Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
Data File : BF110799.D
Acq On : 15 Nov 2018 20:13
Operator : JU/SJ
Sample : J5767-15 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 16 04:29:30 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	60468	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	241737	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	105635	20.00	ng		-0.01
64) Phenanthrene-d10	11.48	188	174246	20.00	ng		0.00
76) Chrysene-d12	14.13	240	157672	20.00	ng		0.00
87) Perylene-d12	15.66	264	112824	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	193253	51.91	ng		-0.01
7) Phenol-d6	6.56	99	244770	51.42	ng		-0.01
23) Nitrobenzene-d5	7.50	82	150704	35.90	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	49187	46.21	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	278306	37.63	ng		-0.01
79) Terphenyl-d14	13.06	244	236707	28.12	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	359	Below Cal		#	1
10) Phenol	6.57	94	12300	2.228	ng		86
19) n-Nitroso-di-n-propylamine	7.50	70	20035	6.593	ng	#	75
25) Isophorone	7.50	82	150715	21.907	ng	#	67
50) Dimethylphthalate	9.69	163	27671	3.511	ng		100
51) 2,6-Dinitrotoluene	9.98	165	13582	7.833	ng	#	21
57) 2,4-Dinitrotoluene	9.98	165	13582	6.024	ng	#	17
71) Phenanthrene	11.50	178	44457	4.762	ng		97
72) Anthracene	11.50	178	44457	4.721	ng		97
75) Fluoranthene	12.70	202	50025	5.345	ng		98
78) Pyrene	12.93	202	70621	5.817	ng		97
81) Benzo(a)anthracene	14.16	228	32270	3.424	ng		92
83) Chrysene	14.16	228	32270	3.594	ng		96
88) Benzo(b)fluoranthene	15.20	252	27852	4.127	ng	#	77
89) Benzo(k)fluoranthene	15.20	252	27852	4.176	ng	#	75
90) Benzo(a)pyrene	15.60	252	15563	2.538	ng	#	82

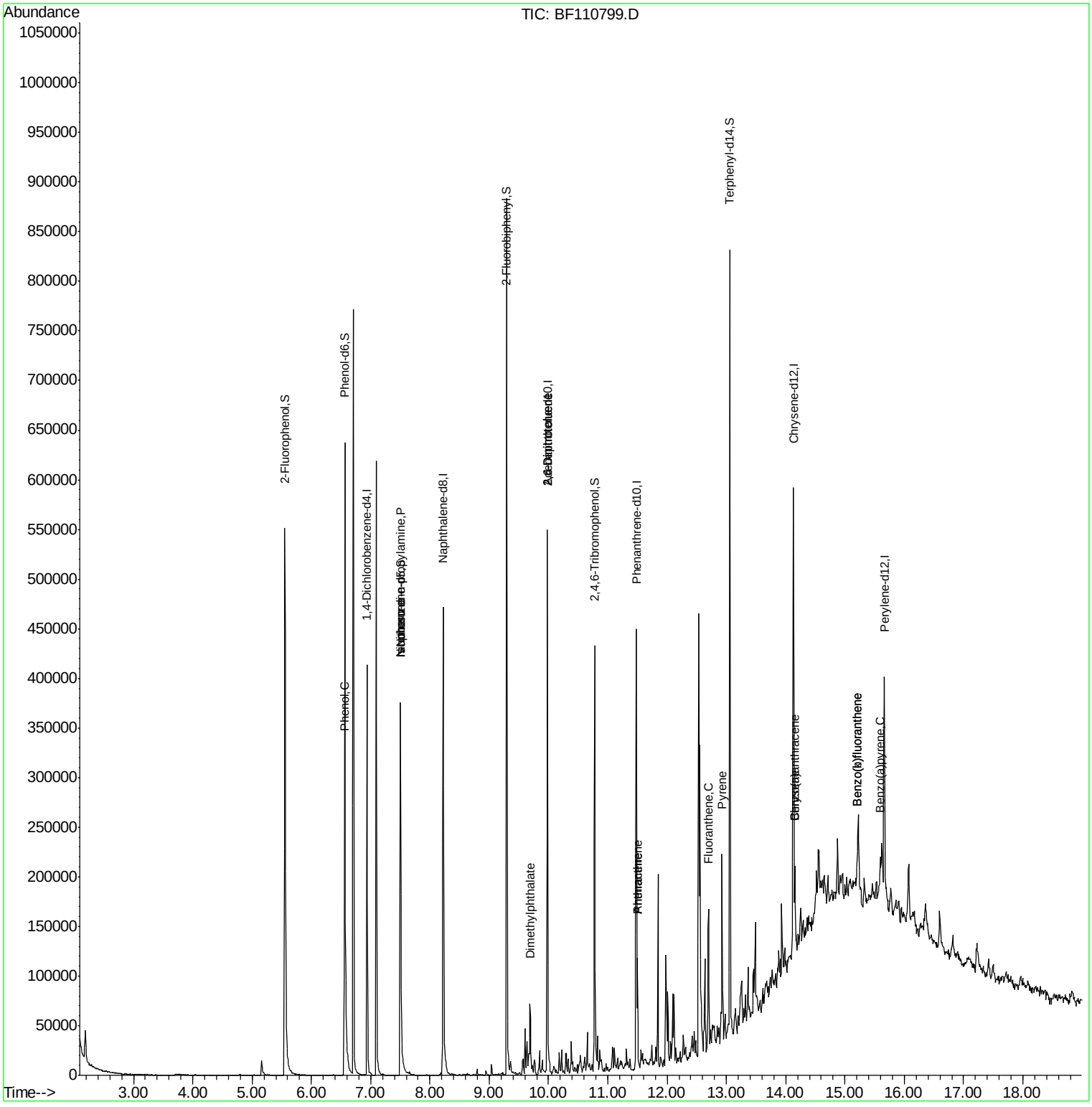
(#) = qualifier out of range (m) = manual integration (+) = signals summed

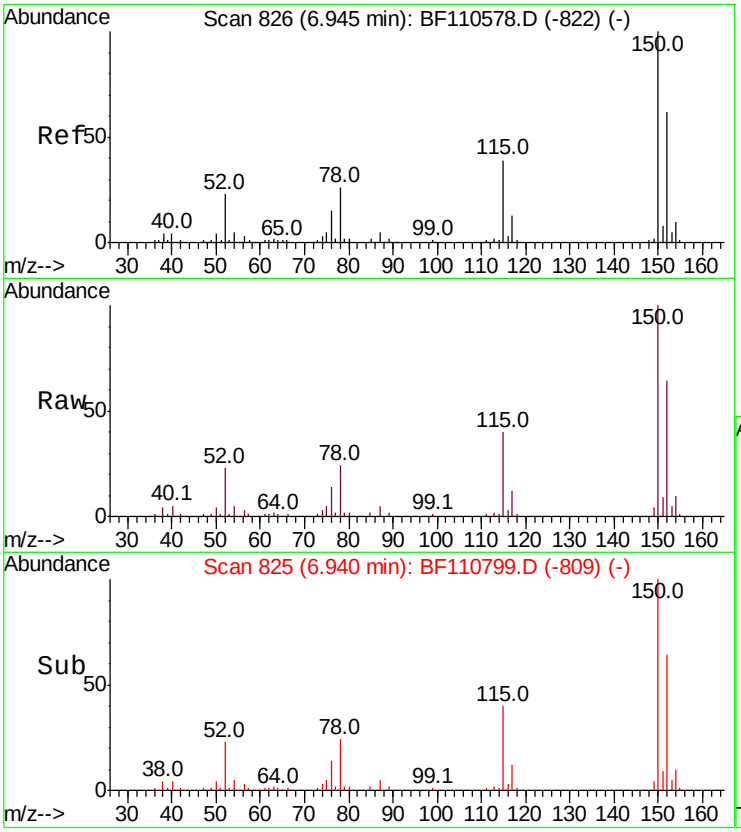
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
Data File : BF110799.D
Acq On : 15 Nov 2018 20:13
Operator : JU/SJ
Sample : J5767-15 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 16 04:29:30 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



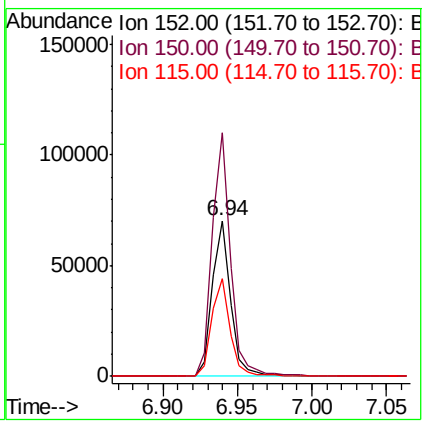


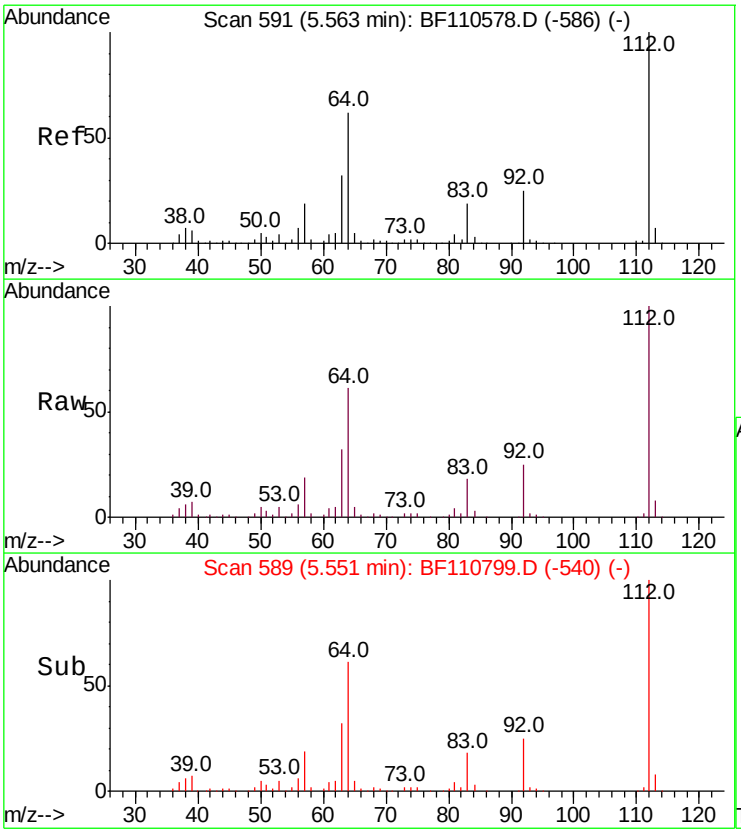
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 60468

Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.7	184.1
115	62.6	49.1	73.7

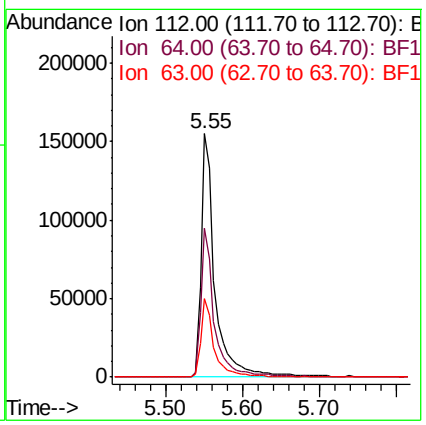


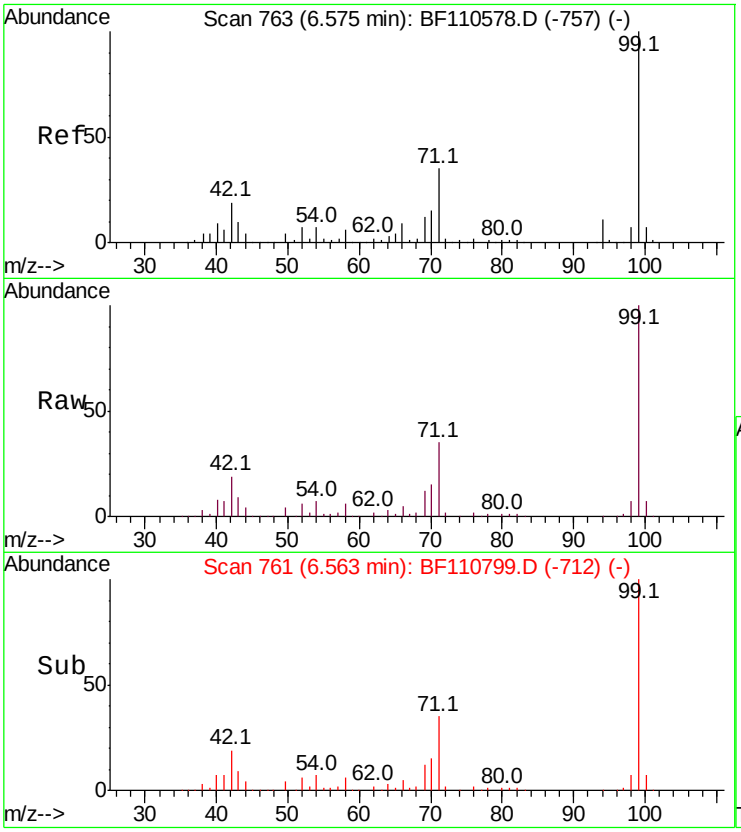


#5
2-Fluorophenol
Concen: 51.912 ng
RT: 5.55 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion:112 Resp: 193253

Ion	Ratio	Lower	Upper
112	100		
64	61.2	44.1	66.1
63	32.2	23.7	35.5



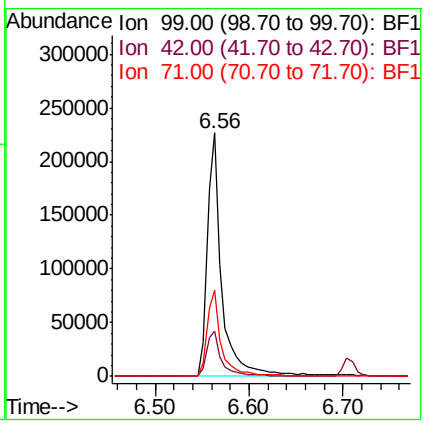


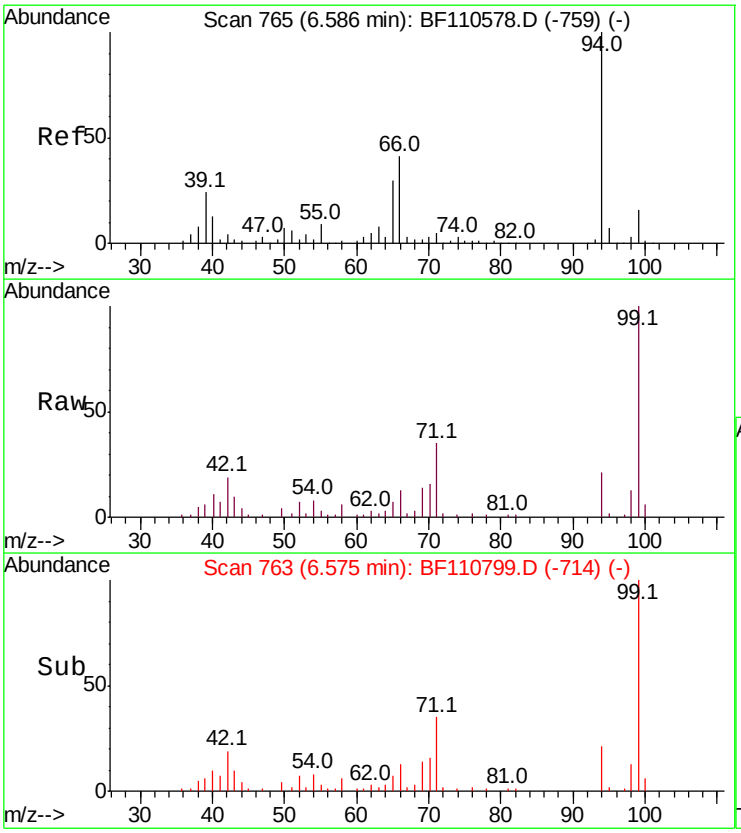
#7
Phenol-d6
Concen: 51.418 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 244770

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.8	23.6
71	35.2	28.0	42.0

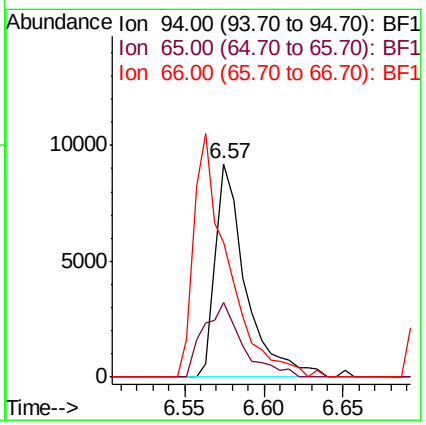


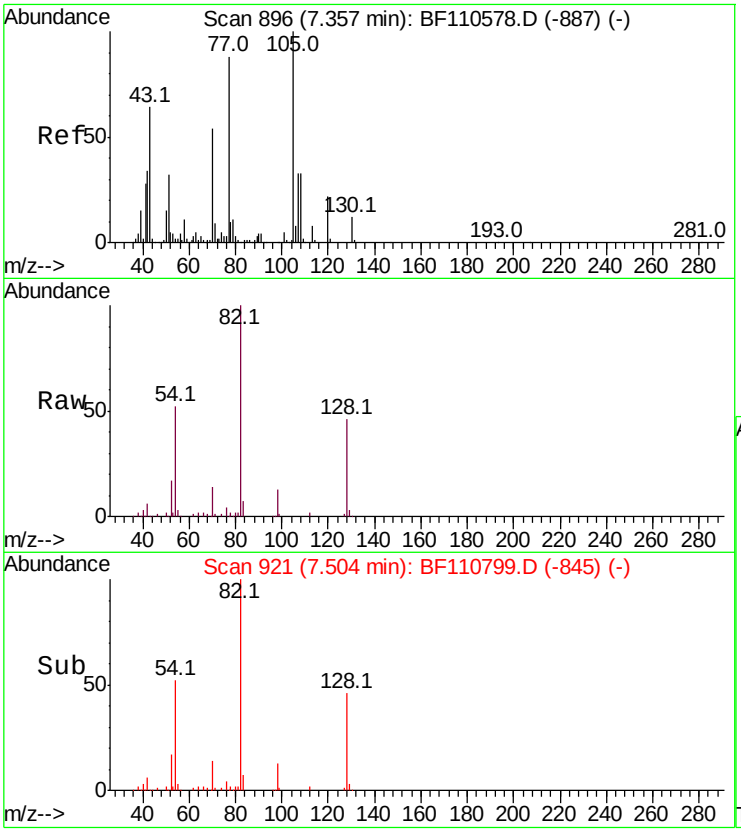


#10
Phenol
Concen: 2.228 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion: 94 Resp: 12300

Ion	Ratio	Lower	Upper
94	100		
65	35.2	25.3	65.3
66	63.6	54.5	94.5



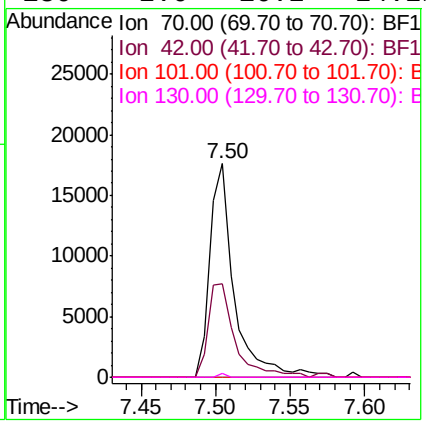


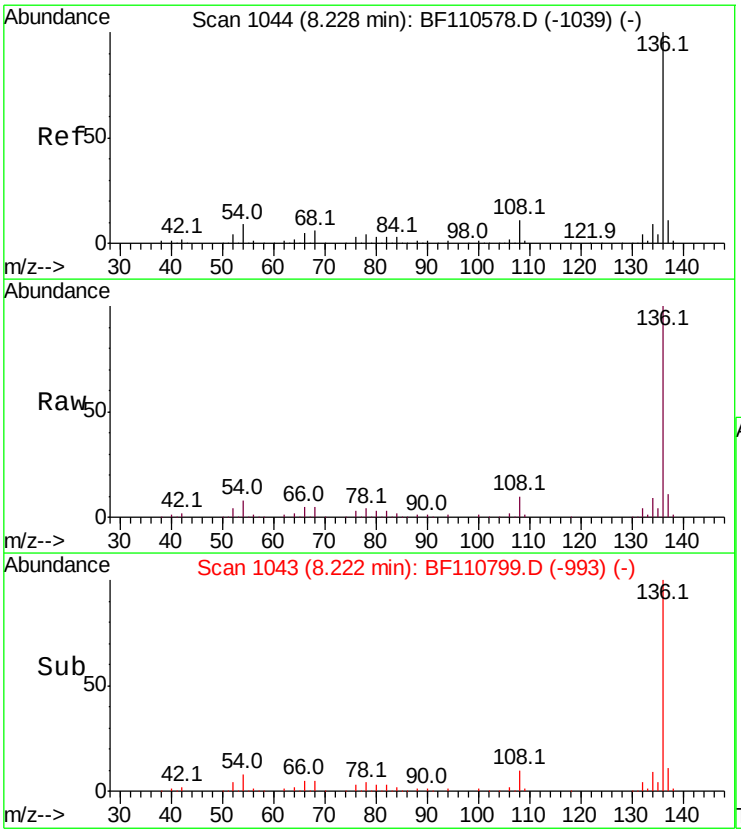
#19
n-Nitroso-di-n-propylamine
Concen: 6.593 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 20035

Ion	Ratio	Lower	Upper
70	100		
42	43.9	47.4	71.2#
101	0.0	7.3	10.9#
130	2.0	16.2	24.2#

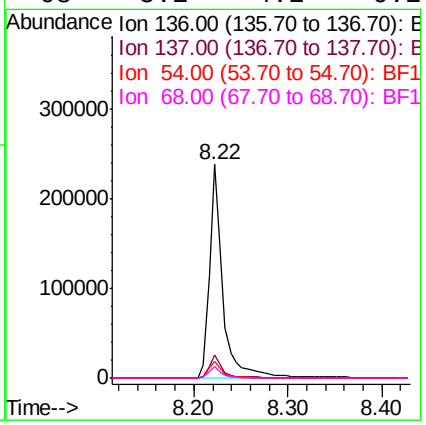


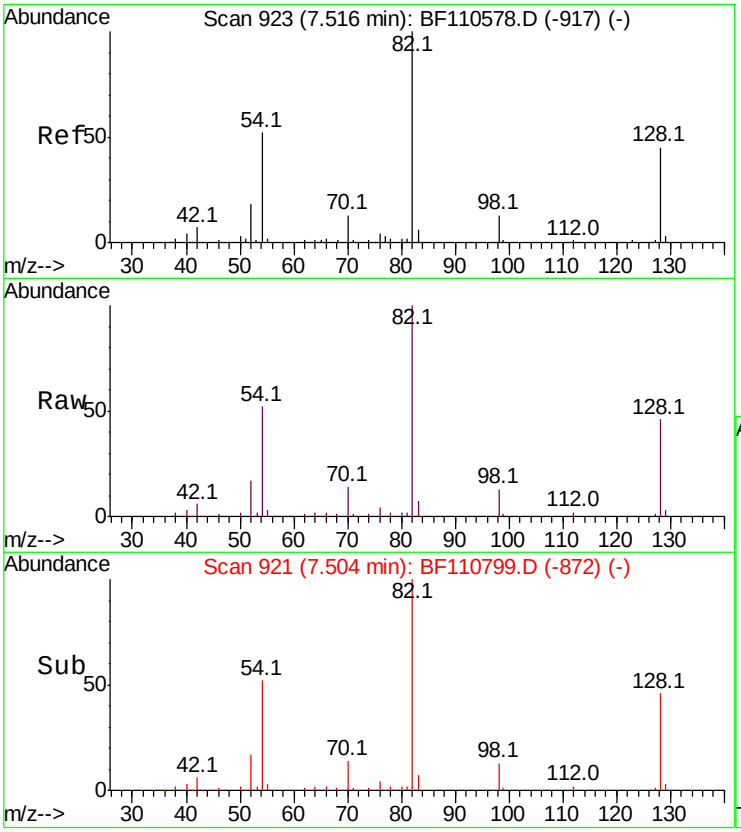


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion:136 Resp: 241737

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	5.4	8.2
68	5.2	4.2	6.2



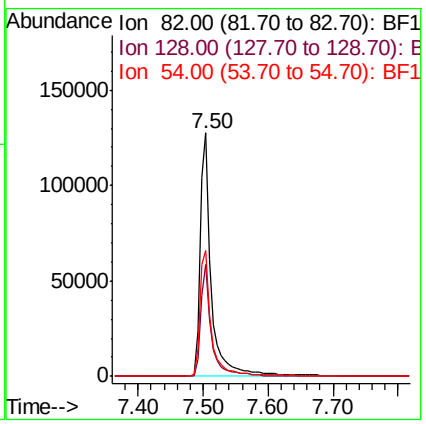


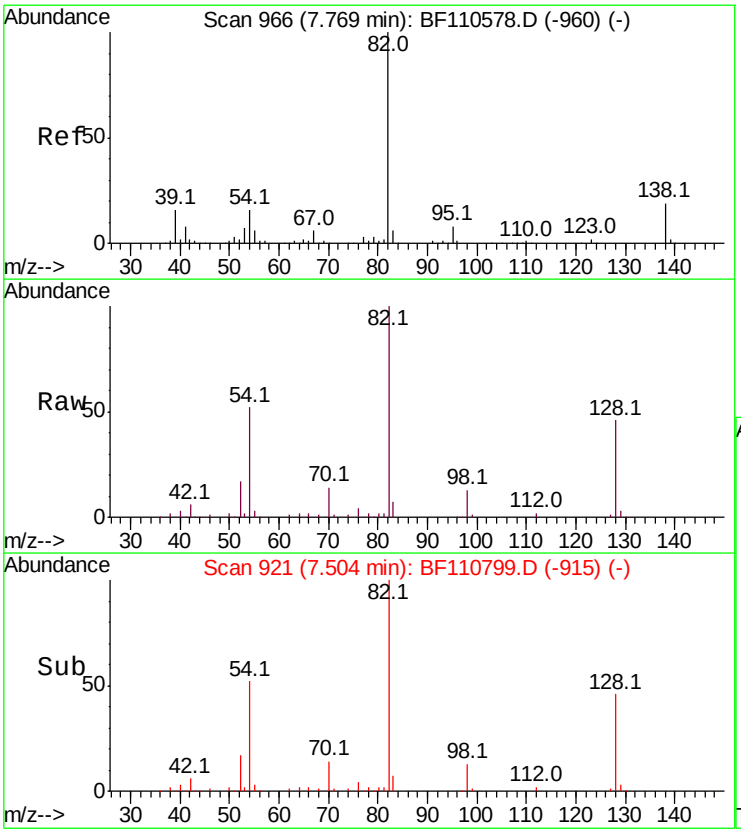
#23
Nitrobenzene-d5
Concen: 35.903 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 150704

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.2	51.2
54	51.9	38.6	58.0

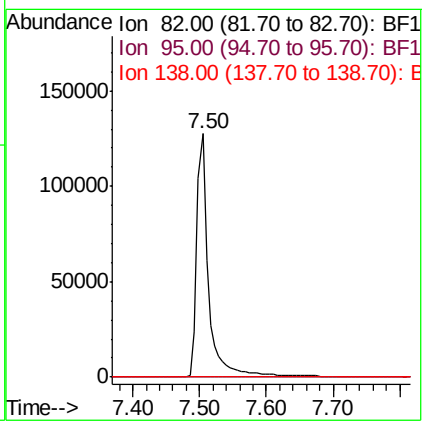


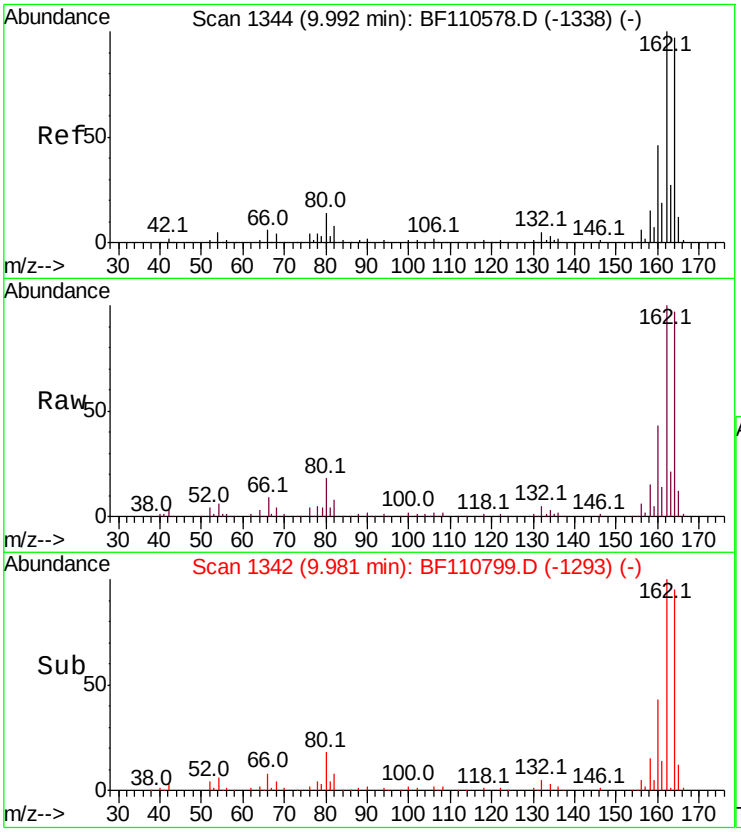


#25
Isophorone
Concen: 21.907 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion: 82 Resp: 150715

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



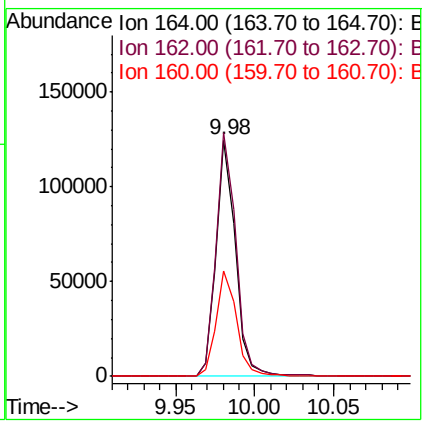


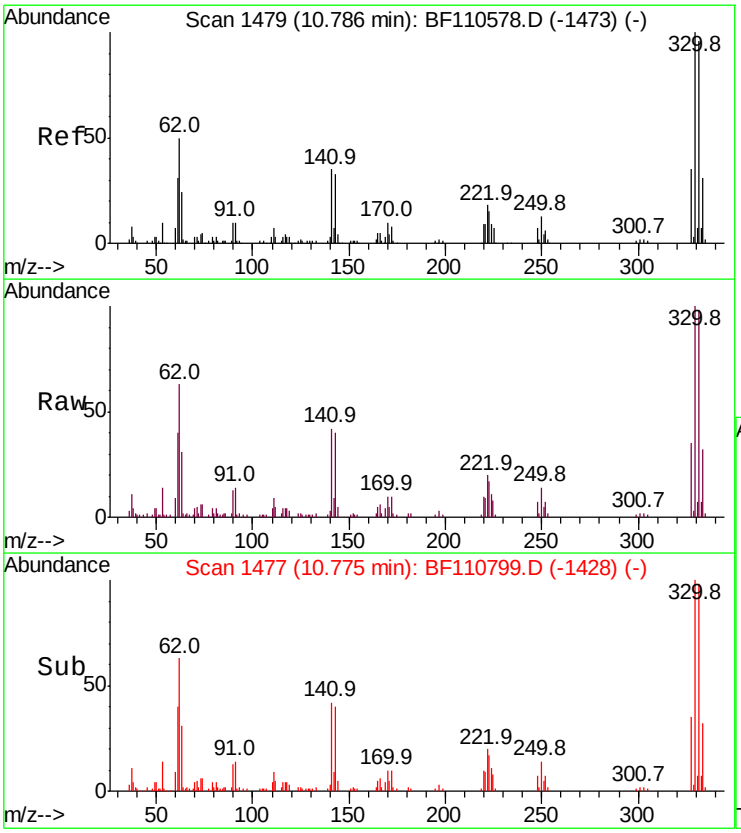
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 105635

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.6
160	44.8	37.0	55.6

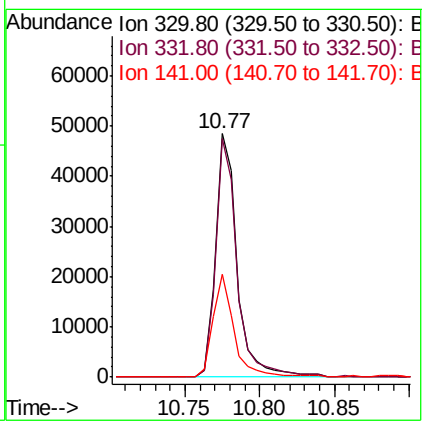


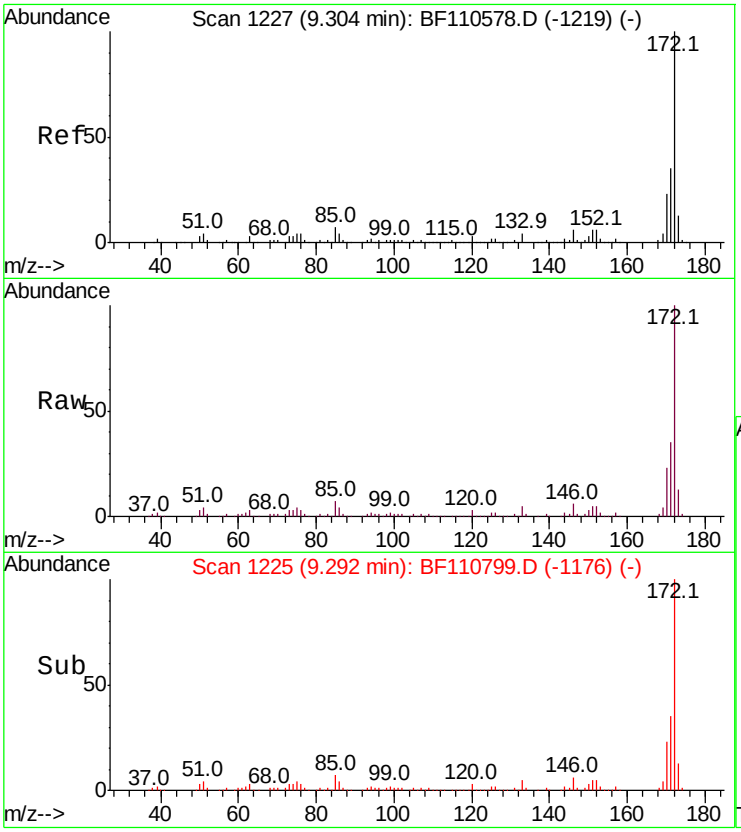


#42
2,4,6-Tribromophenol
Concen: 46.211 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion:330 Resp: 49187

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	41.0	27.0	40.4#

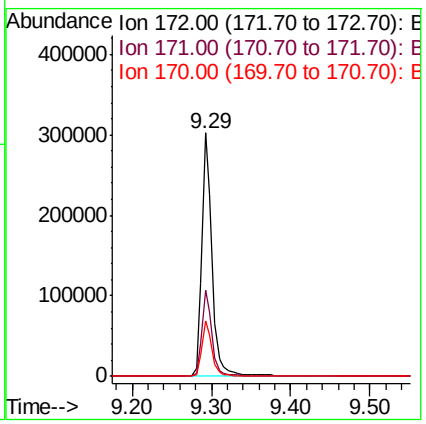




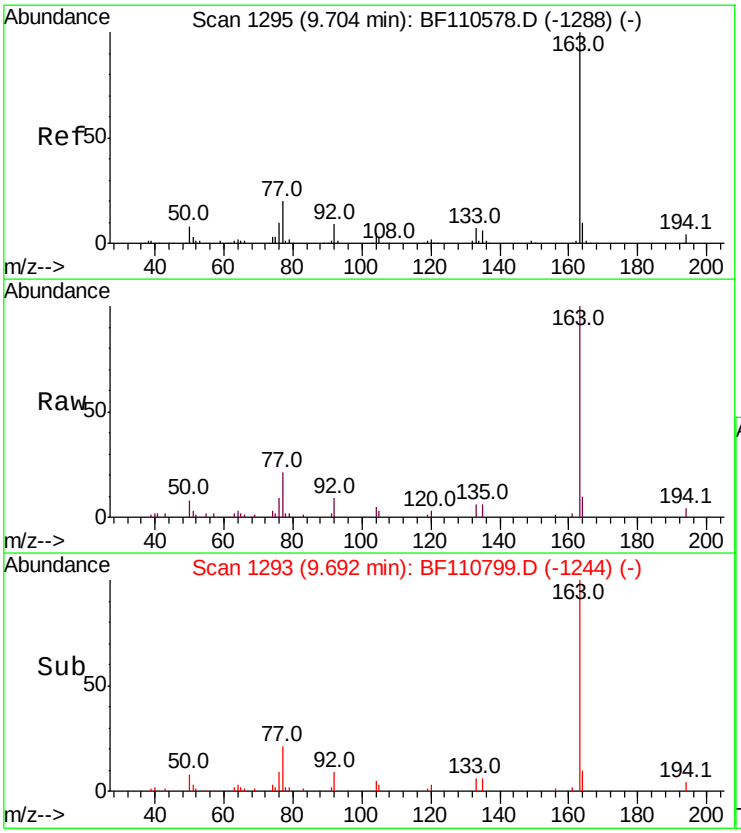
#45
2-Fluorobiphenyl
Concen: 37.627 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion:172 Resp: 278306

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.0	19.7	29.5



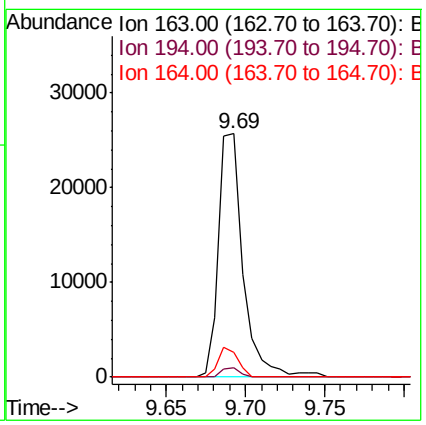
Instrument :
BNA_F
ClientSampleId :

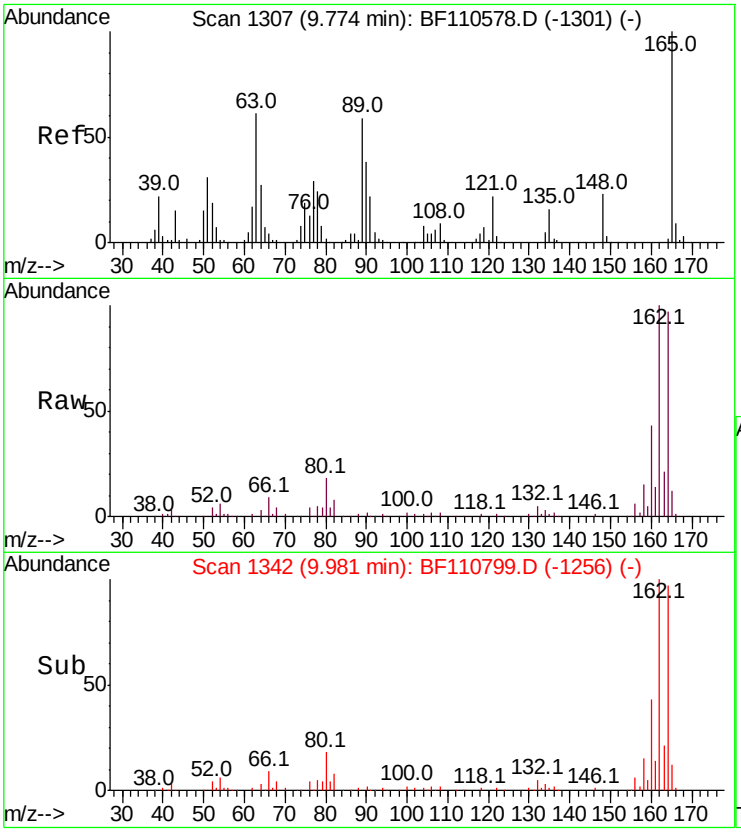


#50
Dimethylphthalate
Concen: 3.511 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion:163 Resp: 27671

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.0	8.1	12.1



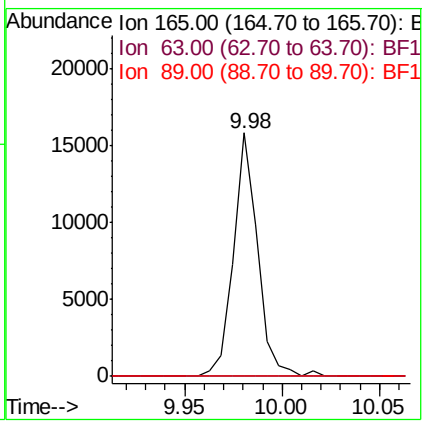


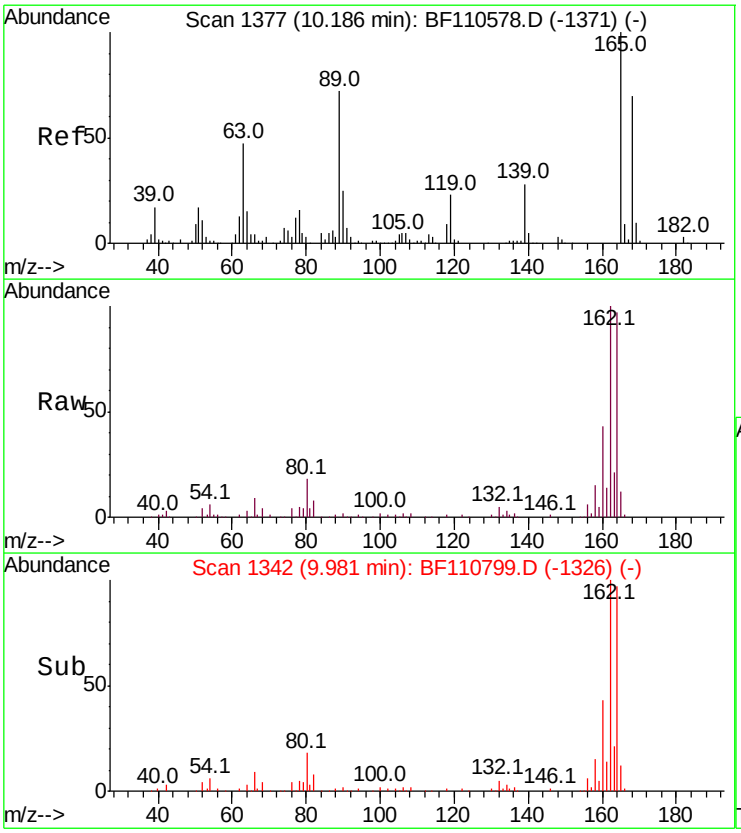
#51
2,6-Dinitrotoluene
Concen: 7.833 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13582

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

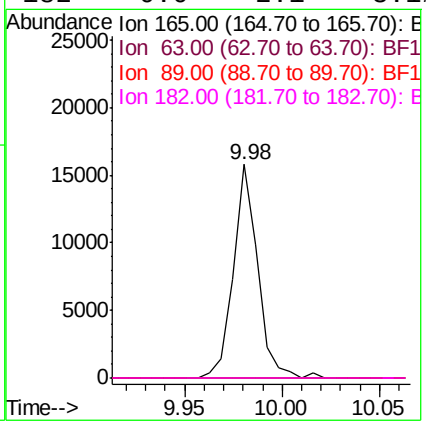


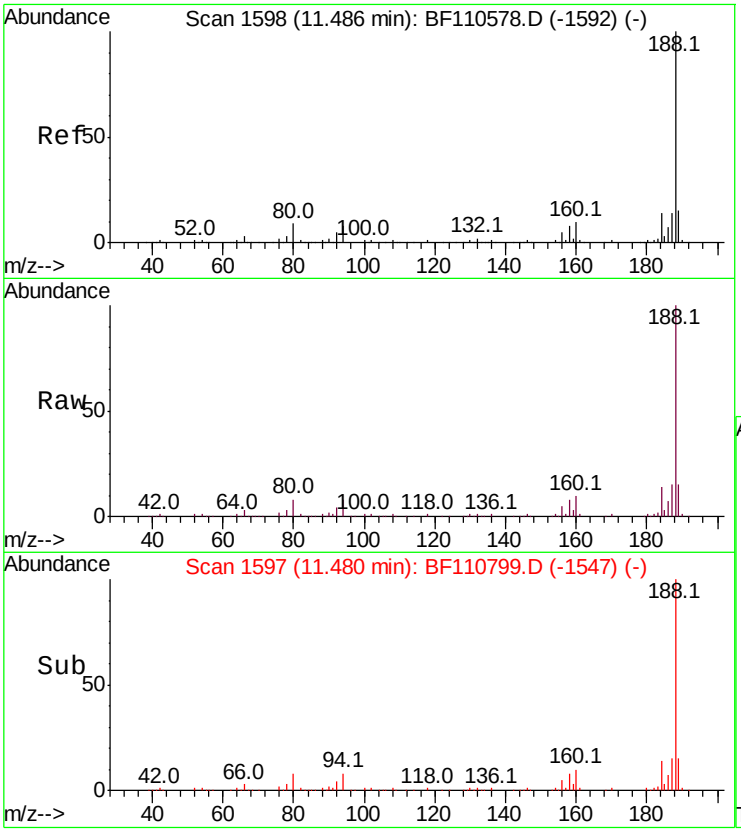


#57
2,4-Dinitrotoluene
Concen: 6.024 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion:165 Resp: 13582

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#



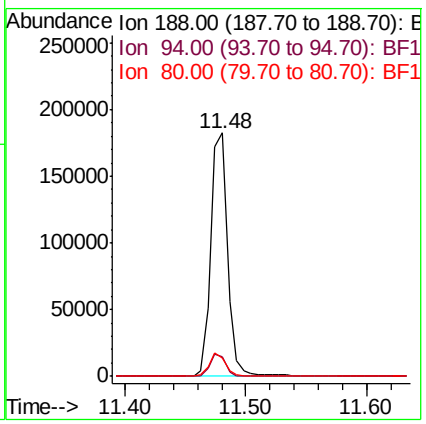


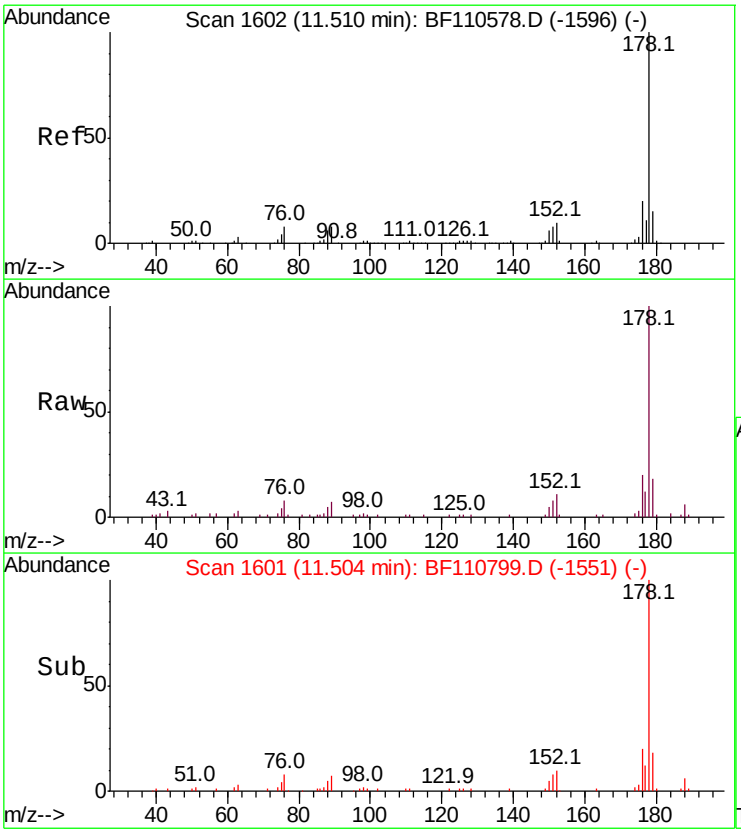
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 174246

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	7.8	7.9	11.9#

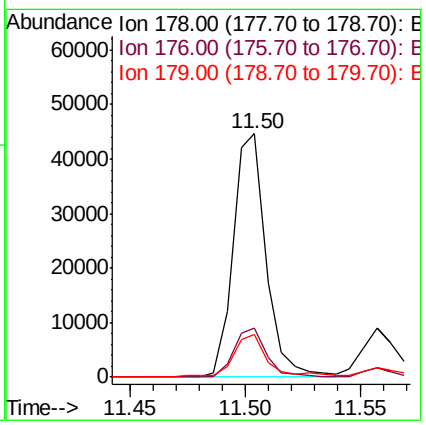


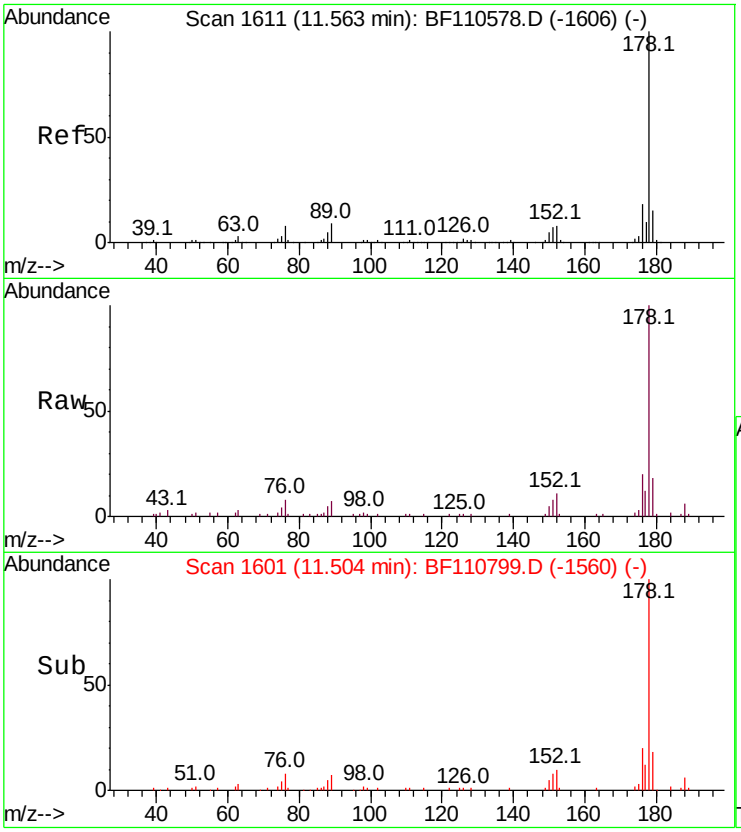


#71
Phenanthrene
Concen: 4.762 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion:178 Resp: 44457

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	17.6	12.5	18.7



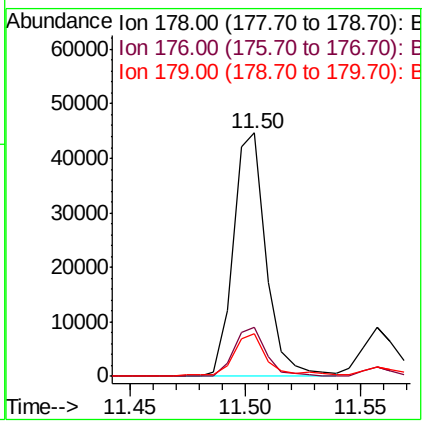


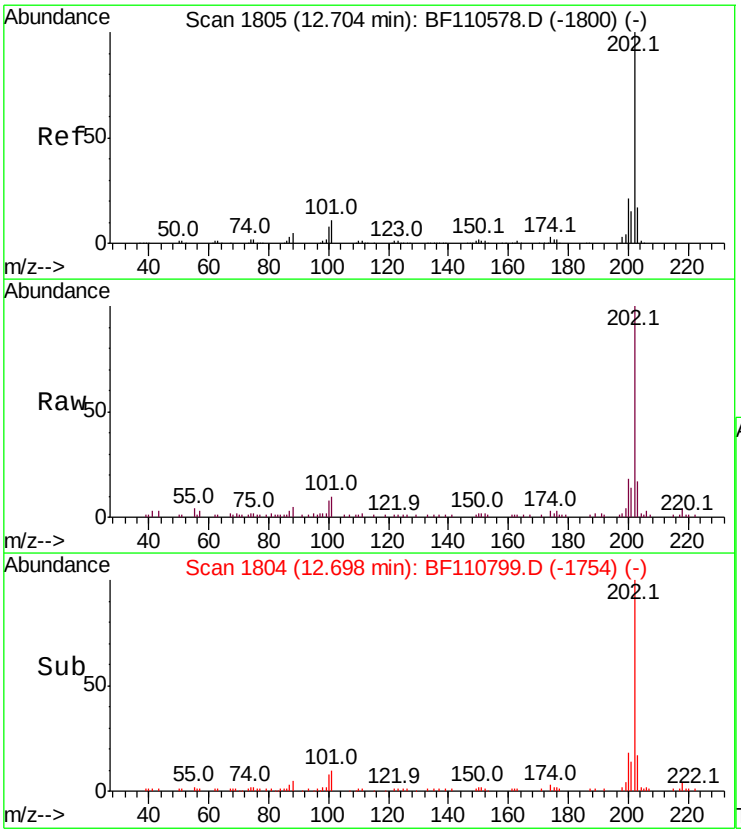
#72
Anthracene
Concen: 4.721 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.06 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 44457

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	17.6	12.6	18.8

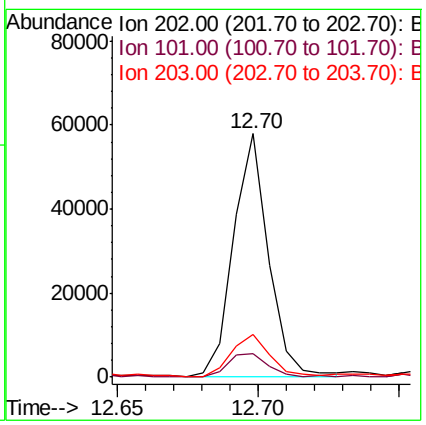


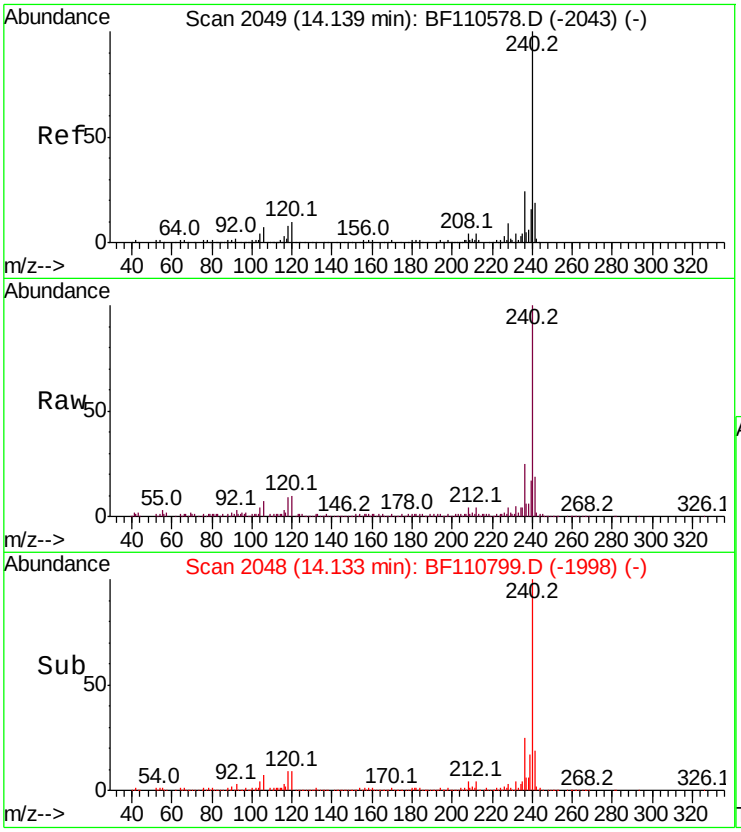


#75
Fluoranthene
Concen: 5.345 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion:202 Resp: 50025

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	31.4
203	17.4	0.0	37.7



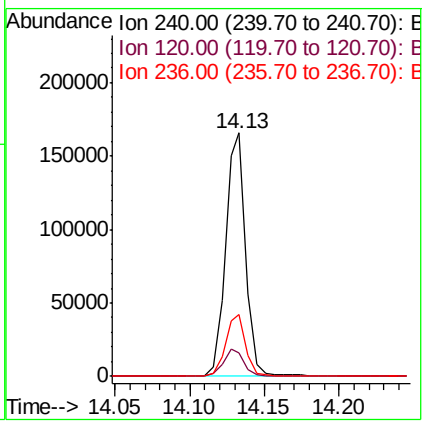


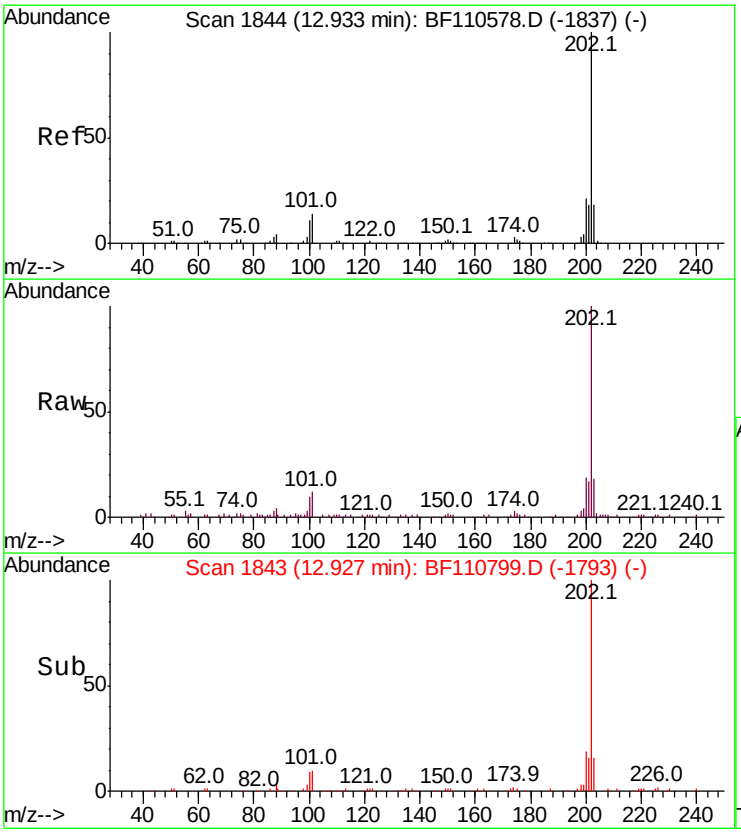
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 157672

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.3	12.5
236	25.3	21.2	31.8

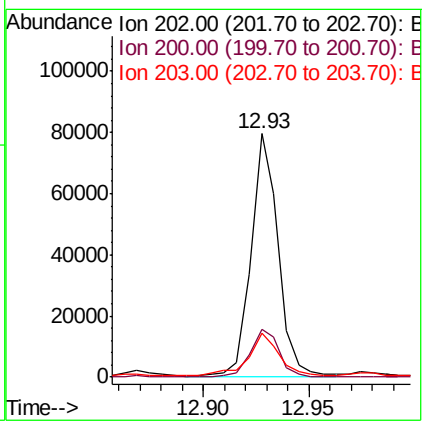


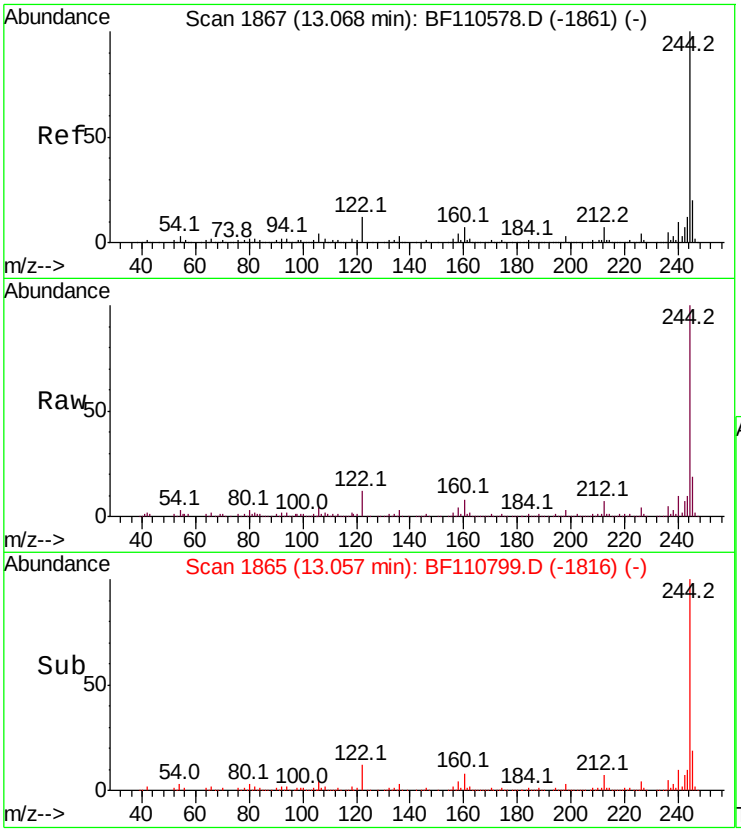


#78
Pyrene
Concen: 5.817 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion:202 Resp: 70621

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.8	26.6
203	18.0	14.2	21.4



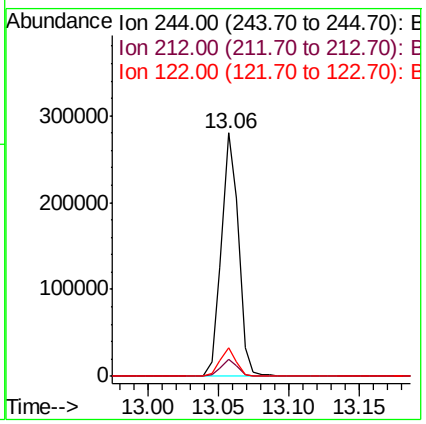


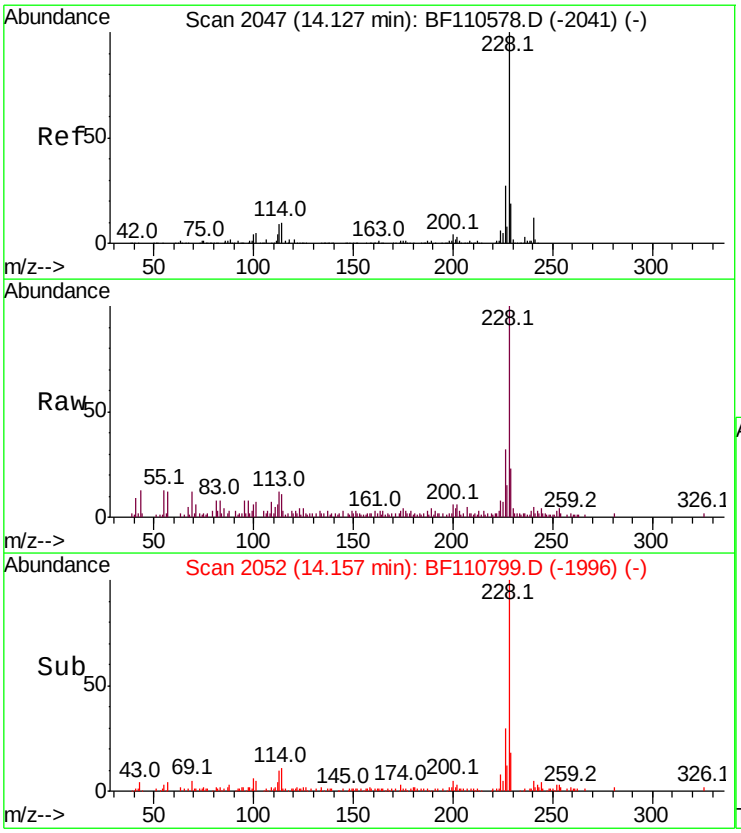
#79
Terphenyl-d14
Concen: 28.115 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 236707

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.9	8.7	13.1

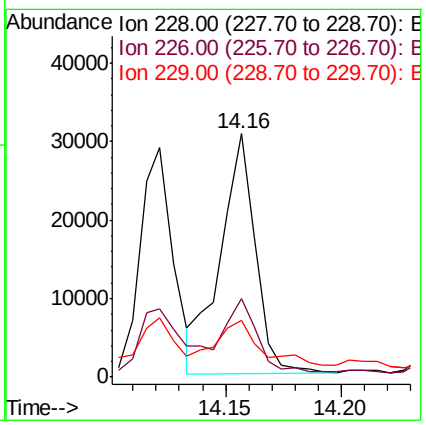


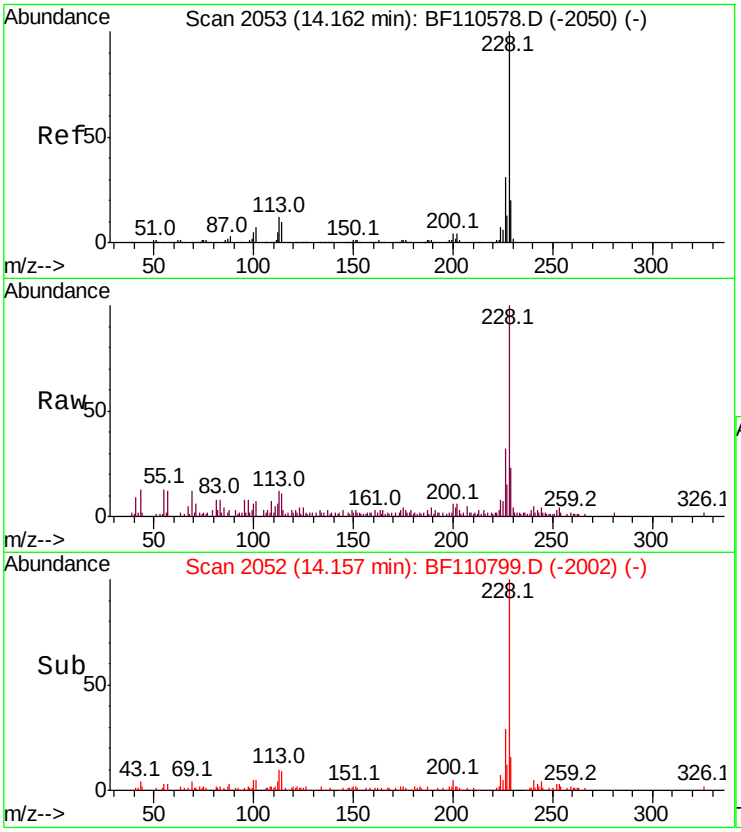


#81
Benzo(a)anthracene
Concen: 3.424 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.03 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion:228 Resp: 32270

Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.1	33.1
229	23.2	15.6	23.4



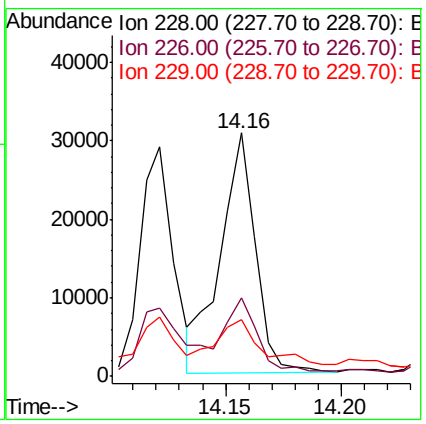


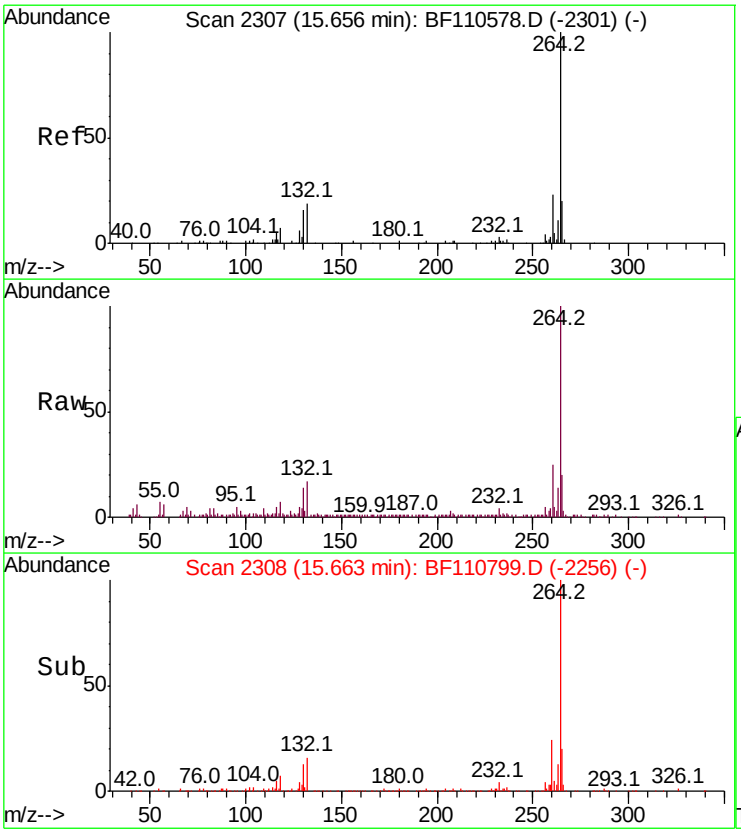
#83
Chrysene
Concen: 3.594 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 32270

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.7	37.1
229	23.2	15.9	23.9

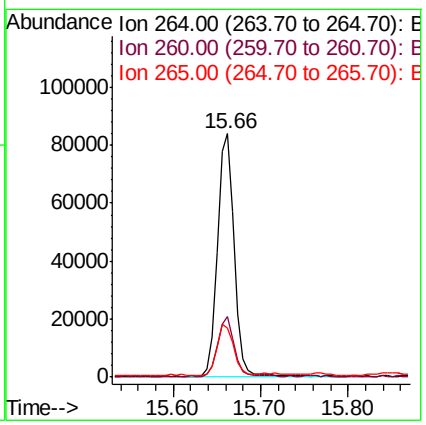


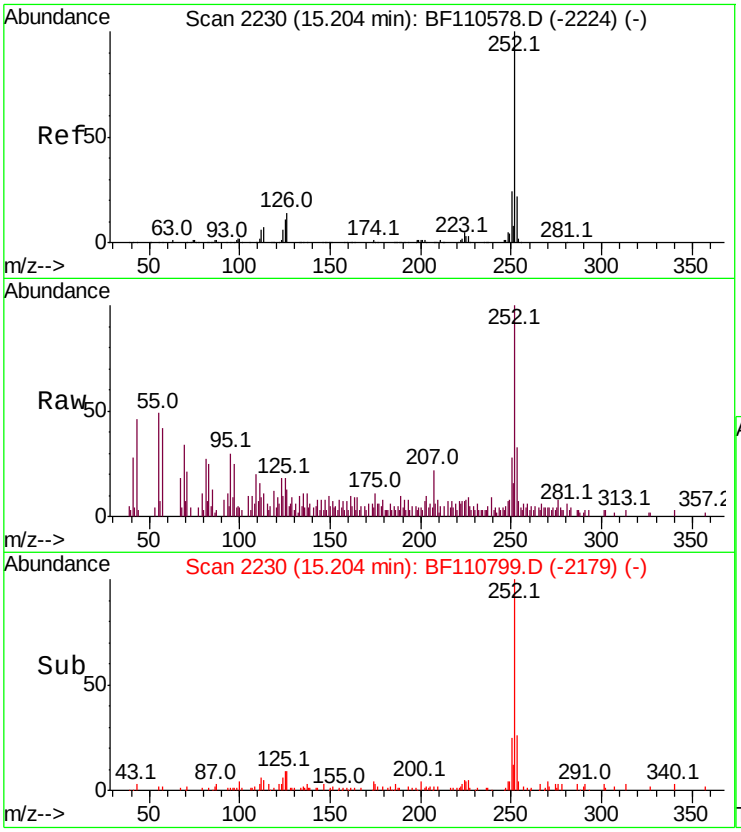


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion:264 Resp: 112824

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	20.4	16.7	25.1



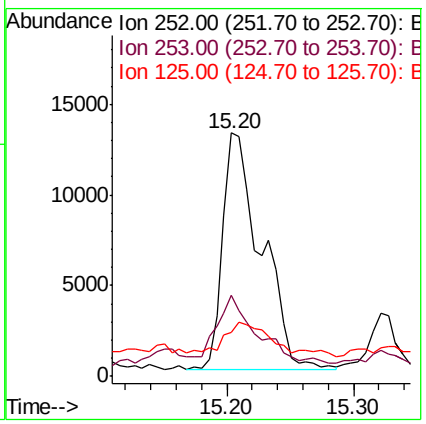


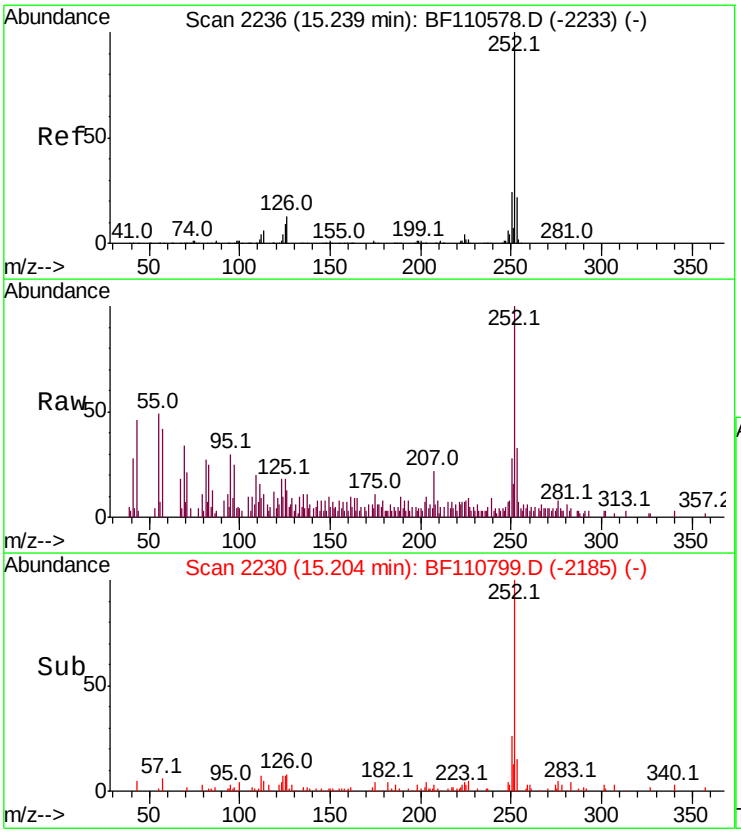
#88
Benzo(b)fluoranthene
Concen: 4.127 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 27852

Ion	Ratio	Lower	Upper
252	100		
253	33.1	17.2	25.8#
125	18.2	8.2	12.4#

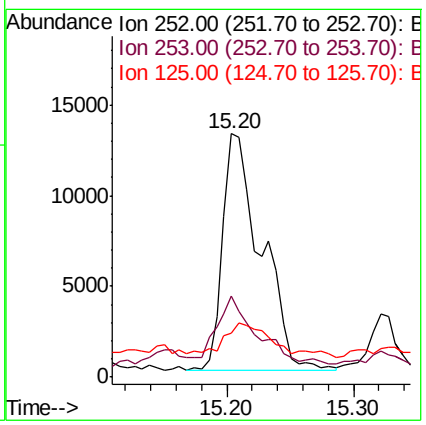


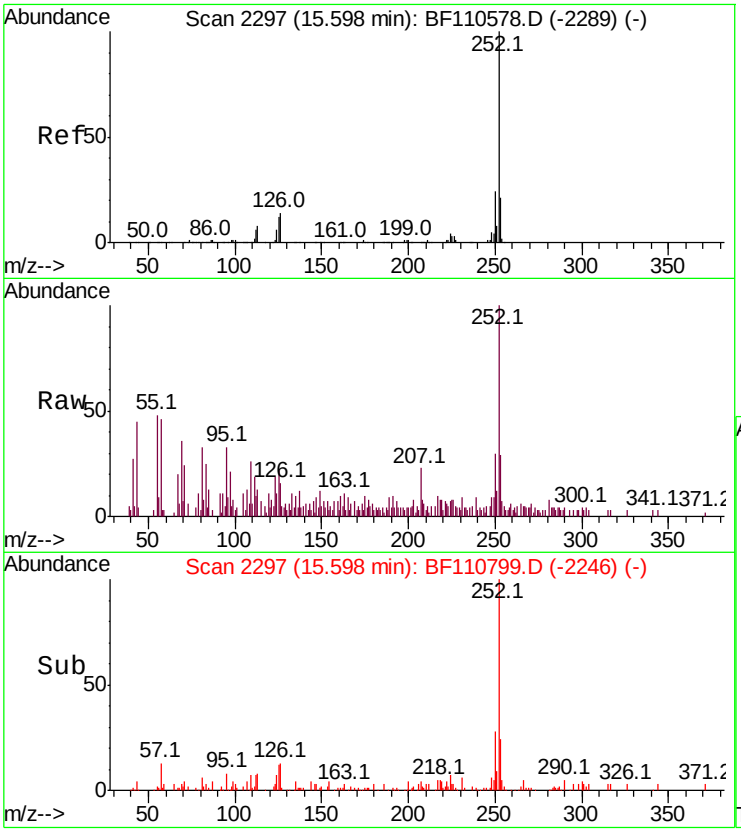


#89
Benzo(k)fluoranthene
Concen: 4.176 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Tgt Ion:252 Resp: 27852

Ion	Ratio	Lower	Upper
252	100		
253	33.1	17.2	25.8#
125	18.2	7.4	11.0#





#90
Benzo(a)pyrene
Concen: 2.538 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110799.D
Acq: 15 Nov 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 15563

Ion	Ratio	Lower	Upper
252	100		
253	29.2	18.2	27.4#
125	22.1	9.0	13.6#