Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110850.D
Acq On : 19 Nov 2018 13:58
Operator : JU/SJ
Sample : J5977-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 19 15:30:22 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	55918	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	234162	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	110260	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	195917	20.00	ng		-0.01
76) Chrysene-d12	14.13	240	122625	20.00	ng		-0.01
87) Perylene-d12	15.66	264	123254	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	359051	104.30	ng		0.00
7) Phenol-d6	6.57	99	457179	103.85	ng		0.00
23) Nitrobenzene-d5	7.50	82	290702	71.49	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	112440	101.21	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	560081	72.55	ng		-0.01
79) Terphenyl-d14	13.06	244	440413	67.26	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	757	Below Cal		#	1
10) Phenol	6.58	94	25688	5.032	ng	#	73
19) n-Nitroso-di-n-propylamine	7.50	70	38824	13.816	ng	#	81
25) Isophorone	7.50	82	290700	43.621	ng	#	67
50) Dimethylphthalate	9.69	163	95465	11.603	ng		98
57) 2,4-Dinitrotoluene	9.98	165	13830	5.877	ng	#	17
67) 4-Bromophenyl-phenylether	10.77	248	6833	3.156	ng	#	1
71) Phenanthrene	11.50	178	71502	6.812	ng		99
75) Fluoranthene	12.69	202	103541	9.839	ng		98
78) Pyrene	12.93	202	93142	9.865	ng		96
81) Benzo(a)anthracene	14.12	228	48203	6.577	ng		96
83) Chrysene	14.16	228	43179	6.184	ng		96
86) Indeno(1,2,3-cd)pyrene	17.23	276	28113	5.611	ng		99
88) Benzo(b)fluoranthene	15.20	252	79567	10.791	ng	#	96
89) Benzo(k)fluoranthene	15.20	252	79567	10.921	ng	#	95
90) Benzo(a)pyrene	15.59	252	44858	6.696	ng		96
92) Benzo(g,h,i)perylene	17.72	276	25841	4.594	ng		96

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

Quantitation Report (Not Reviewed)

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ALS Vial : 10 Sample Multiplier: 1

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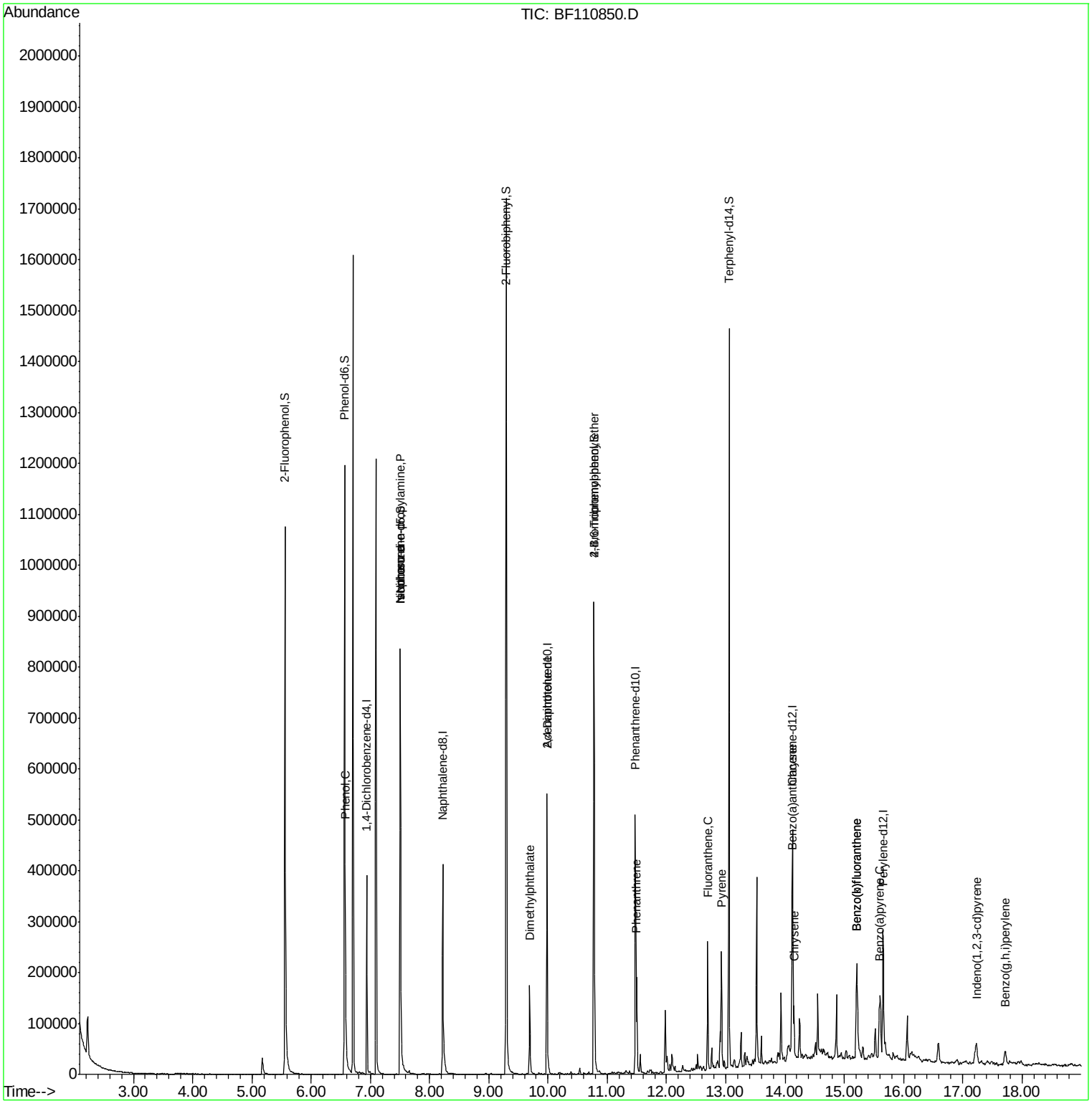
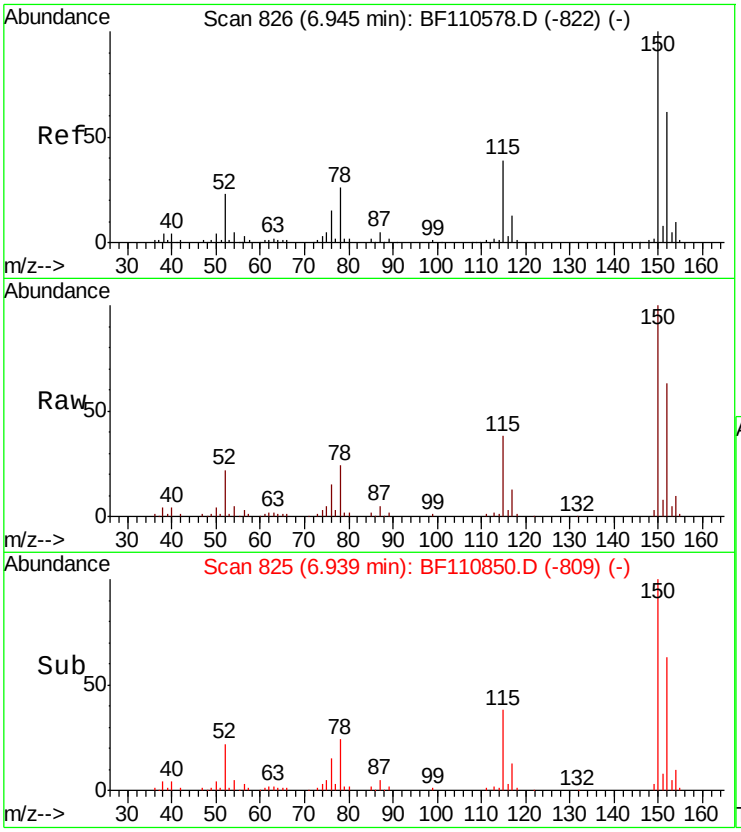
BNA_F
ClientSampleId :

Quant Time: Nov 19 15:30:22 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



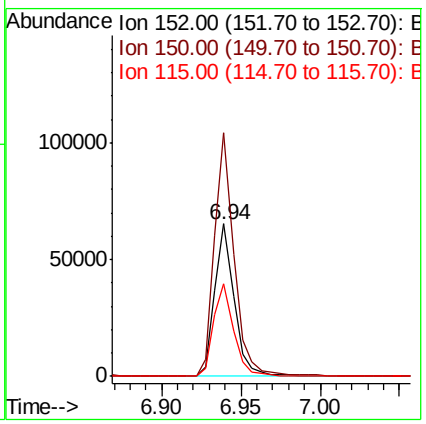


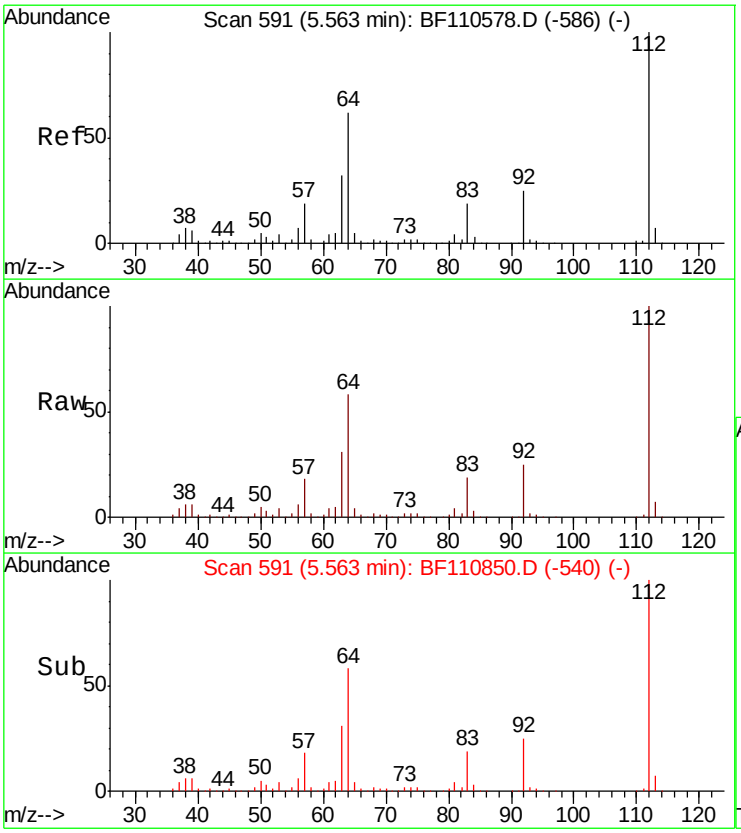
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 55918

Ion	Ratio	Lower	Upper
152	100		
150	159.7	122.7	184.1
115	61.1	49.1	73.7

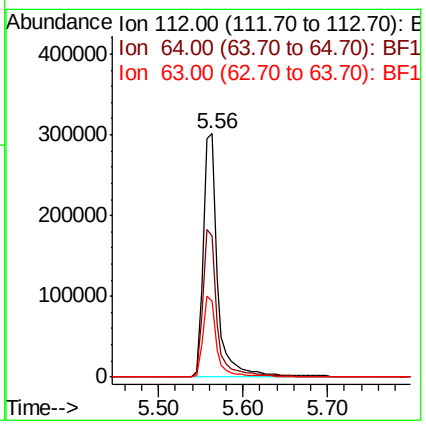


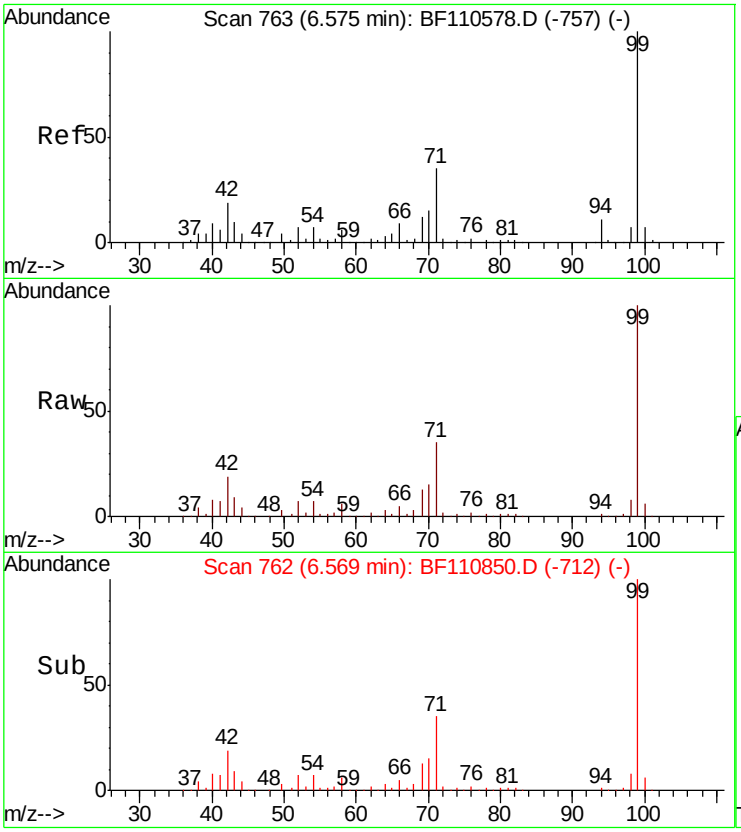


#5
2-Fluorophenol
Concen: 104.298 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Tgt Ion:112 Resp: 359051

Ion	Ratio	Lower	Upper
112	100		
64	57.9	44.1	66.1
63	31.3	23.7	35.5



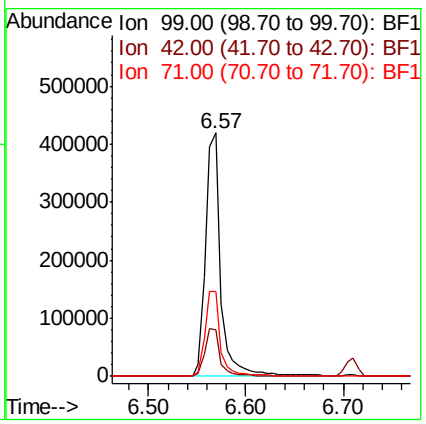


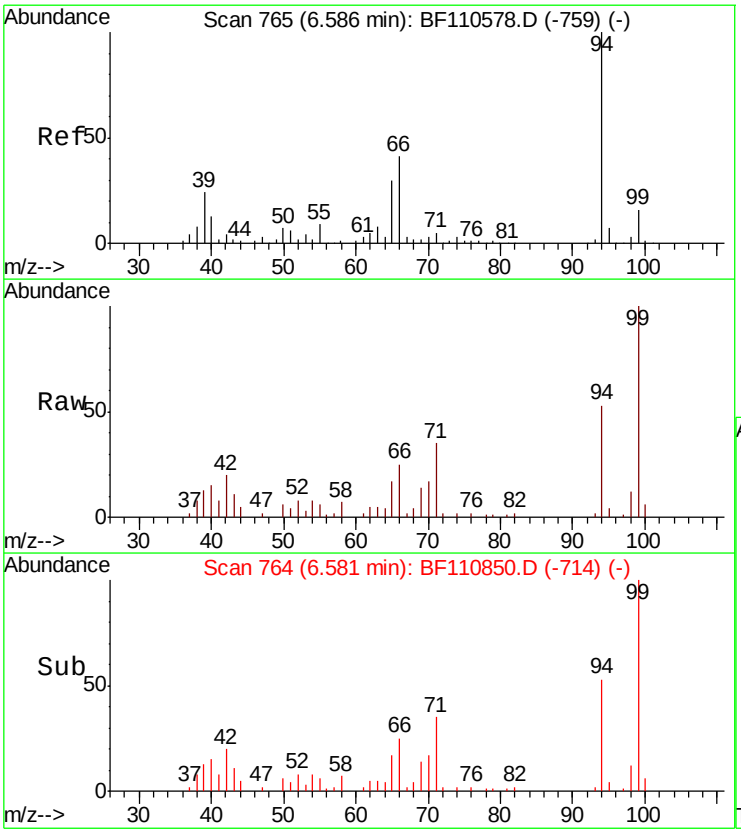
#7
Phenol-d6
Concen: 103.852 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 457179

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	35.1	28.0	42.0

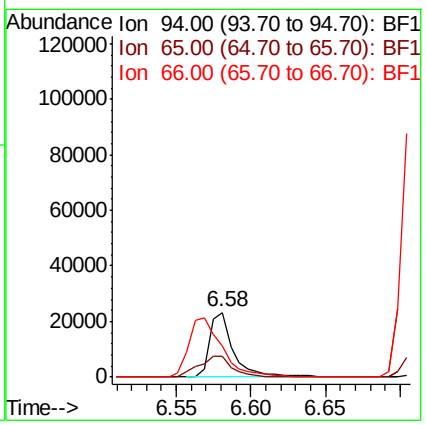


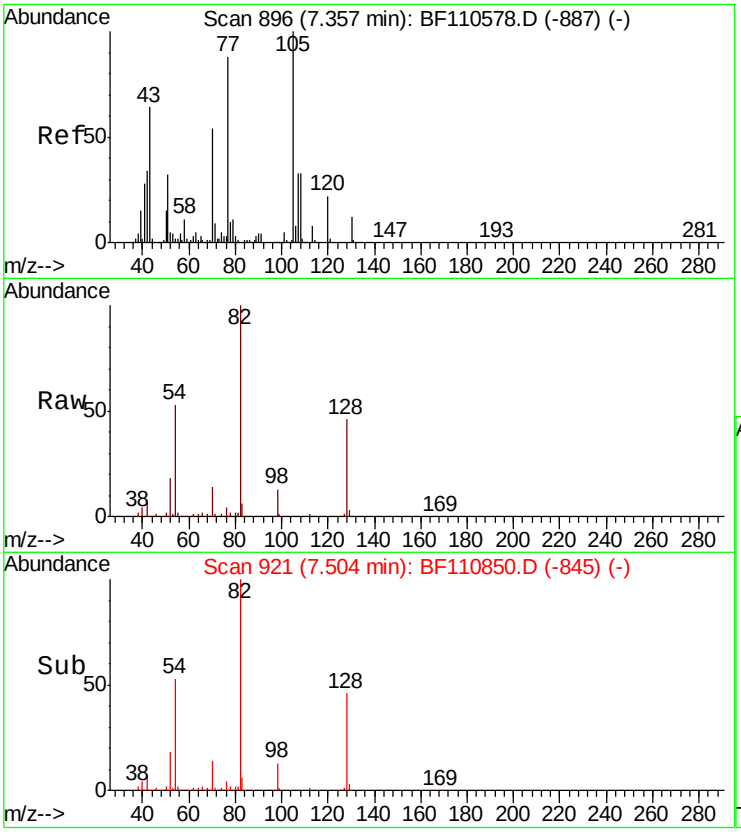


#10
Phenol
Concen: 5.032 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Tgt Ion: 94 Resp: 25688

Ion	Ratio	Lower	Upper
94	100		
65	31.9	25.3	65.3
66	48.1	54.5	94.5#



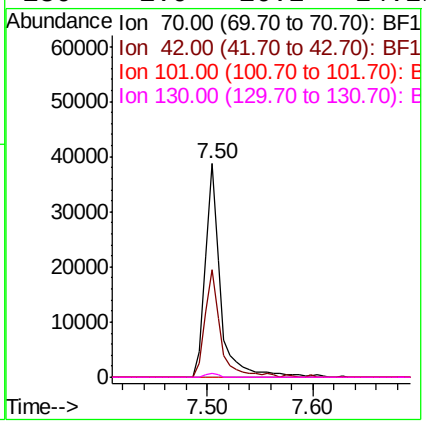


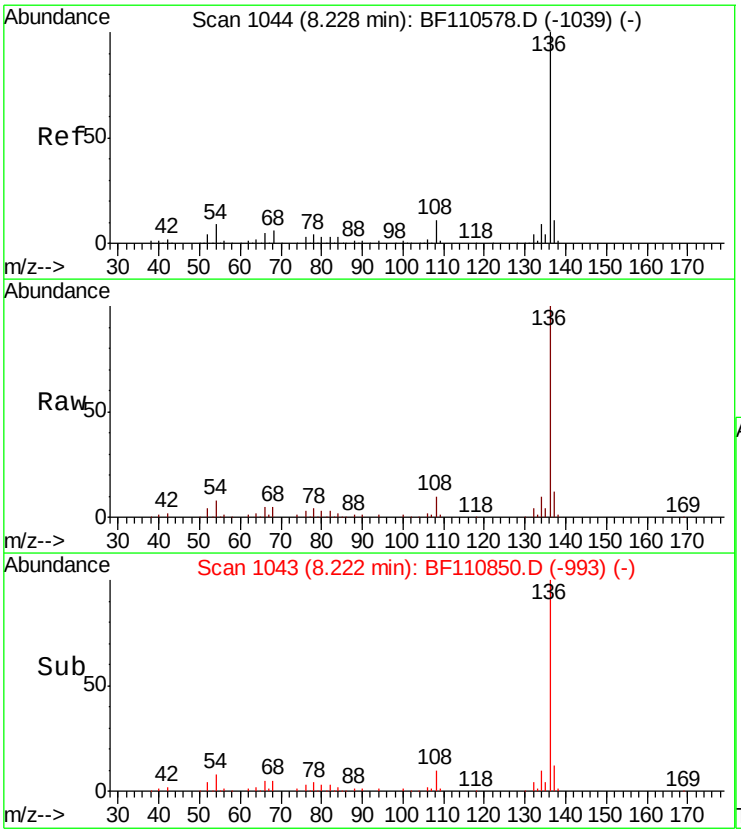
#19
n-Nitroso-di-n-propylamine
Concen: 13.816 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 38824

Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.4	71.2
101	0.0	7.3	10.9#
130	1.9	16.2	24.2#

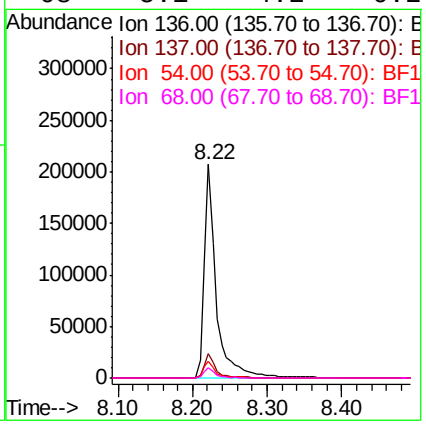


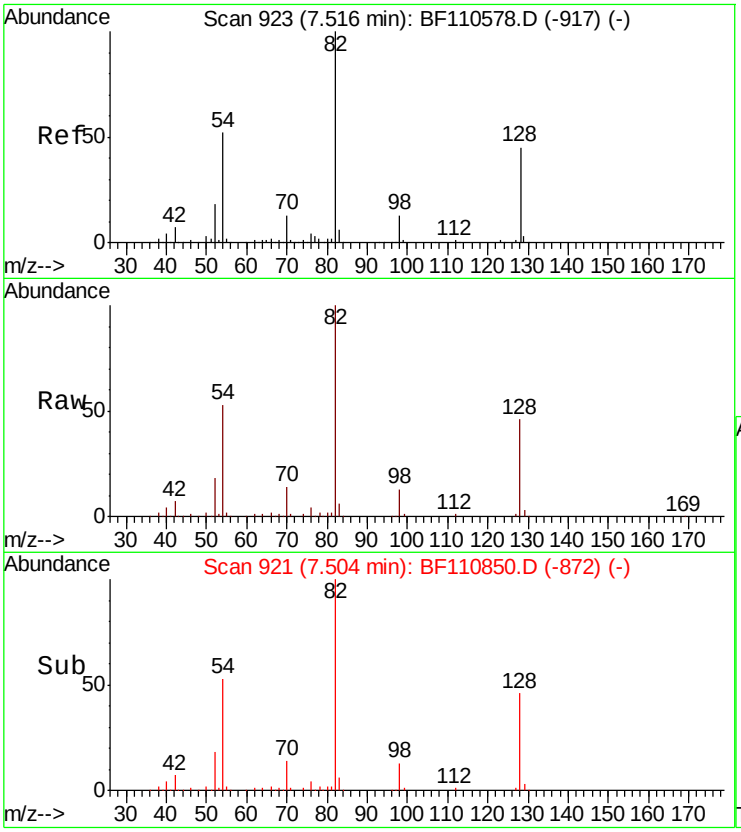


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Tgt Ion:136 Resp: 234162

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	8.0	5.4	8.2
68	5.1	4.2	6.2



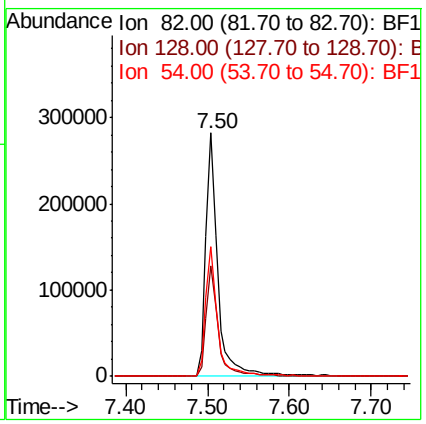


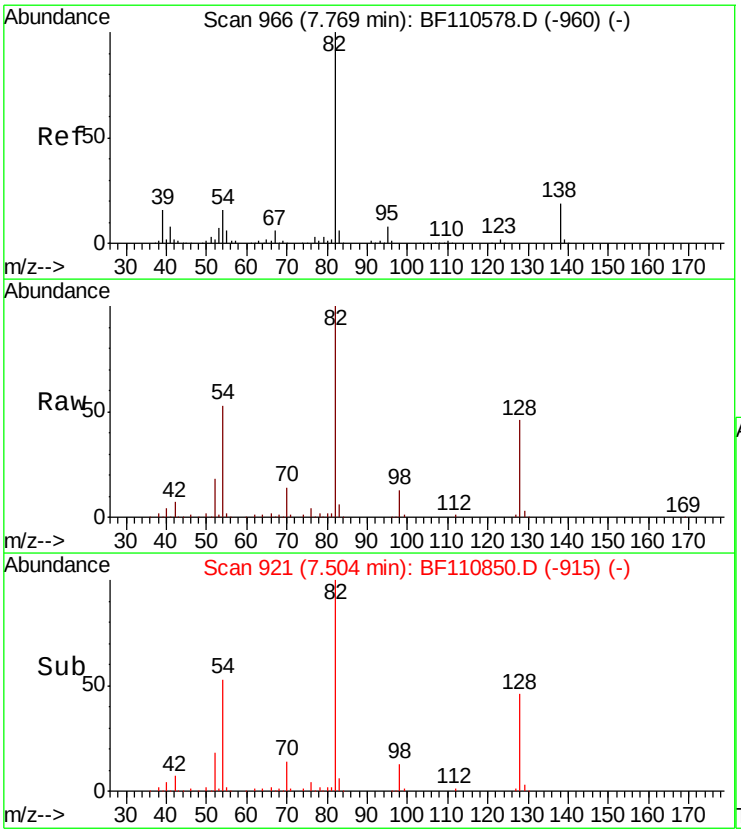
#23
Nitrobenzene-d5
Concen: 71.495 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 290702

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.2	51.2
54	53.2	38.6	58.0

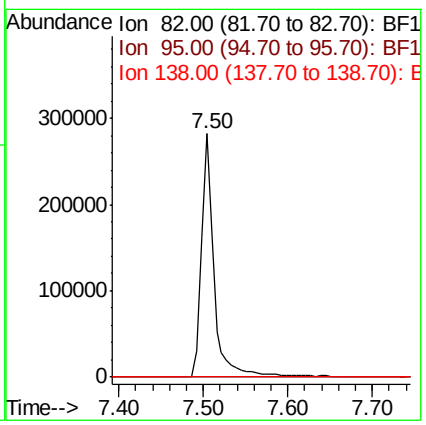


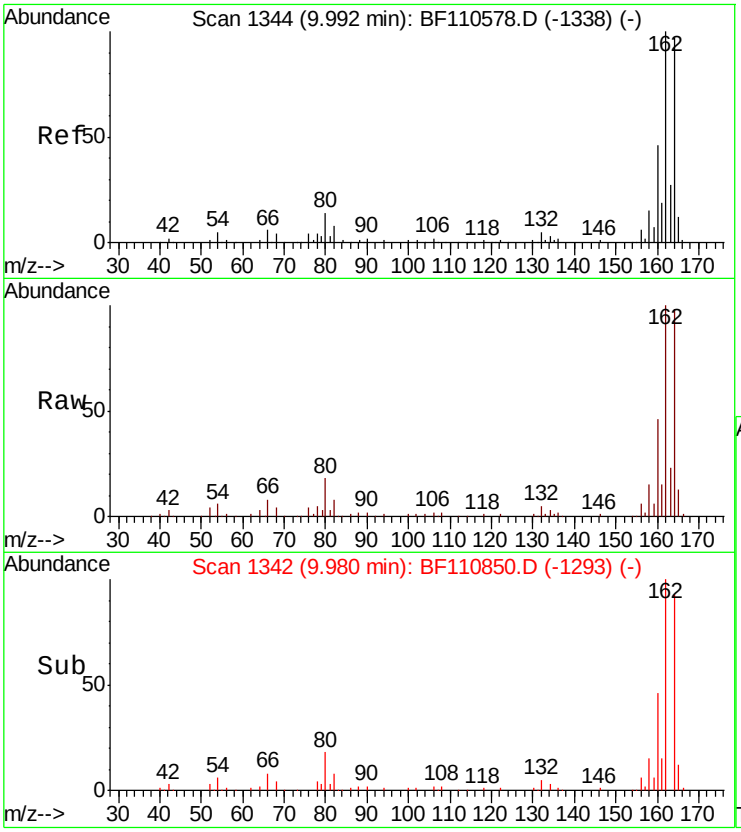


#25
Isophorone
Concen: 43.621 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Tgt Ion: 82 Resp: 290700

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



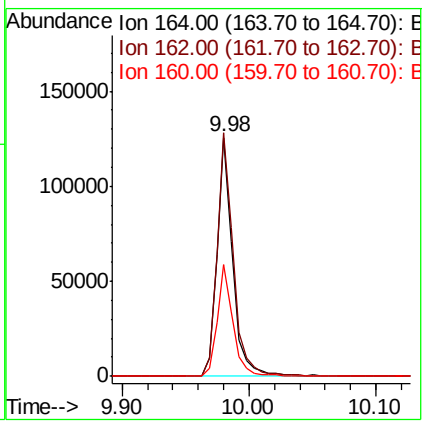


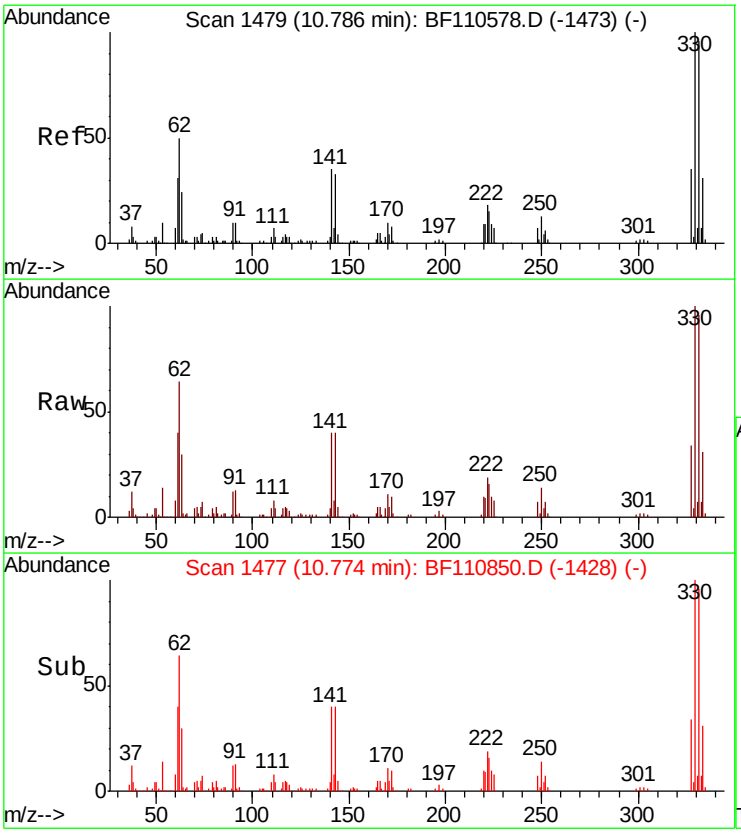
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 110260

Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.0	124.6
160	46.8	37.0	55.6

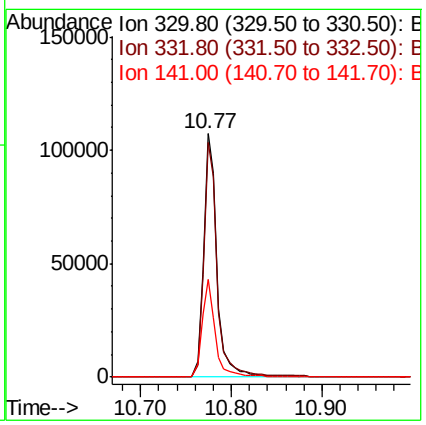


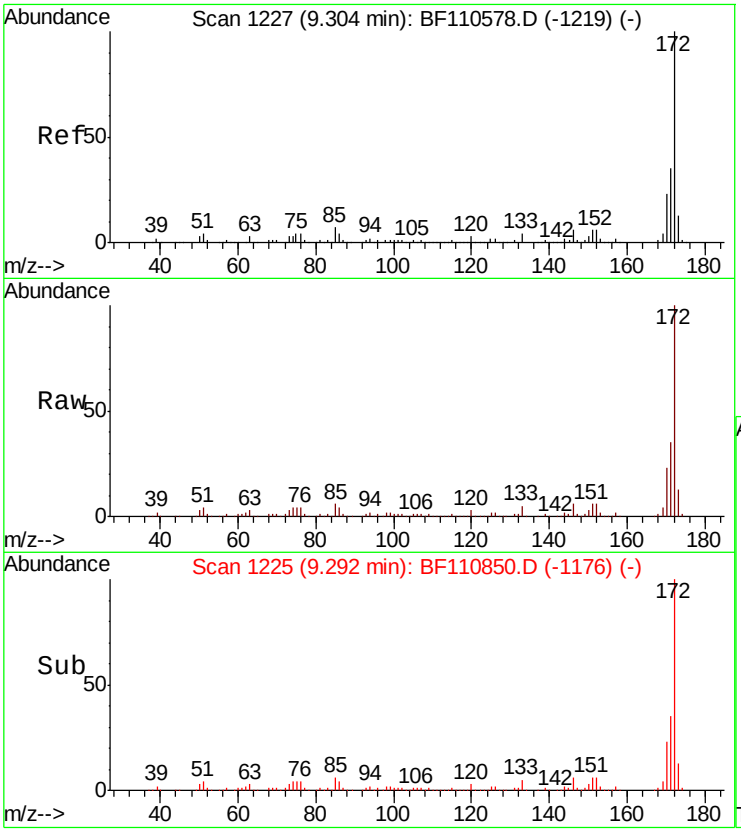


#42
2,4,6-Tribromophenol
Concen: 101.205 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Tgt Ion:330 Resp: 112440

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	38.8	27.0	40.4



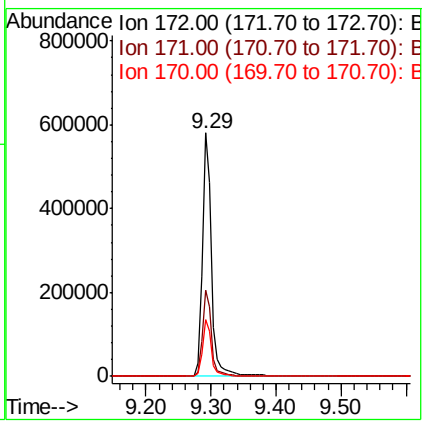


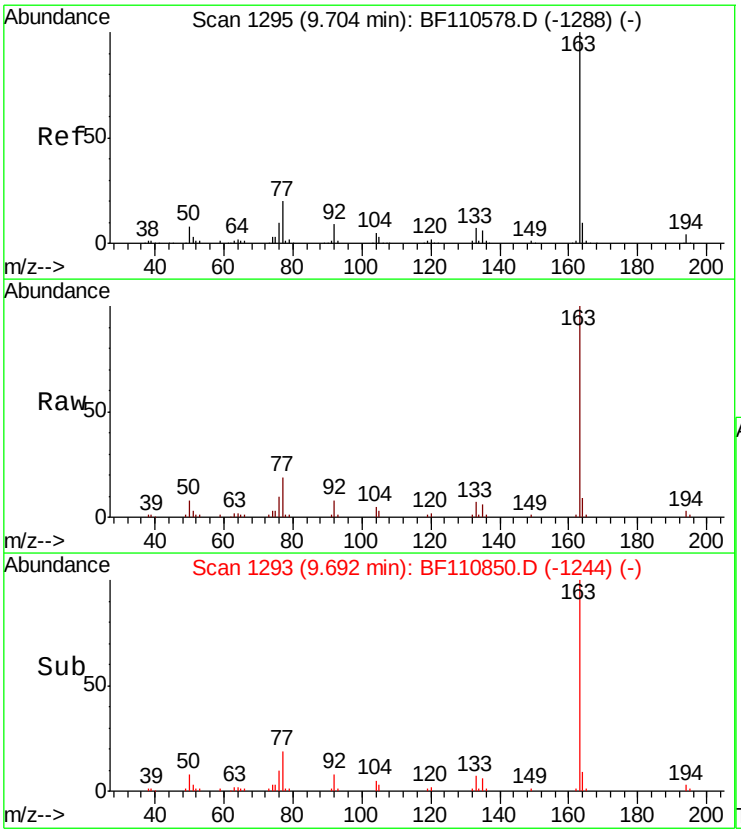
#45
2-Fluorobiphenyl
Concen: 72.546 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 560081

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.4	19.7	29.5

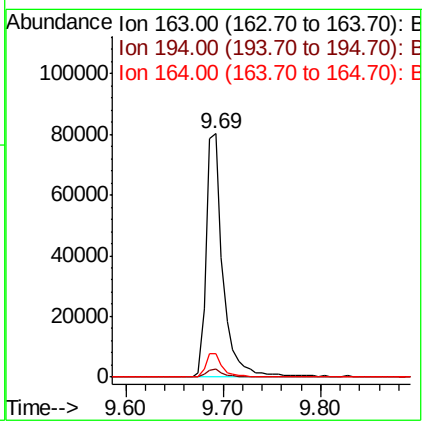


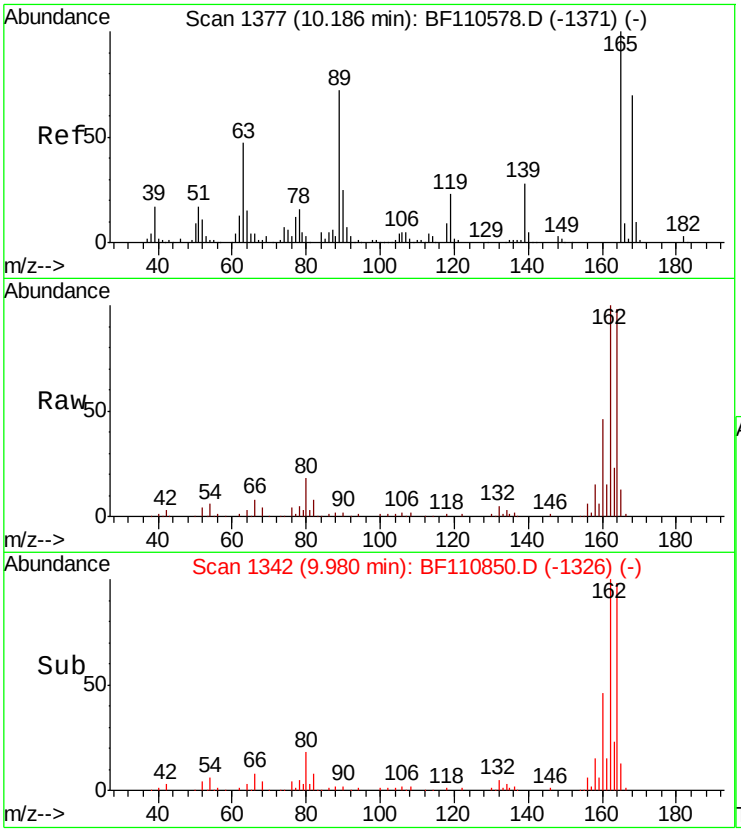


#50
Dimethylphthalate
Concen: 11.603 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Tgt Ion:163 Resp: 95465

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.4	8.1	12.1



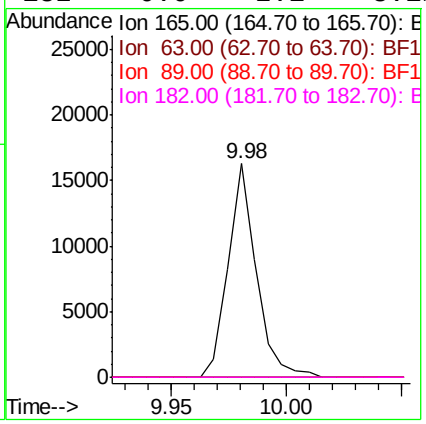


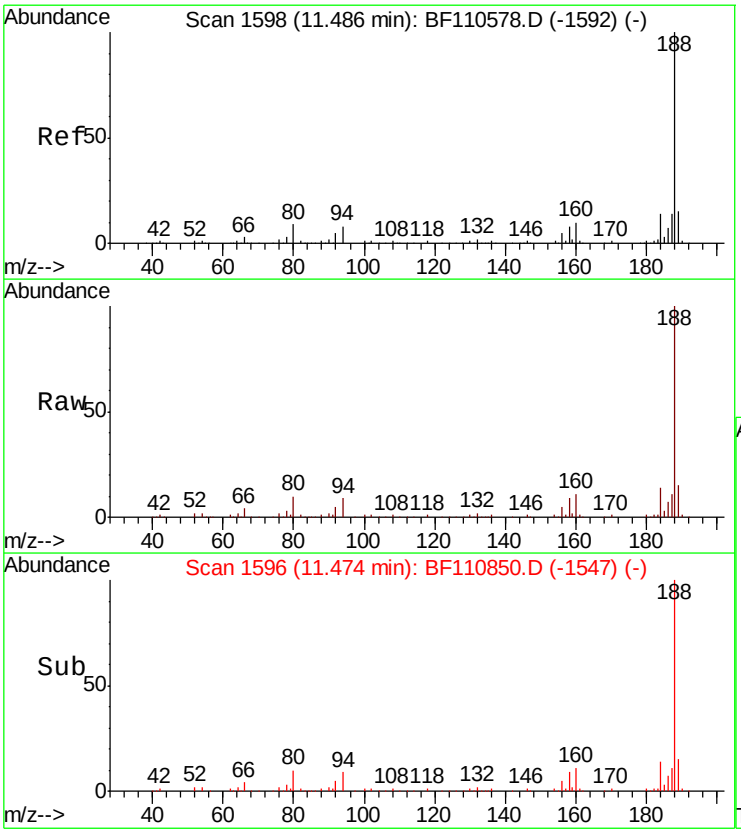
#57
2,4-Dinitrotoluene
Concen: 5.877 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13830

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#

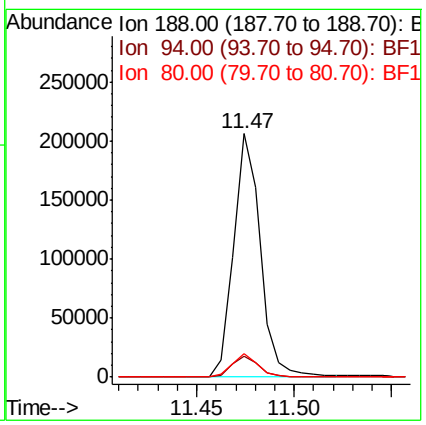


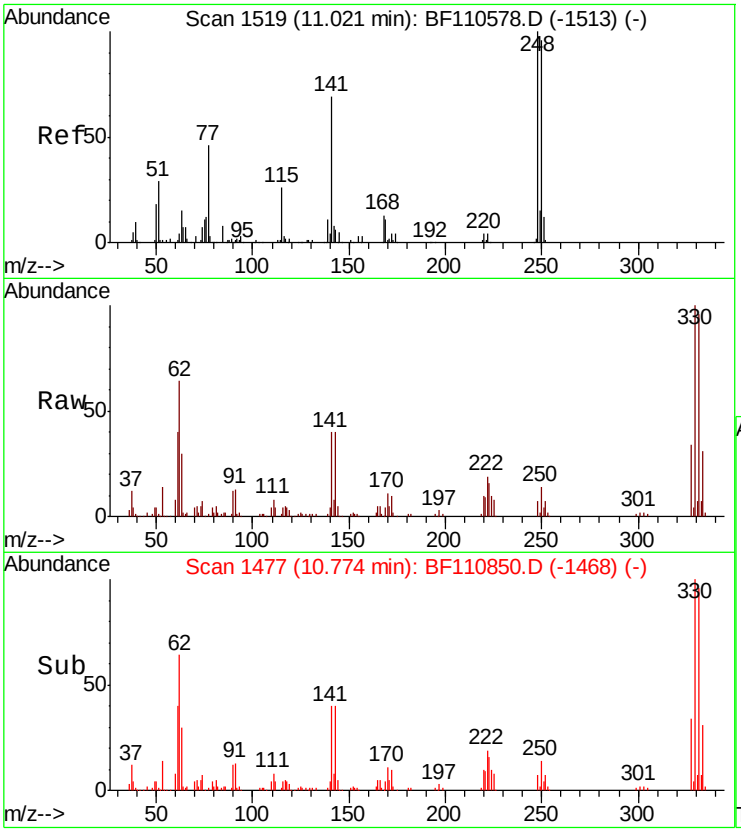


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Tgt Ion:188 Resp: 195917

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.6	7.9	11.9



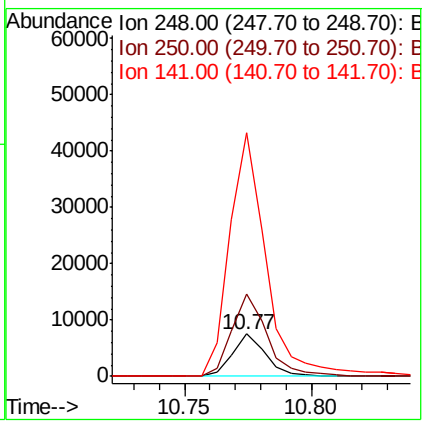


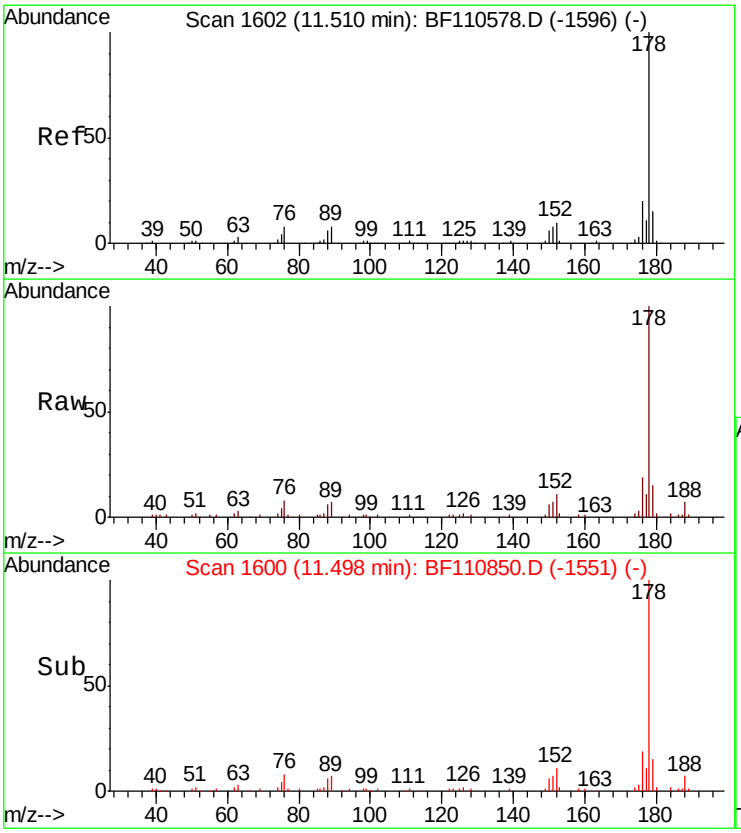
#67
4-Bromophenyl-phenylether
Concen: 3.156 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6833

Ion	Ratio	Lower	Upper
248	100		
250	195.4	79.4	119.2#
141	576.7	55.9	83.9#

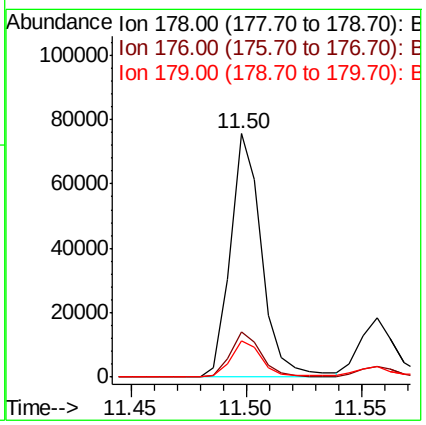


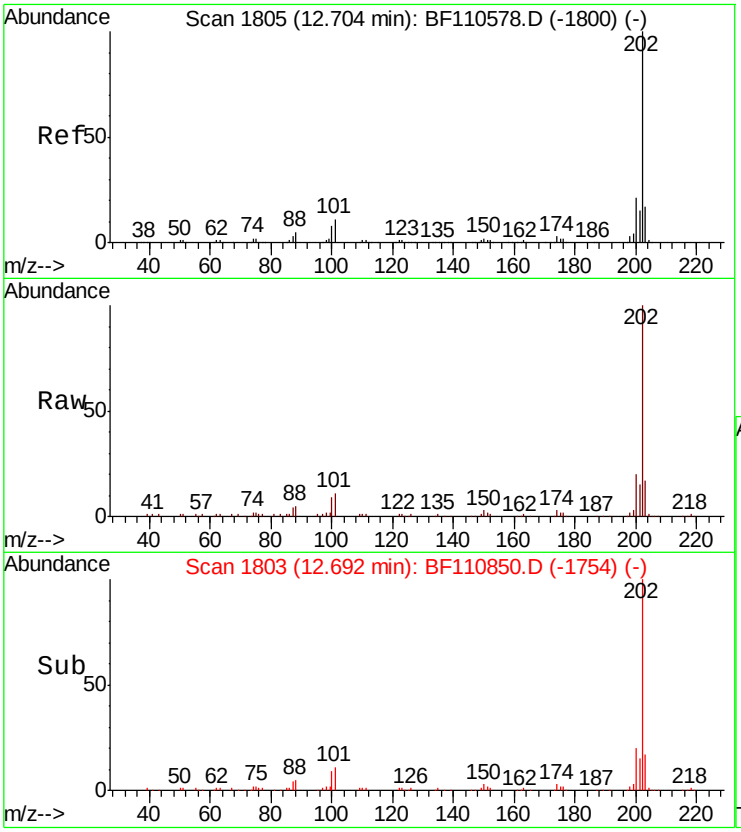


#71
Phenanthrene
Concen: 6.812 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Tgt Ion:178 Resp: 71502

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.1	12.5	18.7



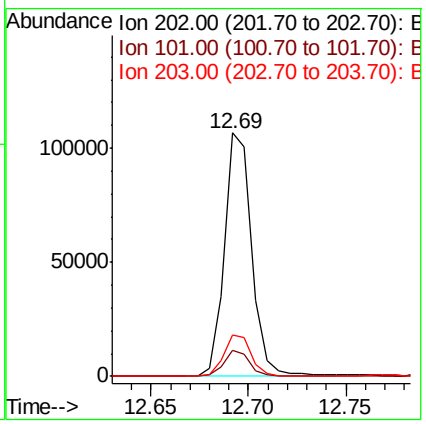


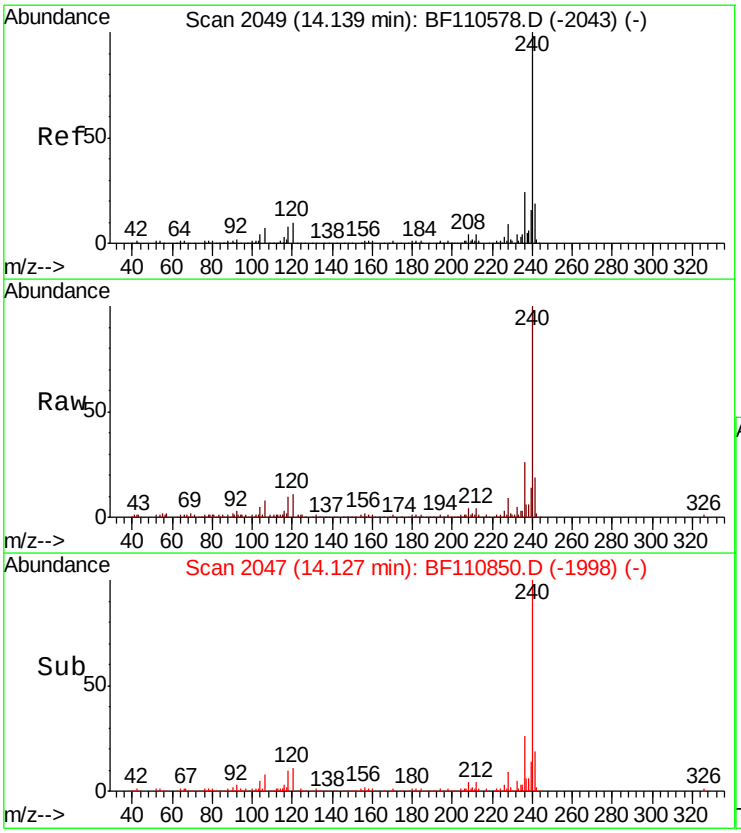
#75
Fluoranthene
Concen: 9.839 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 103541

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.4
203	16.8	0.0	37.7

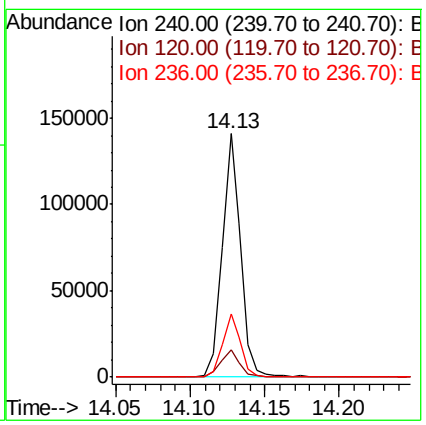


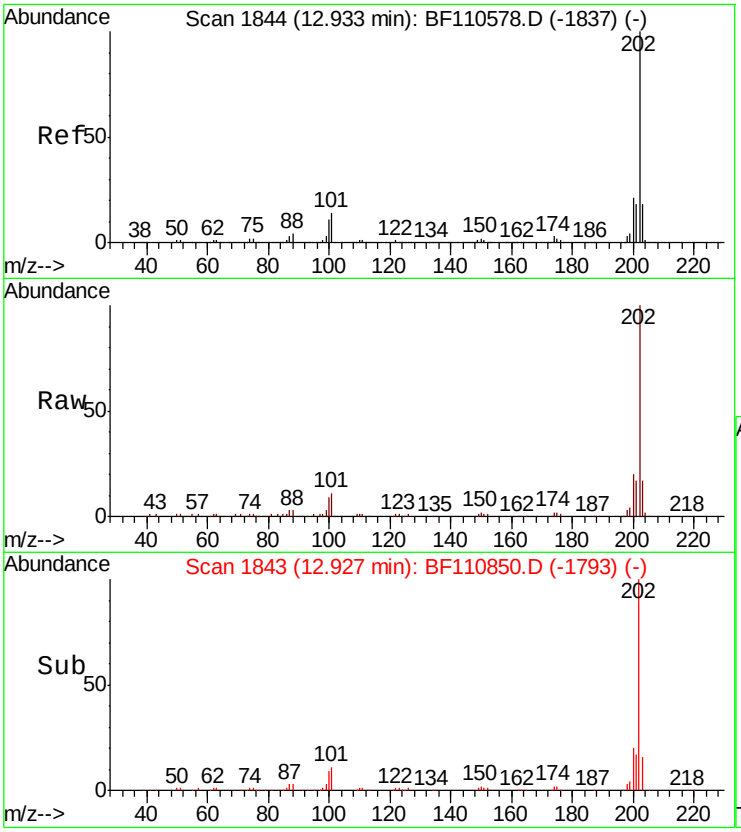


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Tgt Ion:240 Resp: 122625

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



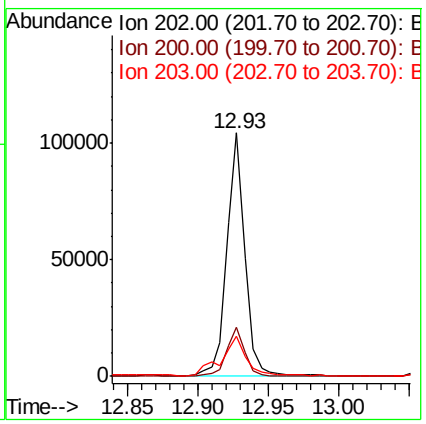


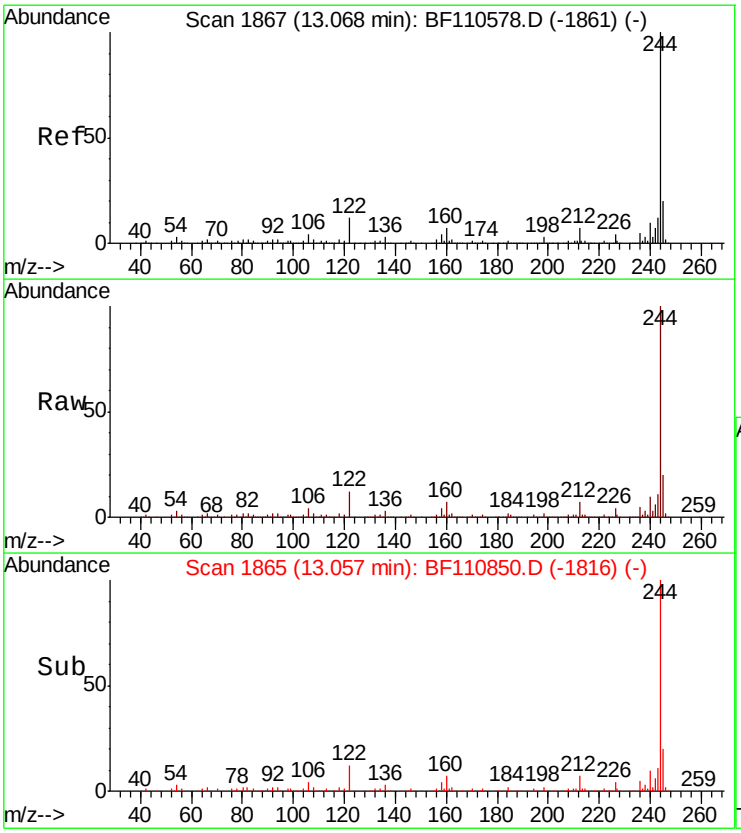
#78
Pyrene
Concen: 9.865 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 93142

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.6
203	16.6	14.2	21.4

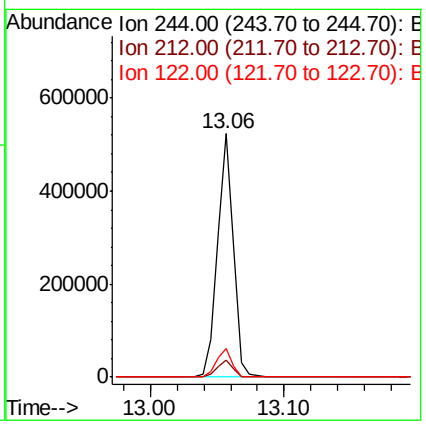


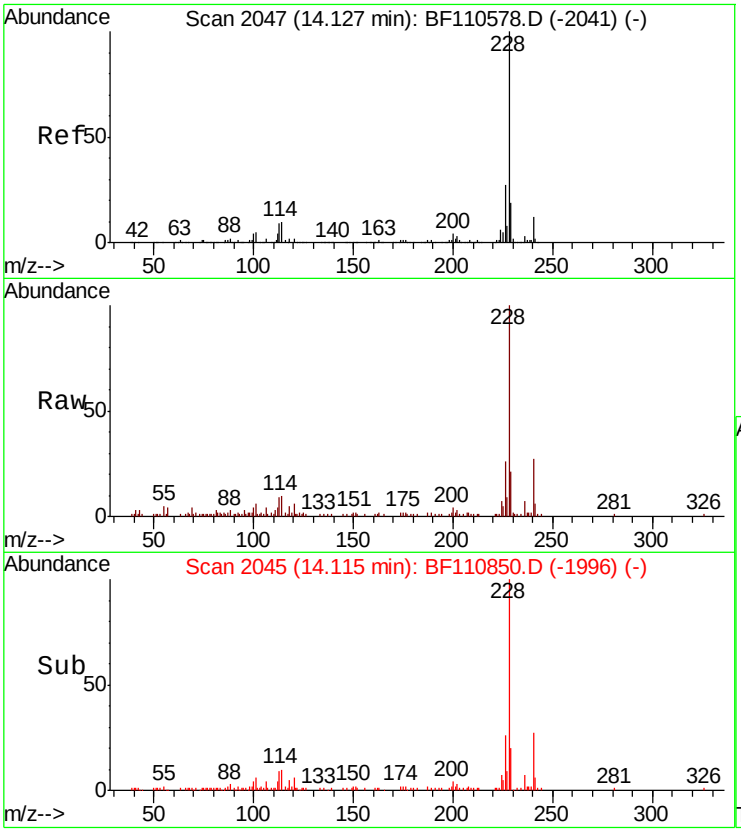


#79
Terphenyl-d14
Concen: 67.261 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Tgt Ion:244 Resp: 440413

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.8	8.7	13.1



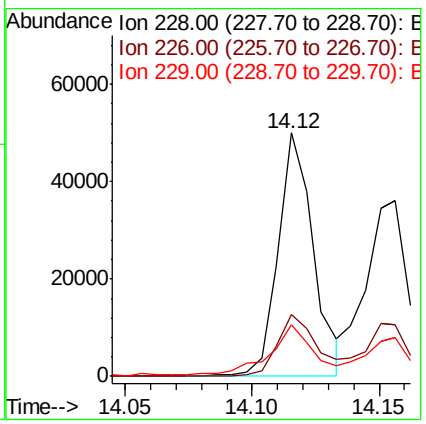


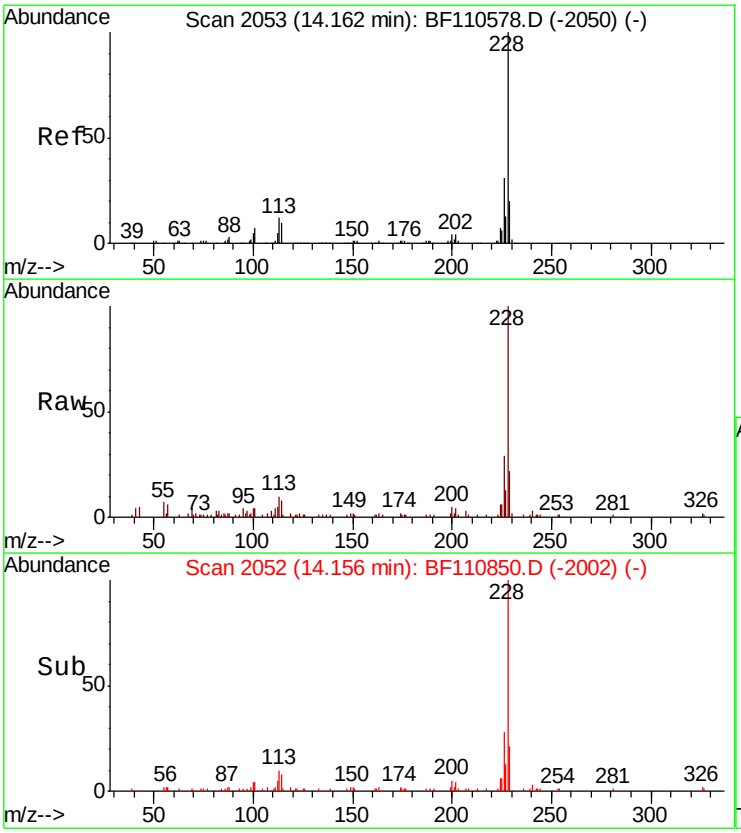
#81
Benzo(a)anthracene
Concen: 6.577 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 48203

Ion	Ratio	Lower	Upper
228	100		
226	25.6	22.1	33.1
229	21.1	15.6	23.4

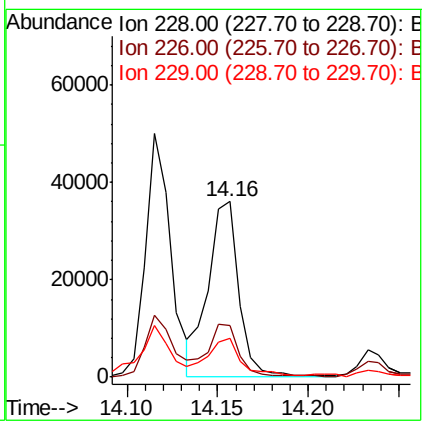


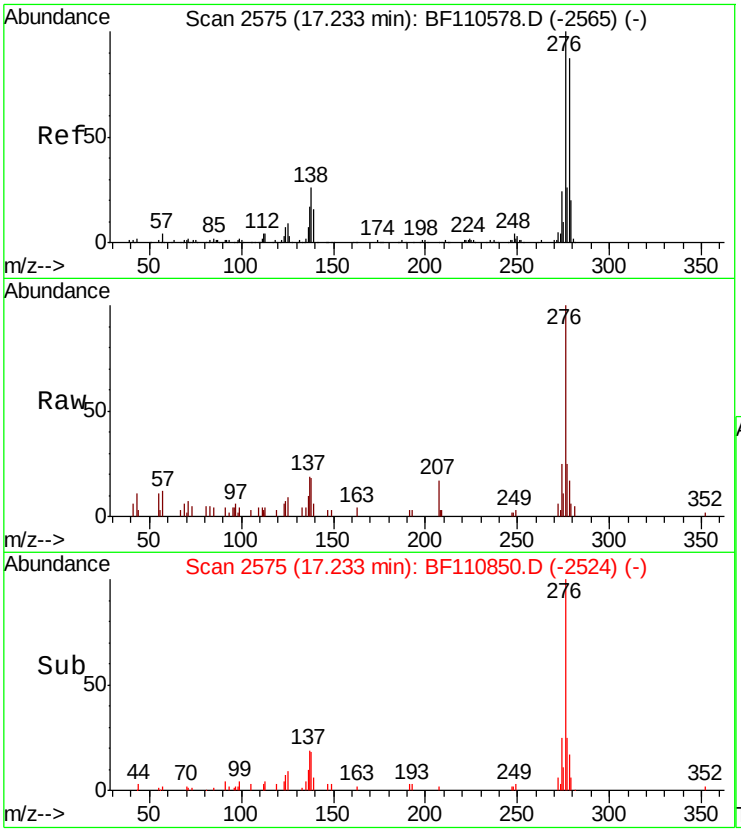


#83
Chrysene
Concen: 6.184 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Tgt Ion:228 Resp: 43179

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.7	37.1
229	22.2	15.9	23.9



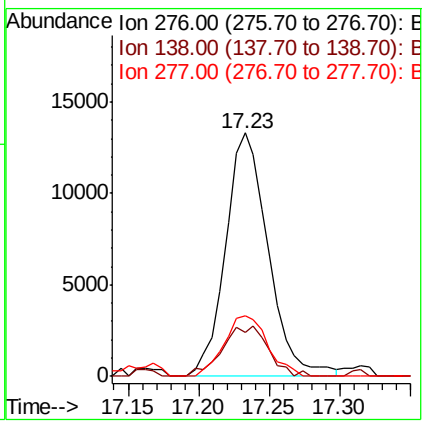


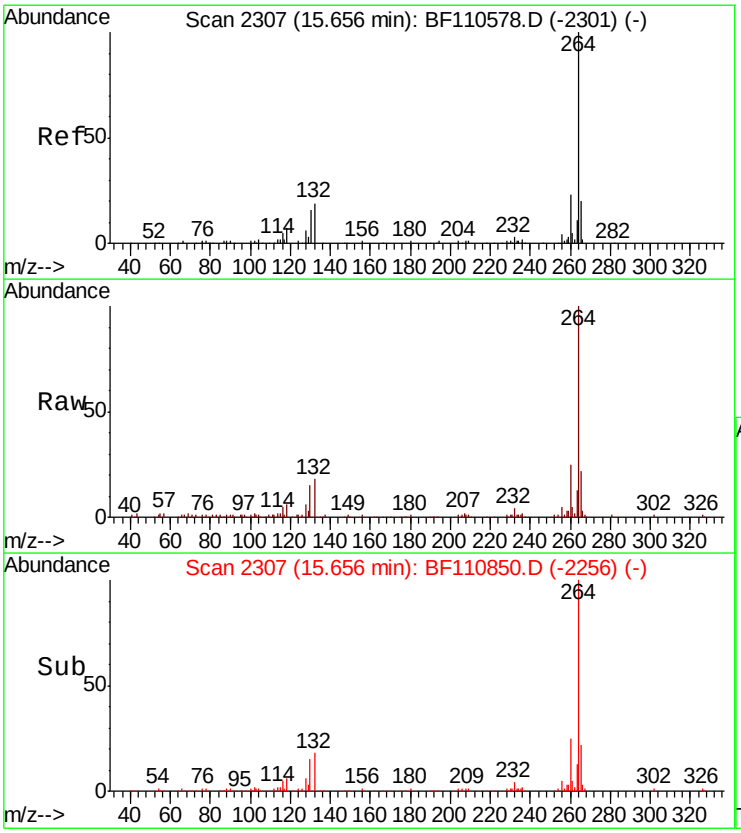
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.611 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 28113

Ion	Ratio	Lower	Upper
276	100		
138	22.1	18.5	27.7
277	25.3	20.0	30.0

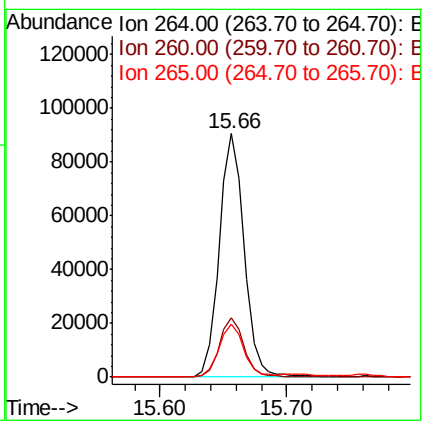


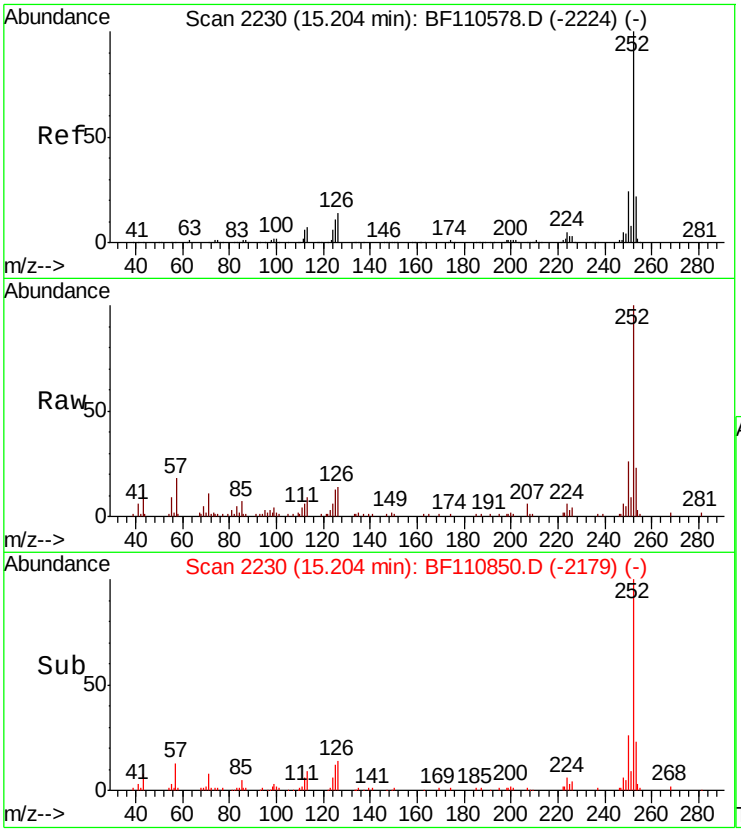


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Tgt Ion:264 Resp: 123254

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	21.8	16.7	25.1



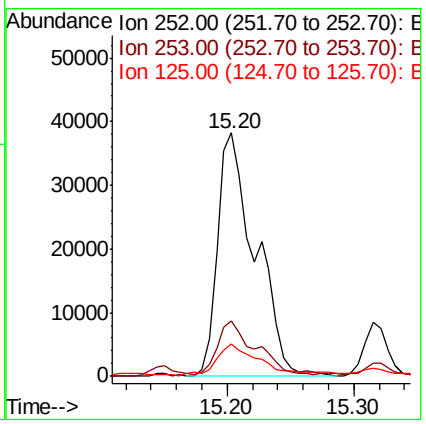


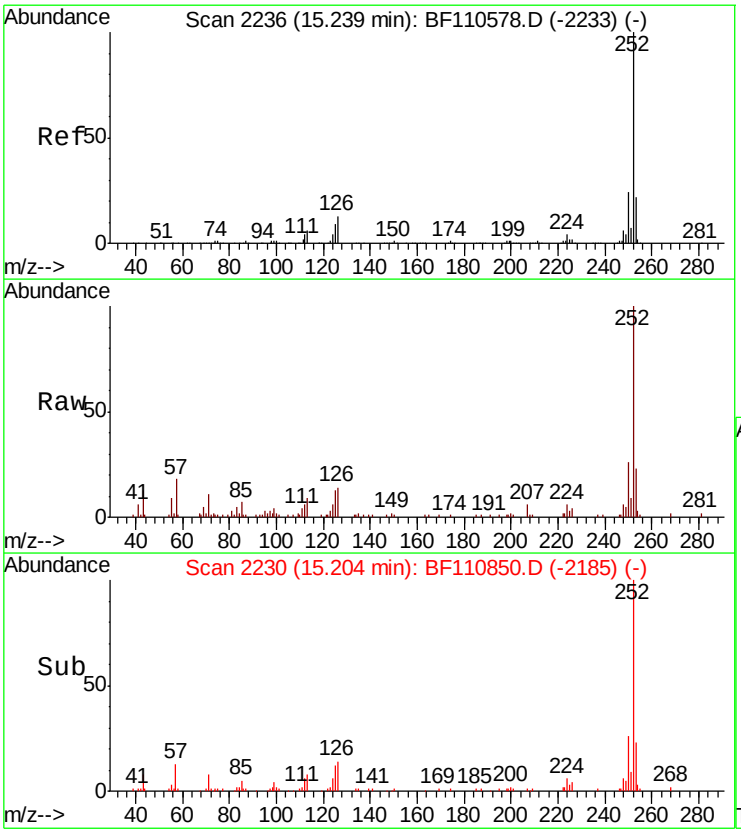
#88
Benzo(b)fluoranthene
Concen: 10.791 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 79567

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	13.5	8.2	12.4#

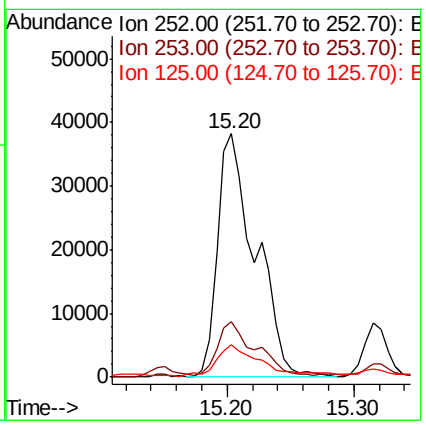


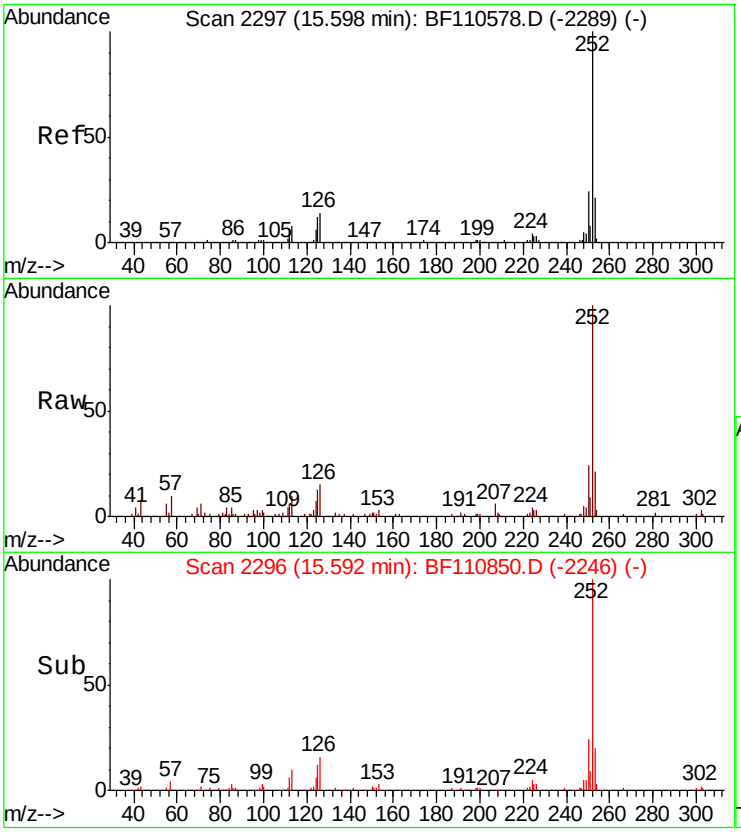


#89
Benzo(k)fluoranthene
Concen: 10.921 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Tgt Ion:252 Resp: 79567

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	13.5	7.4	11.0#



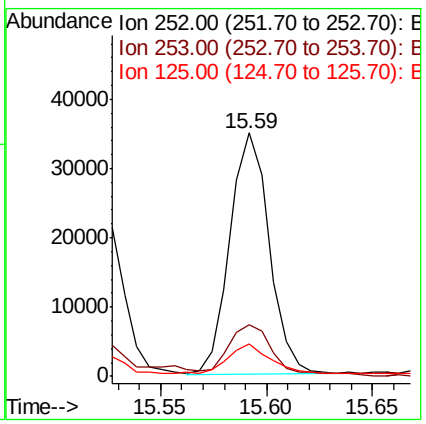


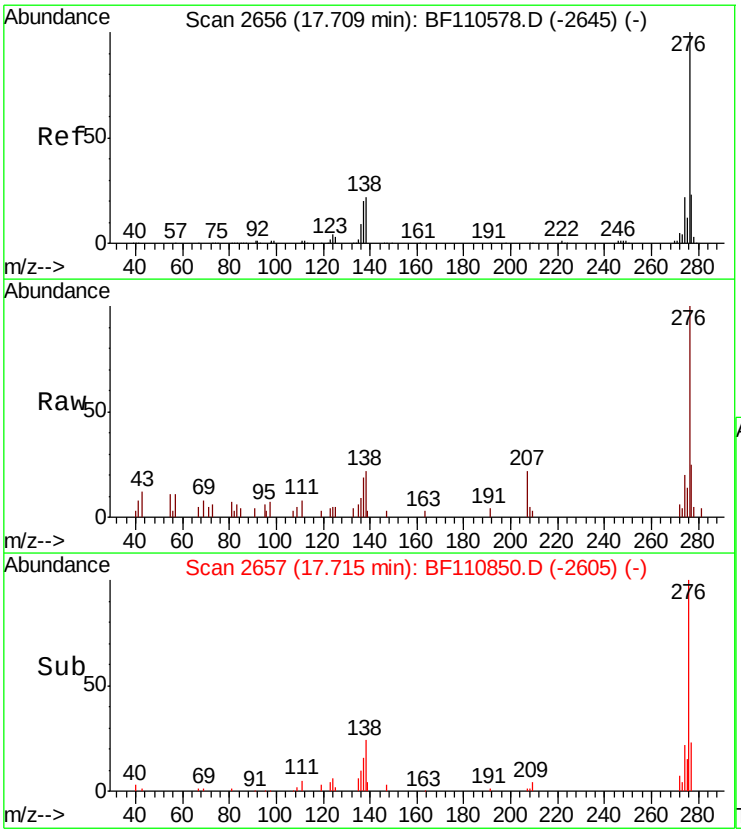
#90
Benzo(a)pyrene
Concen: 6.696 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 44858

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.2	27.4
125	13.1	9.0	13.6





#92
Benzo(g,h,i)perylene
Concen: 4.594 ng
RT: 17.72 min Scan# 2657
Delta R.T. 0.01 min
Lab File: BF110850.D
Acq: 19 Nov 2018 13:58

Tgt Ion:276 Resp: 25841

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	22.4	16.0	24.0