Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
Data File : BF111019.D
Acq On : 27 Nov 2018 19:37
Operator : JU/SJ
Sample : J6051-01 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-01

Quant Time: Nov 28 00:59:26 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 15:32:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	44748	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	175301	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	71178	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	136120	20.00	ng		0.00
76) Chrysene-d12	14.15	240	98203	20.00	ng		0.02
87) Perylene-d12	15.69	264	73420	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	24979	9.26	ng		0.03
7) Phenol-d6	6.59	99	34860	9.91	ng		0.02
23) Nitrobenzene-d5	7.53	82	20124	6.57	ng		0.02
42) 2,4,6-Tribromophenol	10.79	330	6580	9.31	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	38716	7.88	ng		0.00
79) Terphenyl-d14	13.06	244	39145	7.76	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.72	77	518	Below Cal		#	33
49) Acenaphthylene	9.85	152	16401	2.424	ng		94
51) 2,6-Dinitrotoluene	9.98	165	9415	8.101	ng	#	21
52) Acenaphthene	10.02	154	77608	17.893	ng		98
55) Dibenzofuran	10.19	168	39180	6.192	ng		98
56) 4-Nitrophenol	10.19	139	15455	23.676	ng	#	6
58) Fluorene	10.53	166	73458	14.921	ng		99
71) Phenanthrene	11.52	178	1513525	209.941	ng		99
72) Anthracene	11.56	178	358271	48.798	ng		98
73) Carbazole	11.72	167	243957	34.234	ng		100
75) Fluoranthene	12.73	202	3195861	431.311	ng		97
78) Pyrene	12.96	202	2740218	382.046	ng		99
81) Benzo(a)anthracene	14.14	228	1303003	224.742	ng		98
82) 3,3'-Dichlorobenzidine	14.17	252	7132	3.588	ng	#	1
83) Chrysene	14.14	228	1303003	228.300	ng		97
86) Indeno(1,2,3-cd)pyrene	17.31	276	655985	160.122	ng		95
88) Benzo(b)fluoranthene	15.24	252	1871038	433.800	ng		97
89) Benzo(k)fluoranthene	15.24	252	1871038	421.456	ng	#	96
90) Benzo(a)pyrene	15.64	252	941060	234.397	ng		97
91) Dibenzo(a,h)anthracene	17.46	278	108997	32.904	ng		96
92) Benzo(g,h,i)perylene	17.80	276	630462	197.394	ng		98

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

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QLast Update : Tue Nov 27 15:32:10 2018
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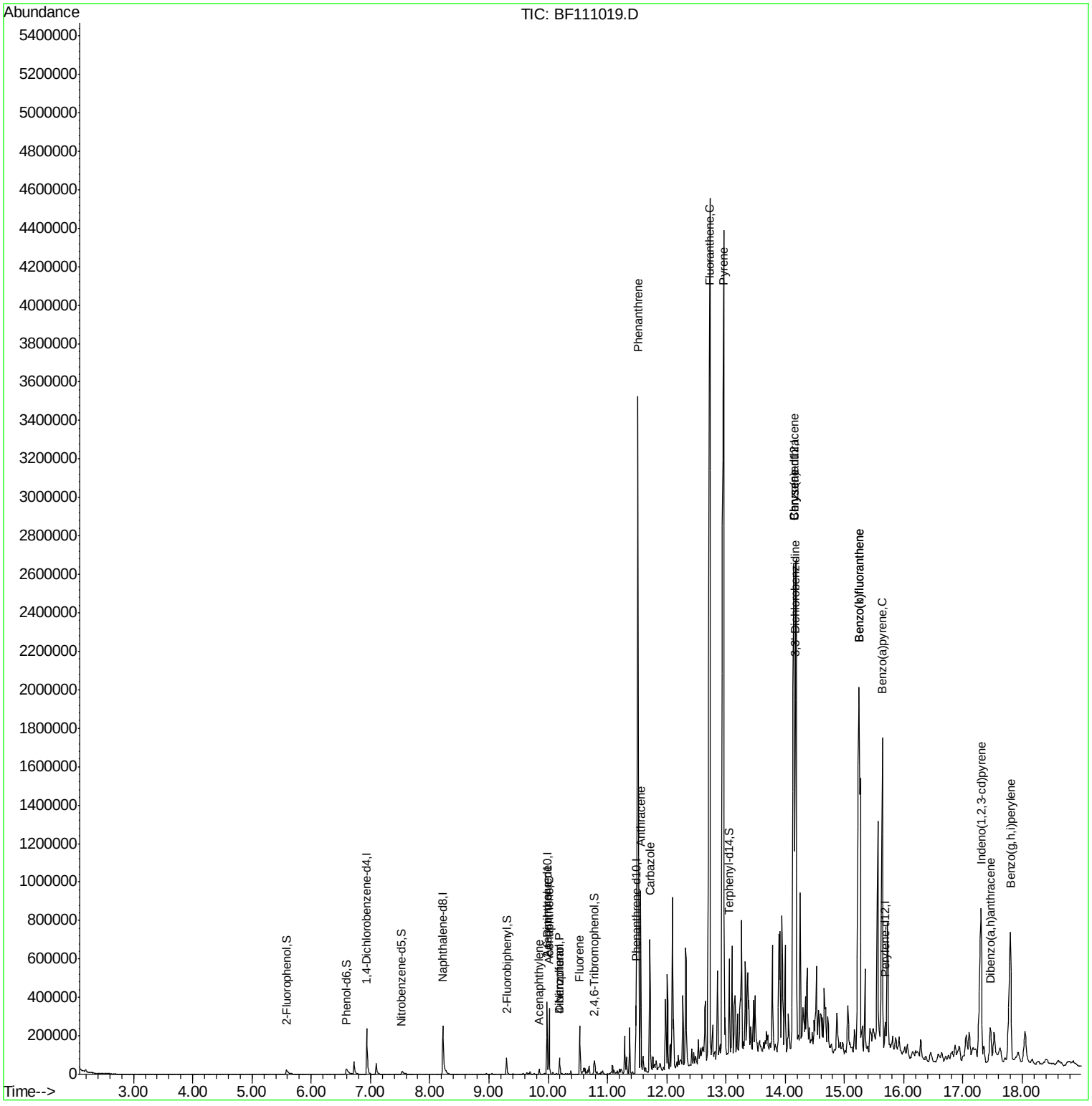
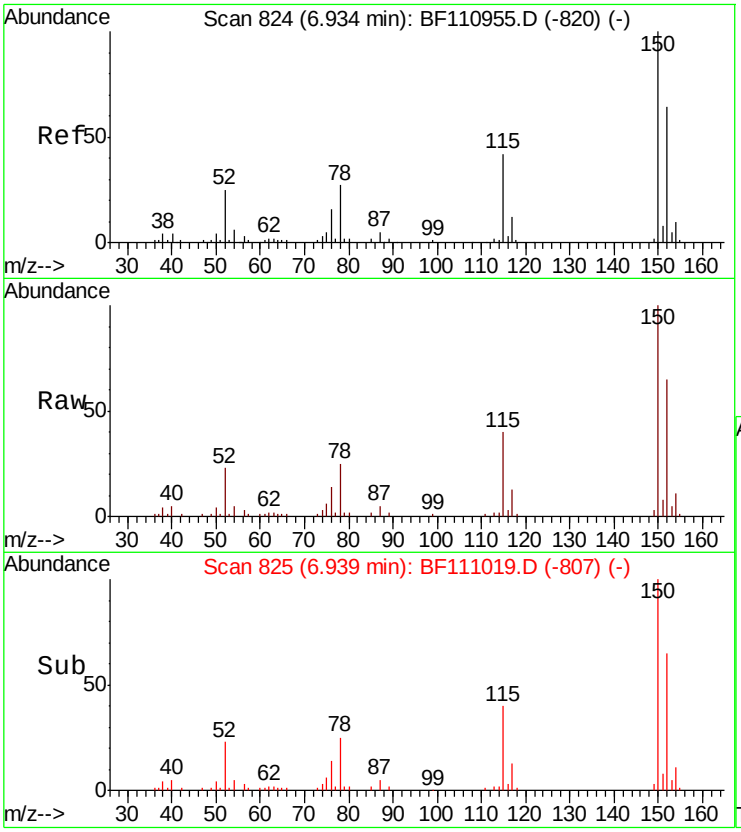


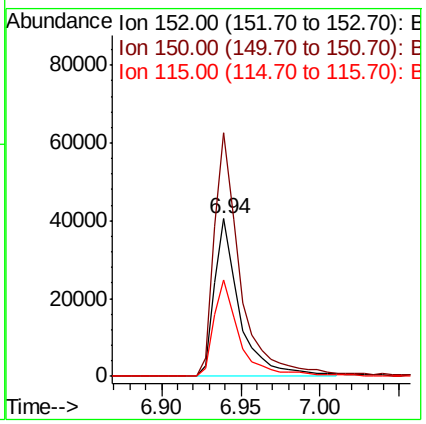


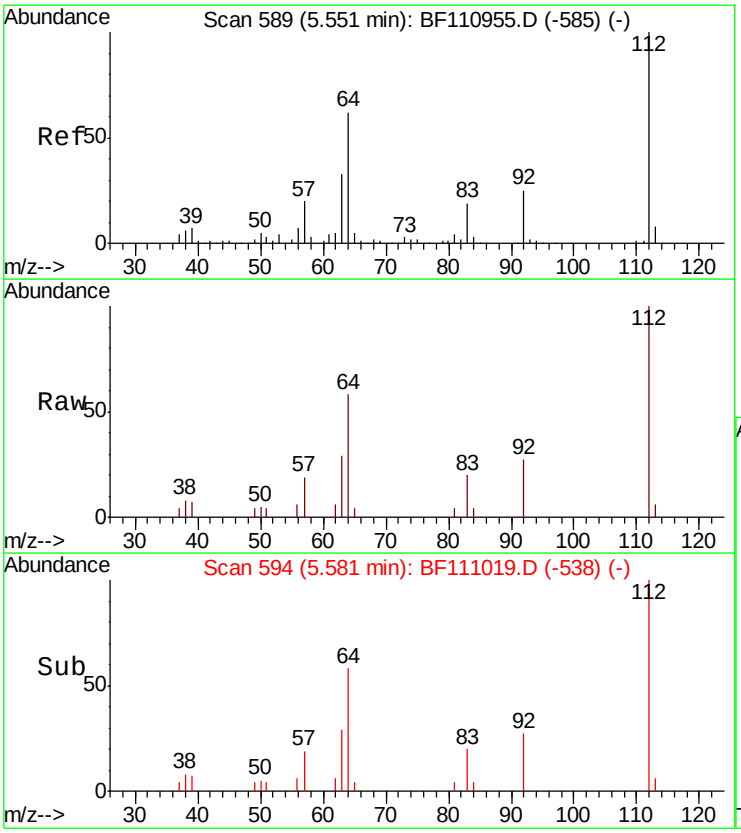
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion:152 Resp: 44748

Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.7	184.1
115	61.5	49.1	73.7

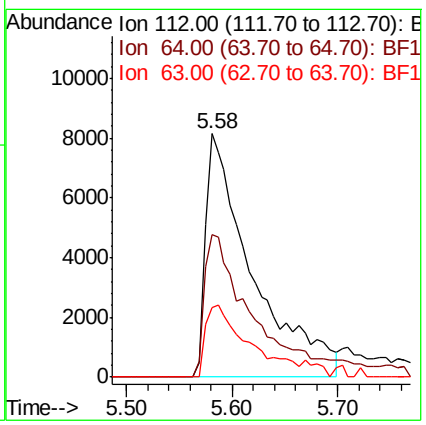


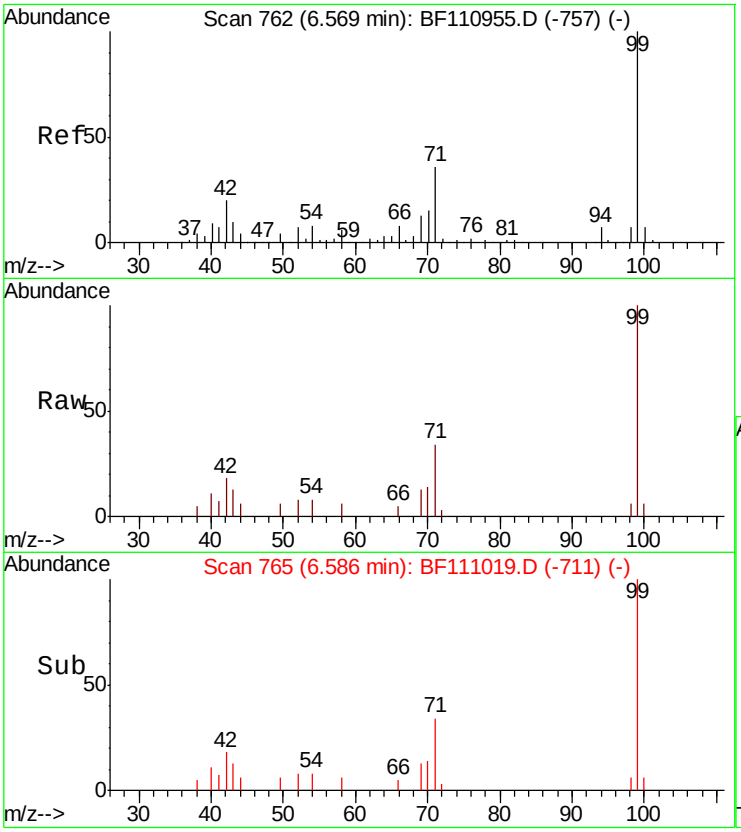


#5
2-Fluorophenol
Concen: 9.257 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.03 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Tgt Ion:112 Resp: 24979

Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.1	66.1
63	28.6	23.7	35.5



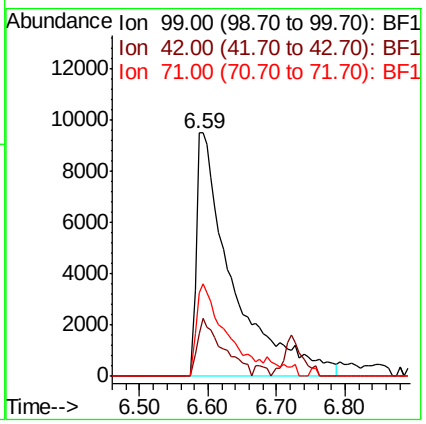


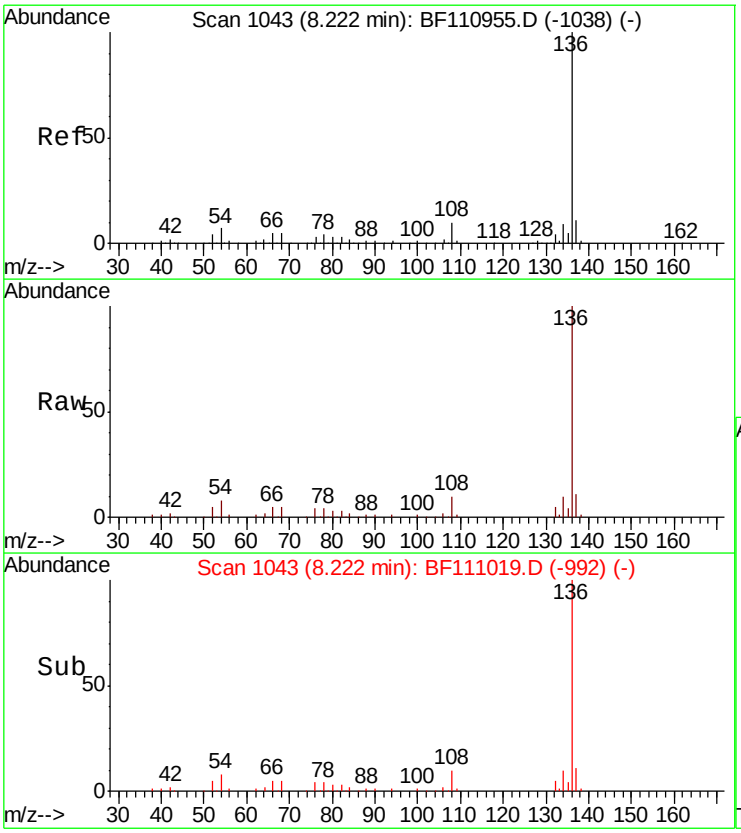
#7
Phenol-d6
Concen: 9.913 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.02 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion: 99 Resp: 34860

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.8	23.6
71	34.1	28.0	42.0

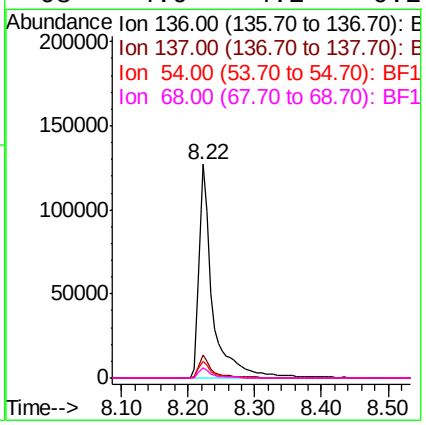


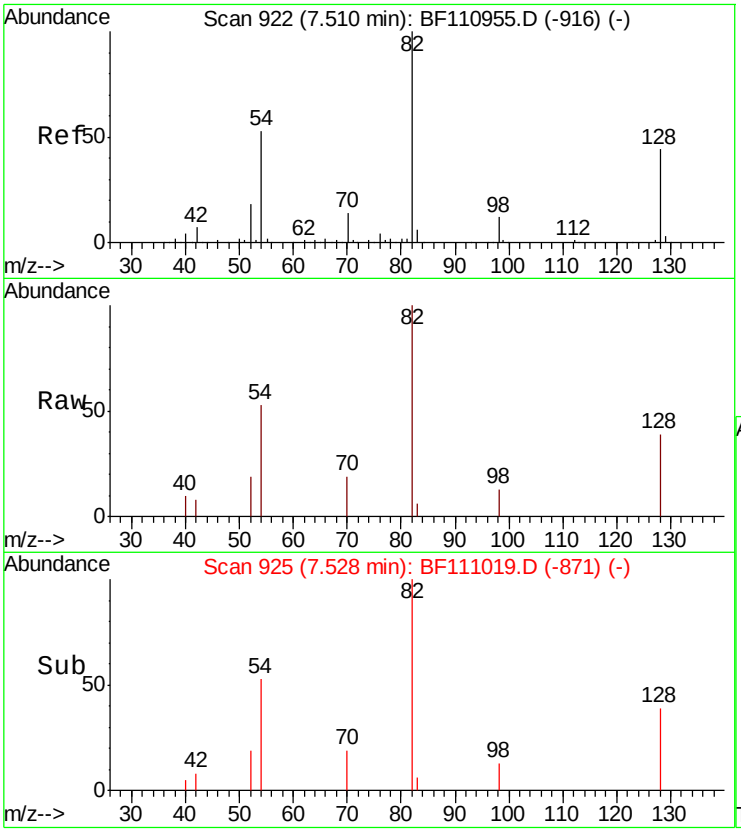


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Tgt Ion:136 Resp: 175301

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	5.4	8.2
68	4.9	4.2	6.2



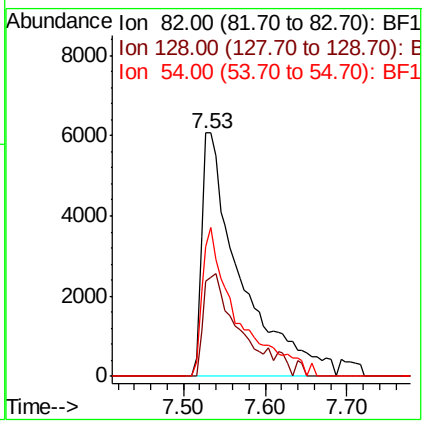


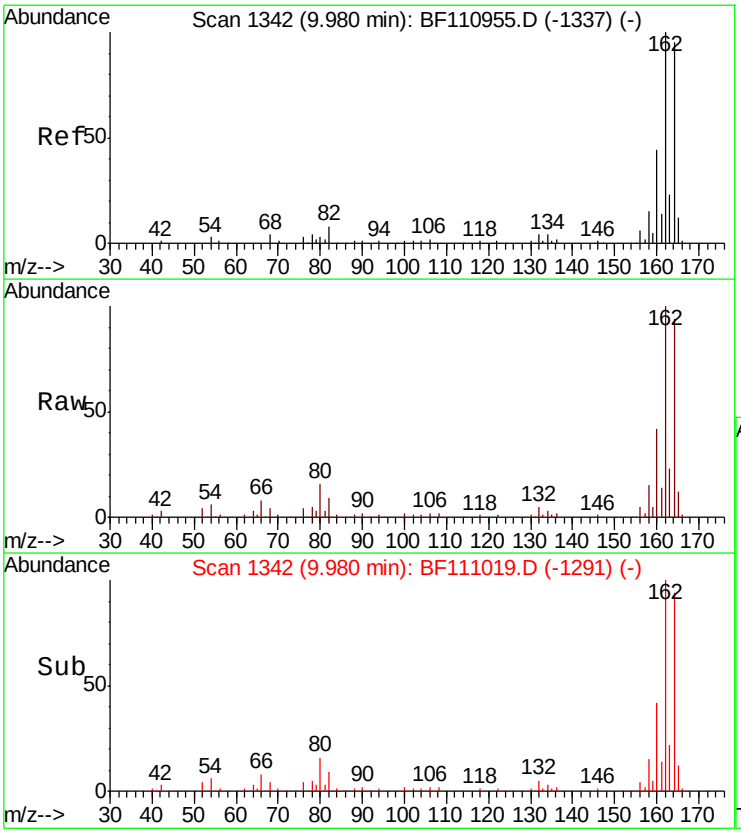
#23
Nitrobenzene-d5
Concen: 6.570 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.02 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion: 82 Resp: 20124

Ion	Ratio	Lower	Upper
82	100		
128	39.2	34.2	51.2
54	53.4	38.6	58.0

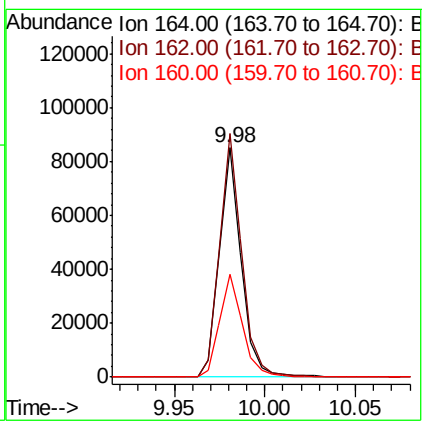


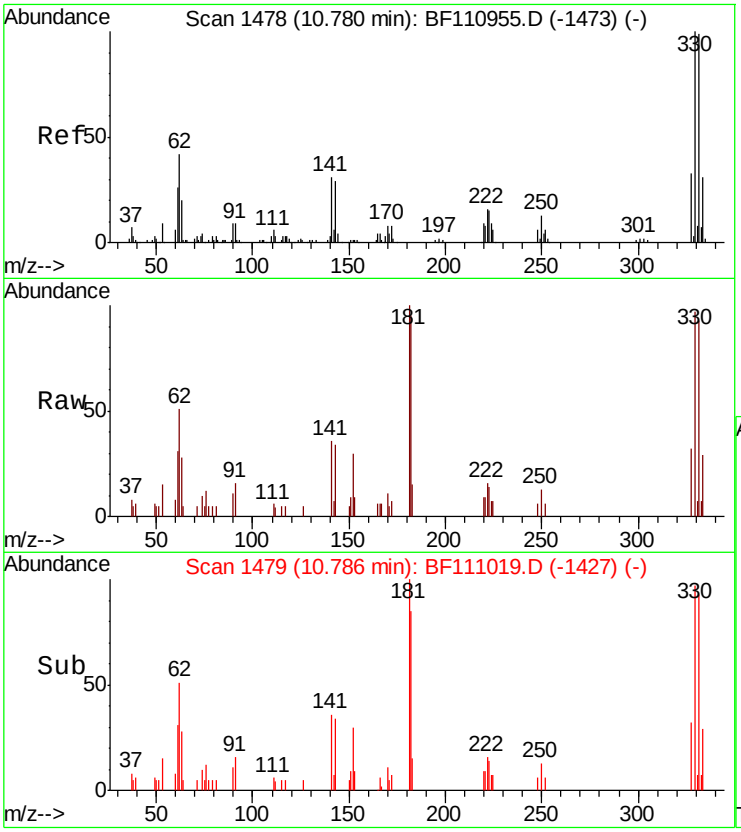


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Tgt Ion:164 Resp: 71178

Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.0	124.6
160	45.0	37.0	55.6



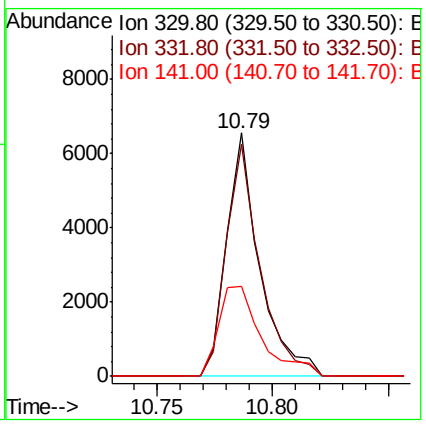


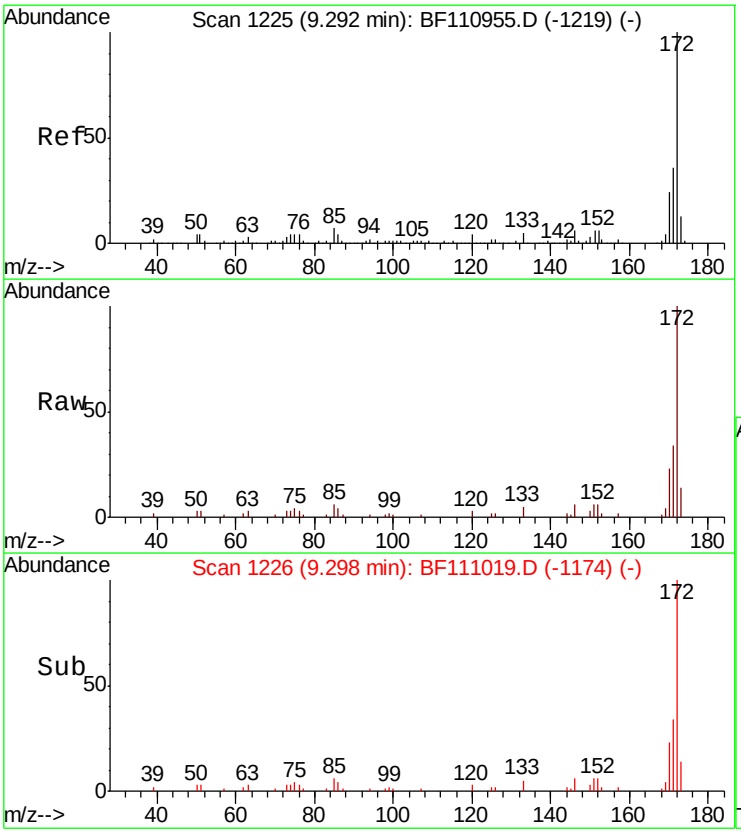
#42
2,4,6-Tribromophenol
Concen: 9.308 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion:330 Resp: 6580

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	47.7	27.0	40.4#

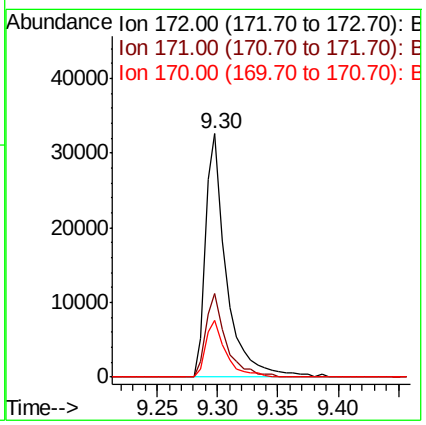


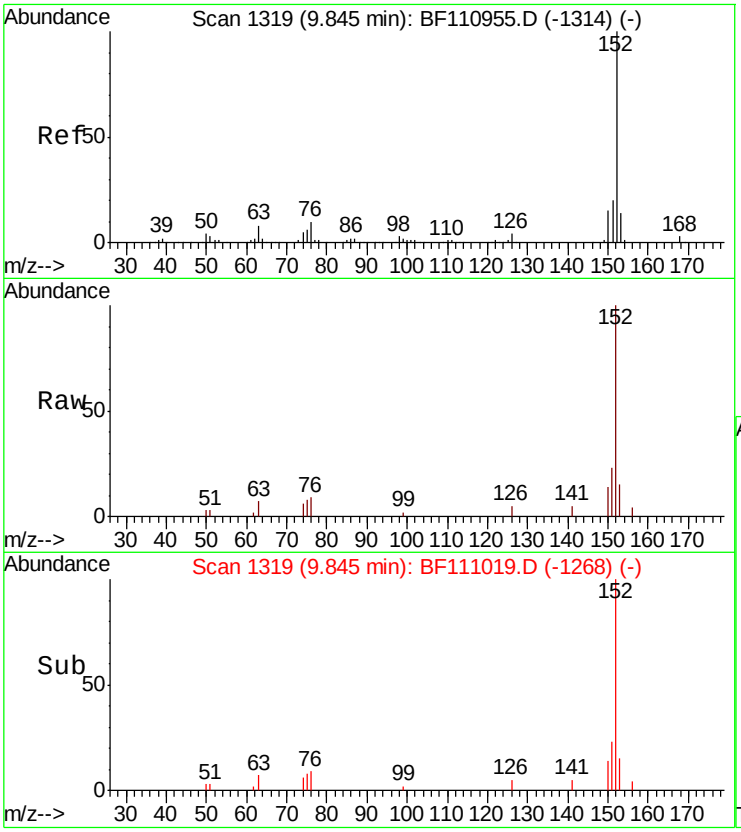


#45
2-Fluorobiphenyl
Concen: 7.880 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.01 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Tgt Ion:172 Resp: 38716

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	43.0
170	23.1	19.7	29.5



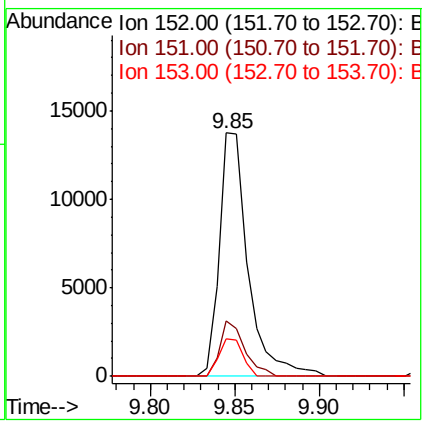


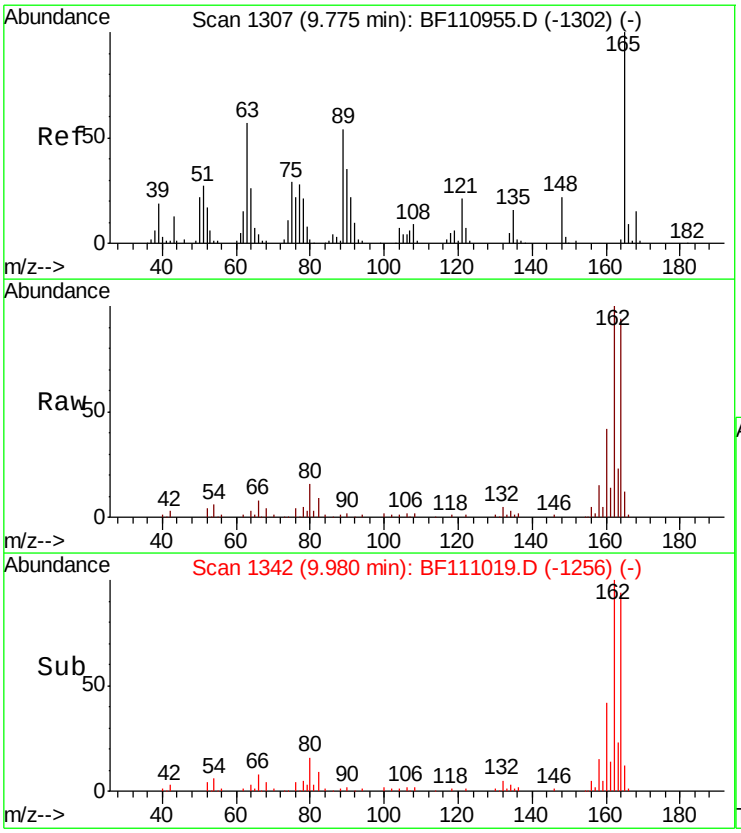
#49
Acenaphthylene
Concen: 2.424 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion:152 Resp: 16401

Ion	Ratio	Lower	Upper
152	100		
151	22.8	15.8	23.8
153	15.3	10.4	15.6

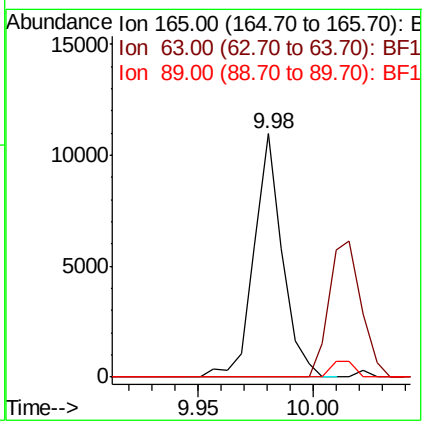


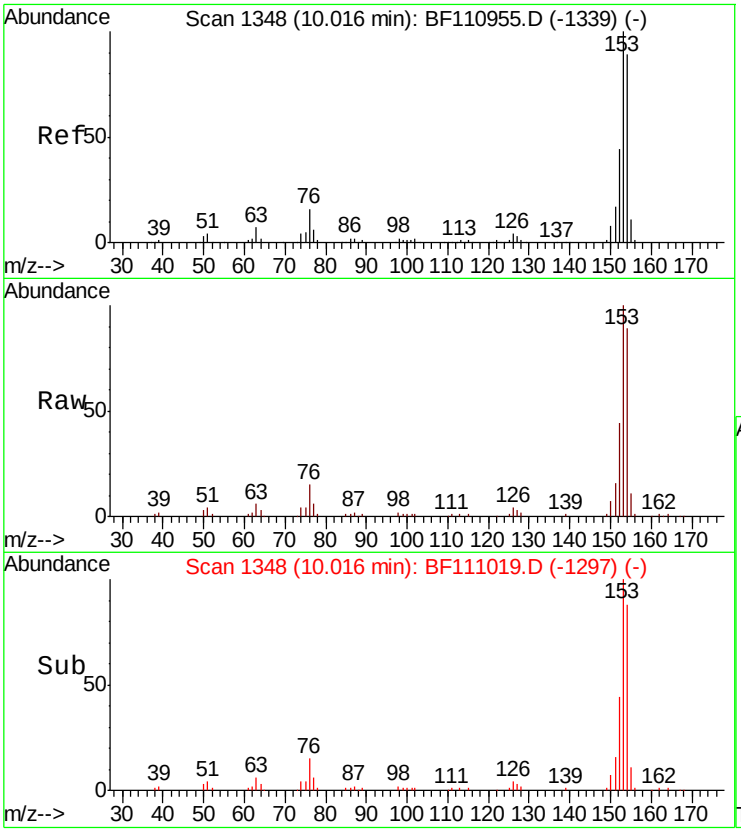


#51
2,6-Dinitrotoluene
Concen: 8.101 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Tgt Ion:165 Resp: 9415

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



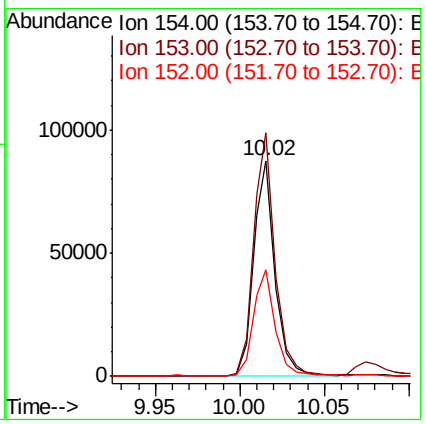


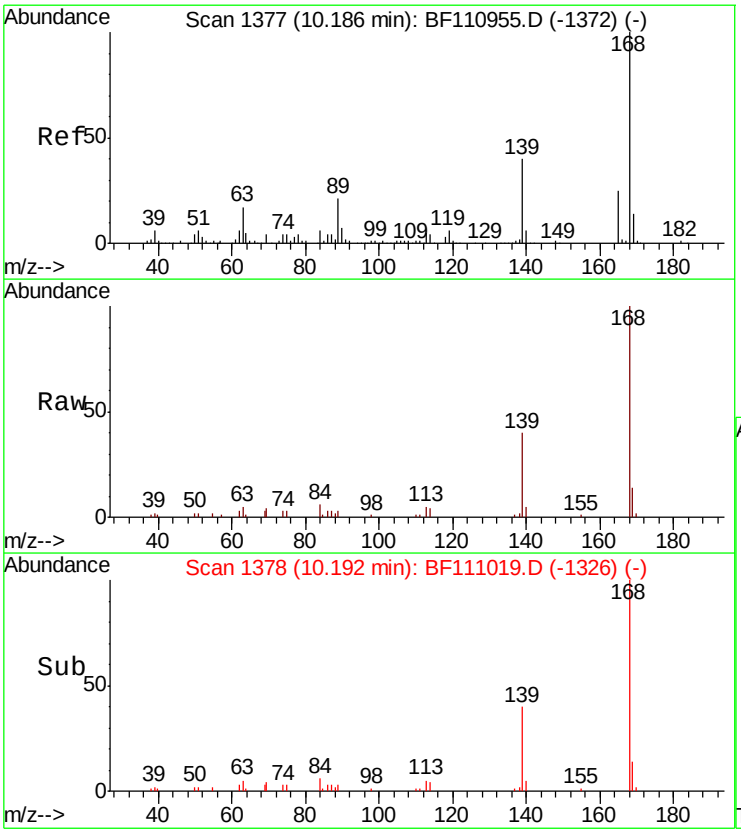
#52
Acenaphthene
Concen: 17.893 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion:154 Resp: 77608

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.1	135.1
152	49.7	43.4	65.2

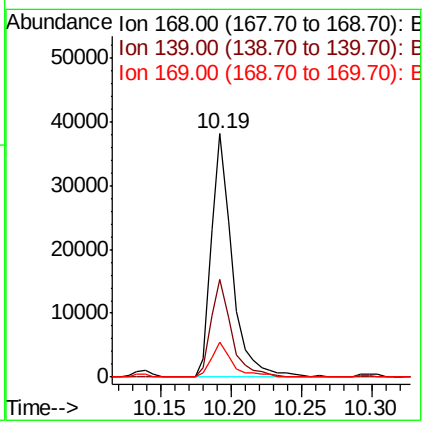


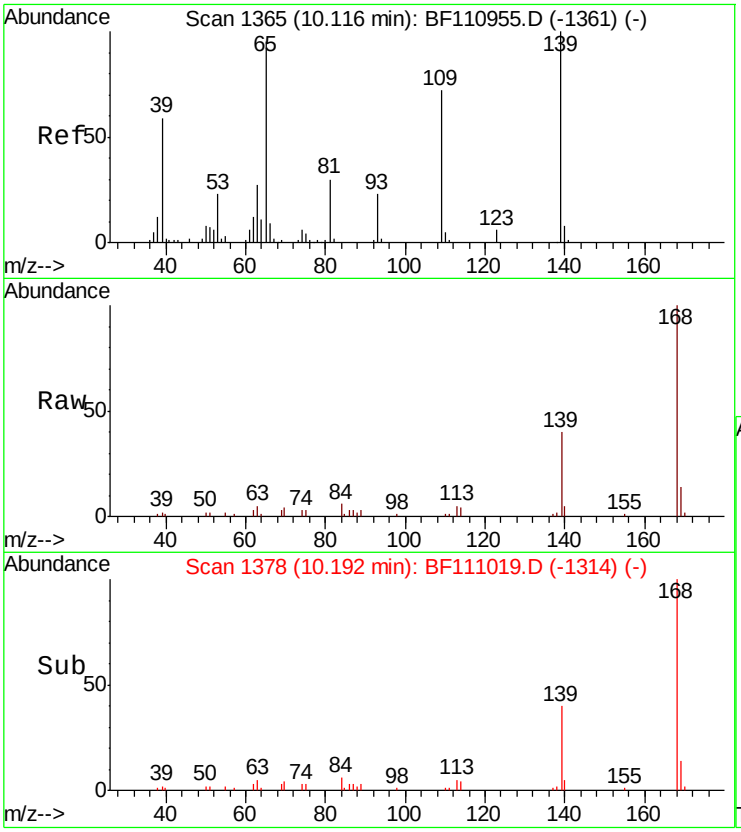


#55
Dibenzofuran
Concen: 6.192 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Tgt Ion:168 Resp: 39180

Ion	Ratio	Lower	Upper
168	100		
139	40.0	33.0	49.6
169	14.1	11.3	16.9



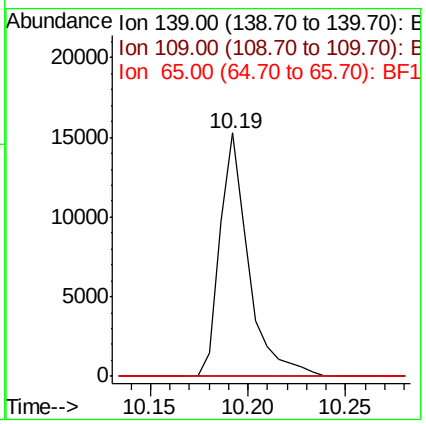


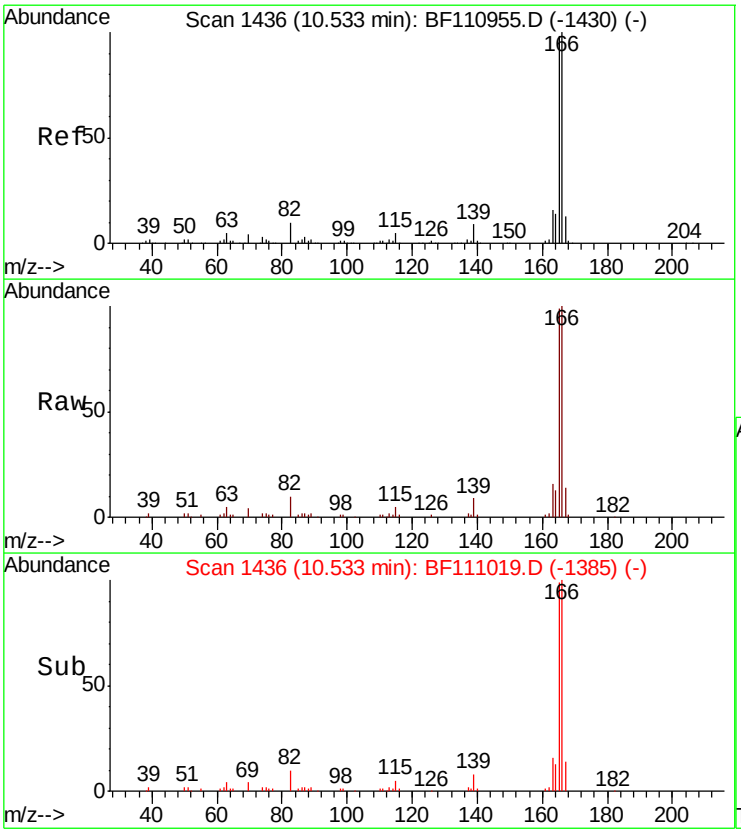
#56
4-Nitrophenol
Concen: 23.676 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.08 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion:139 Resp: 15455

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

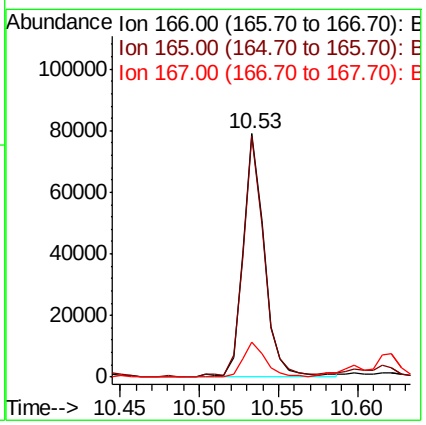


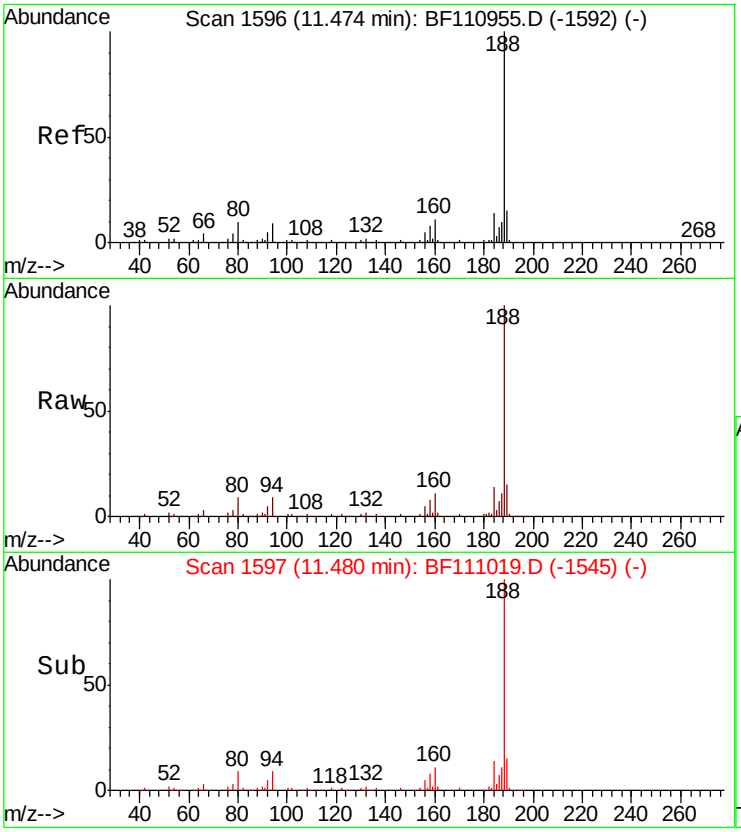


#58
Fluorene
Concen: 14.921 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Tgt Ion:166 Resp: 73458

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.6	117.8
167	14.1	10.8	16.2



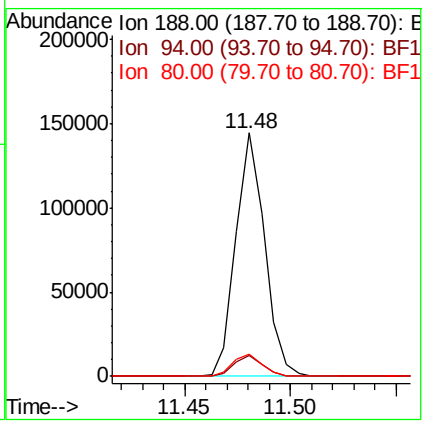


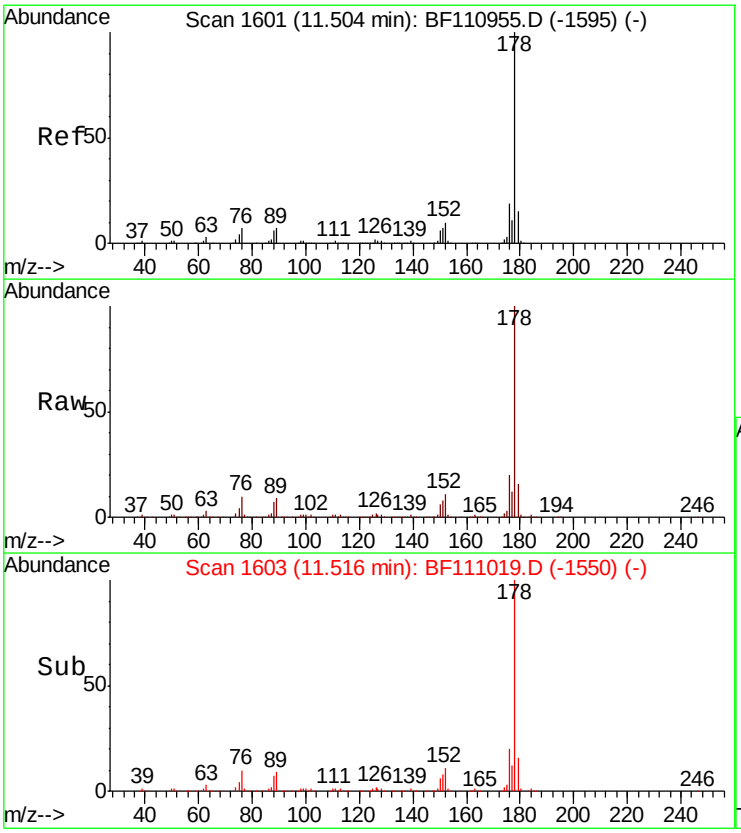
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion:188 Resp: 136120

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.1	7.9	11.9

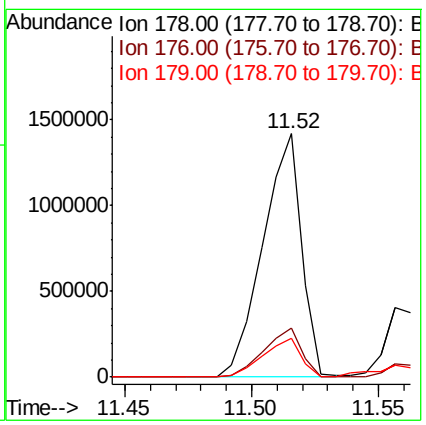


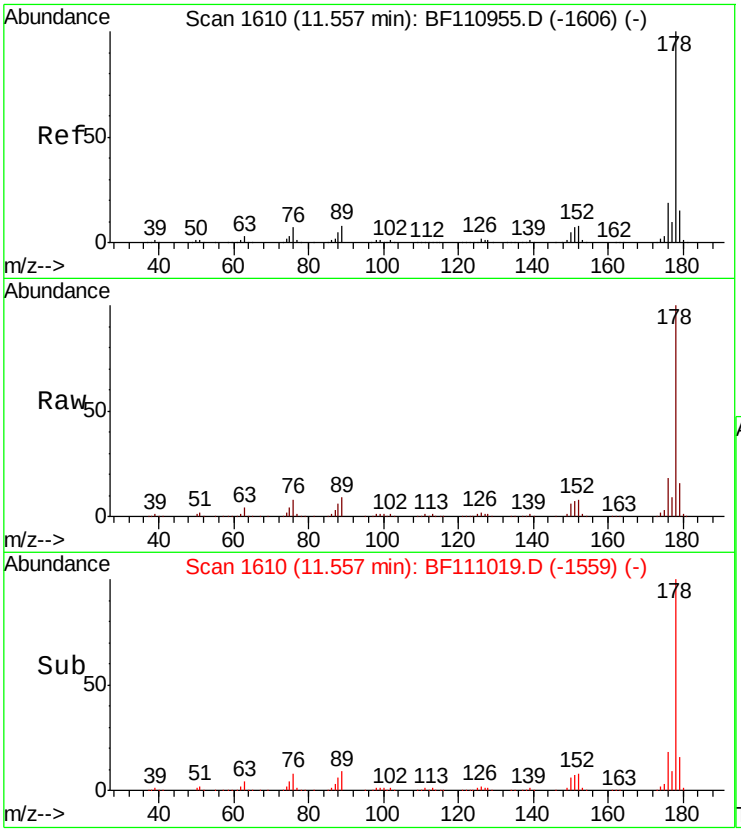


#71
Phenanthrene
Concen: 209.941 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Tgt Ion:178 Resp: 1513525

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.5	23.3
179	15.9	12.5	18.7



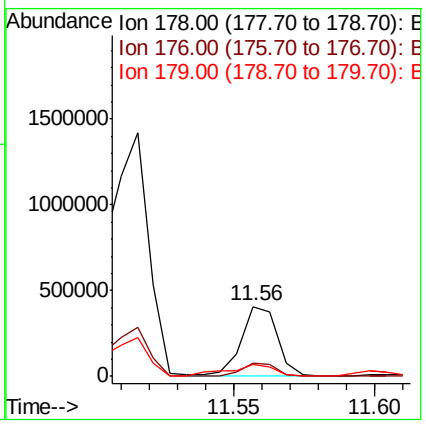


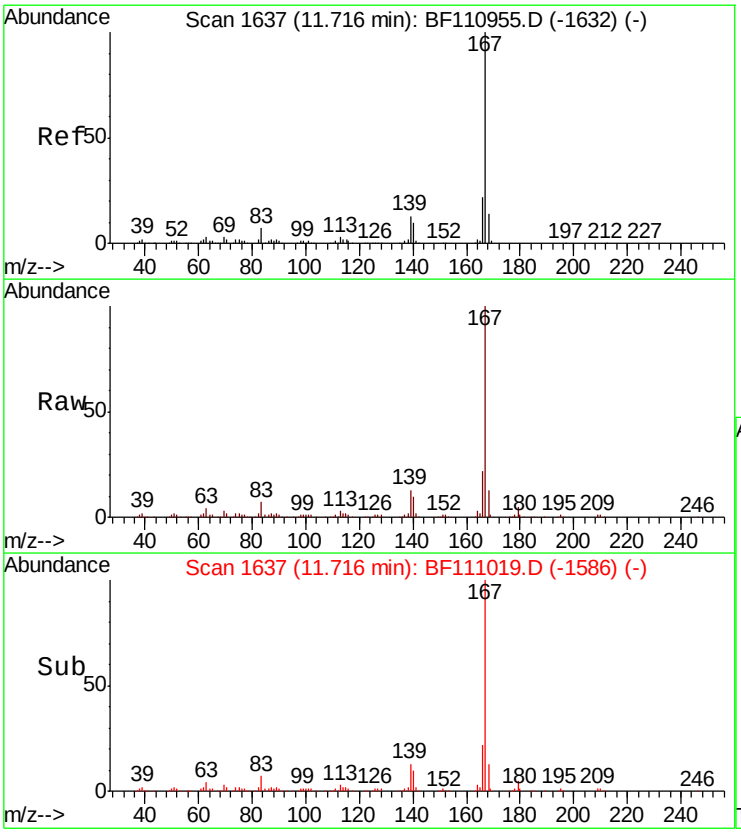
#72
Anthracene
Concen: 48.798 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion:178 Resp: 358271

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	16.4	12.6	18.8

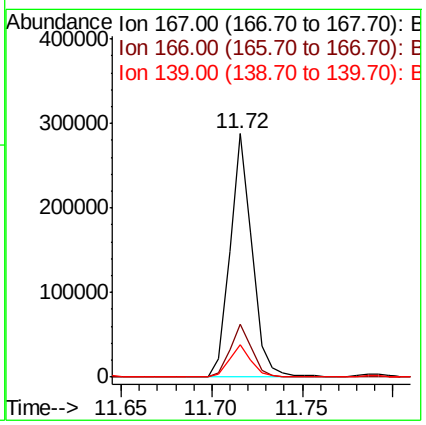


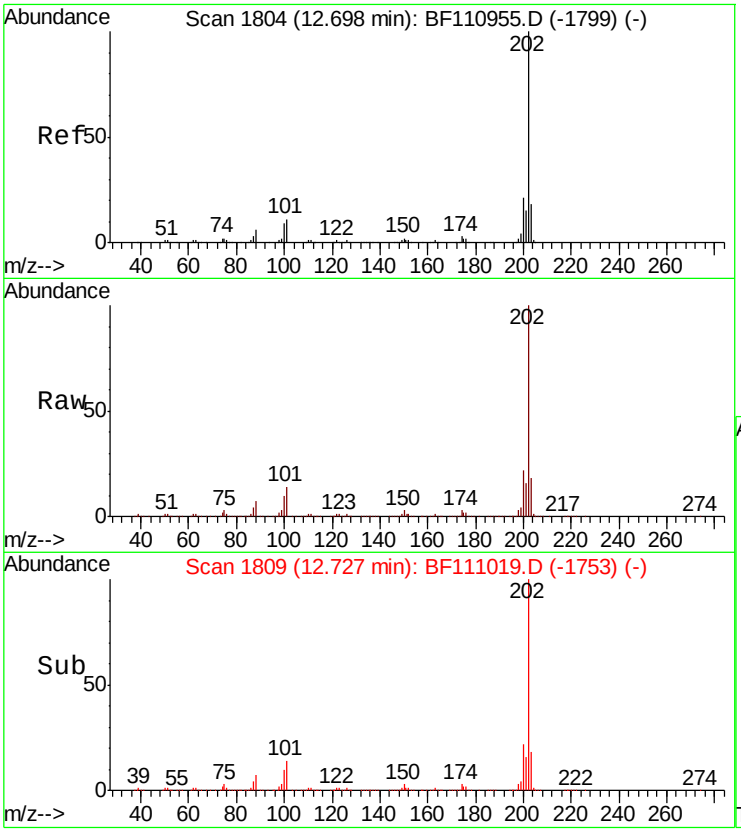


#73
Carbazole
Concen: 34.234 ng
RT: 11.72 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Tgt Ion:167 Resp: 243957

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	13.3	10.9	16.3



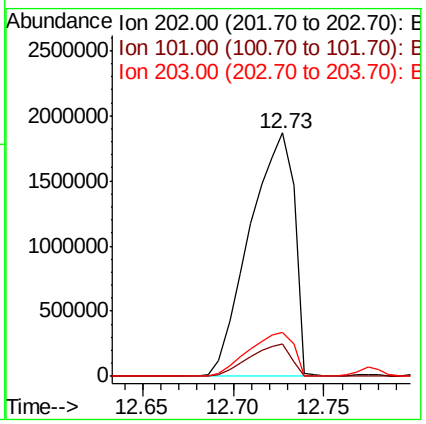


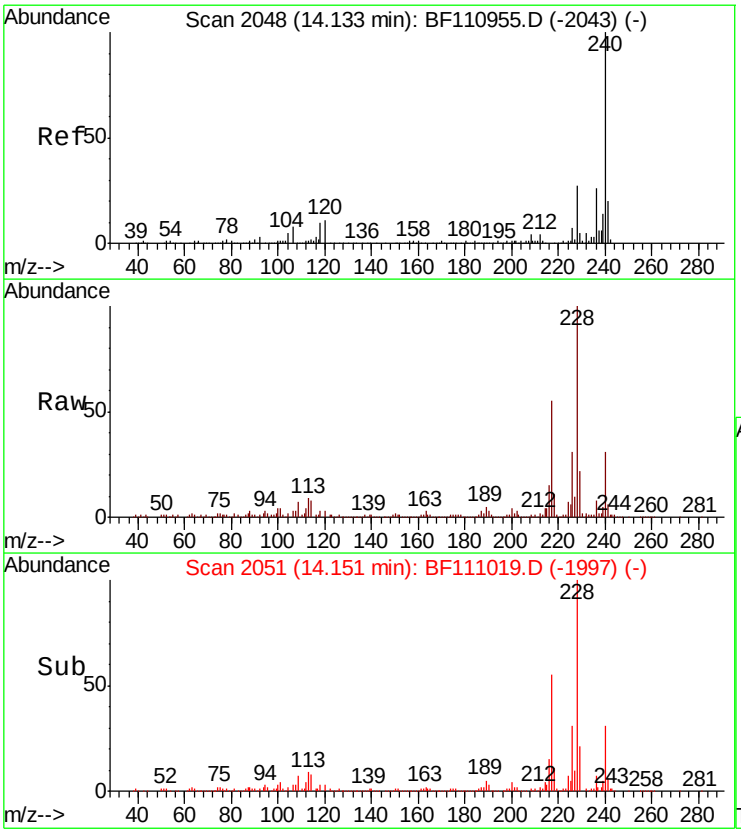
#75
Fluoranthene
Concen: 431.311 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.03 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion:202 Resp: 3195861

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	31.4
203	18.0	0.0	37.7

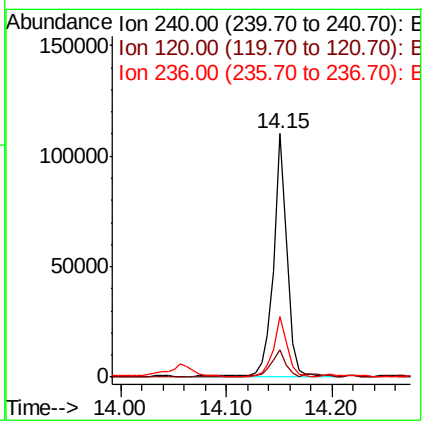


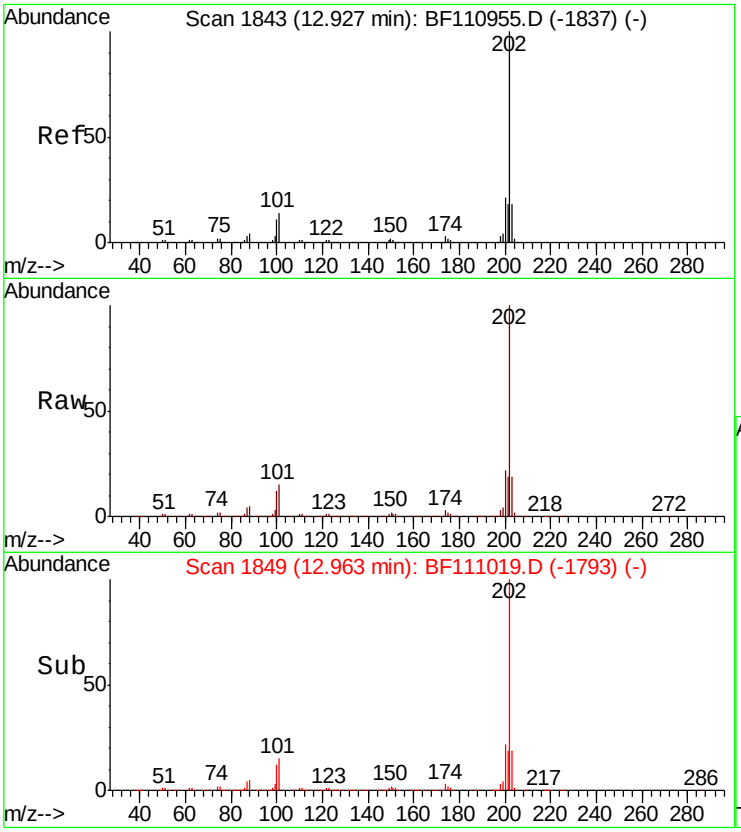


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.02 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Tgt Ion:240 Resp: 98203

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	24.9	21.2	31.8



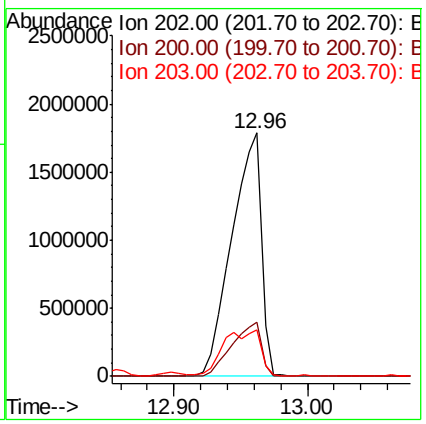


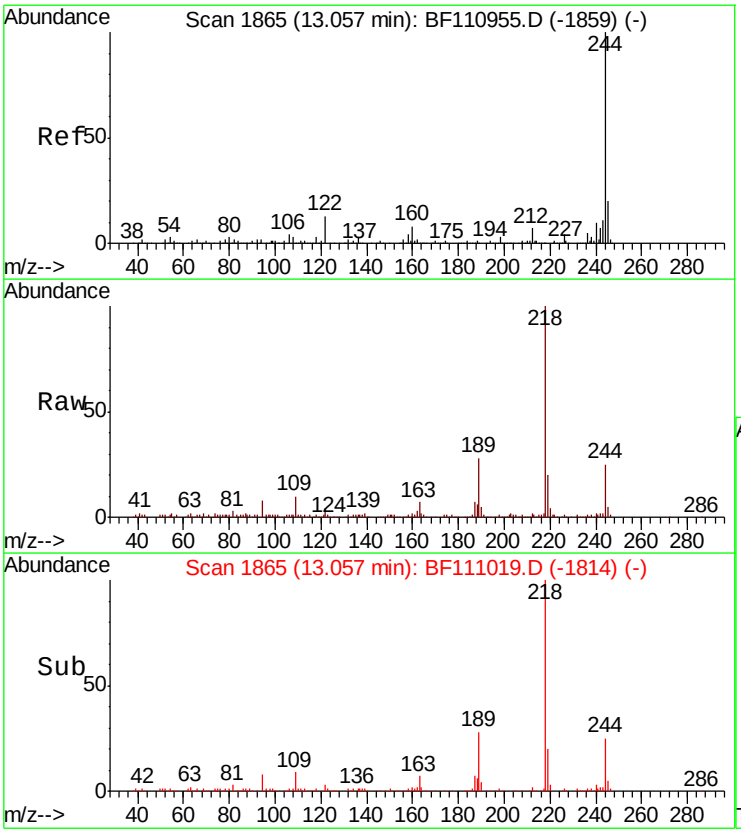
#78
Pyrene
Concen: 382.046 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.03 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion:202 Resp: 2740218

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.6
203	18.9	14.2	21.4

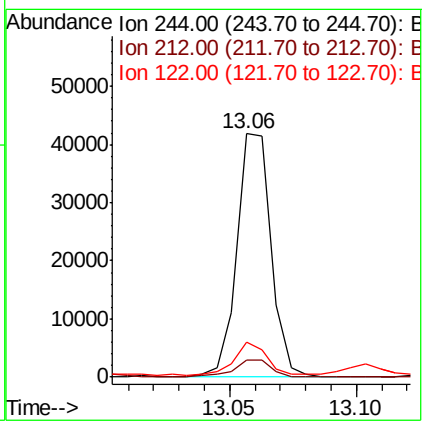


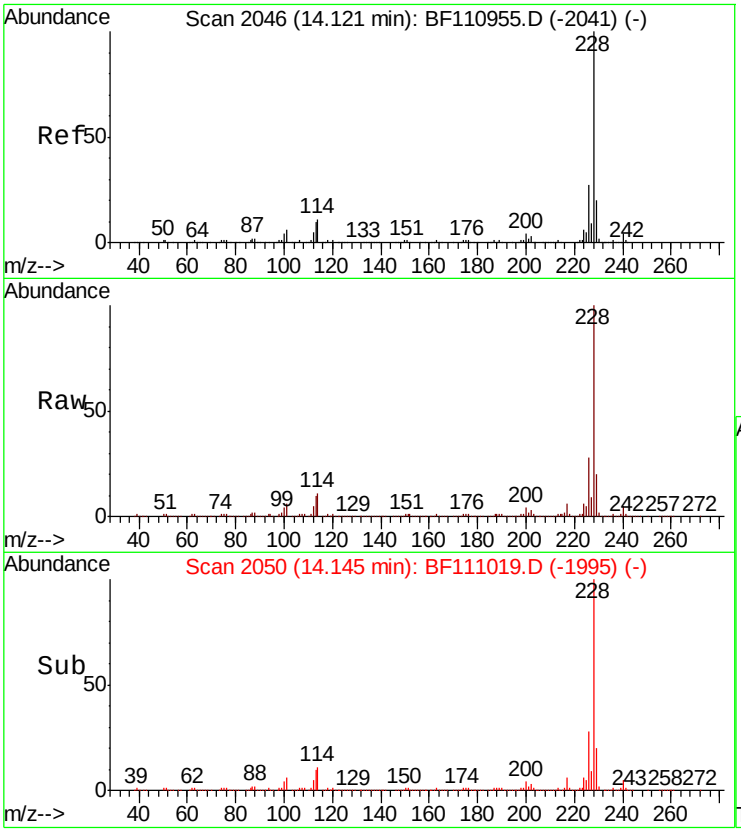


#79
Terphenyl-d14
Concen: 7.760 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Tgt Ion:244 Resp: 39145

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	14.2	8.7	13.1#



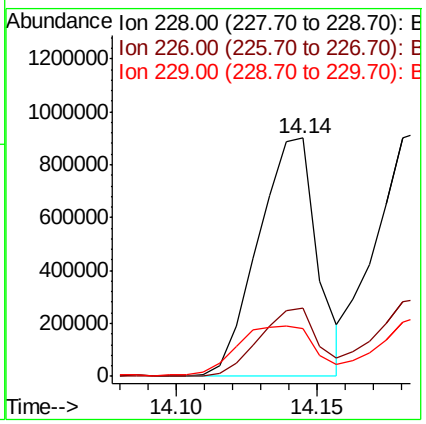


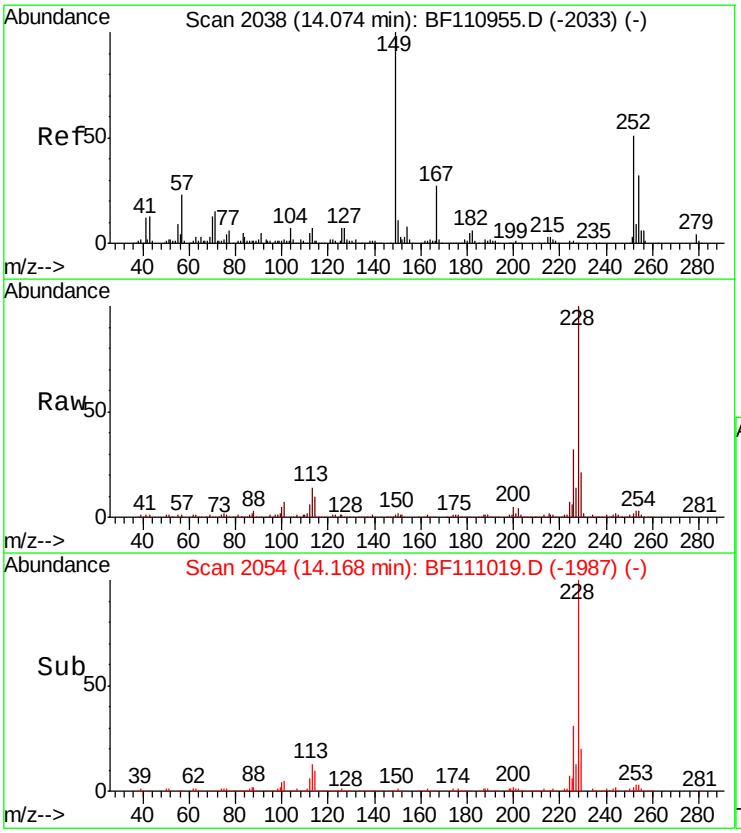
#81
Benzo(a)anthracene
Concen: 224.742 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.02 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion:228 Resp: 1303003

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	20.3	15.6	23.4

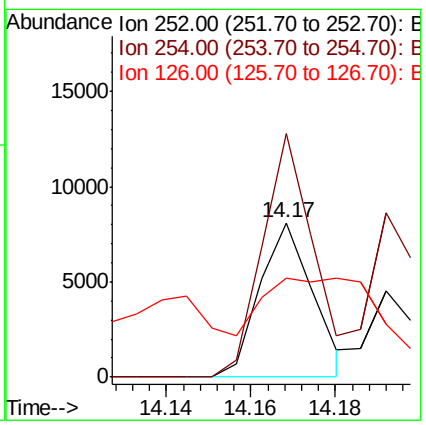


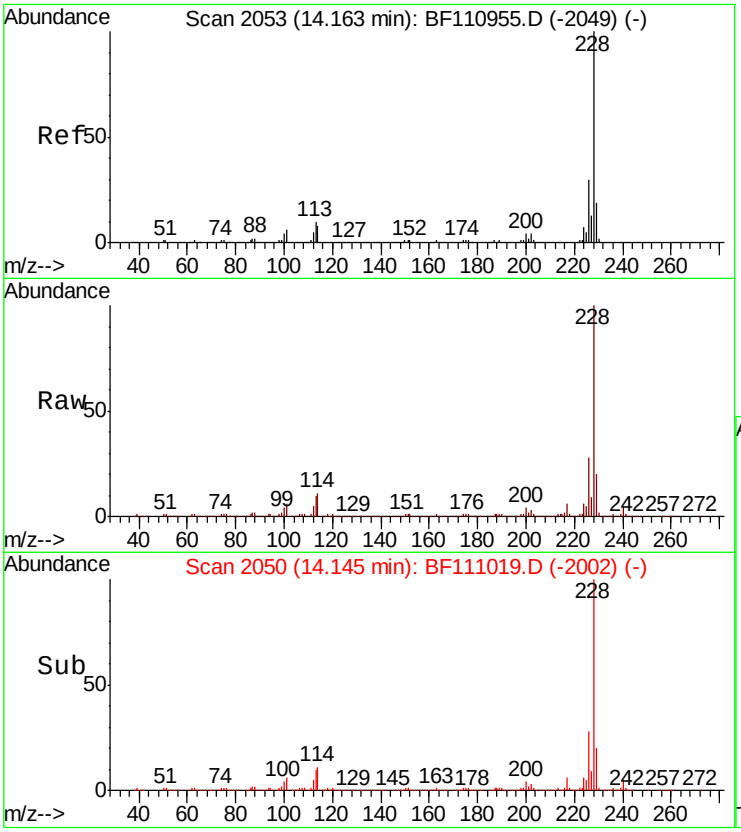


#82
3,3'-Dichlorobenzidine
Concen: 3.588 ng
RT: 14.17 min Scan# 2054
Delta R.T. 0.09 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Tgt Ion:252 Resp: 7132

Ion	Ratio	Lower	Upper
252	100		
254	157.9	51.3	76.9#
126	63.8	9.4	14.2#



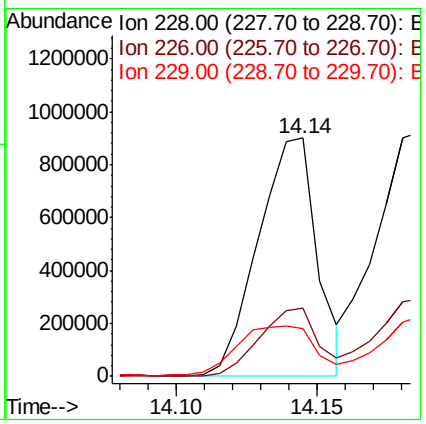


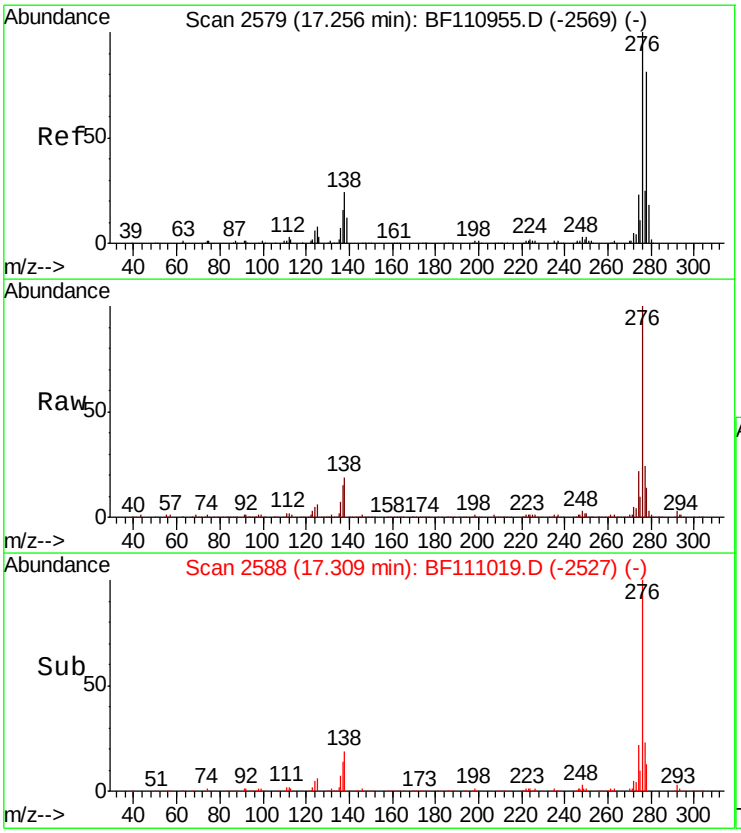
#83
Chrysene
Concen: 228.300 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion:228 Resp: 1303003

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.7	37.1
229	20.3	15.9	23.9

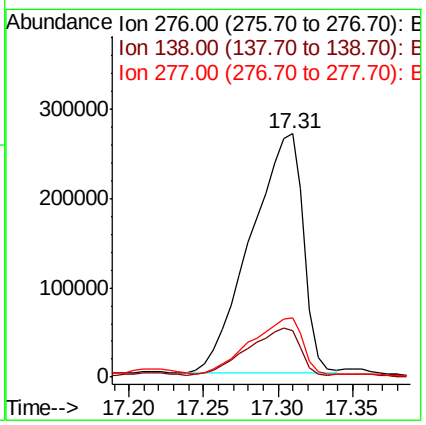


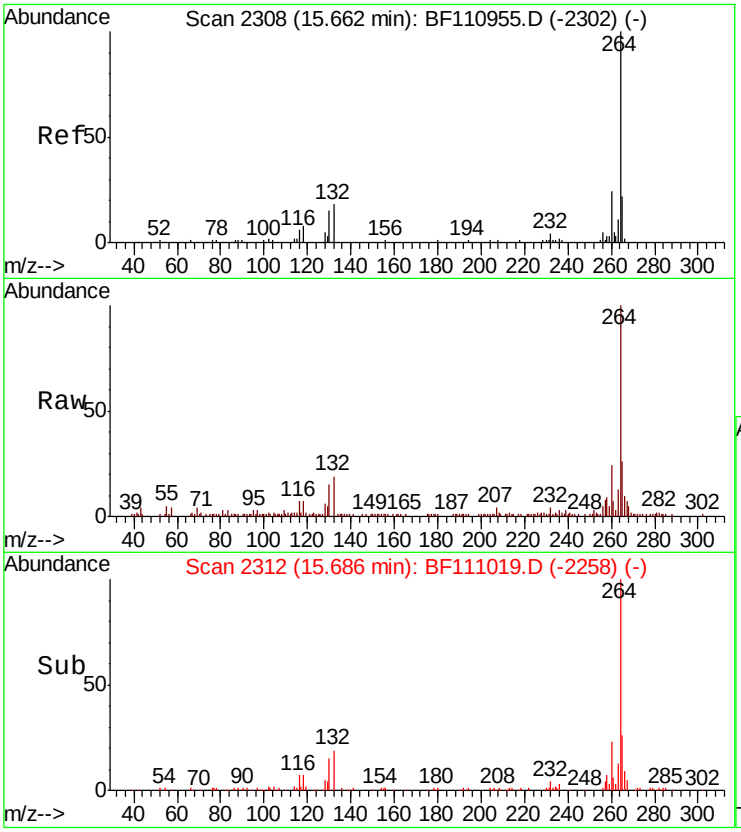


#86
Indeno(1,2,3-cd)pyrene
Concen: 160.122 ng
RT: 17.31 min Scan# 2588
Delta R.T. 0.06 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Tgt Ion:276 Resp: 655985

Ion	Ratio	Lower	Upper
276	100		
138	20.0	18.5	27.7
277	23.5	20.0	30.0



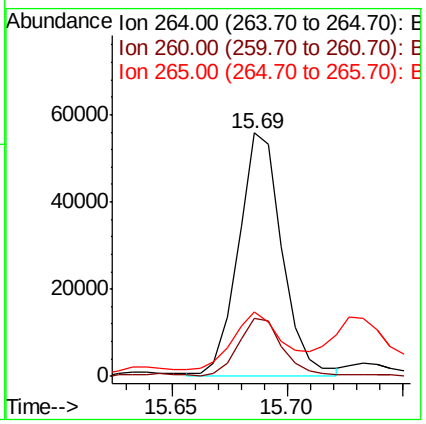


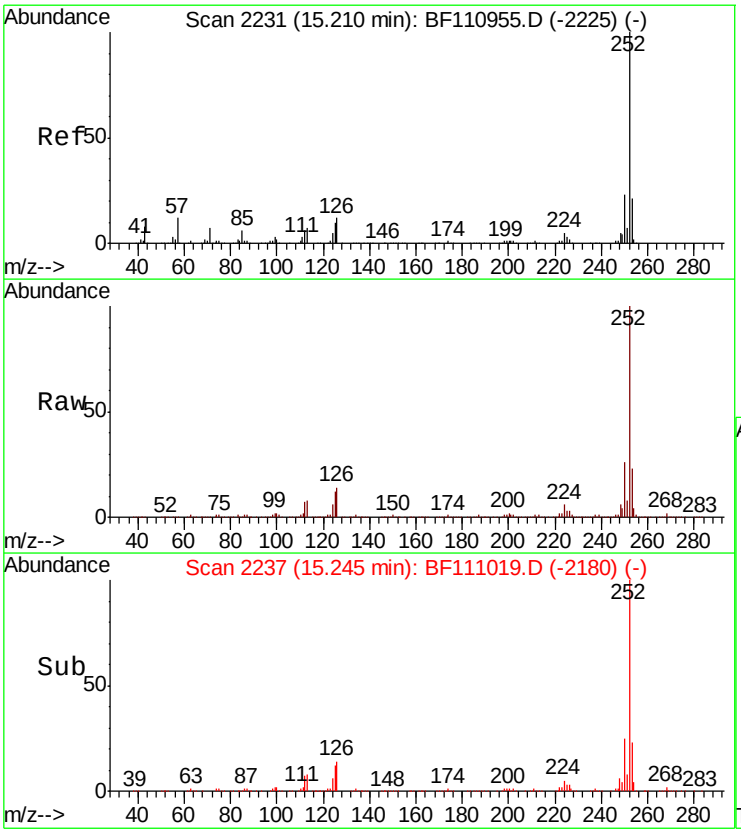
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.02 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion:264 Resp: 73420

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	26.2	16.7	25.1#

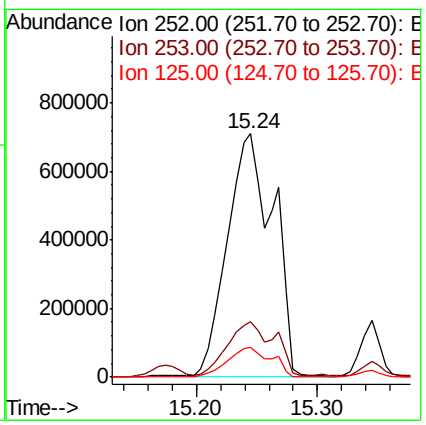


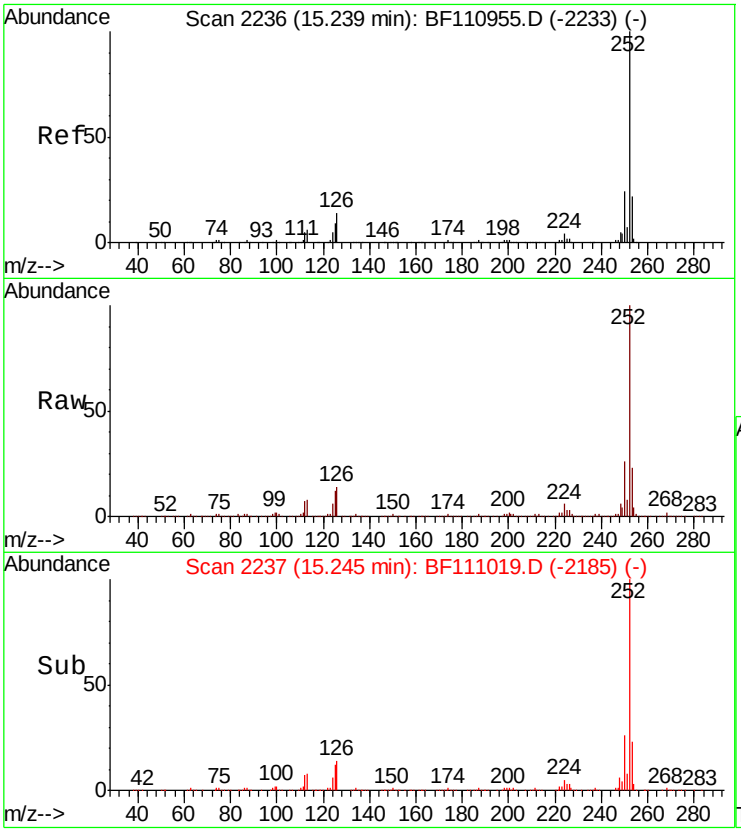


#88
Benzo(b)fluoranthene
Concen: 433.800 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.04 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Tgt Ion:252 Resp: 1871038

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	12.1	8.2	12.4



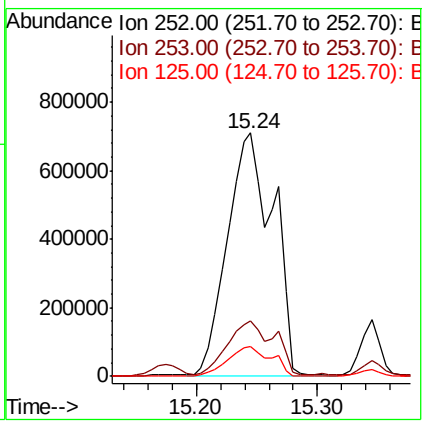


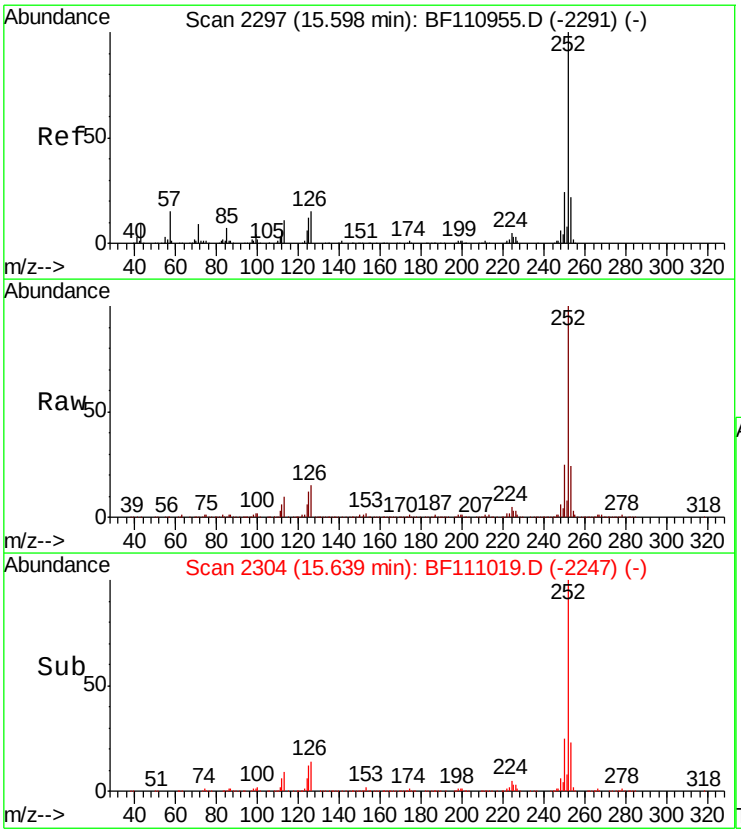
#89
Benzo(k)fluoranthene
Concen: 421.456 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion:252 Resp: 1871038

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	12.1	7.4	11.0#

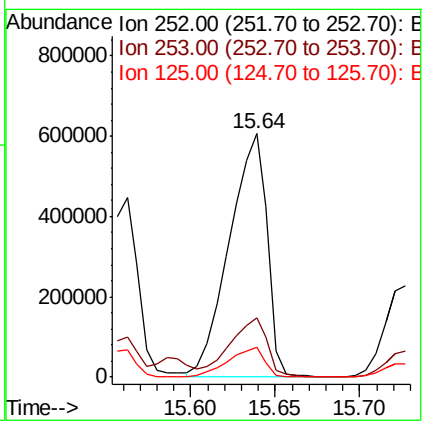


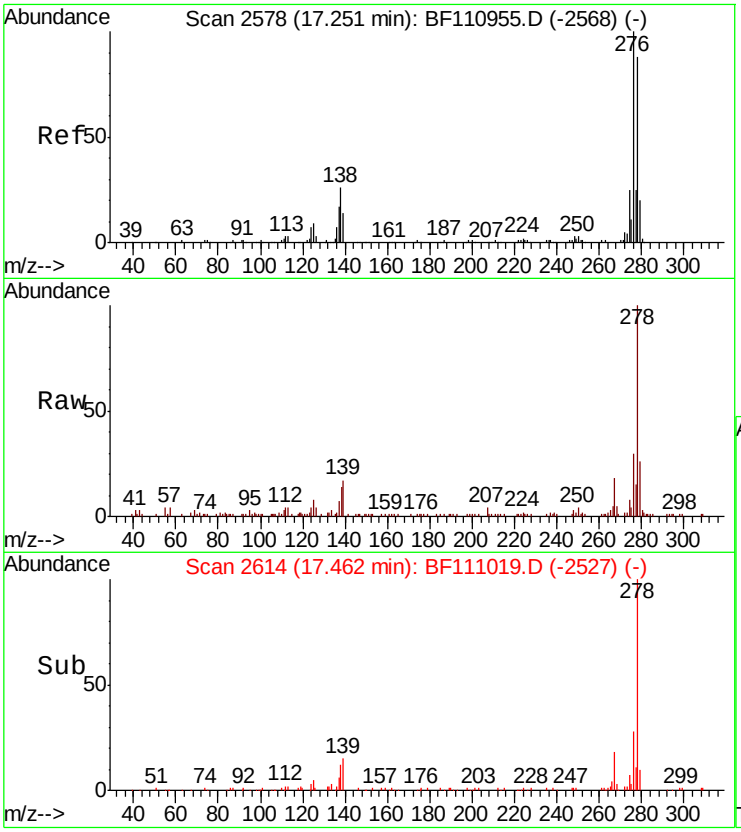


#90
Benzo(a)pyrene
Concen: 234.397 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.04 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Tgt Ion:252 Resp: 941060

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.4
125	12.0	9.0	13.6



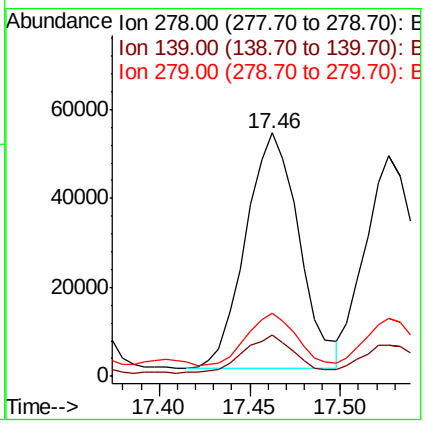


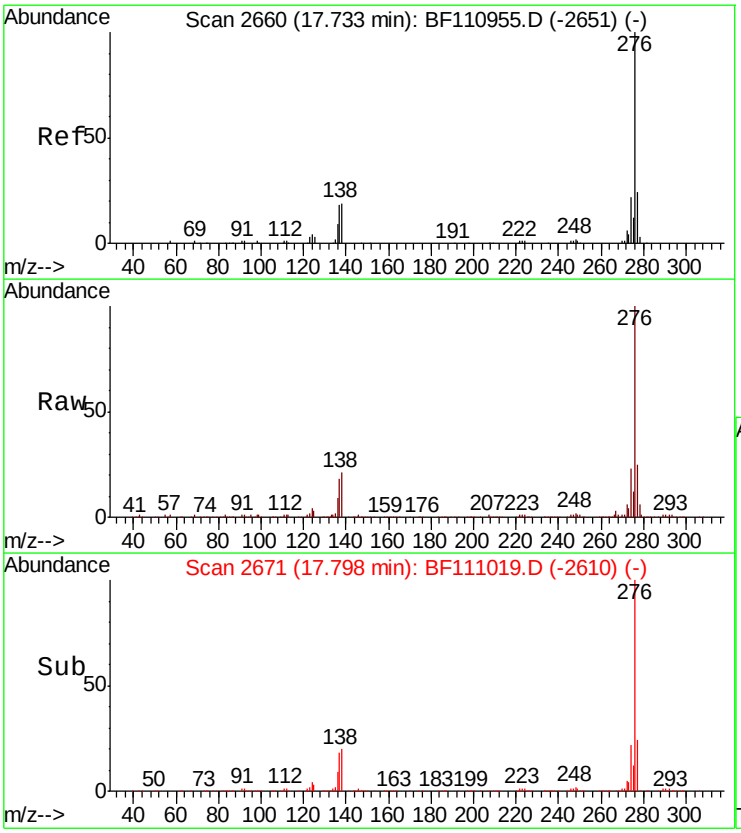
#91
Dibenzo(a,h)anthracene
Concen: 32.904 ng
RT: 17.46 min Scan# 2614
Delta R.T. 0.21 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion:278 Resp: 108997

Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.7	19.1
279	26.2	19.0	28.4





#92
Benzo(g,h,i)perylene
Concen: 197.394 ng
RT: 17.80 min Scan# 2671
Delta R.T. 0.06 min
Lab File: BF111019.D
Acq: 27 Nov 2018 19:37

Tgt Ion:276 Resp: 630462

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	20.6	16.0	24.0