Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112803.D
Acq On : 1 Mar 2019 16:49
Operator : JU/SJ
Sample : K1670-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-032-A

Quant Time: Mar 01 21:58:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	188249	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	699010	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	287532	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	469097	20.00	ng	0.00
76) Chrysene-d12	13.87	240	452022	20.00	ng	0.00
87) Perylene-d12	15.29	264	405701	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	570054	47.10	ng	0.00
7) Phenol-d6	6.37	99	743652	48.92	ng	0.00
23) Nitrobenzene-d5	7.30	82	426100	36.48	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	159254	52.17	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	733849	36.16	ng	0.00
79) Terphenyl-d14	12.83	244	610367	26.18	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	54495	5.660	ng	# 78
25) Isophorone	7.30	82	421067	16.731	ng	# 66
50) Dimethylphthalate	9.49	163	54237	2.558	ng	# 99
51) 2,6-Dinitrotoluene	9.77	165	36861	8.349	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	36862	6.717	ng	# 17
71) Phenanthrene	11.27	178	49054	2.102	ng	95
75) Fluoranthene	12.46	202	161378	6.454	ng	95
78) Pyrene	12.68	202	144753	3.799	ng	97
81) Benzo(a)anthracene	13.86	228	114950	3.669	ng	94
83) Chrysene	13.90	228	100361	3.270	ng	96
88) Benzo(b)fluoranthene	14.88	252	159279	6.070	ng	98
89) Benzo(k)fluoranthene	14.88	252	159279	6.701	ng	98
90) Benzo(a)pyrene	15.22	252	71433	3.078	ng	97

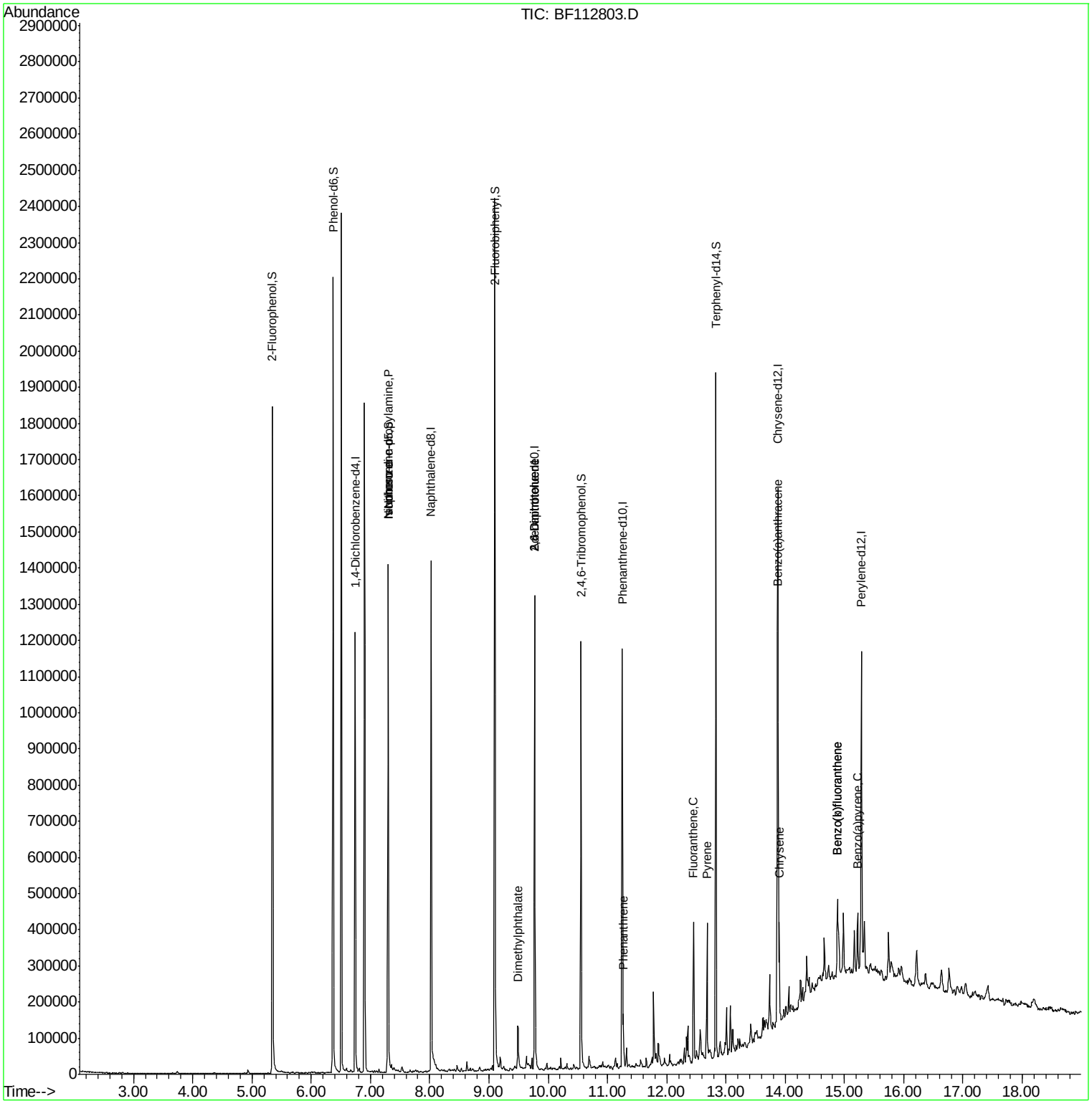
(#) = qualifier out of range (m) = manual integration (+) = signals summed

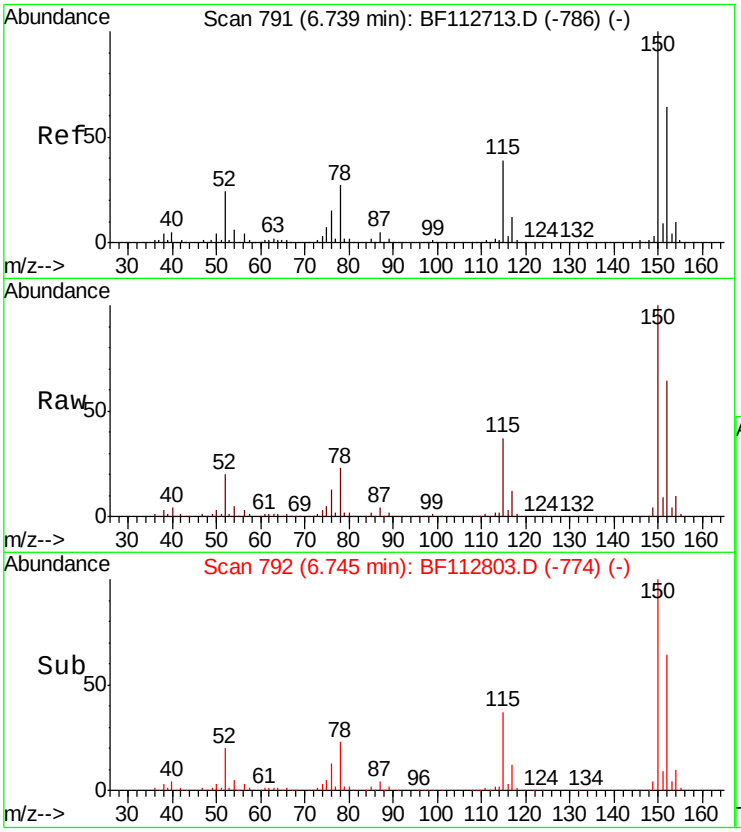
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112803.D
Acq On : 1 Mar 2019 16:49
Operator : JU/SJ
Sample : K1670-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

Quant Time: Mar 01 21:58:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



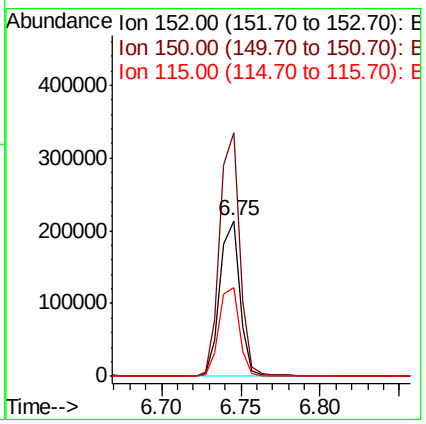


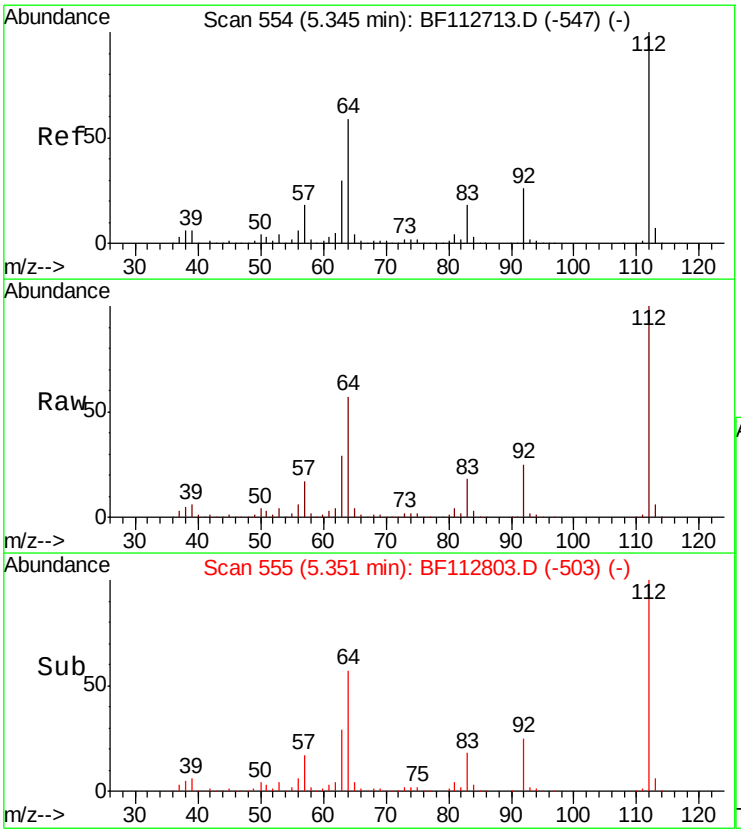
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

Tgt Ion:152 Resp: 188249

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.2
115	57.3	48.2	72.4

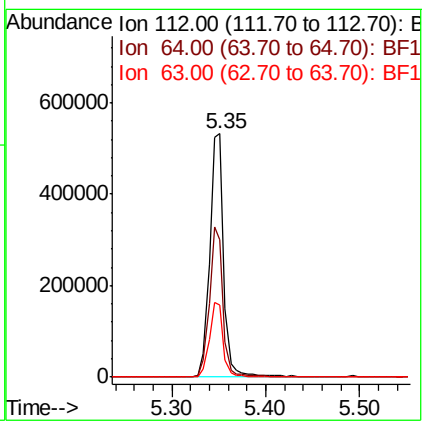


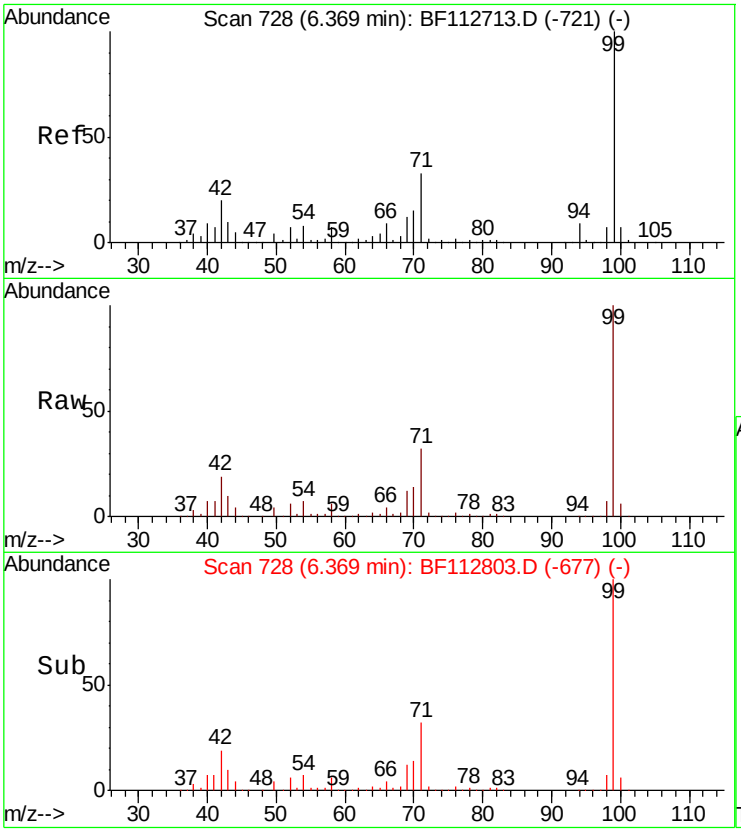


#5
2-Fluorophenol
Concen: 47.105 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Tgt Ion:112 Resp: 570054

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.6	71.4
63	29.4	24.4	36.6



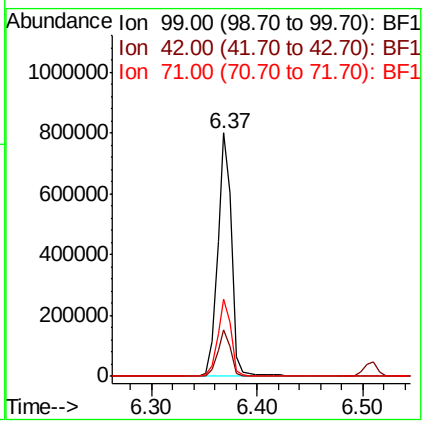


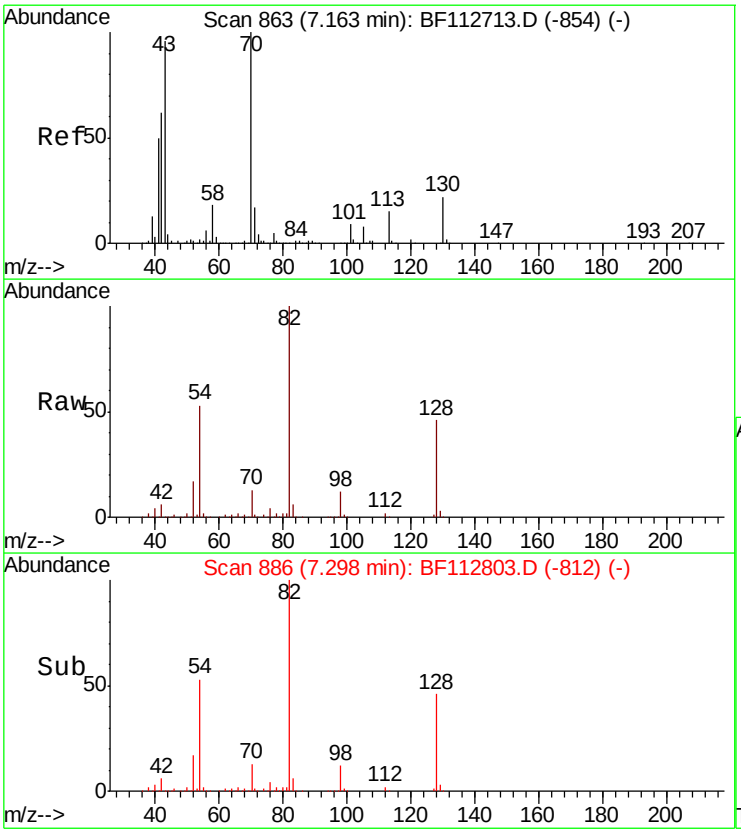
#7
Phenol-d6
Concen: 48.918 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

Tgt Ion: 99 Resp: 743652

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.3	24.5
71	31.6	26.2	39.4

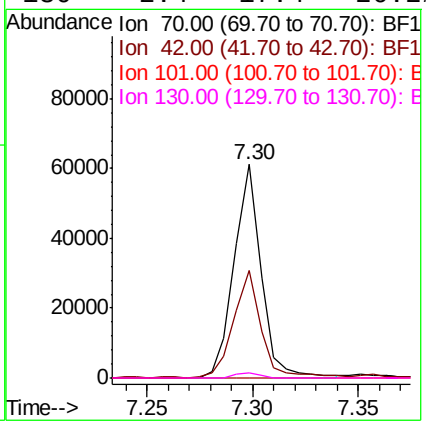


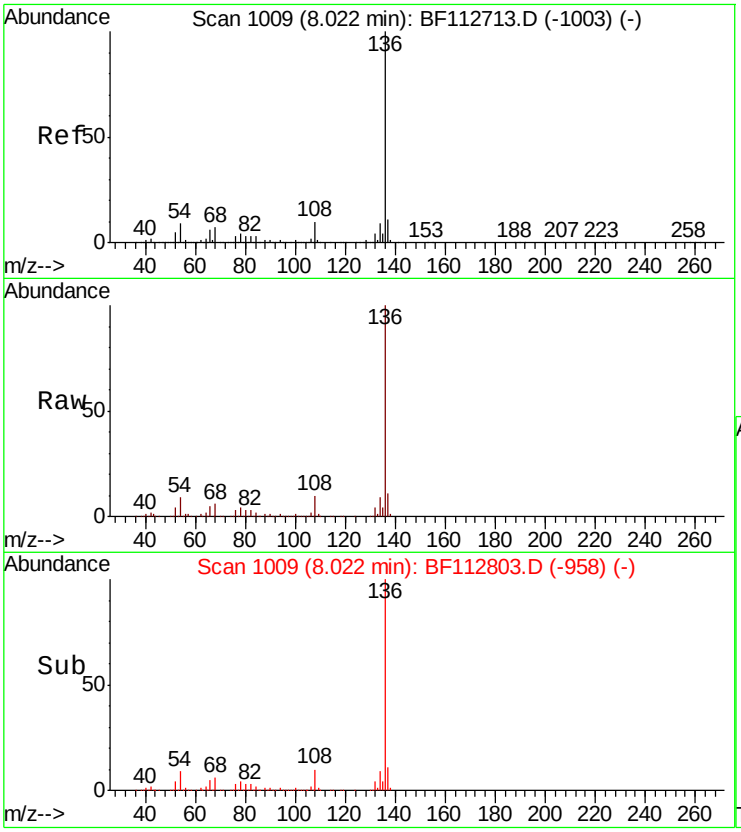


#19
n-Nitroso-di-n-propylamine
Concen: 5.660 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Tgt Ion: 70 Resp: 54495

Ion	Ratio	Lower	Upper
70	100		
42	50.6	49.9	74.9
101	0.0	7.4	11.2#
130	2.4	17.4	26.2#



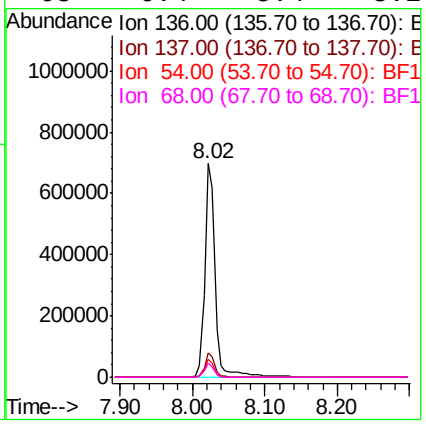


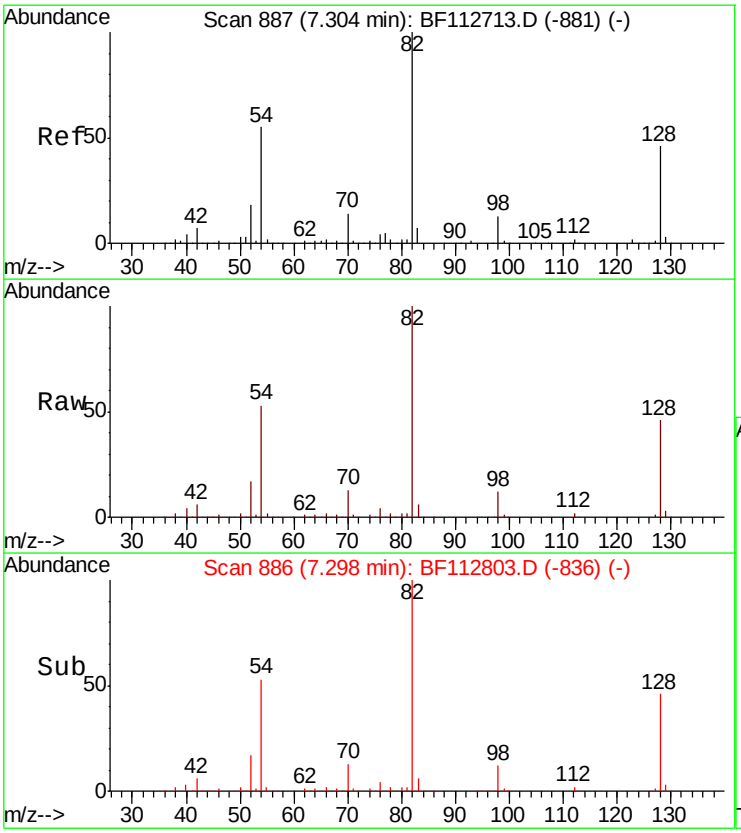
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

Tgt Ion:136 Resp: 699010

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.5	7.3	10.9
68	6.4	5.4	8.2

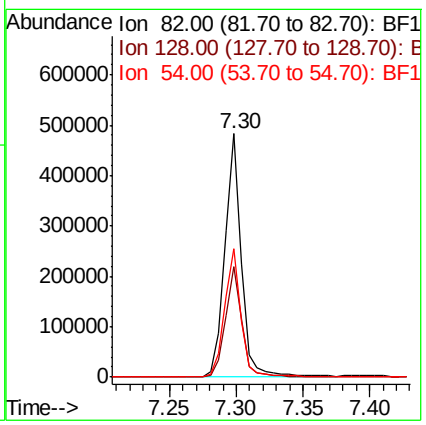


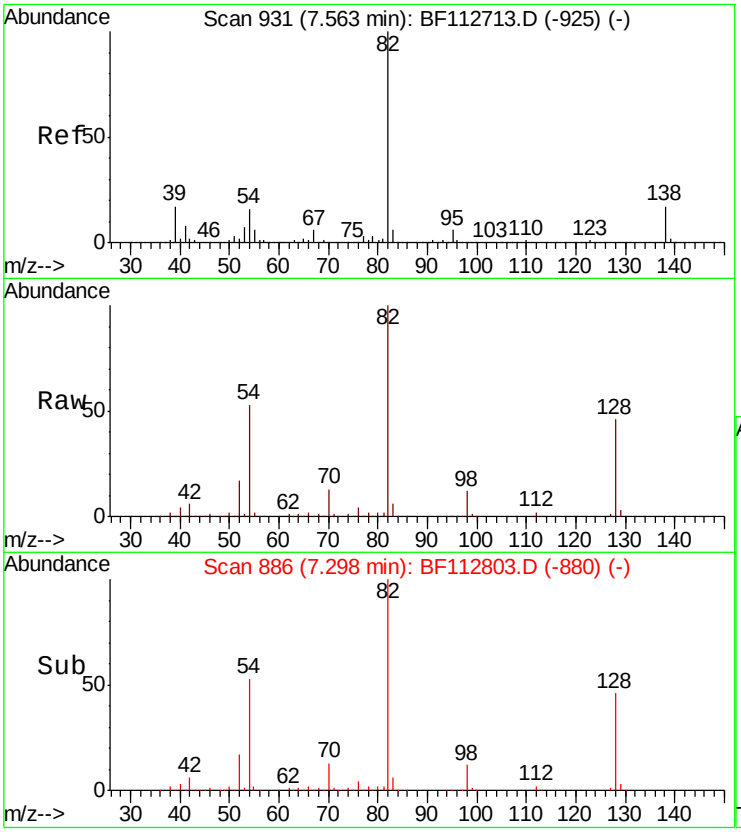


#23
Nitrobenzene-d5
Concen: 36.476 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Tgt Ion: 82 Resp: 426100

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.3	54.5
54	52.5	43.7	65.5



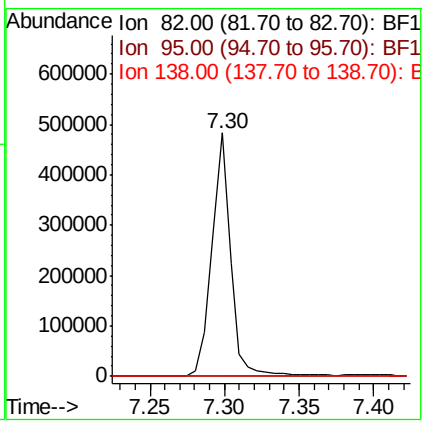


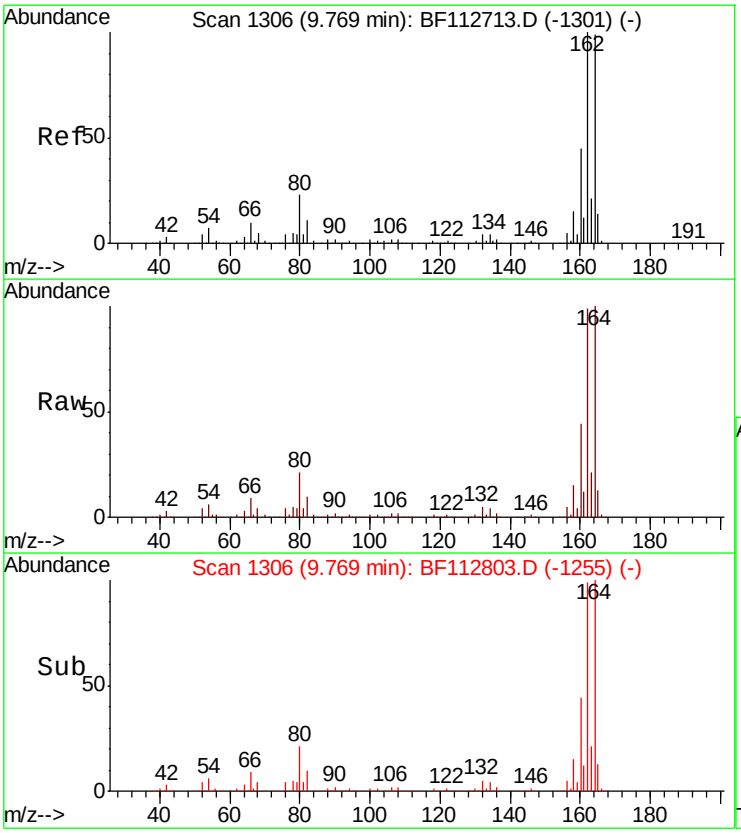
#25
Isophorone
Concen: 16.731 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

Tgt Ion: 82 Resp: 421067

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	13.8	20.8#

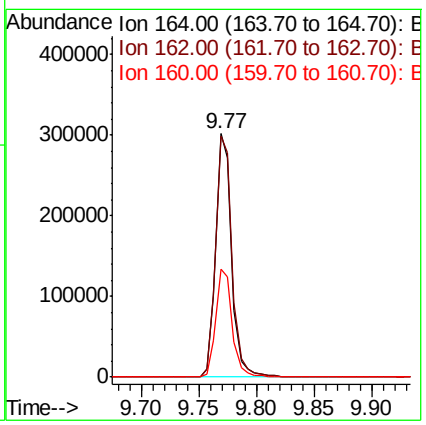


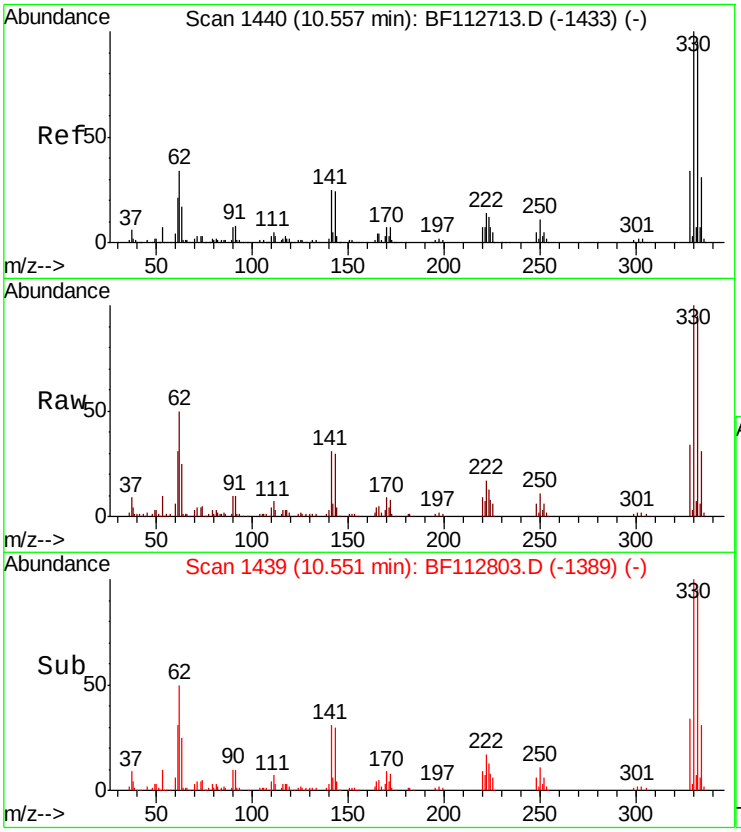


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Tgt Ion:164 Resp: 287532

Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.6	120.8
160	44.3	36.0	54.0



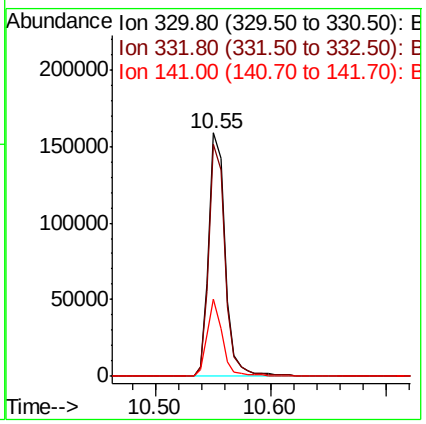


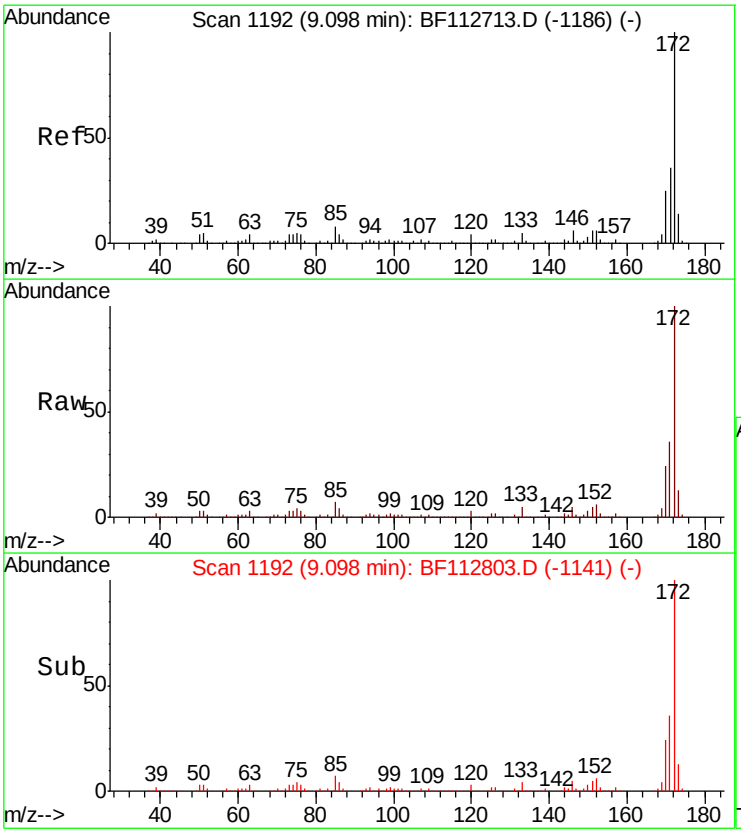
#42
2,4,6-Tribromophenol
Concen: 52.171 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

Tgt Ion:330 Resp: 159254

Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.2	114.4
141	29.3	27.0	40.6

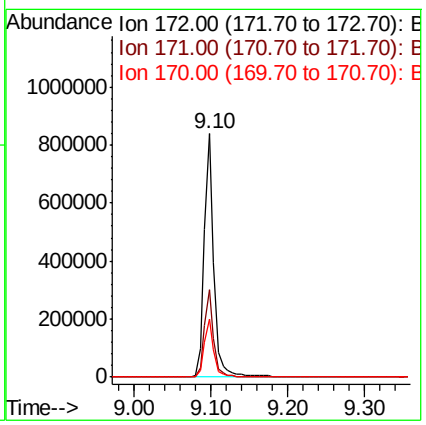


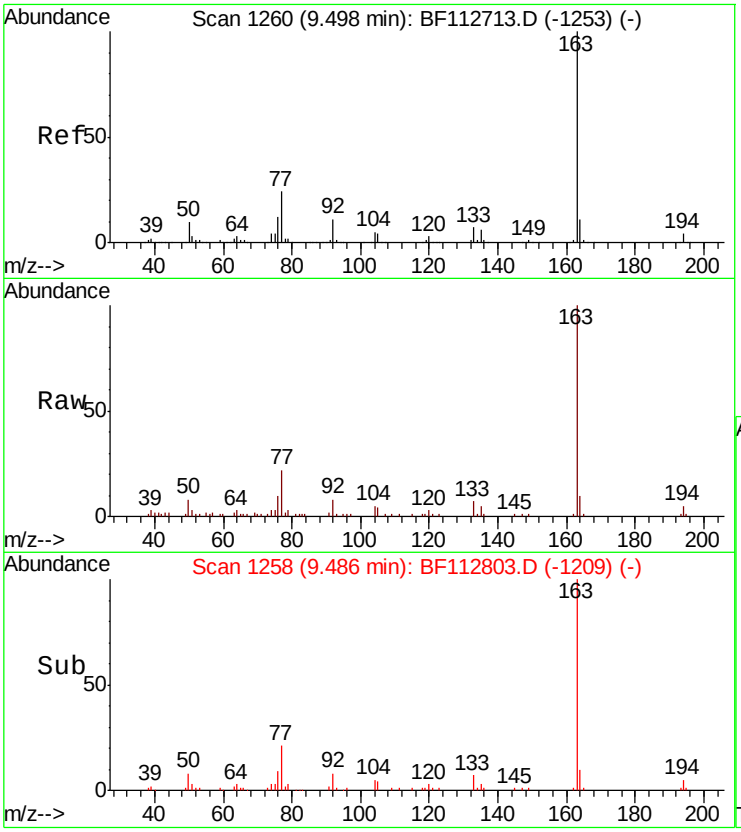


#45
2-Fluorobiphenyl
Concen: 36.158 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Tgt Ion:172 Resp: 733849

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	23.7	20.0	30.0



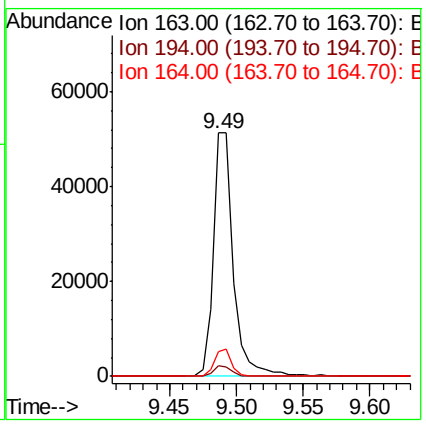


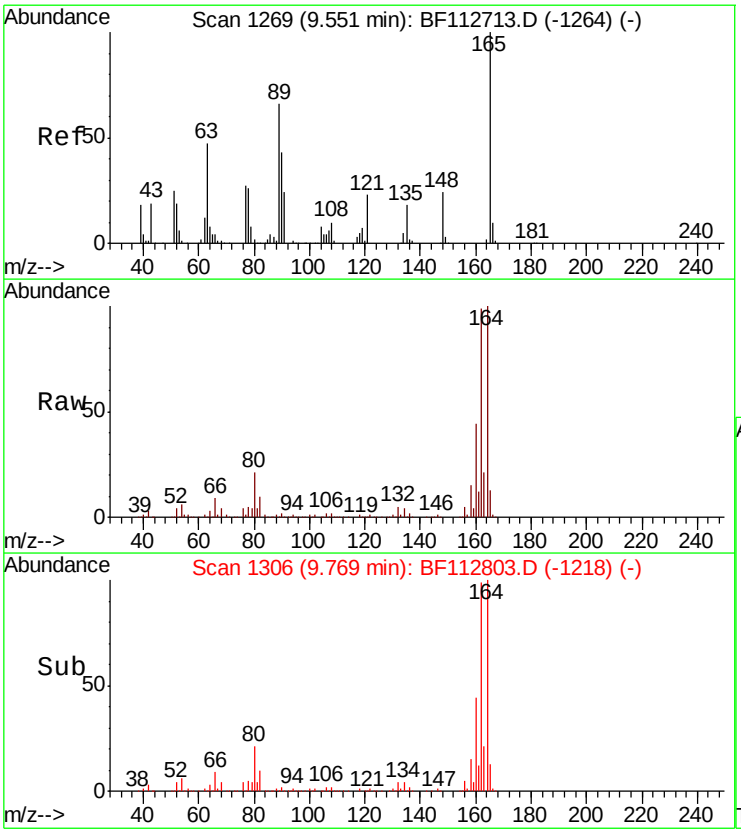
#50
Dimethylphthalate
Concen: 2.558 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

Tgt Ion:163 Resp: 54237

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.0	4.4#
164	10.3	8.4	12.6

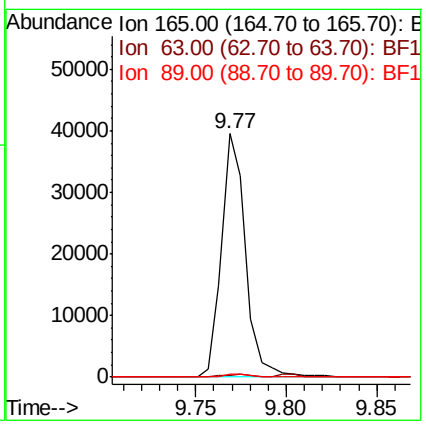


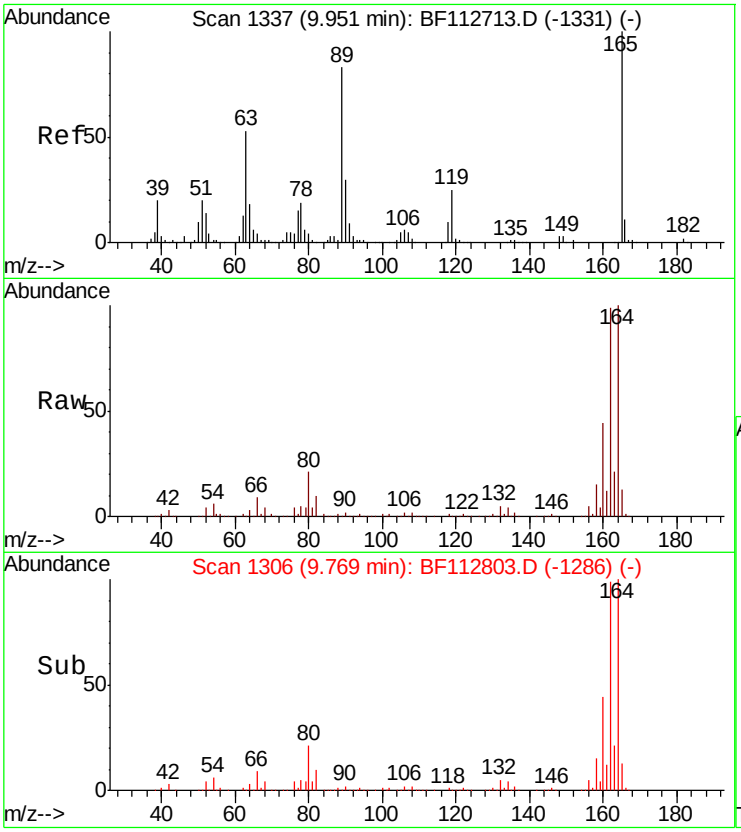


#51
2,6-Dinitrotoluene
Concen: 8.349 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.22 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Tgt Ion:165 Resp: 36861

Ion	Ratio	Lower	Upper
165	100		
63	0.9	54.1	81.1#
89	1.2	52.8	79.2#



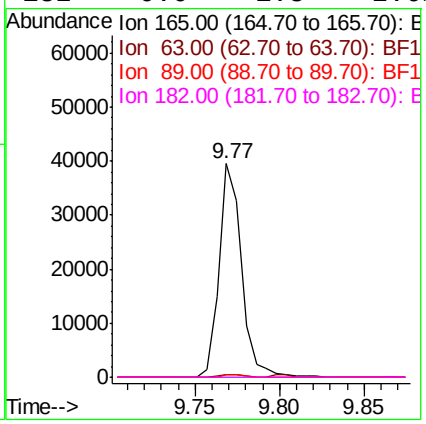


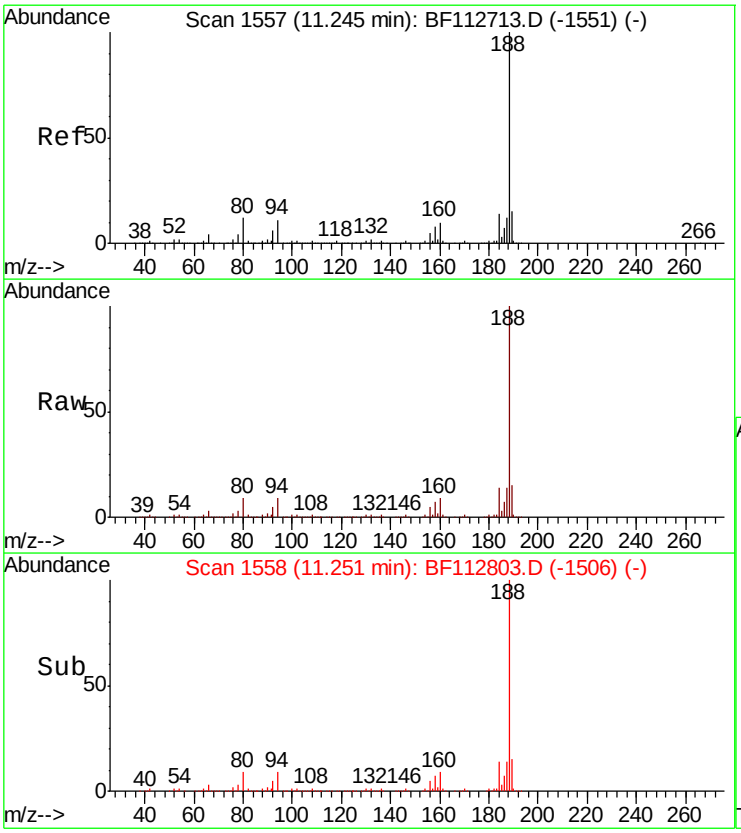
#57
2,4-Dinitrotoluene
Concen: 6.717 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

Tgt Ion:165 Resp: 36862

Ion	Ratio	Lower	Upper
165	100		
63	0.9	42.2	63.2#
89	1.2	66.2	99.4#
182	0.0	1.8	2.6#

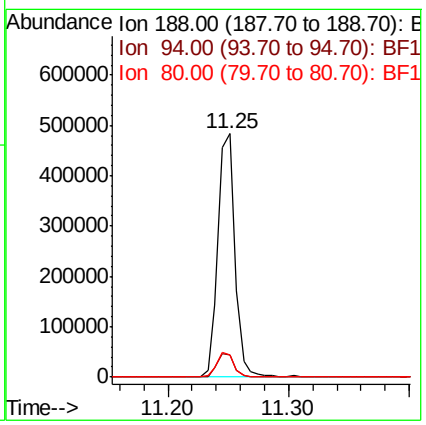


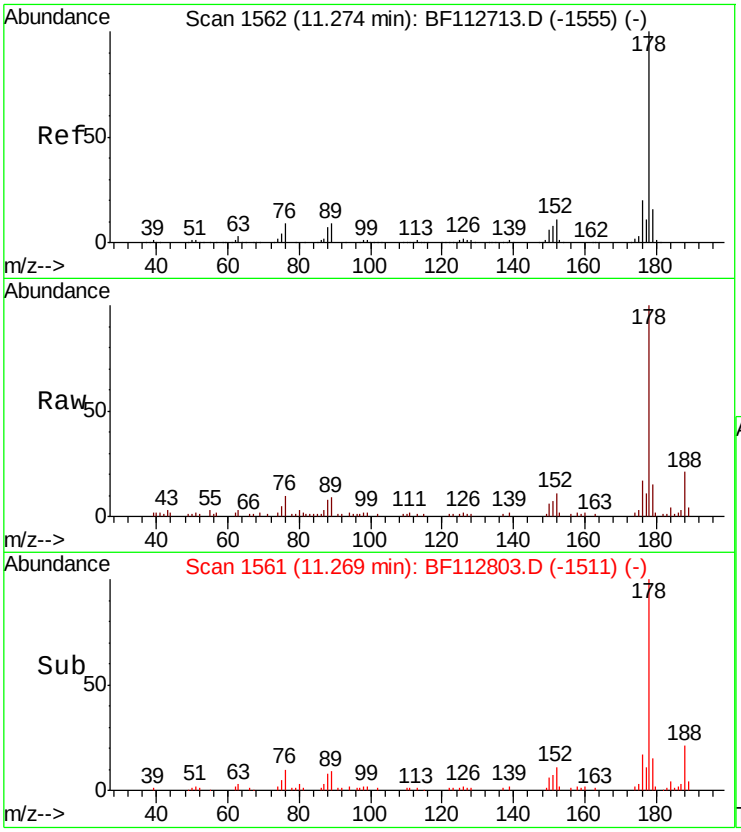


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Tgt Ion:188 Resp: 469097

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.2	9.2	13.8#



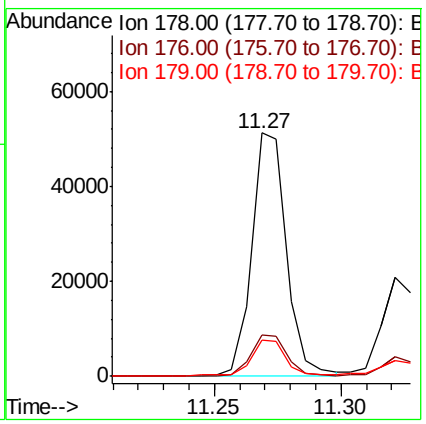


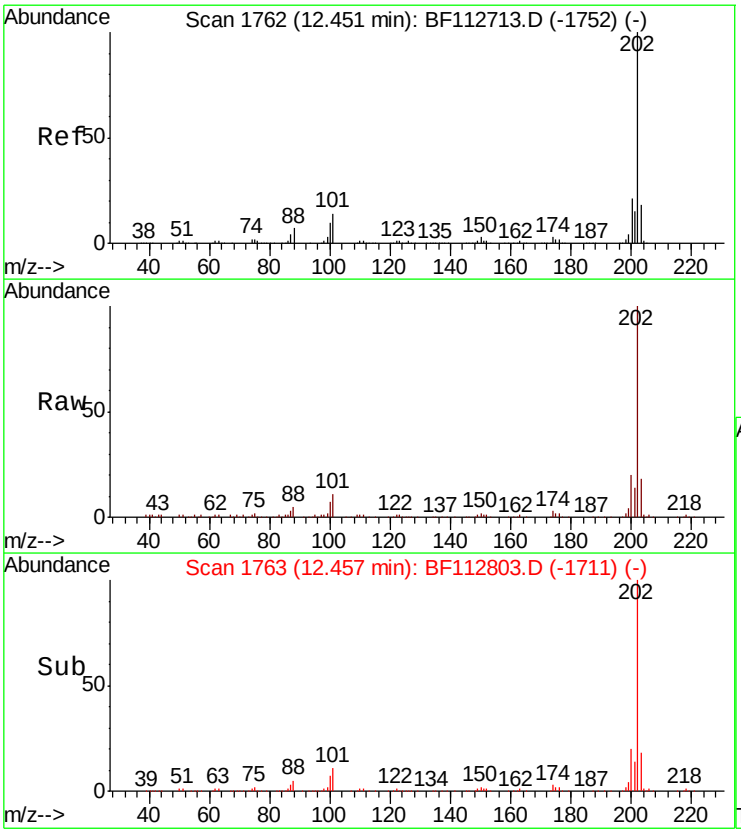
#71
Phenanthrene
Concen: 2.102 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

Tgt Ion:178 Resp: 49054

Ion	Ratio	Lower	Upper
178	100		
176	16.8	16.3	24.5
179	15.1	12.7	19.1

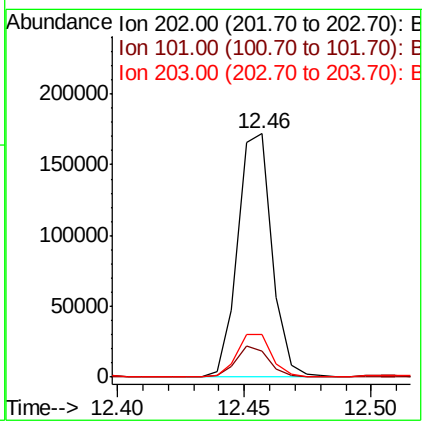


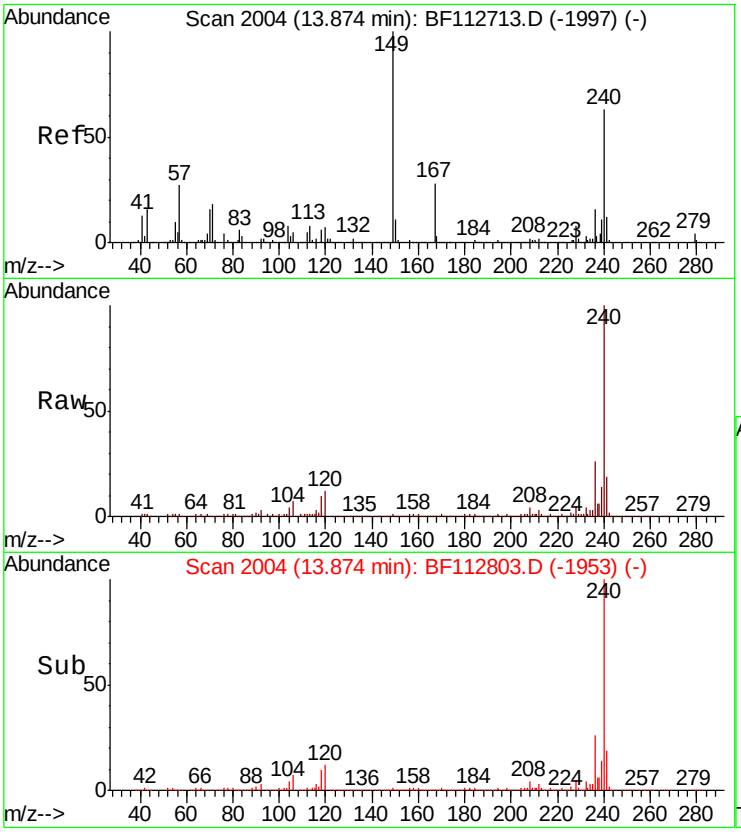


#75
Fluoranthene
Concen: 6.454 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Tgt Ion:202 Resp: 161378

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	33.8
203	17.6	0.0	38.4



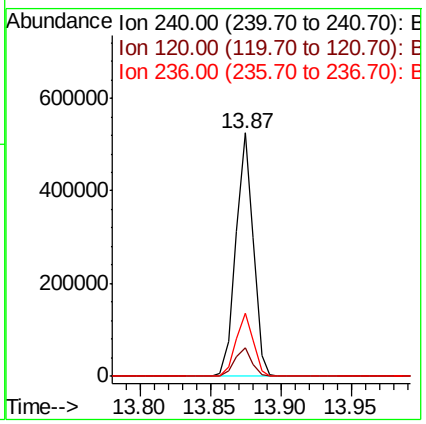


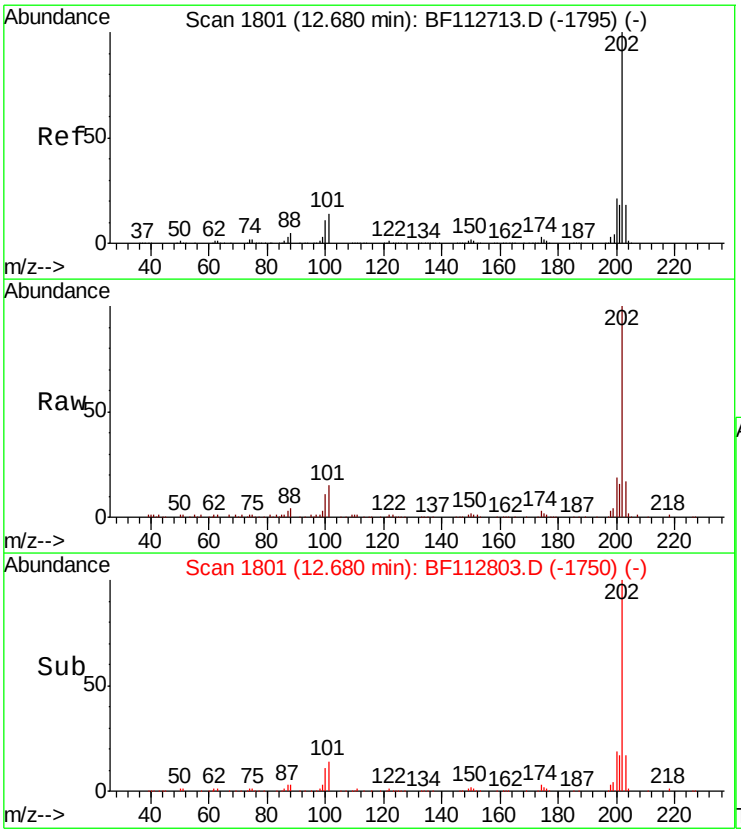
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

Tgt Ion:240 Resp: 452022

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	25.7	20.7	31.1

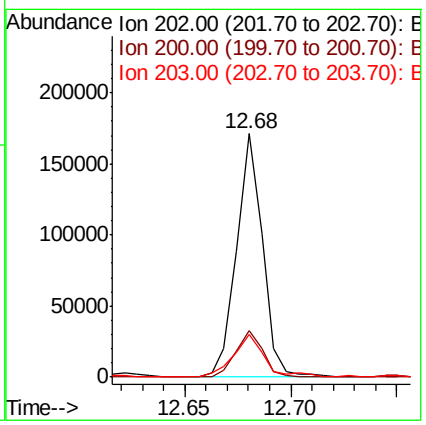


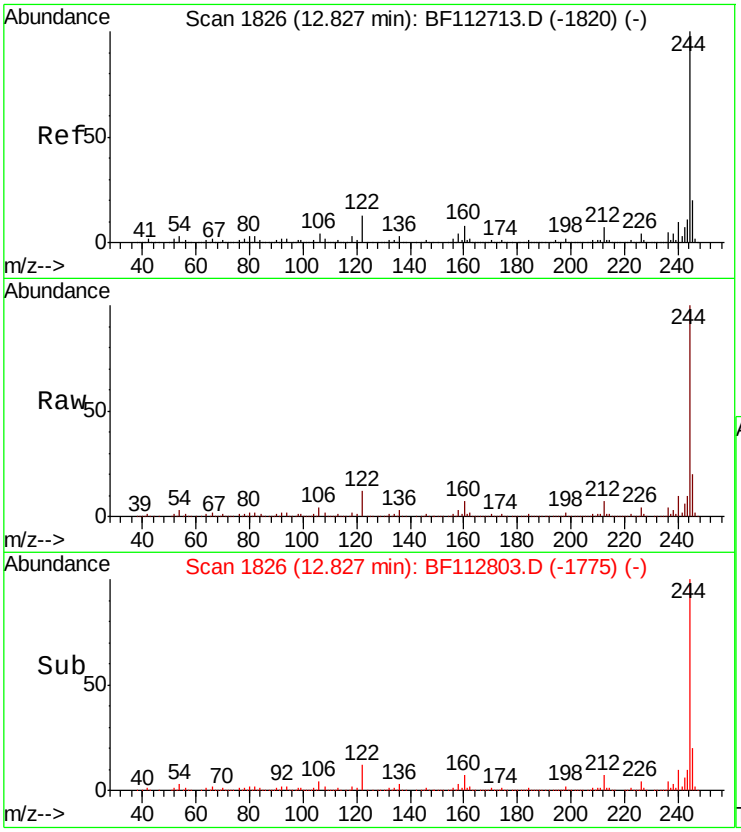


#78
Pyrene
Concen: 3.799 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Tgt Ion:202 Resp: 144753

Ion	Ratio	Lower	Upper
202	100		
200	18.9	17.0	25.4
203	17.3	14.4	21.6



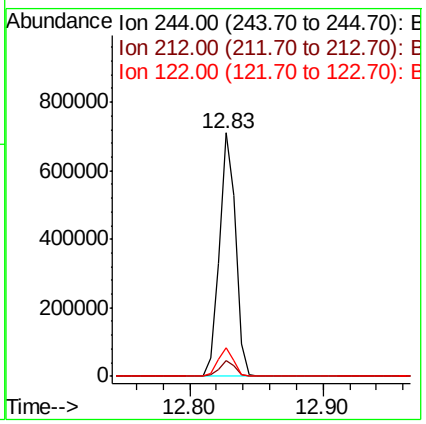


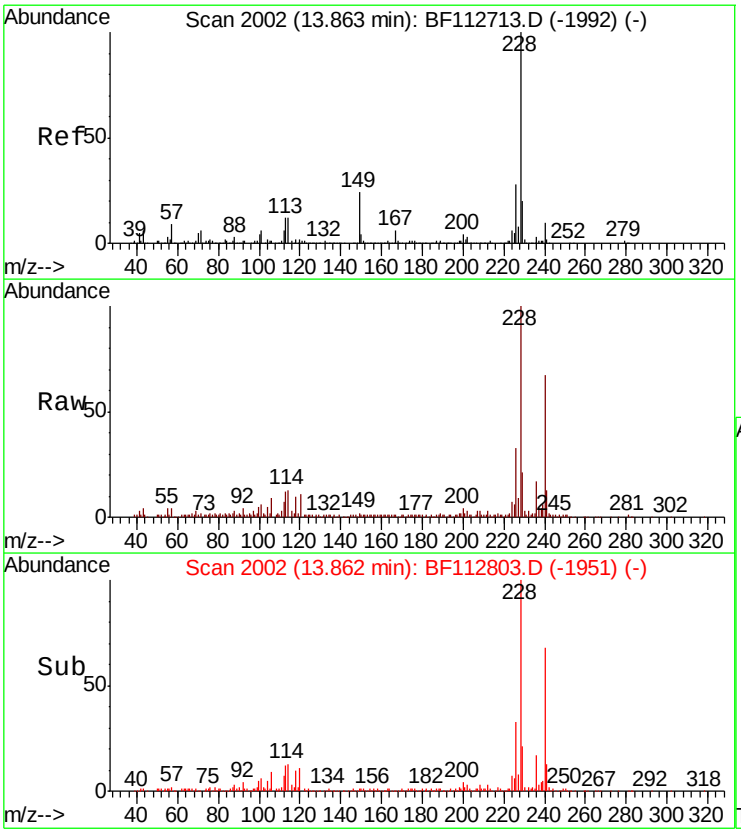
#79
Terphenyl-d14
Concen: 26.176 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

Tgt Ion:244 Resp: 610367

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.9	10.5	15.7

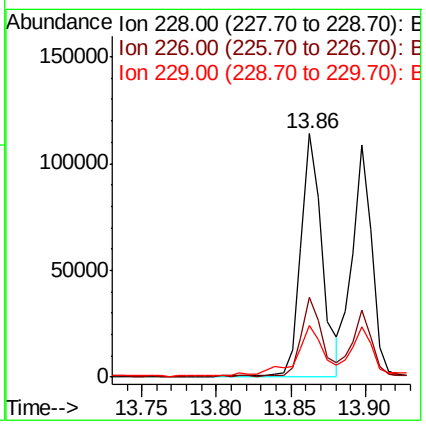


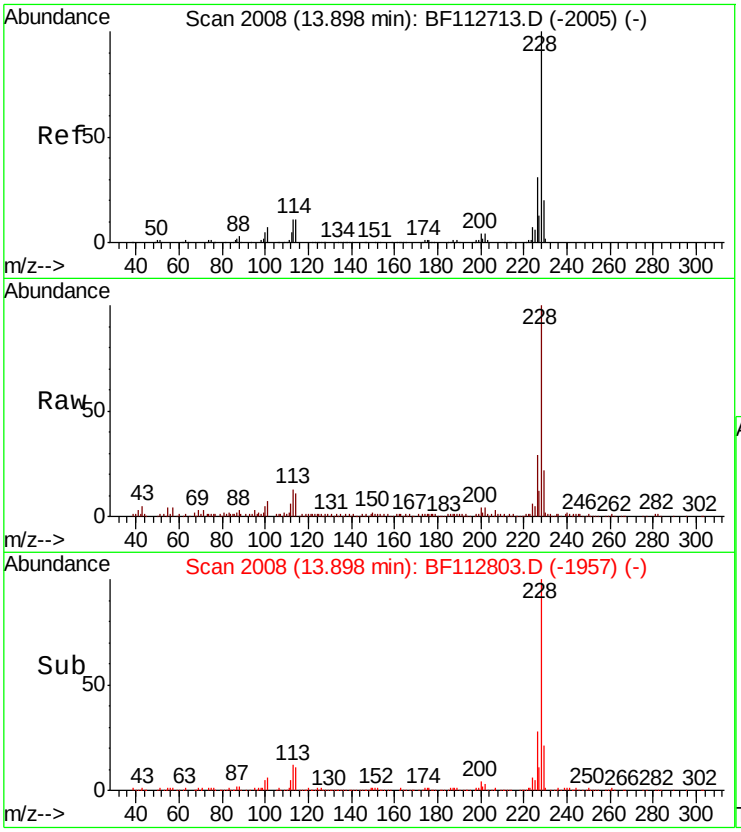


#81
Benzo(a)anthracene
Concen: 3.669 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Tgt Ion:228 Resp: 114950

Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.2	33.4
229	21.1	16.0	24.0



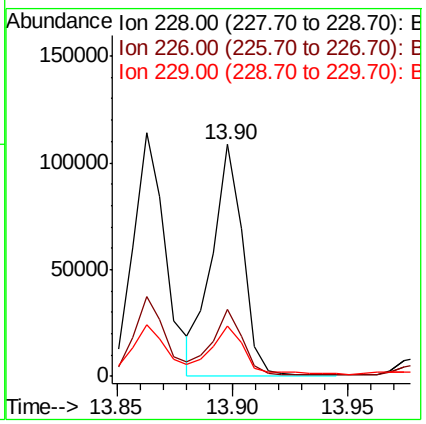


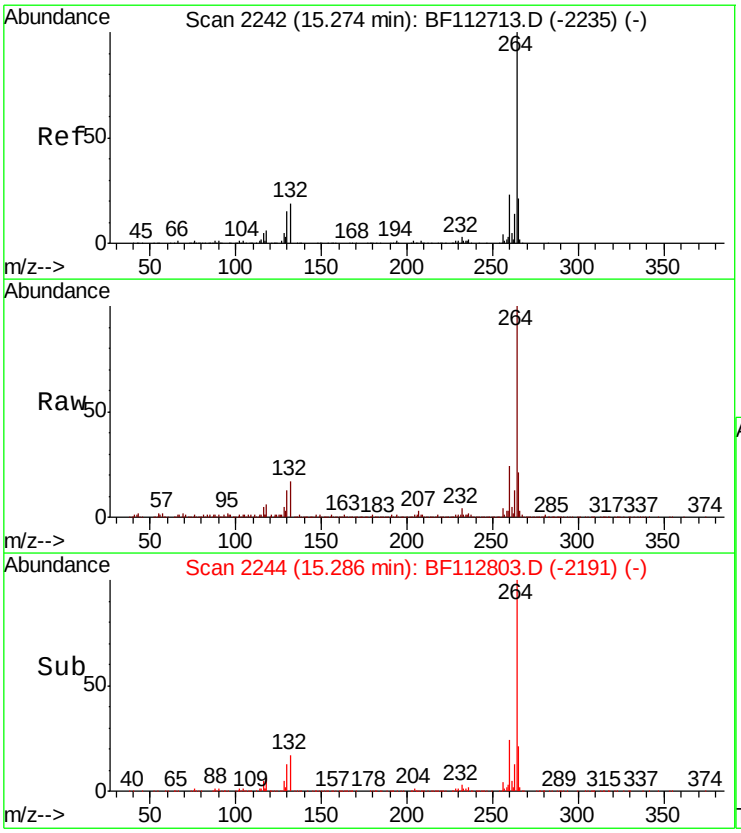
#83
Chrysene
Concen: 3.270 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

Tgt Ion:228 Resp: 100361

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.9	37.3
229	21.6	16.3	24.5

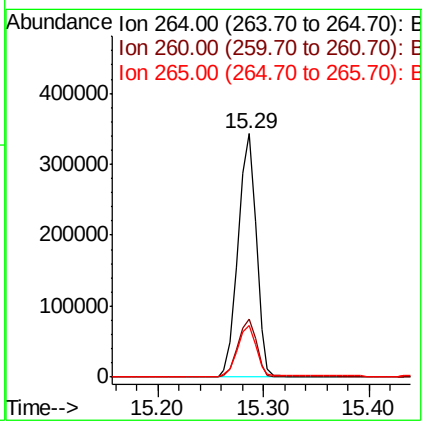


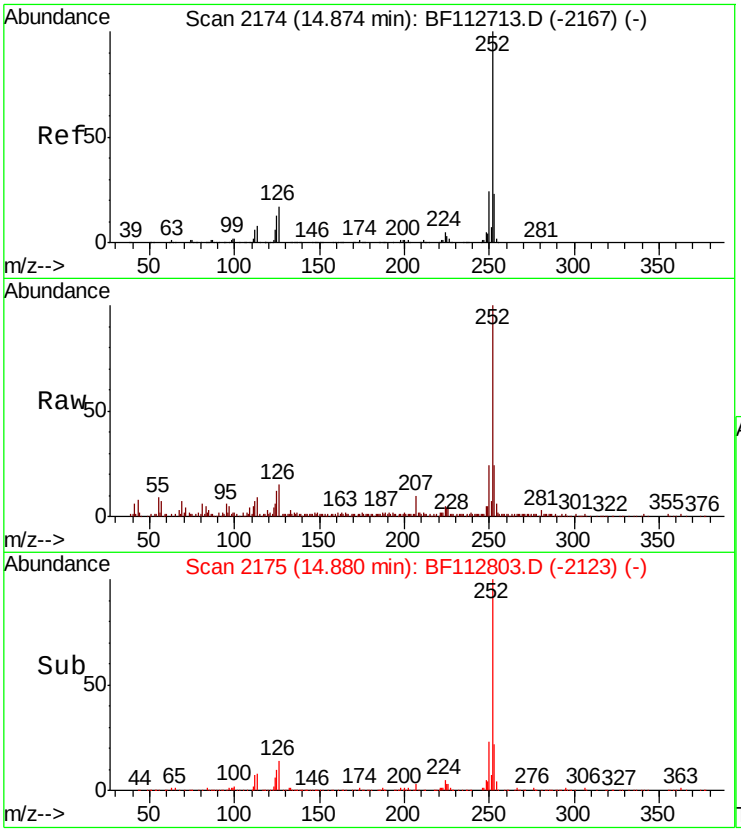


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Tgt Ion:264 Resp: 405701

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.3	17.2	25.8



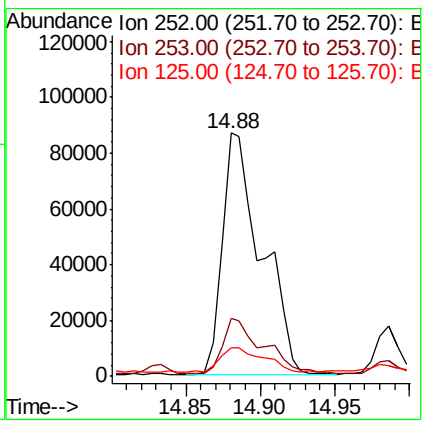


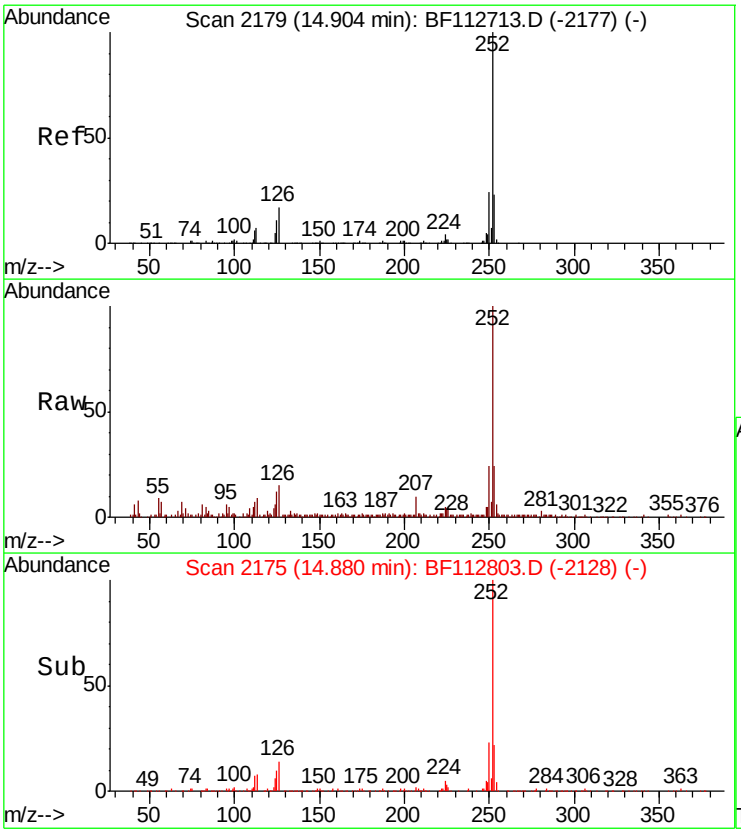
#88
Benzo(b)fluoranthene
Concen: 6.070 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

Tgt Ion:252 Resp: 159279

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	11.8	10.2	15.2

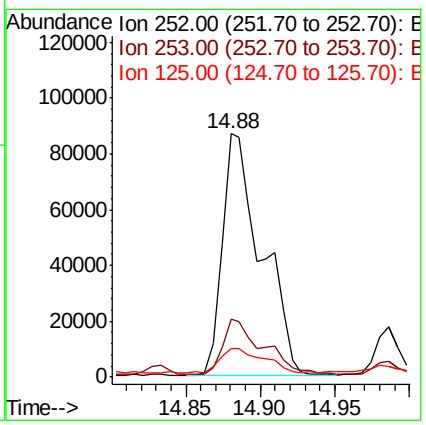


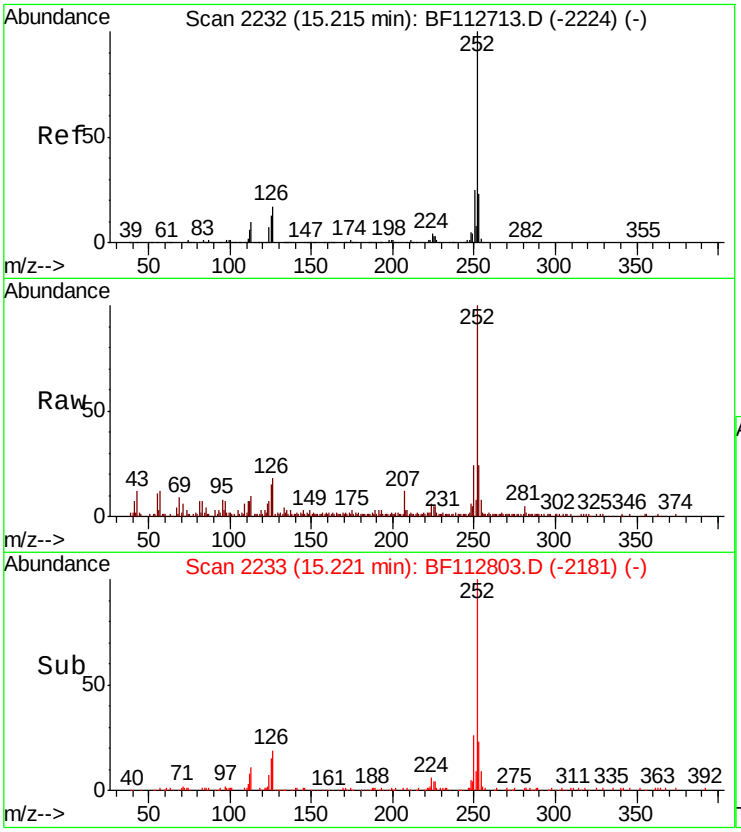


#89
Benzo(k)fluoranthene
Concen: 6.701 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Tgt Ion:252 Resp: 159279

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	11.8	9.8	14.6





#90
Benzo(a)pyrene
Concen: 3.078 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

Tgt Ion:252 Resp: 71433

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	14.7	10.7	16.1