Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
Data File : BF110692.D
Acq On : 12 Nov 2018 23:22
Operator : JU/SJ
Sample : J5907-15 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-S

Quant Time: Nov 13 05:42:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	106851	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	441605	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	193932	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	309144	20.00	ng		0.00
76) Chrysene-d12	14.13	240	197488	20.00	ng		-0.01
87) Perylene-d12	15.66	264	174750	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	362347	55.08	ng		0.00
7) Phenol-d6	6.57	99	474256	56.38	ng		0.00
23) Nitrobenzene-d5	7.51	82	299545	39.06	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	79070	40.46	ng		-0.01
45) 2-Fluorobiphenyl	9.30	172	536799	39.53	ng		0.00
79) Terphenyl-d14	13.06	244	349208	33.12	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	995	Below Cal		#	1
10) Phenol	6.58	94	26923	2.760	ng	#	69
19) n-Nitroso-di-n-propylamine	7.51	70	39361	7.330	ng	#	79
25) Isophorone	7.51	82	299543	23.833	ng	#	67
50) Dimethylphthalate	9.69	163	76597	5.293	ng		99
51) 2,6-Dinitrotoluene	9.99	165	25061	7.873	ng	#	23
57) 2,4-Dinitrotoluene	9.99	165	25061	6.055	ng	#	19
71) Phenanthrene	11.50	178	234709	14.171	ng		98
72) Anthracene	11.56	178	42186	2.525	ng		98
75) Fluoranthene	12.70	202	273410	16.466	ng		99
78) Pyrene	12.93	202	262217	17.244	ng		98
81) Benzo(a)anthracene	14.12	228	117965	9.994	ng		99
83) Chrysene	14.15	228	113564	10.098	ng		97
86) Indeno(1,2,3-cd)pyrene	17.22	276	45071	5.585	ng		96
88) Benzo(b)fluoranthene	15.20	252	169115	16.177	ng		97
89) Benzo(k)fluoranthene	15.20	252	168853	16.346	ng	#	97
90) Benzo(a)pyrene	15.59	252	86304	9.086	ng		97
92) Benzo(g,h,i)perylene	17.70	276	43686	5.478	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
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Acq On : 12 Nov 2018 23:22
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Misc :
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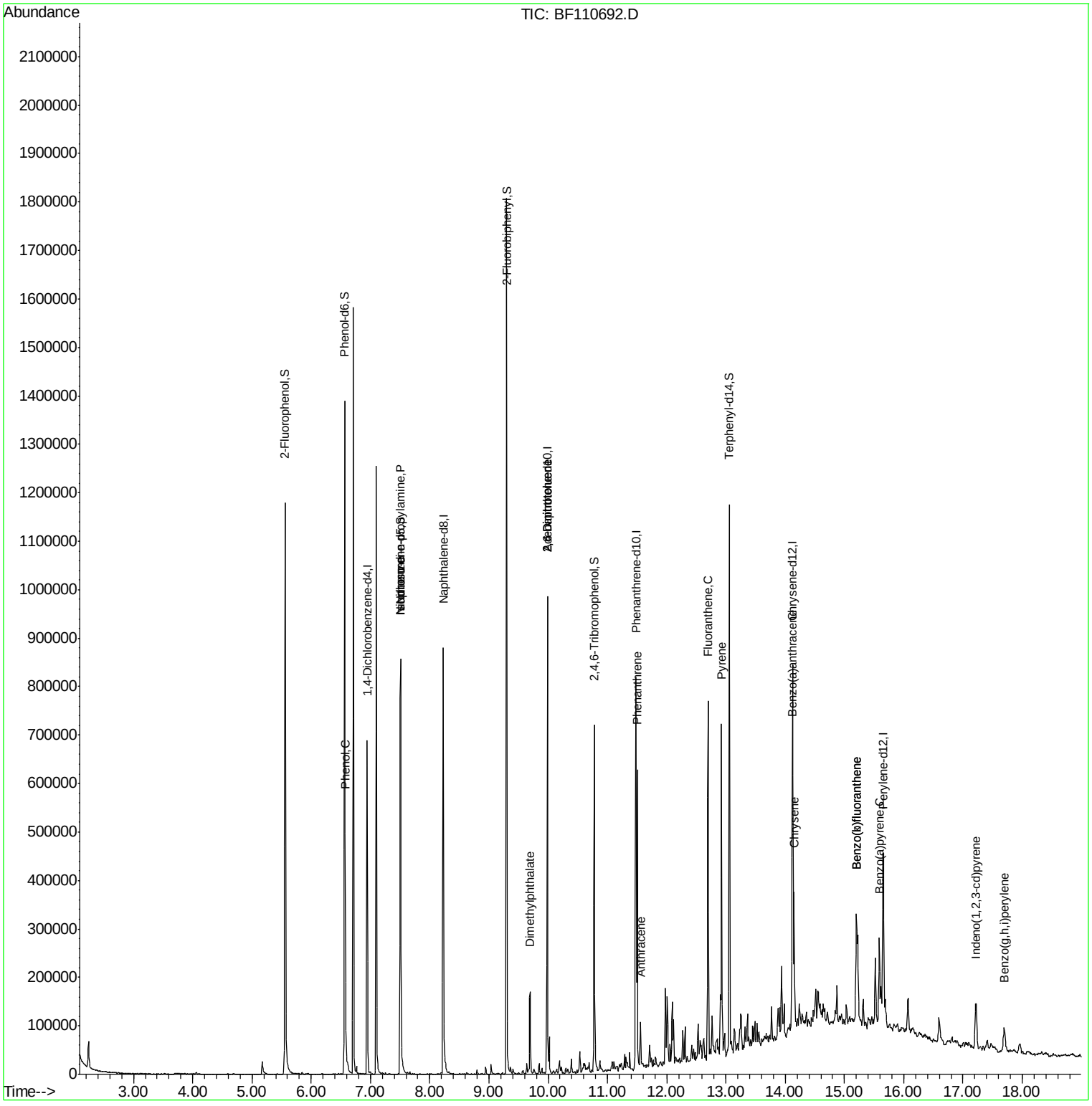
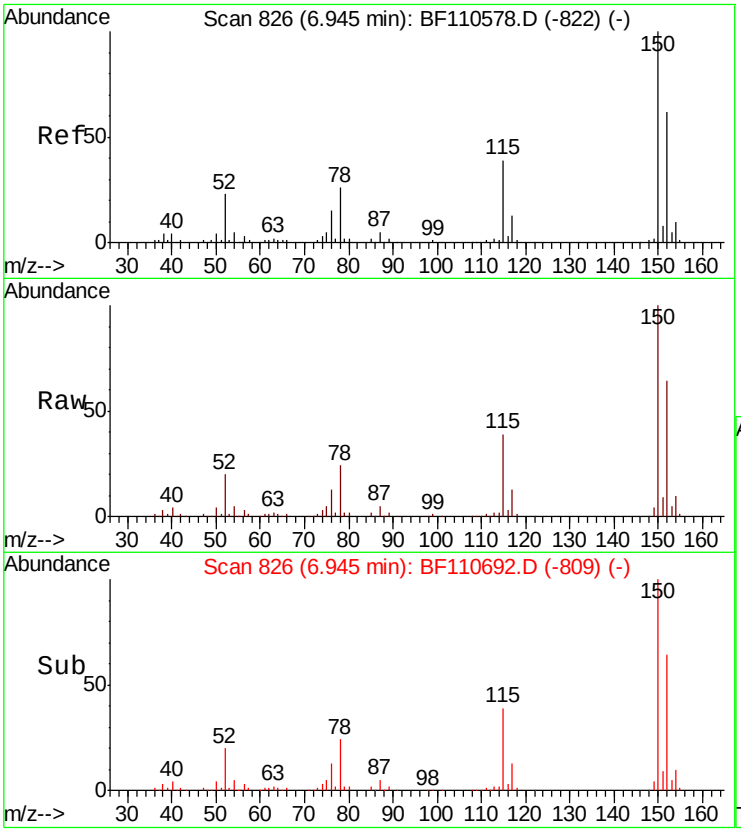
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration



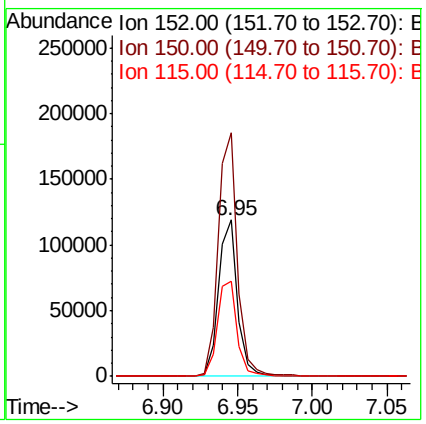


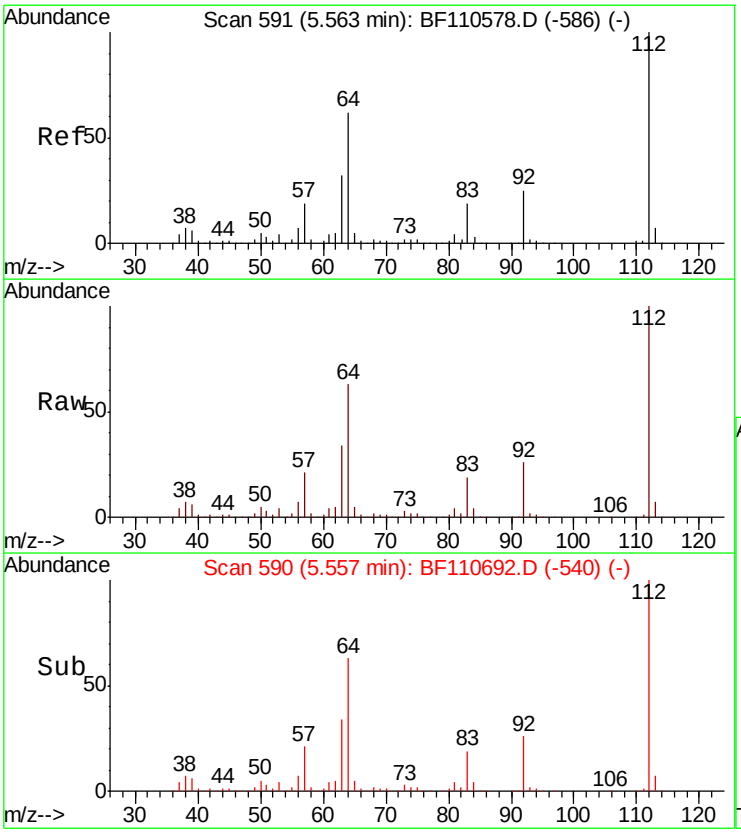
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion:152 Resp: 106851

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.7	184.1
115	61.1	49.1	73.7

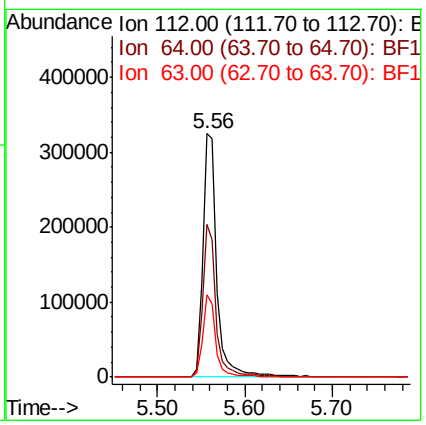


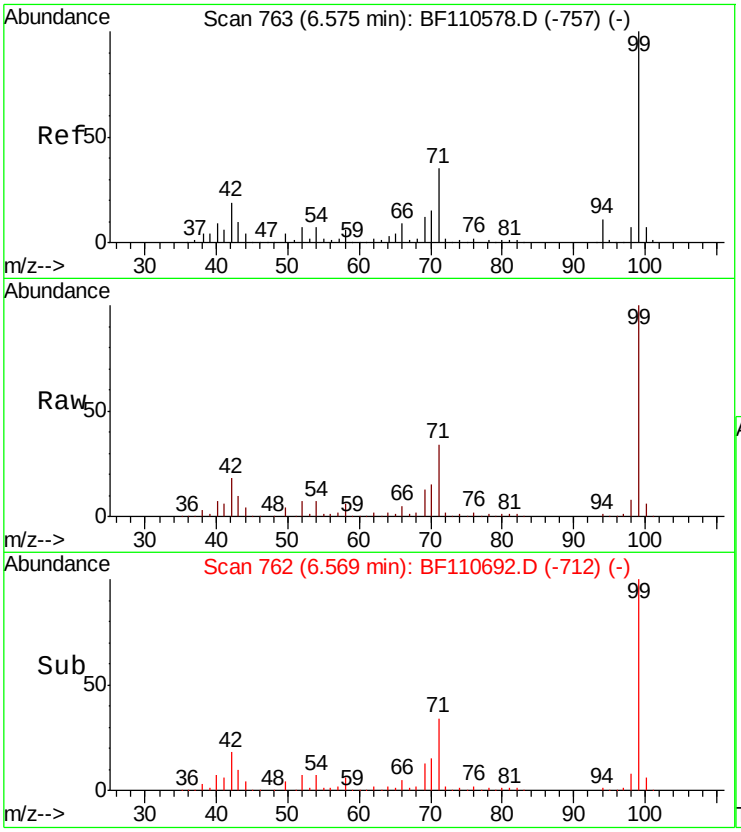


#5
2-Fluorophenol
Concen: 55.083 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion:112 Resp: 362347

Ion	Ratio	Lower	Upper
112	100		
64	62.8	44.1	66.1
63	33.6	23.7	35.5



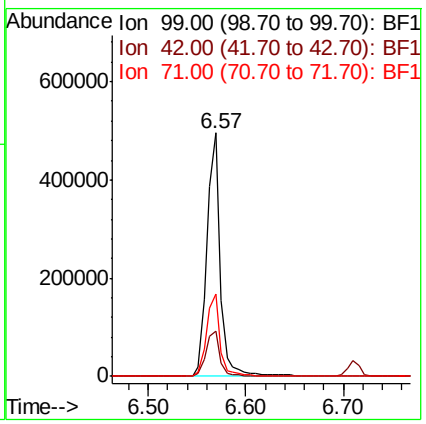


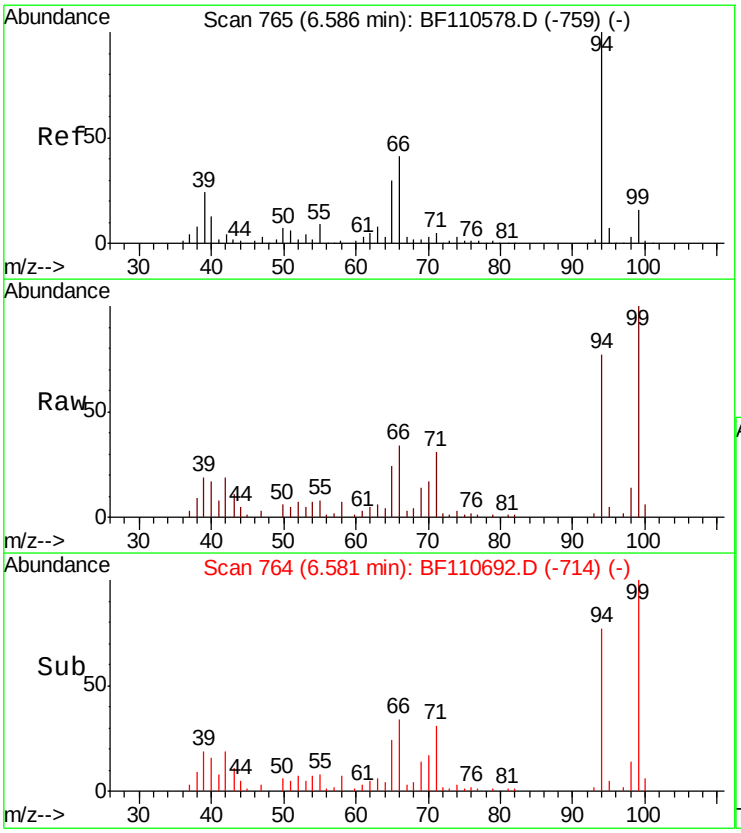
#7
Phenol-d6
Concen: 56.379 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion: 99 Resp: 474256

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.8	23.6
71	34.0	28.0	42.0

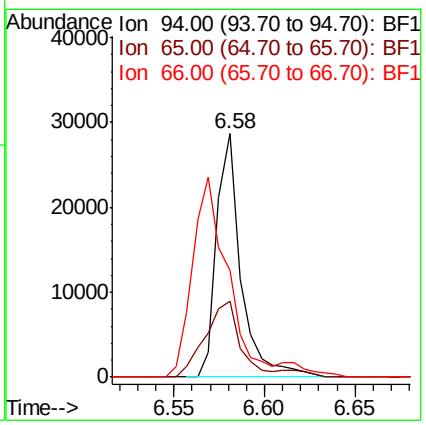


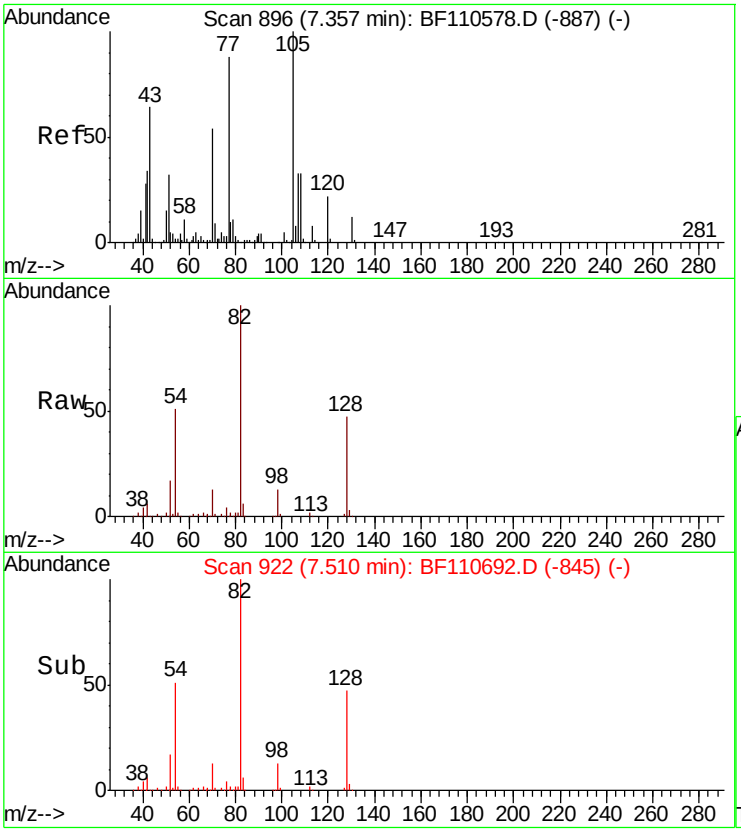


#10
Phenol
Concen: 2.760 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion: 94 Resp: 26923

Ion	Ratio	Lower	Upper
94	100		
65	31.2	25.3	65.3
66	43.8	54.5	94.5#



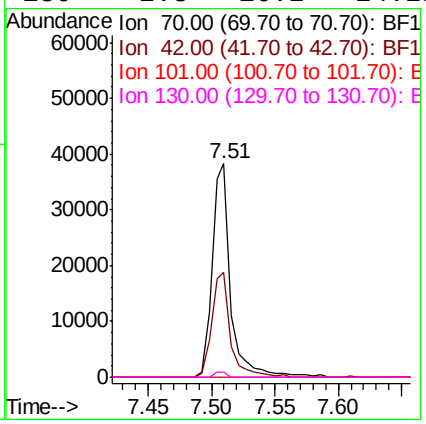


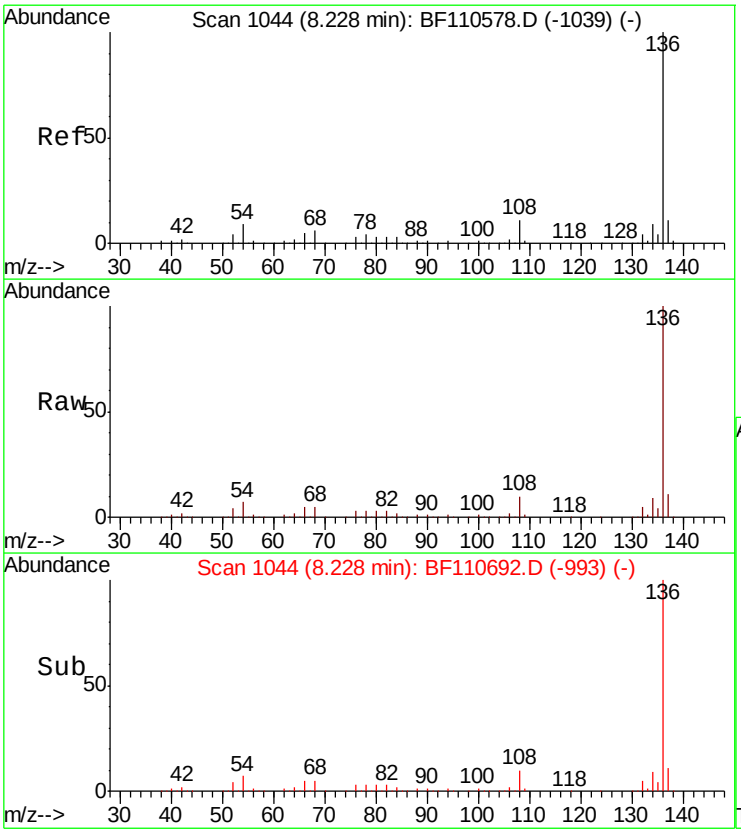
#19
n-Nitroso-di-n-propylamine
Concen: 7.330 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion: 70 Resp: 39361

Ion	Ratio	Lower	Upper
70	100		
42	49.0	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#

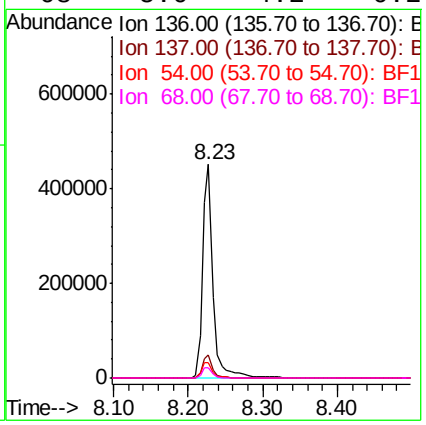


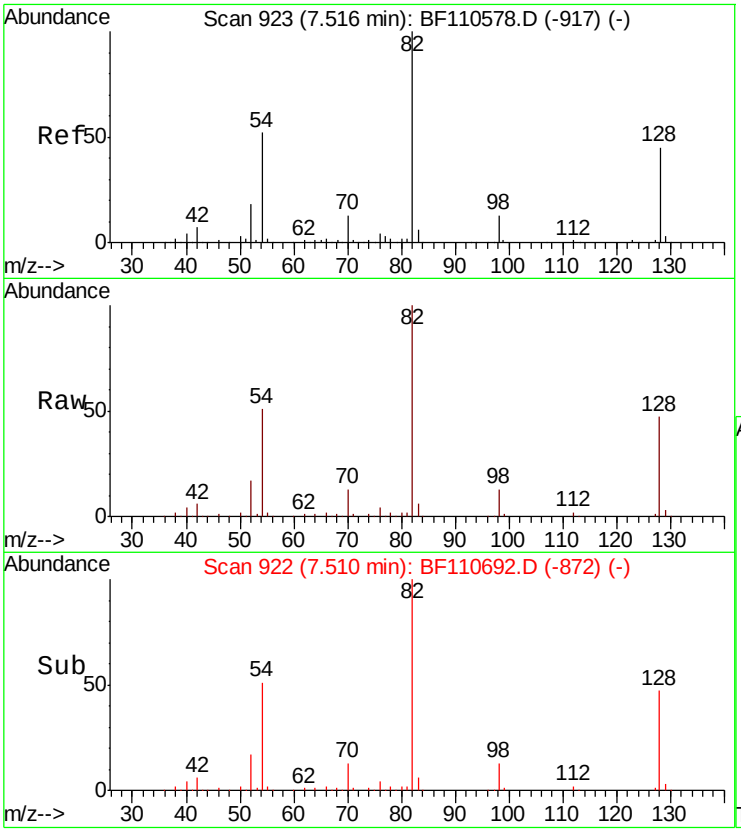


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion:136 Resp: 441605

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.3	5.4	8.2
68	5.0	4.2	6.2



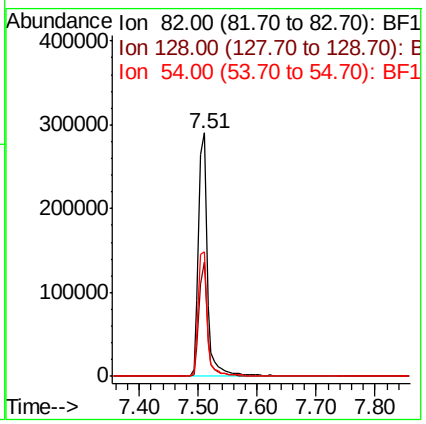


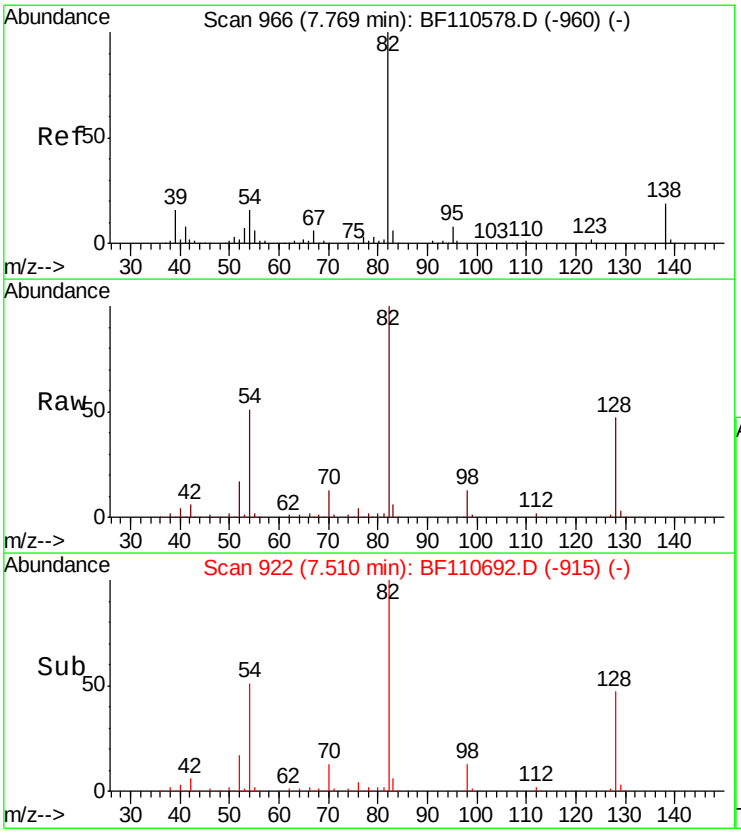
#23
Nitrobenzene-d5
Concen: 39.064 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion: 82 Resp: 299545

Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.2	51.2
54	51.4	38.6	58.0

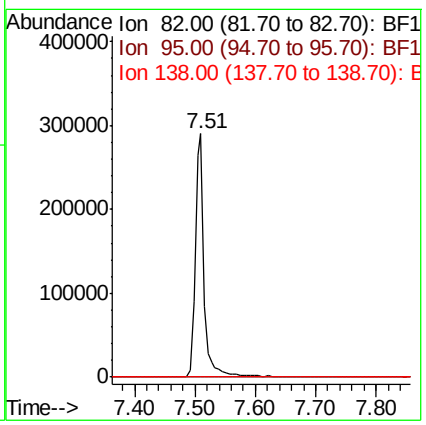


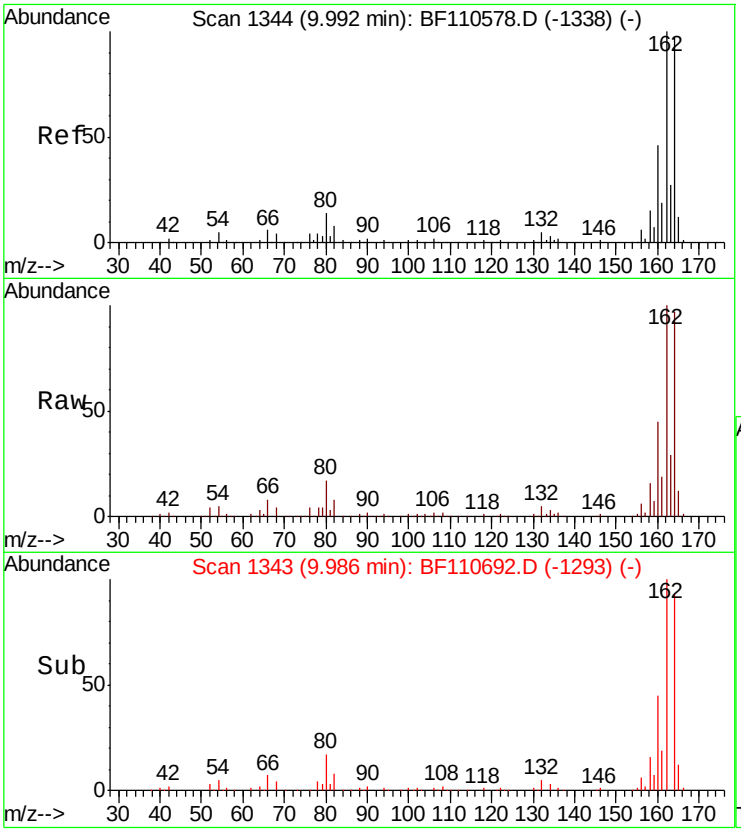


#25
Isophorone
Concen: 23.833 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion: 82 Resp: 299543

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



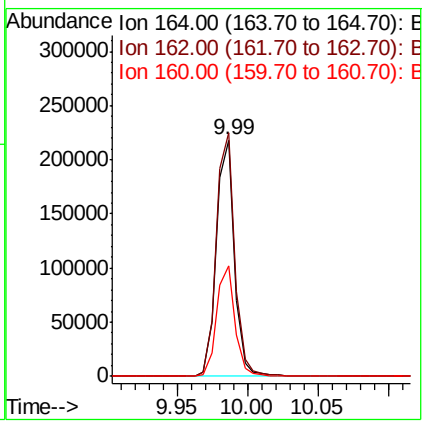


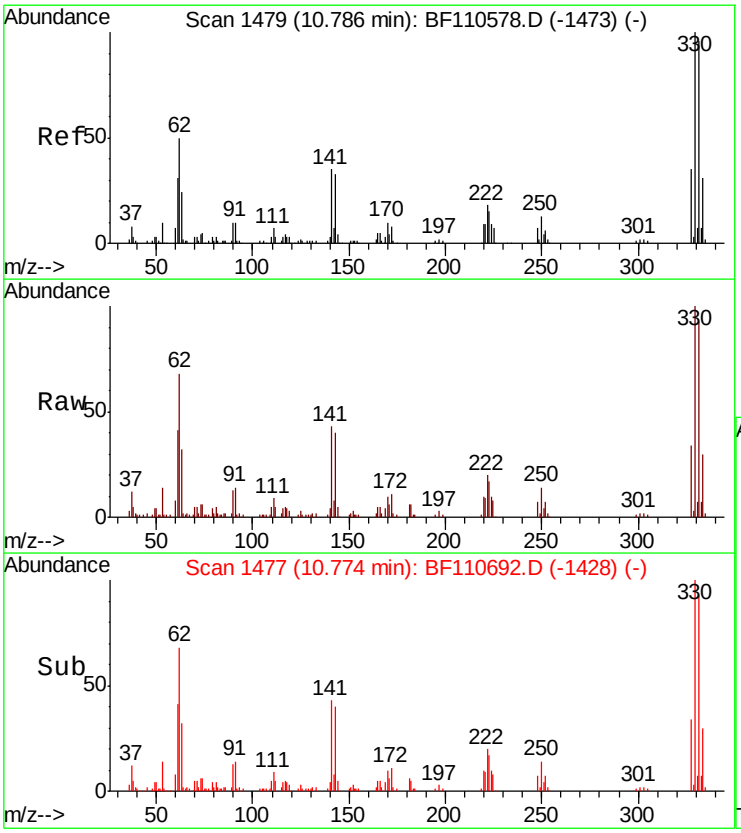
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion:164 Resp: 193932

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.6
160	46.9	37.0	55.6

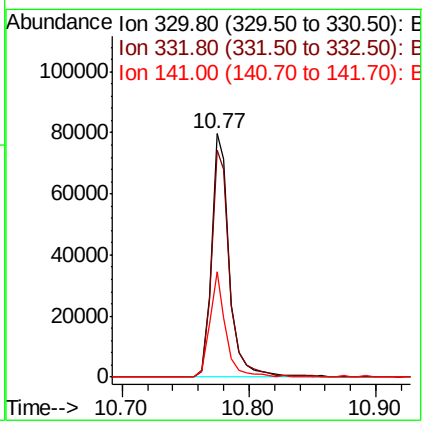


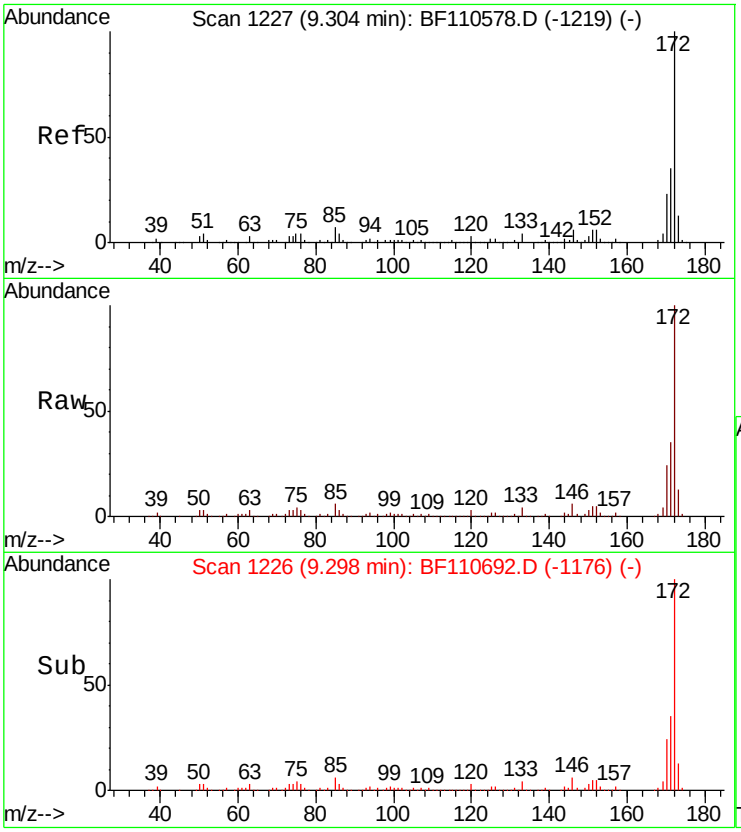


#42
2,4,6-Tribromophenol
Concen: 40.463 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion:330 Resp: 79070

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	38.3	27.0	40.4



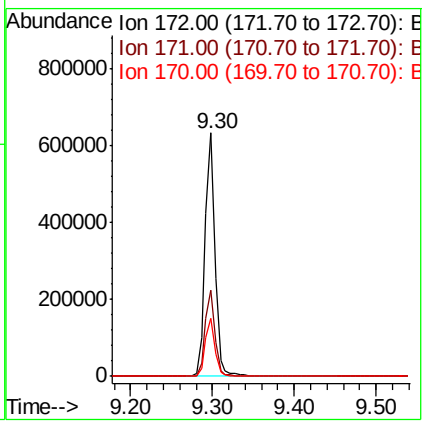


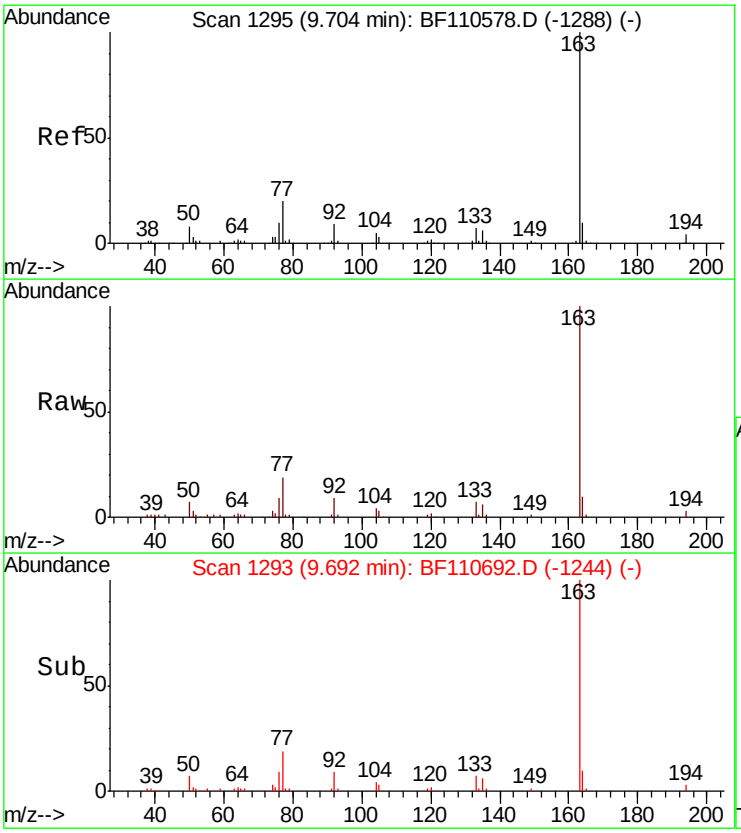
#45
2-Fluorobiphenyl
Concen: 39.532 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion:172 Resp: 536799

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.6	19.7	29.5

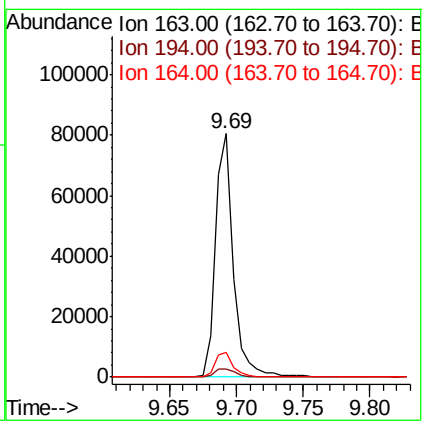


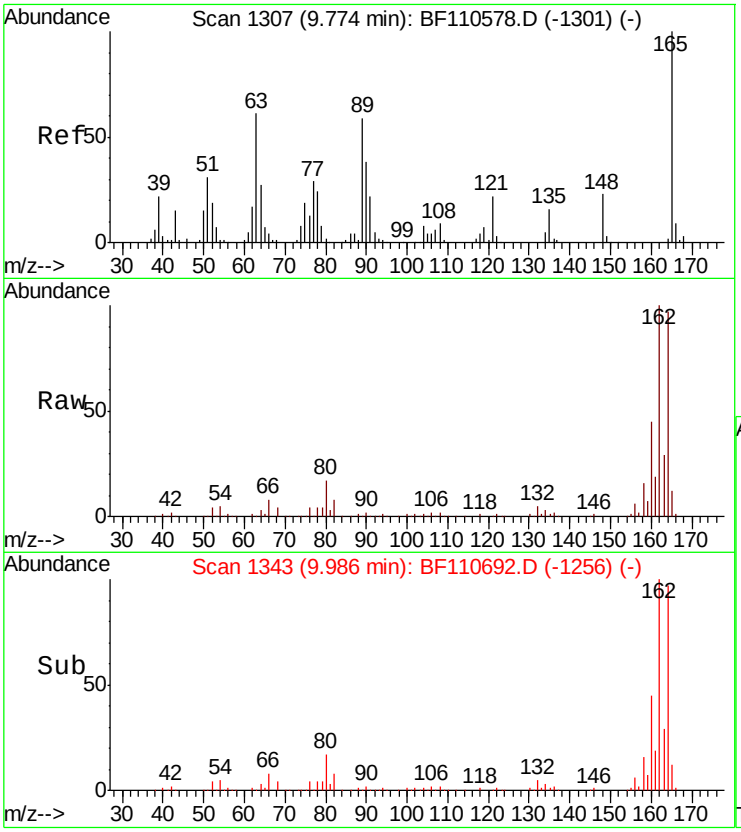


#50
Dimethylphthalate
Concen: 5.293 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion:163 Resp: 76597

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.0	8.1	12.1



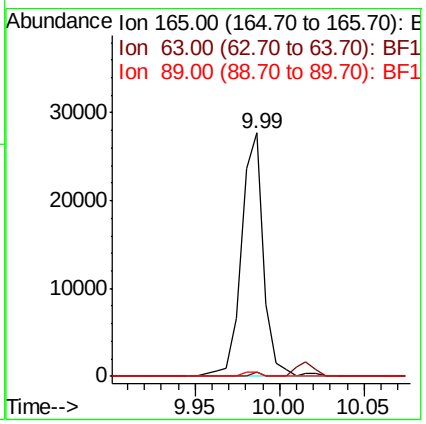


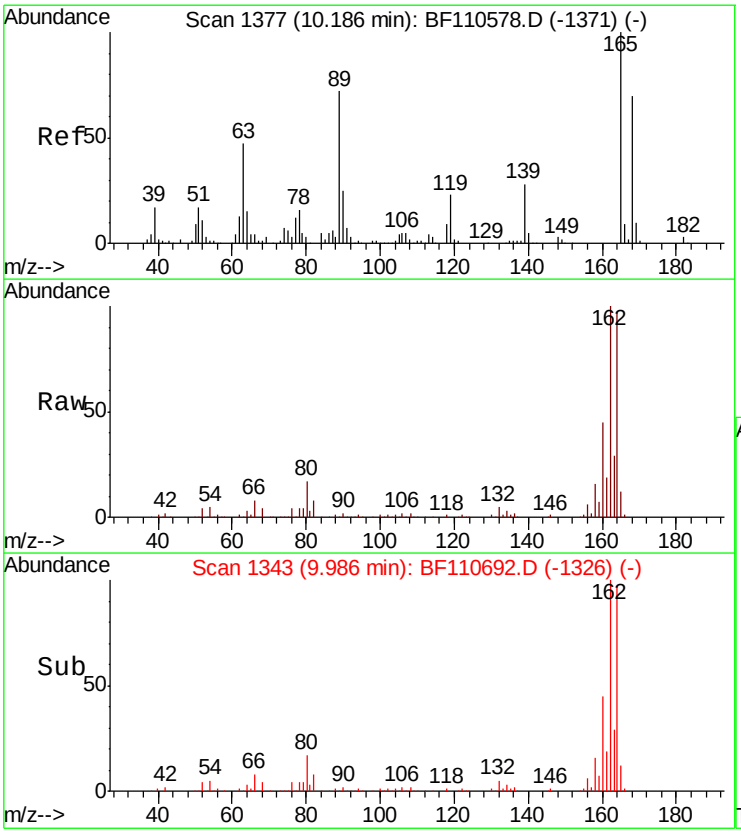
#51
2,6-Dinitrotoluene
Concen: 7.873 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion:165 Resp: 25061

Ion	Ratio	Lower	Upper
165	100		
63	1.5	48.9	73.3#
89	1.8	46.6	69.8#

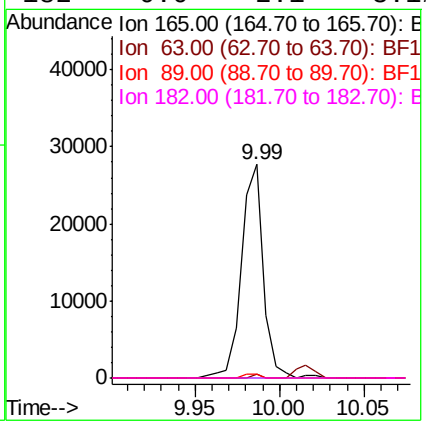


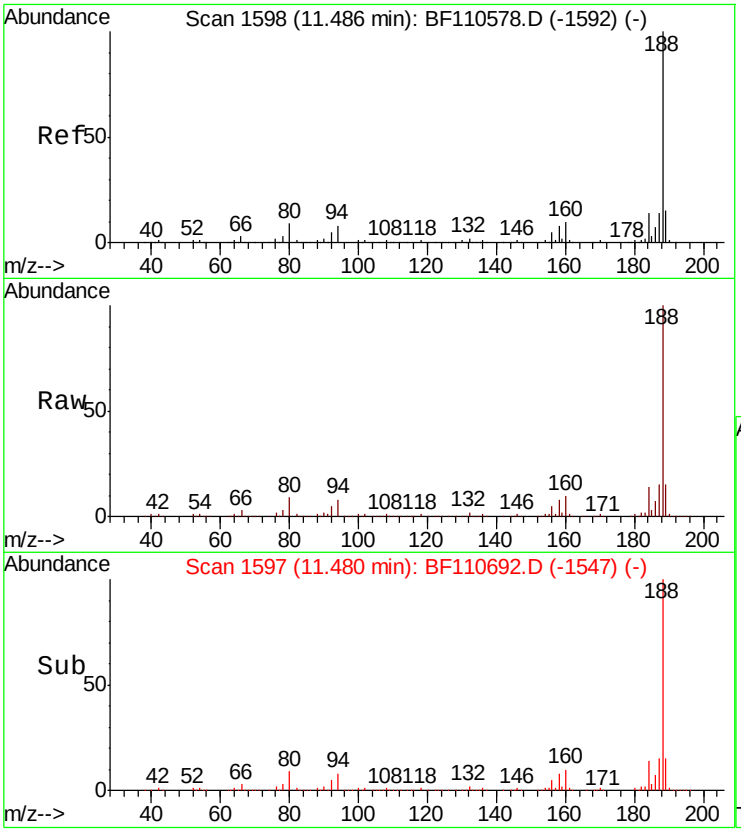


#57
2,4-Dinitrotoluene
Concen: 6.055 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion:165 Resp: 25061

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.8	62.2	93.4#
182	0.0	2.1	3.1#



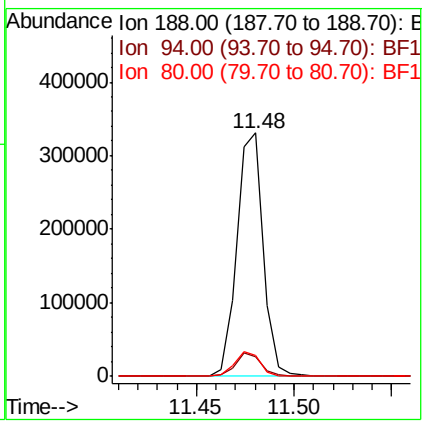


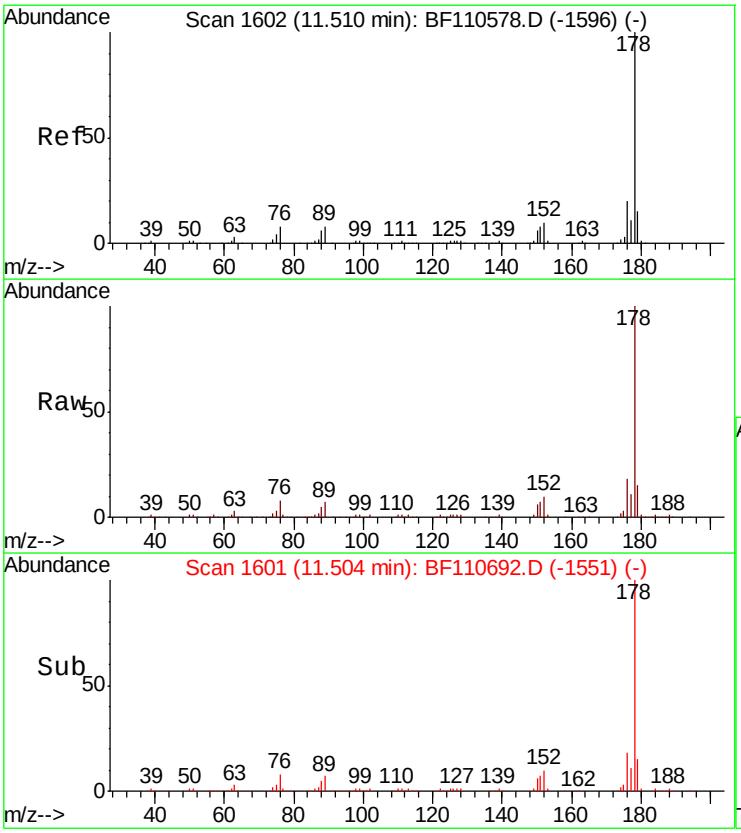
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion:188 Resp: 309144

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

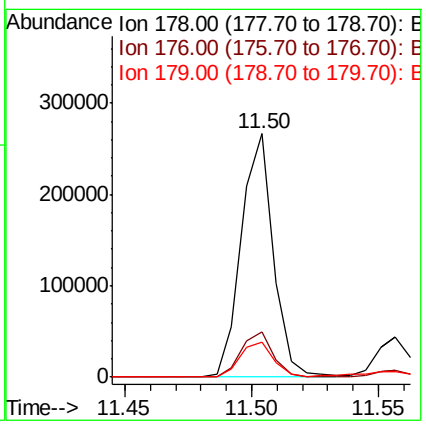


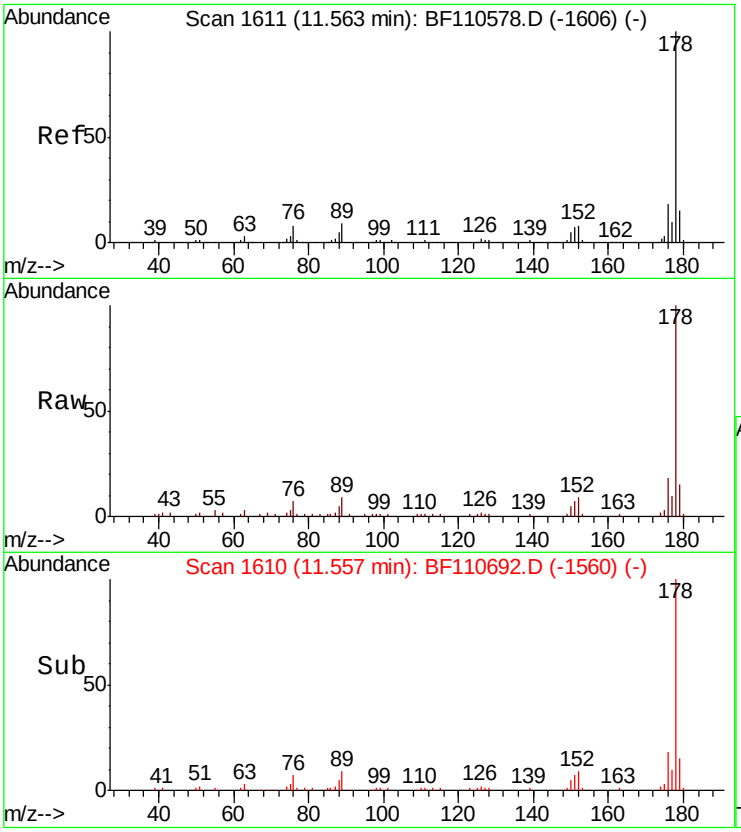


#71
Phenanthrene
Concen: 14.171 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion:178 Resp: 234709

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	14.6	12.5	18.7



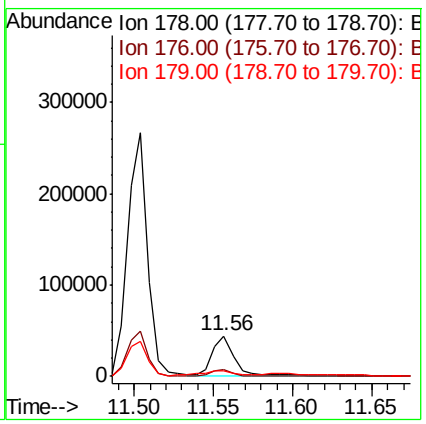


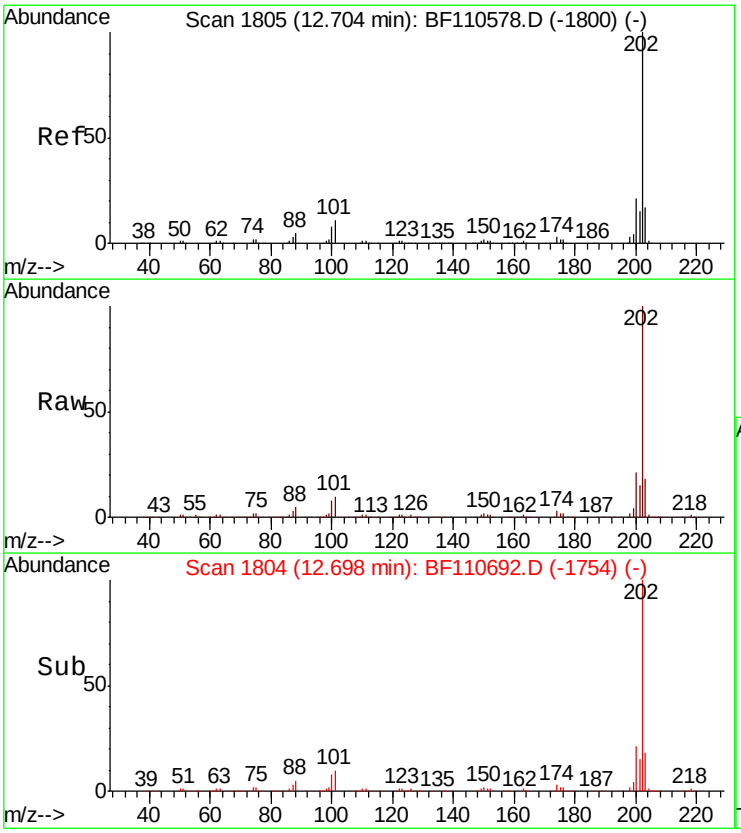
#72
Anthracene
Concen: 2.525 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion:178 Resp: 42186

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.3	12.6	18.8

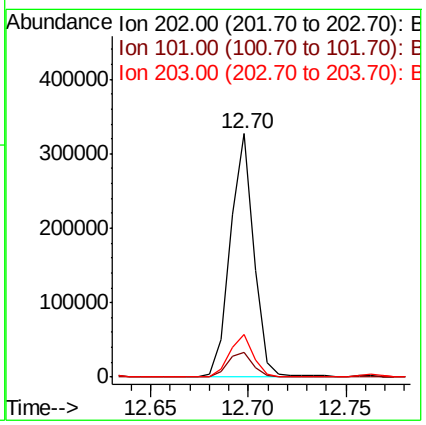


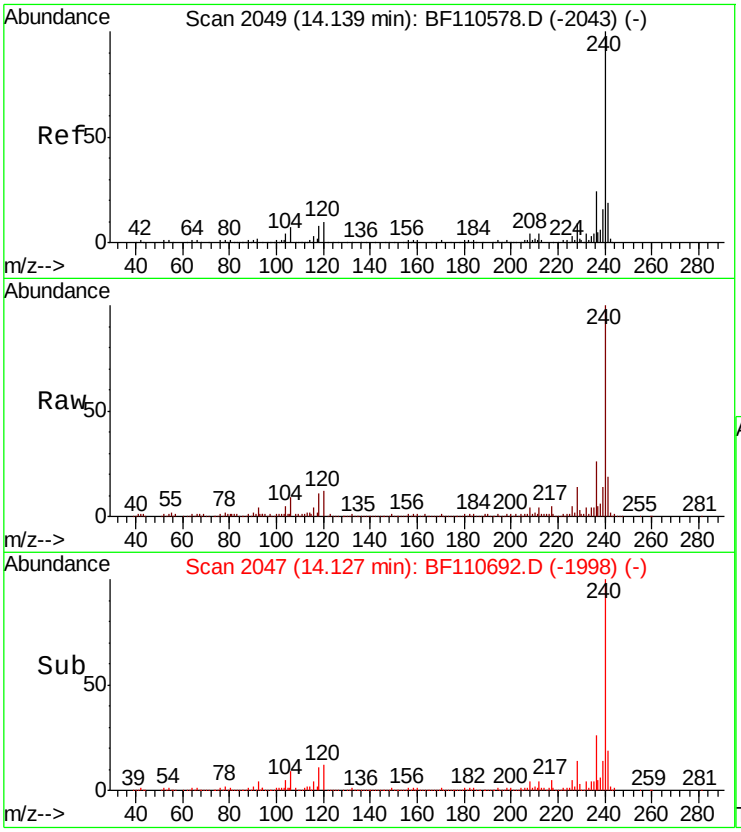


#75
Fluoranthene
Concen: 16.466 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion:202 Resp: 273410

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.4
203	17.7	0.0	37.7



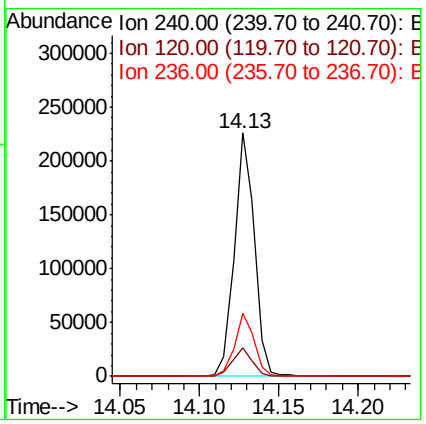


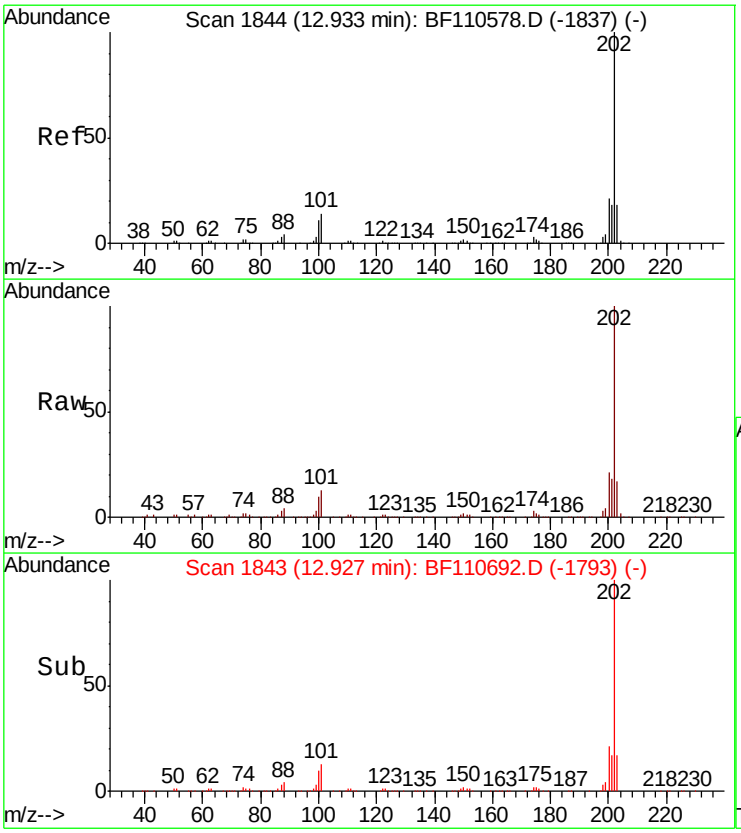
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion:240 Resp: 197488

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	26.0	21.2	31.8

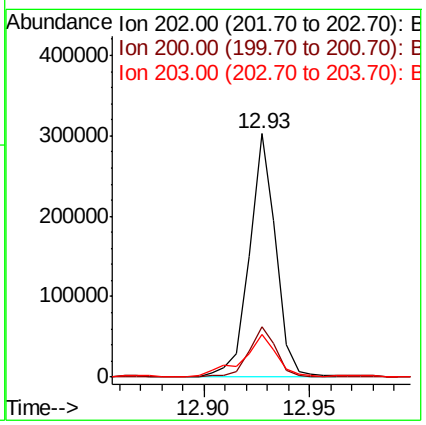


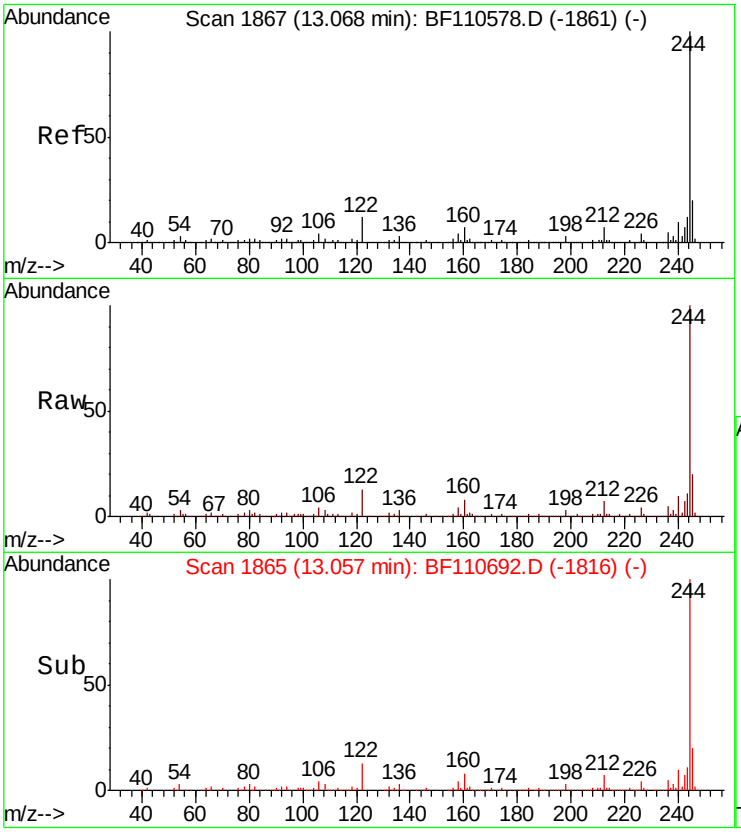


#78
Pyrene
Concen: 17.244 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion:202 Resp: 262217

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	17.3	14.2	21.4



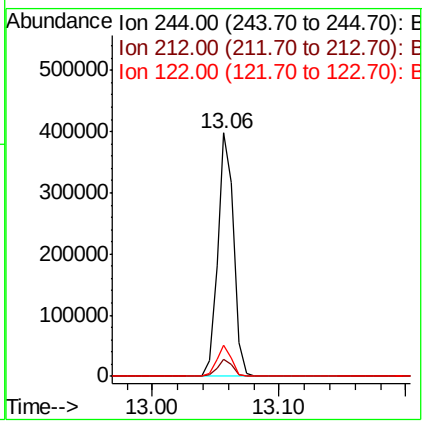


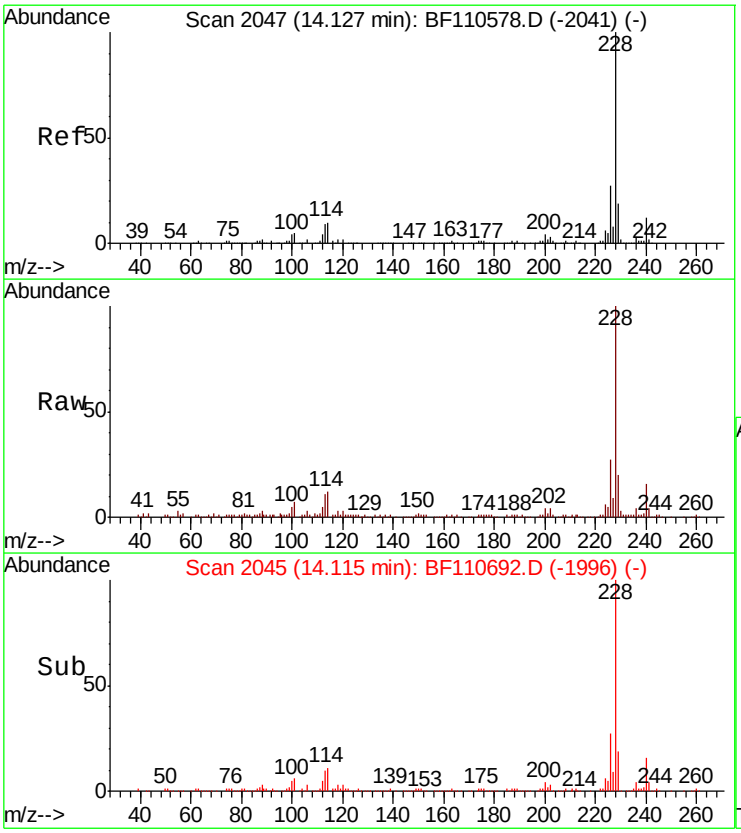
#79
Terphenyl-d14
Concen: 33.115 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion:244 Resp: 349208

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.6	8.7	13.1

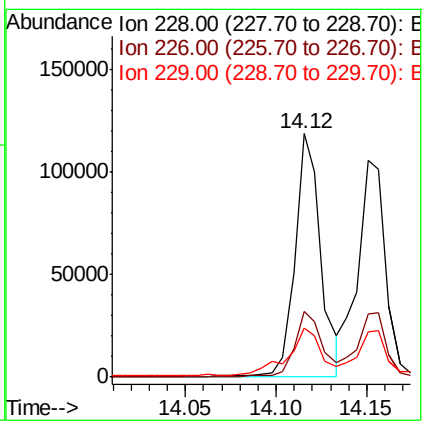


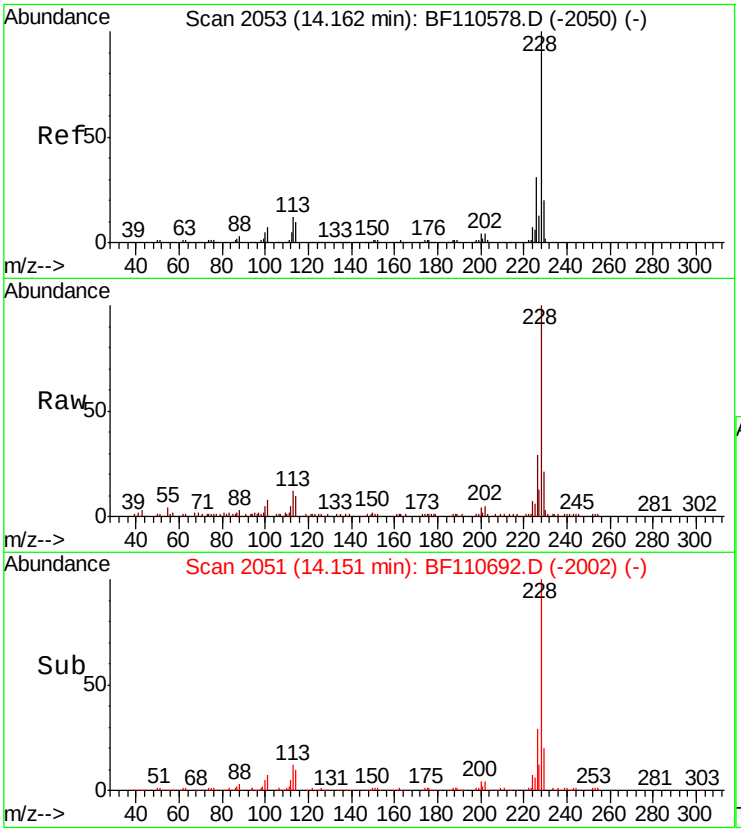


#81
Benzo(a)anthracene
Concen: 9.994 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion:228 Resp: 117965

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.1	33.1
229	20.2	15.6	23.4



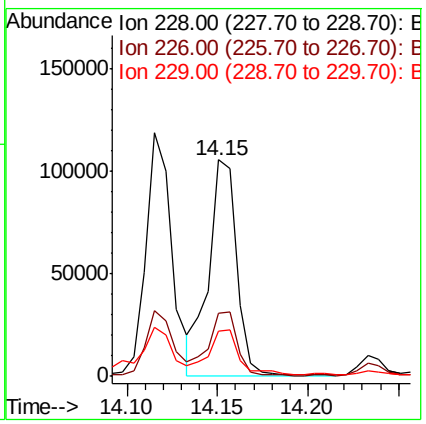


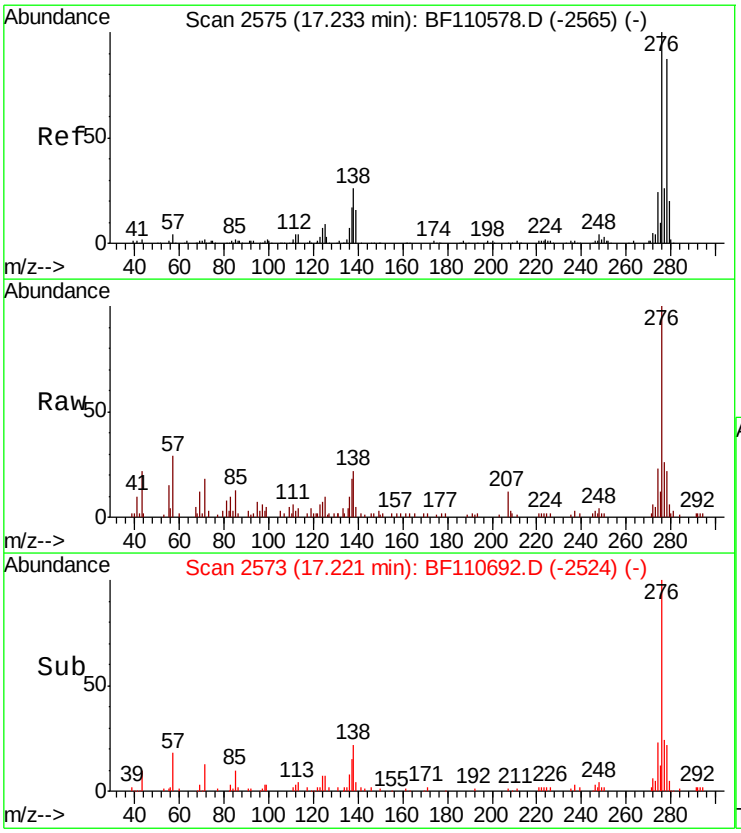
#83
Chrysene
Concen: 10.098 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion:228 Resp: 113564

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.7	37.1
229	21.0	15.9	23.9

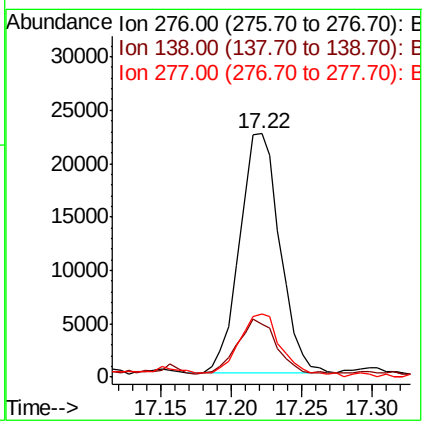


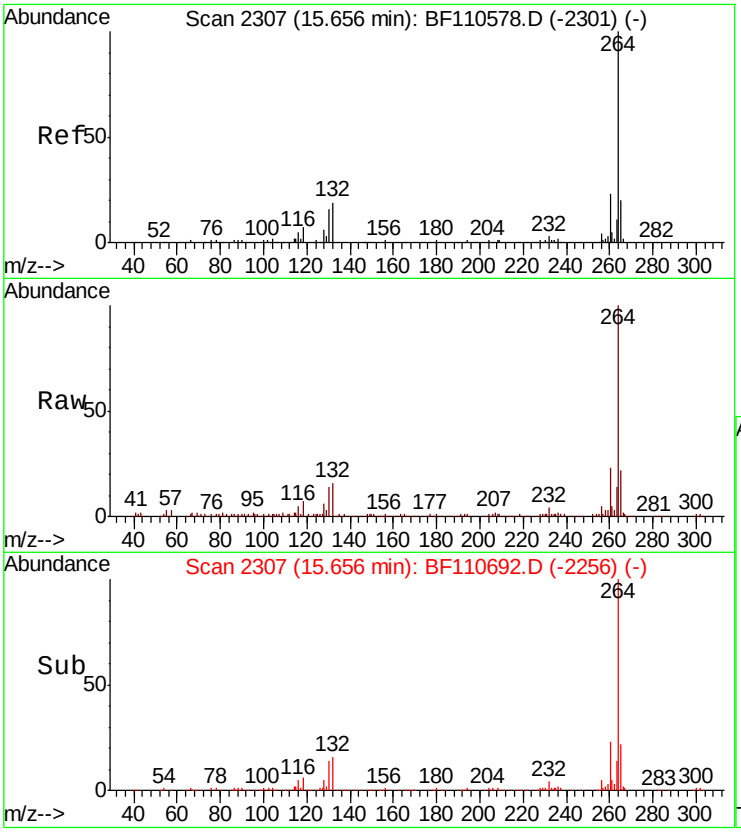


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.585 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion:276 Resp: 45071

Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.5	27.7
277	28.2	20.0	30.0



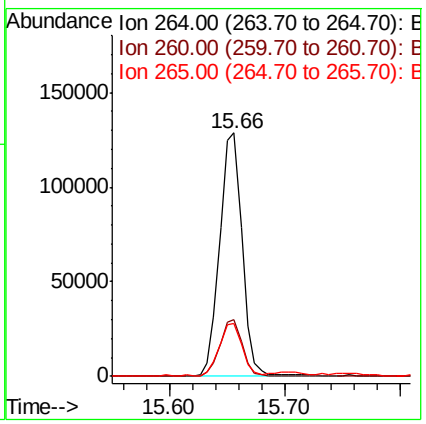


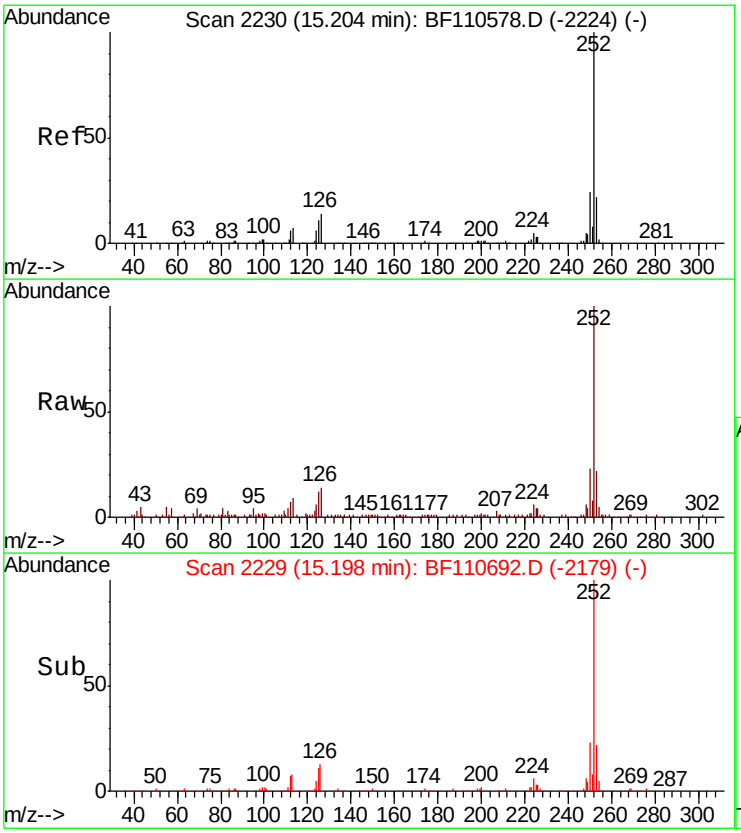
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion:264 Resp: 174750

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.9	16.7	25.1

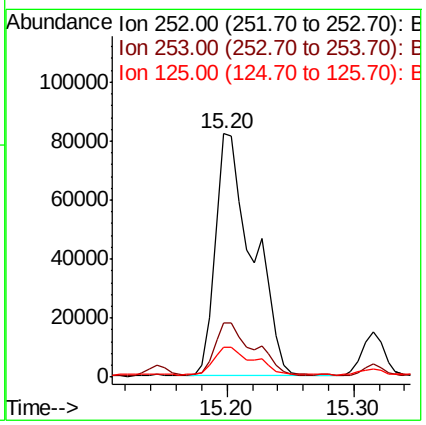


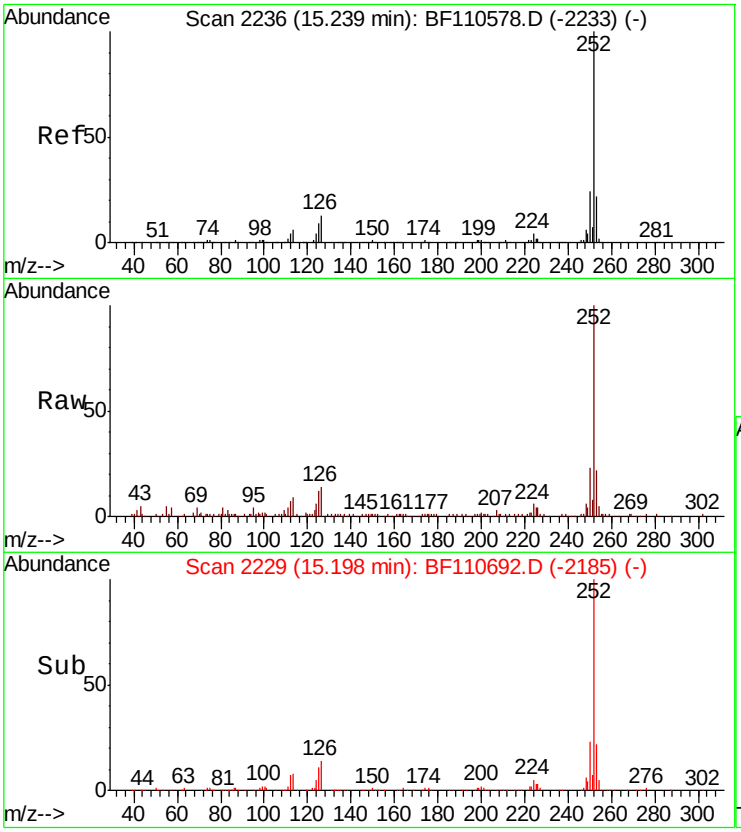


#88
Benzo(b)fluoranthene
Concen: 16.177 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion:252 Resp: 169115

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	12.2	8.2	12.4



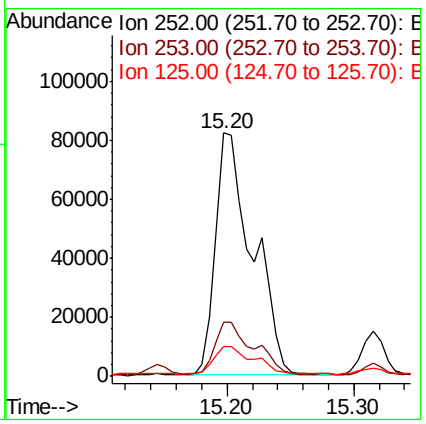


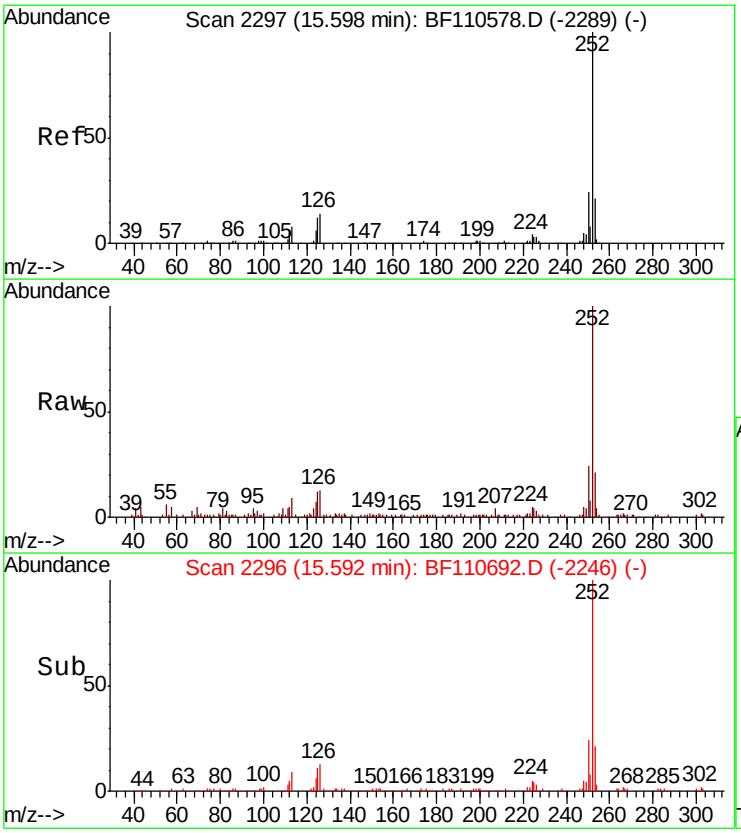
#89
Benzo(k)fluoranthene
Concen: 16.346 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.04 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion:252 Resp: 168853

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	12.2	7.4	11.0#

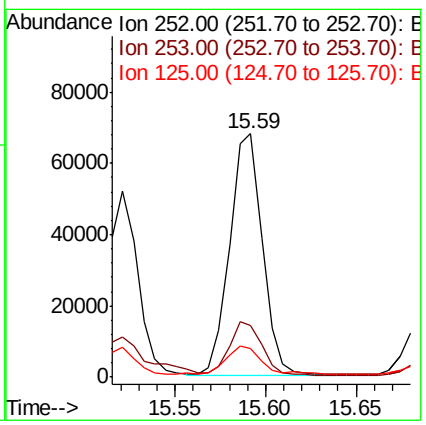


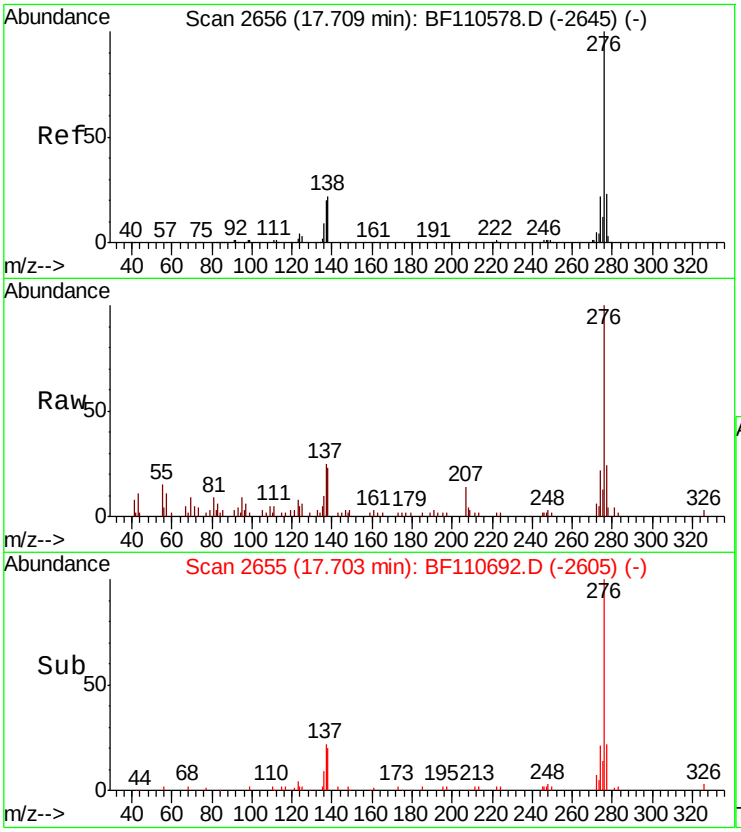


#90
Benzo(a)pyrene
Concen: 9.086 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Tgt Ion:252 Resp: 86304

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.4
125	11.8	9.0	13.6





#92
Benzo(g,h,i)perylene
Concen: 5.478 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BF110692.D
Acq: 12 Nov 2018 23:22

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion:276 Resp: 43686

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	23.1	16.0	24.0