Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110845.D
Acq On : 19 Nov 2018 11:44
Operator : JU/SJ
Sample : J5951-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 19 12:47:58 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	69983	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	303448	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	146178	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	274685	20.00	ng		-0.01
76) Chrysene-d12	14.13	240	166009	20.00	ng		-0.01
87) Perylene-d12	15.66	264	157396	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	404412	93.86	ng		0.00
7) Phenol-d6	6.57	99	512403	93.00	ng		0.00
23) Nitrobenzene-d5	7.50	82	325722	61.82	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	133639	90.73	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	606252	59.23	ng		-0.01
79) Terphenyl-d14	13.06	244	538258	60.72	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	775	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.50	70	43540	12.380	ng	#	80
25) Isophorone	7.50	82	325719	37.716	ng	#	67
50) Dimethylphthalate	9.69	163	54763	5.021	ng		99
51) 2,6-Dinitrotoluene	9.98	165	18778	7.826	ng	#	23
56) 4-Nitrophenol	10.19	139	4620	2.505	ng	#	6
57) 2,4-Dinitrotoluene	9.98	165	18778	6.019	ng	#	19
67) 4-Bromophenyl-phenylether	10.77	248	8601	2.833	ng	#	1
71) Phenanthrene	11.50	178	136969	9.307	ng		99
72) Anthracene	11.56	178	44134	2.973	ng		98
75) Fluoranthene	12.69	202	106193	7.198	ng		98
78) Pyrene	12.93	202	83937	6.567	ng		97
81) Benzo(a)anthracene	14.12	228	28090	2.831	ng		97
83) Chrysene	14.16	228	24683	2.611	ng		98
88) Benzo(b)fluoranthene	15.20	252	36633	3.891	ng	#	97
89) Benzo(k)fluoranthene	15.20	252	36633	3.937	ng	#	96
90) Benzo(a)pyrene	15.59	252	20406	2.385	ng		99

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

Quantitation Report (Not Reviewed)

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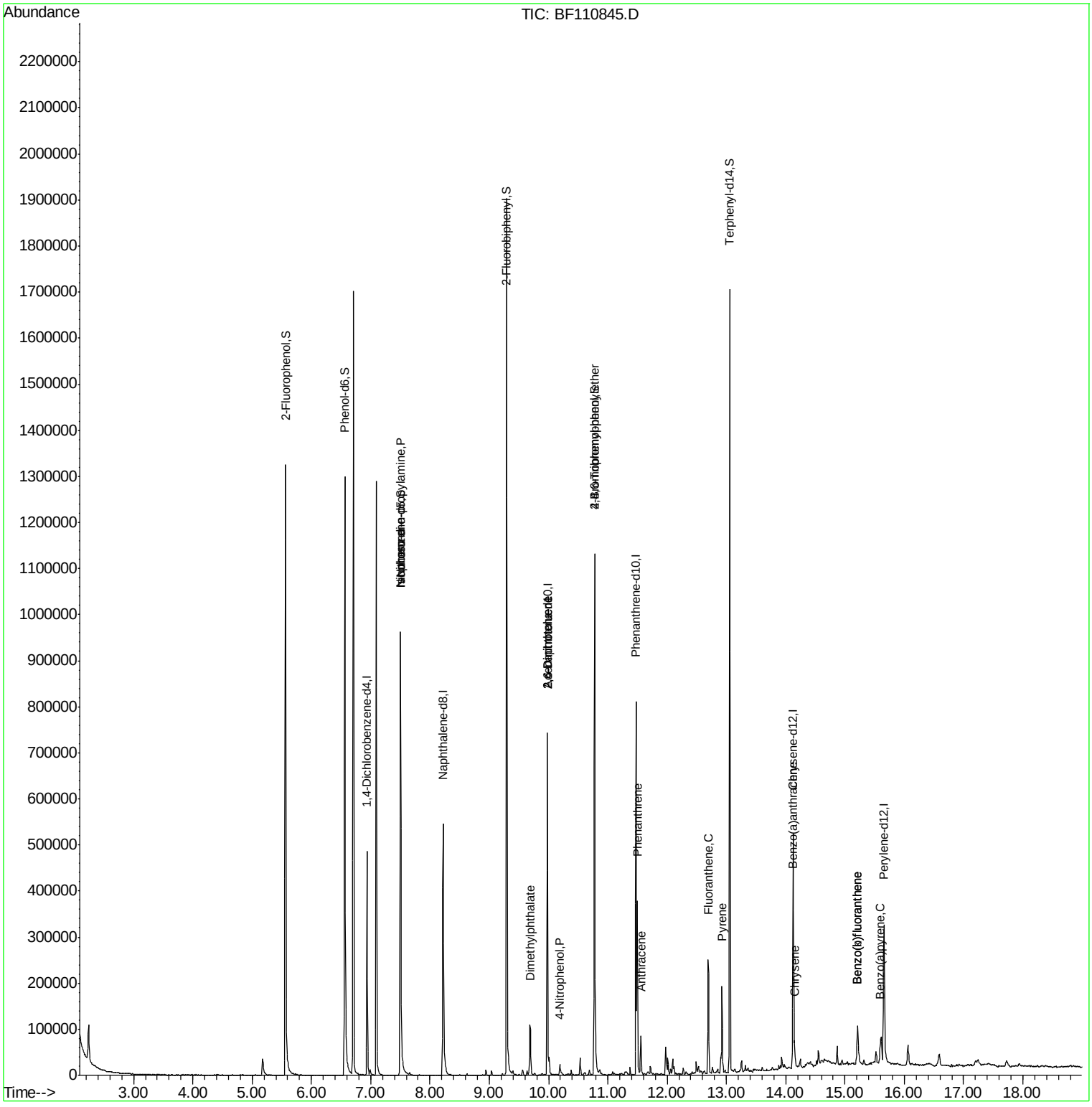
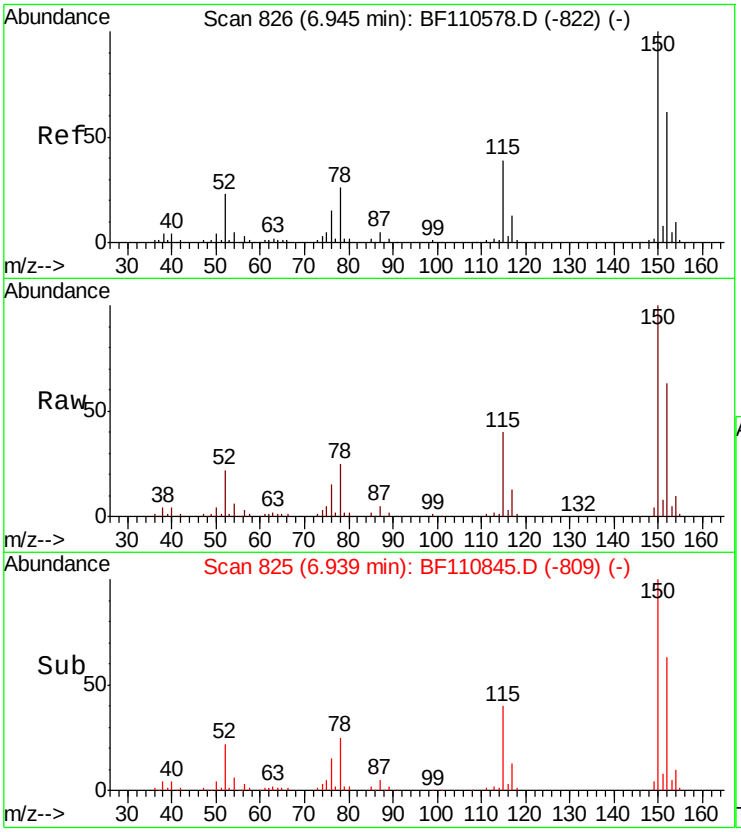


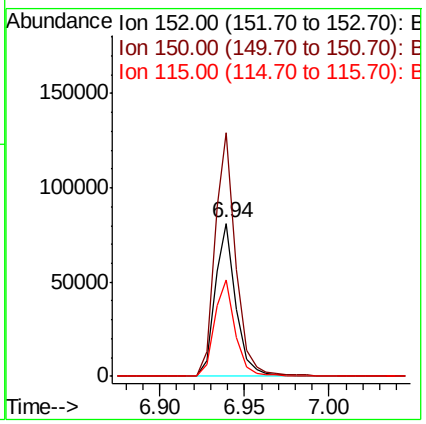


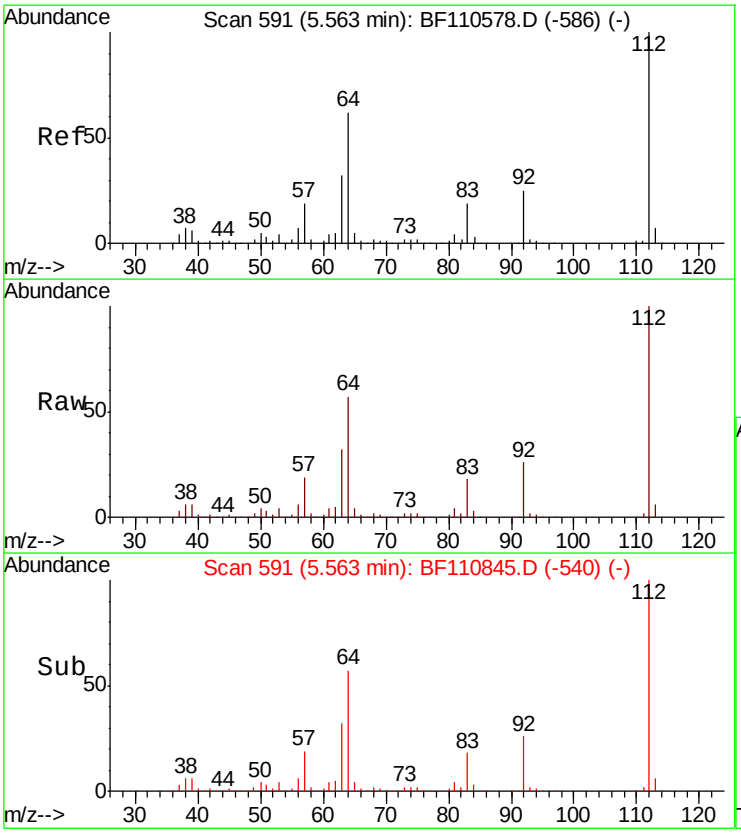
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 69983

Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.7	184.1
115	62.8	49.1	73.7

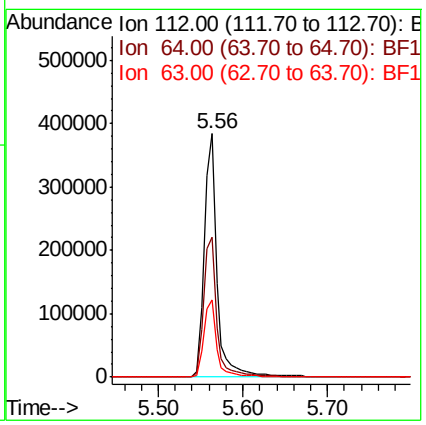


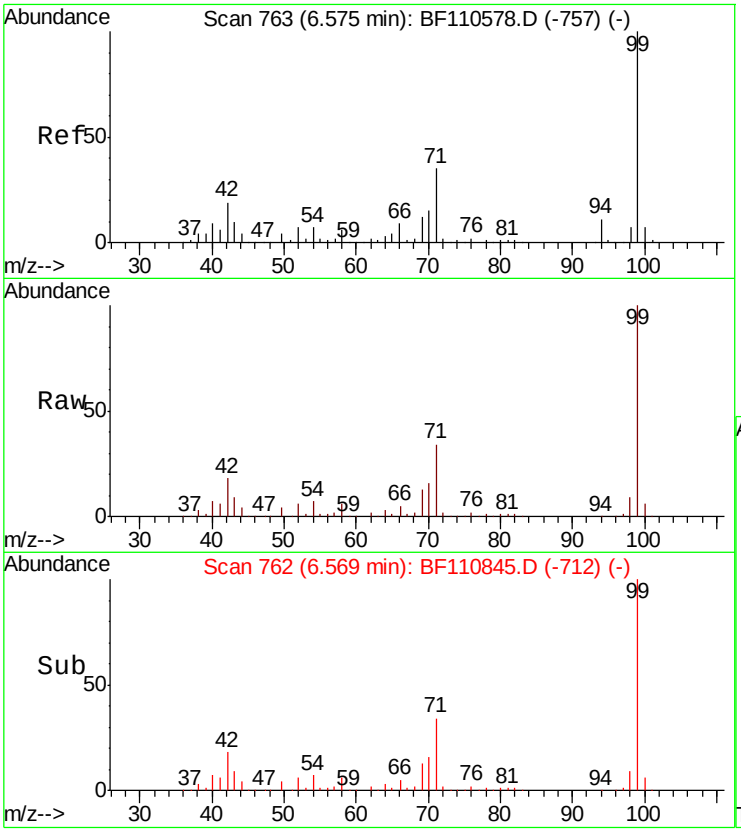


#5
2-Fluorophenol
Concen: 93.865 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion:112 Resp: 404412

Ion	Ratio	Lower	Upper
112	100		
64	57.3	44.1	66.1
63	31.5	23.7	35.5



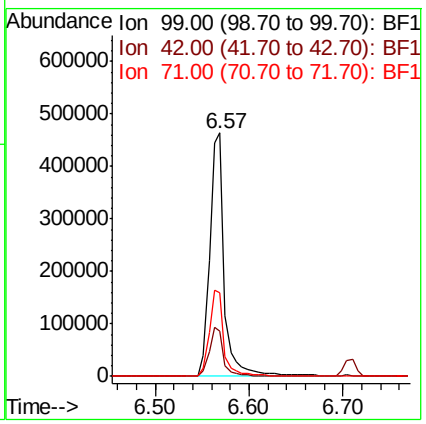


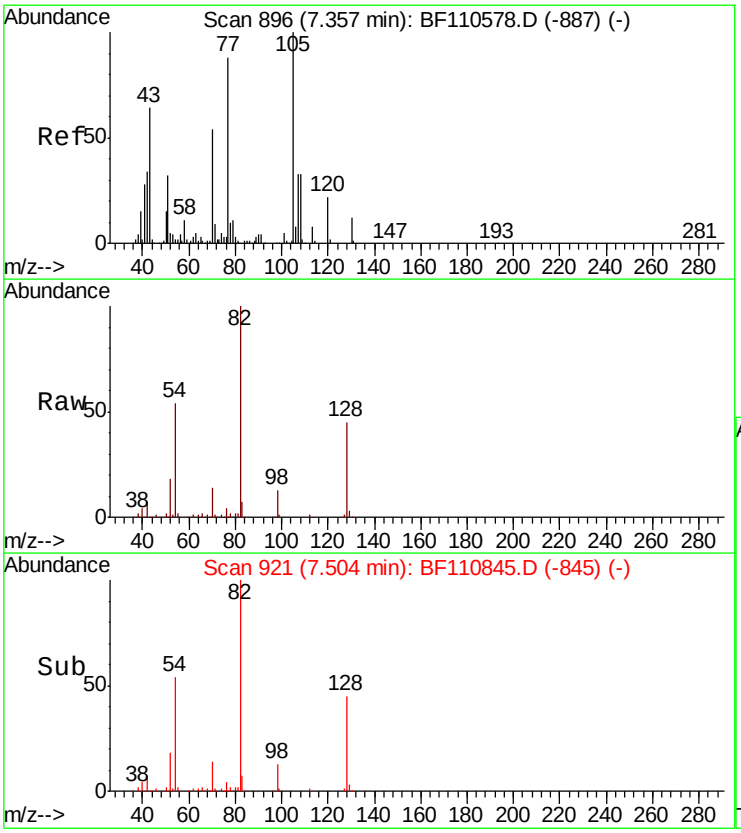
#7
Phenol-d6
Concen: 93.004 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 512403

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.8	23.6
71	34.1	28.0	42.0

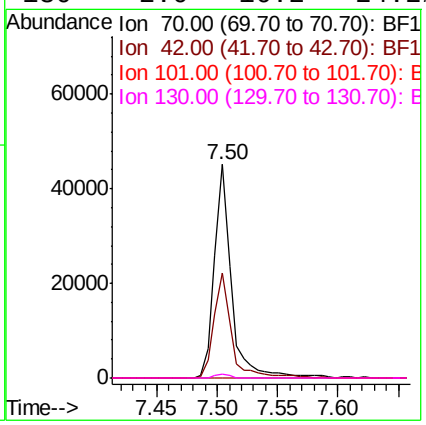


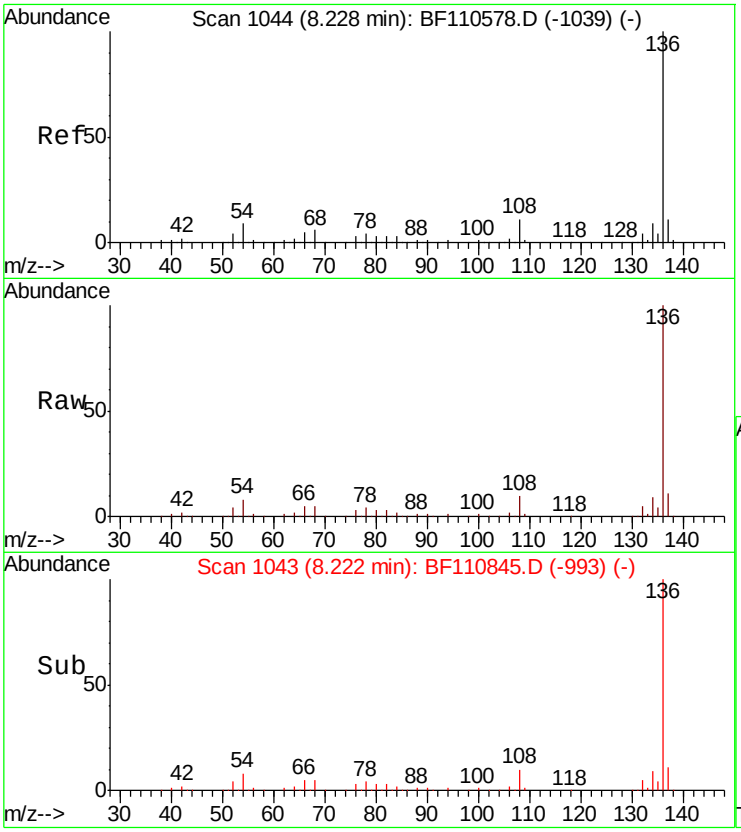


#19
n-Nitroso-di-n-propylamine
Concen: 12.380 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion: 70 Resp: 43540

Ion	Ratio	Lower	Upper
70	100		
42	49.4	47.4	71.2
101	0.0	7.3	10.9#
130	2.0	16.2	24.2#



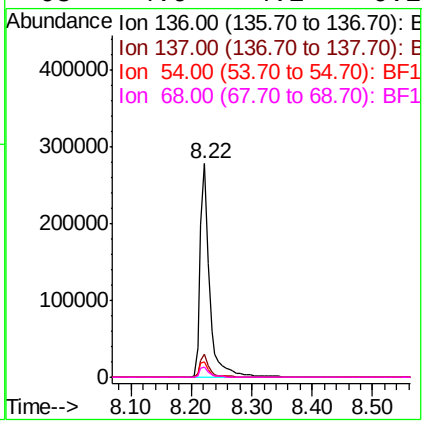


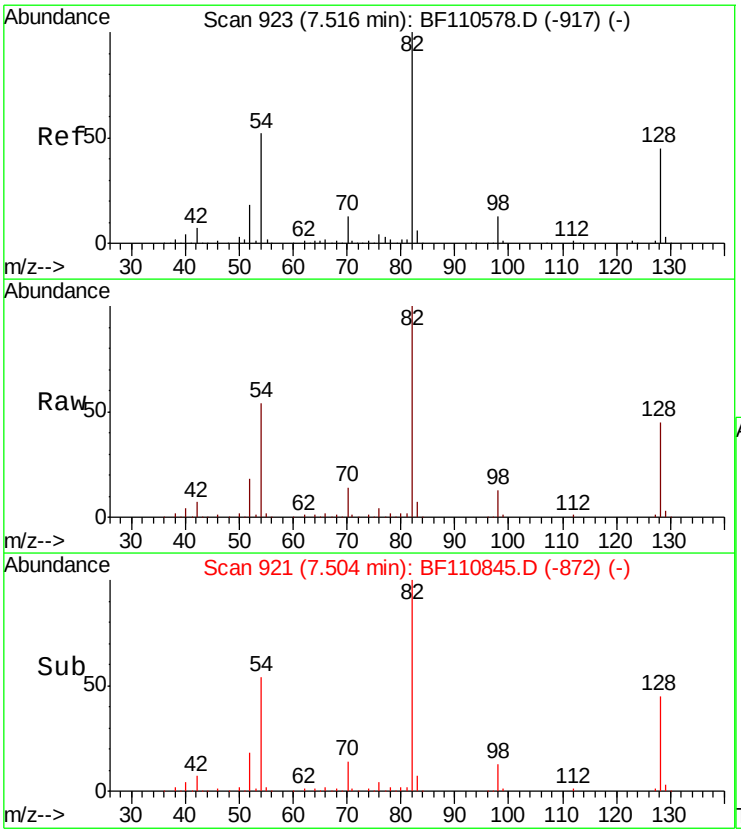
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 303448

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.5	5.4	8.2
68	4.9	4.2	6.2

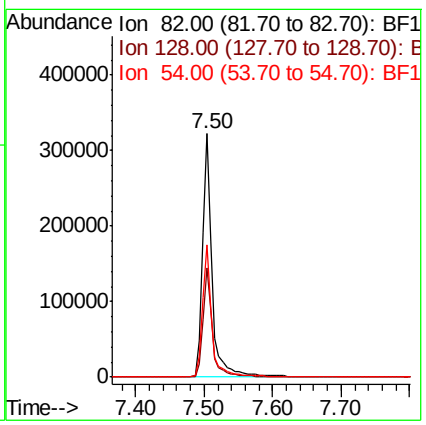


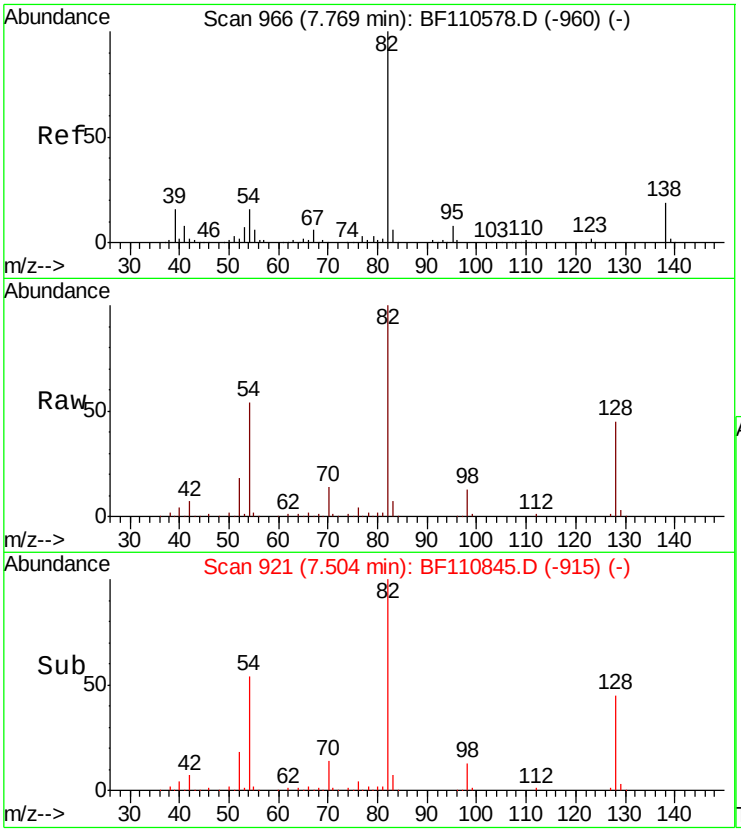


#23
Nitrobenzene-d5
Concen: 61.817 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion: 82 Resp: 325722

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.2	51.2
54	54.1	38.6	58.0



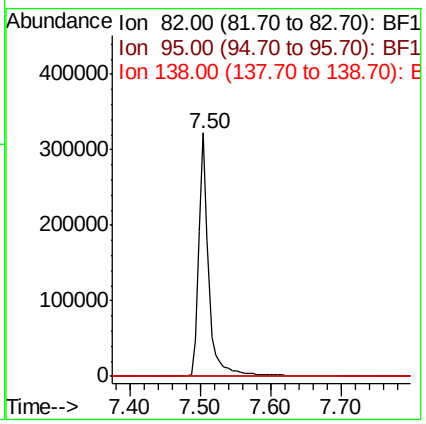


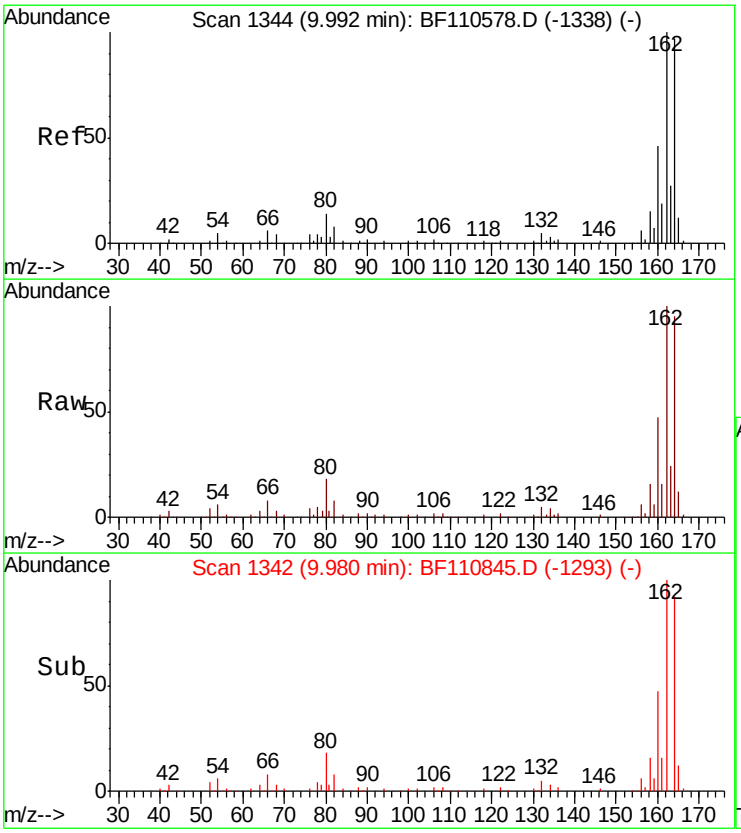
#25
Isophorone
Concen: 37.716 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 325719

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

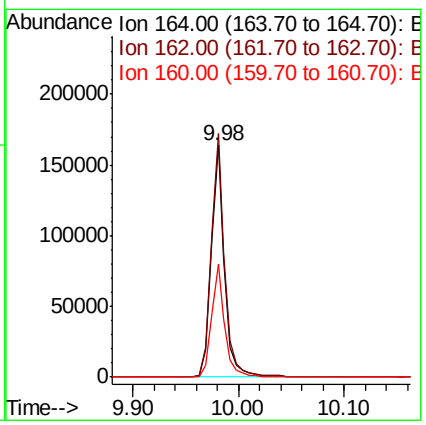


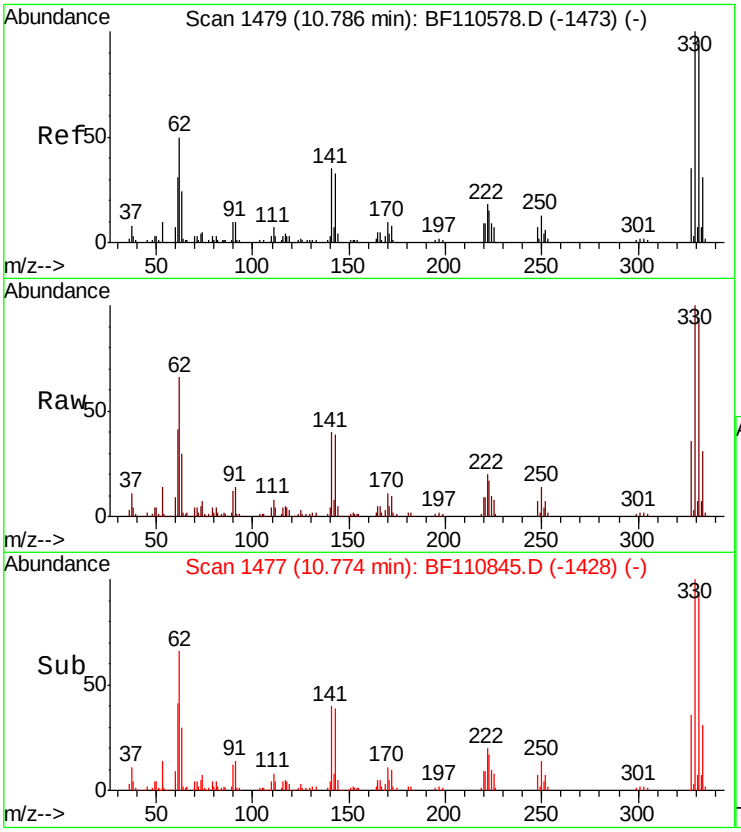


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion:164 Resp: 146178

Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.0	124.6
160	48.9	37.0	55.6



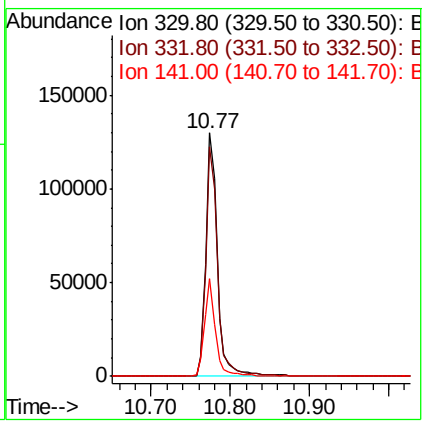


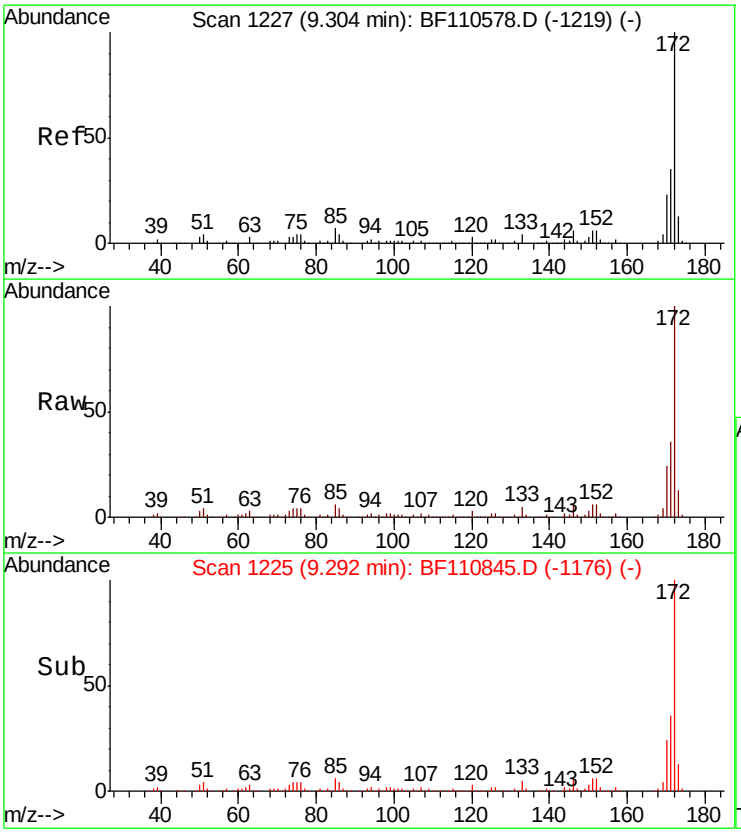
#42
2,4,6-Tribromophenol
Concen: 90.730 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 133639

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.1	115.7
141	38.0	27.0	40.4

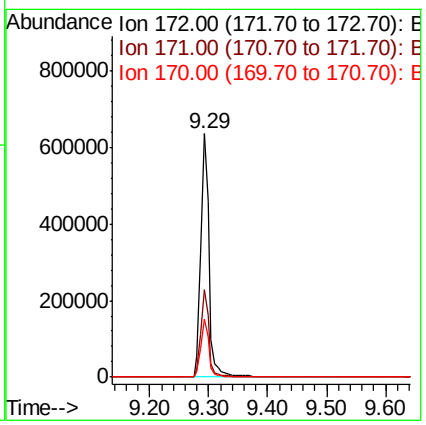


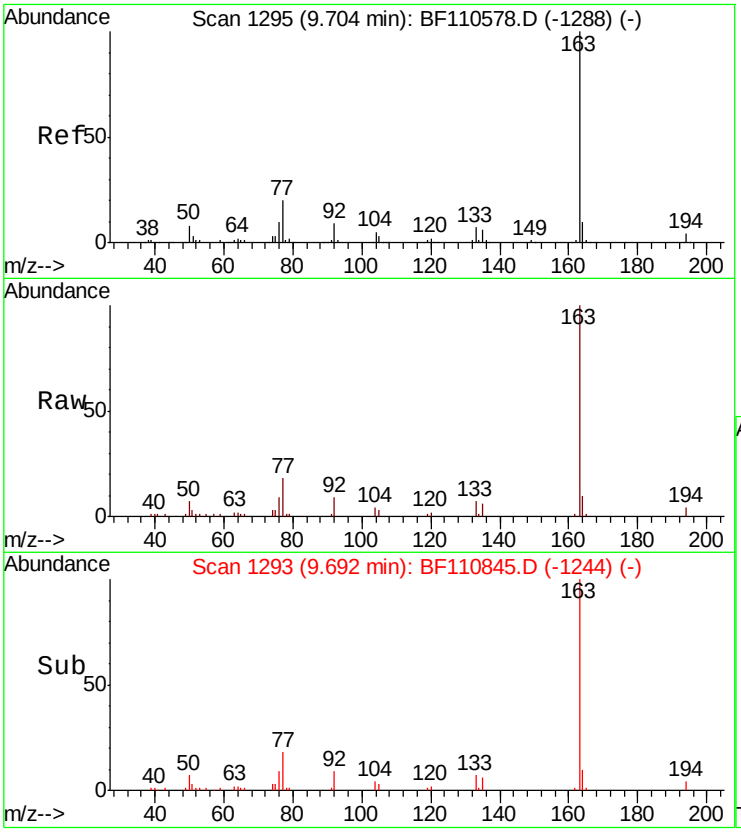


#45
2-Fluorobiphenyl
Concen: 59.232 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion:172 Resp: 606252

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.0	19.7	29.5



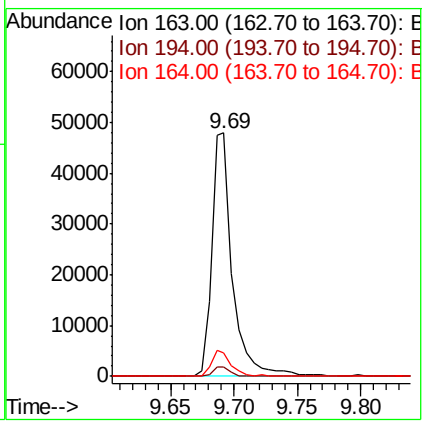


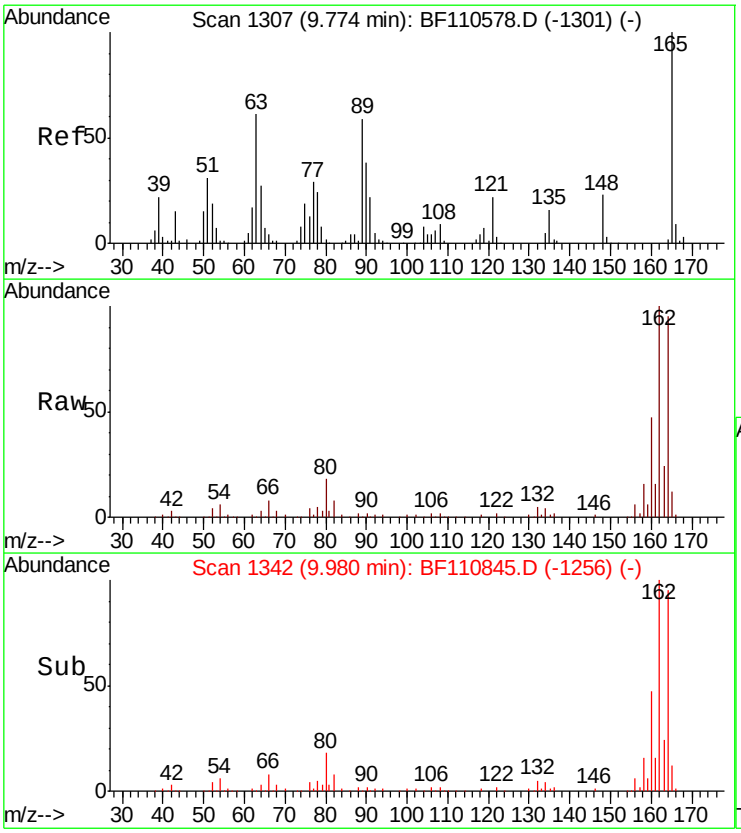
#50
Dimethylphthalate
Concen: 5.021 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 54763

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.8	8.1	12.1

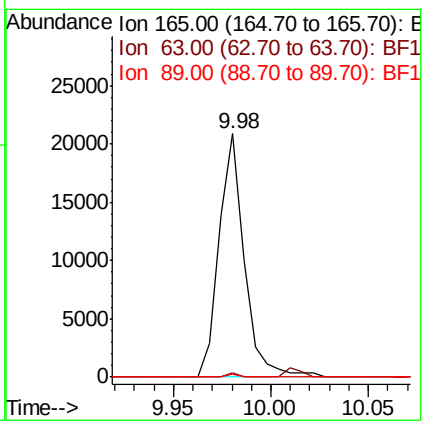


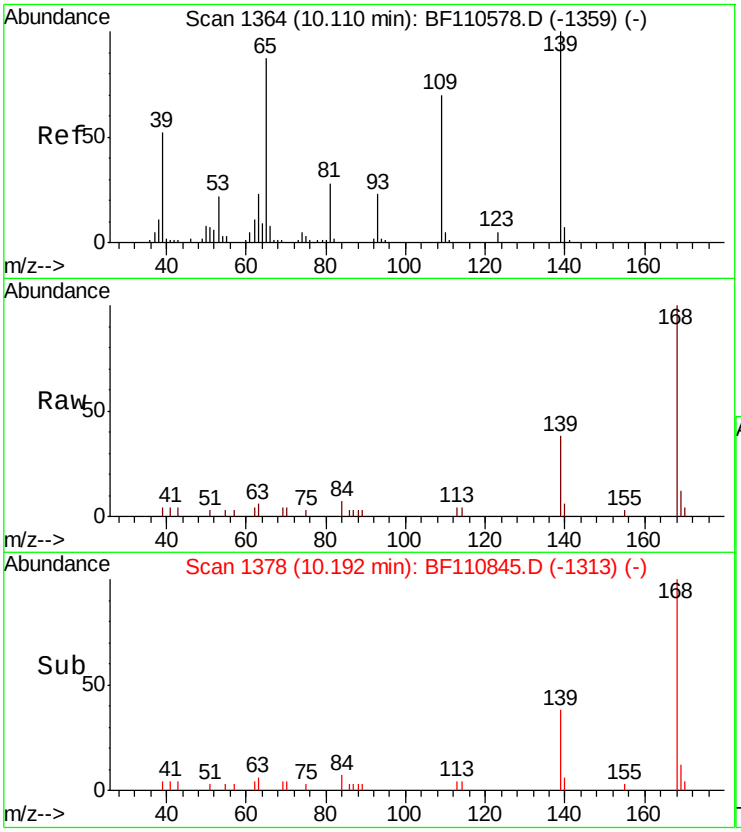


#51
2,6-Dinitrotoluene
Concen: 7.826 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion:165 Resp: 18778

Ion	Ratio	Lower	Upper
165	100		
63	1.5	48.9	73.3#
89	1.4	46.6	69.8#



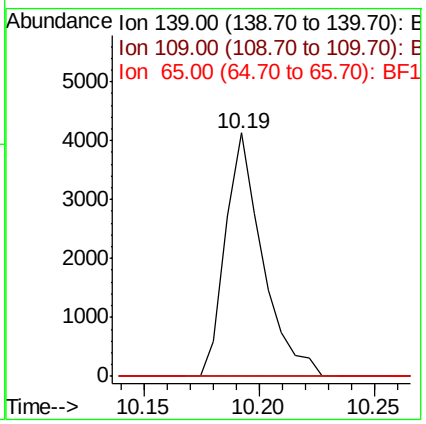


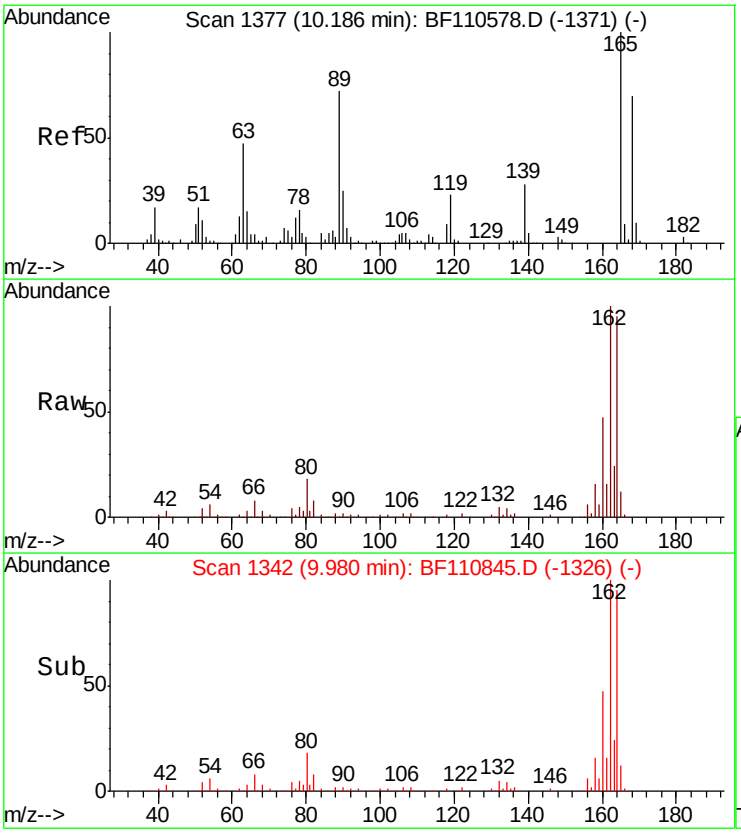
#56
4-Nitrophenol
Concen: 2.505 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.08 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 4620

Ion	Ratio	Lower	Upper
139	100		
109	0.0	55.8	95.8#
65	0.0	77.9	117.9#

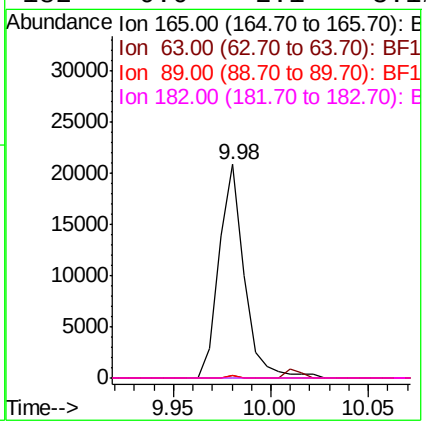


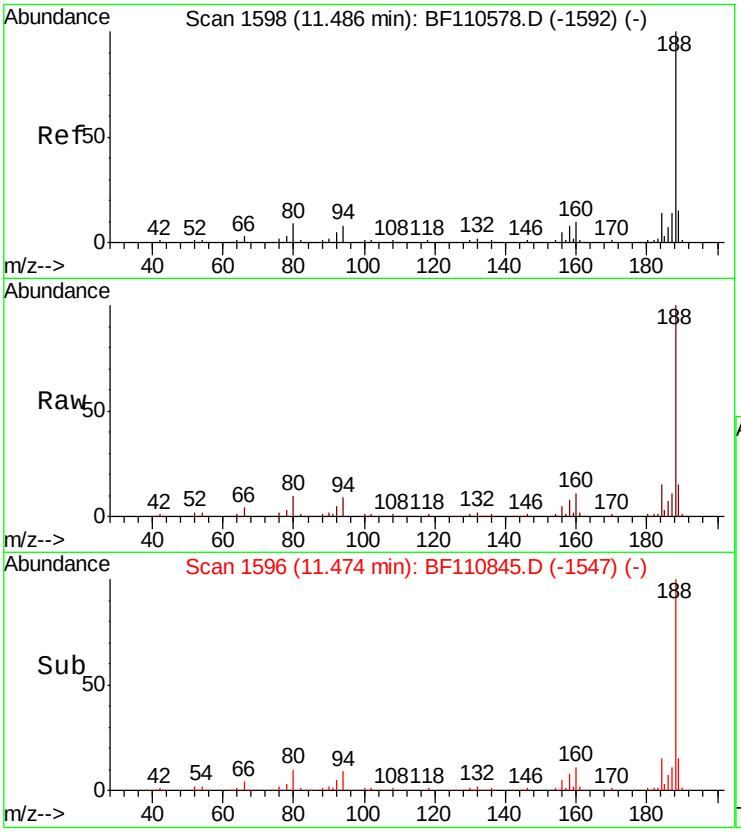


#57
2,4-Dinitrotoluene
Concen: 6.019 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion:165 Resp: 18778

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.4	62.2	93.4#
182	0.0	2.1	3.1#



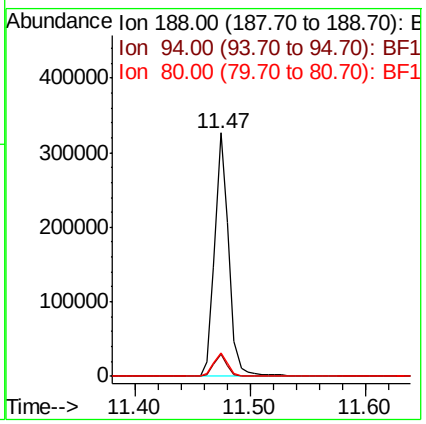


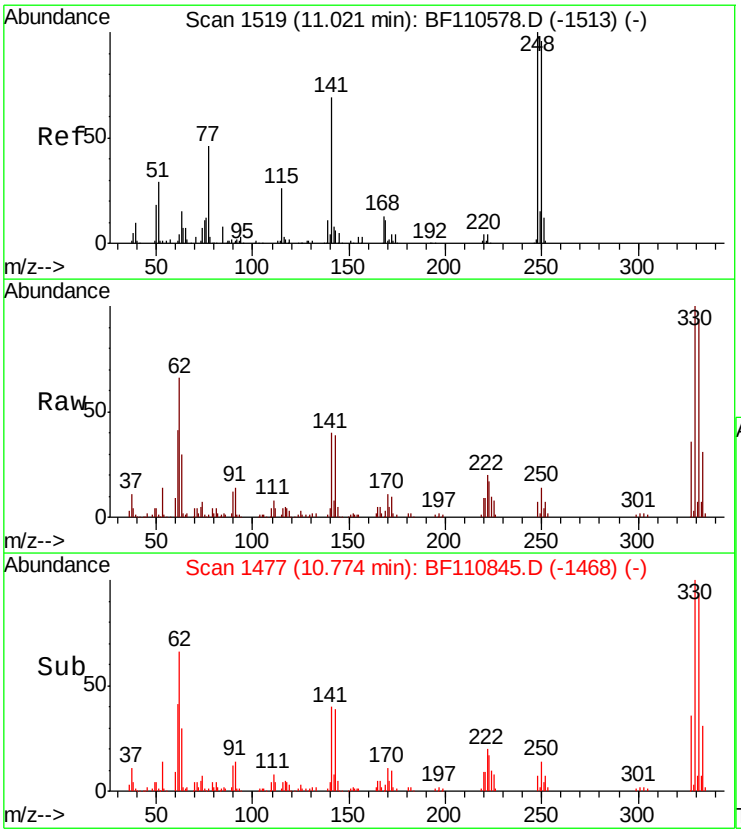
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 274685

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.7	7.9	11.9

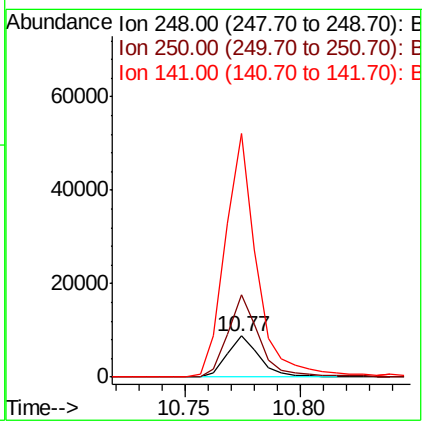


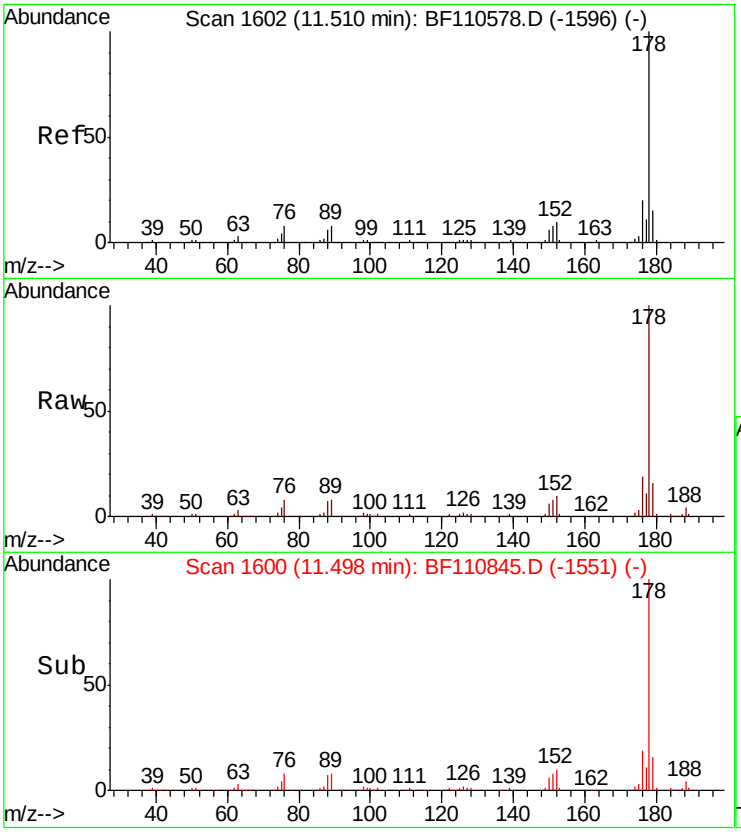


#67
4-Bromophenyl-phenylether
Concen: 2.833 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion:248 Resp: 8601

Ion	Ratio	Lower	Upper
248	100		
250	200.4	79.4	119.2#
141	594.9	55.9	83.9#



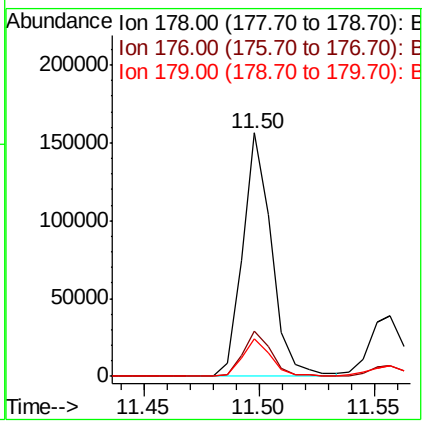


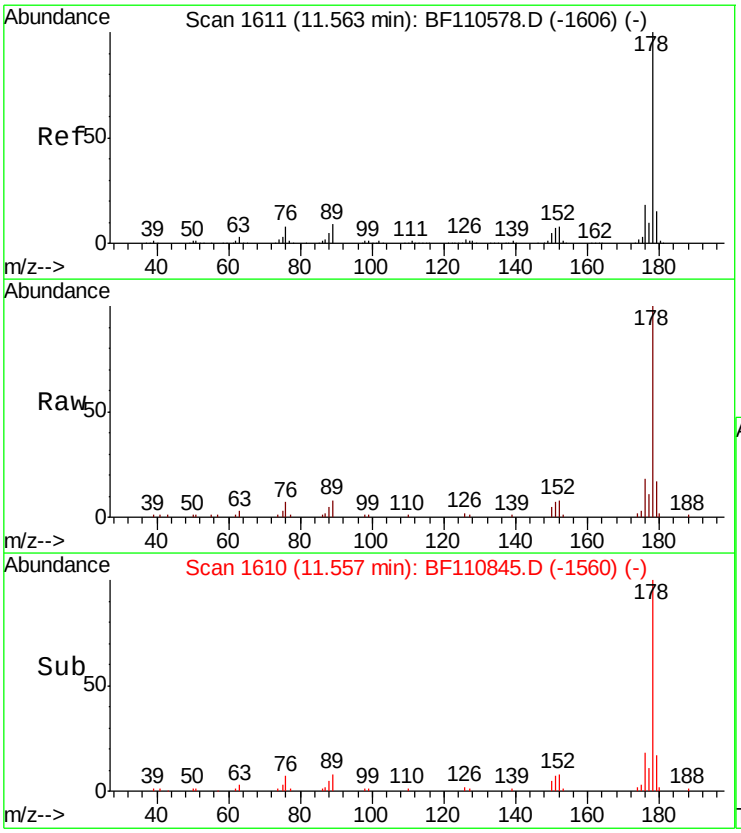
#71
Phenanthrene
Concen: 9.307 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 136969

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.6	12.5	18.7

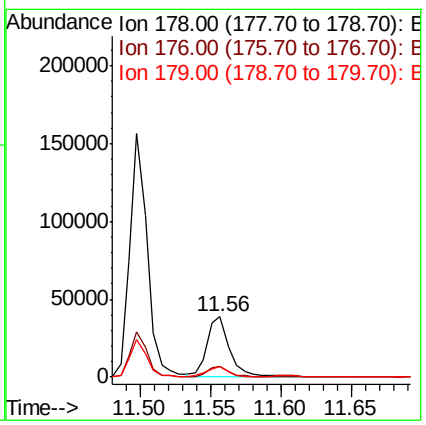


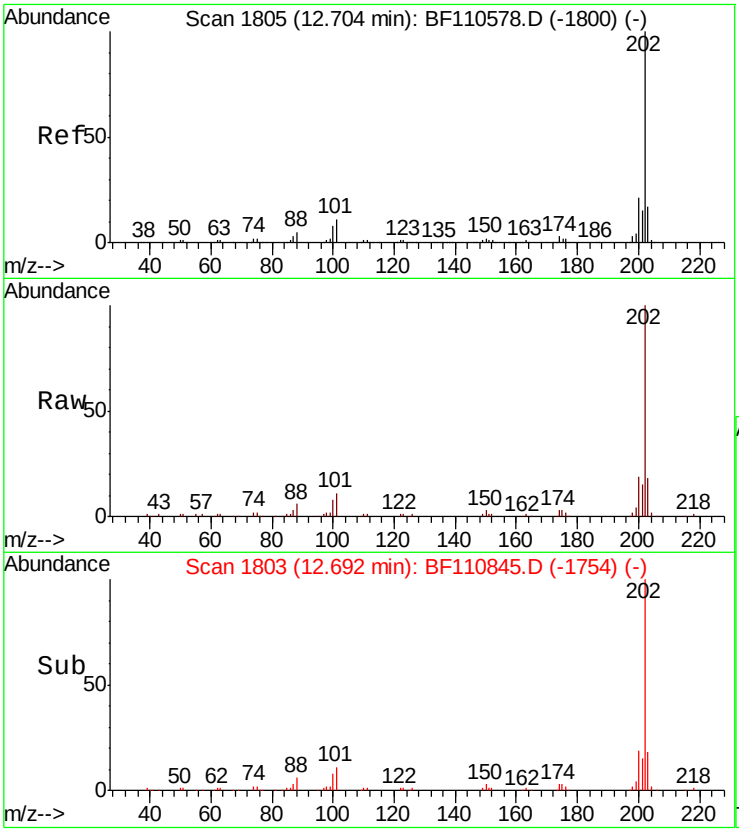


#72
Anthracene
Concen: 2.973 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion:178 Resp: 44134

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	16.8	12.6	18.8



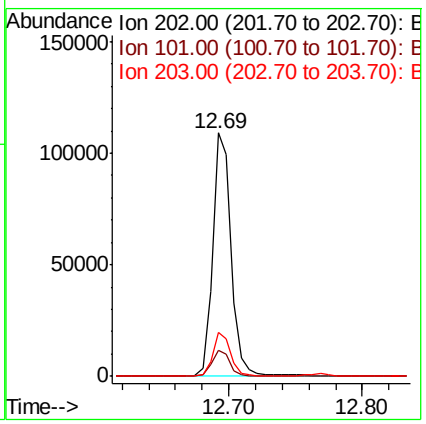


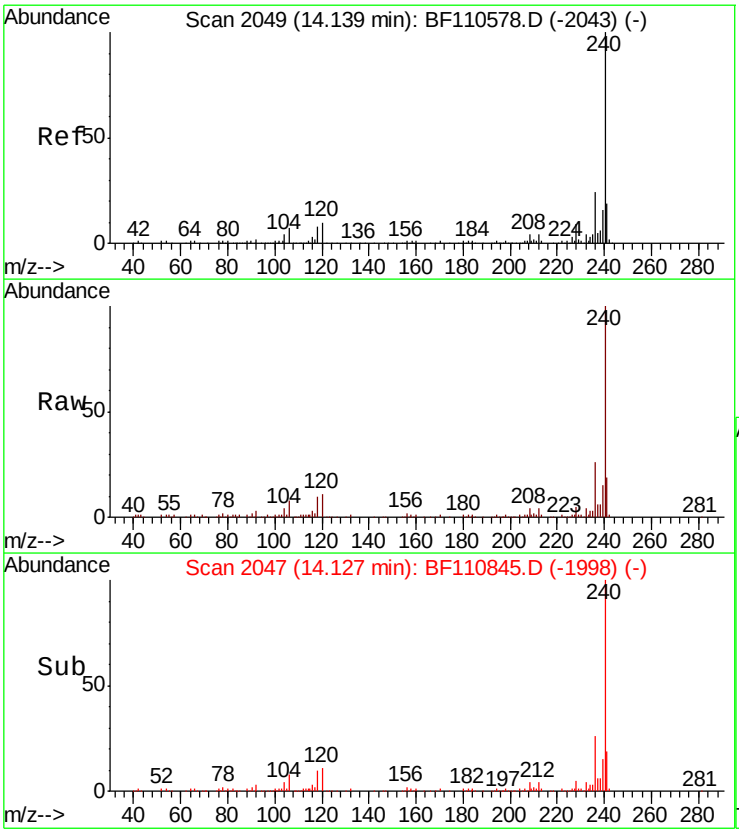
#75
Fluoranthene
Concen: 7.198 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 106193

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.4
203	18.2	0.0	37.7

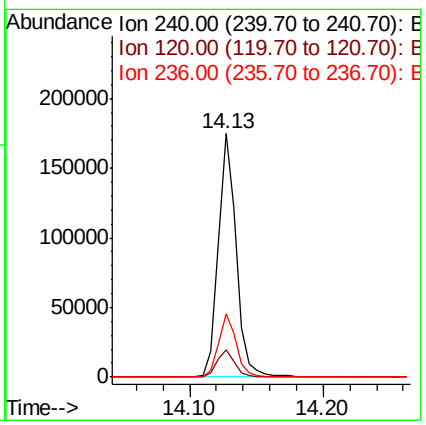


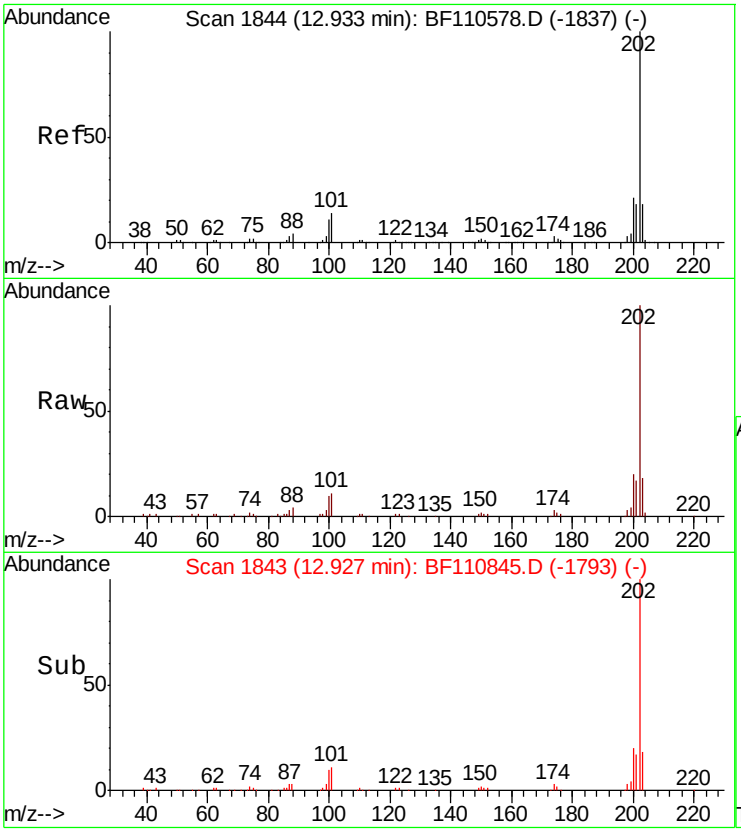


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion:240 Resp: 166009

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	26.0	21.2	31.8



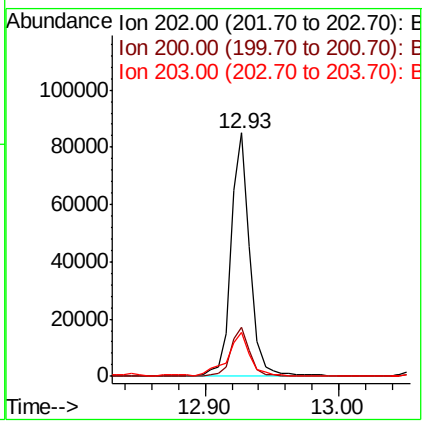


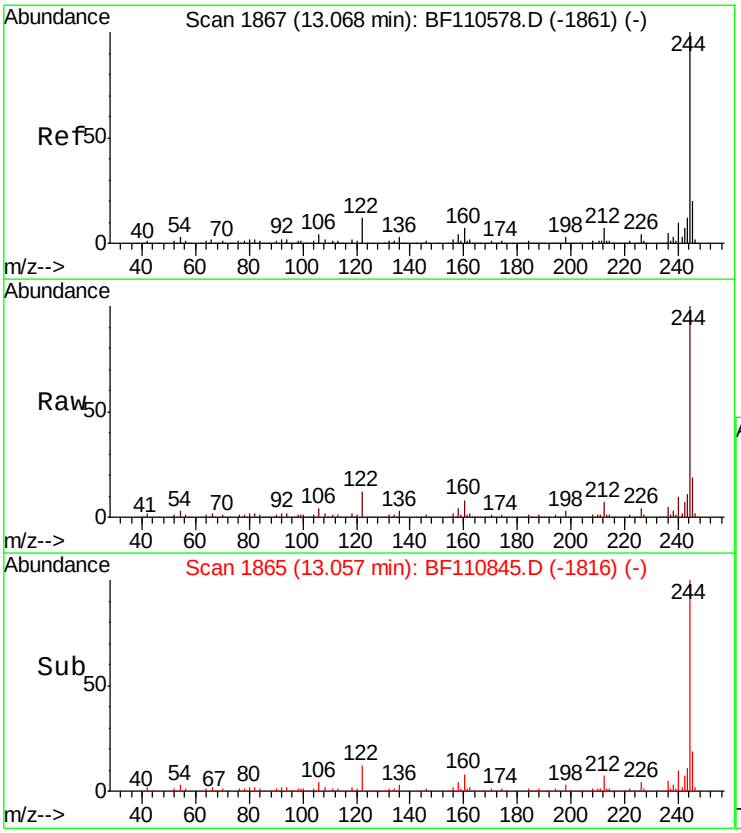
#78
Pyrene
Concen: 6.567 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 83937

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.8	26.6
203	18.0	14.2	21.4

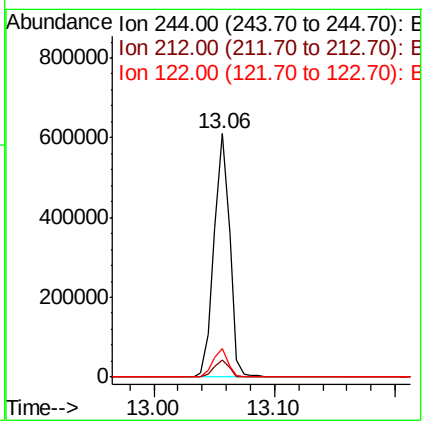


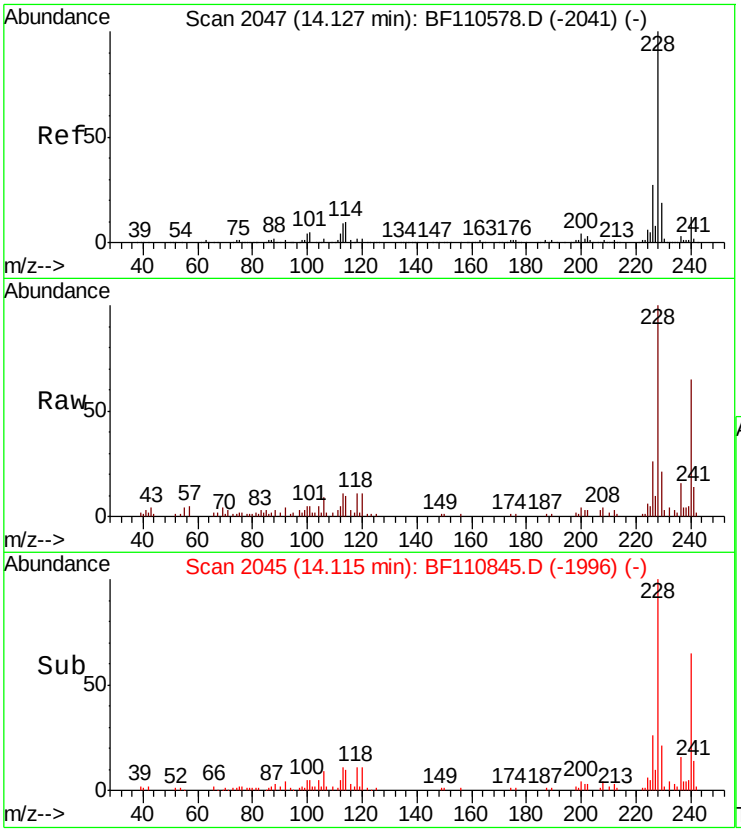


#79
Terphenyl-d14
Concen: 60.721 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion:244 Resp: 538258

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.7	8.7	13.1



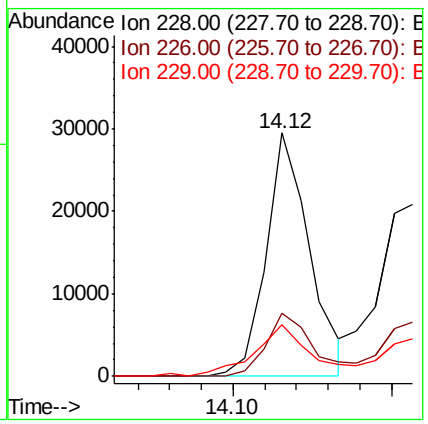


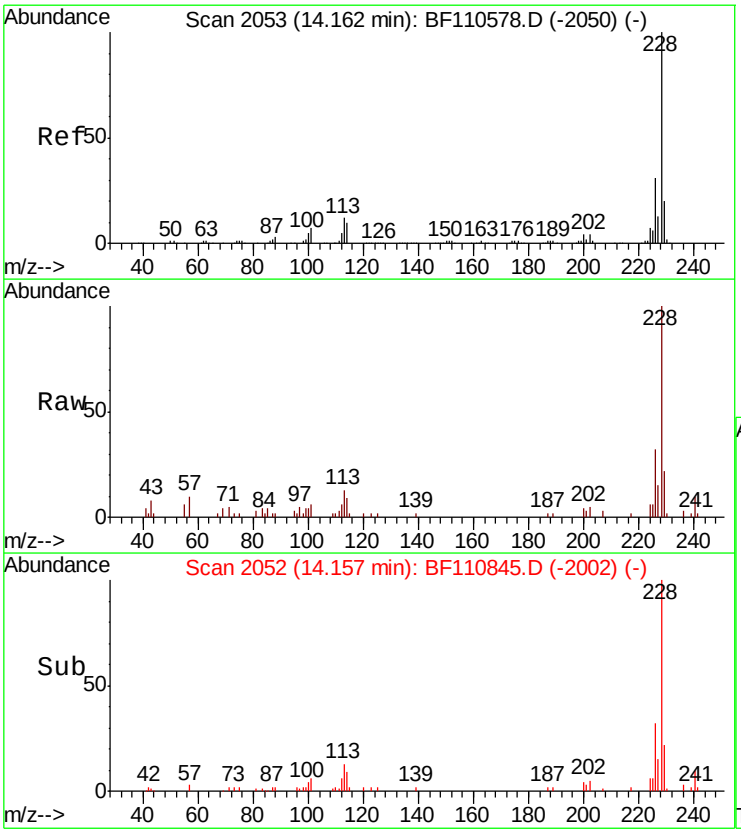
#81
Benzo(a)anthracene
Concen: 2.831 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 28090

Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.1	33.1
229	21.2	15.6	23.4

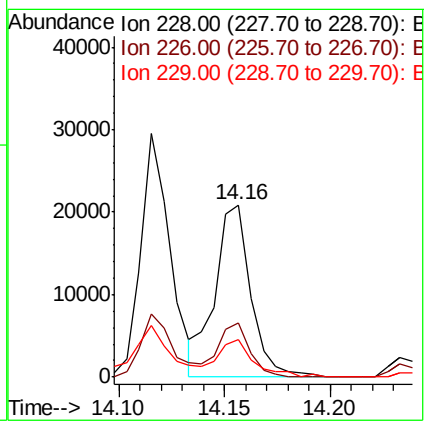


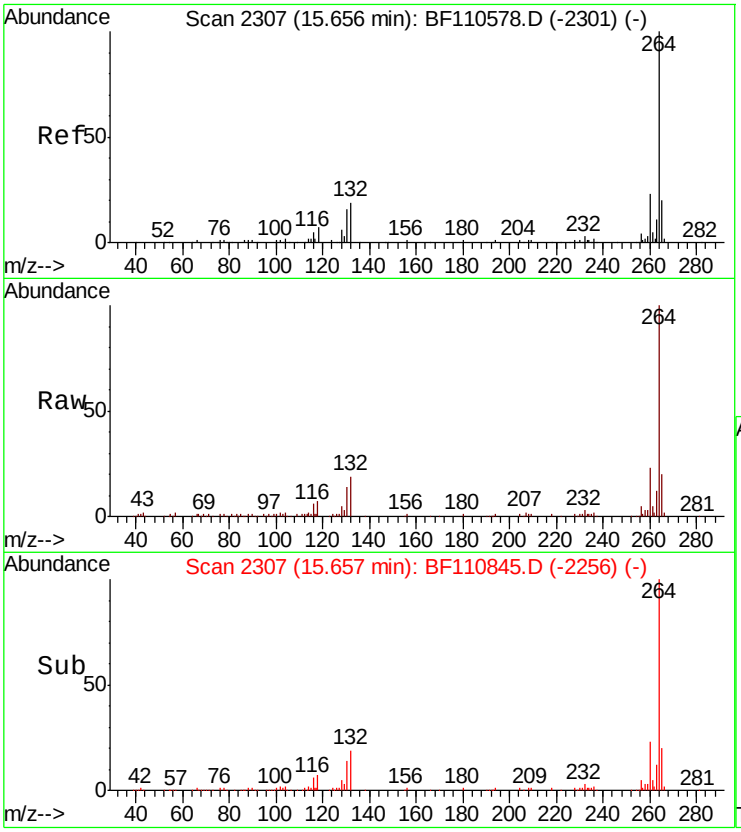


#83
Chrysene
Concen: 2.611 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion:228 Resp: 24683

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.7	37.1
229	21.7	15.9	23.9



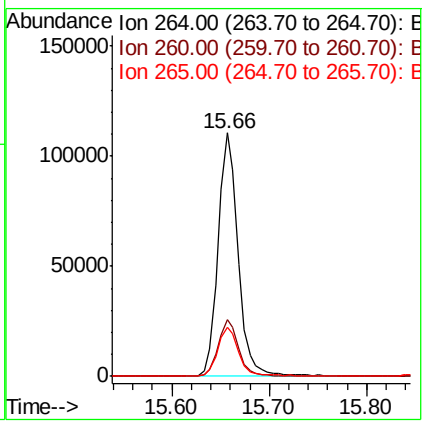


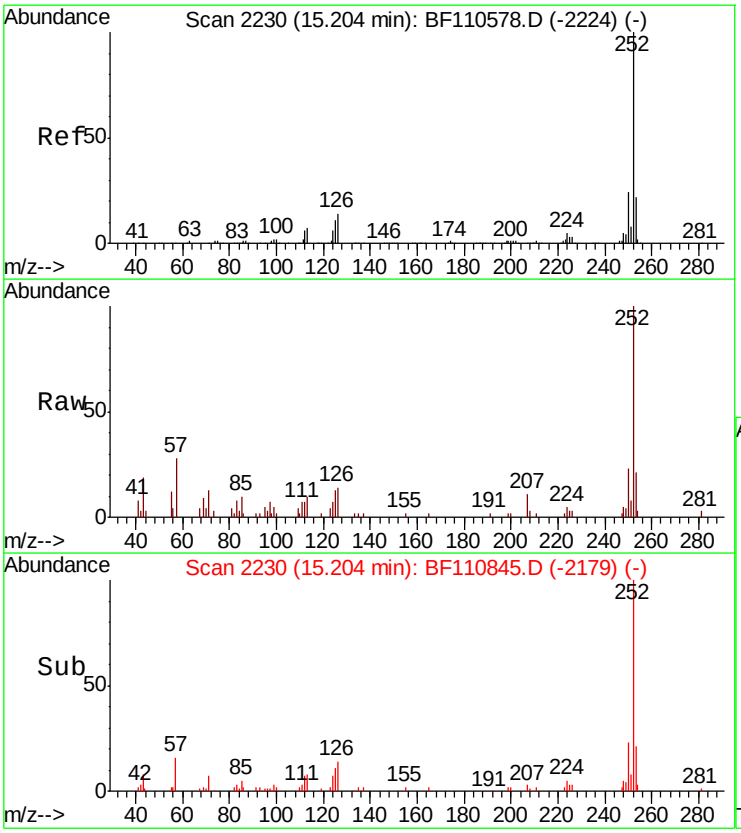
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 157396

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	20.4	16.7	25.1

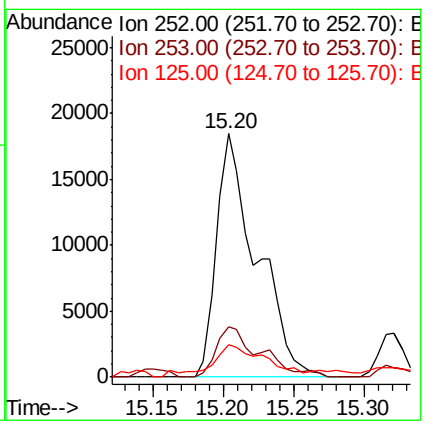


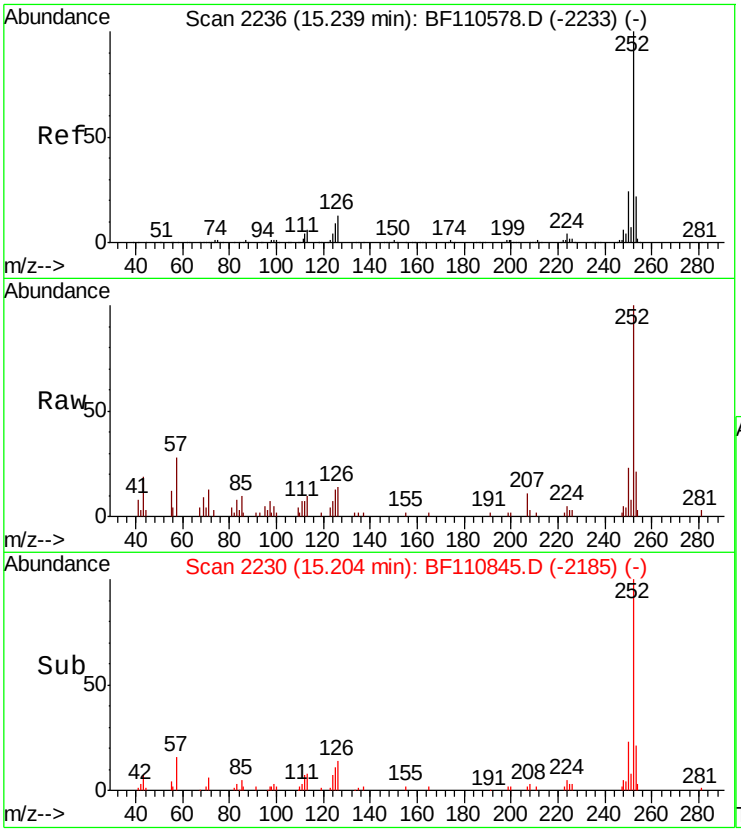


#88
Benzo(b)fluoranthene
Concen: 3.891 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion:252 Resp: 36633

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.2	25.8
125	13.3	8.2	12.4#



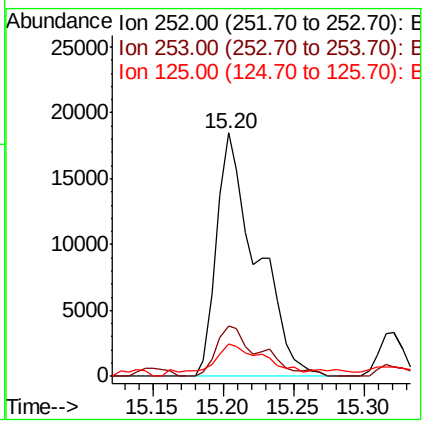


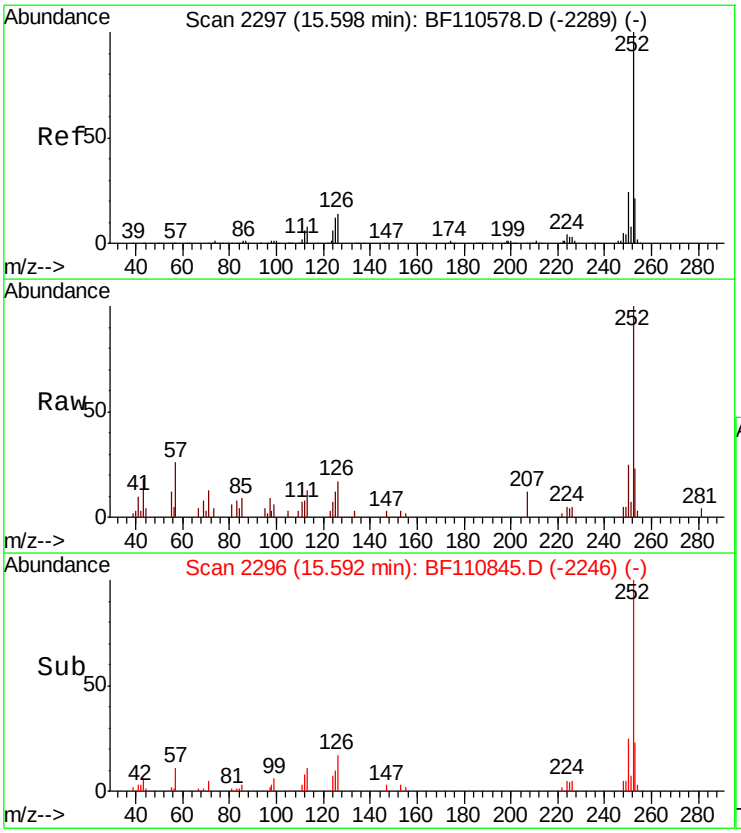
#89
Benzo(k)fluoranthene
Concen: 3.937 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 36633

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.2	25.8
125	13.3	7.4	11.0#





#90
Benzo(a)pyrene
Concen: 2.385 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110845.D
Acq: 19 Nov 2018 11:44

Tgt Ion:252 Resp: 20406

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	12.2	9.0	13.6