Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF110998.D
Acq On : 27 Nov 2018 9:58
Operator : JU/SJ
Sample : J5770-07RE 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 27 10:33:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 06:43:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	58051	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	229748	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	91910	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	137802	20.00	ng		0.00
76) Chrysene-d12	14.13	240	132441	20.00	ng		0.00
87) Perylene-d12	15.67	264	128357	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	165485	47.27	ng		0.00
7) Phenol-d6	6.57	99	206806	45.33	ng		0.00
23) Nitrobenzene-d5	7.50	82	128420	31.99	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	32843	35.98	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	214417	33.80	ng		0.00
79) Terphenyl-d14	13.06	244	156492	23.00	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	254	Below Cal		#	1
10) Phenol	6.58	94	11164	2.173	ng		95
19) n-Nitroso-di-n-propylamine	7.50	70	17938	6.036	ng	#	85
25) Isophorone	7.50	82	128420	19.502	ng	#	67
50) Dimethylphthalate	9.69	163	28794	4.272	ng		100
51) 2,6-Dinitrotoluene	9.98	165	12450	8.297	ng	#	21
52) Acenaphthene	10.01	154	25404	4.536	ng		96
55) Dibenzofuran	10.19	168	23322	2.854	ng	#	96
56) 4-Nitrophenol	10.19	139	10074	14.050	ng	#	7
58) Fluorene	10.53	166	38768	6.098	ng		97
71) Phenanthrene	11.50	178	259356	35.536	ng		98
72) Anthracene	11.56	178	71527	9.623	ng		98
73) Carbazole	11.72	167	14896	2.065	ng	#	94
75) Fluoranthene	12.70	202	234725	31.292	ng		99
78) Pyrene	12.93	202	218271	22.565	ng		98
81) Benzo(a)anthracene	14.12	228	101224	12.946	ng		99
83) Chrysene	14.16	228	91474	11.884	ng		98
86) Indeno(1,2,3-cd)pyrene	17.27	276	35644	6.451	ng		94
88) Benzo(b)fluoranthene	15.22	252	131314	17.415	ng	#	96
89) Benzo(k)fluoranthene	15.22	252	131314	16.919	ng	#	96
90) Benzo(a)pyrene	15.61	252	76679	10.925	ng	#	97
92) Benzo(g,h,i)perylene	17.76	276	33362	5.975	ng		97

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

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Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Nov 27 10:33:50 2018
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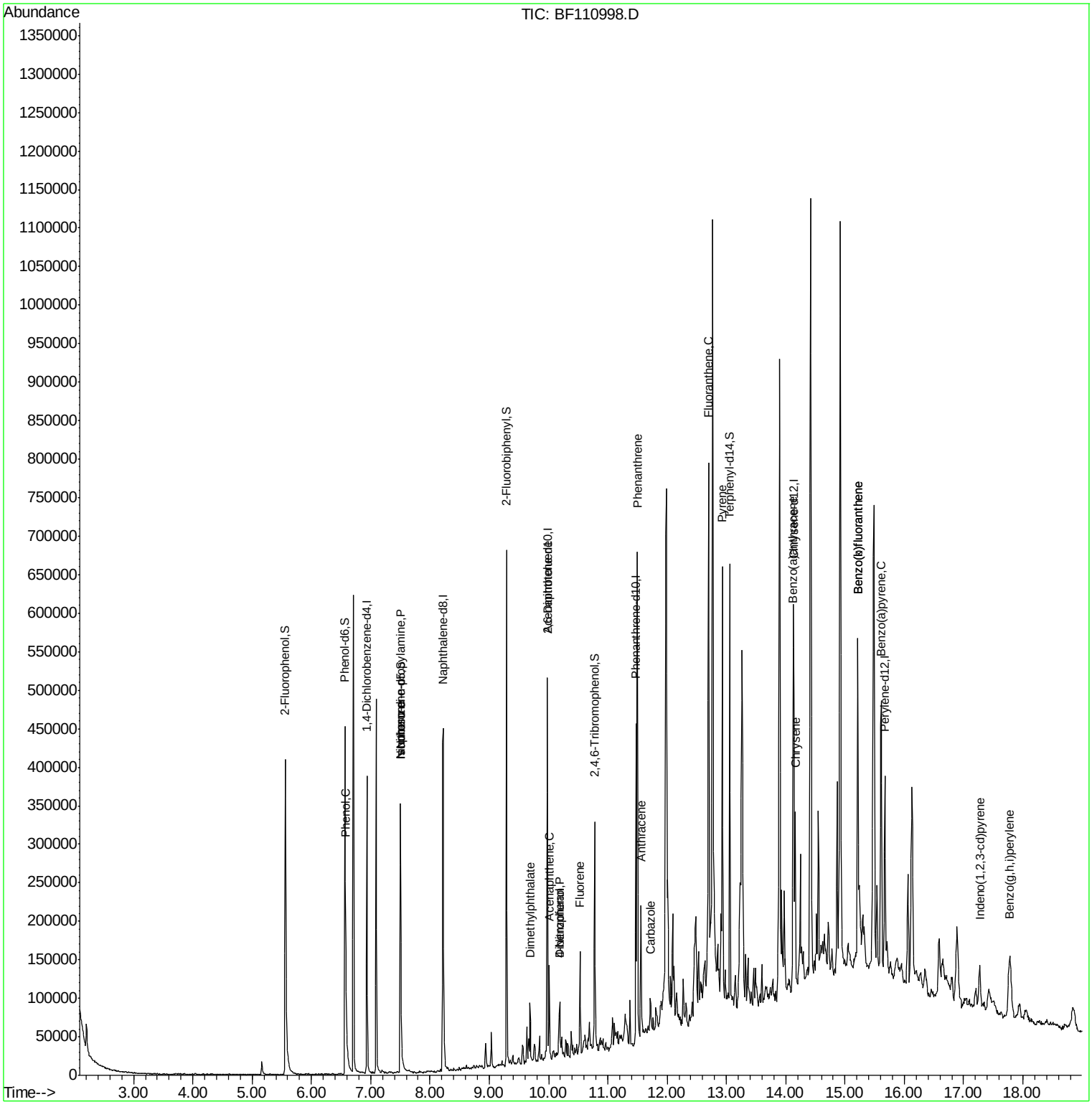
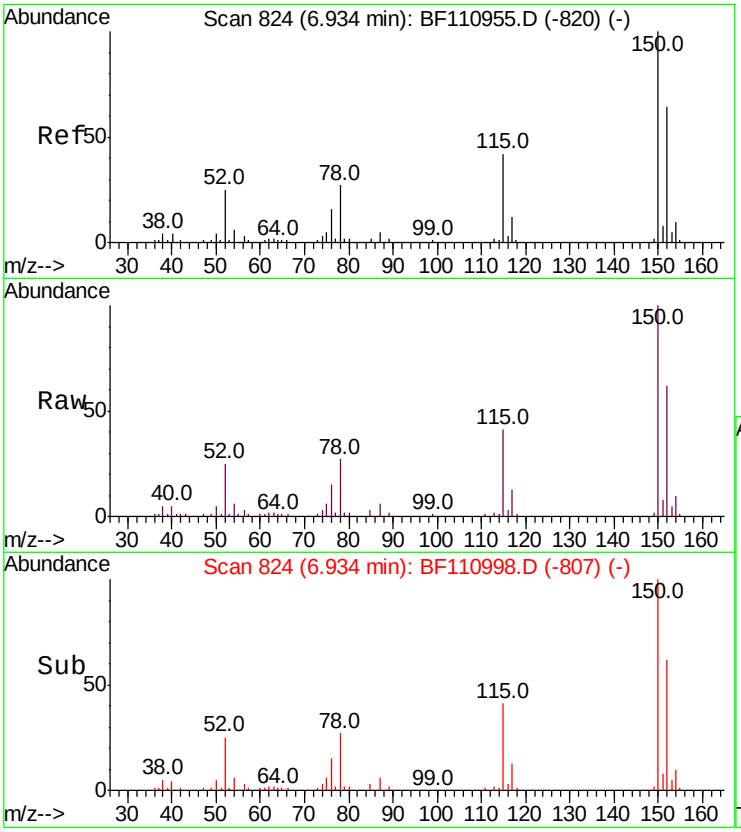
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 06:43:50 2018
Response via : Initial Calibration



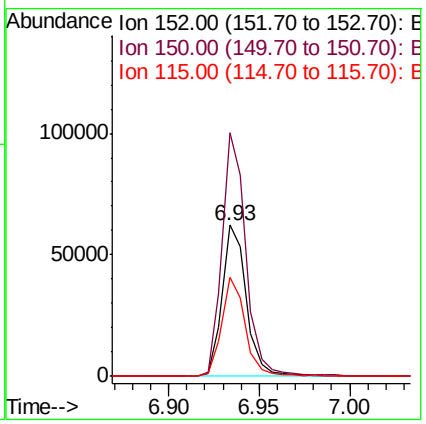


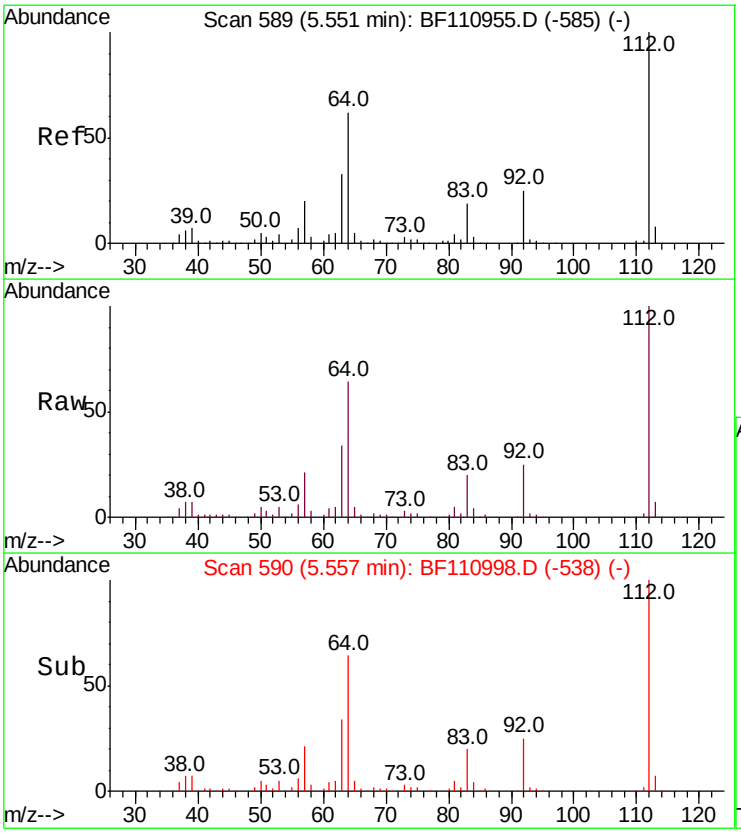
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 58051

Ion	Ratio	Lower	Upper
152	100		
150	161.1	122.7	184.1
115	65.3	49.1	73.7

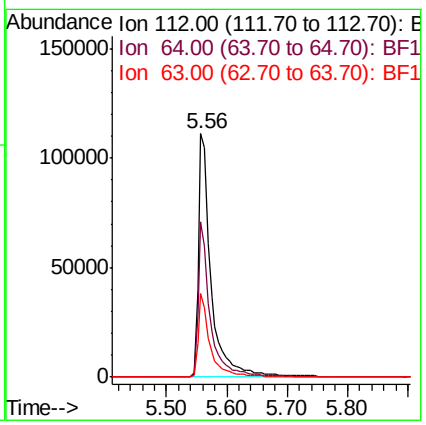


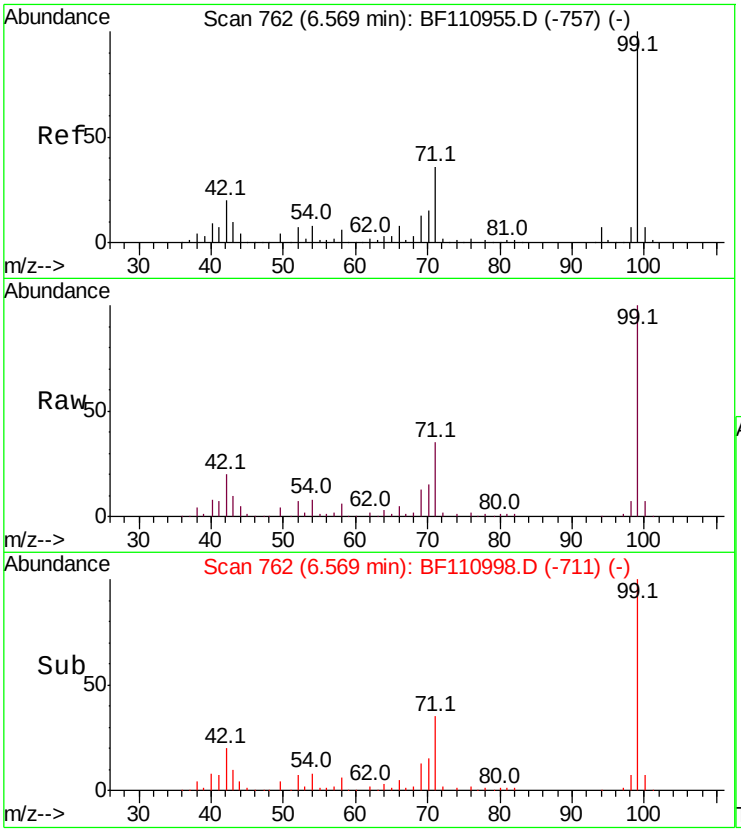


#5
2-Fluorophenol
Concen: 47.273 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Tgt Ion:112 Resp: 165485

Ion	Ratio	Lower	Upper
112	100		
64	63.6	44.1	66.1
63	34.2	23.7	35.5



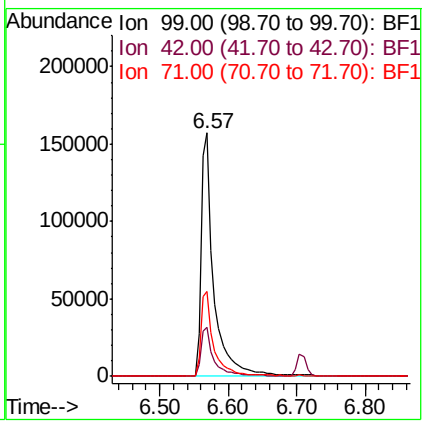


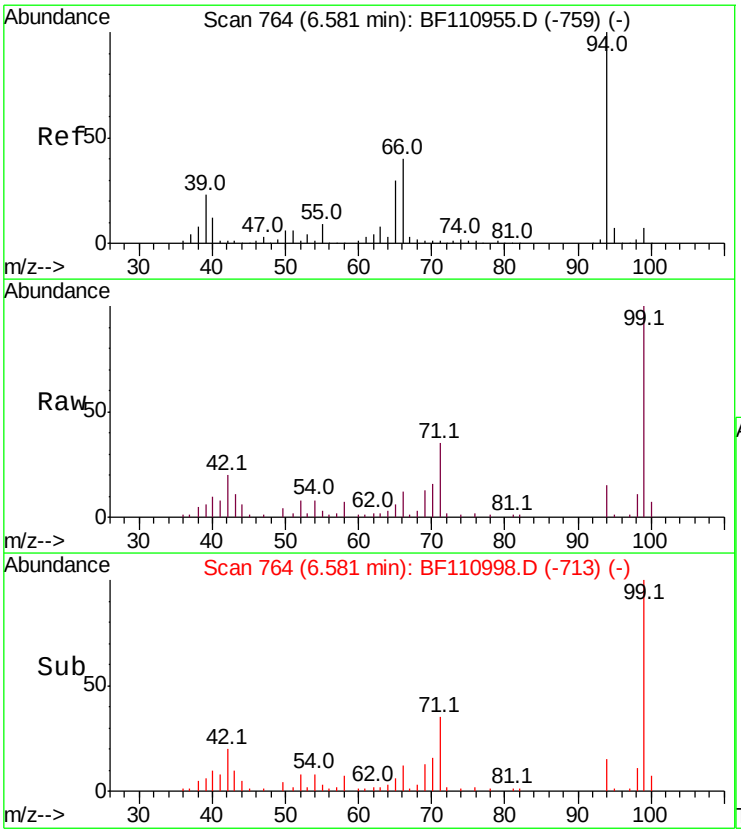
#7
Phenol-d6
Concen: 45.334 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 206806

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.8	23.6
71	35.0	28.0	42.0

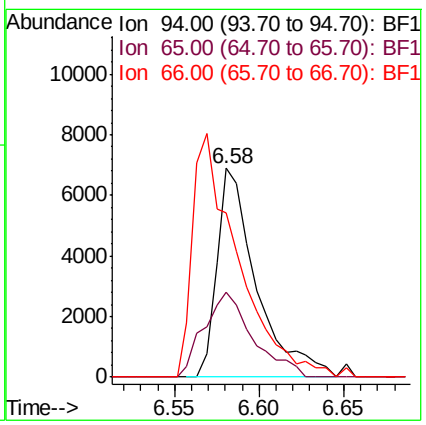


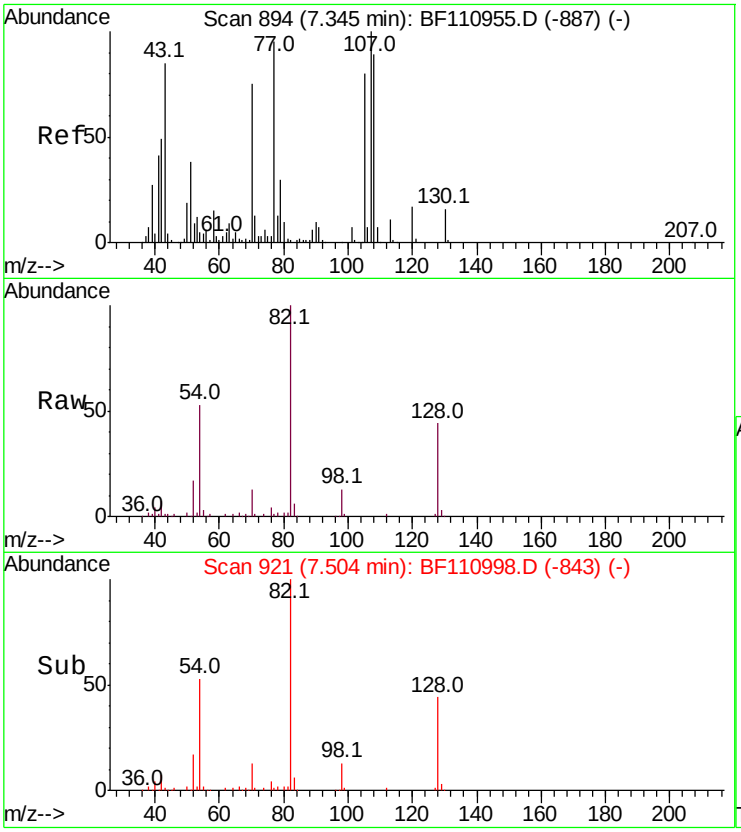


#10
Phenol
Concen: 2.173 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Tgt Ion: 94 Resp: 11164

Ion	Ratio	Lower	Upper
94	100		
65	40.9	25.3	65.3
66	78.3	54.5	94.5



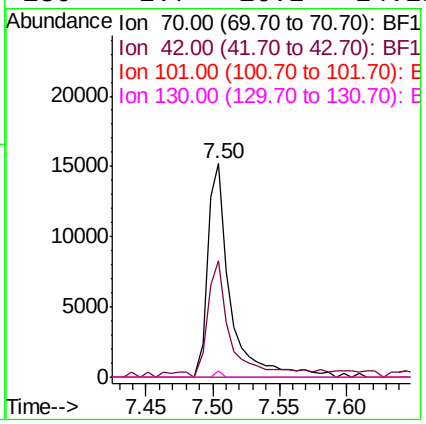


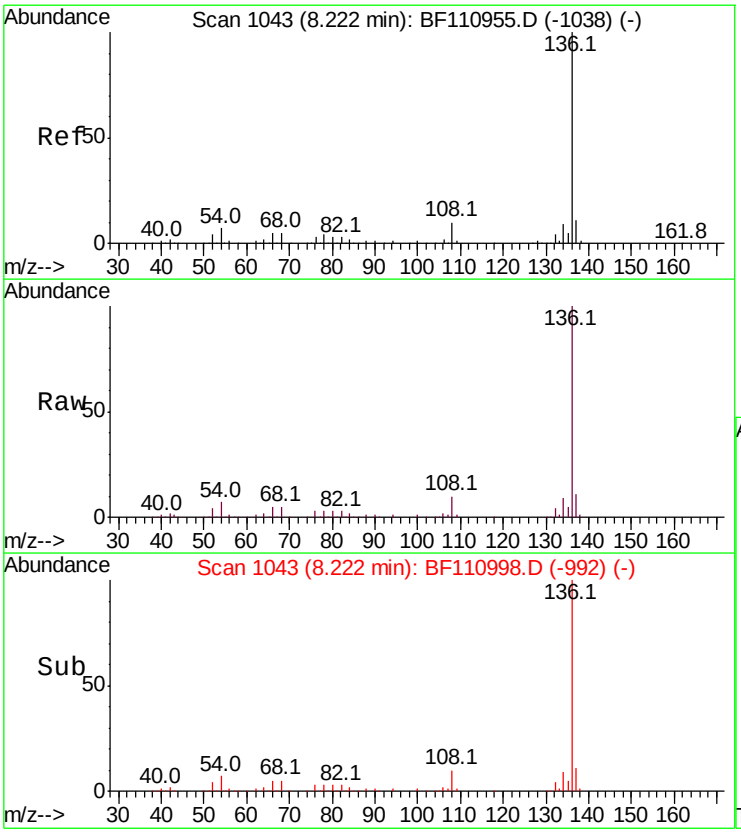
#19
n-Nitroso-di-n-propylamine
Concen: 6.036 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.16 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 17938

Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.4	71.2
101	0.0	7.3	10.9#
130	2.7	16.2	24.2#

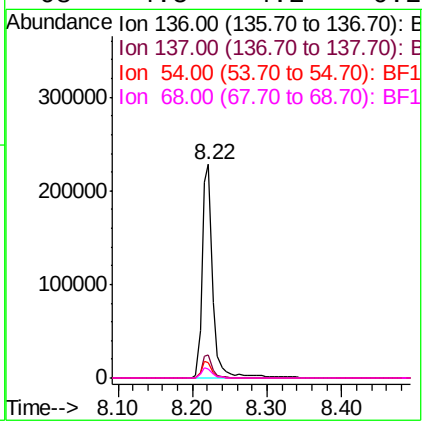


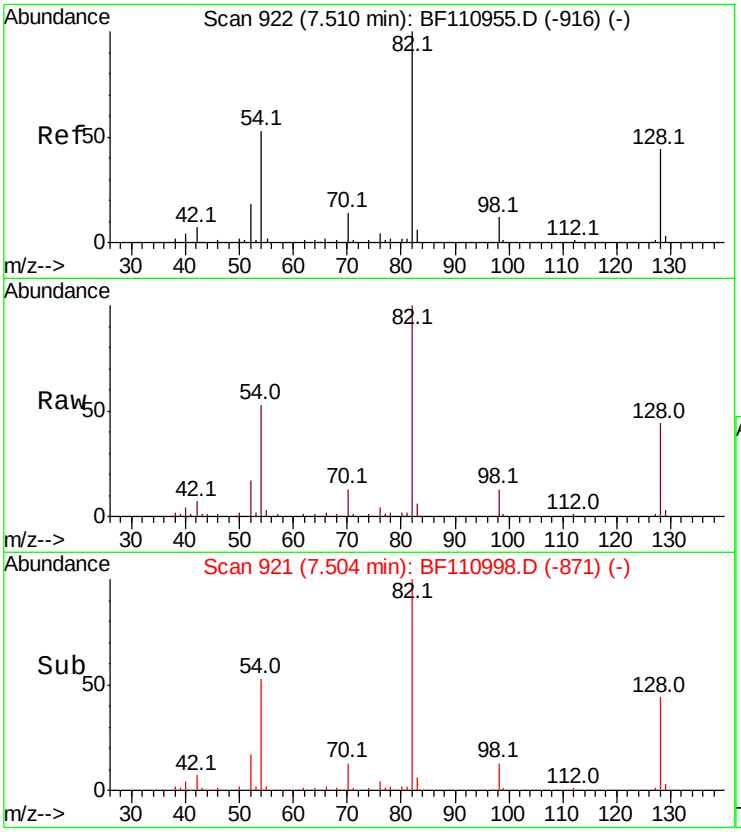


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Tgt Ion:136 Resp: 229748

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.1	5.4	8.2
68	4.5	4.2	6.2



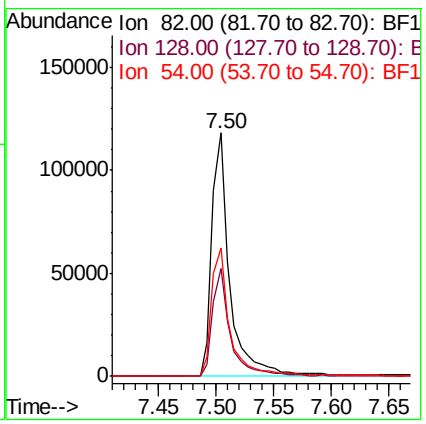


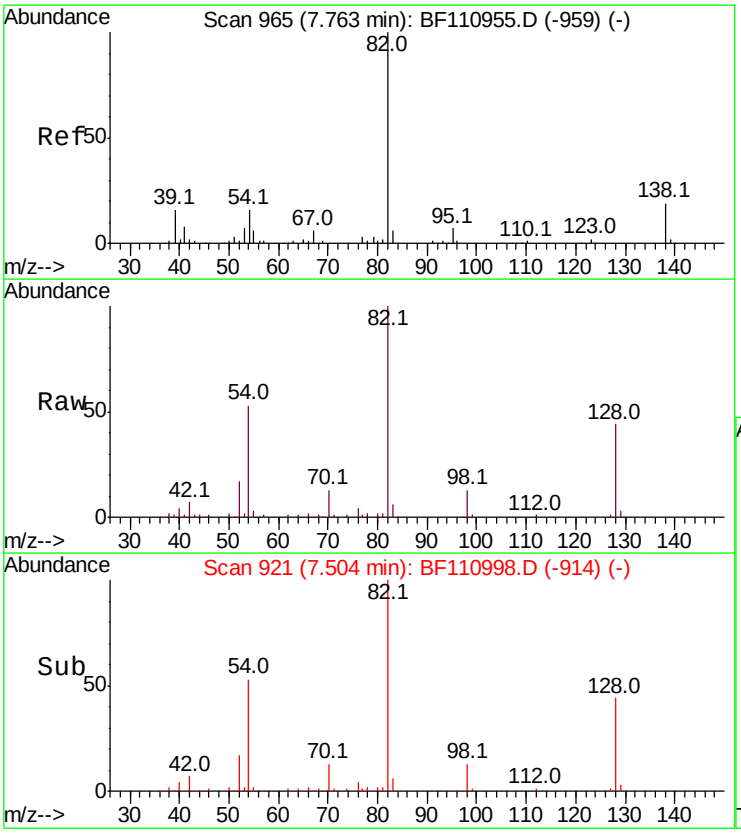
#23
Nitrobenzene-d5
Concen: 31.990 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 128420

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	52.7	38.6	58.0

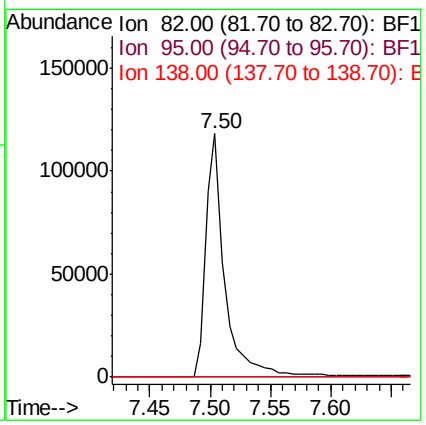


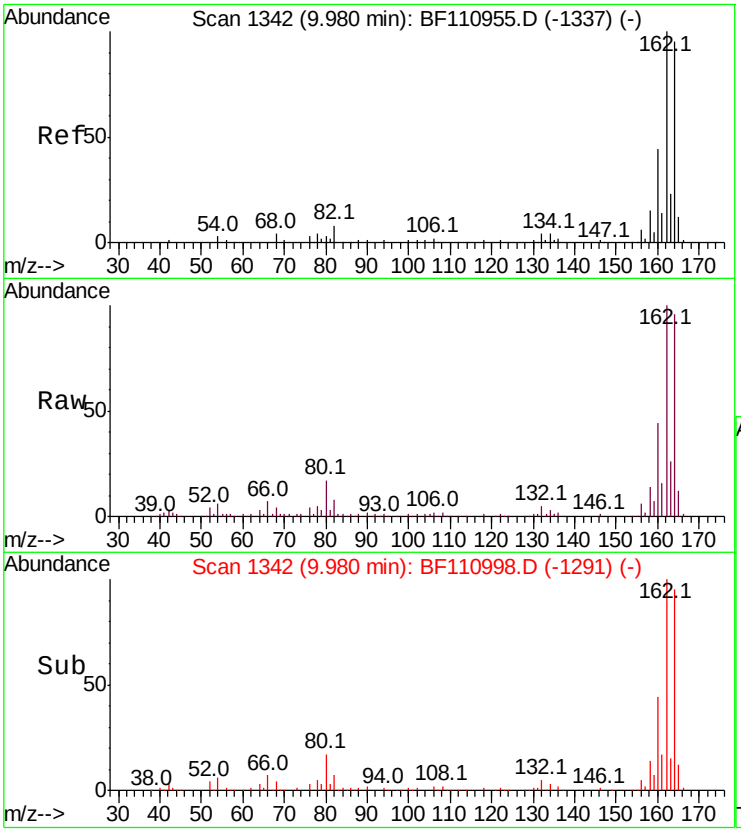


#25
Isophorone
Concen: 19.502 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Tgt Ion: 82 Resp: 128420

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



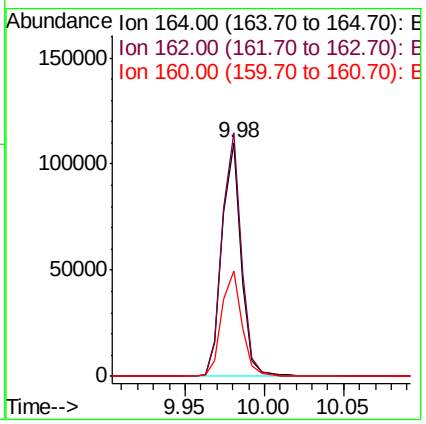


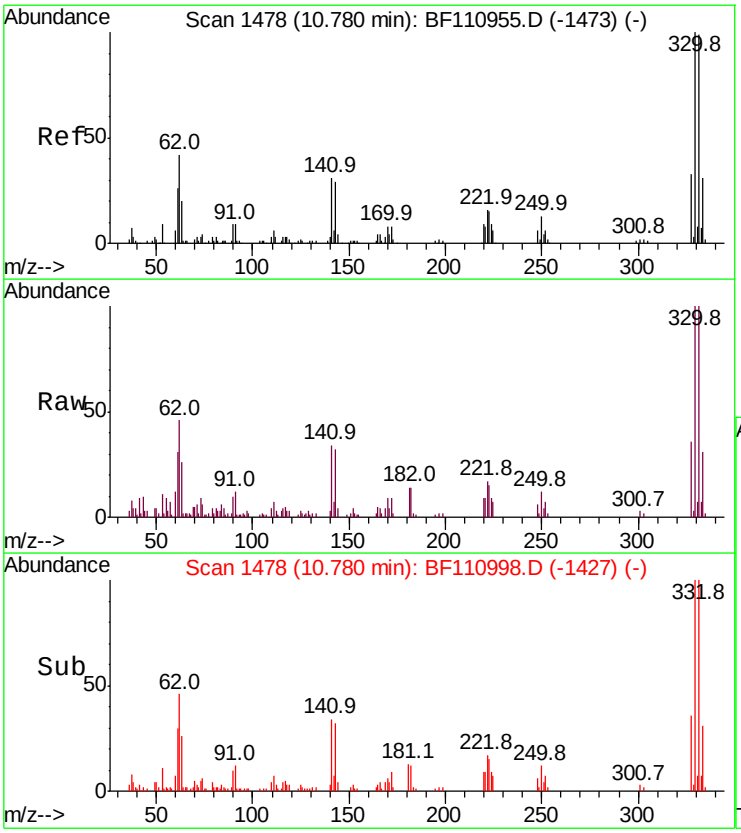
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 91910

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.6
160	45.4	37.0	55.6

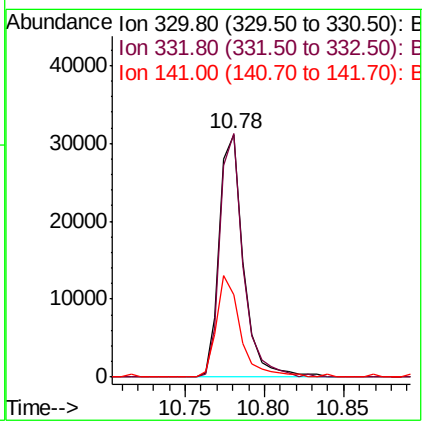


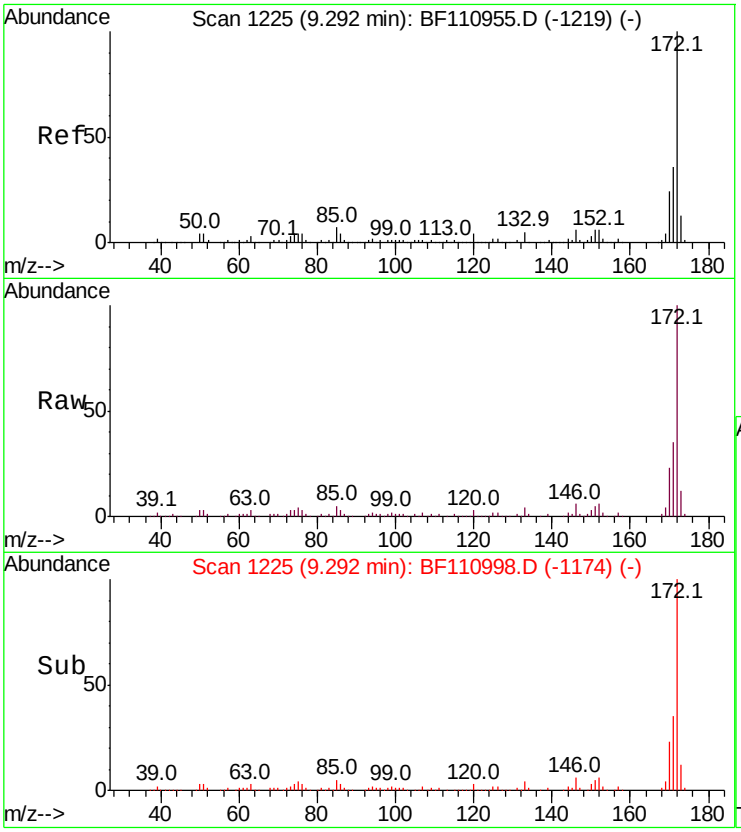


#42
2,4,6-Tribromophenol
Concen: 35.981 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Tgt Ion:330 Resp: 32843

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	41.8	27.0	40.4#



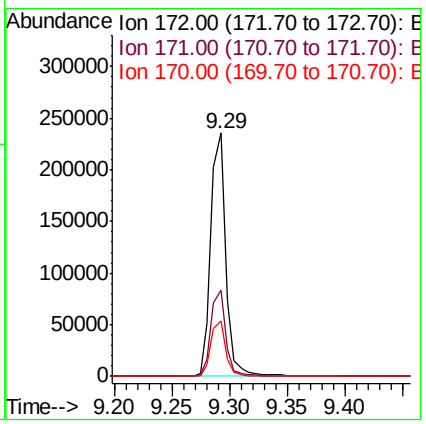


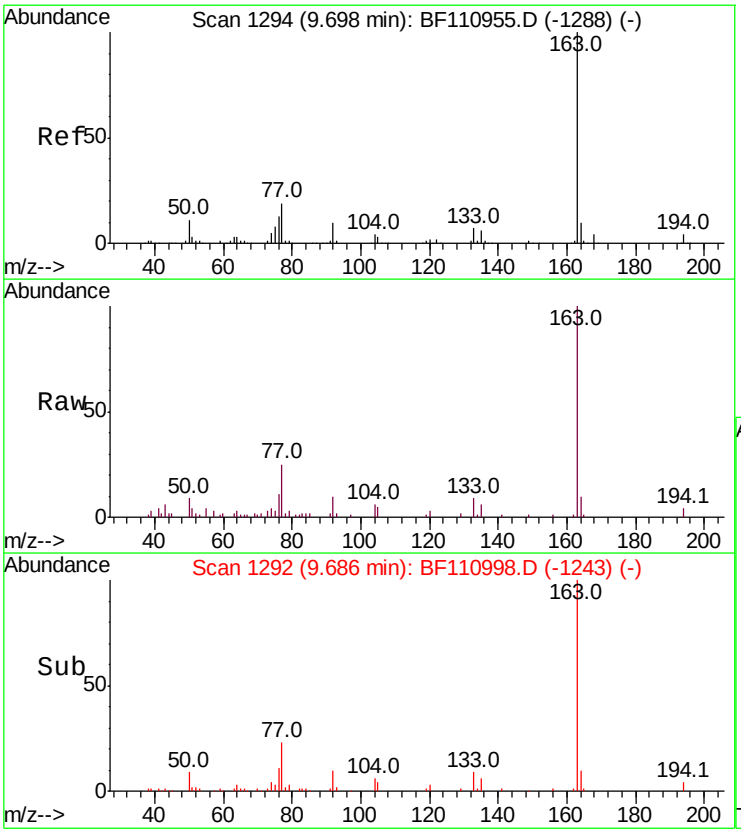
#45
2-Fluorobiphenyl
Concen: 33.798 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 214417

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.0	19.7	29.5

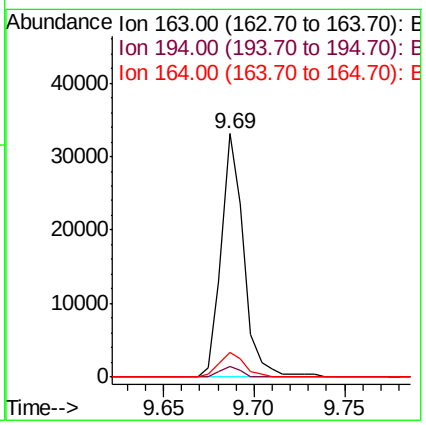


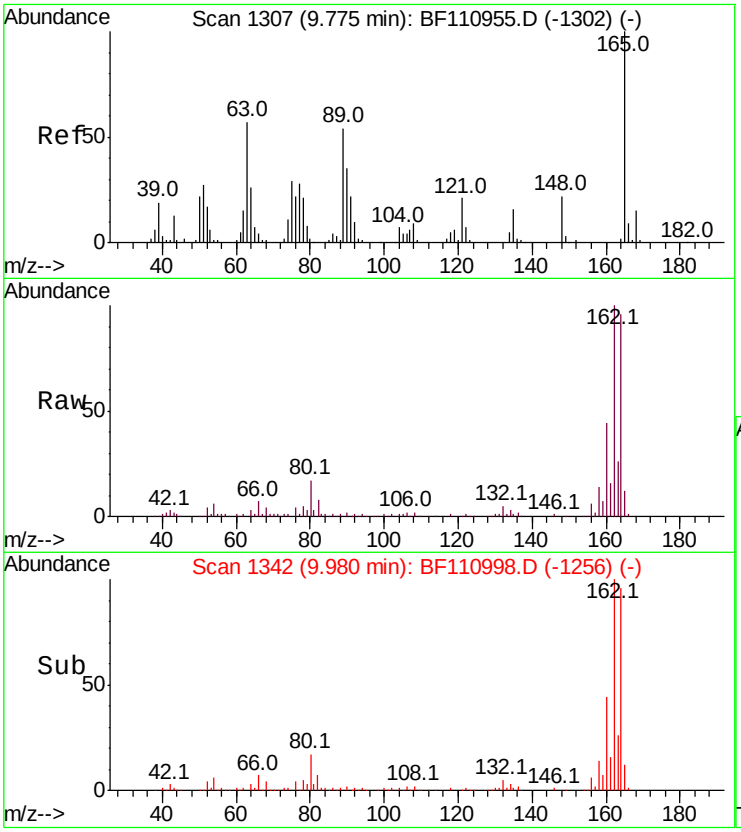


#50
Dimethylphthalate
Concen: 4.272 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Tgt Ion:163 Resp: 28794

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



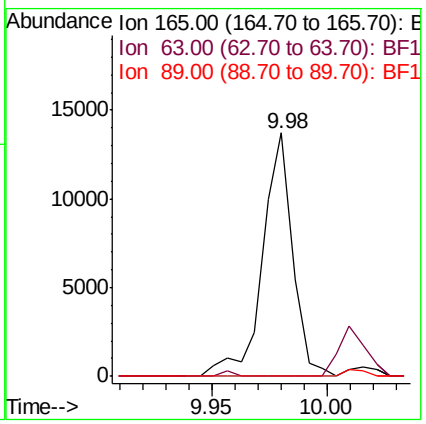


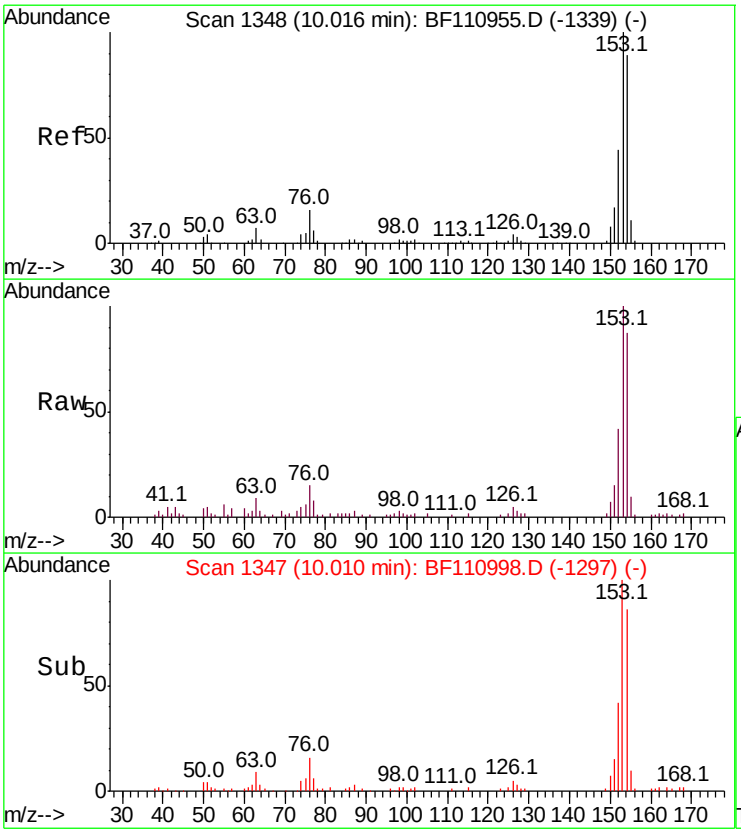
#51
2,6-Dinitrotoluene
Concen: 8.297 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12450

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

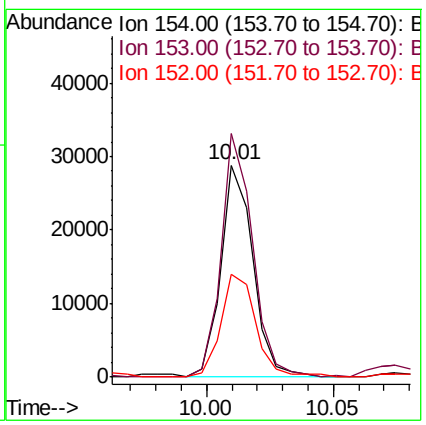


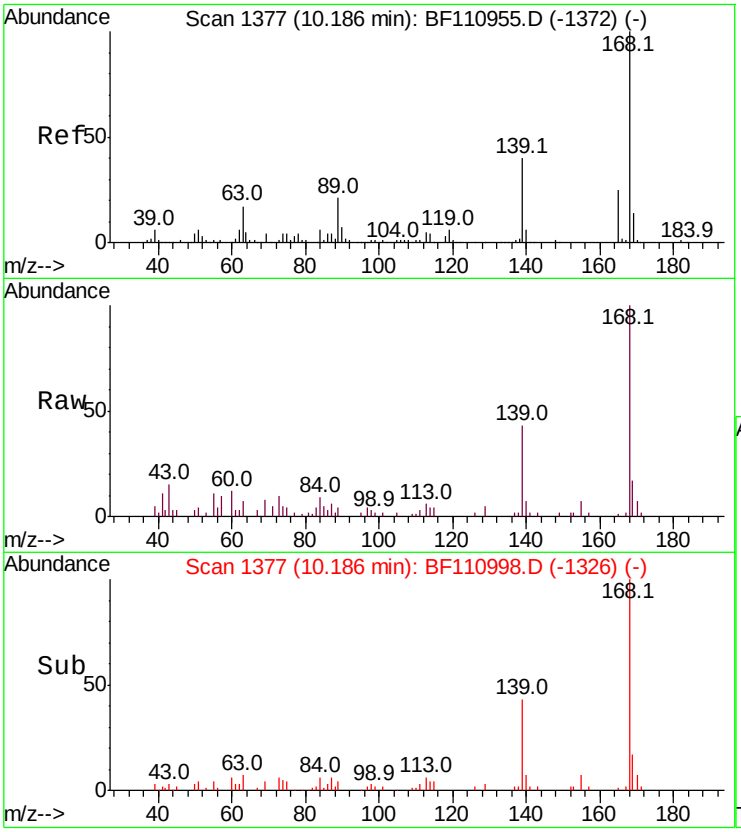


#52
Acenaphthene
Concen: 4.536 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Tgt Ion:154 Resp: 25404

Ion	Ratio	Lower	Upper
154	100		
153	114.7	90.1	135.1
152	48.6	43.4	65.2



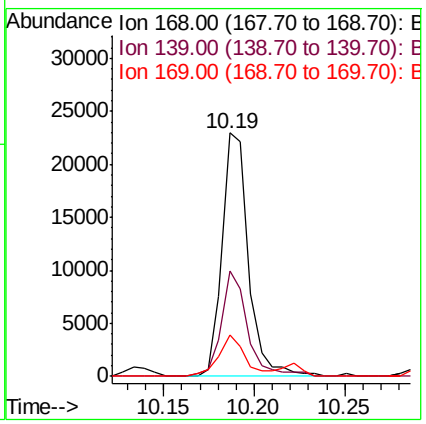


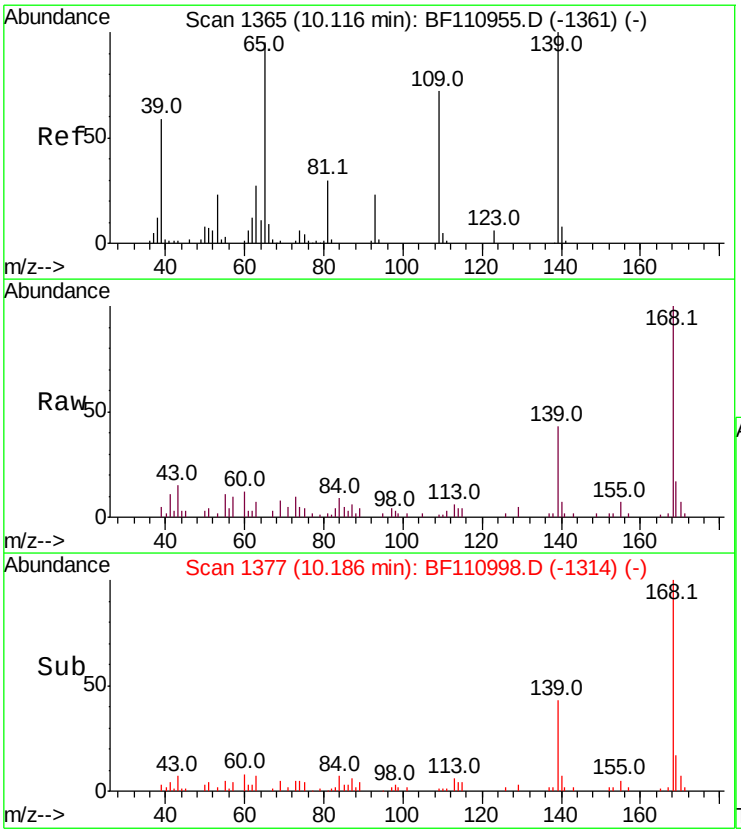
#55
Dibenzofuran
Concen: 2.854 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 23322

Ion	Ratio	Lower	Upper
168	100		
139	43.2	33.0	49.6
169	17.0	11.3	16.9#

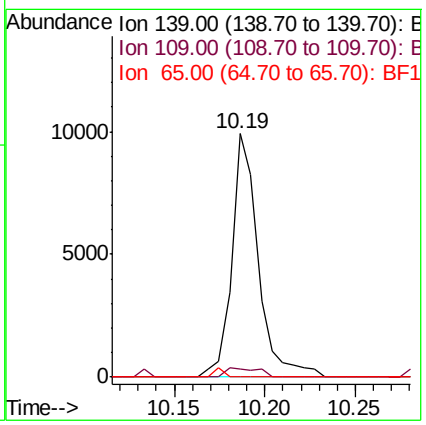


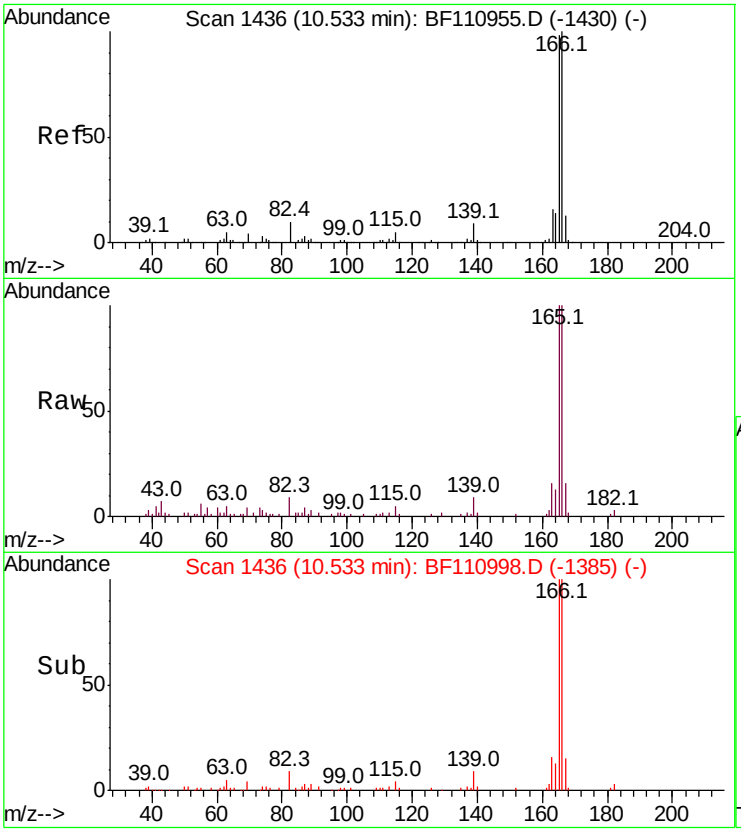


#56
4-Nitrophenol
Concen: 14.050 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.07 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Tgt Ion:139 Resp: 10074

Ion	Ratio	Lower	Upper
139	100		
109	3.4	55.8	95.8#
65	0.0	77.9	117.9#



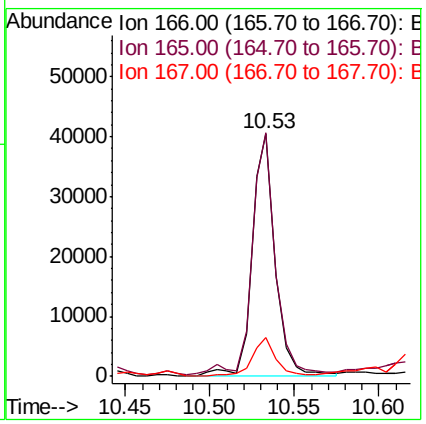


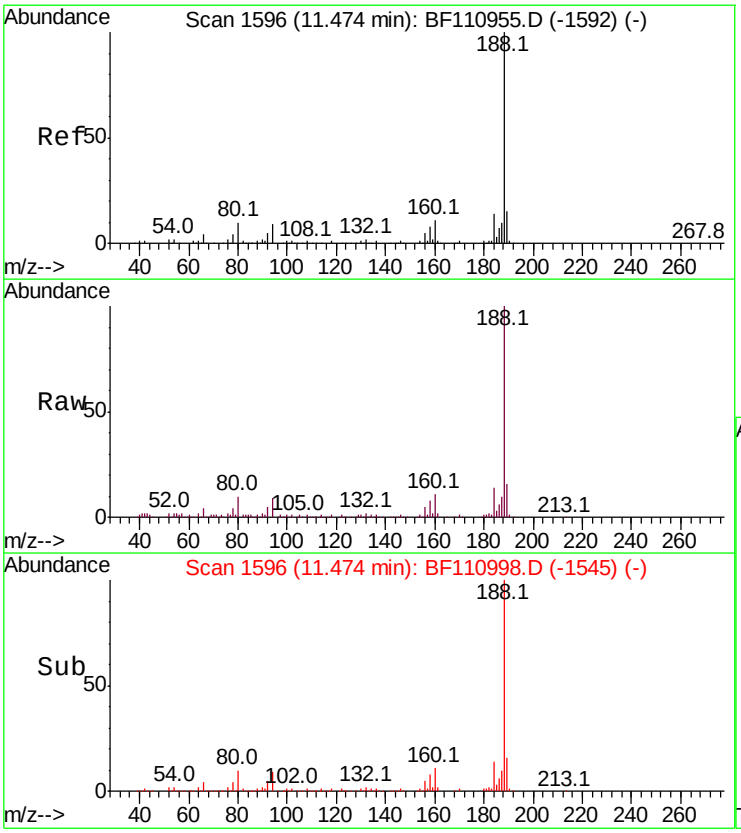
#58
Fluorene
Concen: 6.098 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 38768

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.6	117.8
167	16.0	10.8	16.2

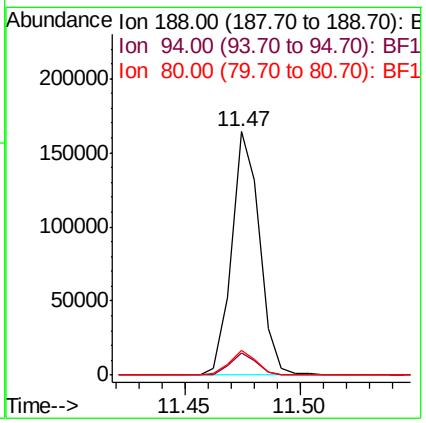


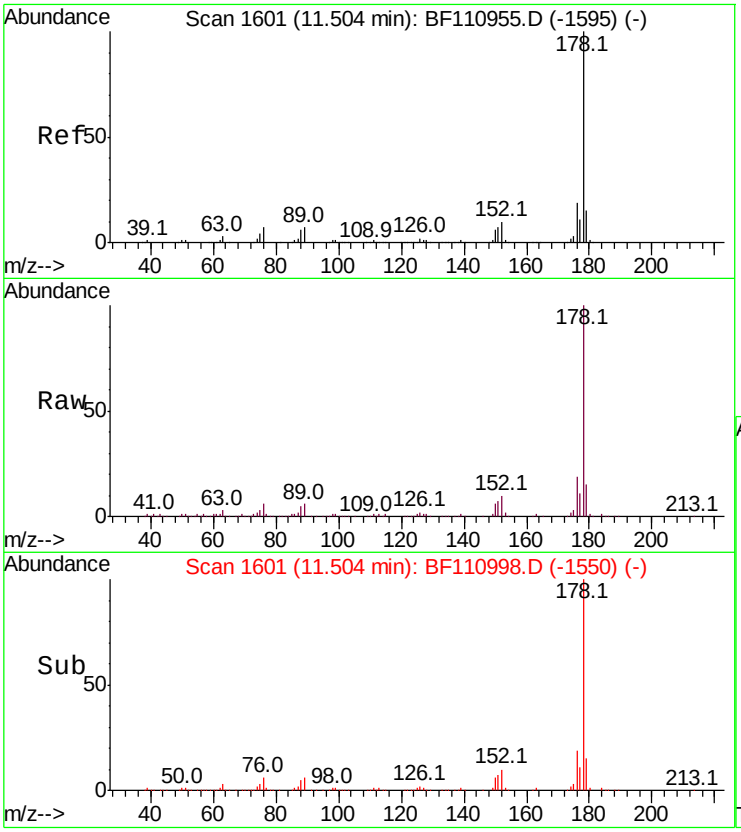


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Tgt Ion:188 Resp: 137802

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.0	7.9	11.9



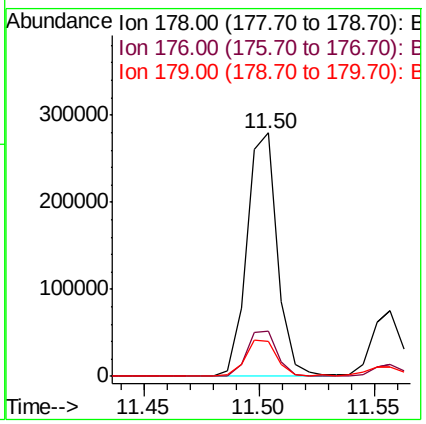


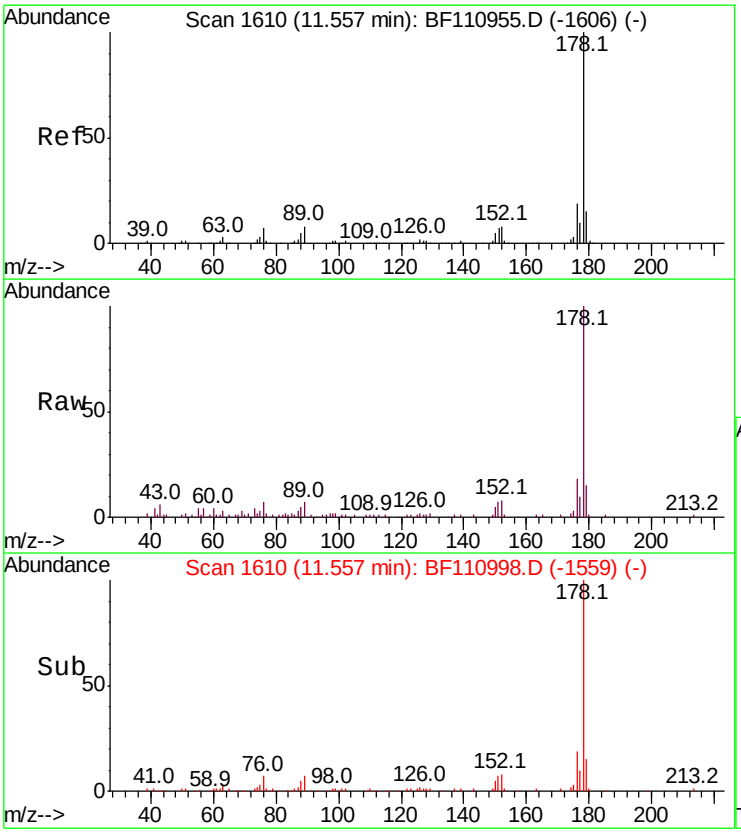
#71
Phenanthrene
Concen: 35.536 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 259356

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	14.6	12.5	18.7

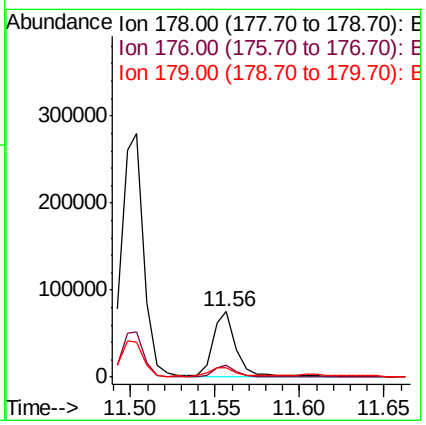


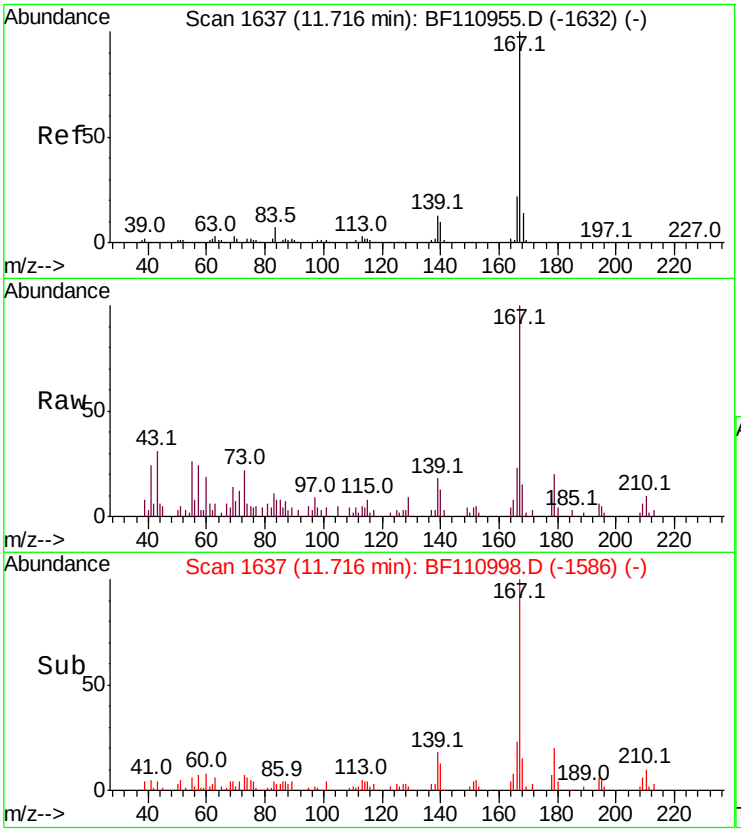


#72
Anthracene
Concen: 9.623 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Tgt Ion:178 Resp: 71527

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	14.7	12.6	18.8



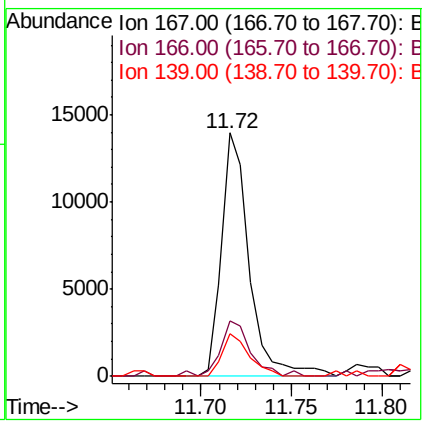


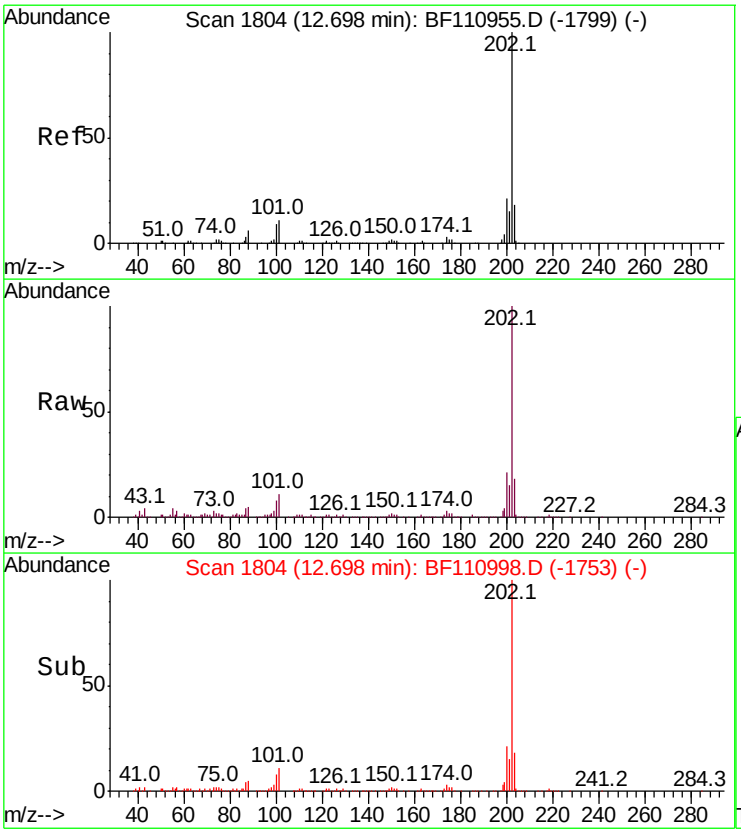
#73
Carbazole
Concen: 2.065 ng
RT: 11.72 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 14896

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.4	26.0
139	17.7	10.9	16.3#

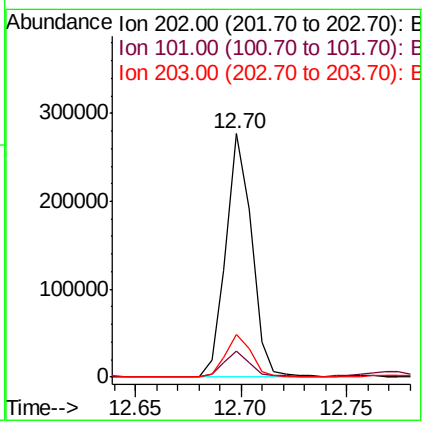


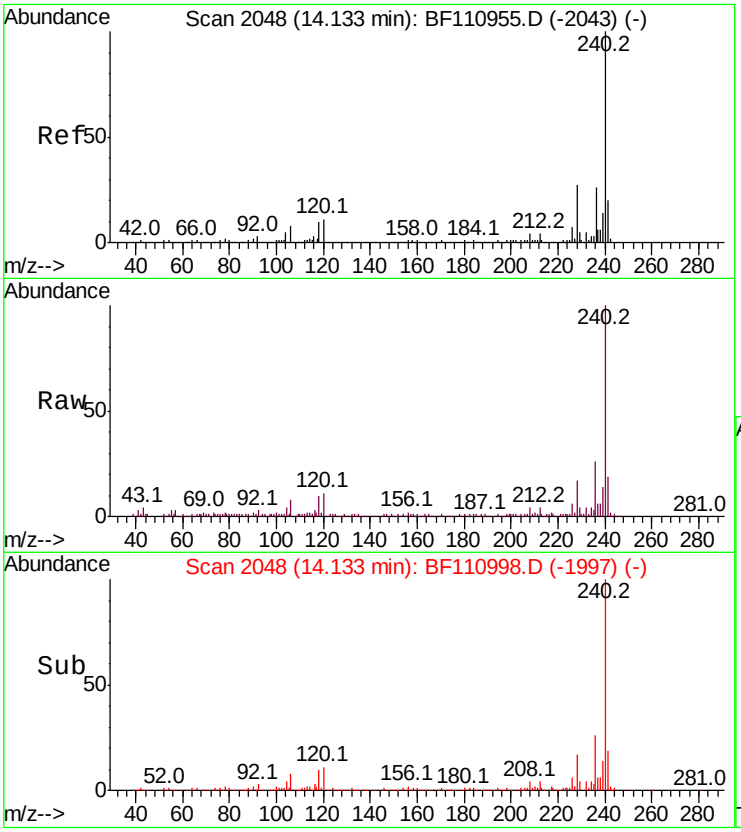


#75
Fluoranthene
Concen: 31.292 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Tgt Ion:202 Resp: 234725

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.5	0.0	37.7



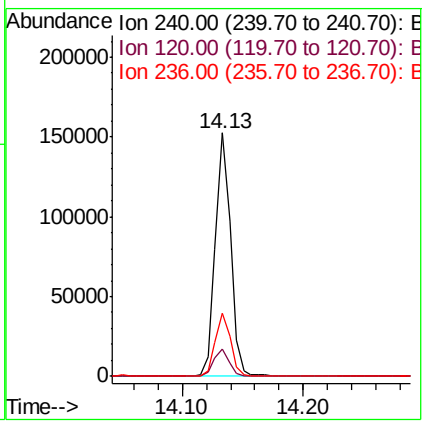


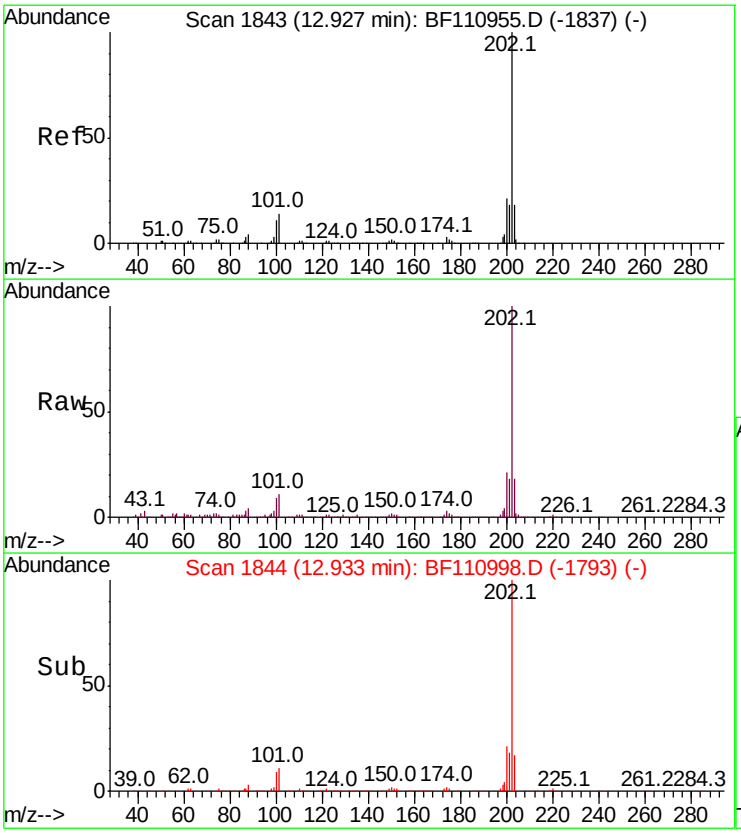
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 132441

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	26.1	21.2	31.8

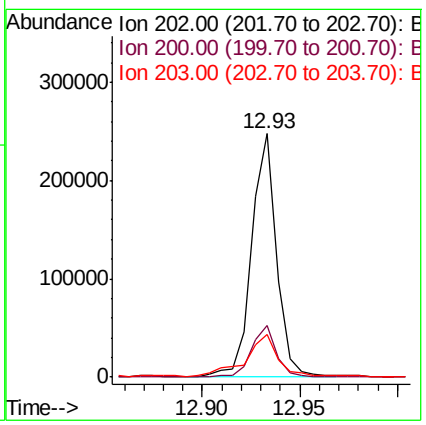


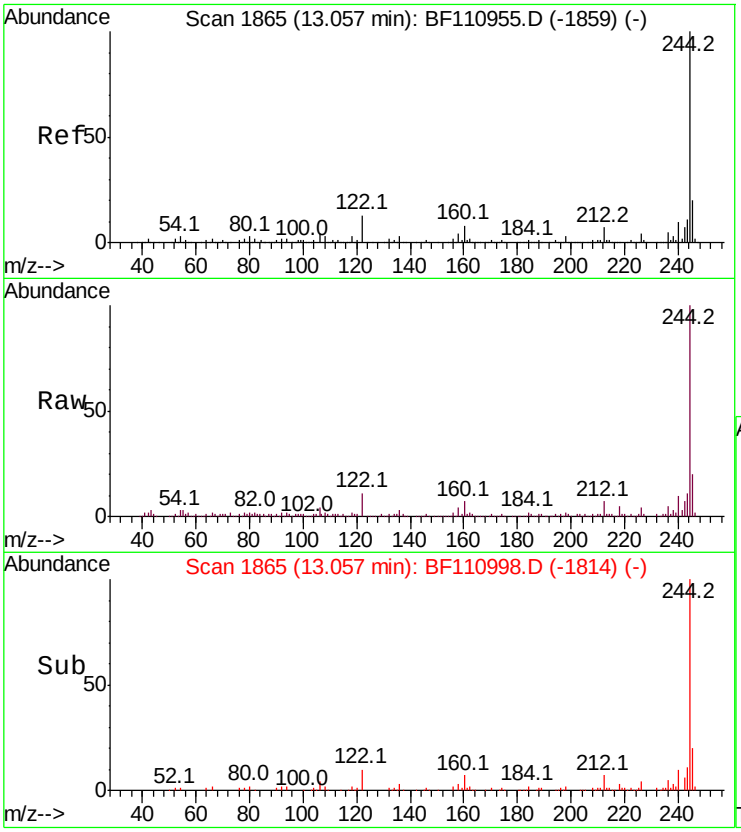


#78
Pyrene
Concen: 22.565 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Tgt Ion:202 Resp: 218271

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.8	26.6
203	17.7	14.2	21.4



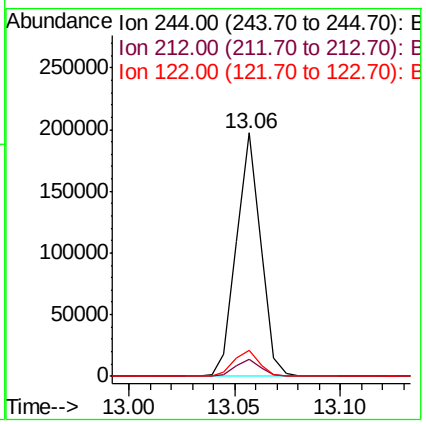


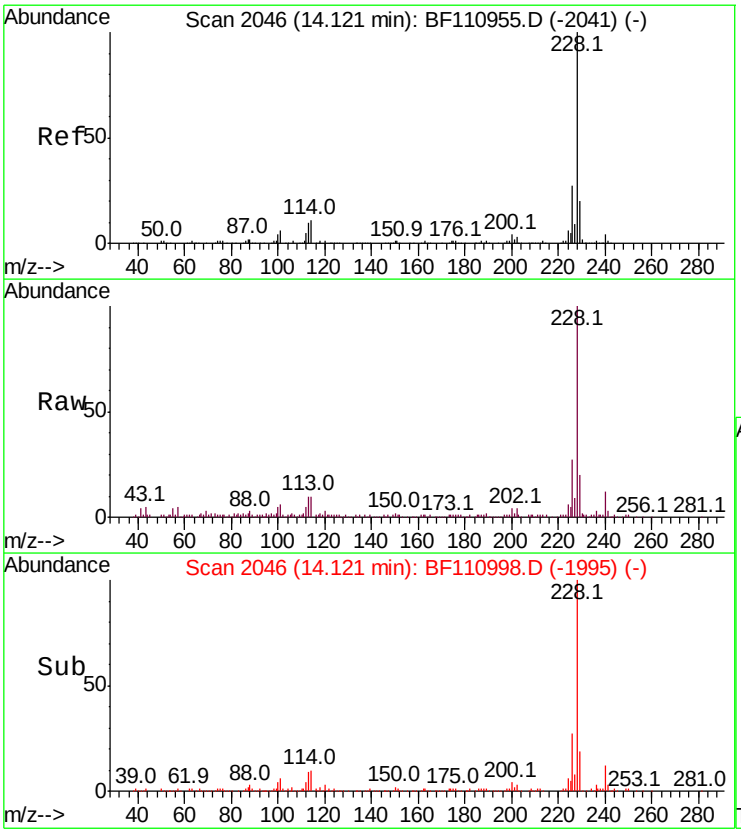
#79
Terphenyl-d14
Concen: 23.001 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 156492

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.8	8.7	13.1

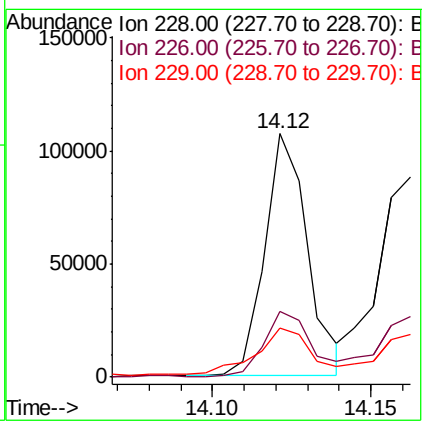


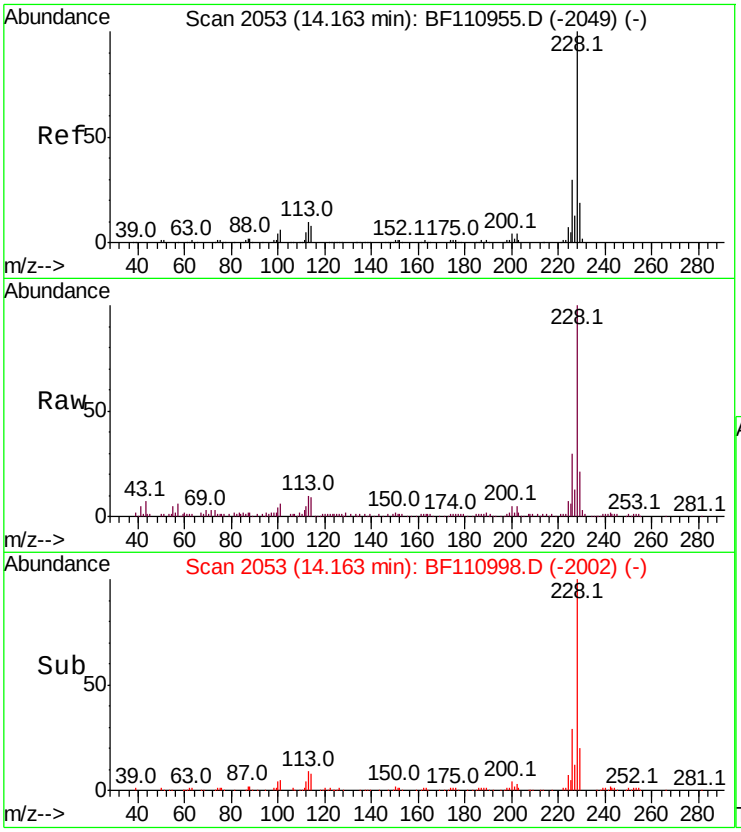


#81
Benzo(a)anthracene
Concen: 12.946 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Tgt Ion:228 Resp: 101224

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	20.0	15.6	23.4



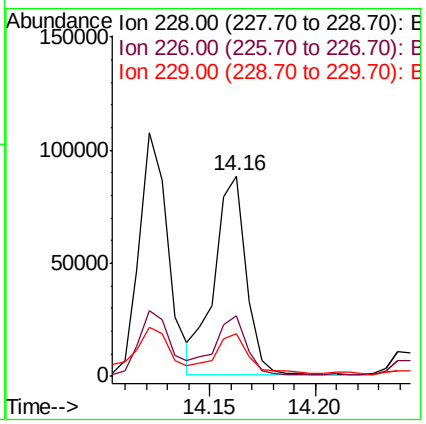


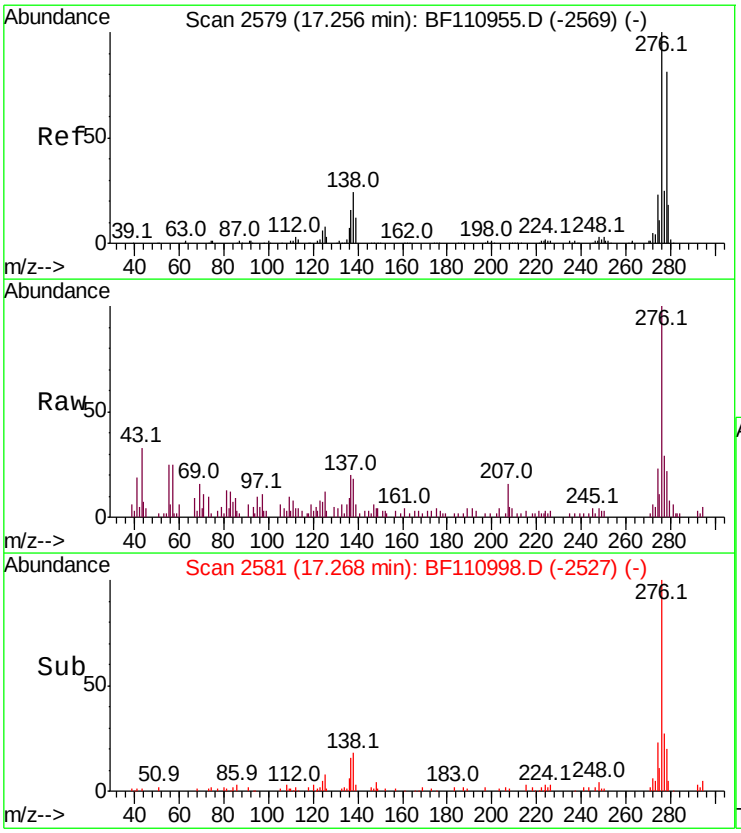
#83
Chrysene
Concen: 11.884 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 91474

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	21.2	15.9	23.9

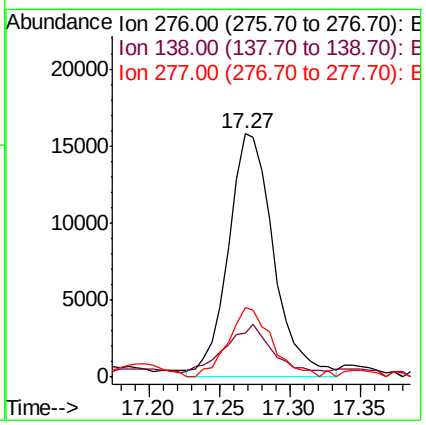


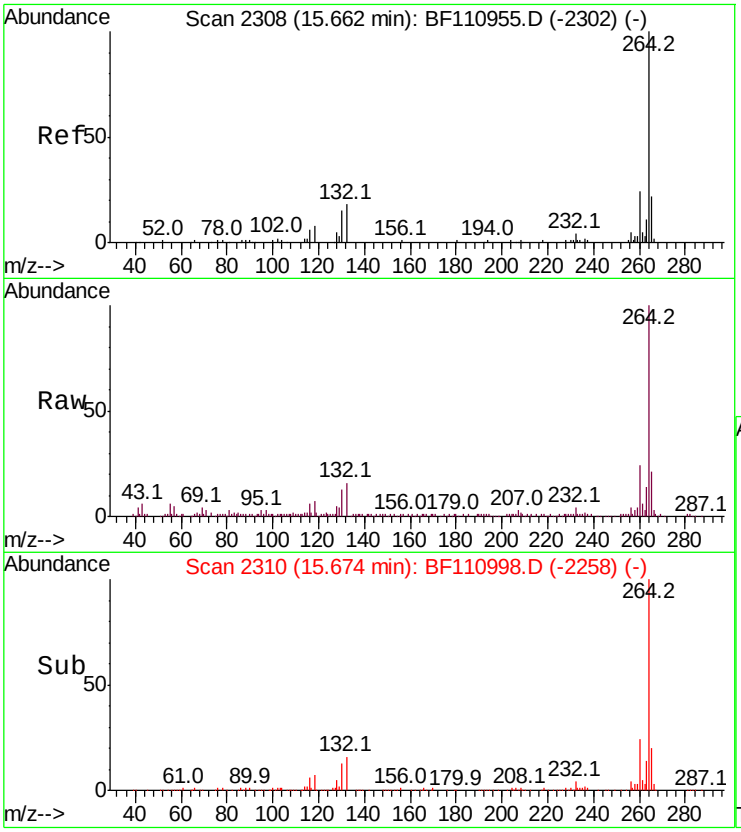


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.451 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.02 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Tgt Ion:276 Resp: 35644

Ion	Ratio	Lower	Upper
276	100		
138	19.3	18.5	27.7
277	27.2	20.0	30.0



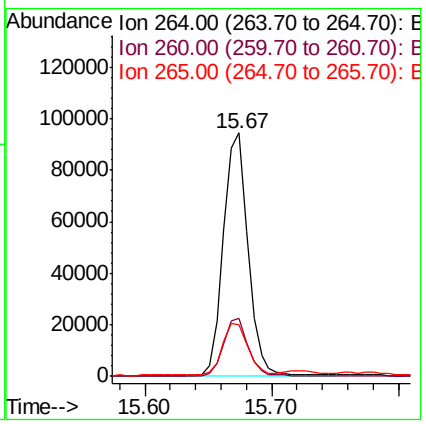


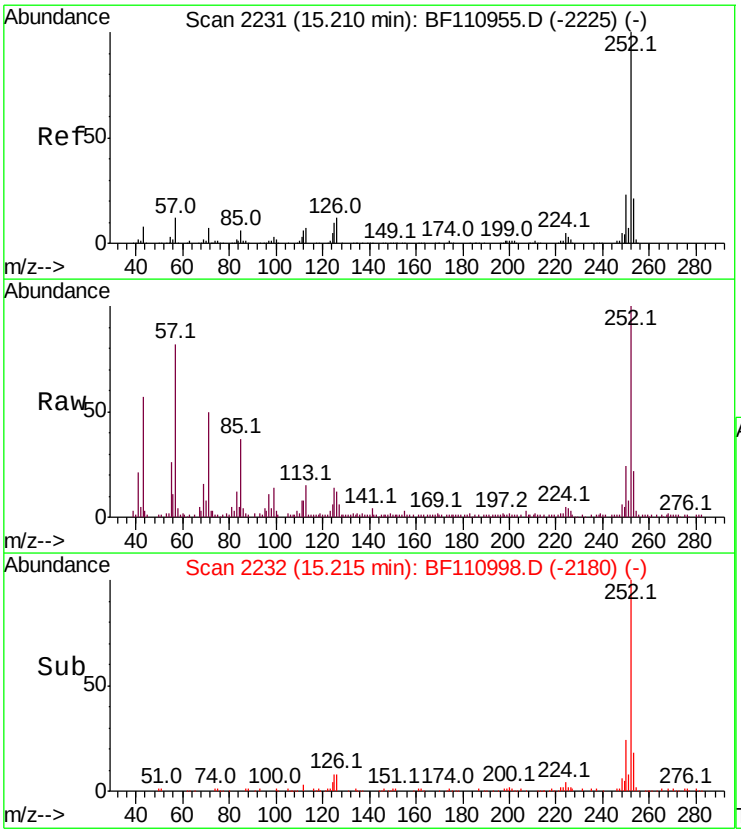
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 128357

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	20.9	16.7	25.1

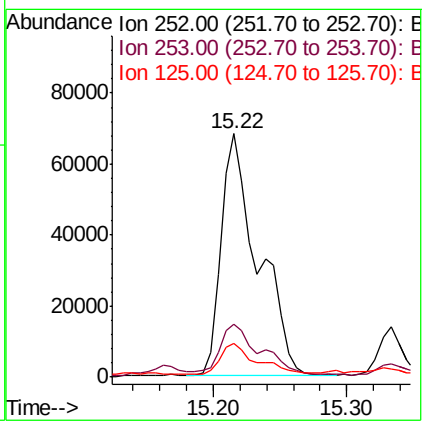


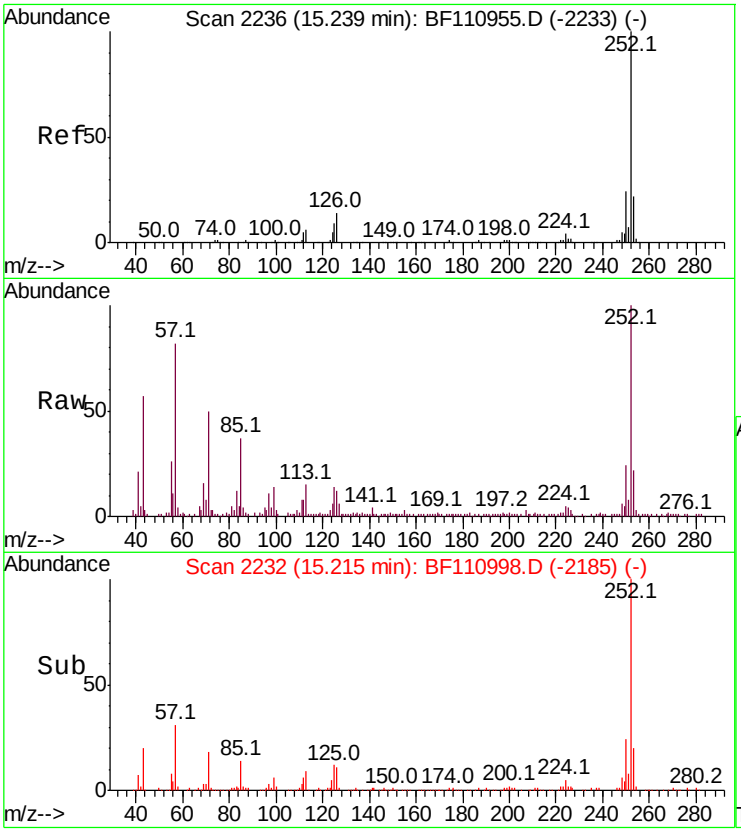


#88
Benzo(b)fluoranthene
Concen: 17.415 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Tgt Ion:252 Resp: 131314

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	13.9	8.2	12.4#



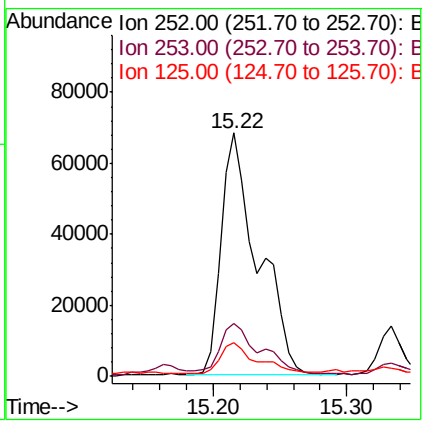


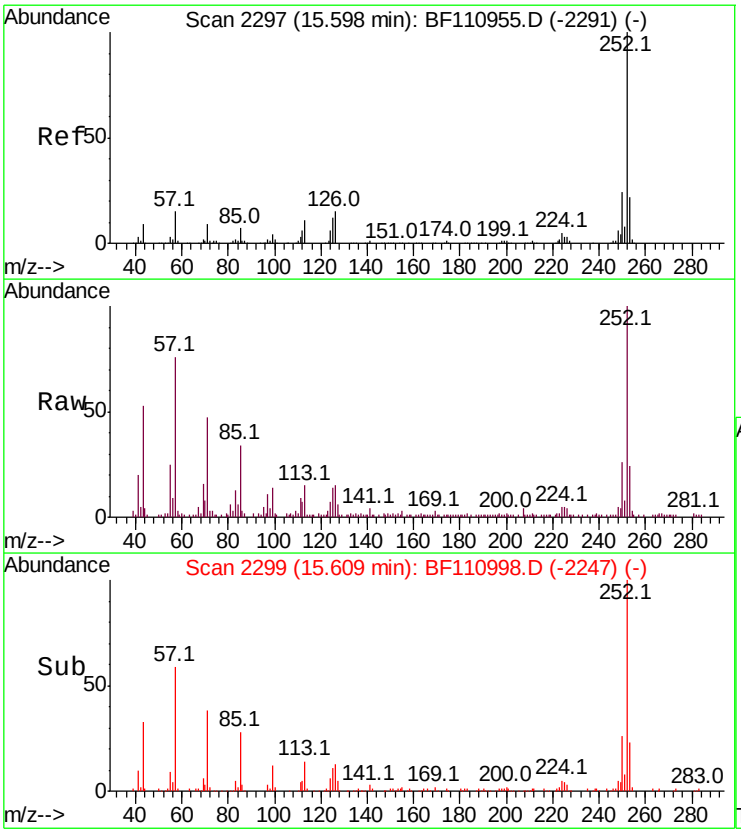
#89
Benzo(k)fluoranthene
Concen: 16.919 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 131314

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	13.9	7.4	11.0#

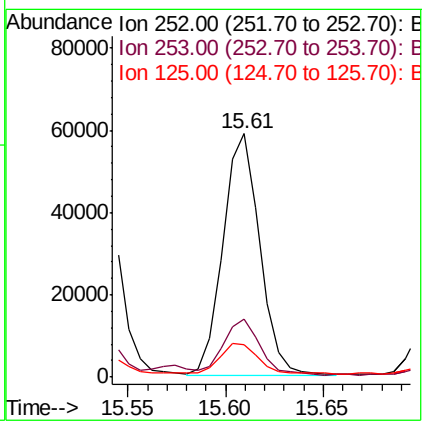


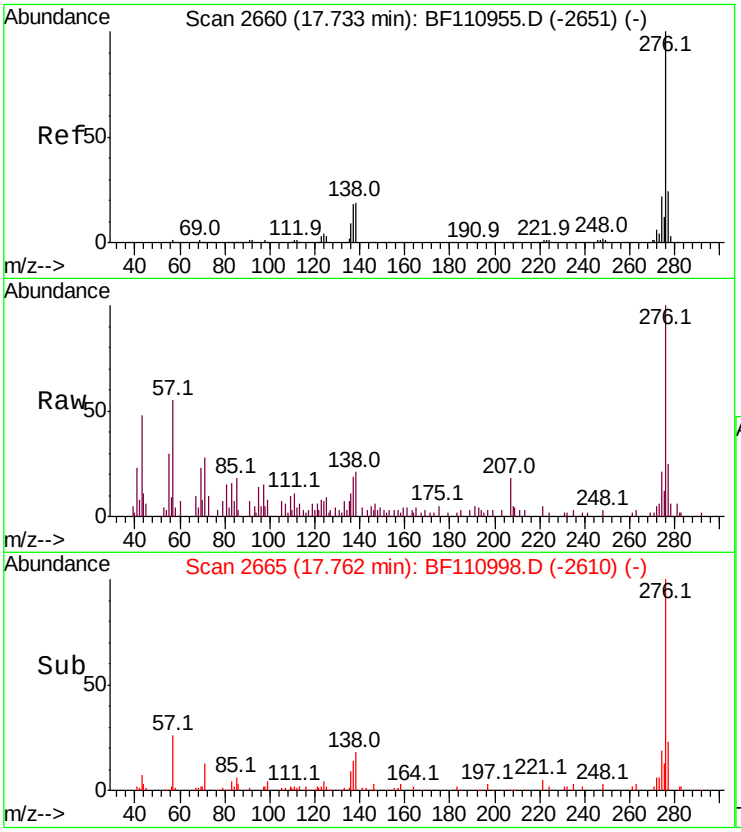


#90
Benzo(a)pyrene
Concen: 10.925 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Tgt Ion:252 Resp: 76679

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	13.6	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 5.975 ng
RT: 17.76 min Scan# 2665
Delta R.T. 0.02 min
Lab File: BF110998.D
Acq: 27 Nov 2018 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 33362

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	21.2	16.0	24.0