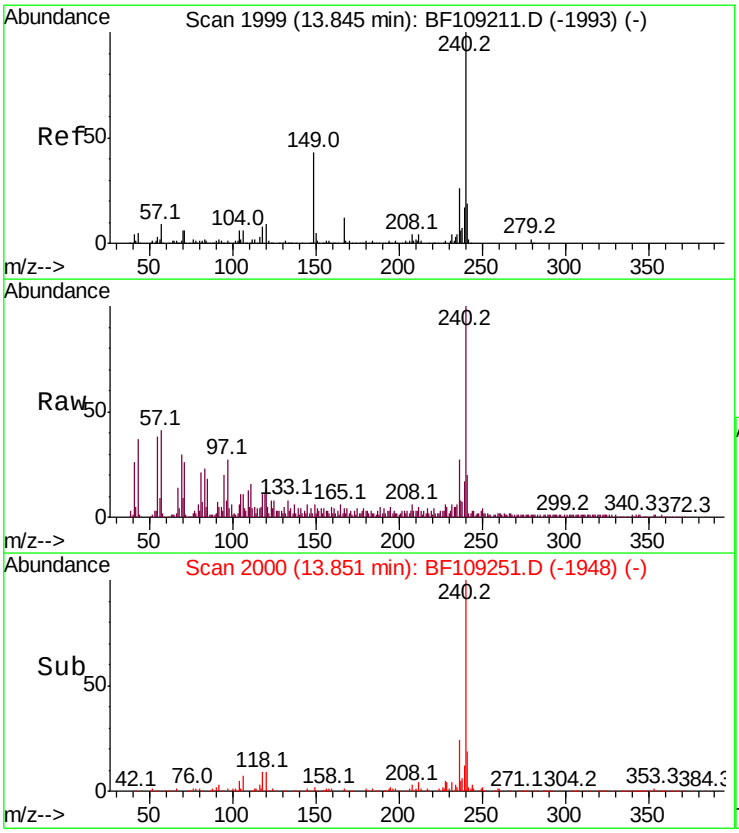
#74
Fluoranthene
Concen: 6.402 ng
RT: 12.44 min Scan# 1760
Delta R.T. 0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 83012

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	23.8	0.0	38.1

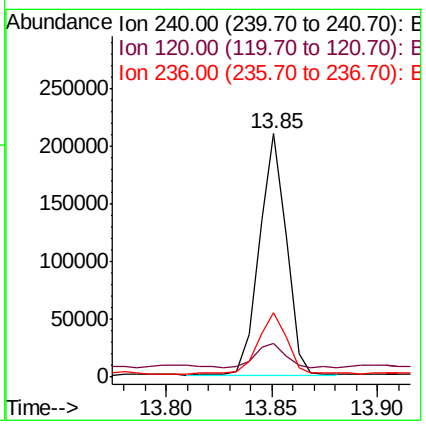


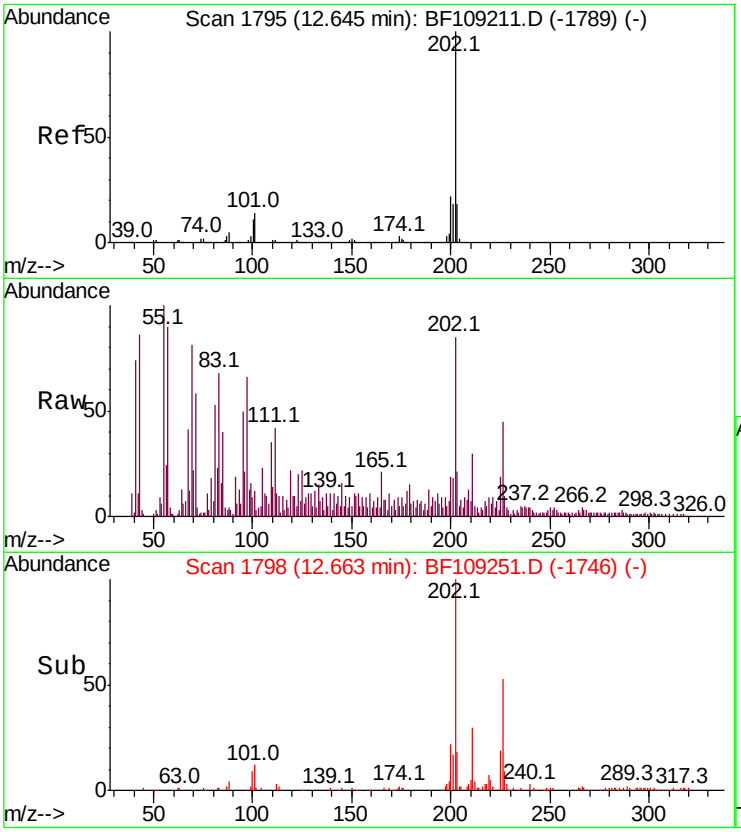


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion:240 Resp: 185702

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	26.6	20.7	31.1



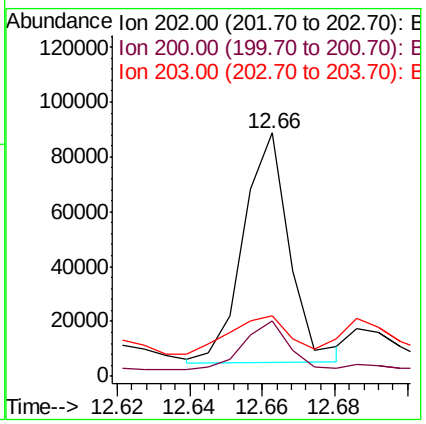


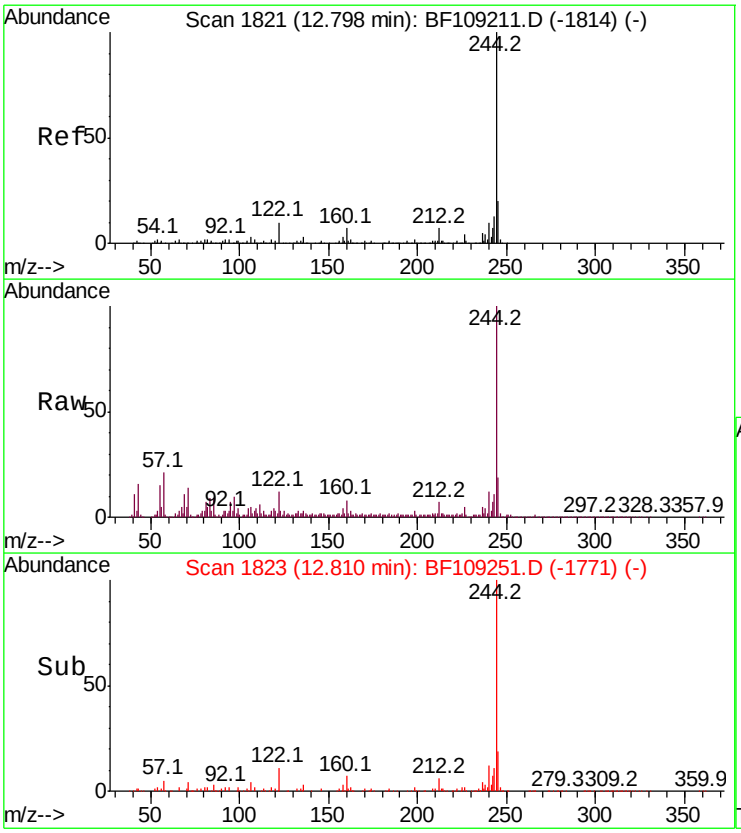
#77
Pyrene
Concen: 5.609 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 74646

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.4	26.2
203	24.7	14.3	21.5#

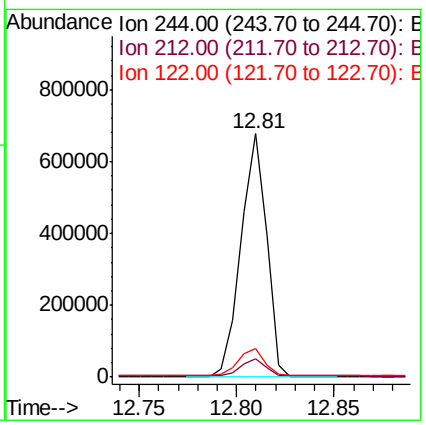


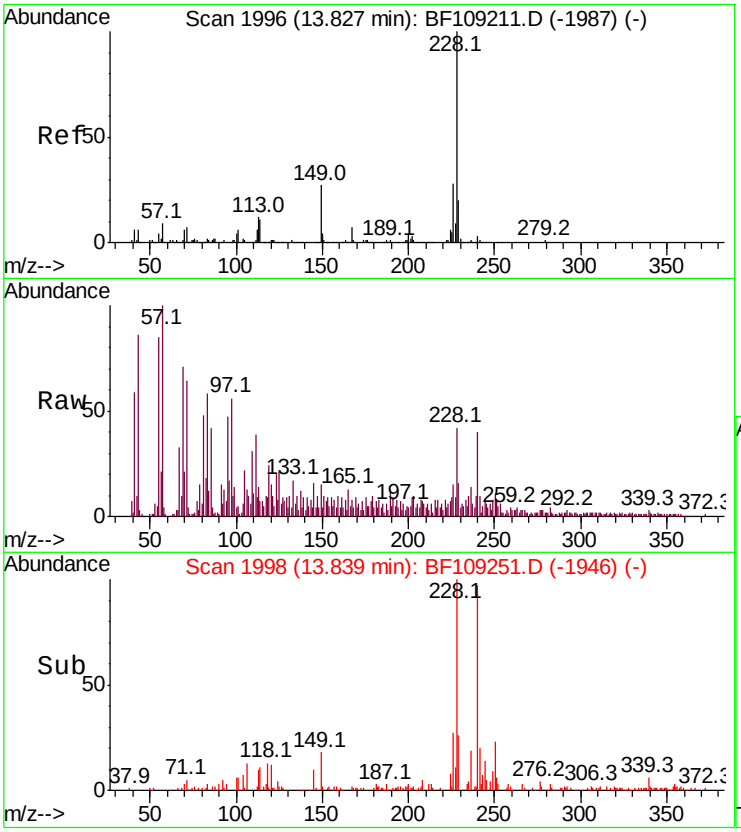


#78
Terphenyl-d14
Concen: 81.440 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion:244 Resp: 616240

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.7	11.0	16.4



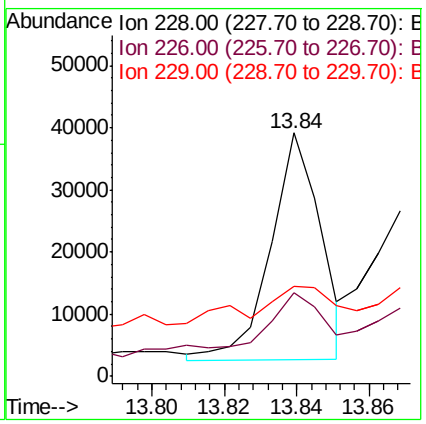


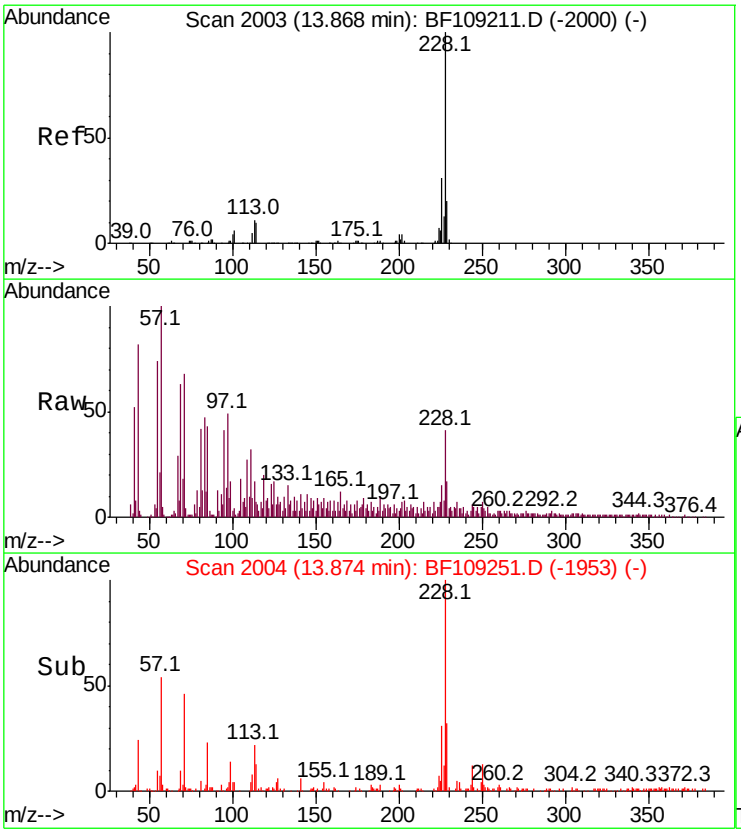
#80
Benzo(a)anthracene
Concen: 3.156 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 35302

Ion	Ratio	Lower	Upper
228	100		
226	34.4	22.6	33.8#
229	36.9	15.8	23.6#

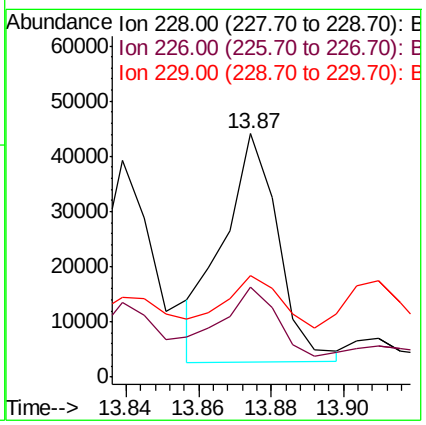


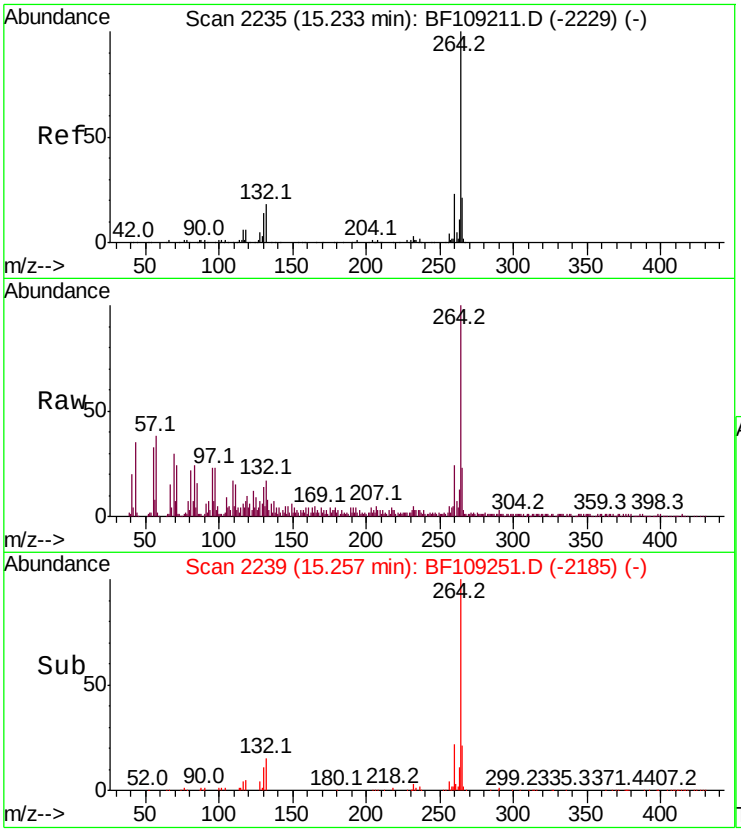


#82
Chrysene
Concen: 3.943 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion:228 Resp: 43711

Ion	Ratio	Lower	Upper
228	100		
226	37.2	25.0	37.6
229	41.6	16.2	24.4#



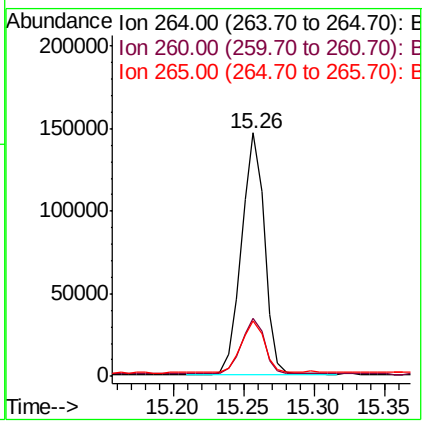


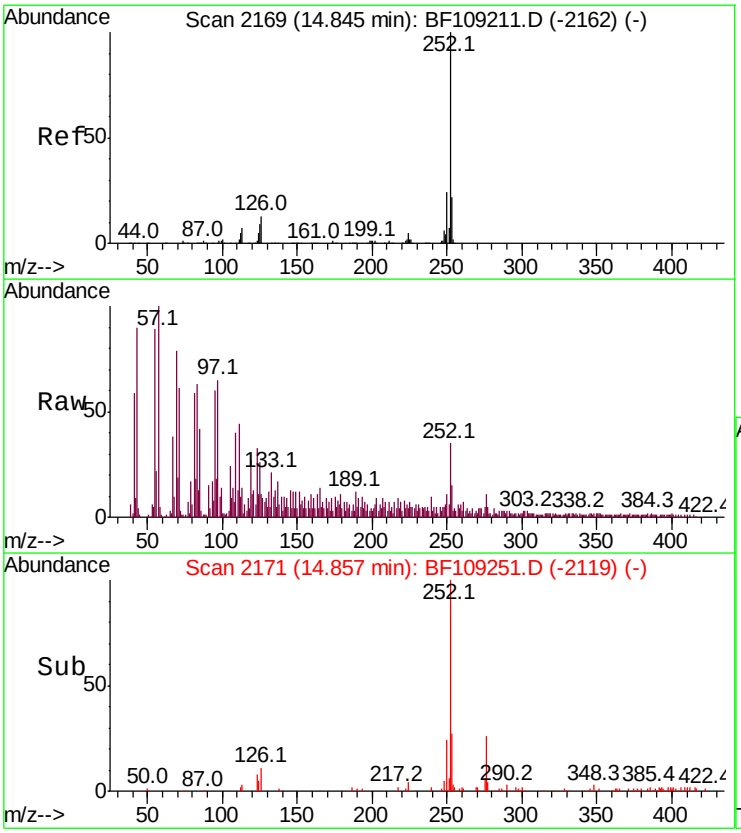
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.02 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 166288

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.5	17.5	26.3

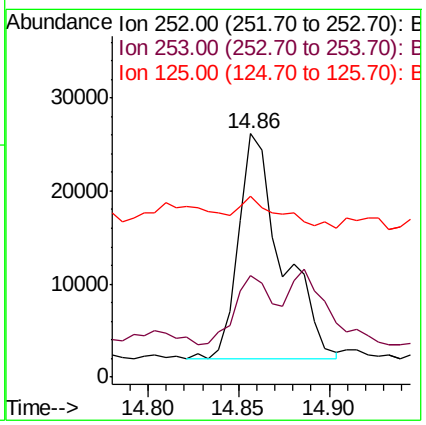


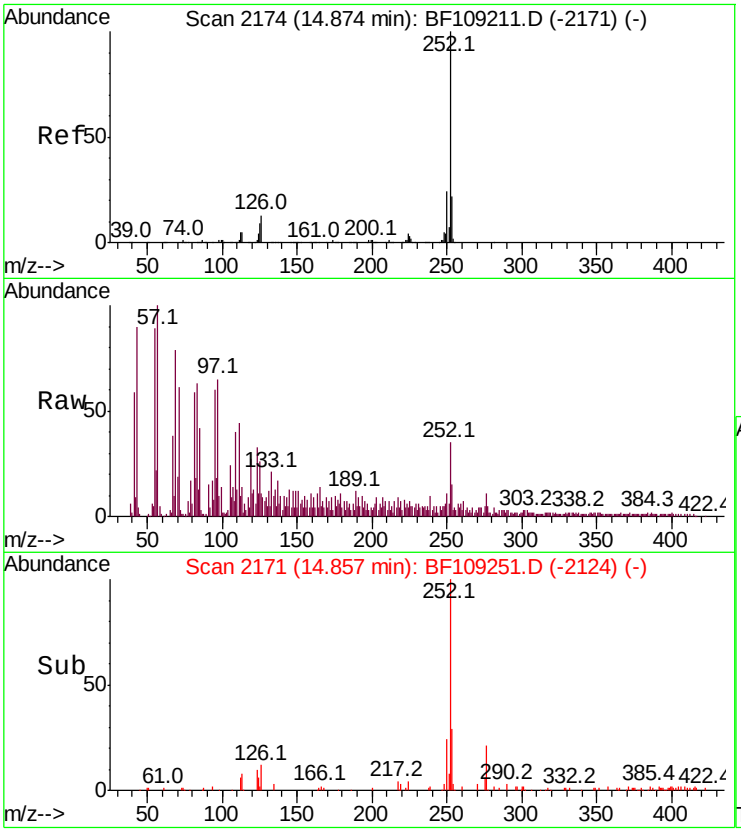


#87
Benzo(b)fluoranthene
Concen: 4.415 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion:252 Resp: 40341

Ion	Ratio	Lower	Upper
252	100		
253	41.5	17.0	25.6#
125	74.5	9.0	13.6#



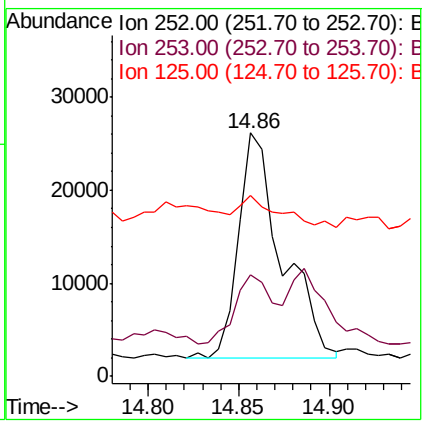


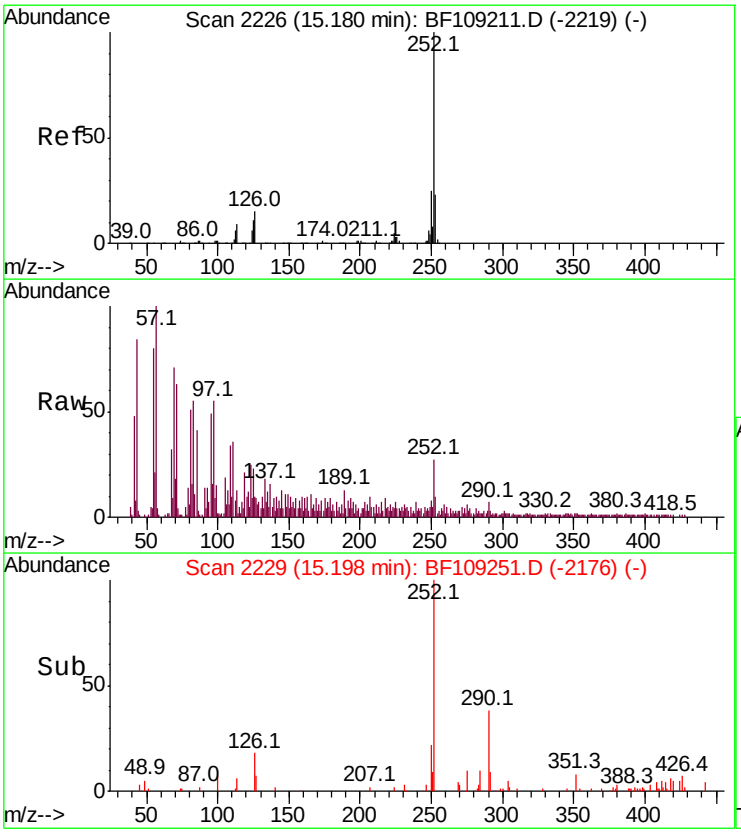
#88
Benzo(k)fluoranthene
Concen: 4.653 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 40341

Ion	Ratio	Lower	Upper
252	100		
253	41.5	17.9	26.9#
125	74.5	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.419 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion:252 Resp: 19917

Ion	Ratio	Lower	Upper
252	100		
253	36.5	17.1	25.7#
125	84.5	9.8	14.6#