Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
Data File : BF112818.D
Acq On : 4 Mar 2019 12:29
Operator : JU/SJ
Sample : K1670-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Mar 05 00:35:07 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	185039	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	715858	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	328228	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	607034	20.00	ng		0.00
76) Chrysene-d12	13.88	240	443868	20.00	ng		0.00
87) Perylene-d12	15.29	264	471811	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1032966	86.84	ng		0.01
7) Phenol-d6	6.38	99	1340408	89.70	ng		0.01
23) Nitrobenzene-d5	7.30	82	820626	68.60	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	371602	106.64	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1450491	69.86	ng		0.00
79) Terphenyl-d14	12.83	244	1254029	54.77	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	110914	11.720	ng	#	75
25) Isophorone	7.30	82	817617	31.724	ng	#	66
50) Dimethylphthalate	9.49	163	127926	5.286	ng		100
57) 2,4-Dinitrotoluene	9.77	165	42660	6.810	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.56	198	638	4.844	ng	#	1
67) 4-Bromophenyl-phenylether	10.56	248	21416	3.349	ng	#	1
71) Phenanthrene	11.27	178	126555	4.190	ng		98
75) Fluoranthene	12.46	202	370113	11.438	ng		97
78) Pyrene	12.69	202	319684	8.543	ng		98
81) Benzo(a)anthracene	13.87	228	215841	7.016	ng		96
83) Chrysene	13.90	228	208055	6.904	ng		96
86) Indeno(1,2,3-cd)pyrene	16.65	276	90360	3.517	ng	#	94
88) Benzo(b)fluoranthene	14.89	252	342171	11.212	ng		98
89) Benzo(k)fluoranthene	14.89	252	342171	12.378	ng		98
90) Benzo(a)pyrene	15.23	252	167029	6.188	ng		99
92) Benzo(g,h,i)perylene	17.06	276	71635	3.097	ng		95

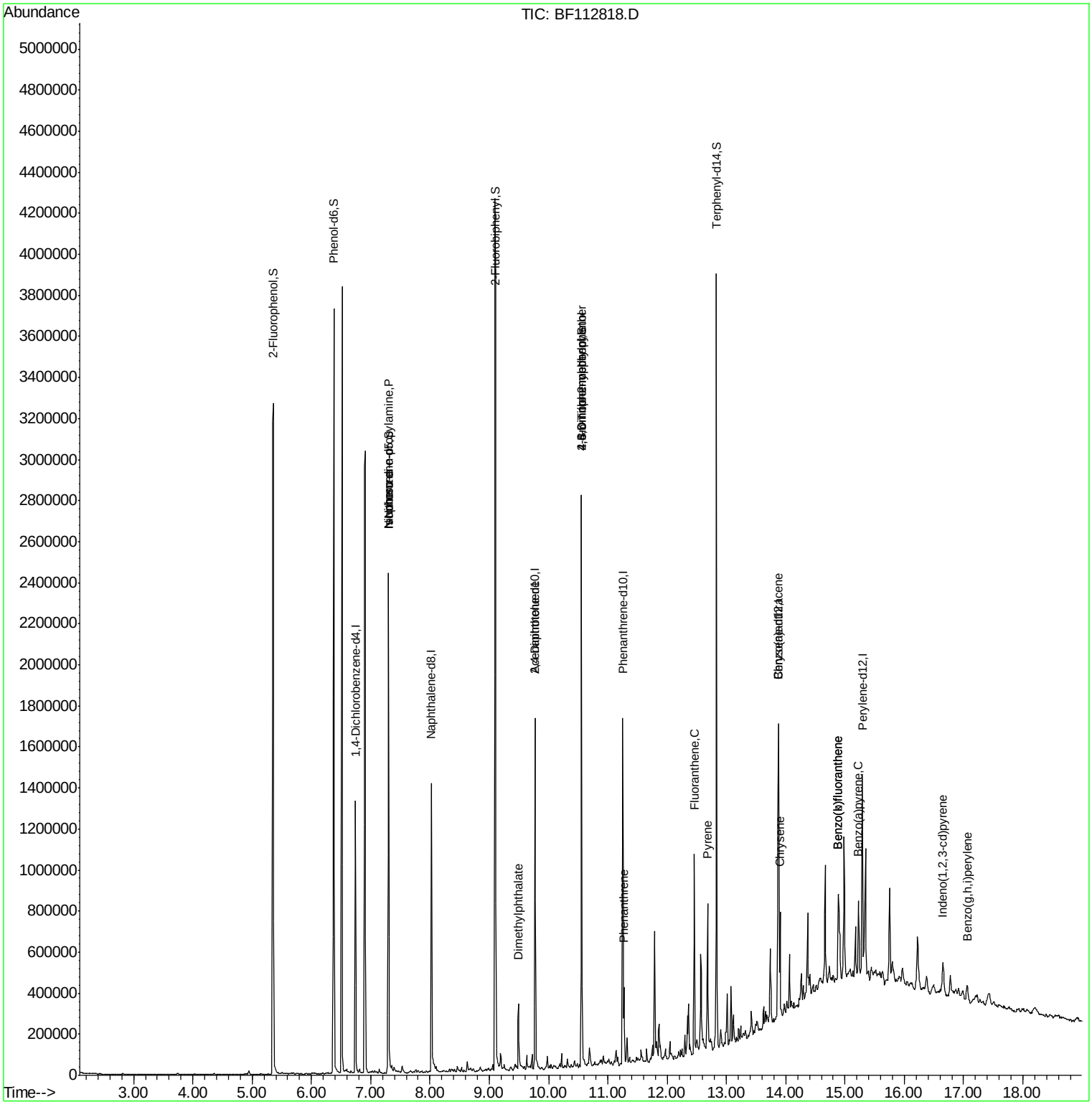
(#) = qualifier out of range (m) = manual integration (+) = signals summed

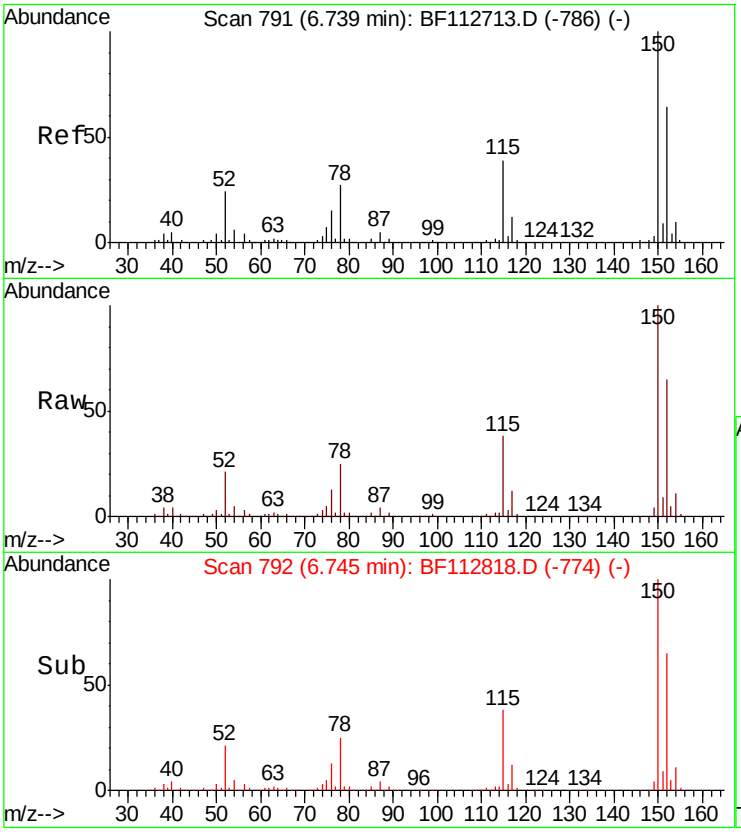
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
Data File : BF112818.D
Acq On : 4 Mar 2019 12:29
Operator : JU/SJ
Sample : K1670-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Mar 05 00:35:07 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



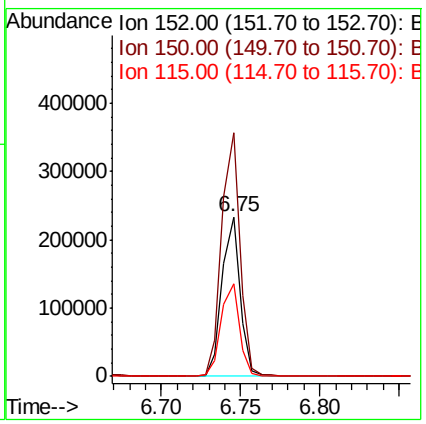


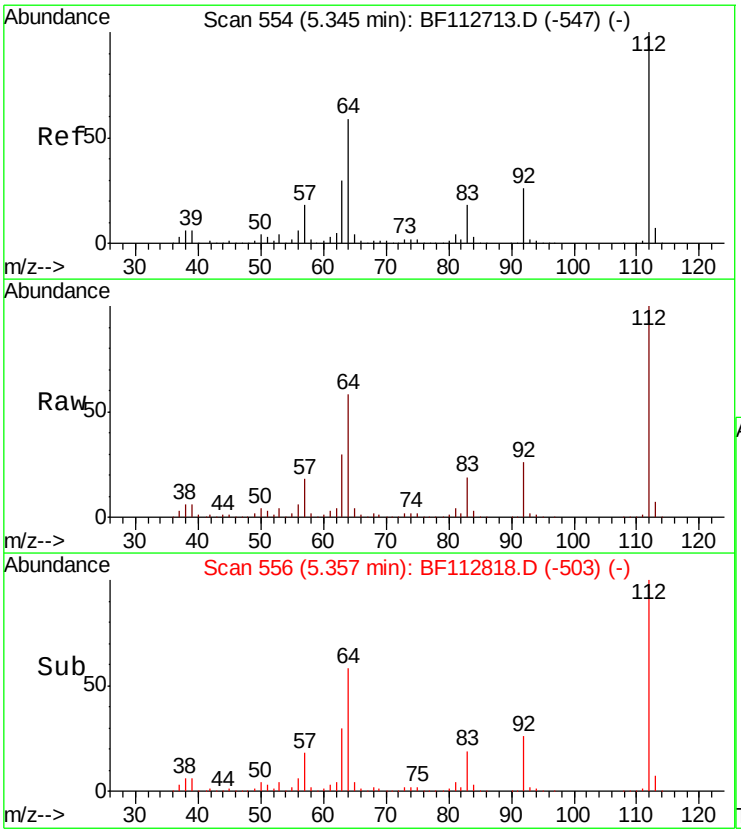
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

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

Tgt Ion:152 Resp: 185039

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.2	186.2
115	57.9	48.2	72.4

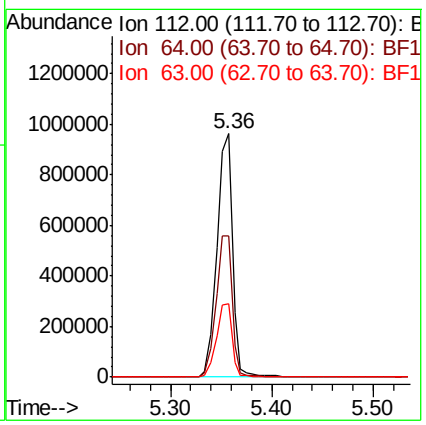


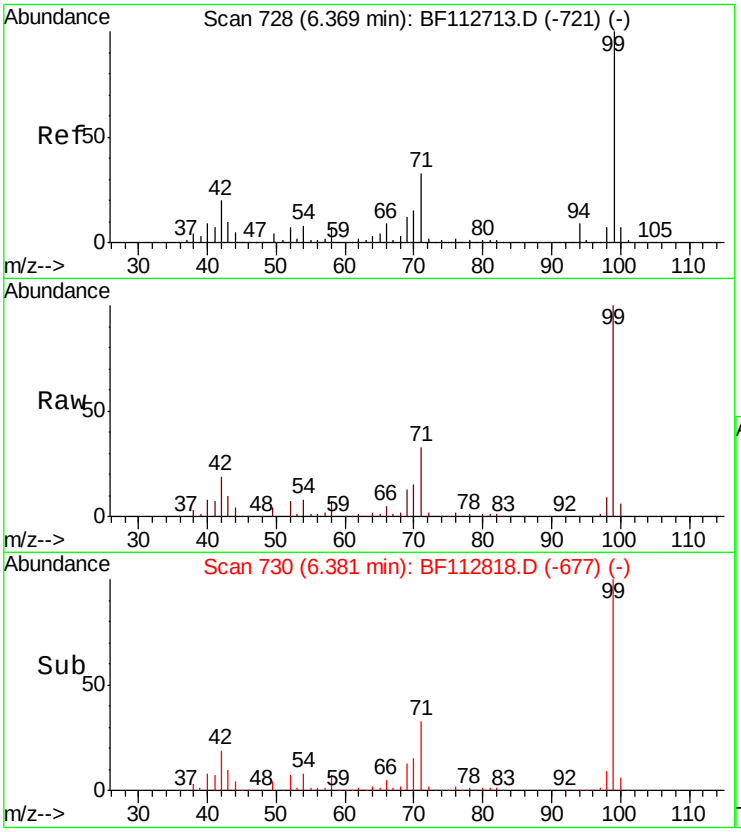


#5
2-Fluorophenol
Concen: 86.837 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

Tgt Ion:112 Resp: 1032966

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.6	71.4
63	30.0	24.4	36.6



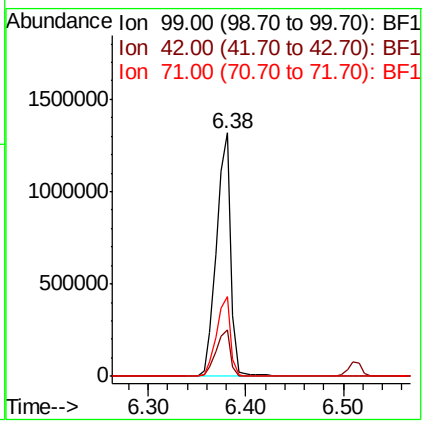


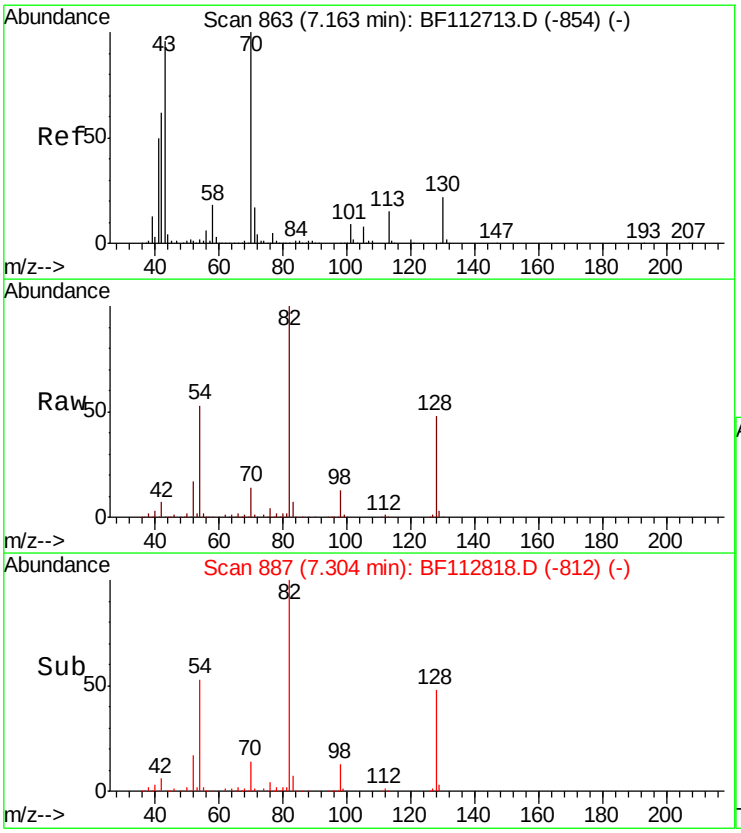
#7
Phenol-d6
Concen: 89.704 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

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

Tgt Ion: 99 Resp: 1340408

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.3	24.5
71	32.9	26.2	39.4

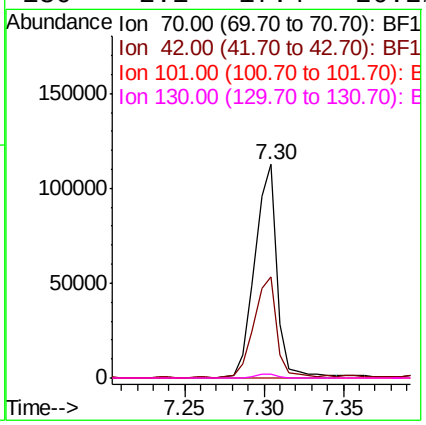


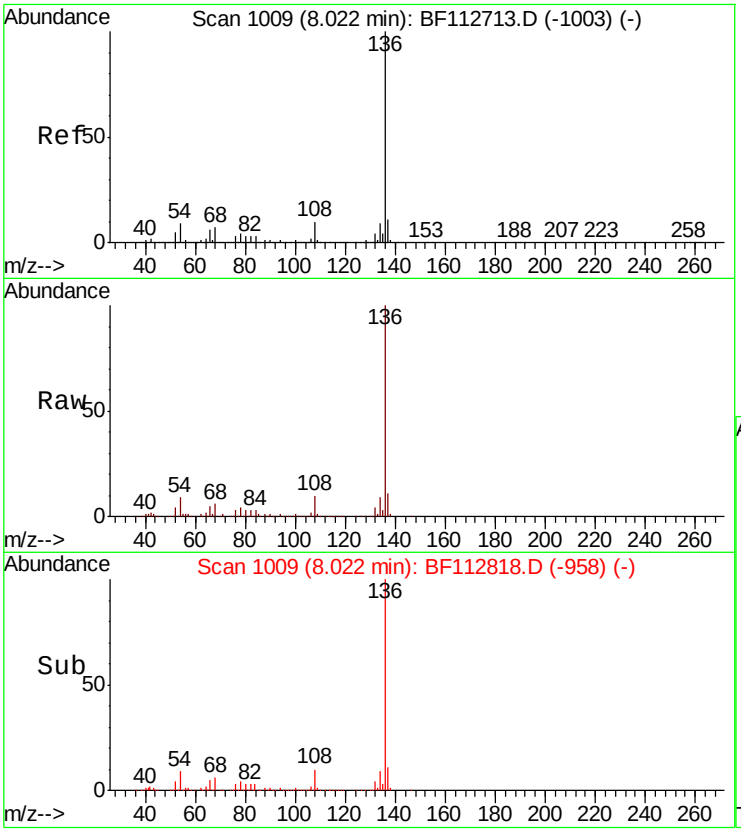


#19
n-Nitroso-di-n-propylamine
Concen: 11.720 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

Tgt Ion: 70 Resp: 110914

Ion	Ratio	Lower	Upper
70	100		
42	47.5	49.9	74.9#
101	0.0	7.4	11.2#
130	2.1	17.4	26.2#



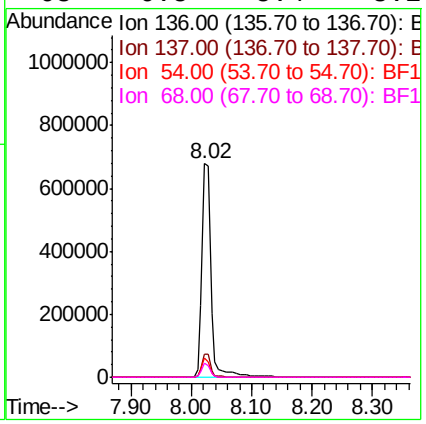


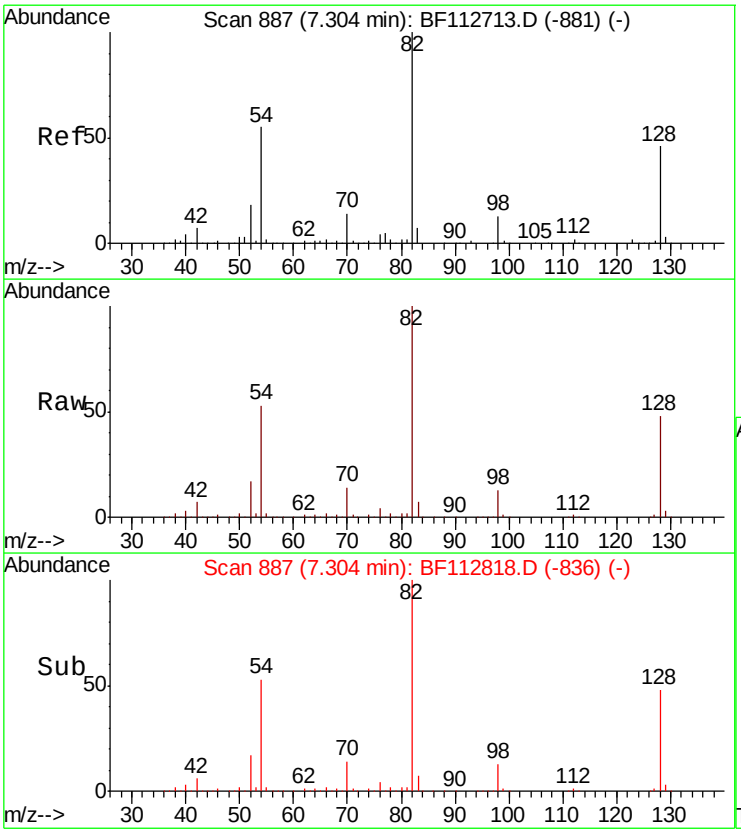
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

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

Tgt Ion:136 Resp: 715858

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.0	7.3	10.9
68	6.5	5.4	8.2

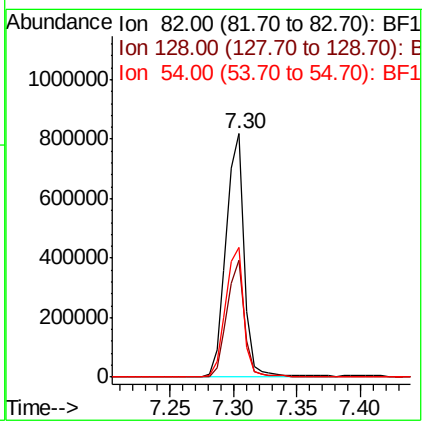


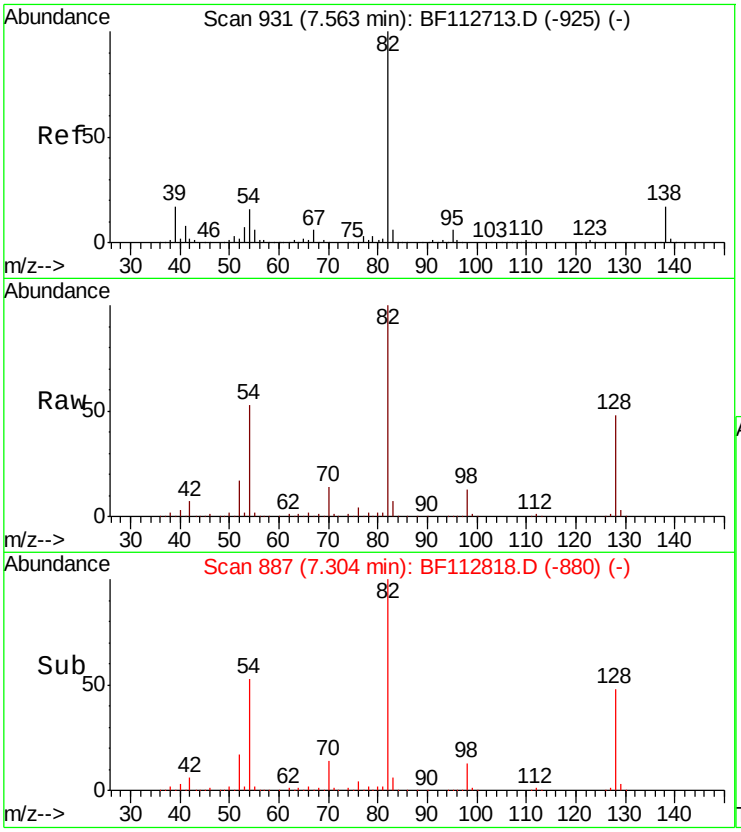


#23
Nitrobenzene-d5
Concen: 68.595 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

Tgt Ion: 82 Resp: 820626

Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.3	54.5
54	53.1	43.7	65.5



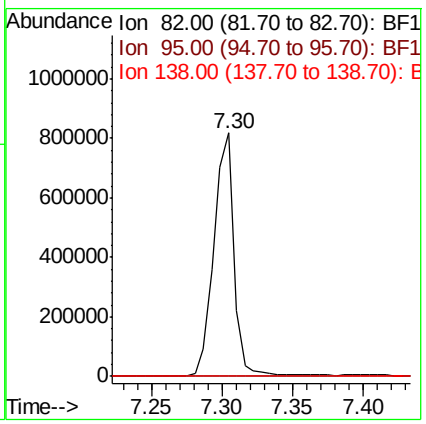


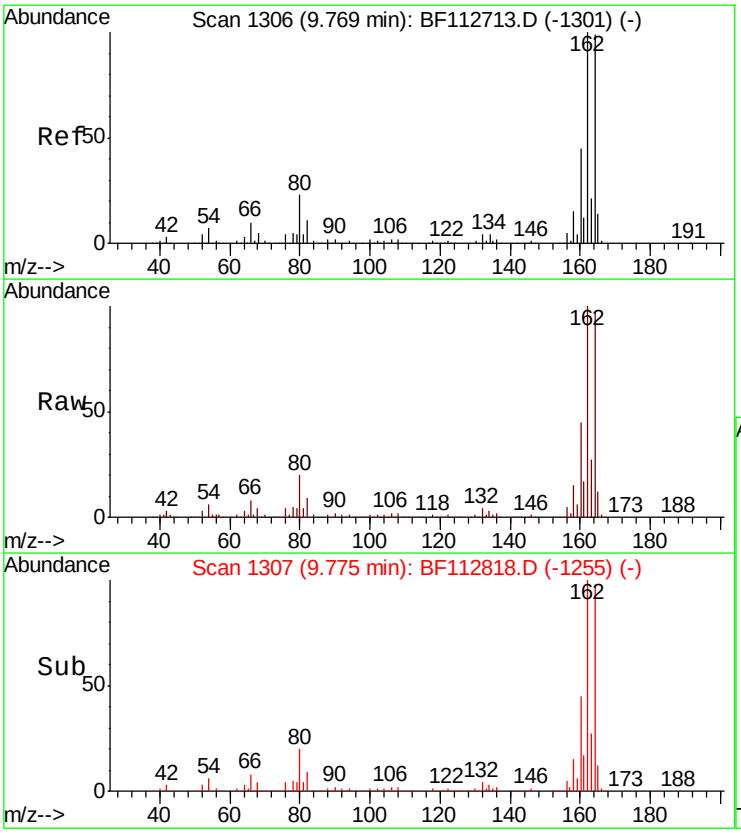
#25
Isophorone
Concen: 31.724 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.26 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

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

Tgt Ion: 82 Resp: 817617

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

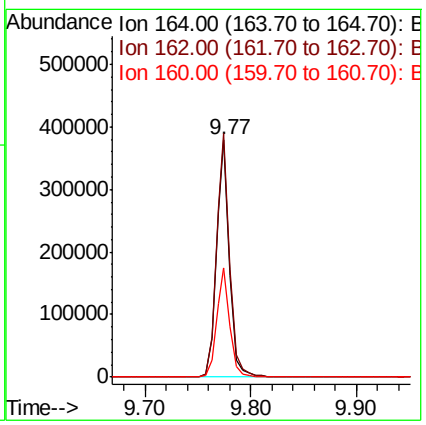


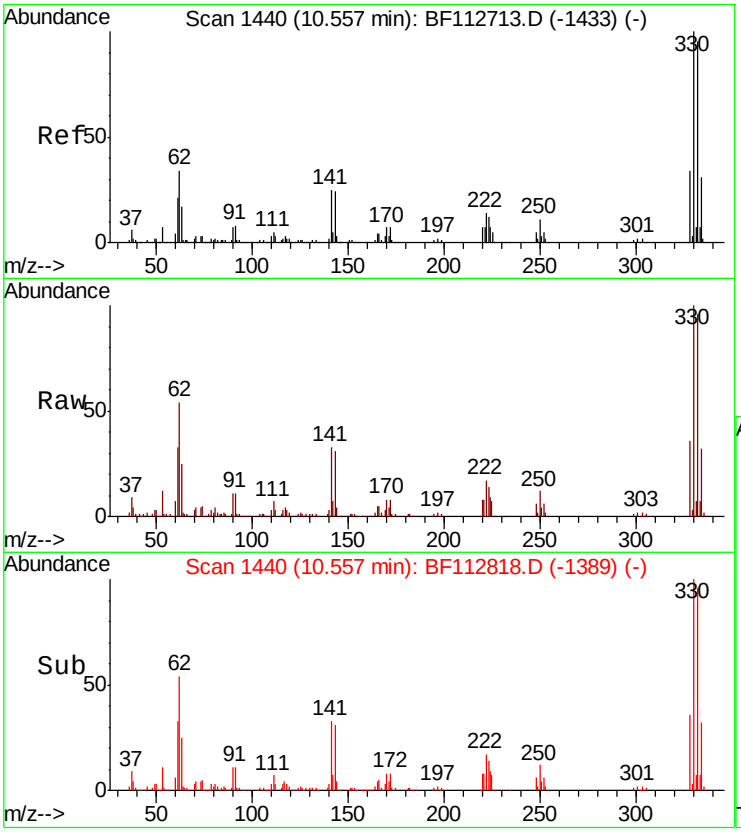


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

Tgt Ion:164 Resp: 328228

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	120.8
160	46.0	36.0	54.0



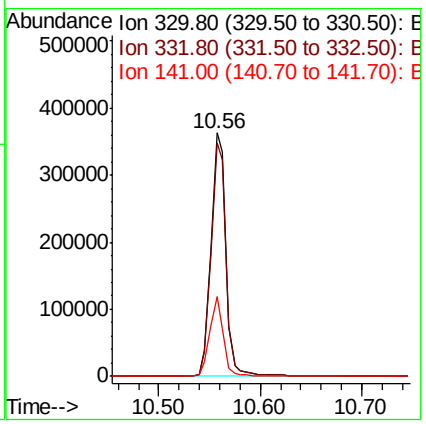


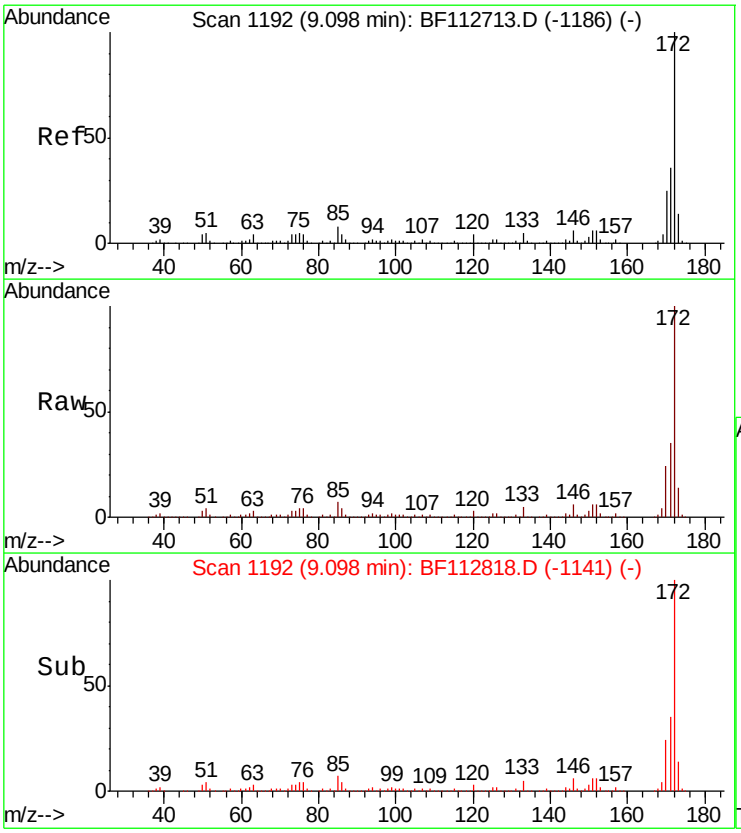
#42
2,4,6-Tribromophenol
Concen: 106.643 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

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

Tgt Ion:330 Resp: 371602

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.2	114.4
141	30.6	27.0	40.6

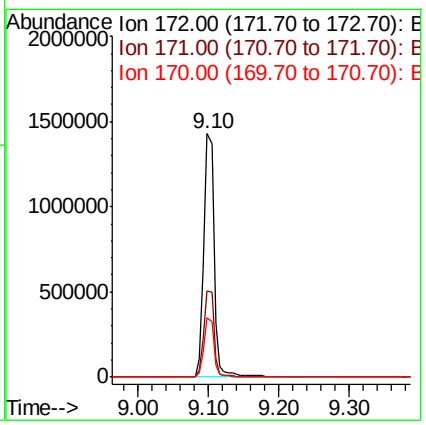


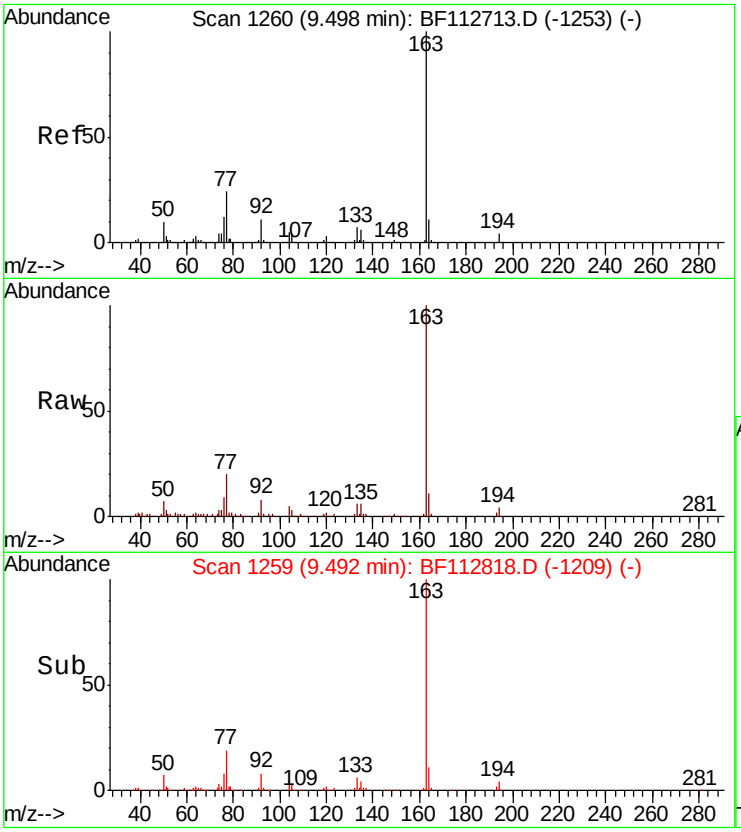


#45
2-Fluorobiphenyl
Concen: 69.858 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

Tgt Ion:172 Resp: 1450491

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.4
170	24.3	20.0	30.0



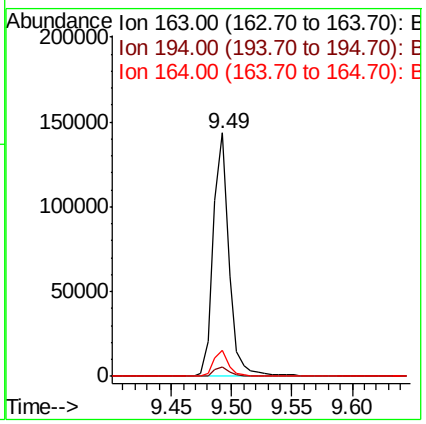


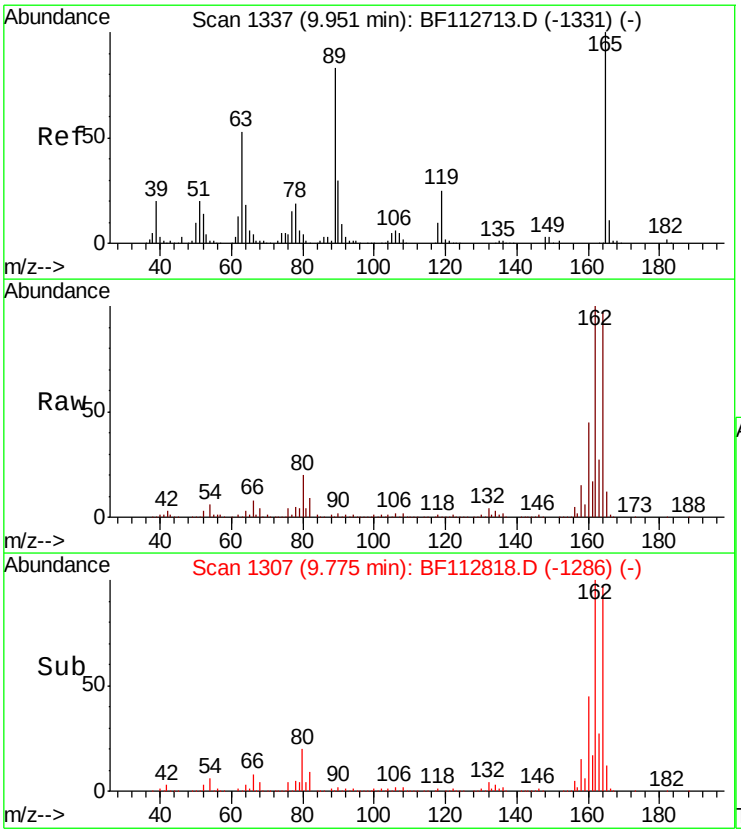
#50
Dimethylphthalate
Concen: 5.286 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

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

Tgt Ion:163 Resp: 127926

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.5	8.4	12.6

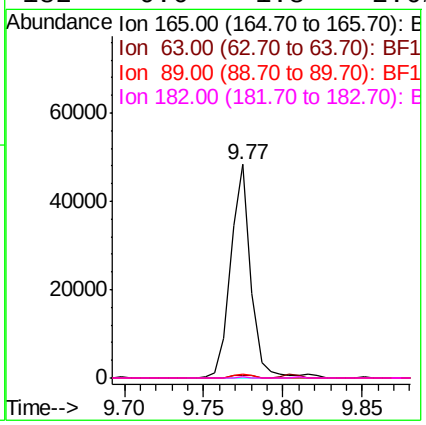


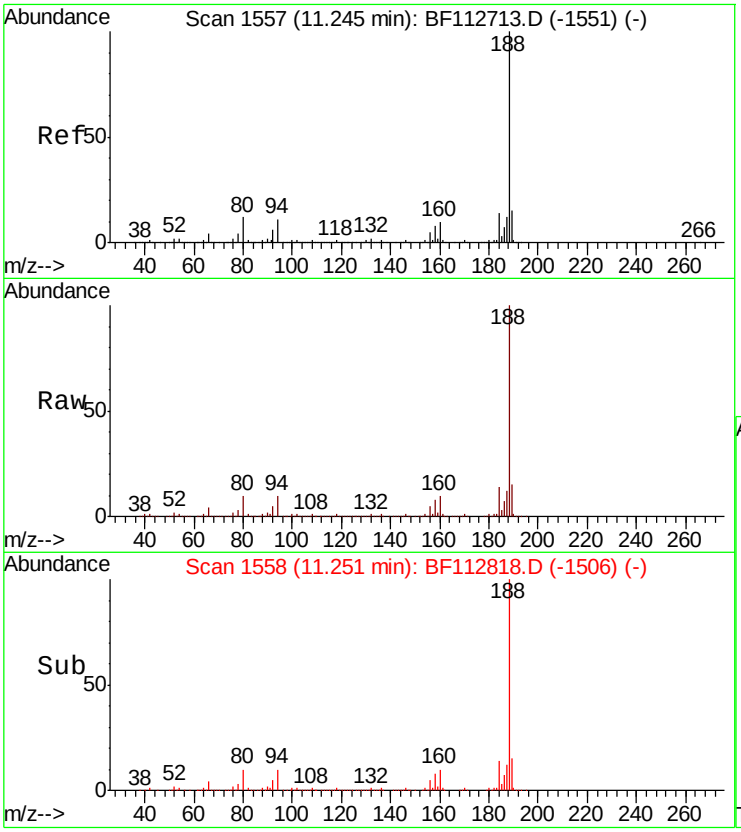


#57
2,4-Dinitrotoluene
Concen: 6.810 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

Tgt Ion:165 Resp: 42660

Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.2	63.2#
89	2.0	66.2	99.4#
182	0.6	1.8	2.6#



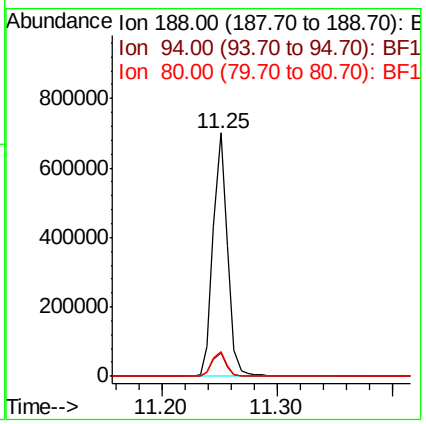


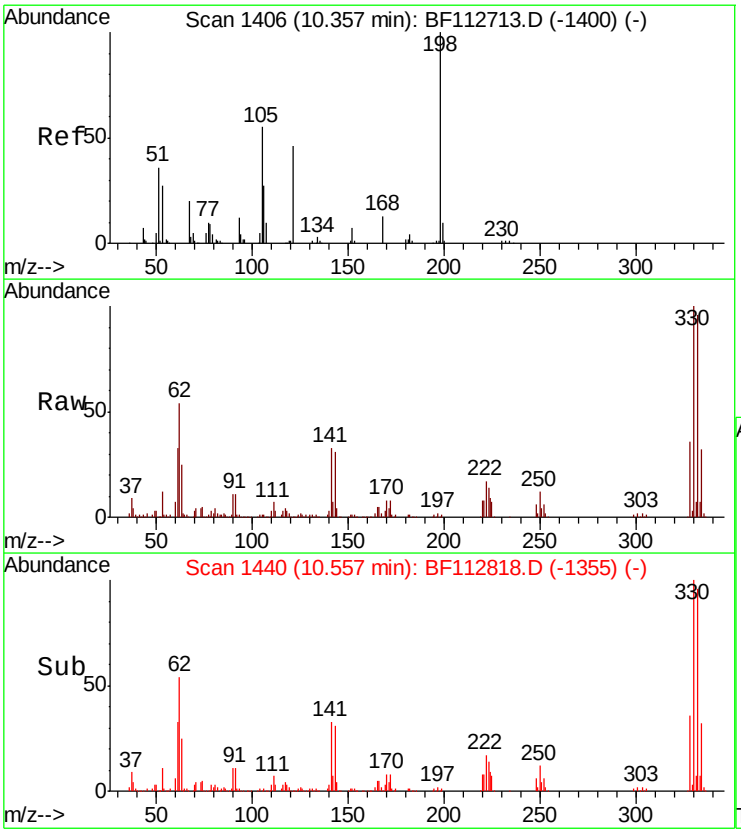
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

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

Tgt Ion:188 Resp: 607034

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	10.2	9.2	13.8

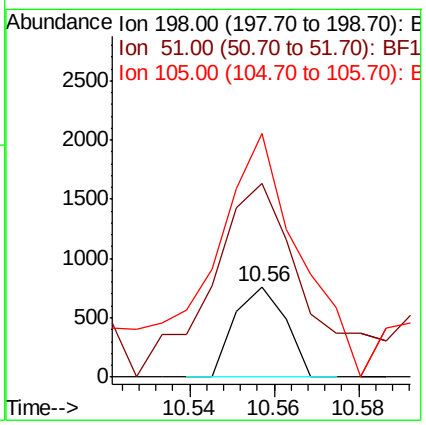


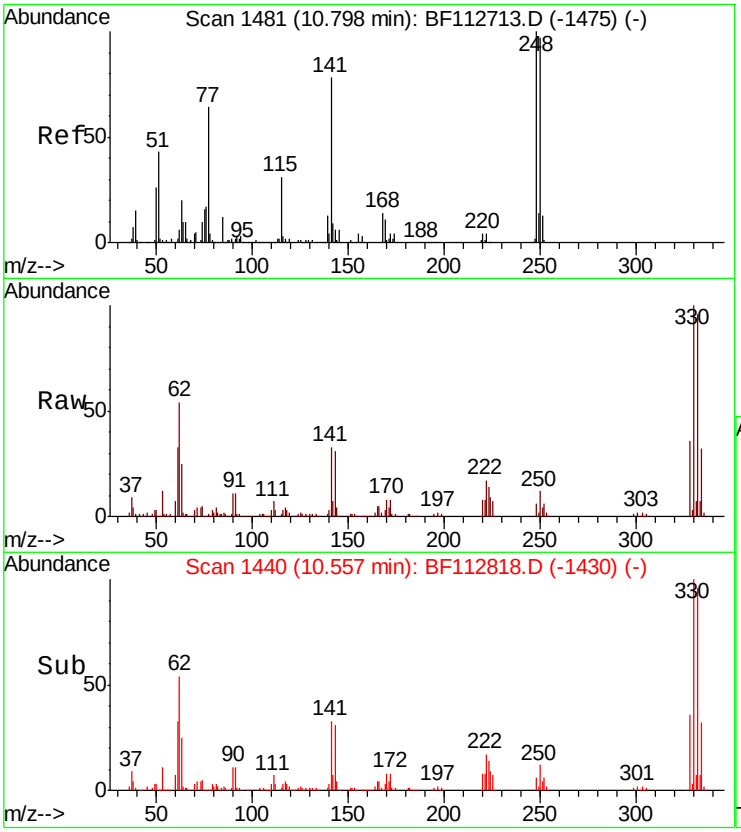


#65
4,6-Dinitro-2-methylphenol
Concen: 4.844 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.20 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

Tgt Ion:198 Resp: 638

Ion	Ratio	Lower	Upper
198	100		
51	215.4	43.8	83.8#
105	269.9	36.5	76.5#



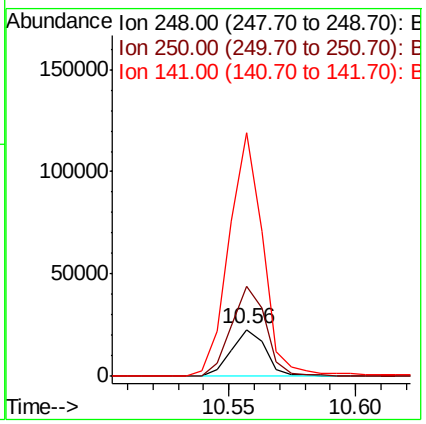


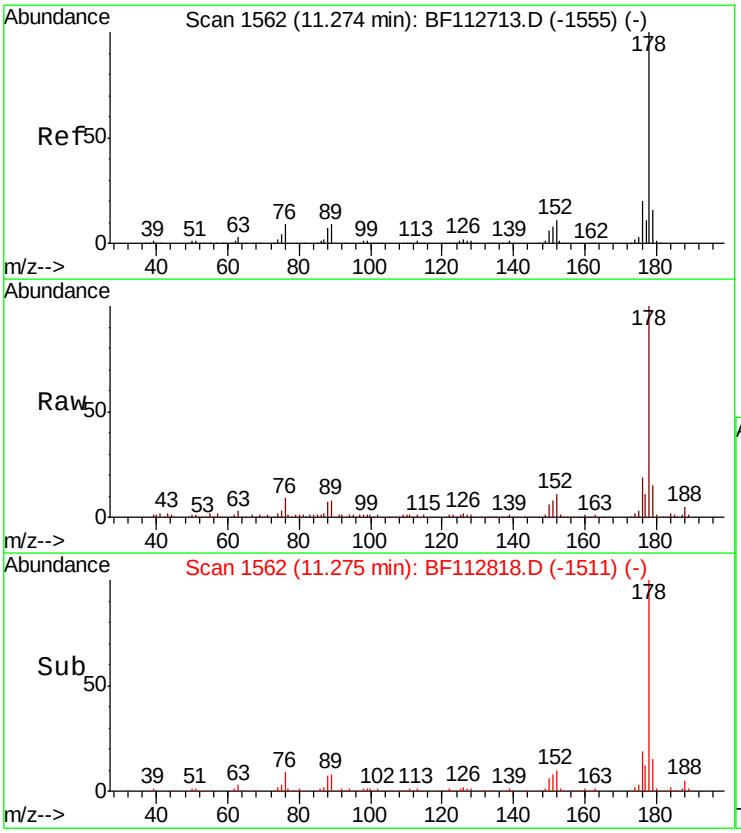
#67
4-Bromophenyl-phenylether
Concen: 3.349 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

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

Tgt Ion:248 Resp: 21416

Ion	Ratio	Lower	Upper
248	100		
250	191.9	77.5	116.3#
141	518.3	62.4	93.6#

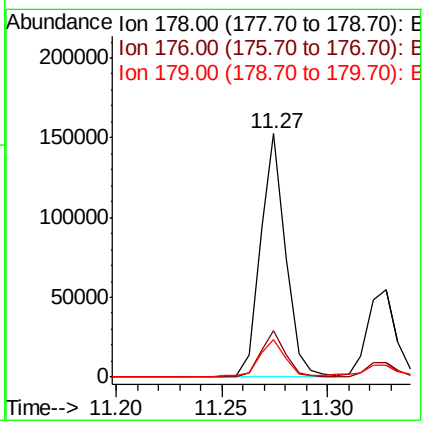


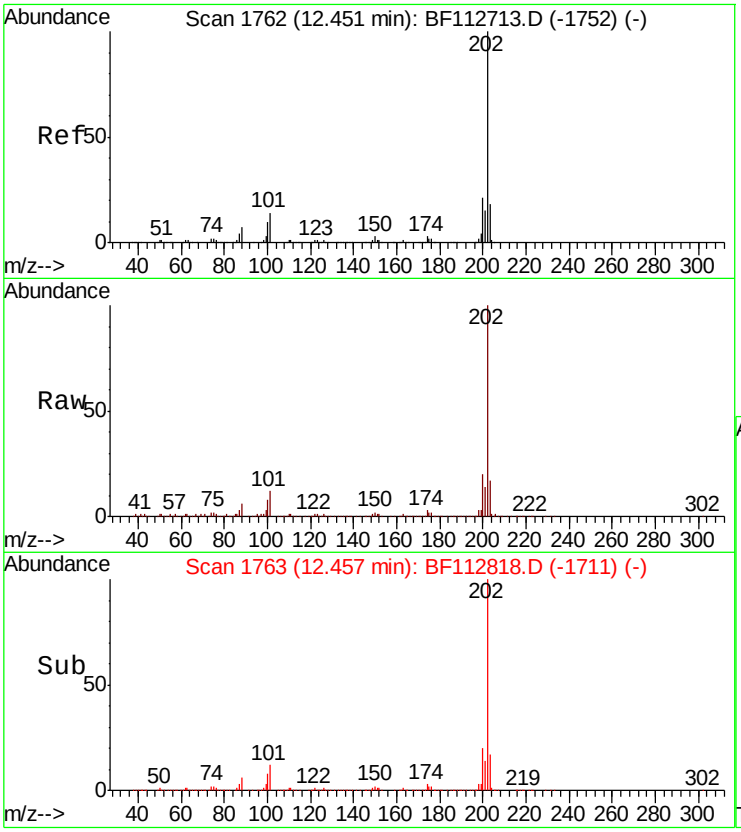


#71
Phenanthrene
Concen: 4.190 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

Tgt Ion:178 Resp: 126555

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.3	24.5
179	15.2	12.7	19.1



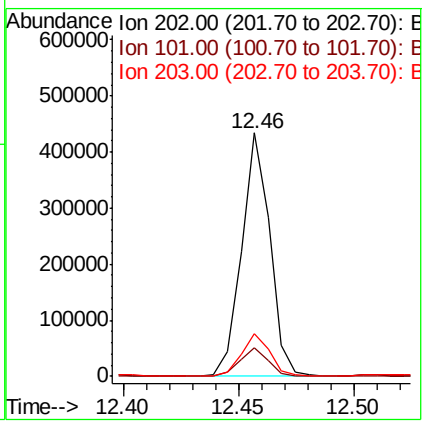


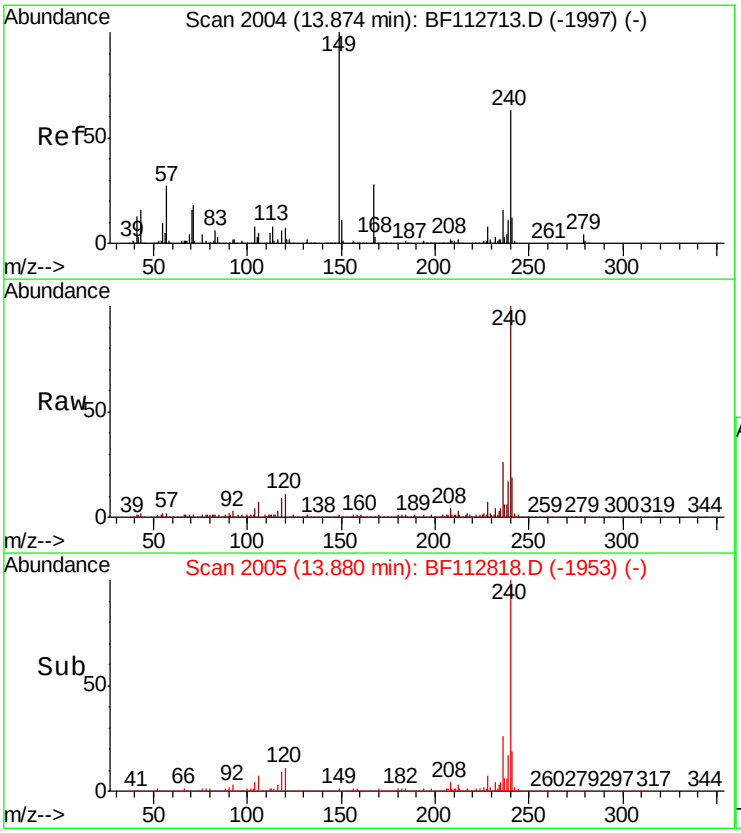
#75
Fluoranthene
Concen: 11.438 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

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

Tgt Ion:202 Resp: 370113

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.8
203	17.4	0.0	38.4

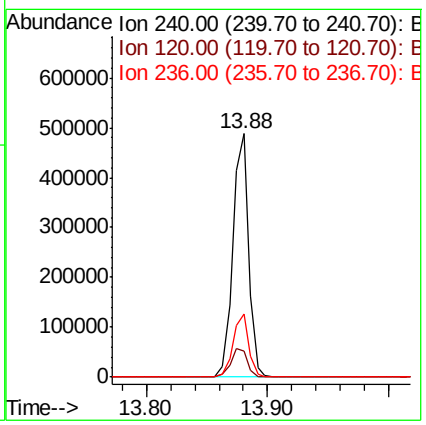


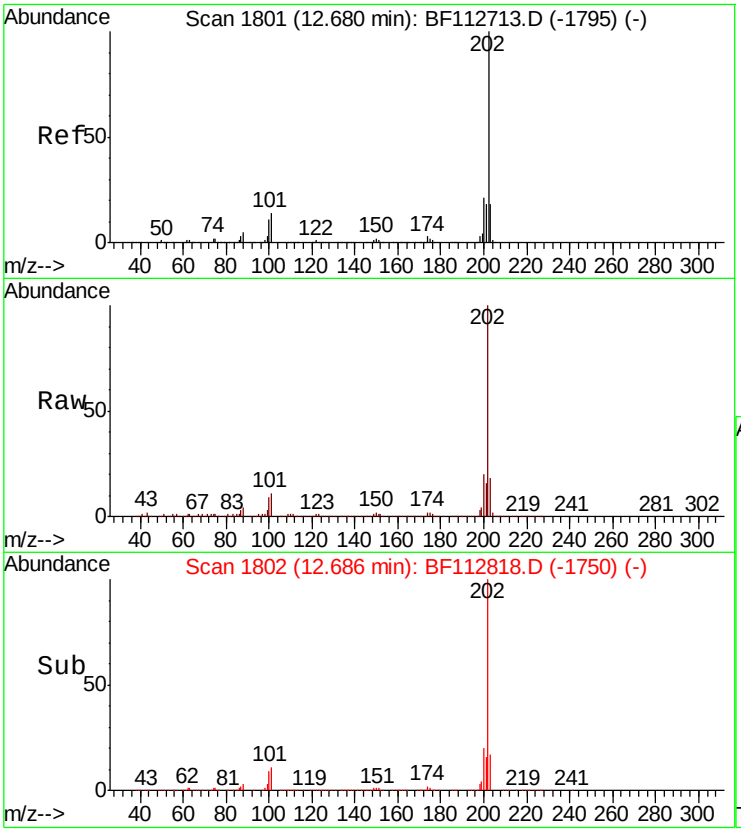


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

Tgt Ion:240 Resp: 443868

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	26.0	20.7	31.1



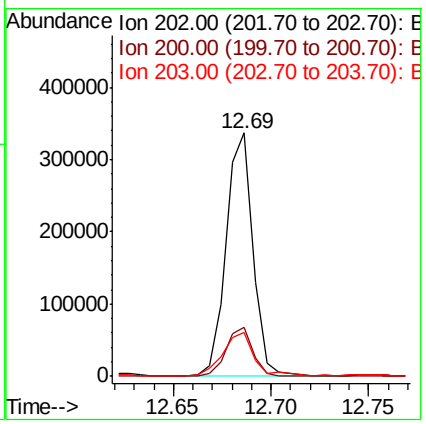


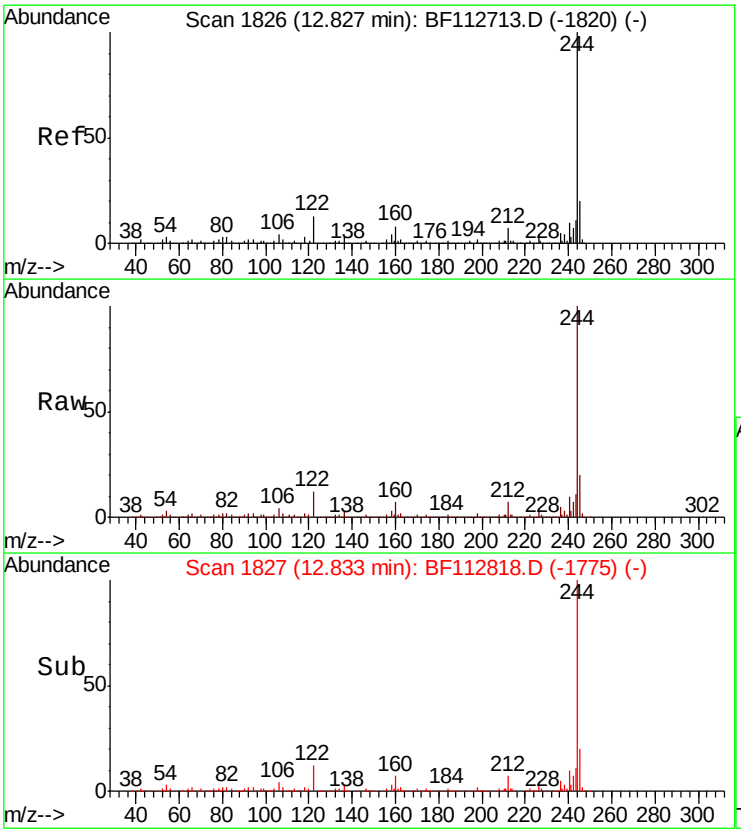
#78
Pyrene
Concen: 8.543 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

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

Tgt Ion:202 Resp: 319684

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.0	25.4
203	17.8	14.4	21.6

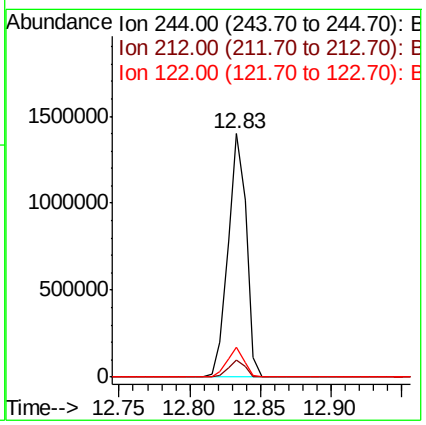


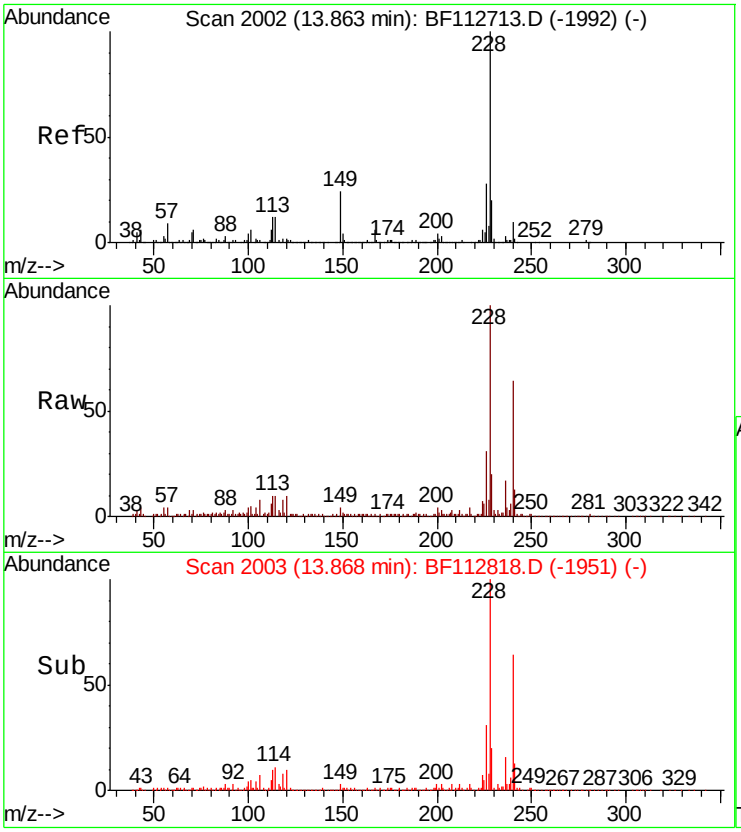


#79
Terphenyl-d14
Concen: 54.767 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

Tgt Ion:244 Resp: 1254029

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	12.1	10.5	15.7



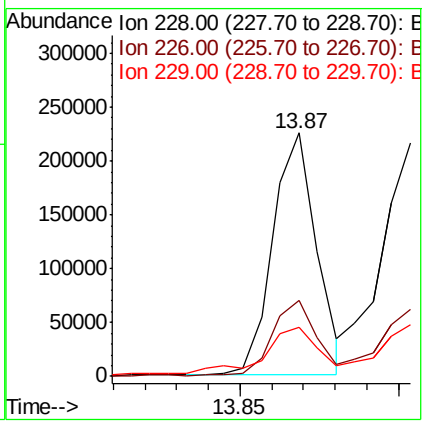


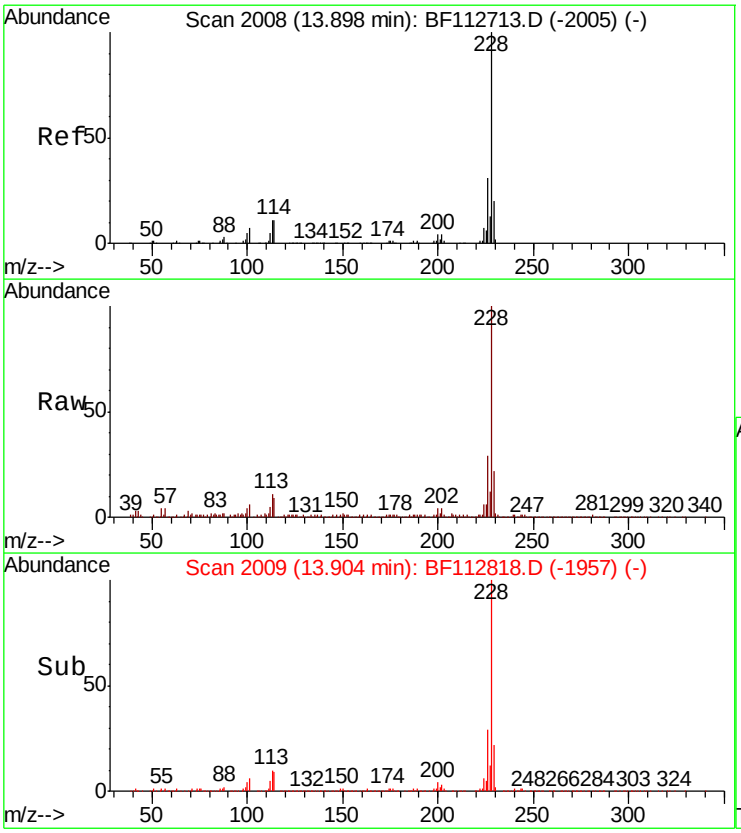
#81
Benzo(a)anthracene
Concen: 7.016 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

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

Tgt Ion:228 Resp: 215841

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.2	33.4
229	20.2	16.0	24.0

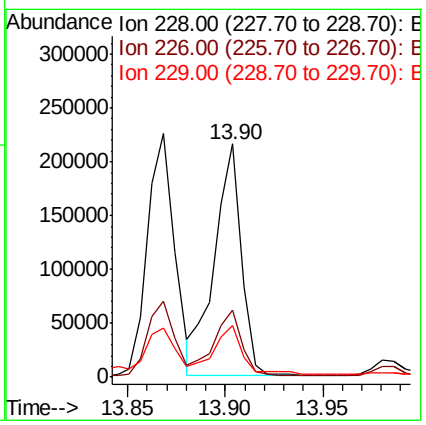


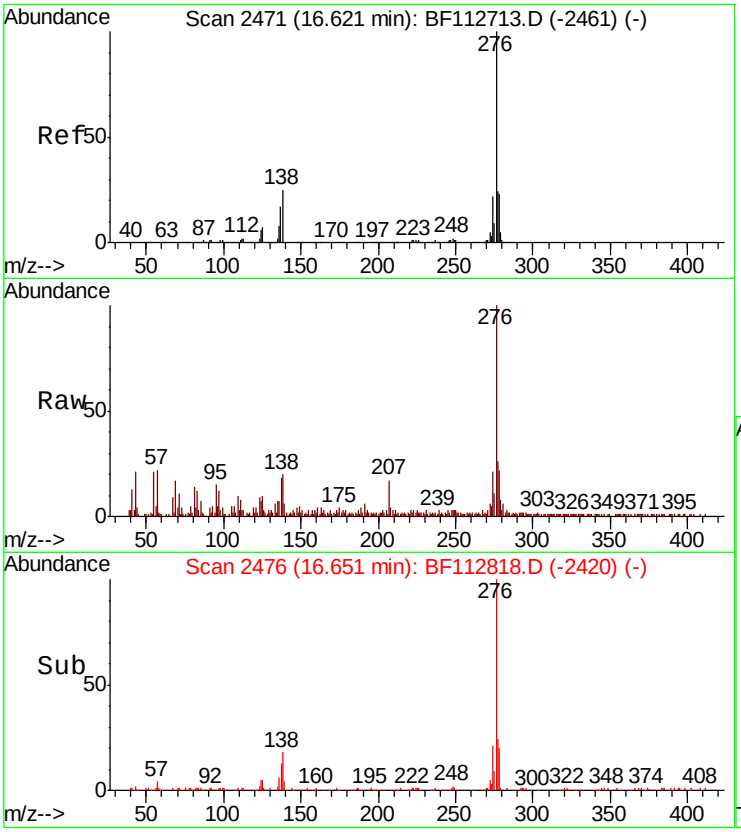


#83
Chrysene
Concen: 6.904 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

Tgt Ion:228 Resp: 208055

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.9	37.3
229	22.0	16.3	24.5



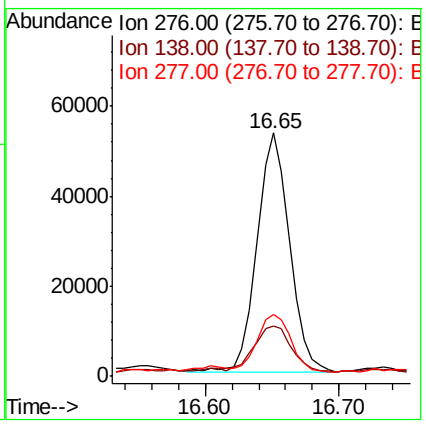


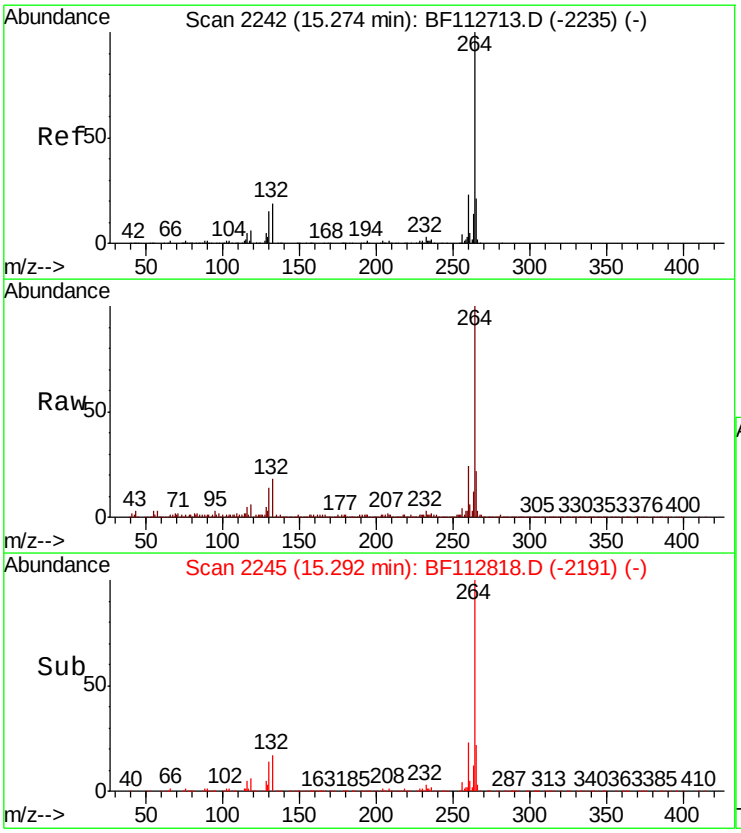
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.517 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.03 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

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

Tgt Ion:276 Resp: 90360

Ion	Ratio	Lower	Upper
276	100		
138	22.8	23.2	34.8#
277	24.6	19.9	29.9

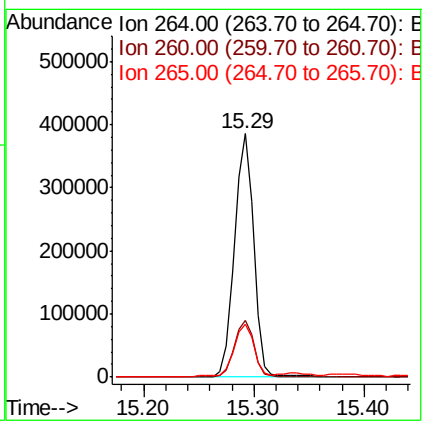


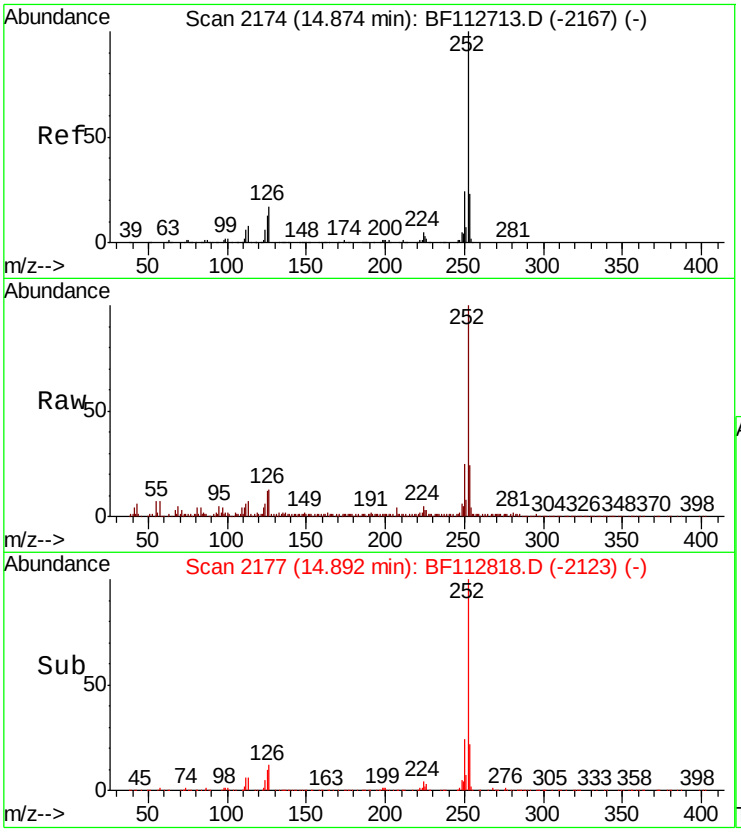


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

Tgt Ion:264 Resp: 471811

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.8	17.2	25.8



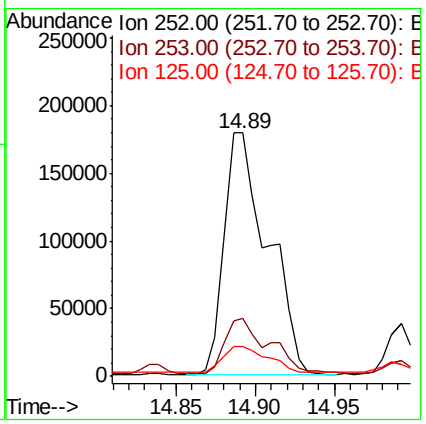


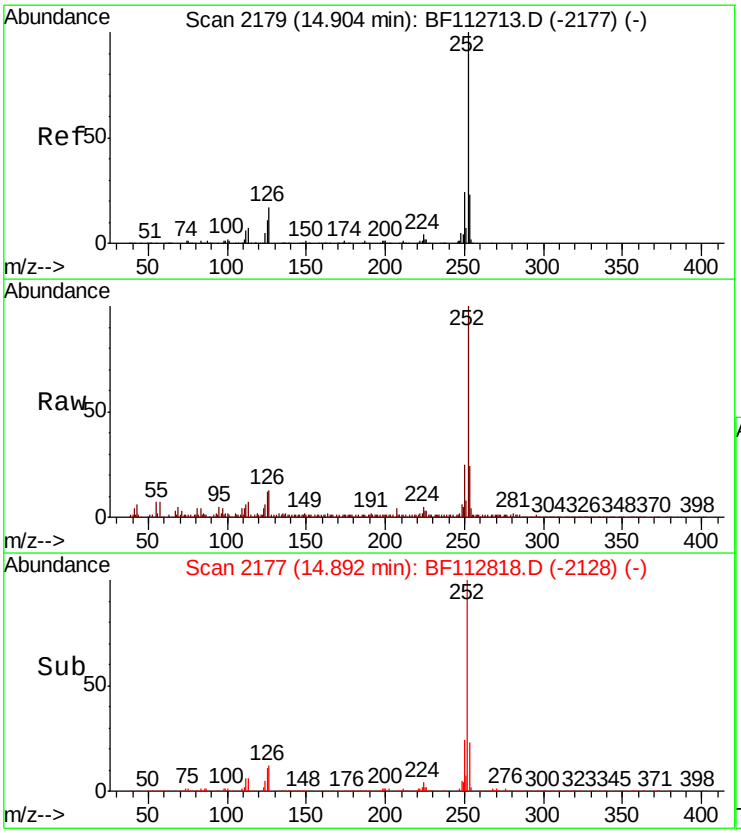
#88
Benzo(b)fluoranthene
Concen: 11.212 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

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

Tgt Ion:252 Resp: 342171

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	12.0	10.2	15.2

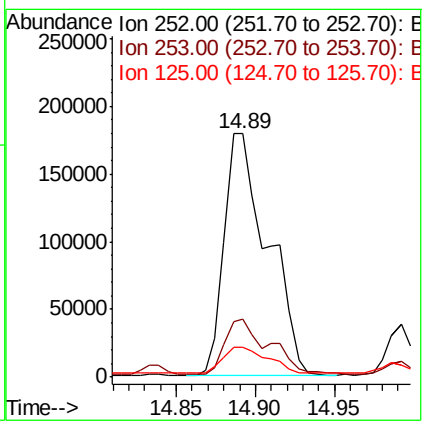


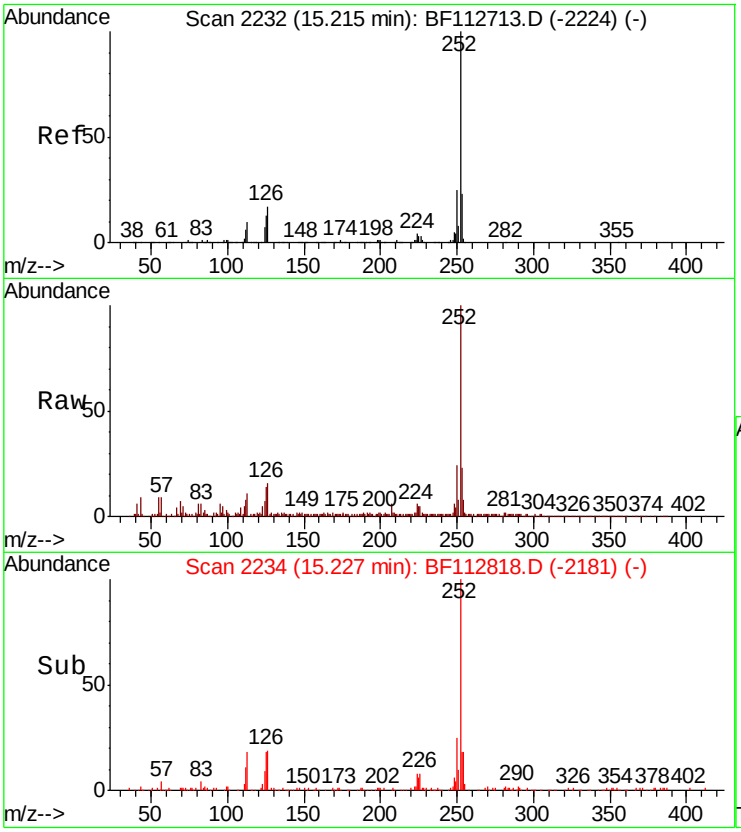


#89
Benzo(k)fluoranthene
Concen: 12.378 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

Tgt Ion:252 Resp: 342171

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	12.0	9.8	14.6



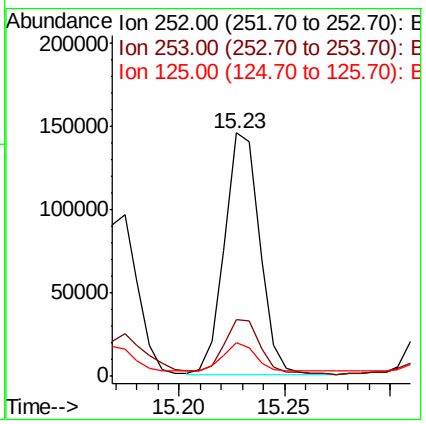


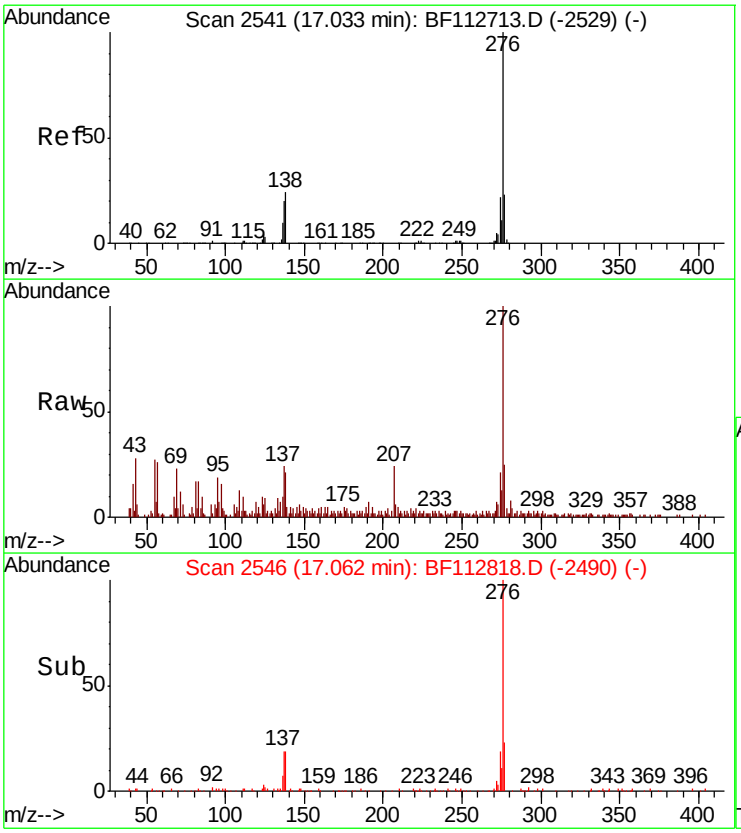
#90
Benzo(a)pyrene
Concen: 6.188 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

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

Tgt Ion:252 Resp: 167029

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	13.8	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 3.097 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.03 min
Lab File: BF112818.D
Acq: 4 Mar 2019 12:29

Tgt Ion:276 Resp: 71635

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.6	27.8
138	21.4	19.4	29.0