Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
Data File : BF110869.D
Acq On : 19 Nov 2018 23:24
Operator : JU/SJ
Sample : J5970-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-028-A

Quant Time: Nov 20 00:37:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	61714	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	240263	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	98852	20.00	ng		-0.01
64) Phenanthrene-d10	11.48	188	156258	20.00	ng		0.00
76) Chrysene-d12	14.13	240	130035	20.00	ng		0.00
87) Perylene-d12	15.67	264	82714	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	389997	102.65	ng		0.00
7) Phenol-d6	6.57	99	491725	101.21	ng		0.00
23) Nitrobenzene-d5	7.50	82	307574	73.72	ng		-0.01
42) 2,4,6-Tribromophenol	10.78	330	87117	87.46	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	531989	76.86	ng		0.00
79) Terphenyl-d14	13.06	244	408597	58.85	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	1095	Below Cal		#	1
10) Phenol	6.58	94	25791	4.578	ng	#	78
19) n-Nitroso-di-n-propylamine	7.50	70	42230	13.617	ng	#	79
25) Isophorone	7.50	82	307570	44.980	ng	#	67
50) Dimethylphthalate	9.69	163	110240	14.946	ng		99
57) 2,4-Dinitrotoluene	9.98	165	13440	6.370	ng	#	17
67) 4-Bromophenyl-phenylether	10.78	248	5383	3.117	ng	#	1
71) Phenanthrene	11.50	178	73822	8.818	ng		97
72) Anthracene	11.56	178	25589	3.030	ng		98
75) Fluoranthene	12.70	202	138907	16.550	ng		99
78) Pyrene	12.93	202	125405	12.525	ng		97
81) Benzo(a)anthracene	14.12	228	66310	8.532	ng		98
83) Chrysene	14.16	228	54394	7.346	ng		97
86) Indeno(1,2,3-cd)pyrene	17.25	276	20683	3.892	ng		95
88) Benzo(b)fluoranthene	15.21	252	71981	14.547	ng		97
89) Benzo(k)fluoranthene	15.21	252	71981	14.722	ng	#	96
90) Benzo(a)pyrene	15.60	252	36684	8.160	ng	#	97
92) Benzo(g,h,i)perylene	17.74	276	19773	5.238	ng	#	89

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

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QLast Update : Tue Nov 13 12:43:10 2018
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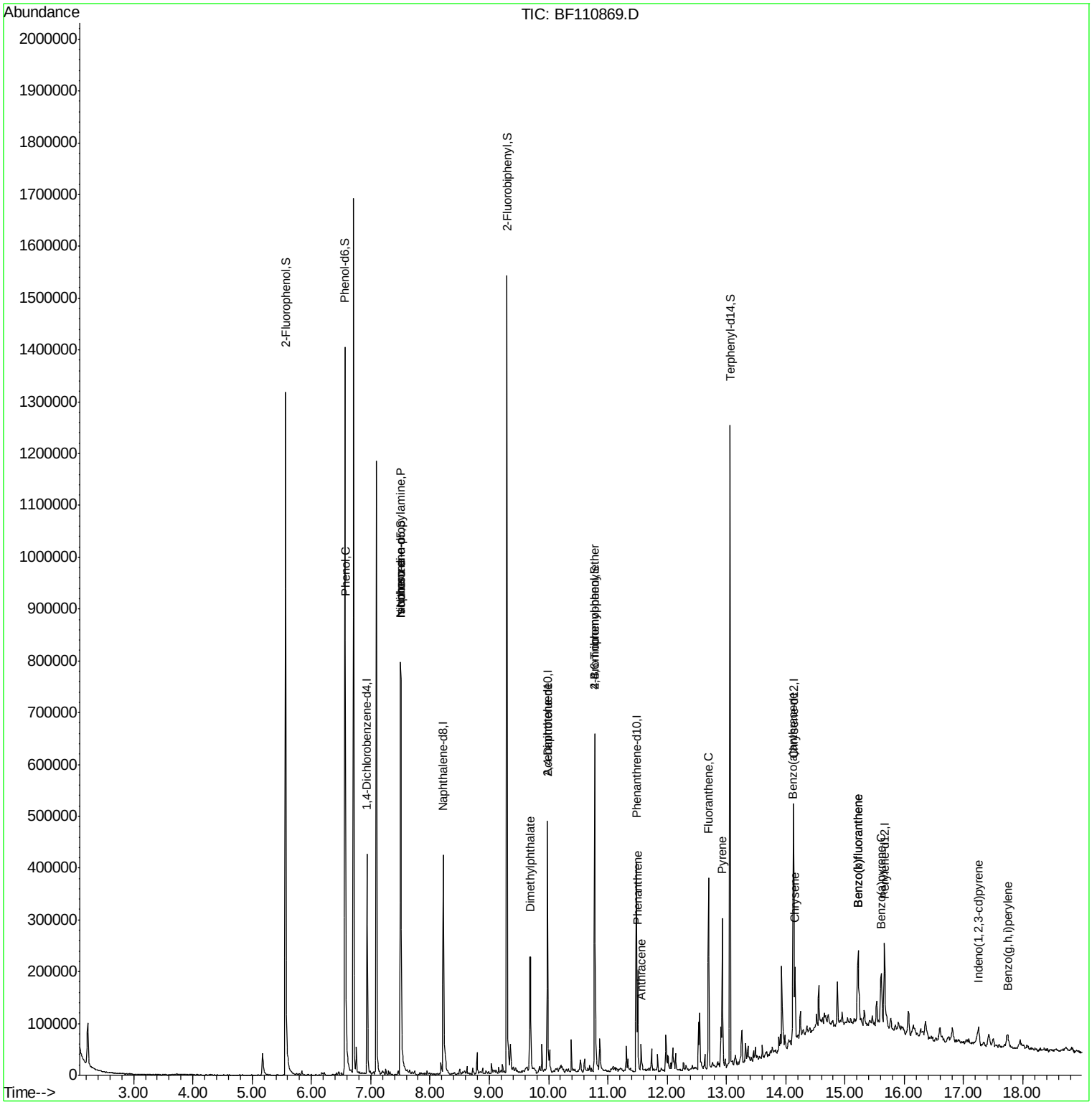
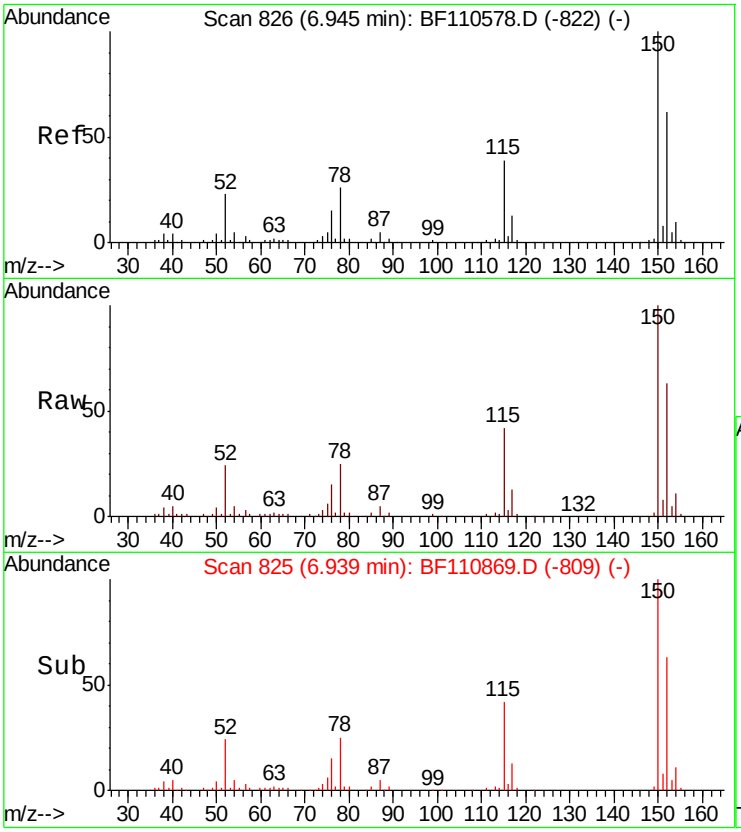


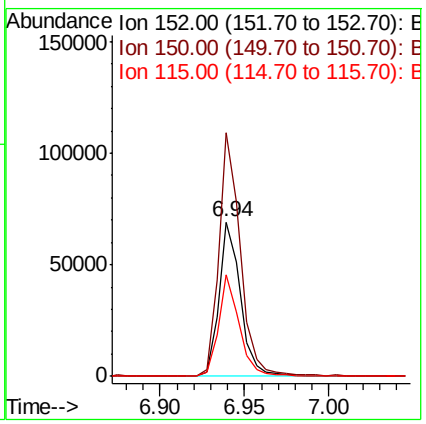


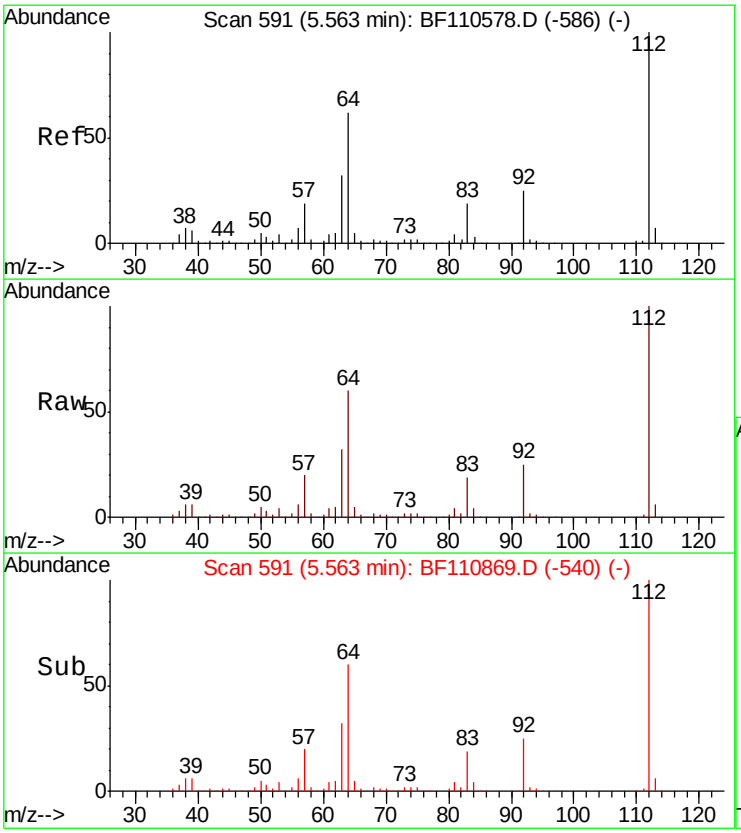
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

Tgt Ion:152 Resp: 61714

Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.7	184.1
115	65.6	49.1	73.7

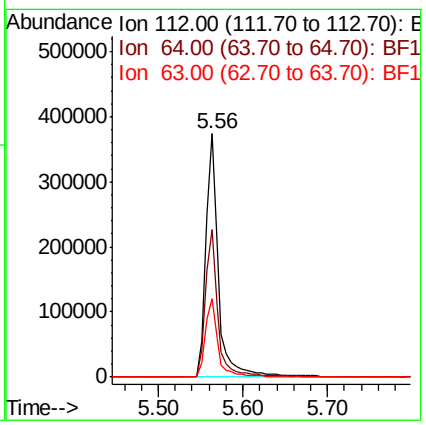


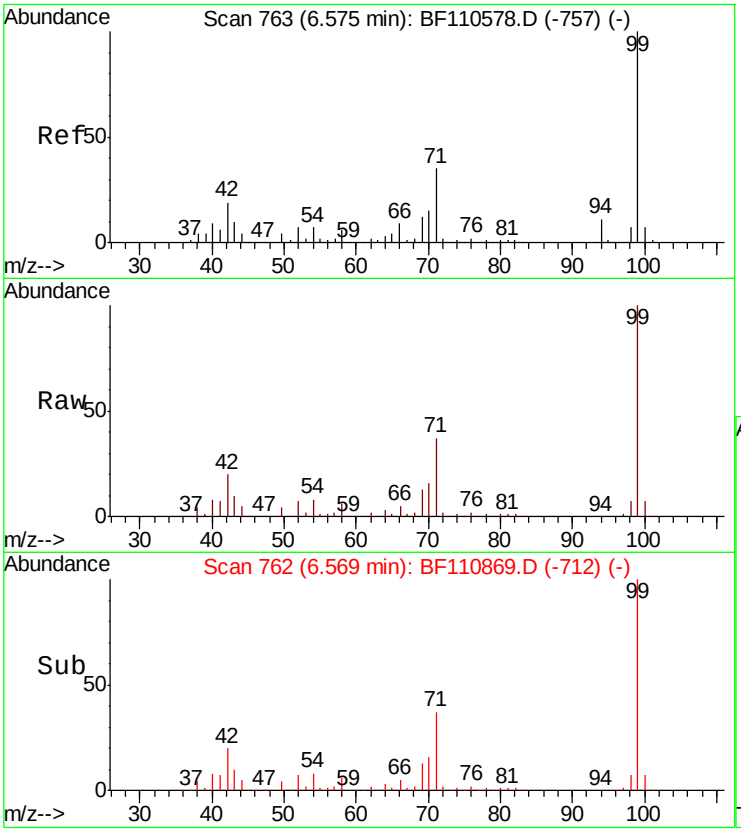


#5
2-Fluorophenol
Concen: 102.647 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Tgt Ion:112 Resp: 389997

Ion	Ratio	Lower	Upper
112	100		
64	60.4	44.1	66.1
63	32.4	23.7	35.5



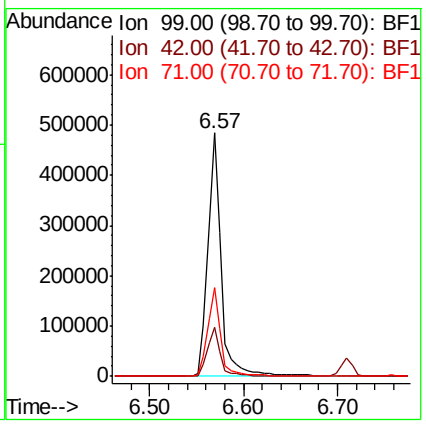


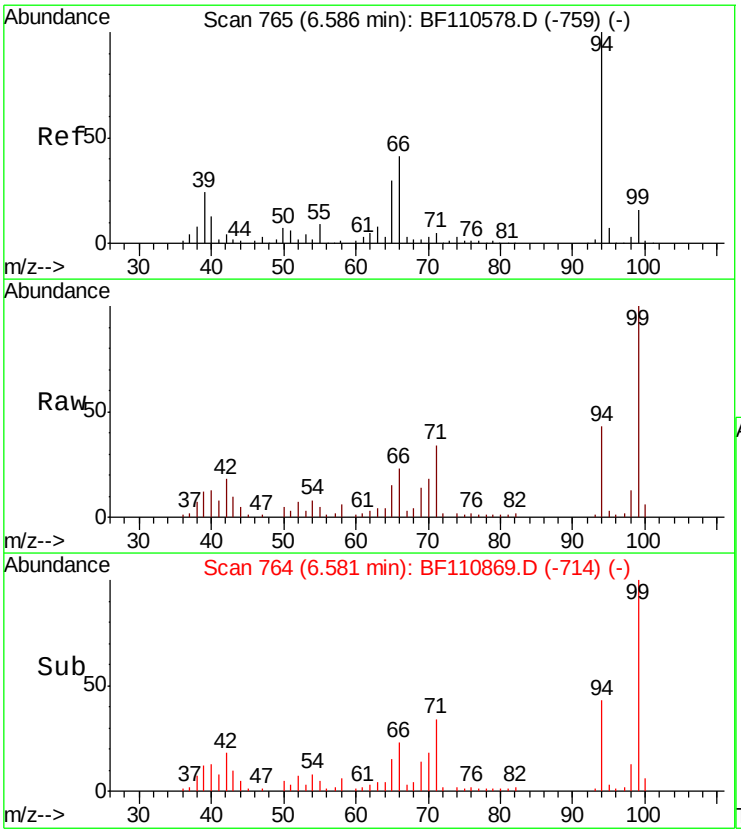
#7
Phenol-d6
Concen: 101.209 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

Tgt Ion: 99 Resp: 491725

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.8	23.6
71	36.6	28.0	42.0

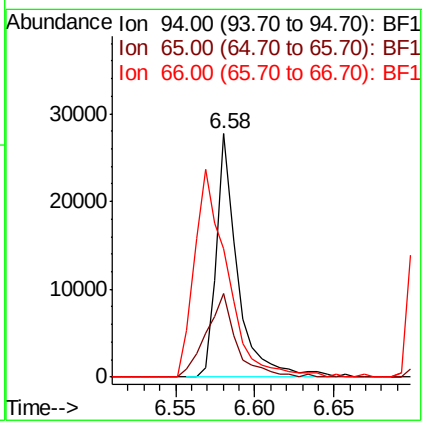


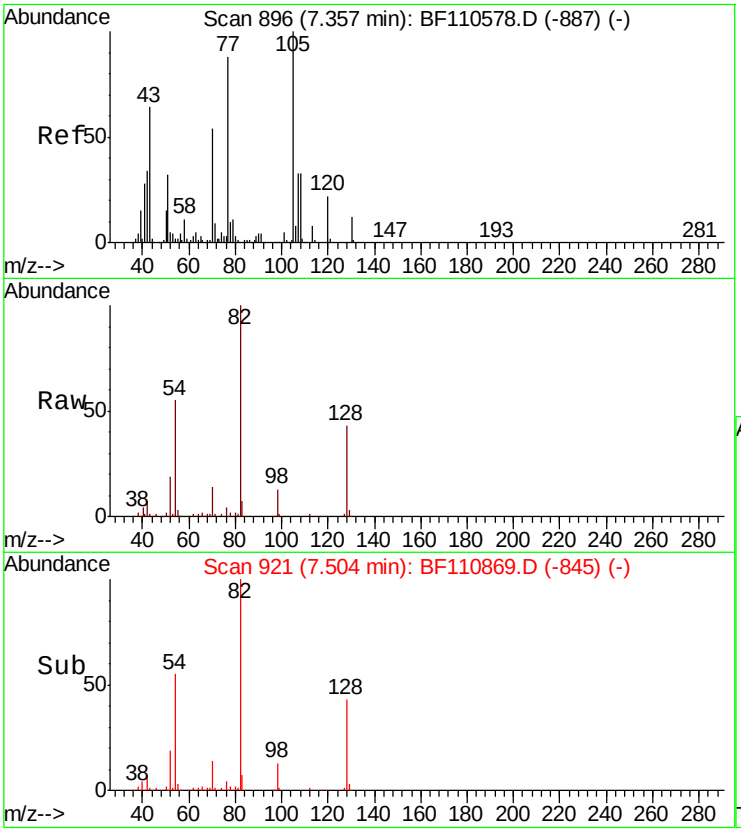


#10
Phenol
Concen: 4.578 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Tgt Ion: 94 Resp: 25791

Ion	Ratio	Lower	Upper
94	100		
65	34.3	25.3	65.3
66	52.7	54.5	94.5#



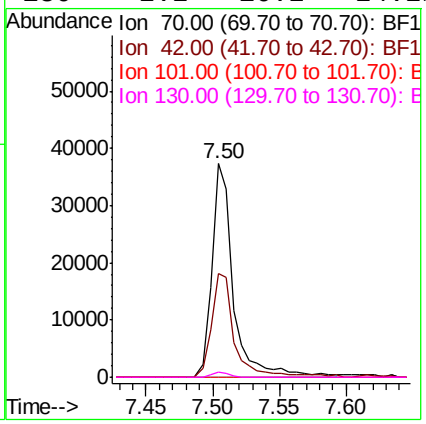


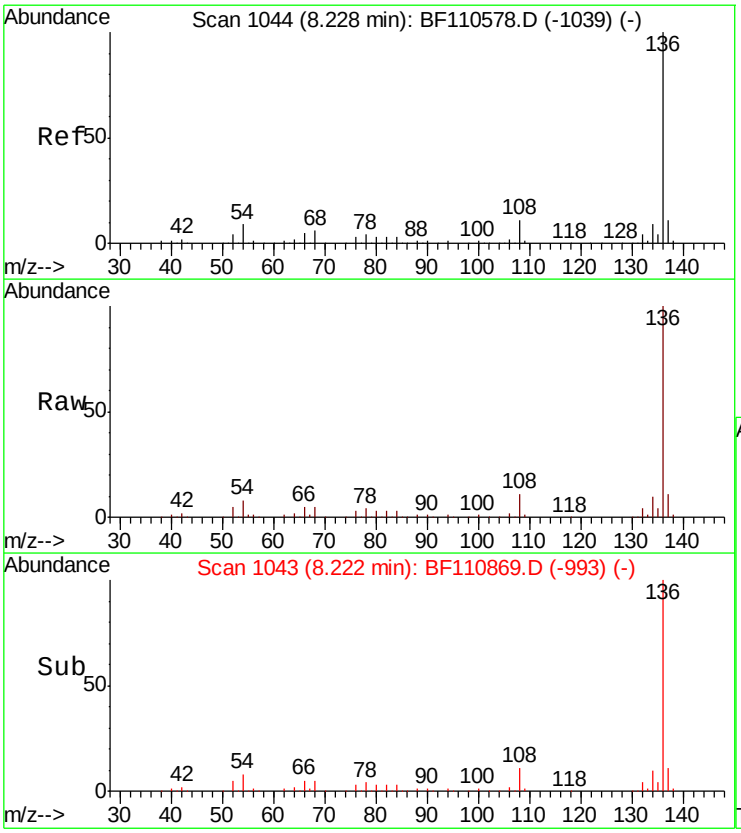
#19
n-Nitroso-di-n-propylamine
Concen: 13.617 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

Tgt Ion: 70 Resp: 42230

Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

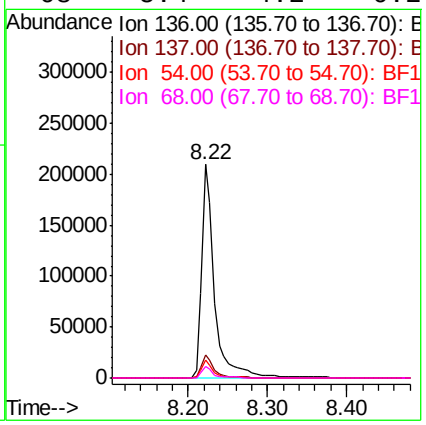


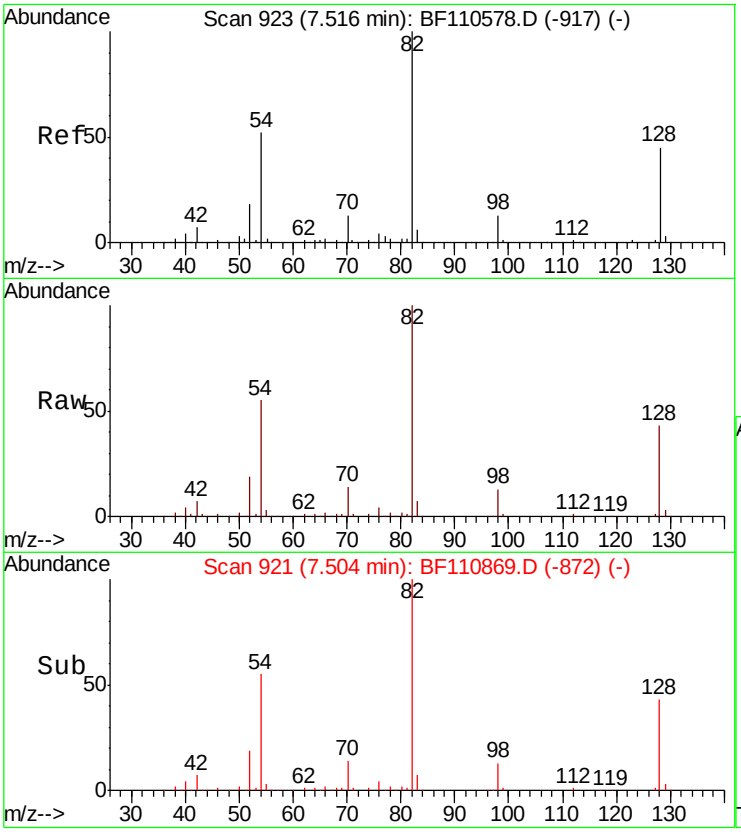


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Tgt Ion:136 Resp: 240263

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.2	5.4	8.2#
68	5.4	4.2	6.2



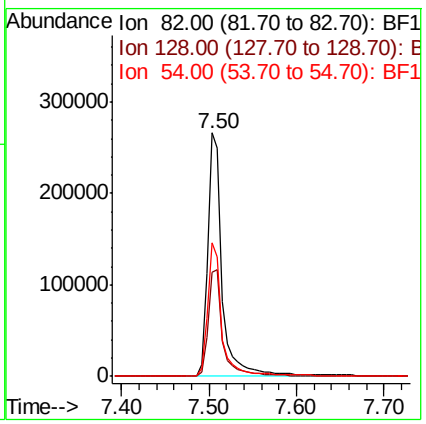


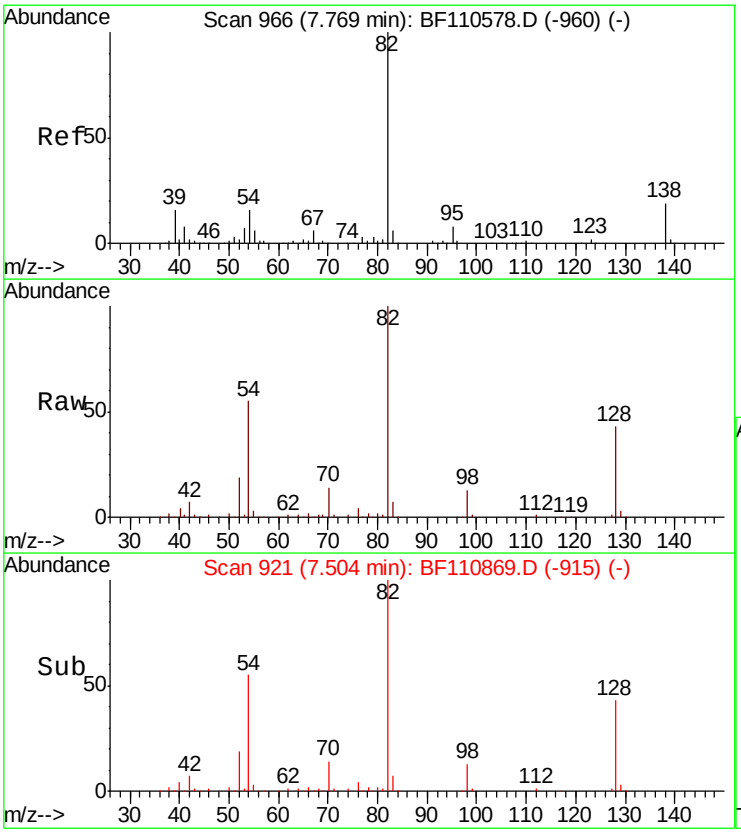
#23
Nitrobenzene-d5
Concen: 73.724 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

Tgt Ion: 82 Resp: 307574

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.2	51.2
54	55.1	38.6	58.0

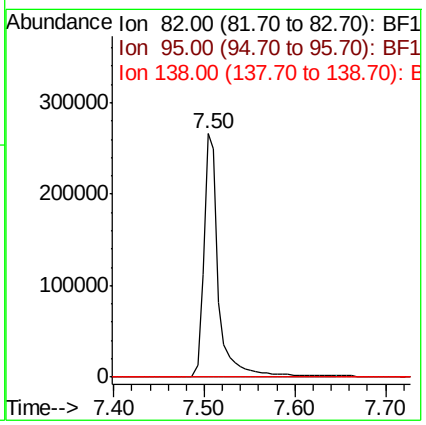


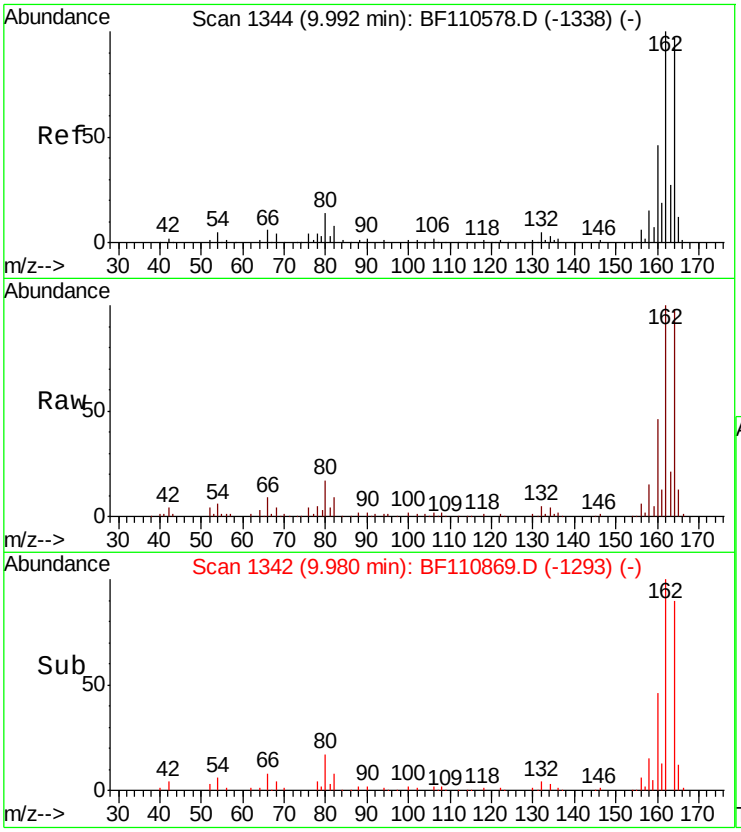


#25
Isophorone
Concen: 44.980 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Tgt Ion: 82 Resp: 307570

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



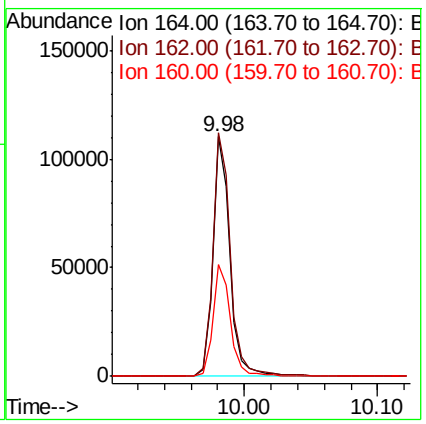


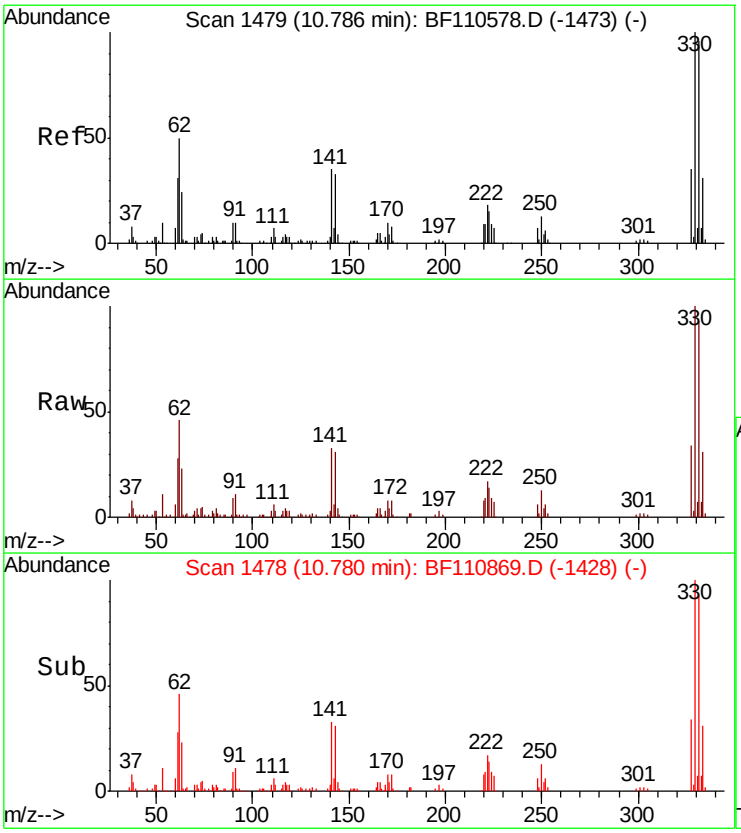
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

Tgt Ion:164 Resp: 98852

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.0	124.6
160	46.4	37.0	55.6

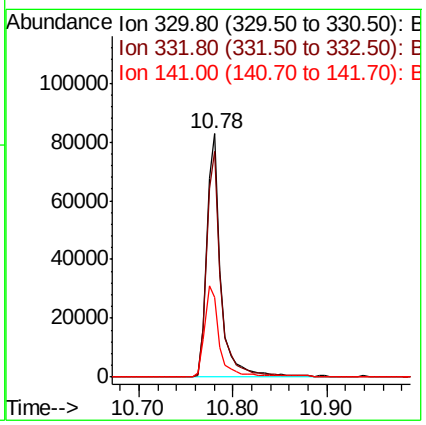


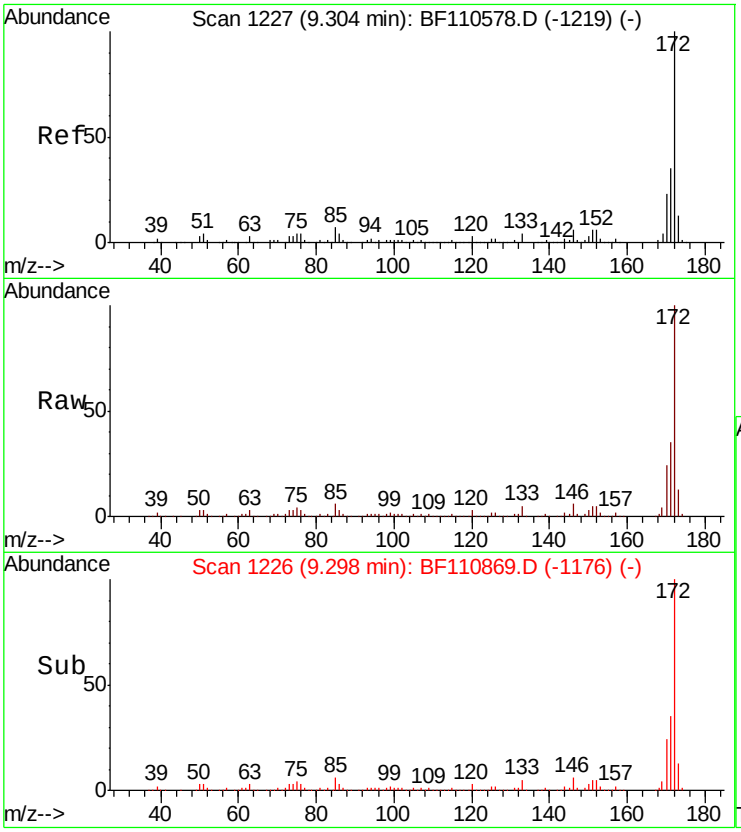


#42
2,4,6-Tribromophenol
Concen: 87.462 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Tgt Ion:330 Resp: 87117

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.1	115.7
141	38.8	27.0	40.4



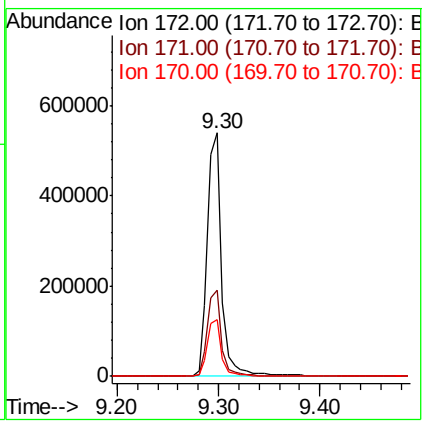


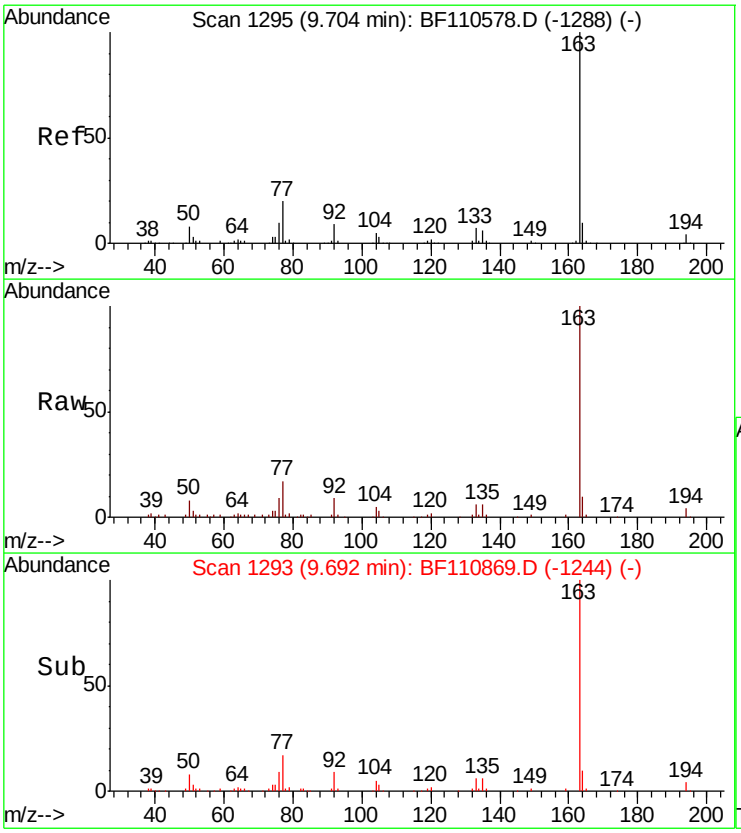
#45
2-Fluorobiphenyl
Concen: 76.860 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

Tgt Ion:172 Resp: 531989

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.6	19.7	29.5

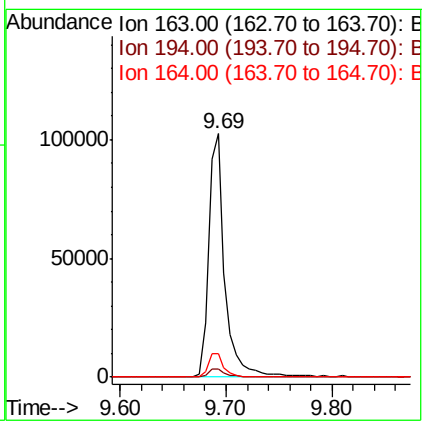


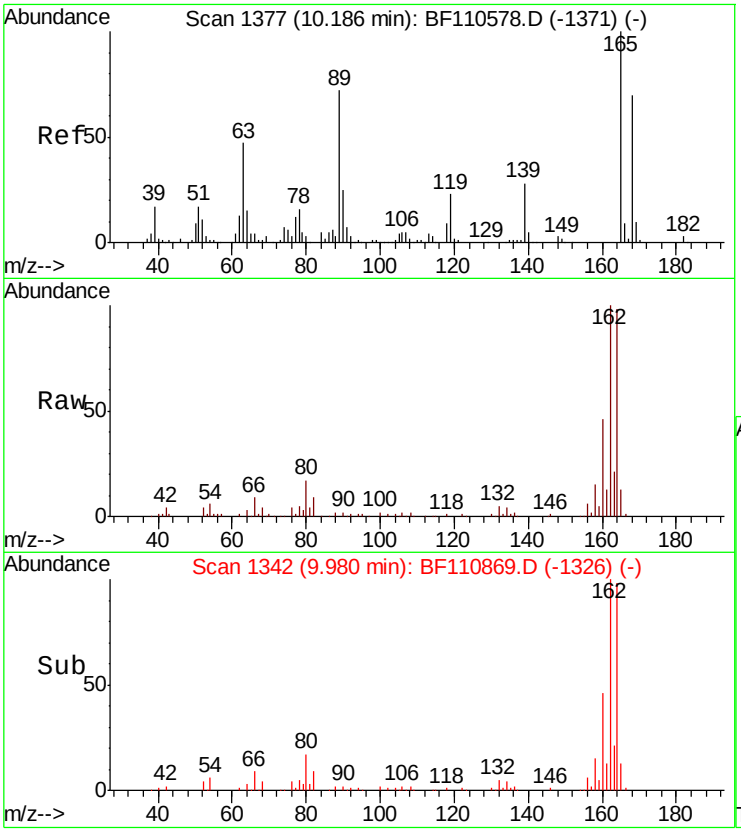


#50
Dimethylphthalate
Concen: 14.946 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Tgt Ion:163 Resp: 110240

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.5	8.1	12.1



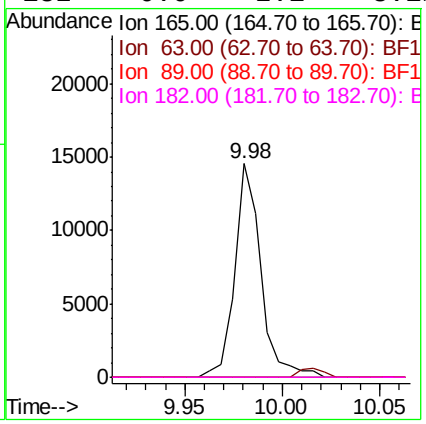


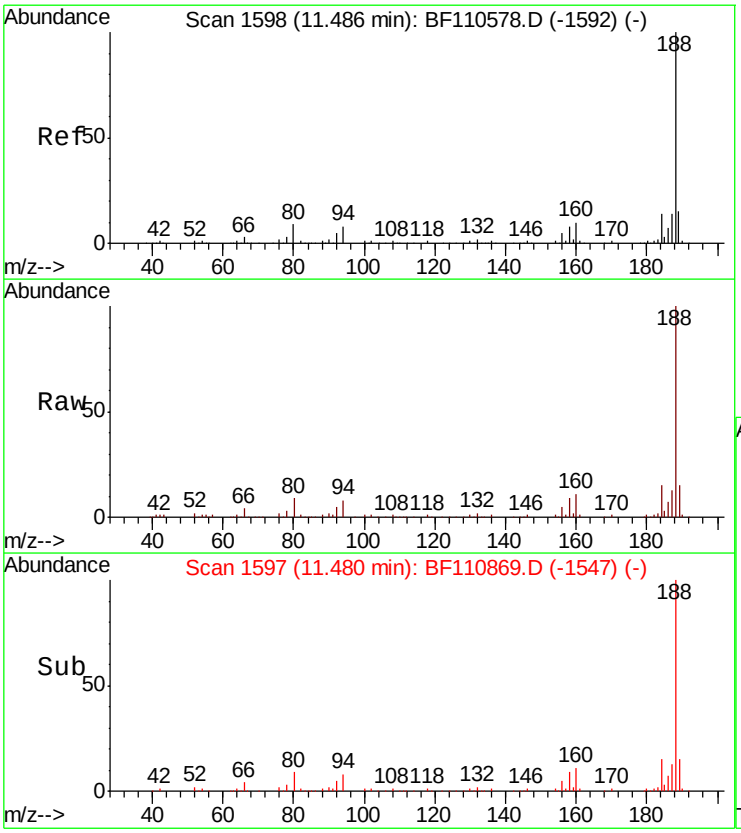
#57
2,4-Dinitrotoluene
Concen: 6.370 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

Tgt Ion:165 Resp: 13440

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

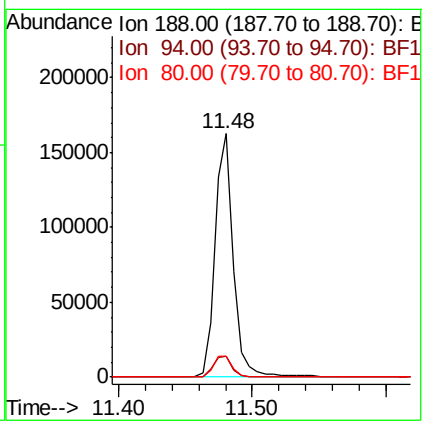


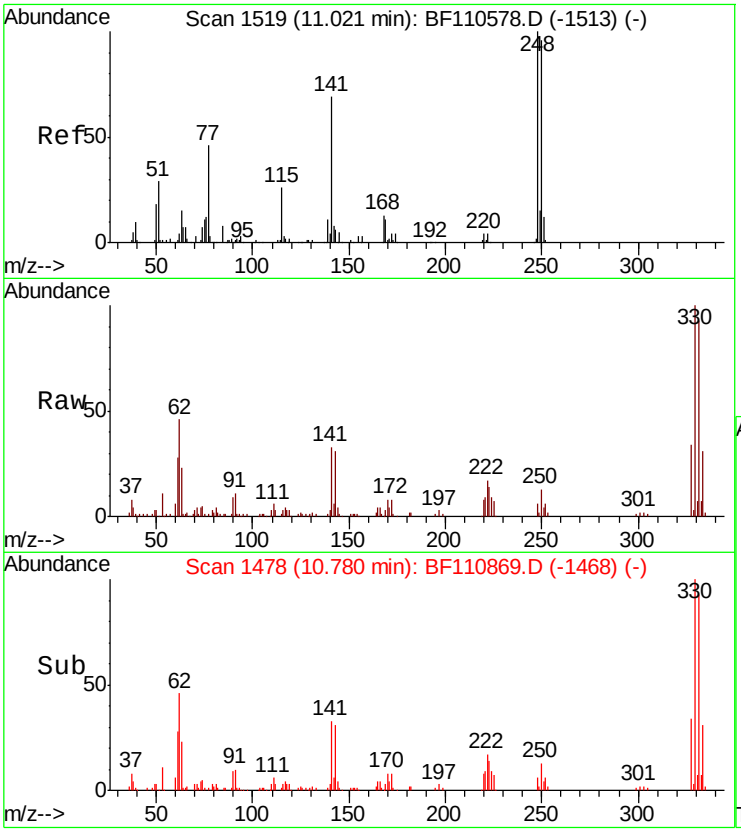


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Tgt Ion:188 Resp: 156258

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	8.7	7.9	11.9



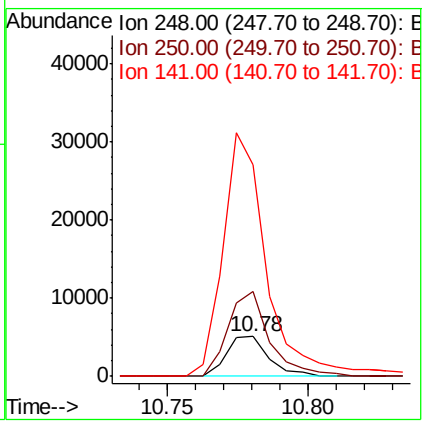


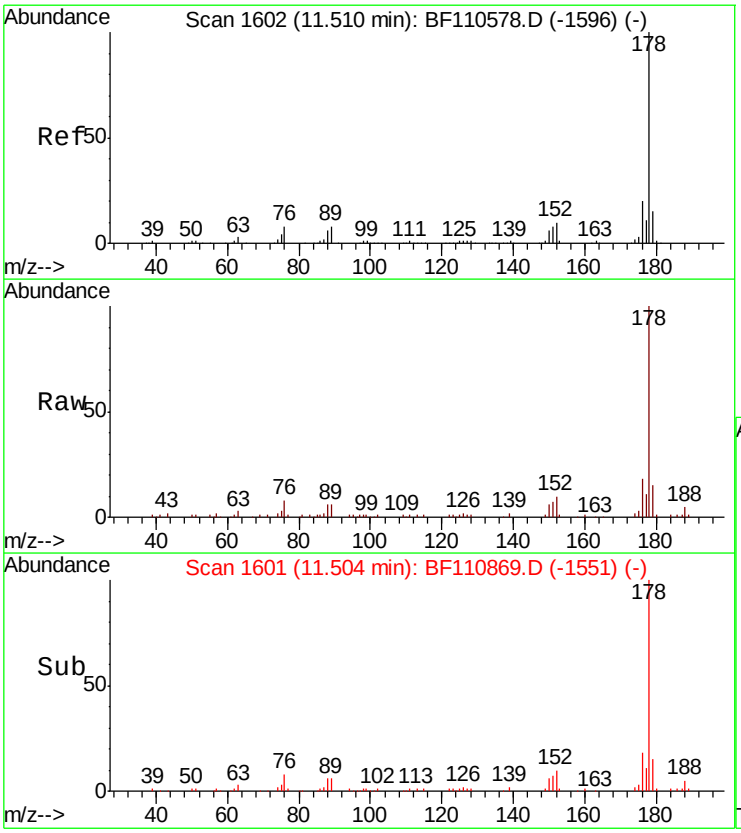
#67
4-Bromophenyl-phenylether
Concen: 3.117 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

Tgt Ion:248 Resp: 5383

Ion	Ratio	Lower	Upper
248	100		
250	211.2	79.4	119.2#
141	528.6	55.9	83.9#

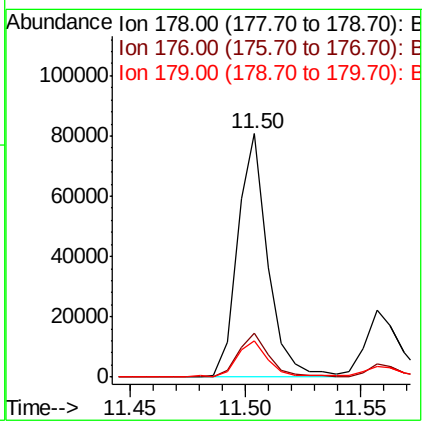


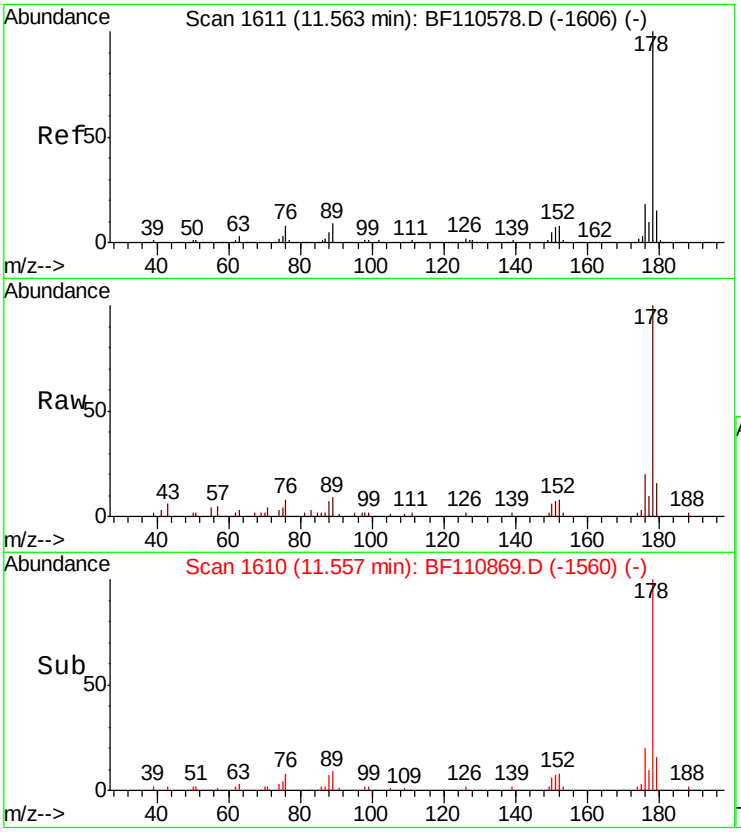


#71
Phenanthrene
Concen: 8.818 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Tgt Ion:178 Resp: 73822

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.5	23.3
179	14.7	12.5	18.7



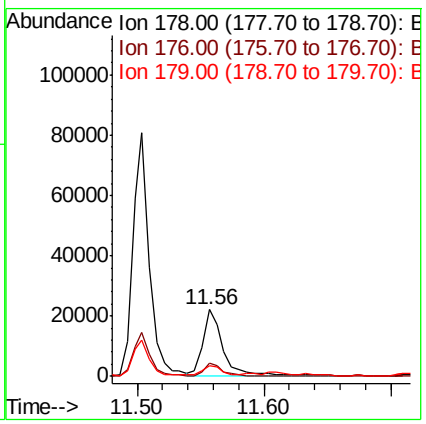


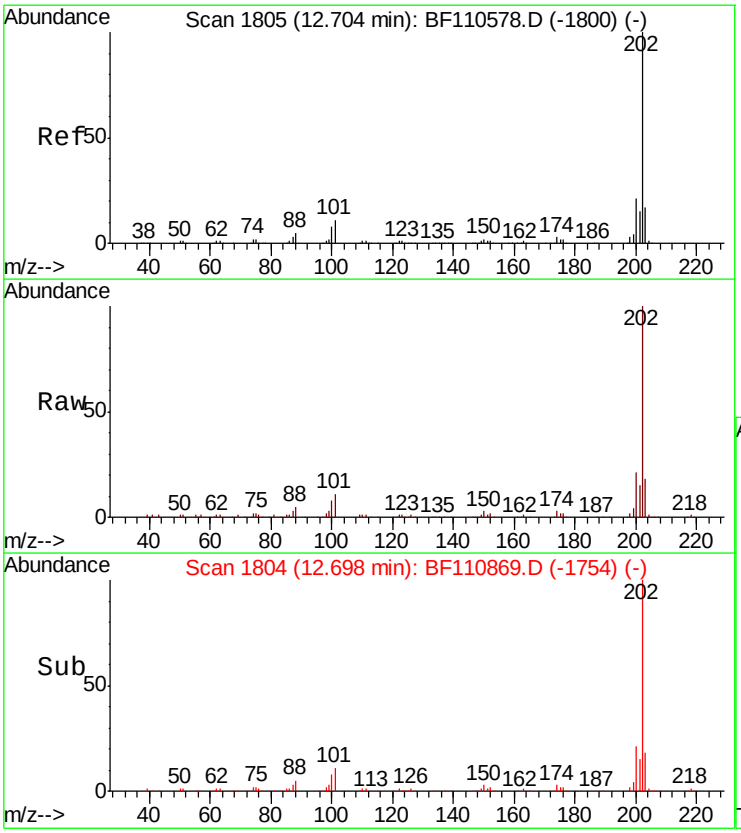
#72
Anthracene
Concen: 3.030 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

Tgt Ion:178 Resp: 25589

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	15.9	12.6	18.8

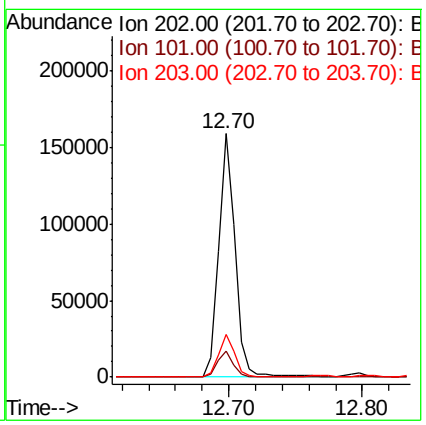


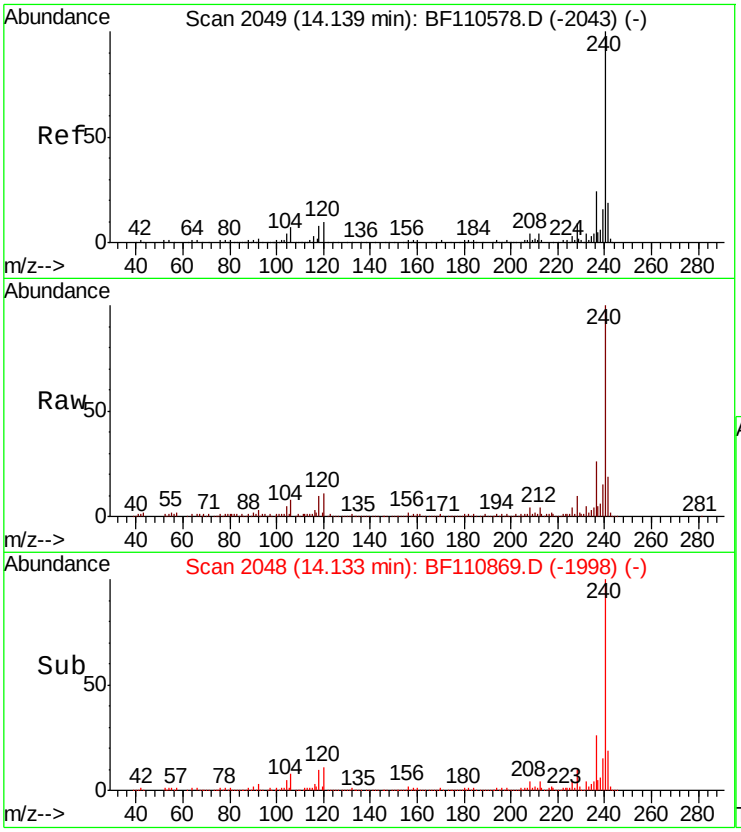


#75
Fluoranthene
Concen: 16.550 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Tgt Ion:202 Resp: 138907

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.6	0.0	37.7



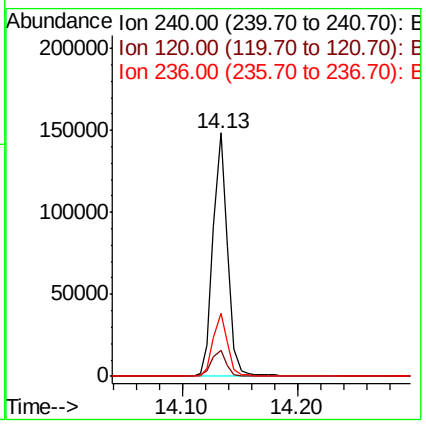


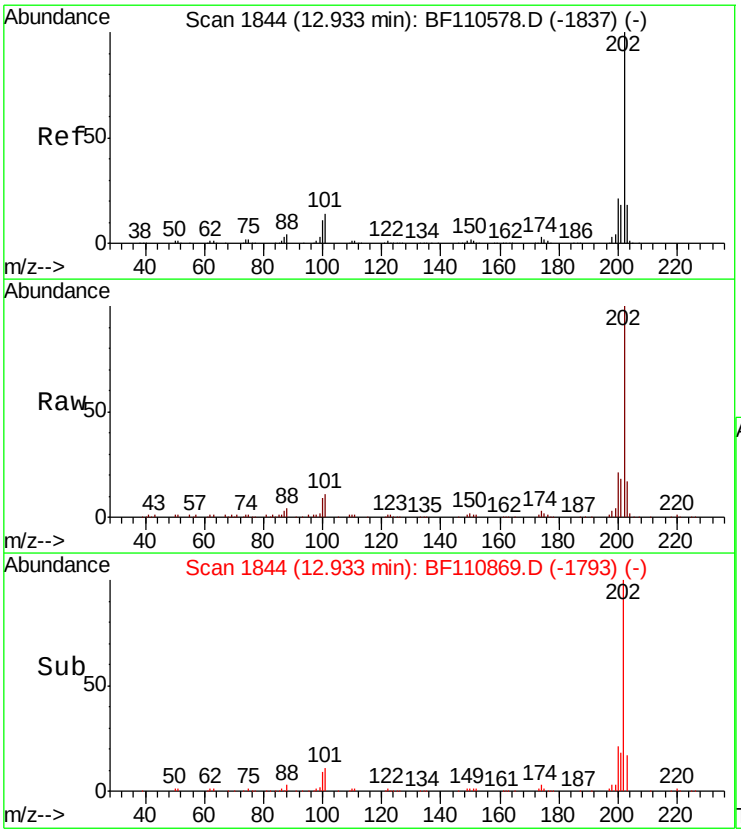
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

Tgt Ion:240 Resp: 130035

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	25.8	21.2	31.8

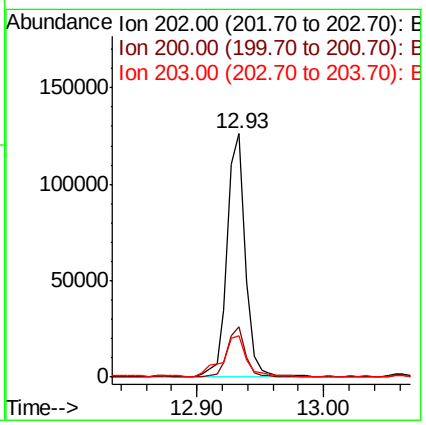


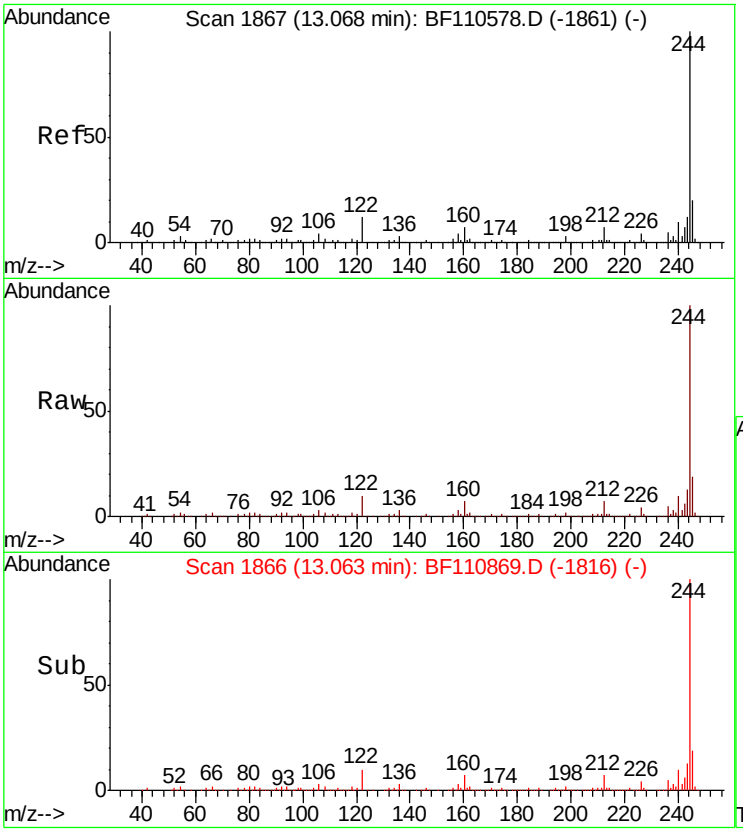


#78
Pyrene
Concen: 12.525 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Tgt Ion:202 Resp: 125405

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.8	26.6
203	17.2	14.2	21.4



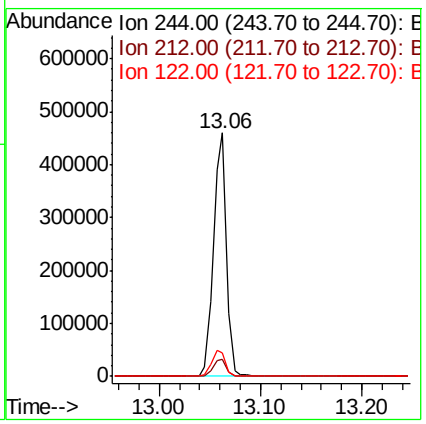


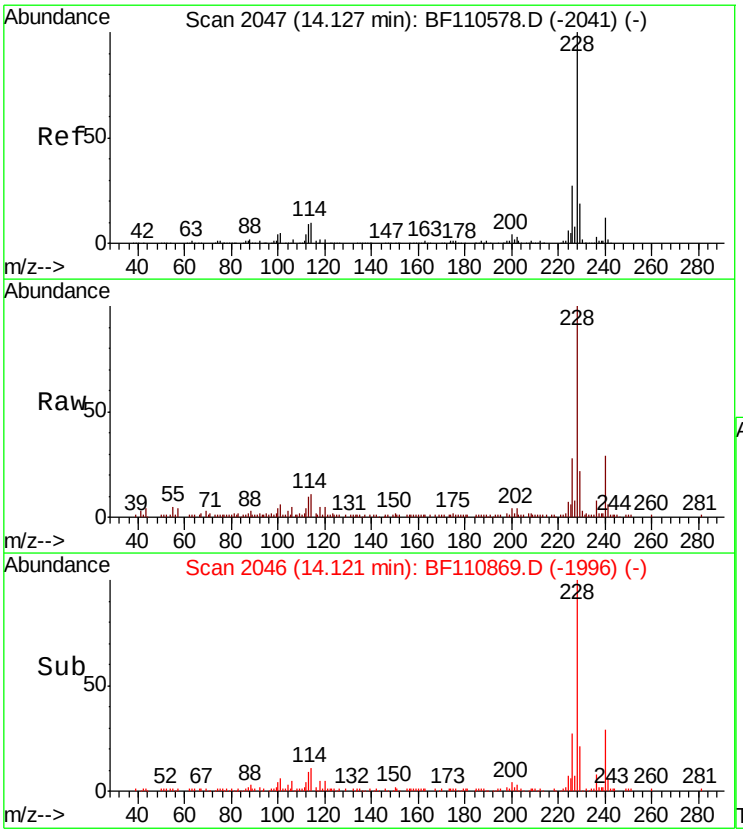
#79
Terphenyl-d14
Concen: 58.846 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

Tgt Ion:244 Resp: 408597

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	9.8	8.7	13.1

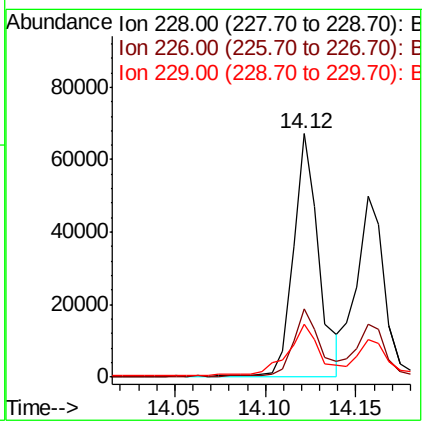


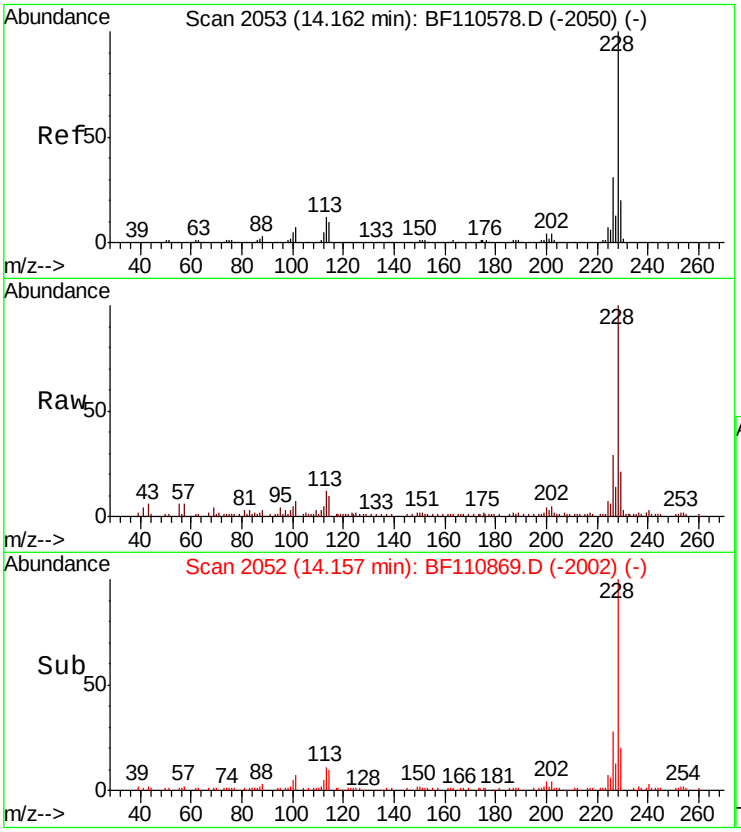


#81
Benzo(a)anthracene
Concen: 8.532 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Tgt Ion:228 Resp: 66310

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	21.8	15.6	23.4



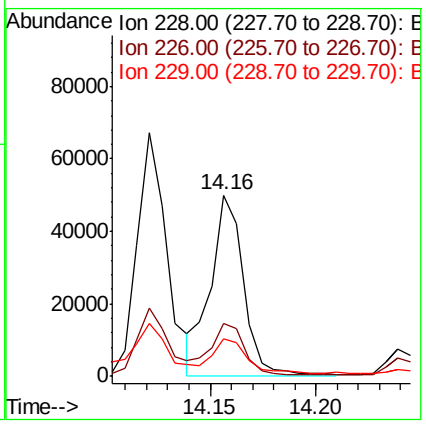


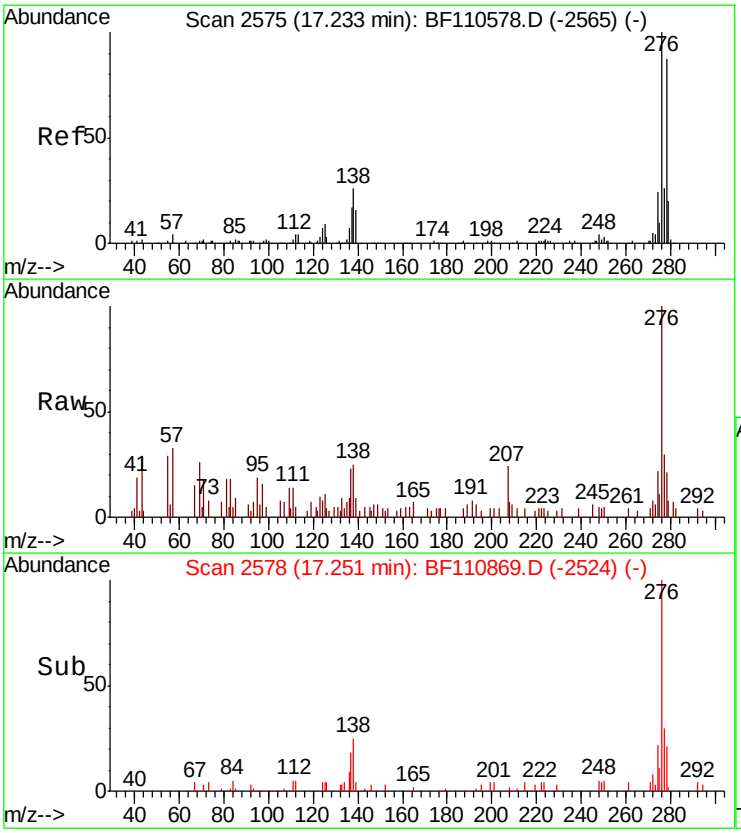
#83
Chrysene
Concen: 7.346 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

Tgt Ion:228 Resp: 54394

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.7	37.1
229	21.0	15.9	23.9

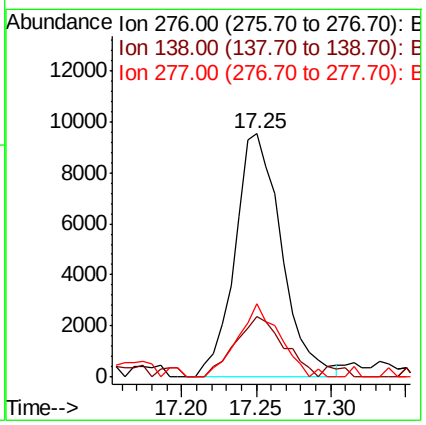


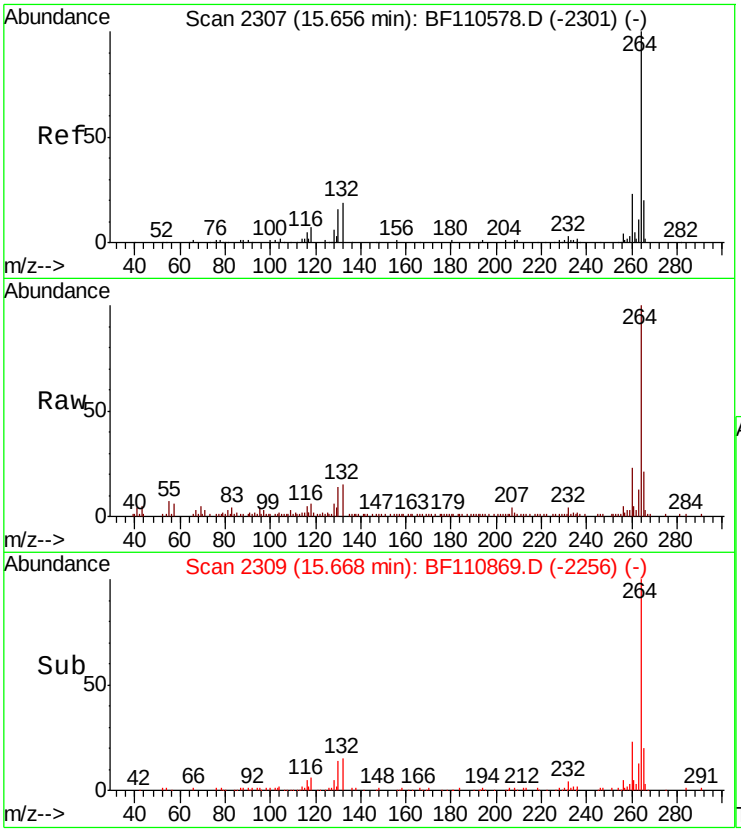


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.892 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.02 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Tgt Ion:276 Resp: 20683

Ion	Ratio	Lower	Upper
276	100		
138	25.8	18.5	27.7
277	27.0	20.0	30.0



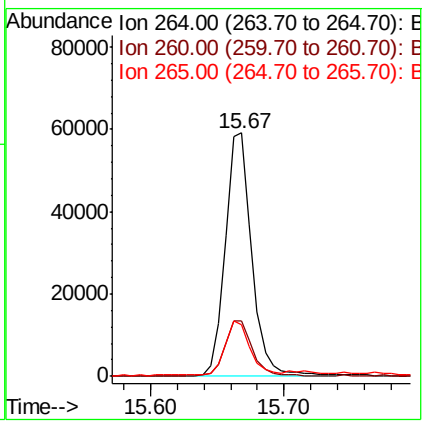


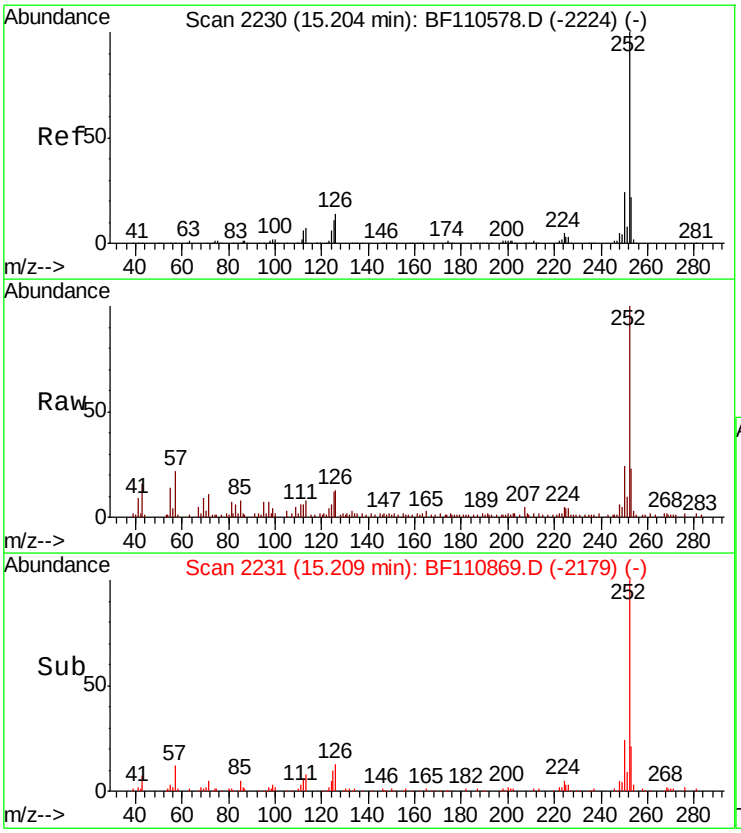
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

Tgt Ion:264 Resp: 82714

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	21.1	16.7	25.1

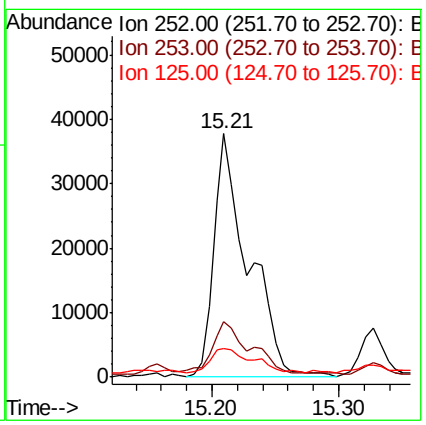


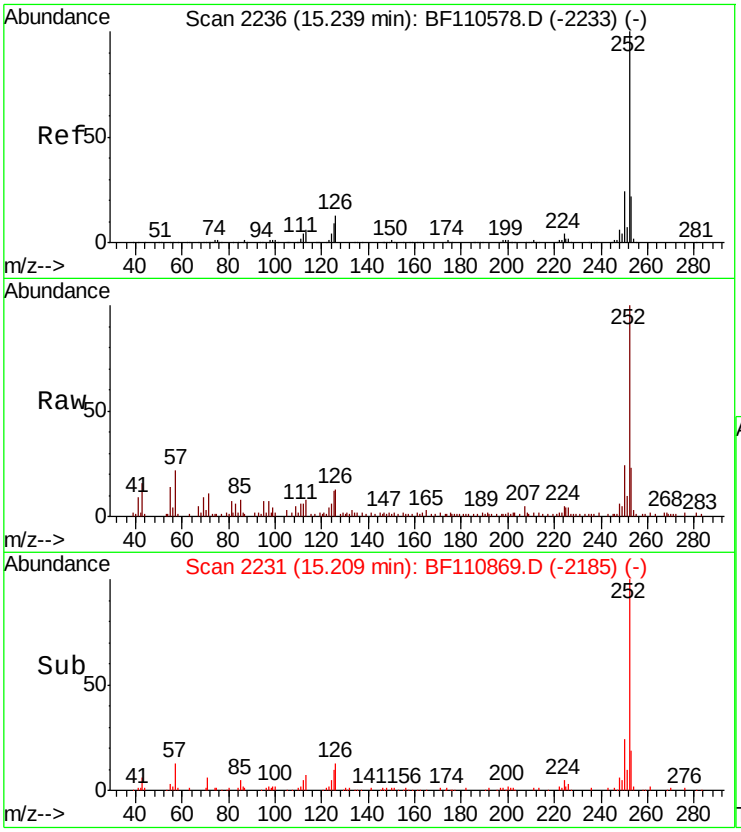


#88
Benzo(b)fluoranthene
Concen: 14.547 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Tgt Ion:252 Resp: 71981

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	11.7	8.2	12.4



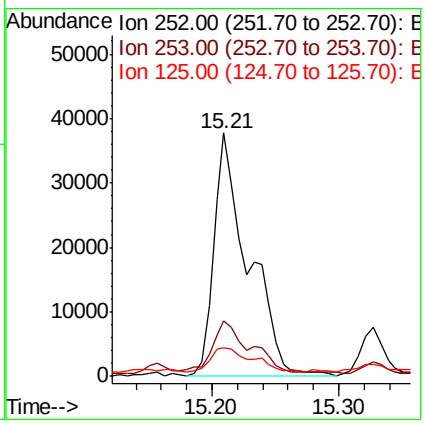


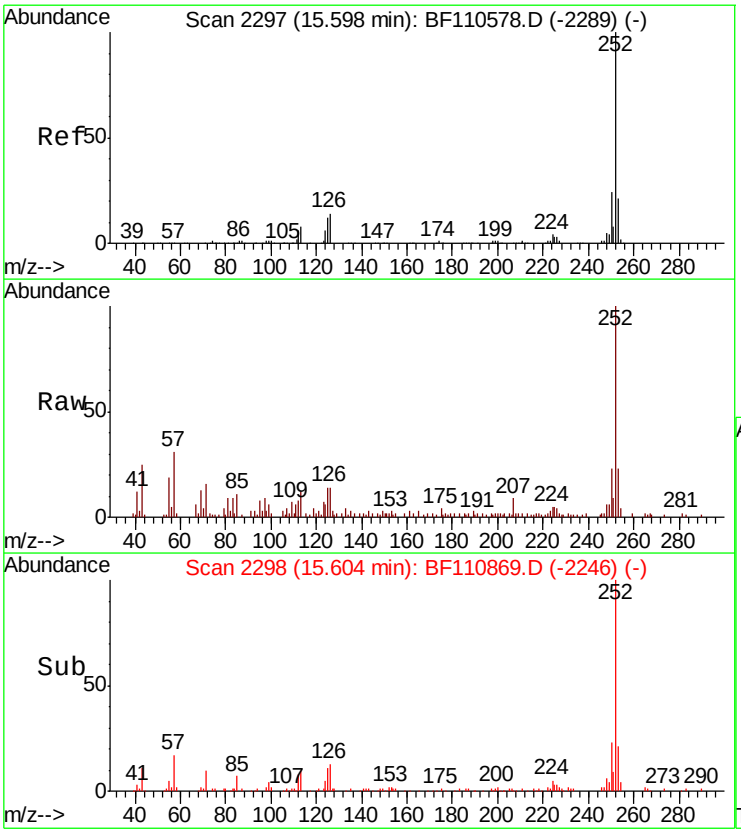
#89
Benzo(k)fluoranthene
Concen: 14.722 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

Tgt Ion:252 Resp: 71981

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	11.7	7.4	11.0#

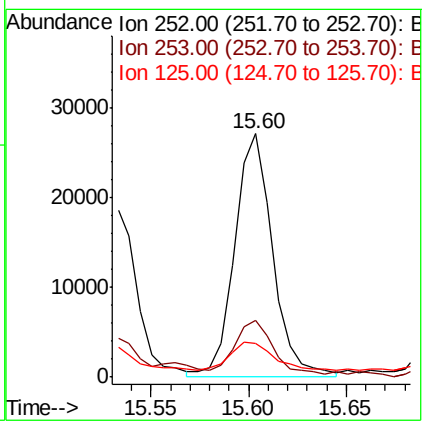


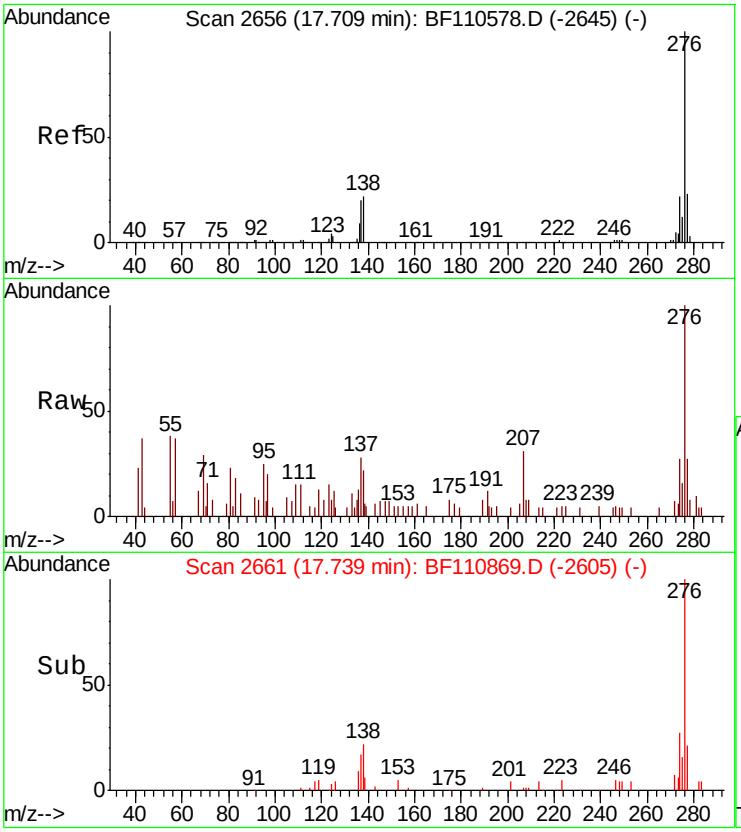


#90
Benzo(a)pyrene
Concen: 8.160 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Tgt Ion:252 Resp: 36684

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	13.7	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 5.238 ng
RT: 17.74 min Scan# 2661
Delta R.T. 0.03 min
Lab File: BF110869.D
Acq: 19 Nov 2018 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-028-A

Tgt Ion:276 Resp: 19773

Ion	Ratio	Lower	Upper
276	100		
277	27.3	18.8	28.2
138	27.2	16.0	24.0#