Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110378.D
Acq On : 1 Nov 2018 20:07
Operator : JU/SJ
Sample : J5192-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 02 04:12:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	75497	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	281197	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	106740	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	172623	20.00	ng		0.00
76) Chrysene-d12	14.13	240	182917	20.00	ng		0.00
87) Perylene-d12	15.66	264	184749	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	207040	44.66	ng		0.00
7) Phenol-d6	6.57	99	248197	41.85	ng		0.00
23) Nitrobenzene-d5	7.52	82	151146	31.88	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	39565	37.42	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	258687	38.06	ng		0.00
79) Terphenyl-d14	13.07	244	218355	24.83	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.59	94	14569	2.298	ng	#	67
19) n-Nitroso-di-n-propylamine	7.52	70	19675	5.172	ng	#	79
25) Isophorone	7.52	82	151144	18.703	ng	#	67
50) Dimethylphthalate	9.70	163	31537	4.003	ng		97
51) 2,6-Dinitrotoluene	10.00	165	13333	7.856	ng	#	21
57) 2,4-Dinitrotoluene	10.00	165	13333	6.185	ng	#	17
71) Phenanthrene	11.51	178	24713	2.736	ng		98
75) Fluoranthene	12.70	202	54905	5.989	ng		99
77) Benzidine	13.07	184	2943	Below Cal			98
78) Pyrene	12.93	202	52374	3.994	ng		97
81) Benzo(a)anthracene	14.12	228	31798	2.931	ng		95
83) Chrysene	14.16	228	26674	2.589	ng		97
88) Benzo(b)fluoranthene	15.20	252	48095	4.508	ng	#	93
89) Benzo(k)fluoranthene	15.20	252	48095	4.586	ng	#	92
90) Benzo(a)pyrene	15.59	252	25775	2.626	ng		99

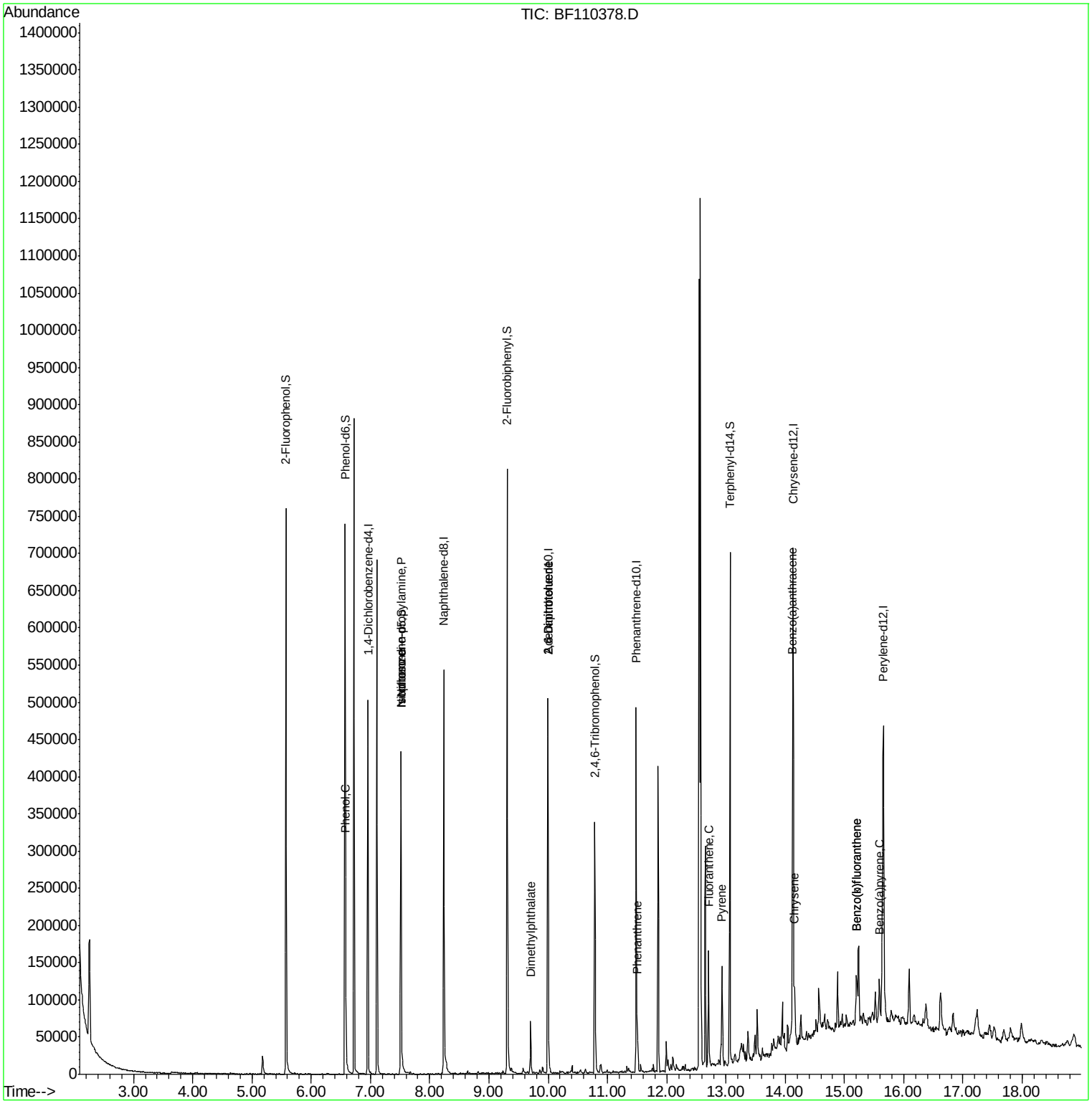
(#) = qualifier out of range (m) = manual integration (+) = signals summed

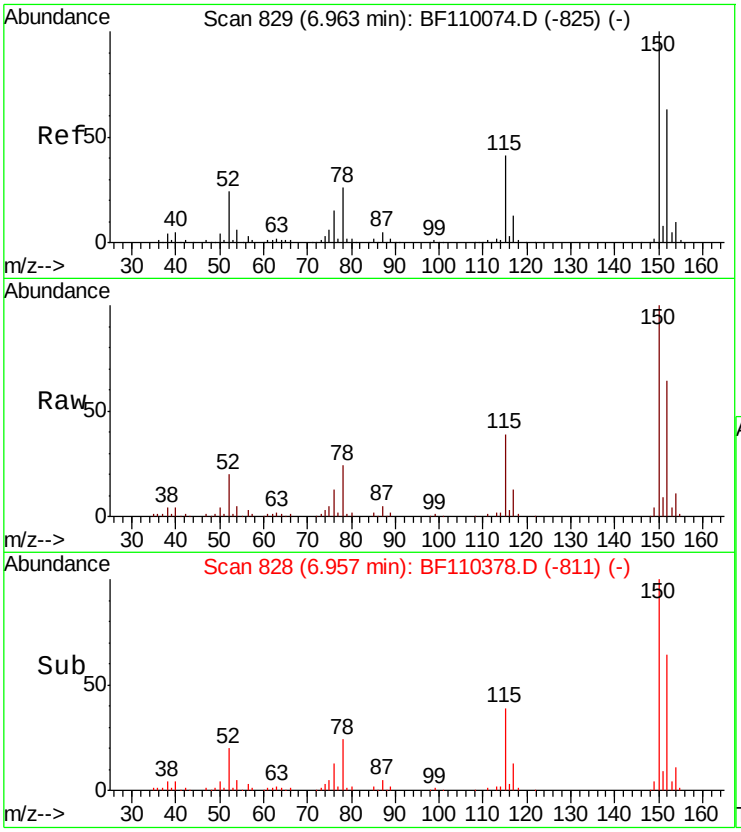
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110378.D
Acq On : 1 Nov 2018 20:07
Operator : JU/SJ
Sample : J5192-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 02 04:12:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration



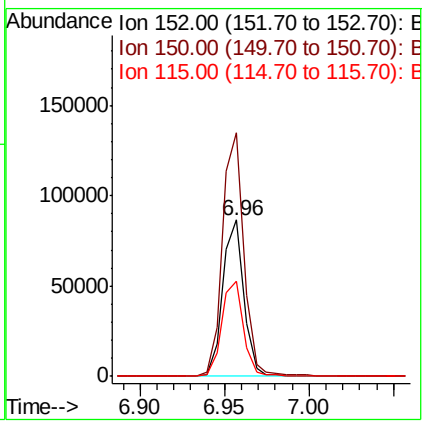


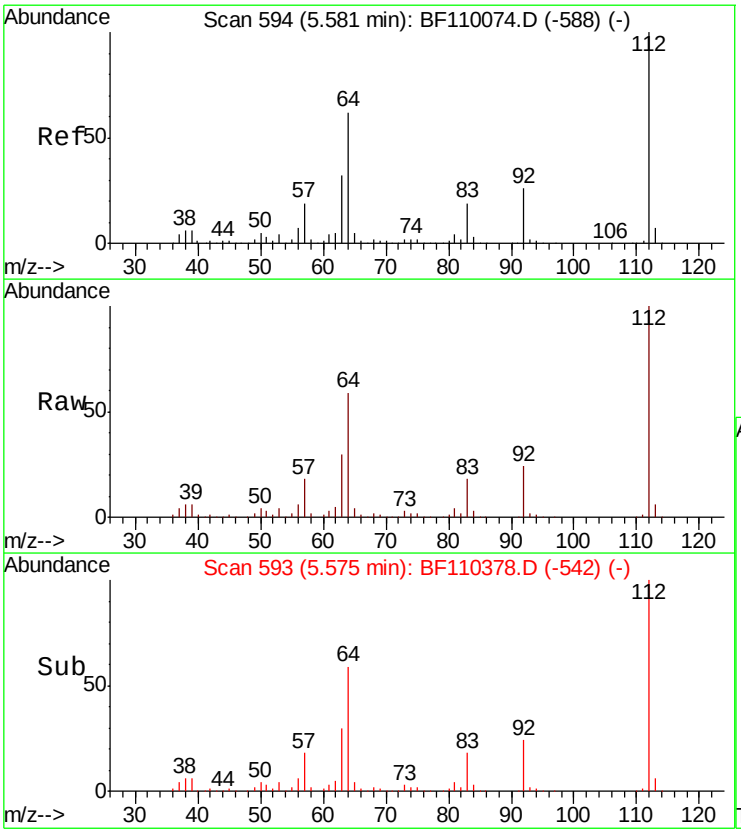
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 75497

Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.7	184.1
115	60.9	49.1	73.7

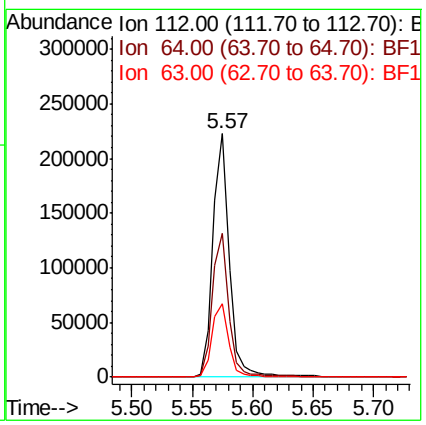


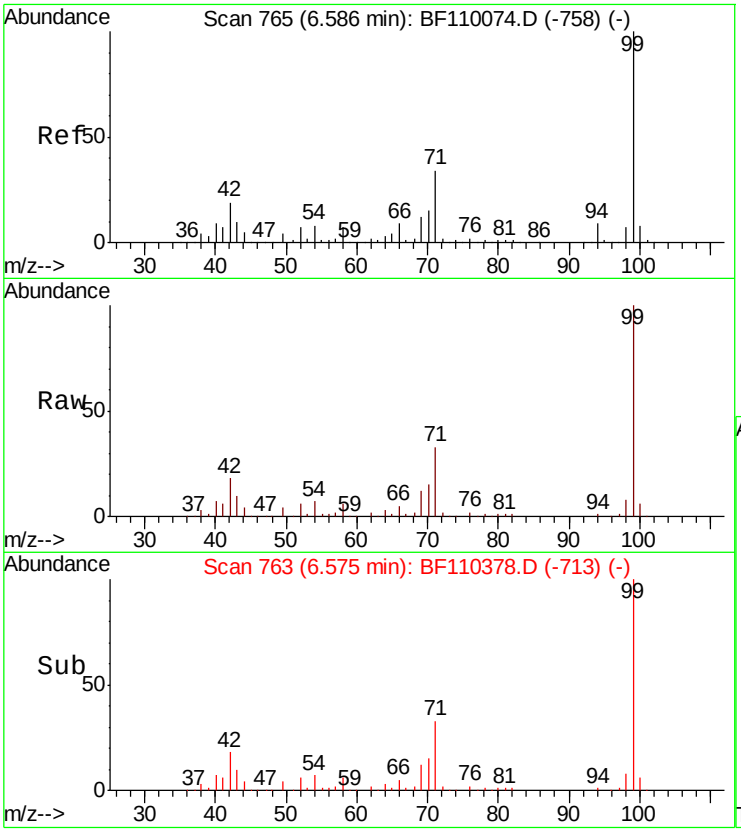


#5
2-Fluorophenol
Concen: 44.658 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Tgt Ion:112 Resp: 207040

Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.1	66.1
63	30.2	23.7	35.5



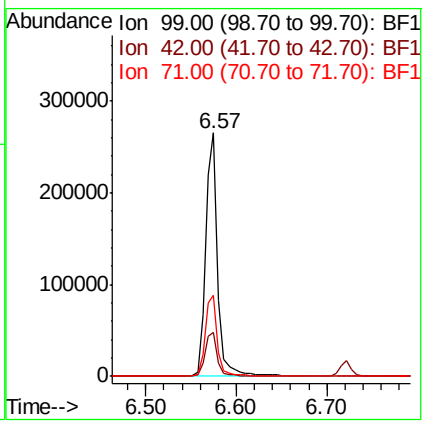


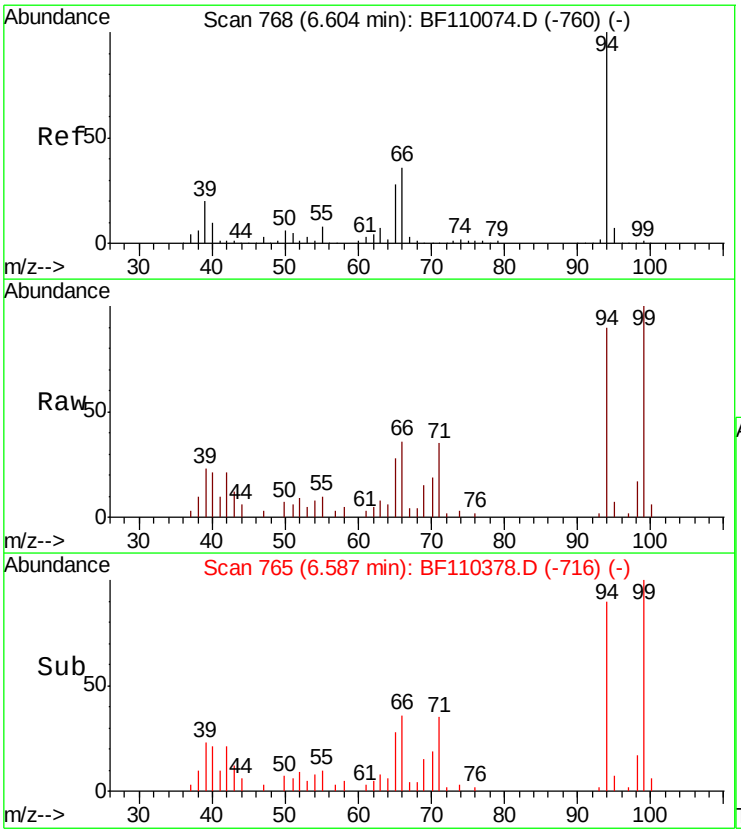
#7
Phenol-d6
Concen: 41.855 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 248197

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.8	23.6
71	33.4	28.0	42.0

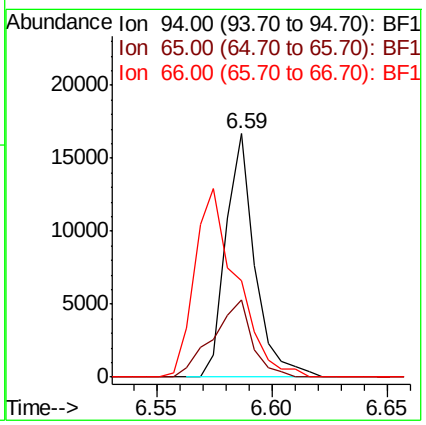


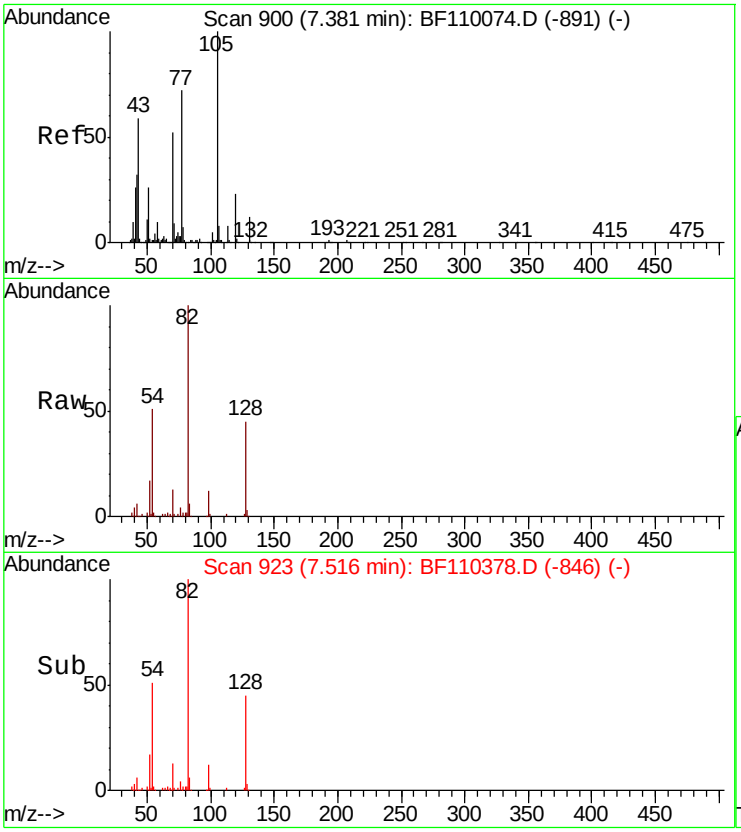


#10
Phenol
Concen: 2.298 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Tgt Ion: 94 Resp: 14569

Ion	Ratio	Lower	Upper
94	100		
65	31.5	25.3	65.3
66	39.9	54.5	94.5#



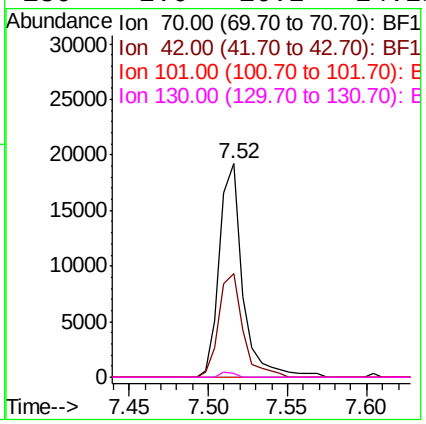


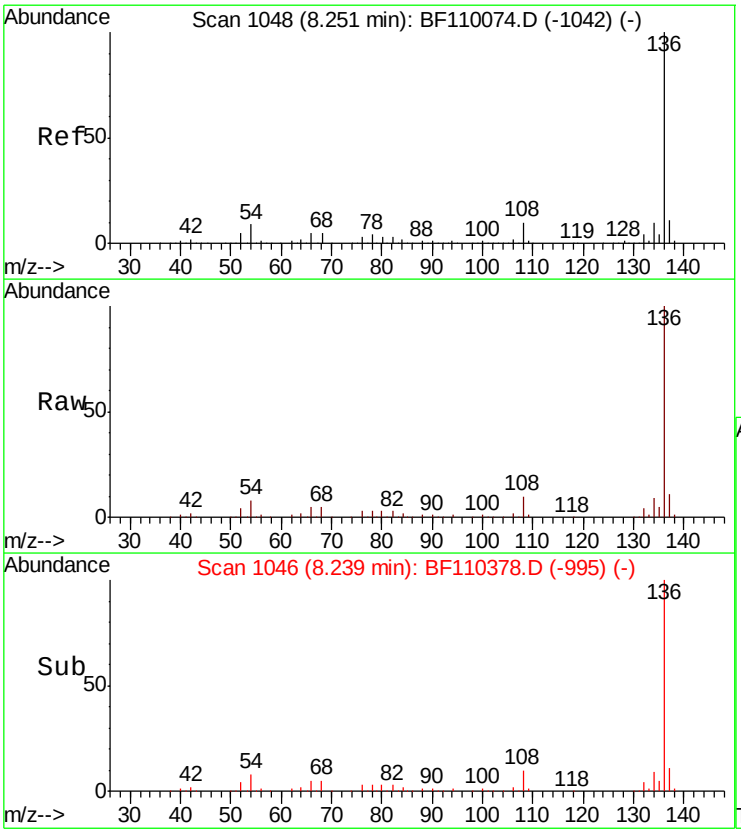
#19
n-Nitroso-di-n-propylamine
Concen: 5.172 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 19675

Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.0	16.2	24.2#

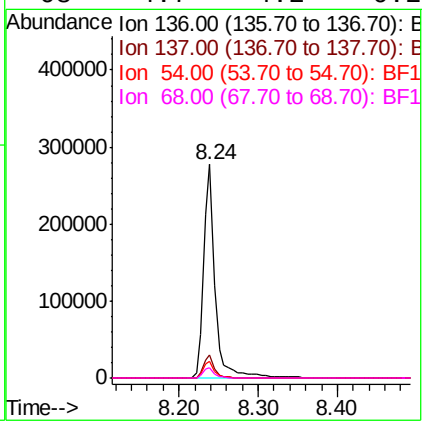


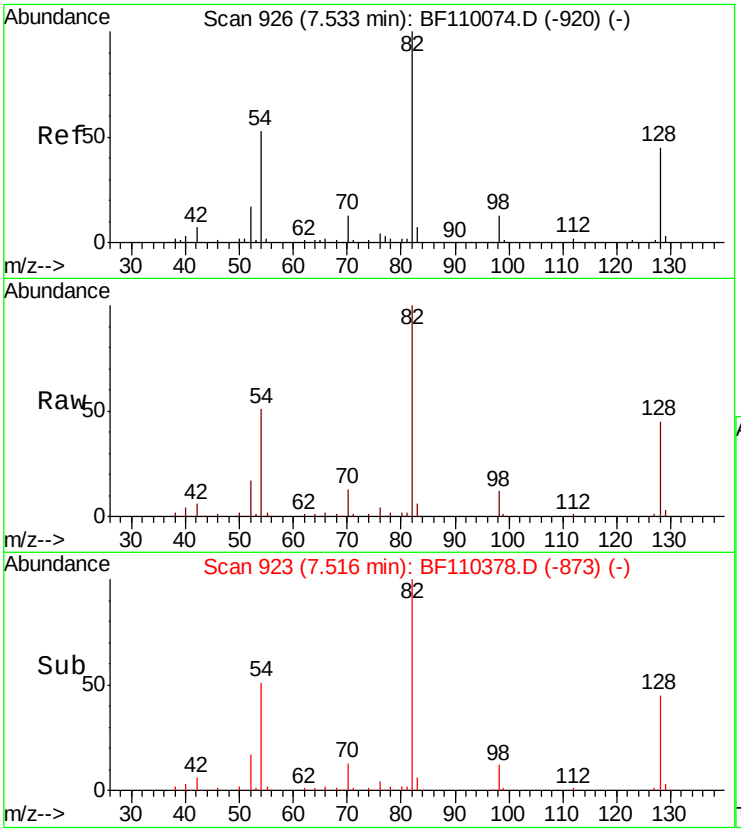


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Tgt Ion:136 Resp: 281197

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	5.4	8.2
68	4.7	4.2	6.2



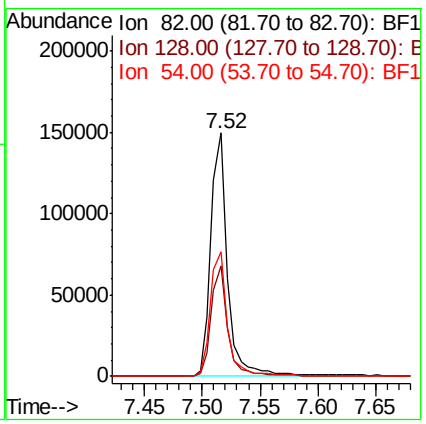


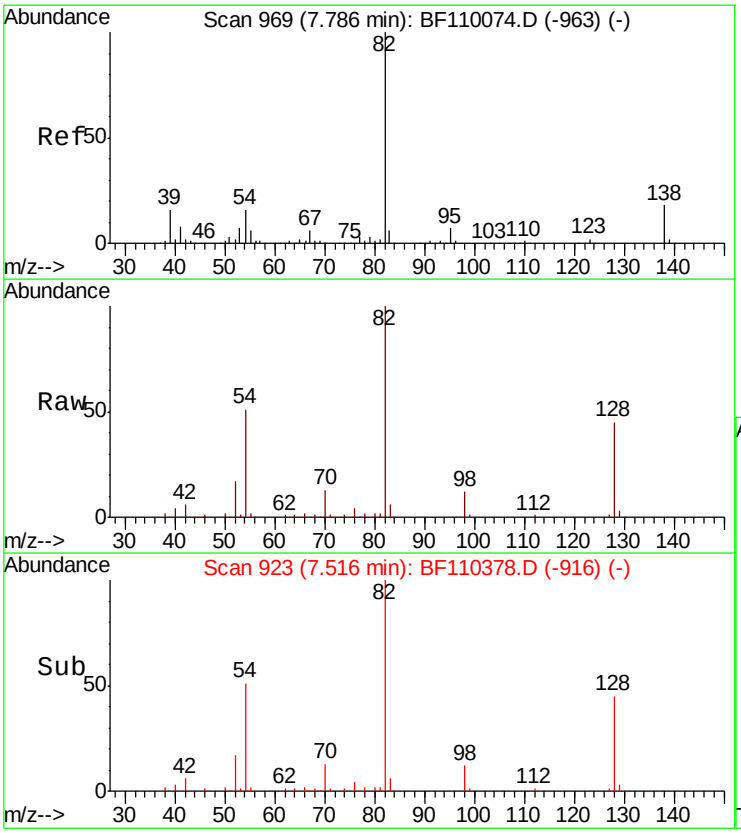
#23
Nitrobenzene-d5
Concen: 31.881 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 151146

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.2	51.2
54	51.4	38.6	58.0

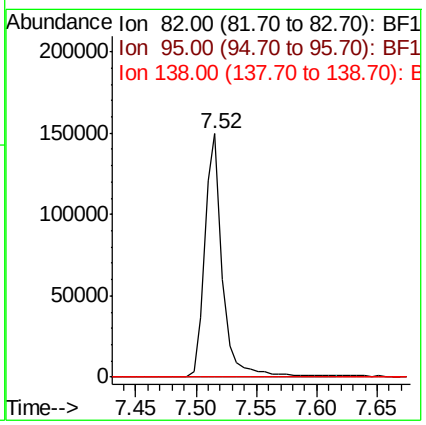


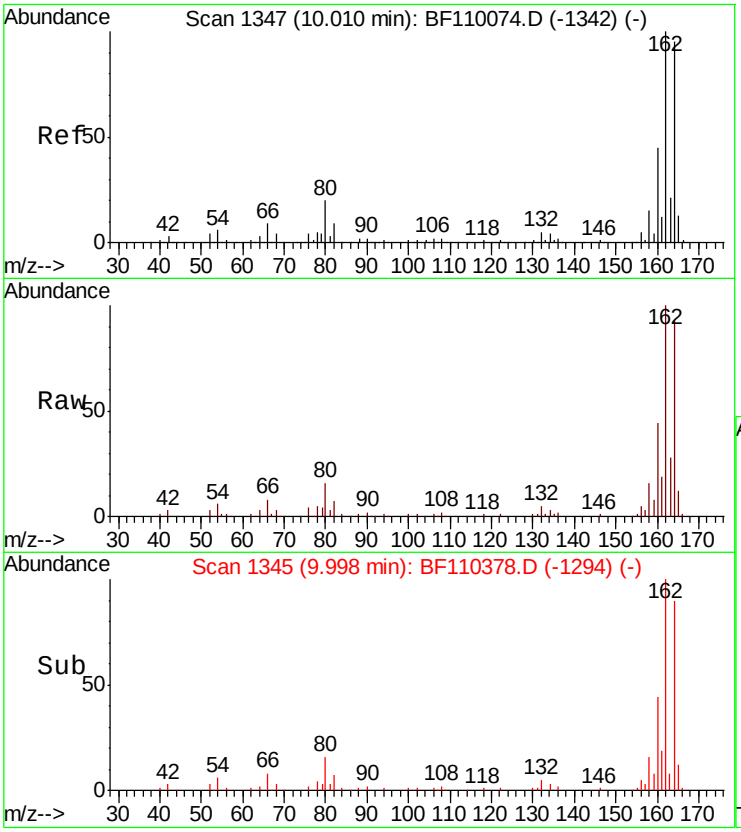


#25
Isophorone
Concen: 18.703 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Tgt Ion: 82 Resp: 151144

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



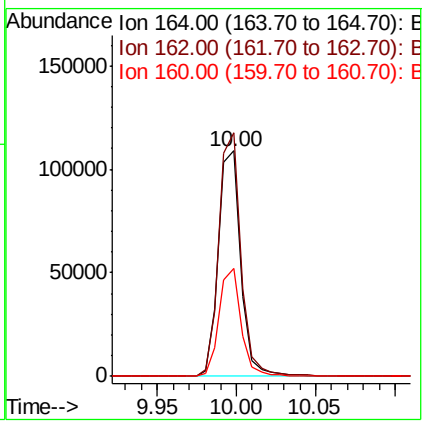


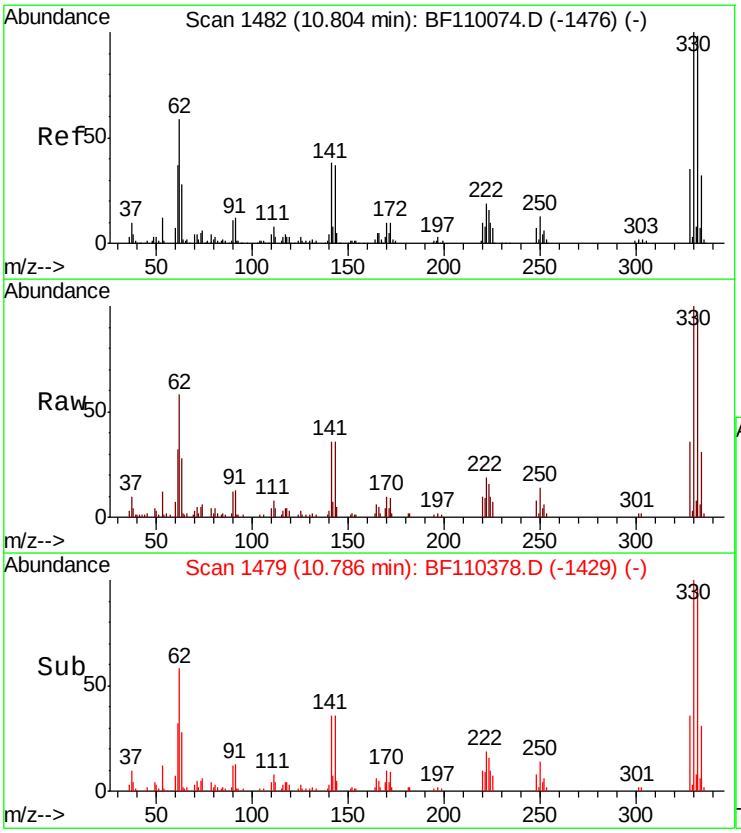
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 106740

Ion	Ratio	Lower	Upper
164	100		
162	108.0	83.0	124.6
160	47.8	37.0	55.6

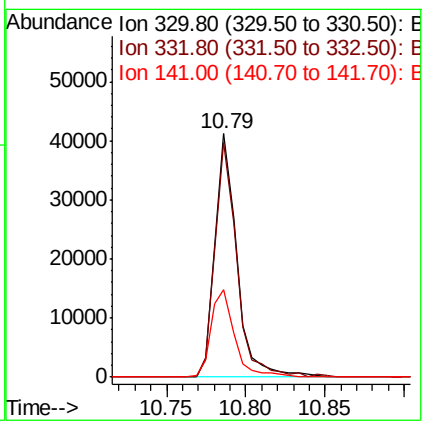


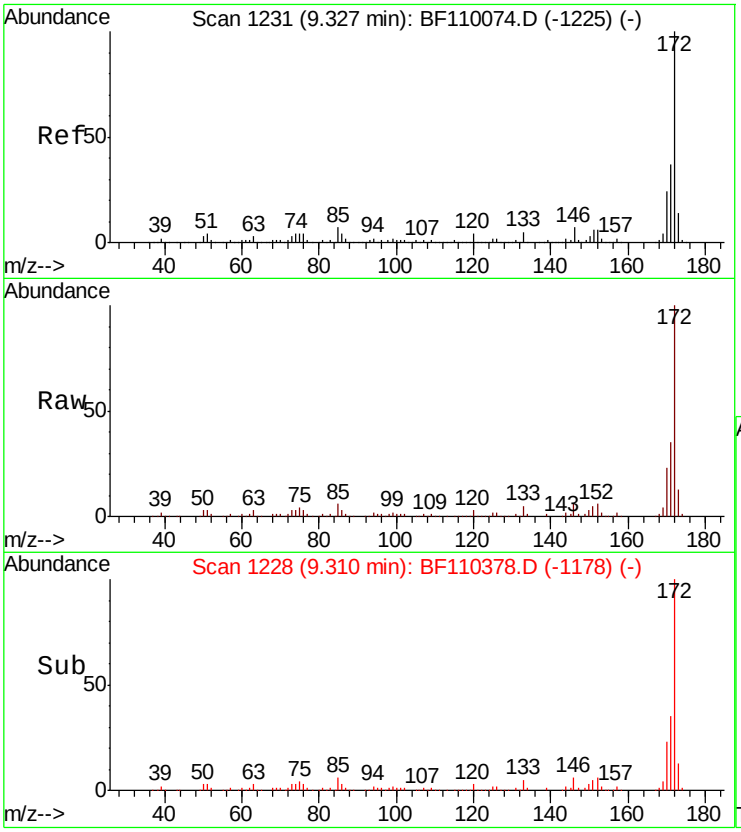


#42
2,4,6-Tribromophenol
Concen: 37.420 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Tgt Ion:330 Resp: 39565

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	38.7	27.0	40.4



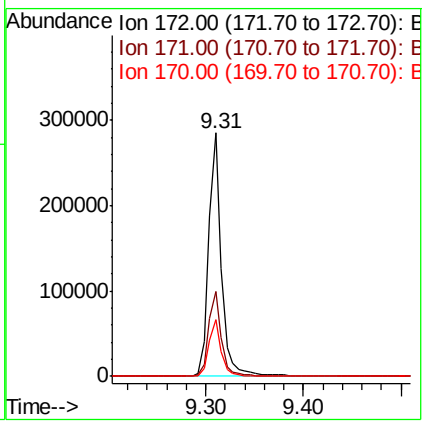


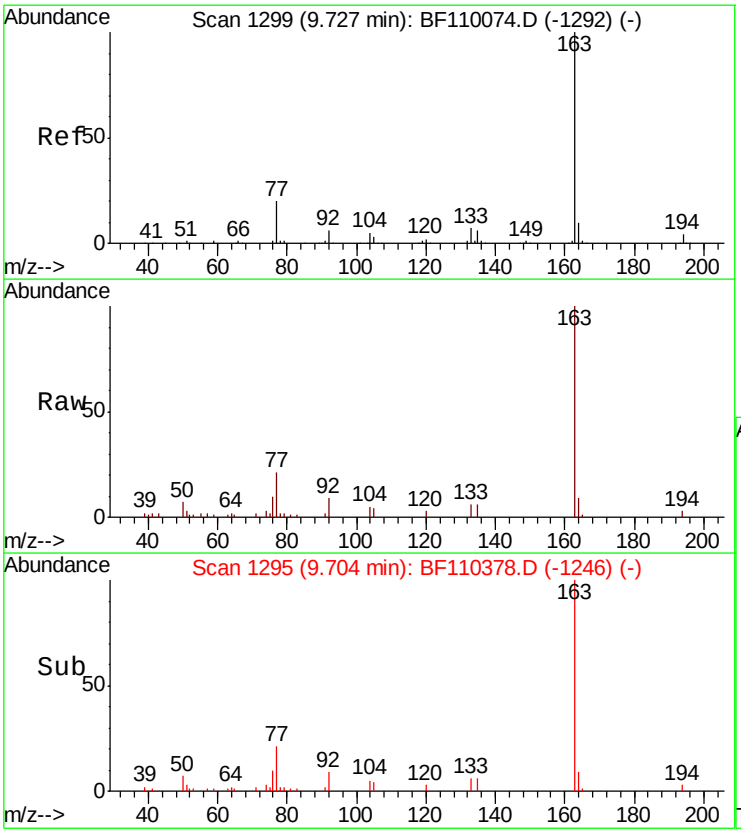
#45
2-Fluorobiphenyl
Concen: 38.056 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 258687

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	23.2	19.7	29.5

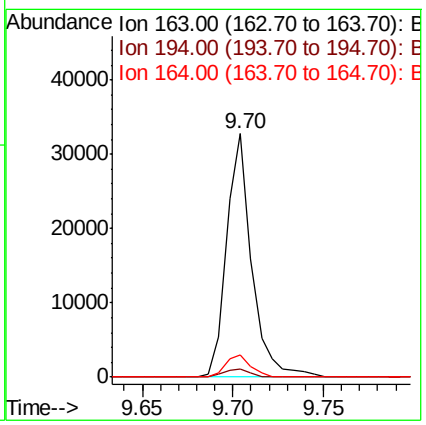


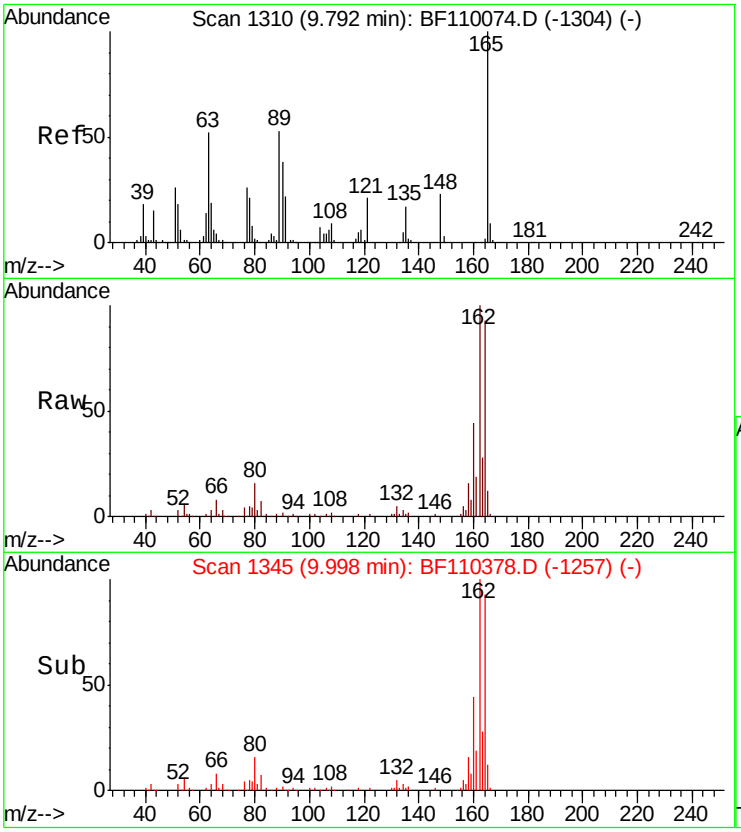


#50
Dimethylphthalate
Concen: 4.003 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Tgt Ion:163 Resp: 31537

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.2	4.8
164	9.0	8.1	12.1



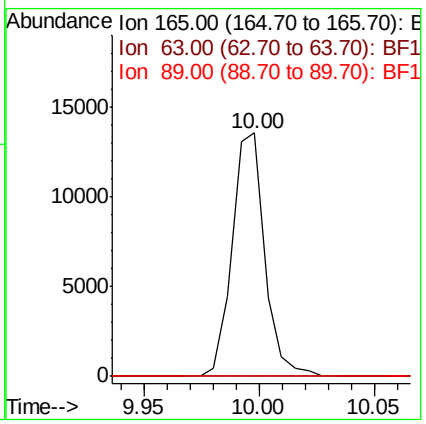


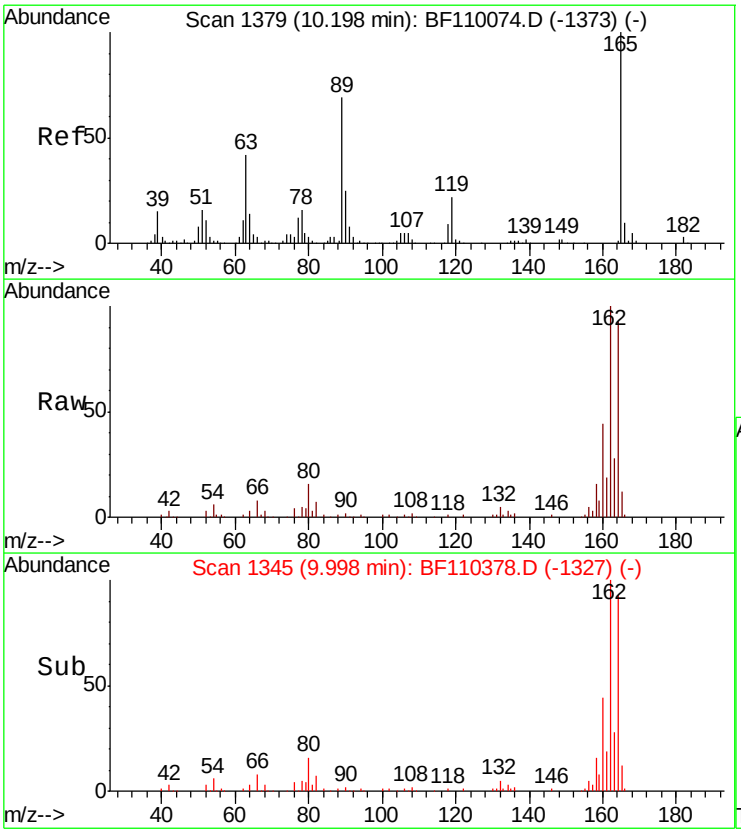
#51
2,6-Dinitrotoluene
Concen: 7.856 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.22 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13333

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

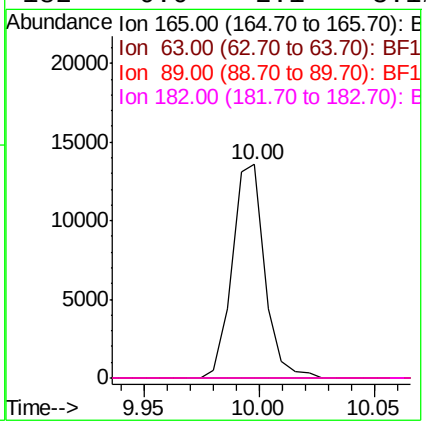


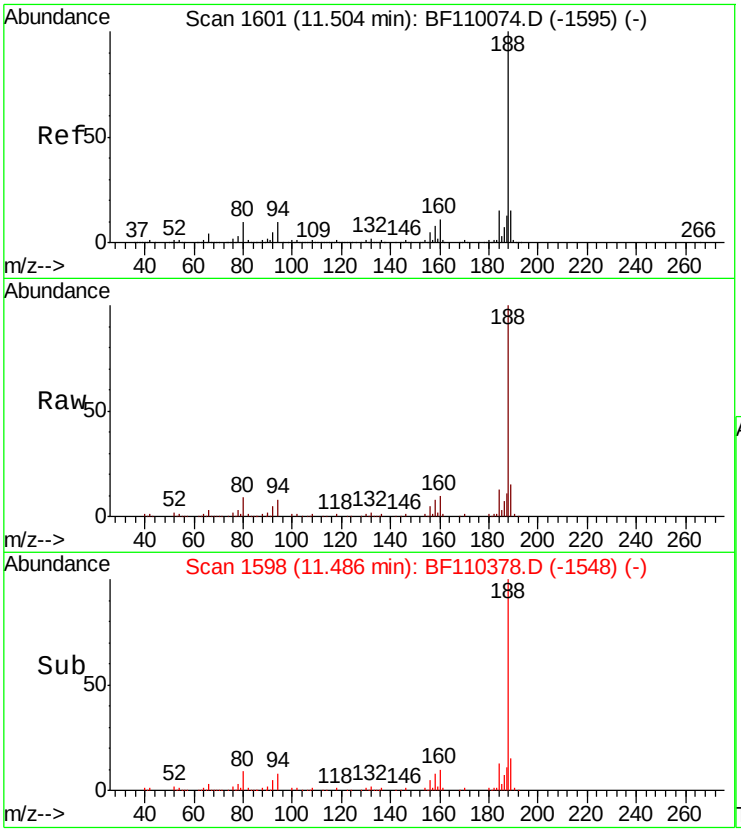


#57
2,4-Dinitrotoluene
Concen: 6.185 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Tgt Ion:165 Resp: 13333

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#



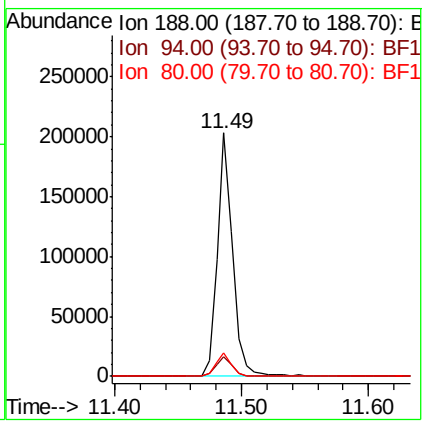


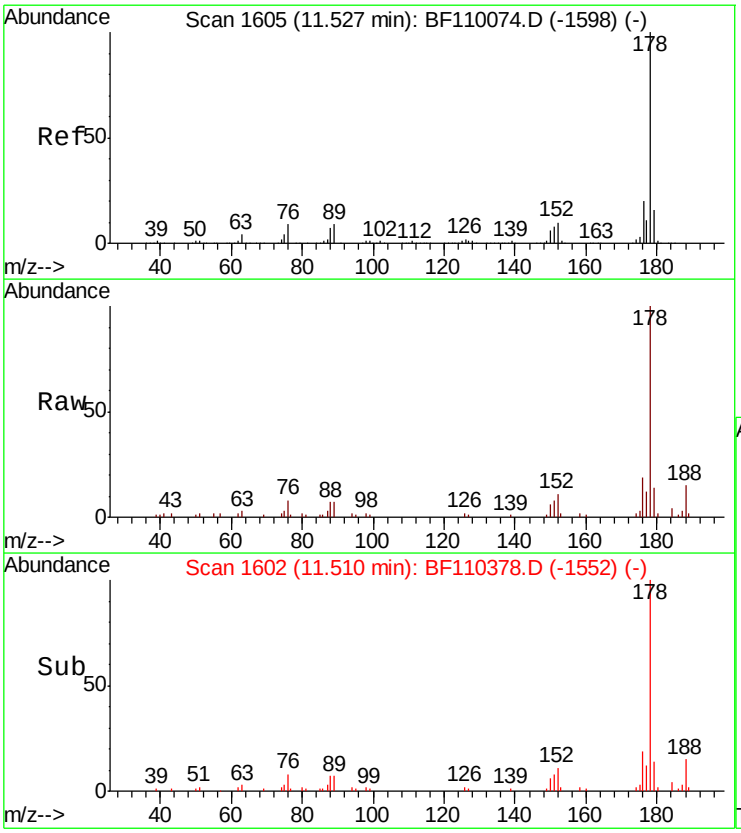
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 172623

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	9.4	7.9	11.9

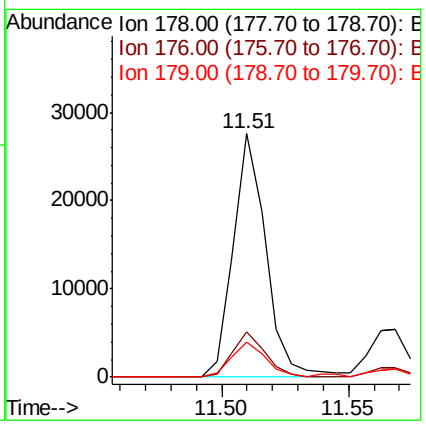


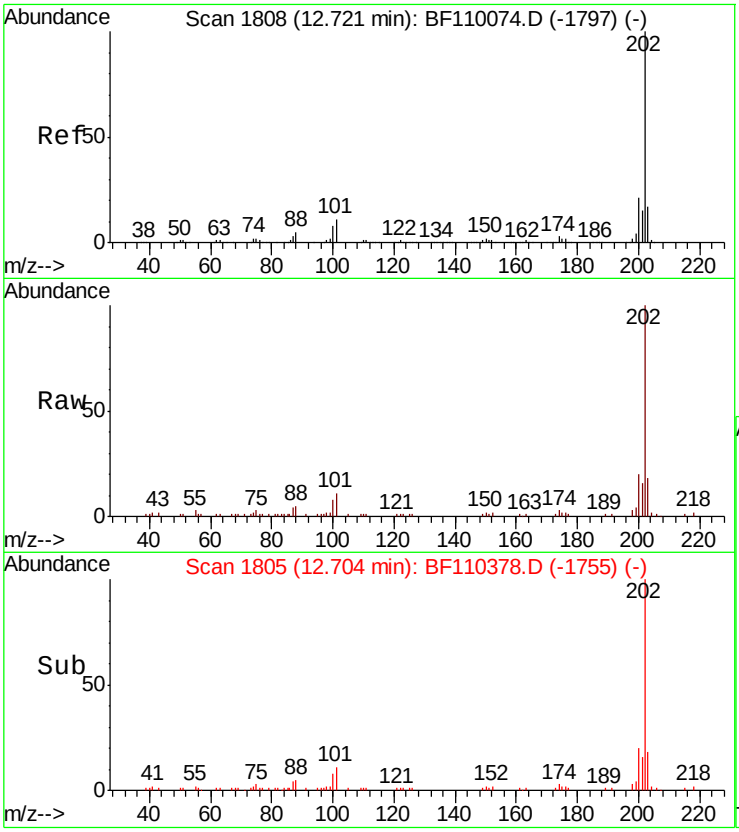


#71
Phenanthrene
Concen: 2.736 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Tgt Ion:178 Resp: 24713

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	14.3	12.5	18.7



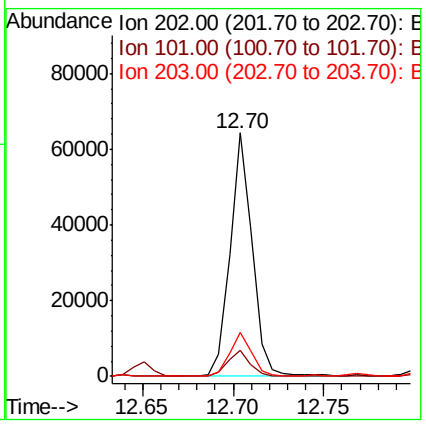


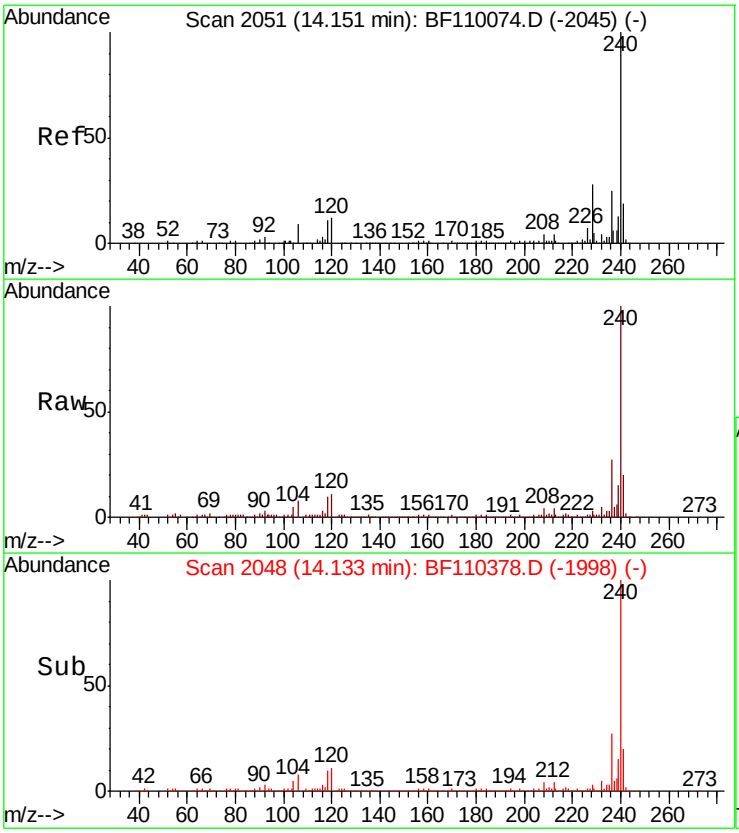
#75
Fluoranthene
Concen: 5.989 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 54905

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	18.0	0.0	37.7

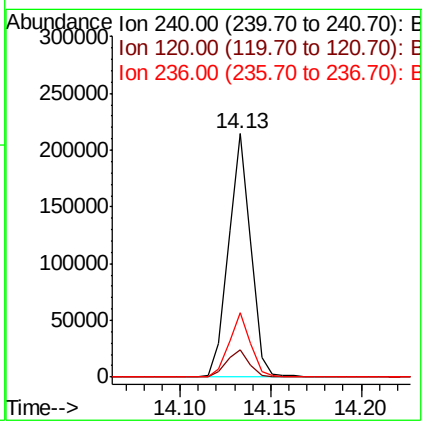


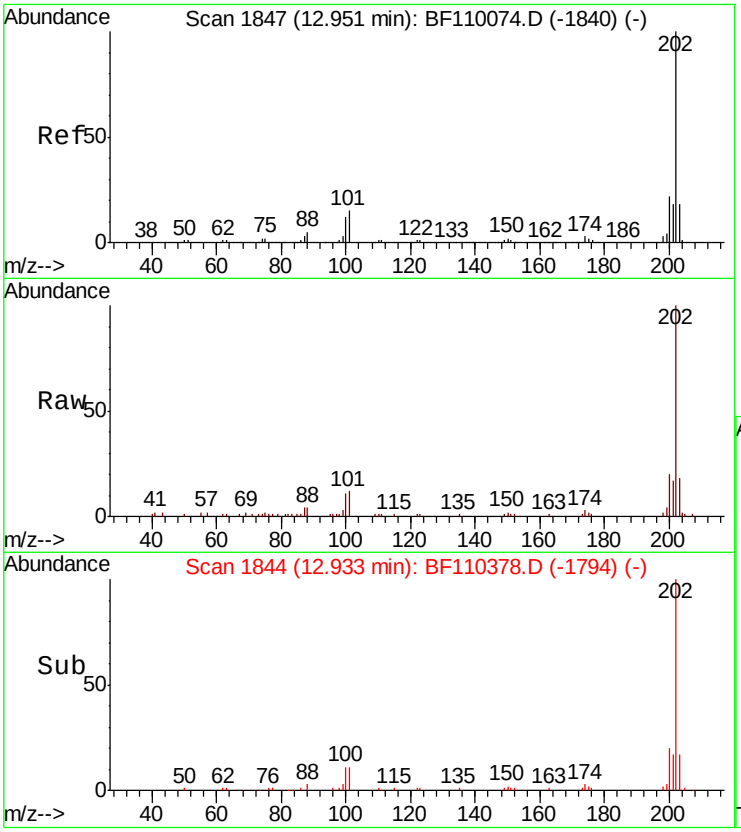


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Tgt Ion:240 Resp: 182917

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	26.6	21.2	31.8



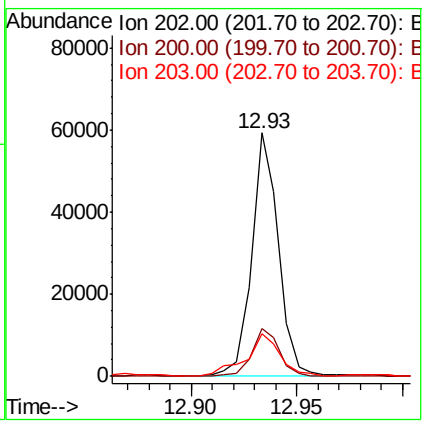


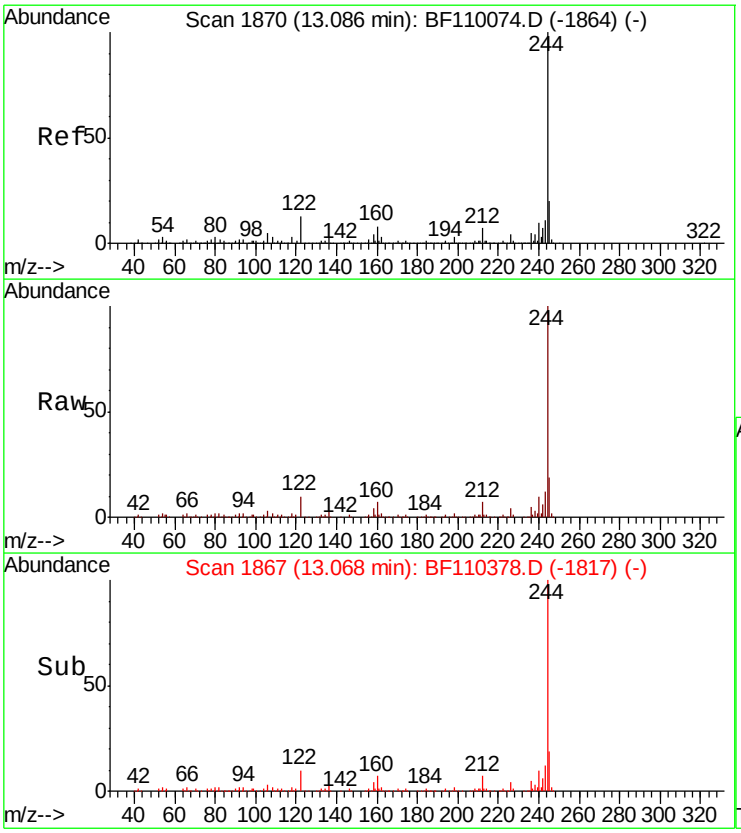
#78
Pyrene
Concen: 3.994 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 52374

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.8	26.6
203	17.7	14.2	21.4

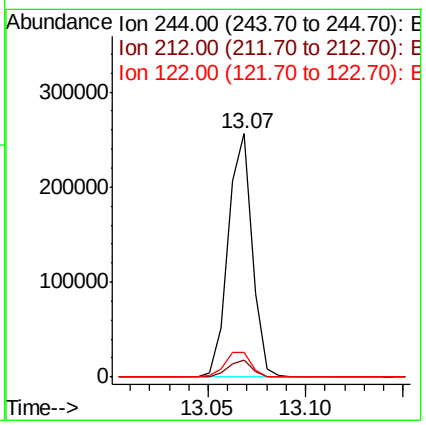


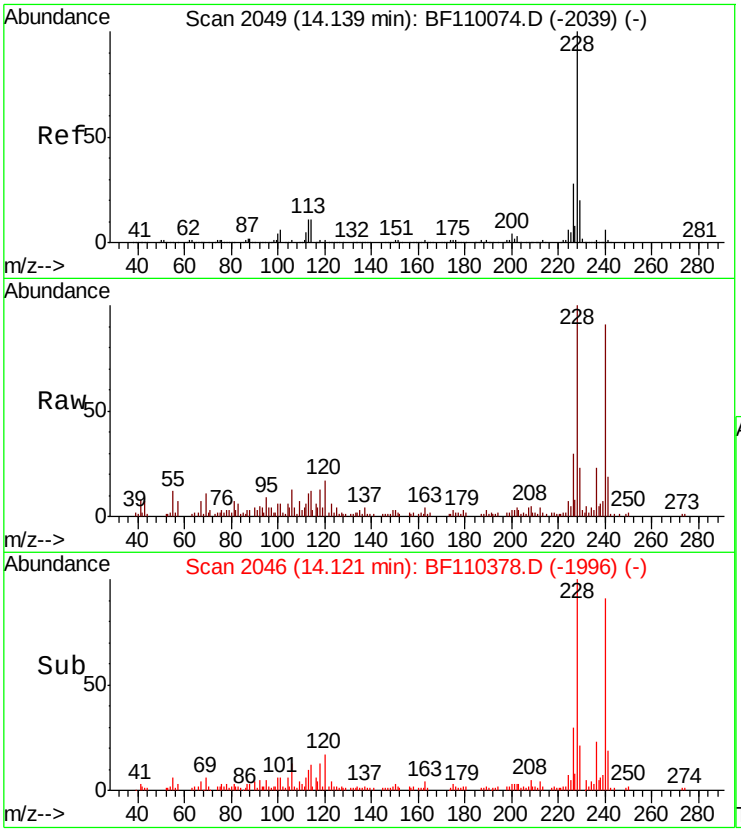


#79
Terphenyl-d14
Concen: 24.826 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Tgt Ion:244 Resp: 218355

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.4	8.7	13.1



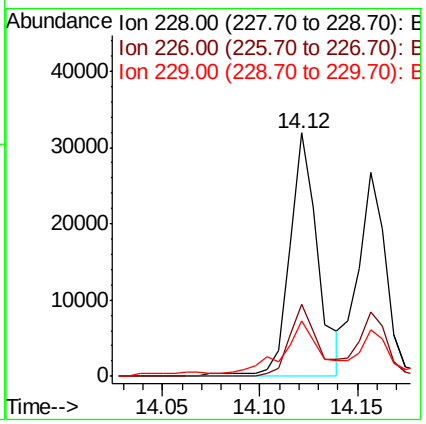


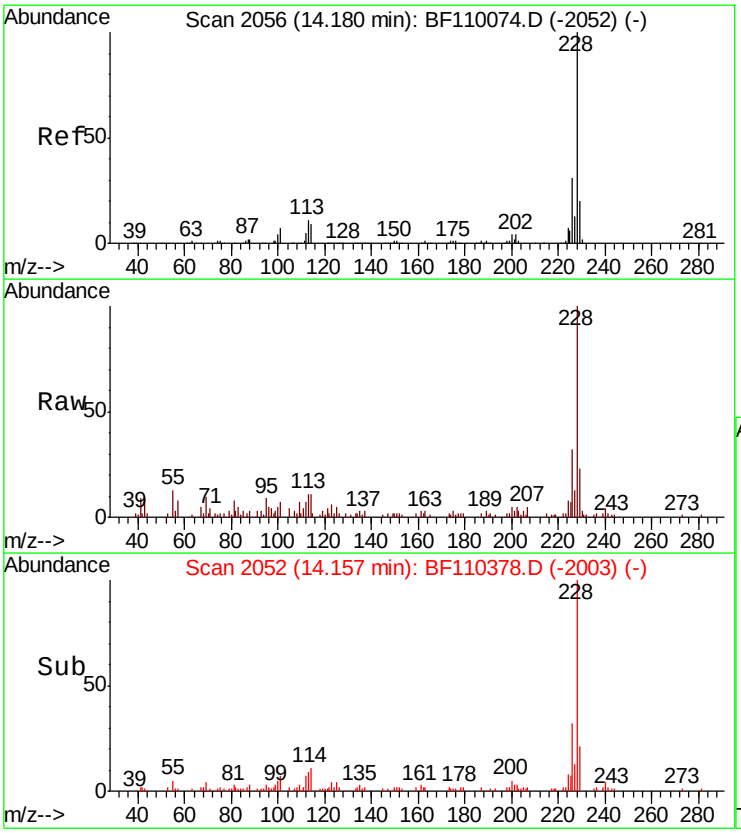
#81
Benzo(a)anthracene
Concen: 2.931 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 31798

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.1	33.1
229	22.8	15.6	23.4

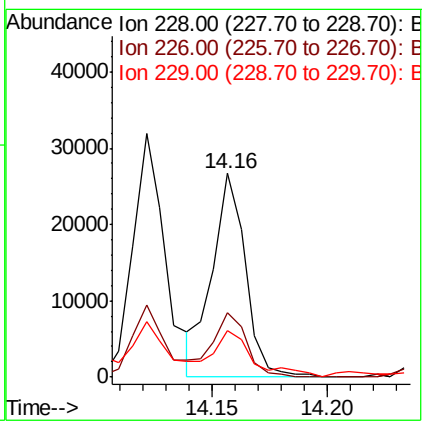


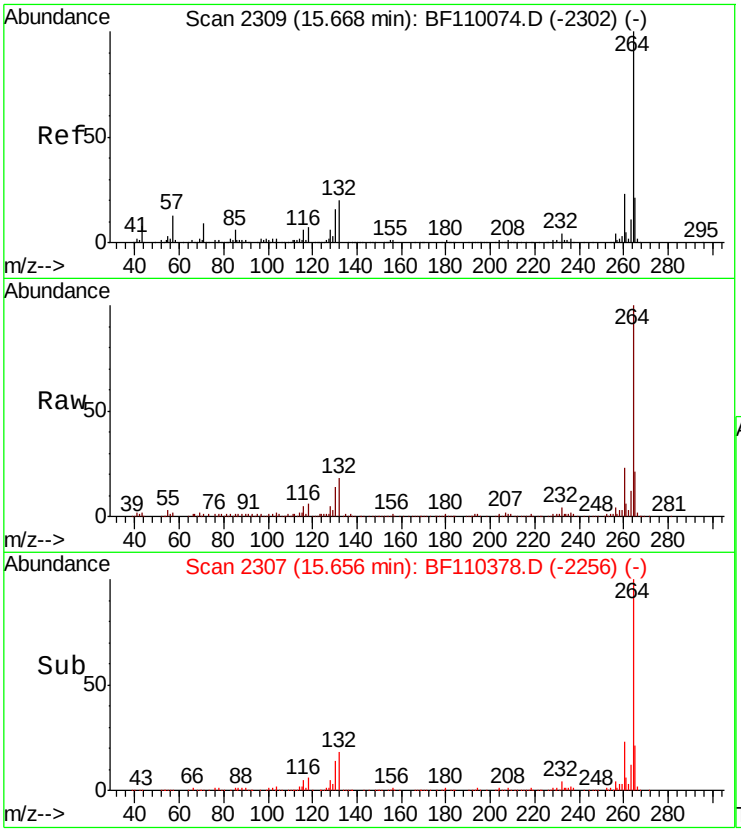


#83
Chrysene
Concen: 2.589 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Tgt Ion:228 Resp: 26674

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.7	37.1
229	22.6	15.9	23.9



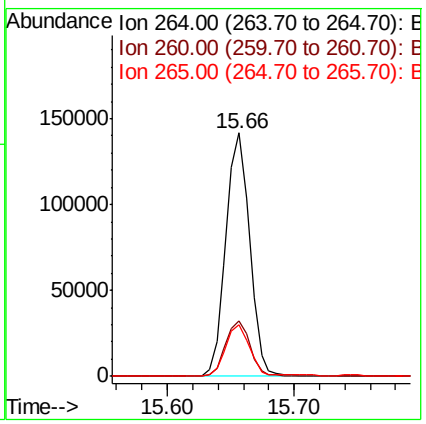


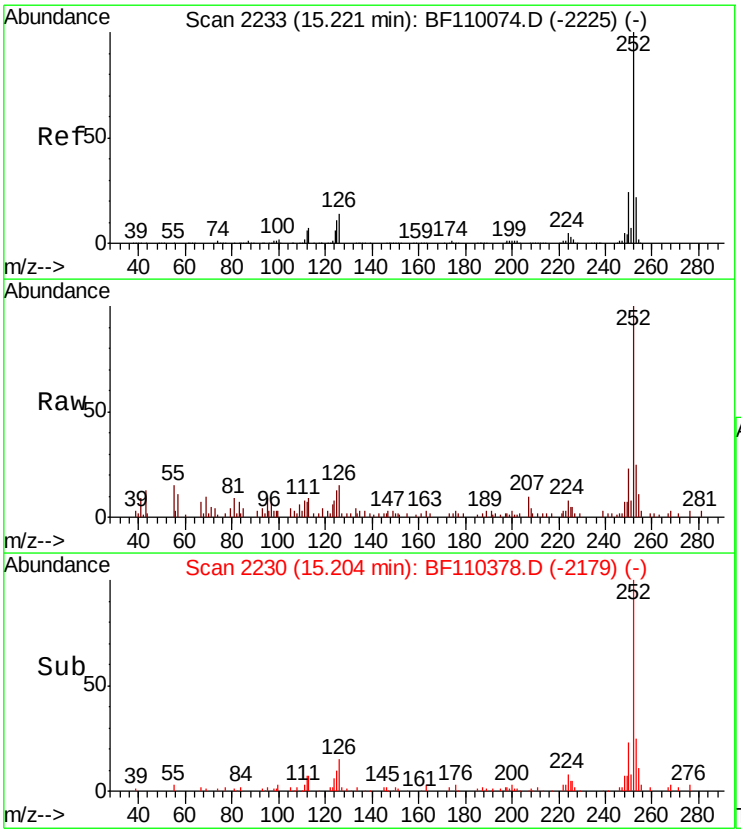
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 184749

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.3	16.7	25.1

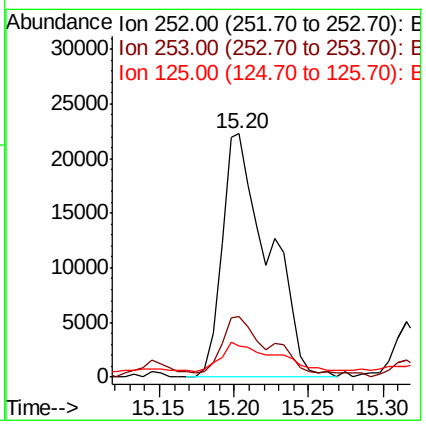


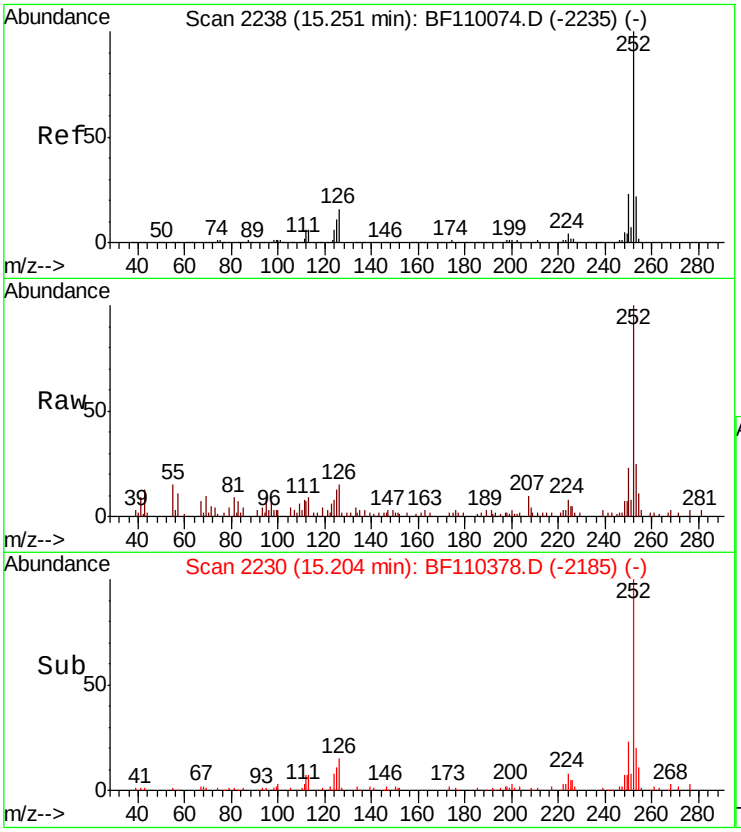


#88
Benzo(b)fluoranthene
Concen: 4.508 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Tgt Ion:252 Resp: 48095

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.2	25.8
125	13.0	8.2	12.4#



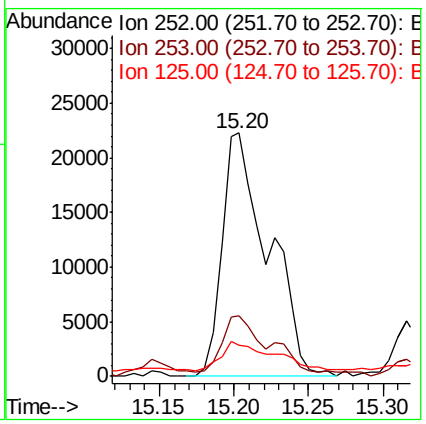


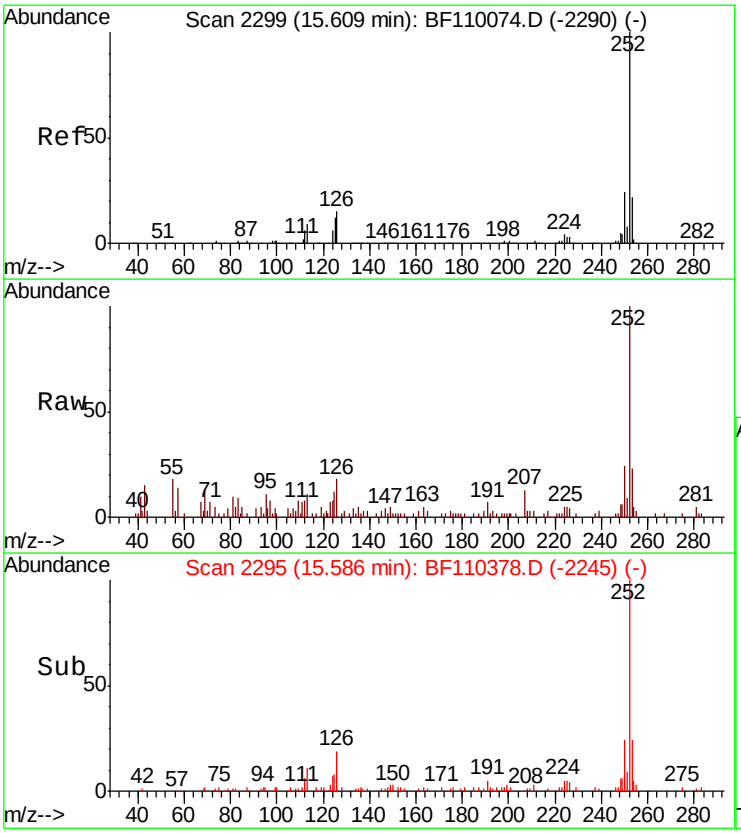
#89
Benzo(k)fluoranthene
Concen: 4.586 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 48095

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.2	25.8
125	13.0	7.4	11.0#





#90
Benzo(a)pyrene
Concen: 2.626 ng
RT: 15.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF110378.D
Acq: 1 Nov 2018 20:07

Tgt Ion:252 Resp: 25775

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	11.5	9.0	13.6