Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
Data File : BF110906.D
Acq On : 20 Nov 2018 20:40
Operator : JU/SJ
Sample : J5981-03DL 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DTW-02(11-13)MSDL

Quant Time: Nov 21 04:22:28 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	6.95	152	54571	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	221645	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	86692	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	147438	20.00	ng		0.00
76) Chrysene-d12	14.13	240	114563	20.00	ng		0.00
87) Perylene-d12	15.67	264	79937	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	9136	2.72	ng		0.03
7) Phenol-d6	6.59	99	12047	2.80	ng		0.02
23) Nitrobenzene-d5	7.53	82	7583	1.97	ng		0.01
42) 2,4,6-Tribromophenol	10.79	330	2088	2.39	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	14028	2.31	ng		0.00
79) Terphenyl-d14	13.06	244	12618	2.06	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.55	77	824	Below Cal		#	78
31) Naphthalene	8.25	128	90615	8.709	ng		99
33) 4-Chloroaniline	8.25	127	11306	2.399	ng	#	33
37) 2-Methylnaphthalene	8.95	142	17707	2.596	ng		96
38) 1-Methylnaphthalene	9.04	142	16422	2.503	ng		92
49) Acenaphthylene	9.85	152	68823	8.202	ng		98
52) Acenaphthene	10.02	154	19603	3.697	ng		96
55) Dibenzofuran	10.19	168	45379	5.849	ng		97
56) 4-Nitrophenol	10.19	139	18278	16.712	ng	#	9
58) Fluorene	10.53	166	64555	10.833	ng		99
60) Diethylphthalate	10.39	149	13039	2.037	ng		99
71) Phenanthrene	11.50	178	346152	43.822	ng		100
72) Anthracene	11.56	178	132881	16.677	ng		99
73) Carbazole	11.72	167	29766	3.890	ng		99
75) Fluoranthene	12.70	202	441336	55.730	ng		98
78) Pyrene	12.93	202	341537	38.718	ng		99
81) Benzo(a)anthracene	14.12	228	149572	21.843	ng		98
83) Chrysene	14.16	228	120518	18.474	ng		98
86) Indeno(1,2,3-cd)pyrene	17.26	276	45473	9.714	ng		96
88) Benzo(b)fluoranthene	15.21	252	153252	32.047	ng		96
89) Benzo(k)fluoranthene	15.21	252	153252	32.432	ng	#	95
90) Benzo(a)pyrene	15.60	252	80687	18.571	ng		99
91) Dibenzo(a,h)anthracene	17.26	278	14017	3.812	ng	#	80
92) Benzo(g,h,i)perylene	17.74	276	39629	10.863	ng		100

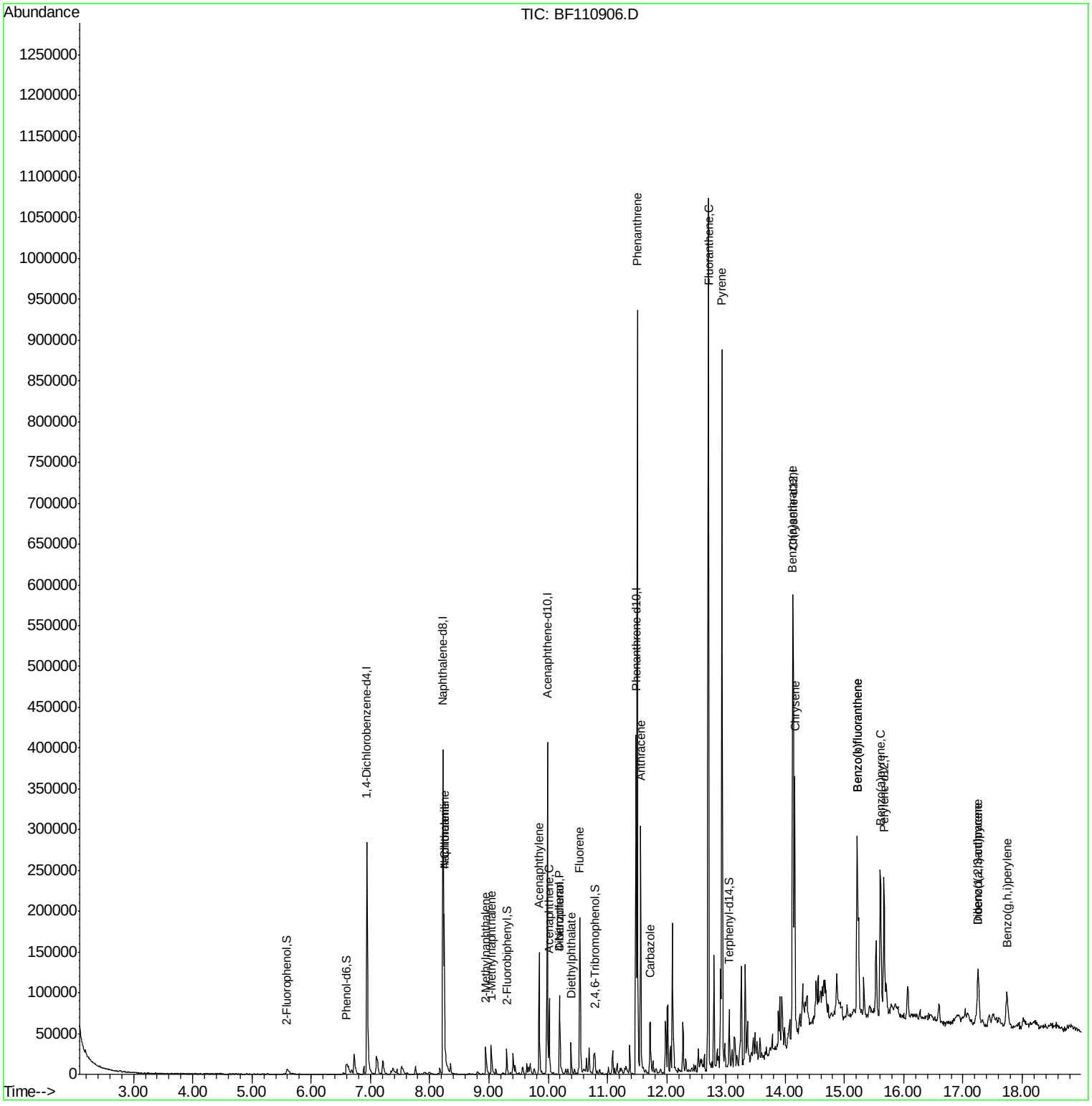
(#) = qualifier out of range (m) = manual integration (+) = signals summed

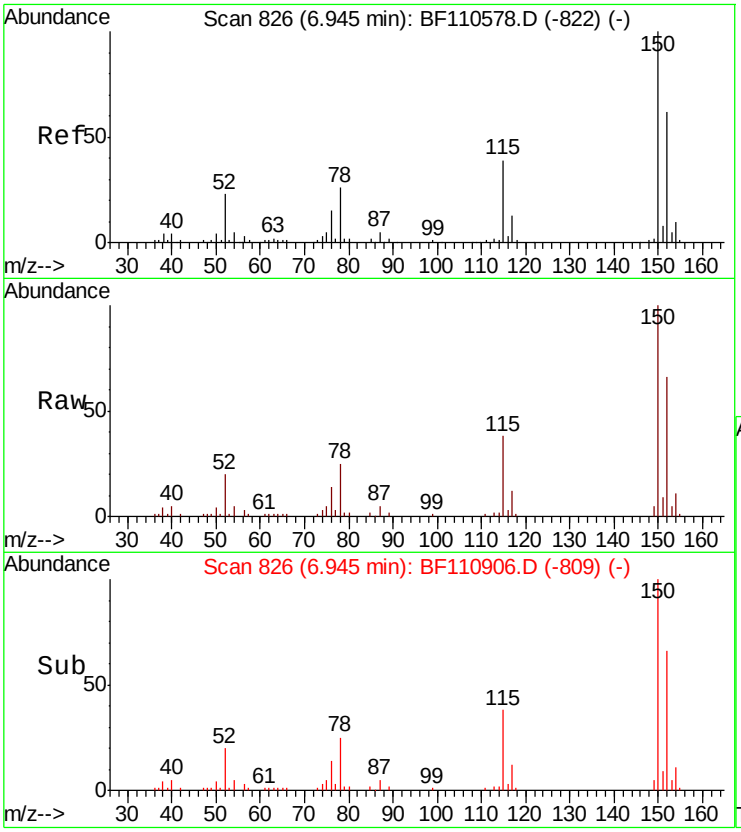
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
Data File : BF110906.D
Acq On : 20 Nov 2018 20:40
Operator : JU/SJ
Sample : J5981-03DL 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Quant Time: Nov 21 04:22:28 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



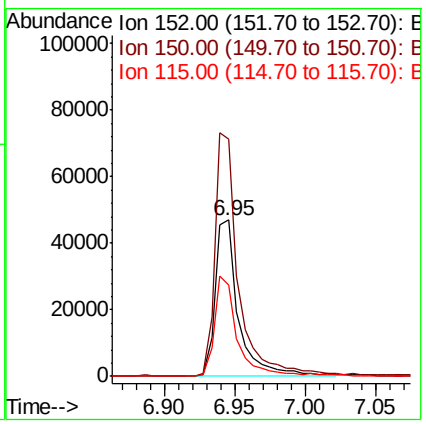


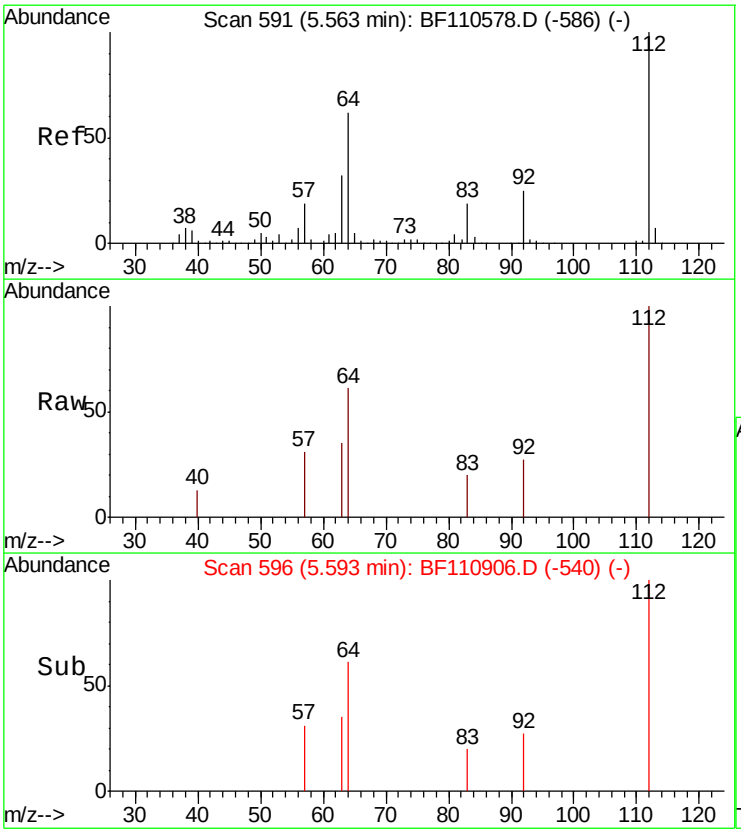
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Tgt Ion:152 Resp: 54571

Ion	Ratio	Lower	Upper
152	100		
150	151.4	122.7	184.1
115	58.2	49.1	73.7

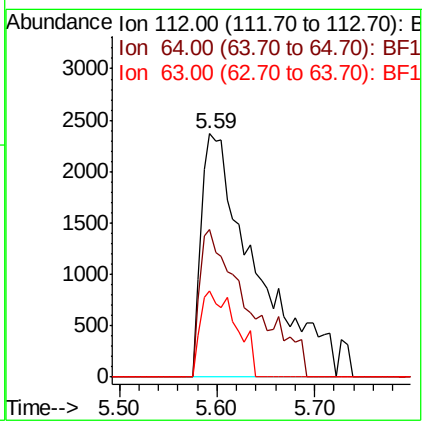


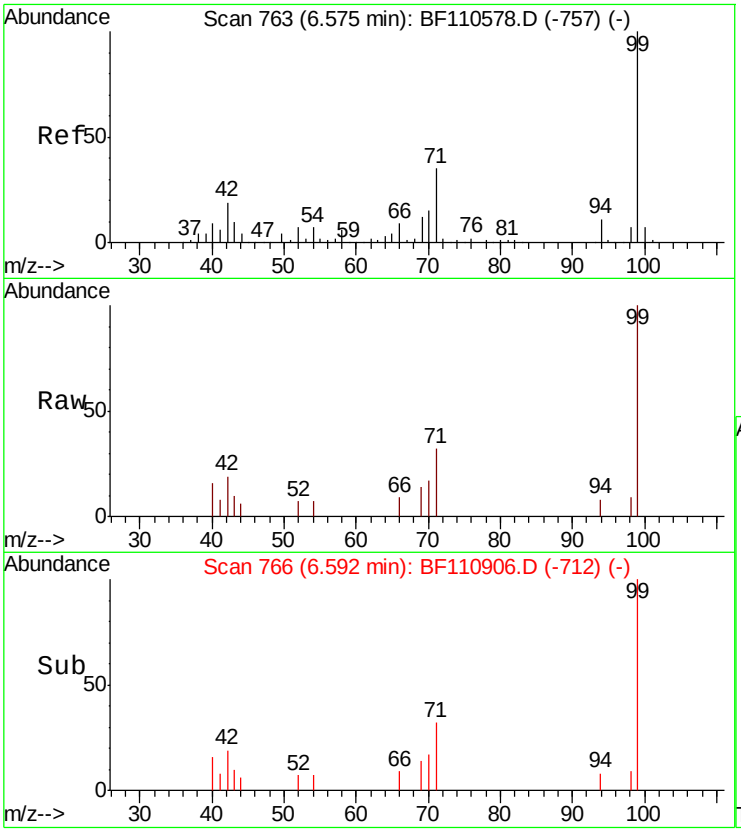


#5
2-Fluorophenol
Concen: 2.719 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.03 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Tgt Ion:112 Resp: 9136

Ion	Ratio	Lower	Upper
112	100		
64	60.5	44.1	66.1
63	35.3	23.7	35.5



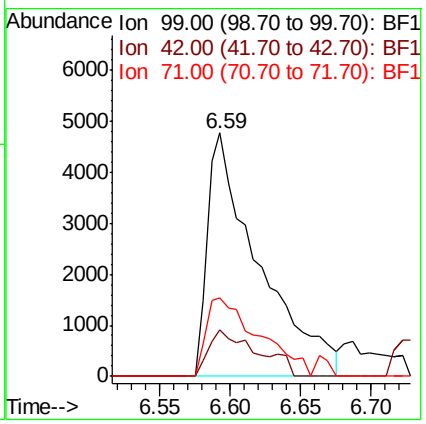


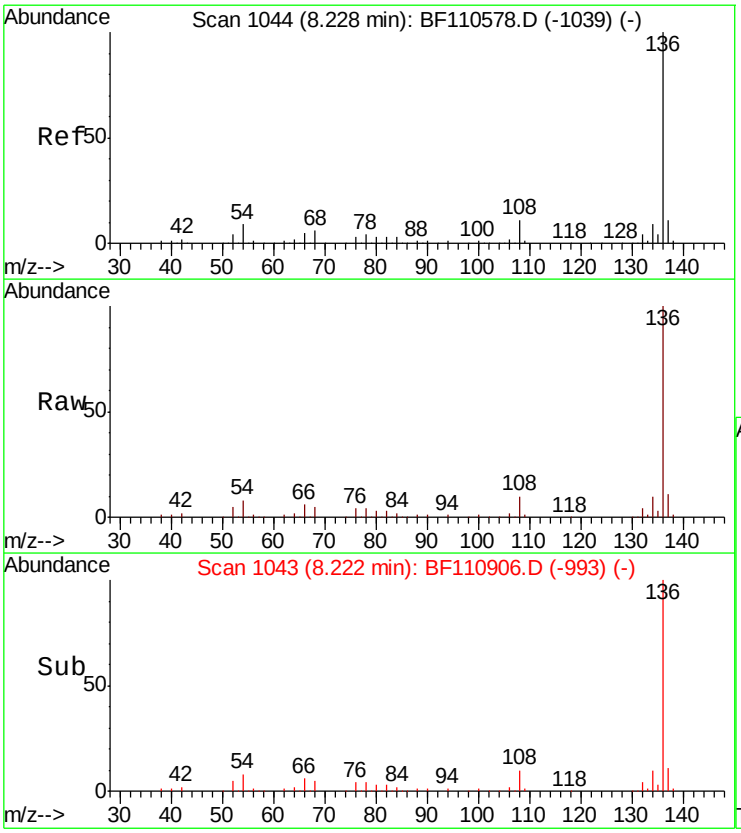
#7
Phenol-d6
Concen: 2.804 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.02 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Tgt Ion: 99 Resp: 12047

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	32.1	28.0	42.0

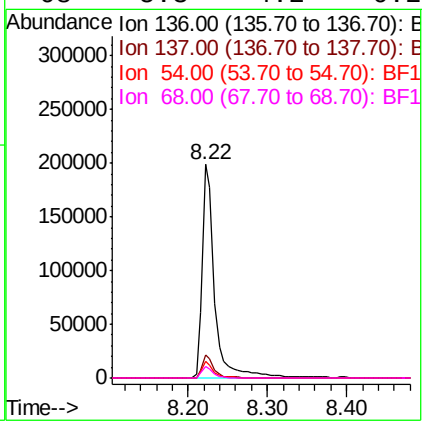


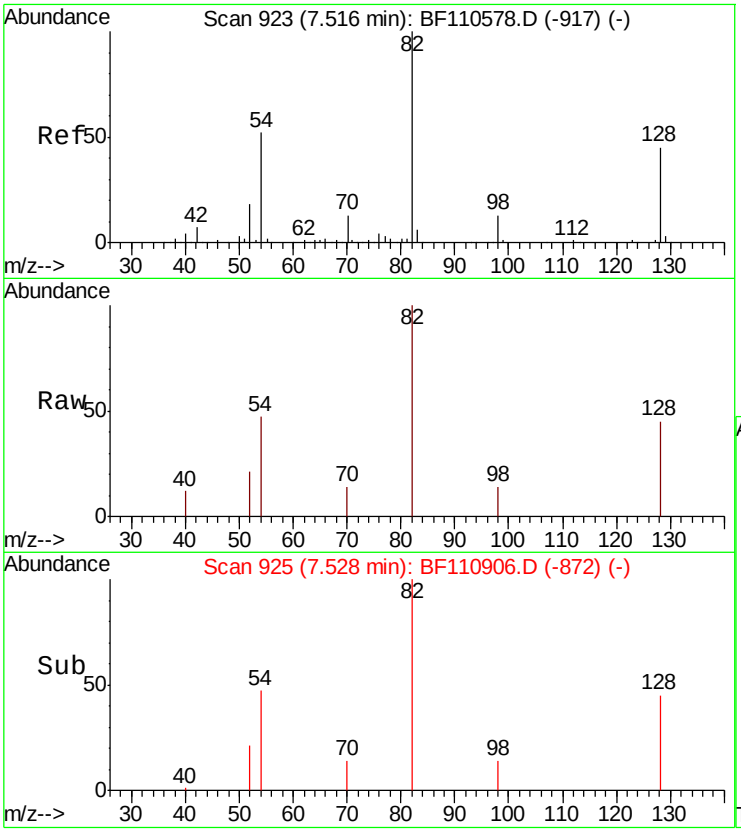


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Tgt Ion:136 Resp: 221645

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.0	5.4	8.2
68	5.3	4.2	6.2



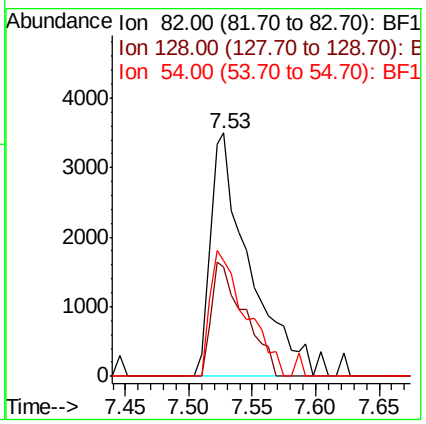


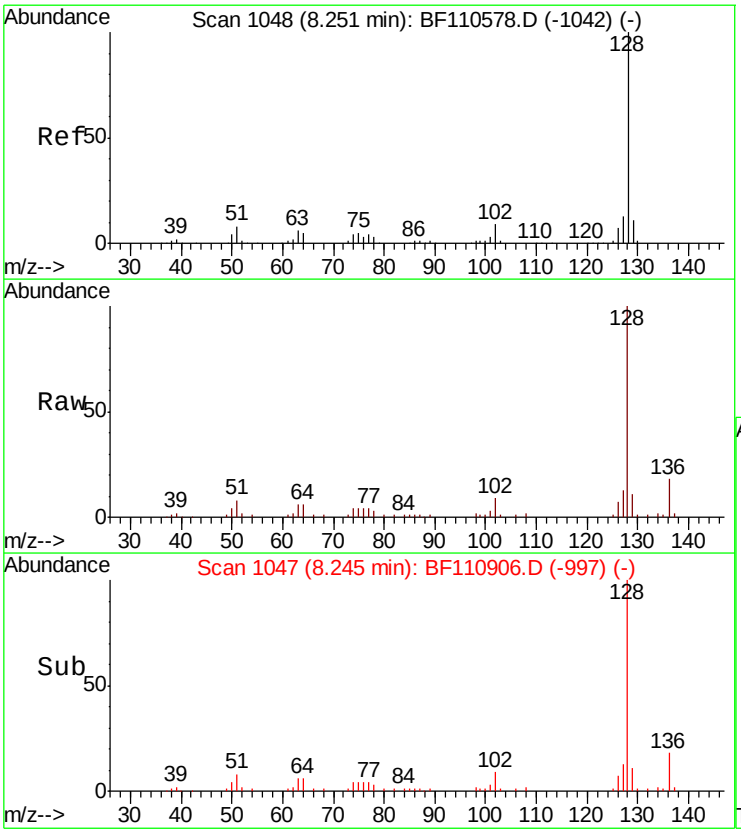
#23
Nitrobenzene-d5
Concen: 1.970 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Tgt Ion: 82 Resp: 7583

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.2	51.2
54	47.4	38.6	58.0

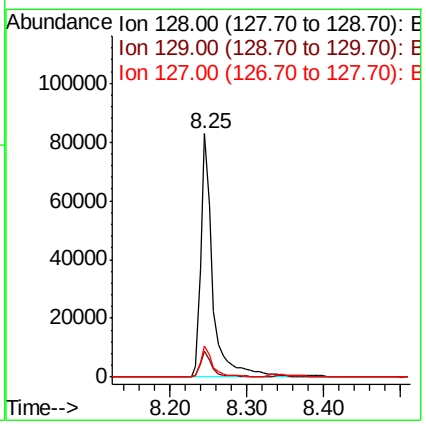


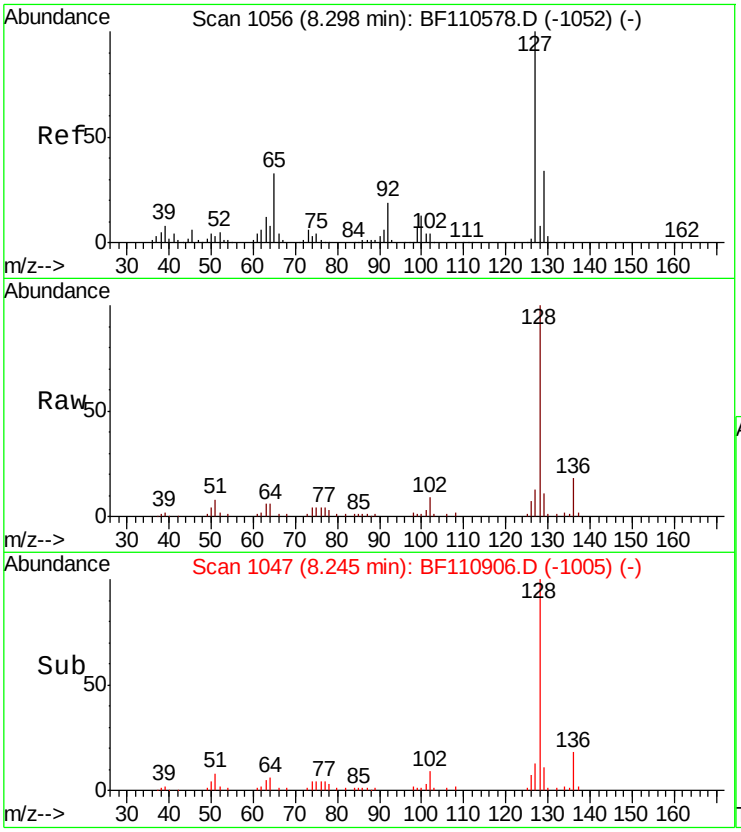


#31
Naphthalene
Concen: 8.709 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Tgt Ion:128 Resp: 90615

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.0	10.8	16.2



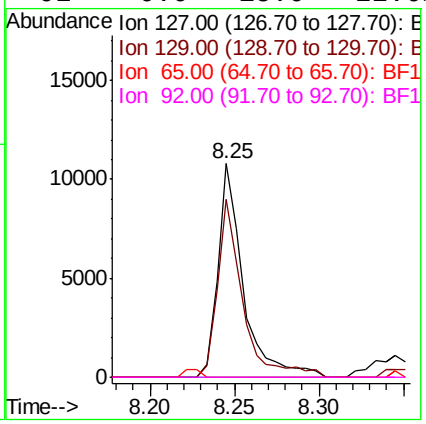


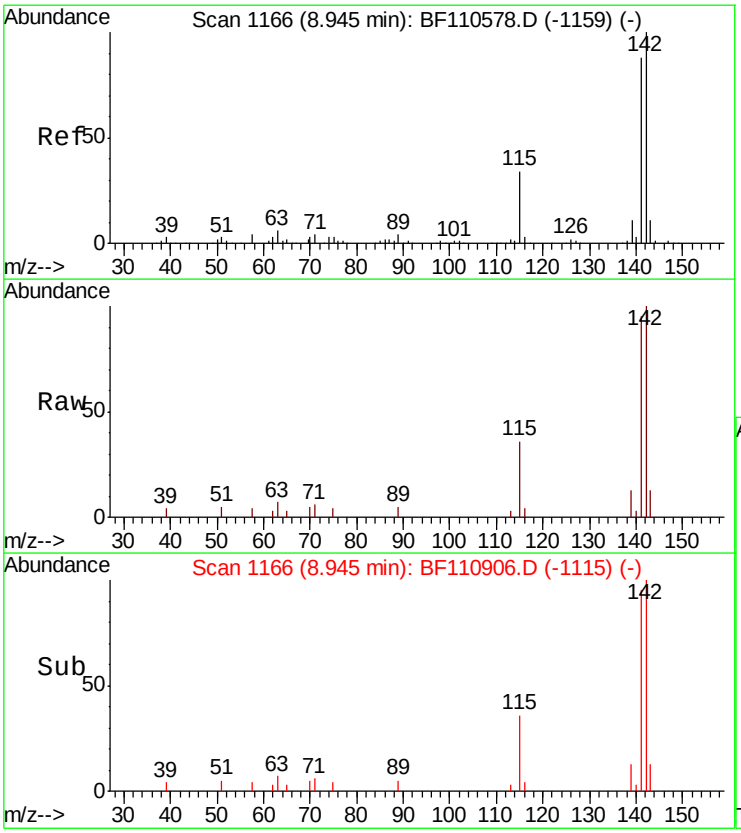
#33
4-Chloroaniline
Concen: 2.399 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.05 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Tgt Ion:127 Resp: 11306

Ion	Ratio	Lower	Upper
127	100		
129	83.3	26.0	39.0#
65	0.0	25.1	37.7#
92	0.0	15.0	22.6#

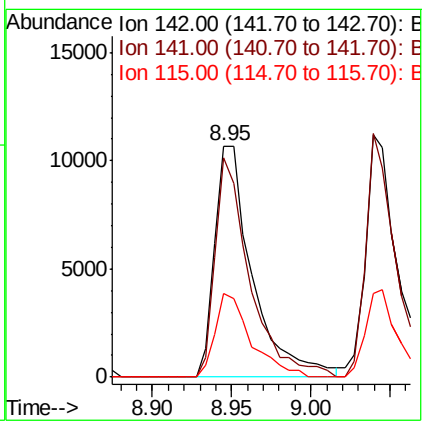


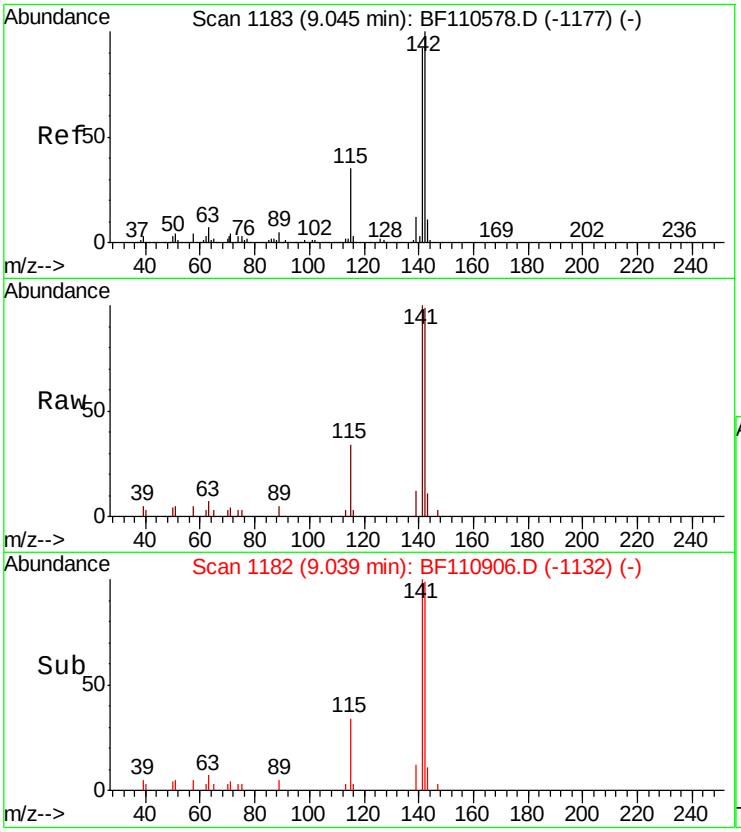


#37
2-Methylnaphthalene
Concen: 2.596 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Tgt Ion:142 Resp: 17707

Ion	Ratio	Lower	Upper
142	100		
141	94.9	71.4	107.2
115	36.1	28.7	43.1



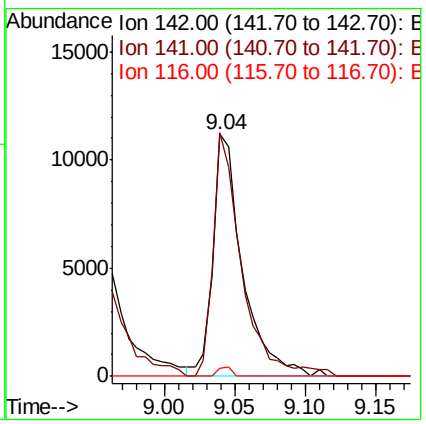


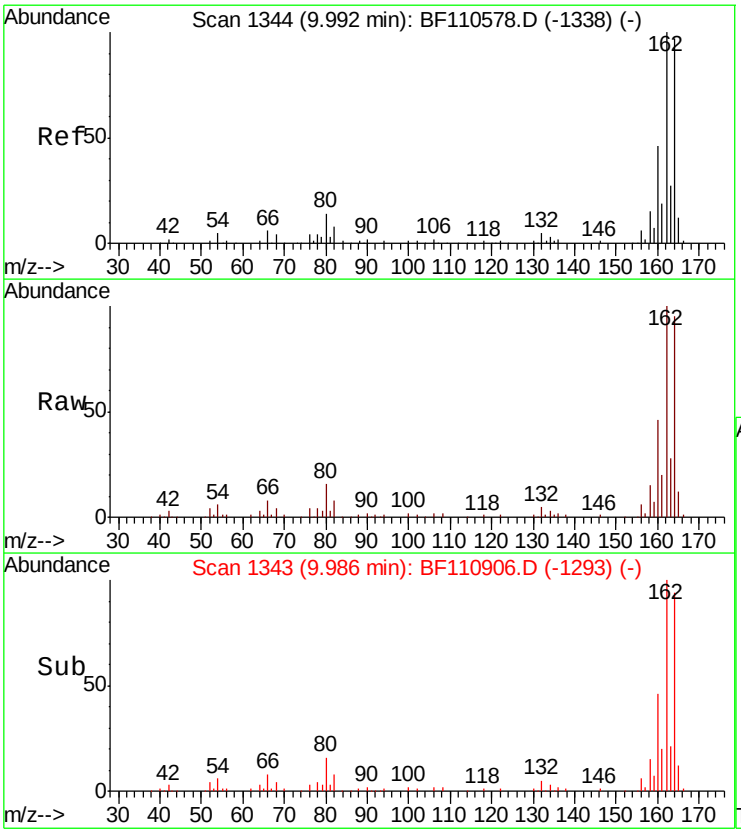
#38
1-Methylnaphthalene
Concen: 2.503 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Tgt Ion:142 Resp: 16422

Ion	Ratio	Lower	Upper
142	100		
141	100.6	74.2	111.4
116	3.1	2.6	4.0

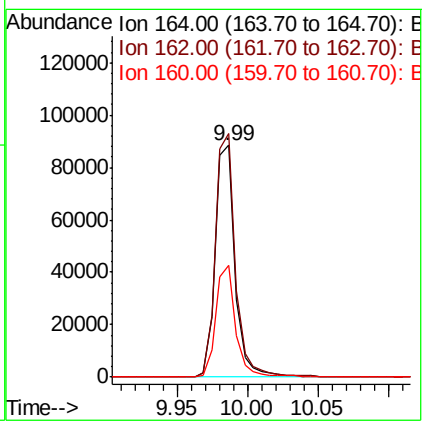


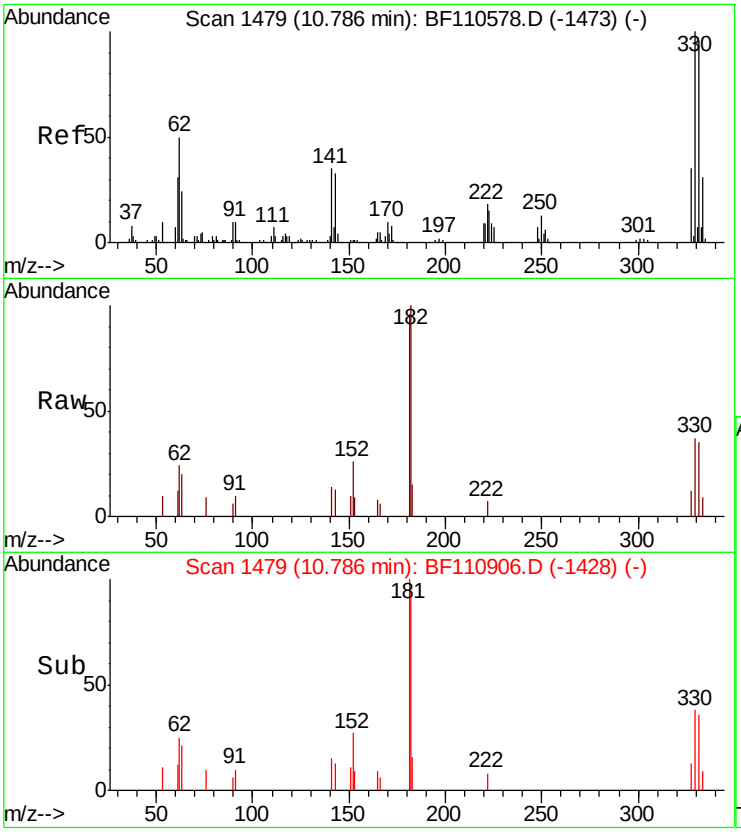


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Tgt Ion:164 Resp: 86692

Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.0	124.6
160	48.0	37.0	55.6



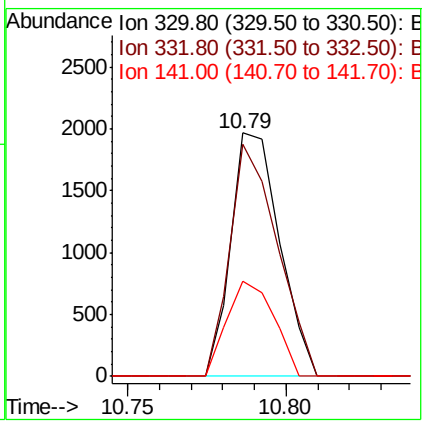


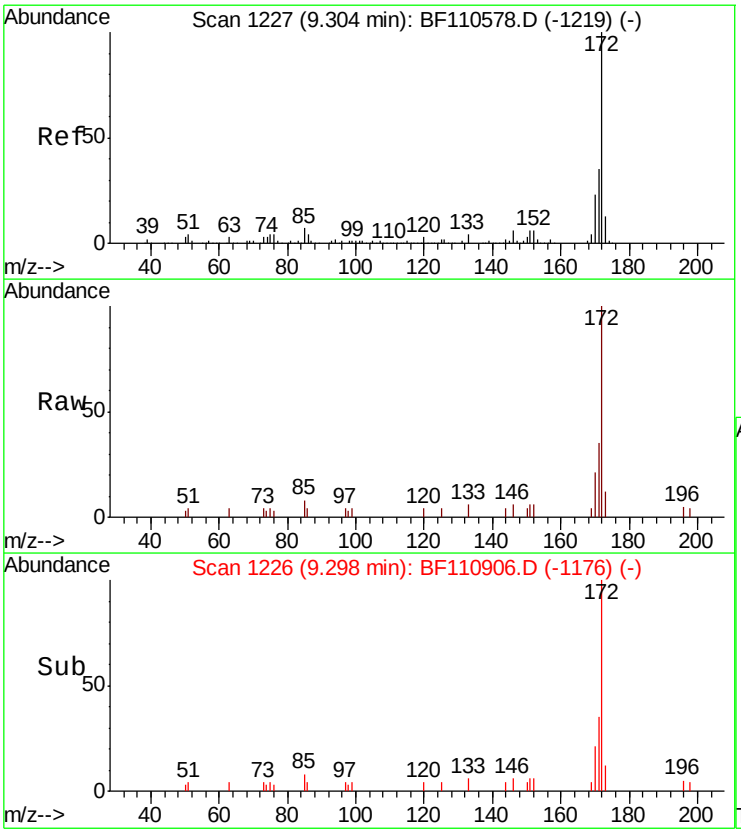
#42
2,4,6-Tribromophenol
Concen: 2.390 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Tgt Ion:330 Resp: 2088

Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.1	115.7
141	37.6	27.0	40.4

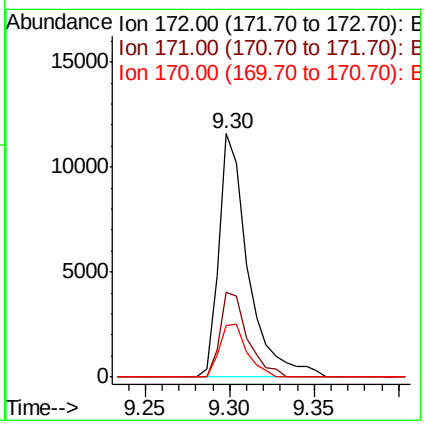


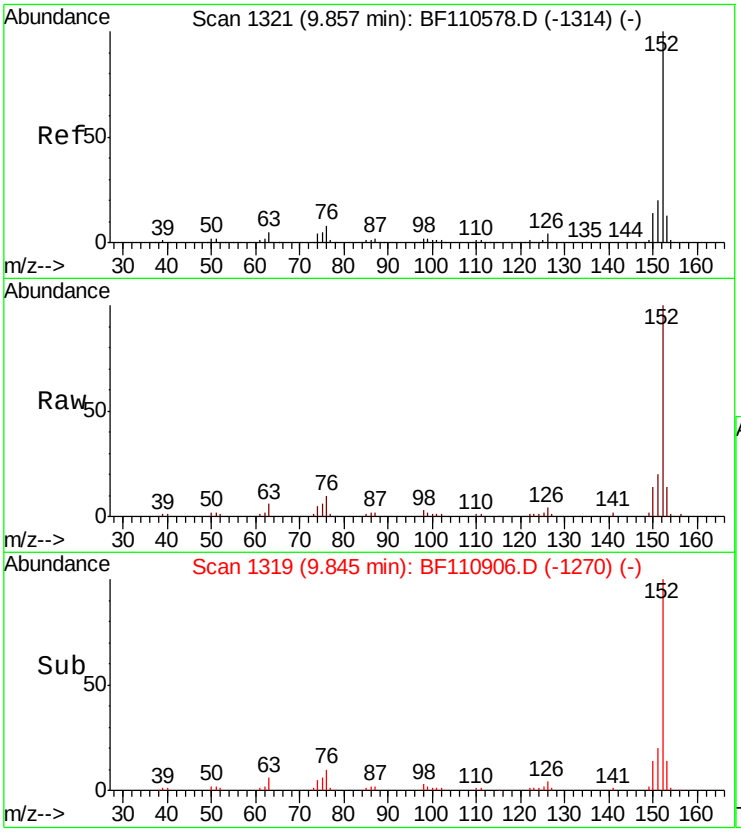


#45
2-Fluorobiphenyl
Concen: 2.311 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Tgt Ion:172 Resp: 14028

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	21.1	19.7	29.5



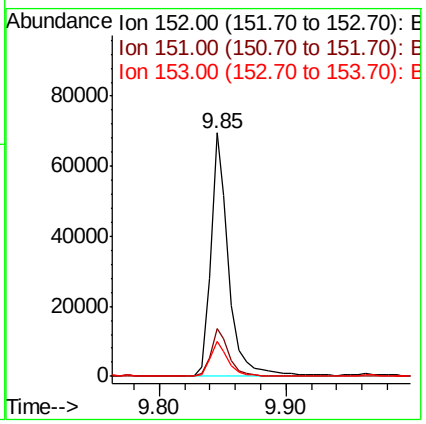


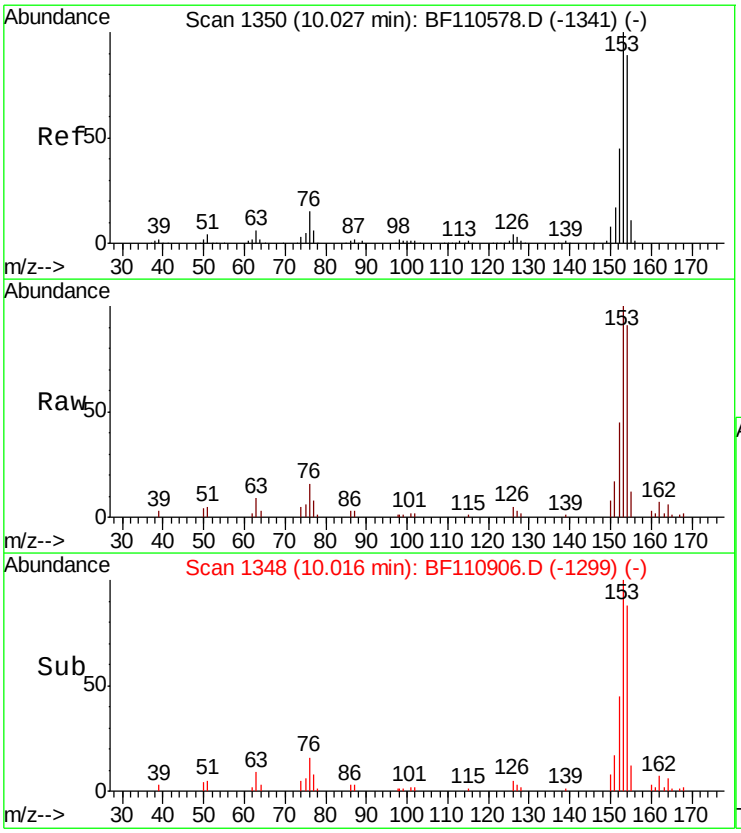
#49
Acenaphthylene
Concen: 8.202 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Tgt Ion:152 Resp: 68823

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	14.4	10.4	15.6

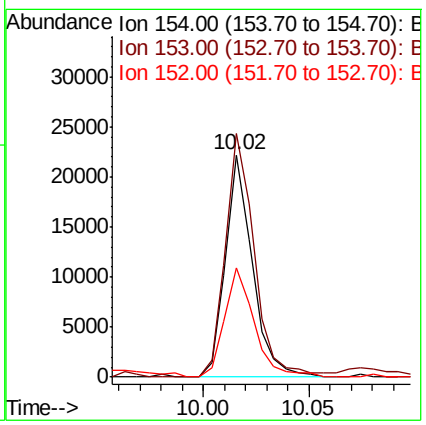


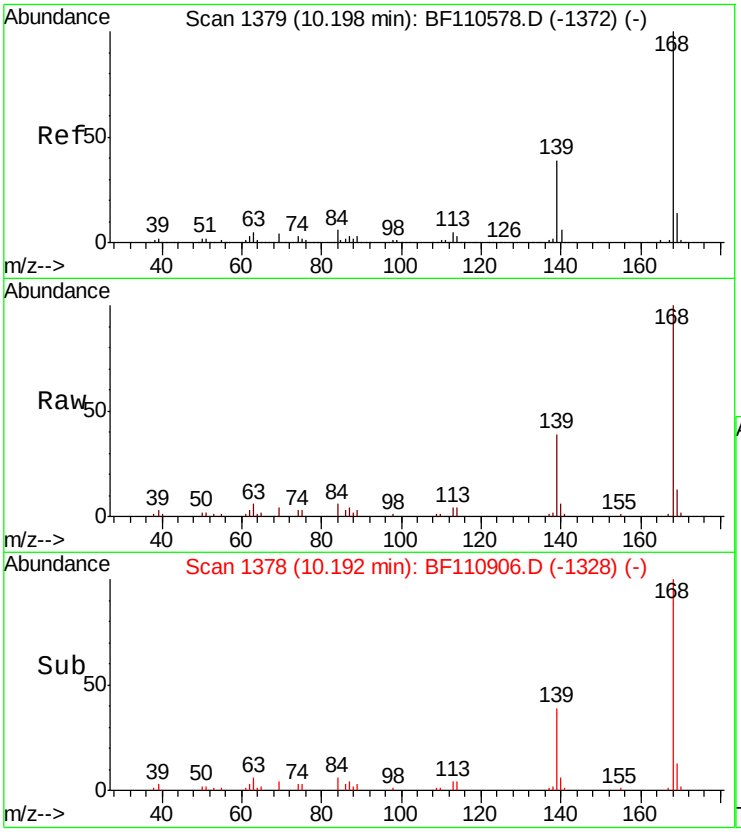


#52
Acenaphthene
Concen: 3.697 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Tgt Ion:154 Resp: 19603

Ion	Ratio	Lower	Upper
154	100		
153	109.7	90.1	135.1
152	49.2	43.4	65.2



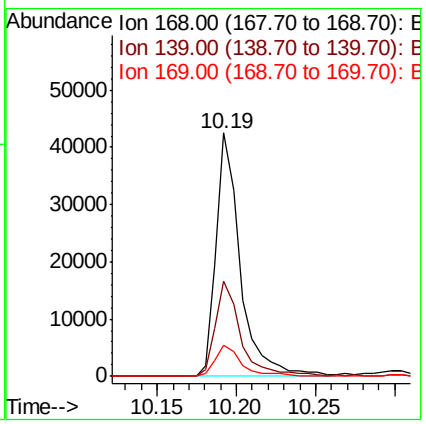


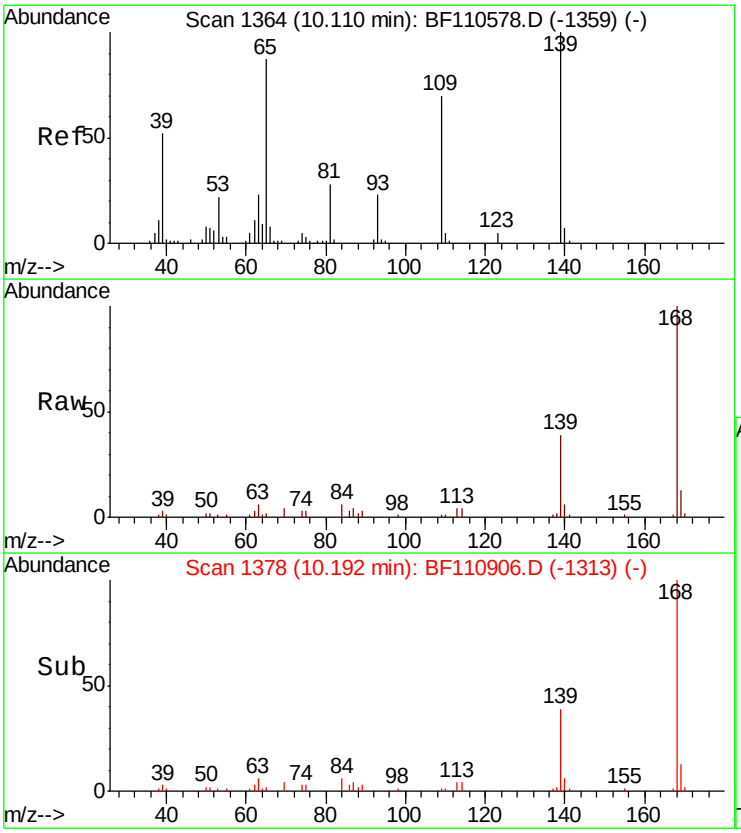
#55
Dibenzofuran
Concen: 5.849 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Tgt Ion:168 Resp: 45379

Ion	Ratio	Lower	Upper
168	100		
139	39.2	33.0	49.6
169	12.7	11.3	16.9

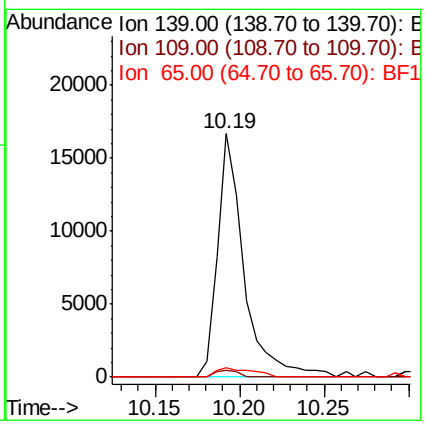


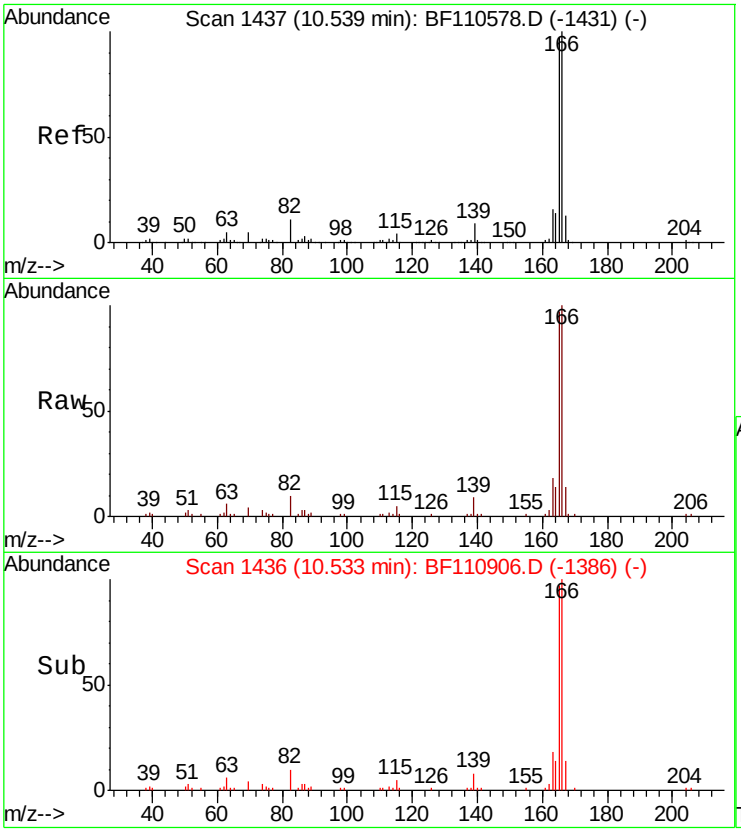


#56
4-Nitrophenol
Concen: 16.712 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.08 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Tgt Ion:139 Resp: 18278

Ion	Ratio	Lower	Upper
139	100		
109	2.6	55.8	95.8#
65	3.9	77.9	117.9#



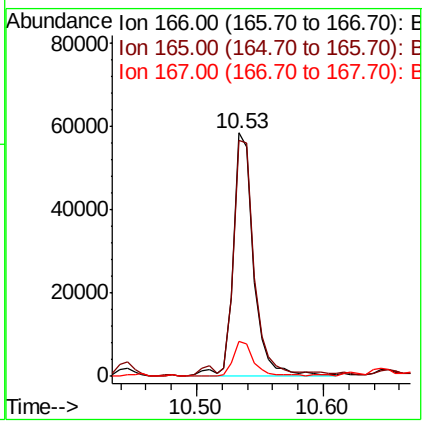


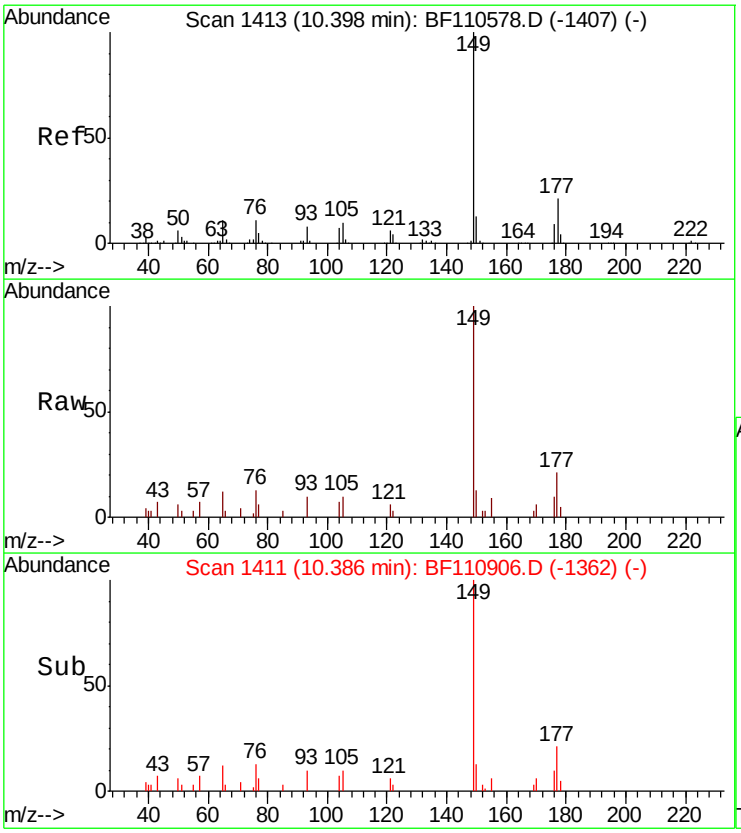
#58
Fluorene
Concen: 10.833 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Tgt Ion:166 Resp: 64555

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.6	117.8
167	14.1	10.8	16.2

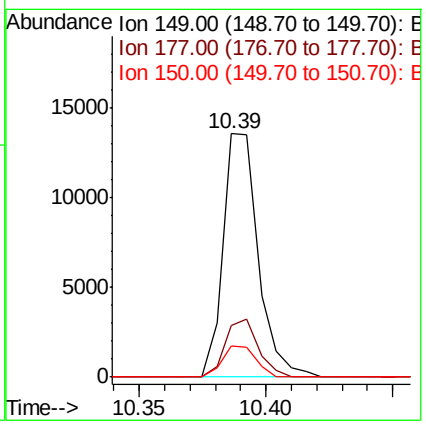


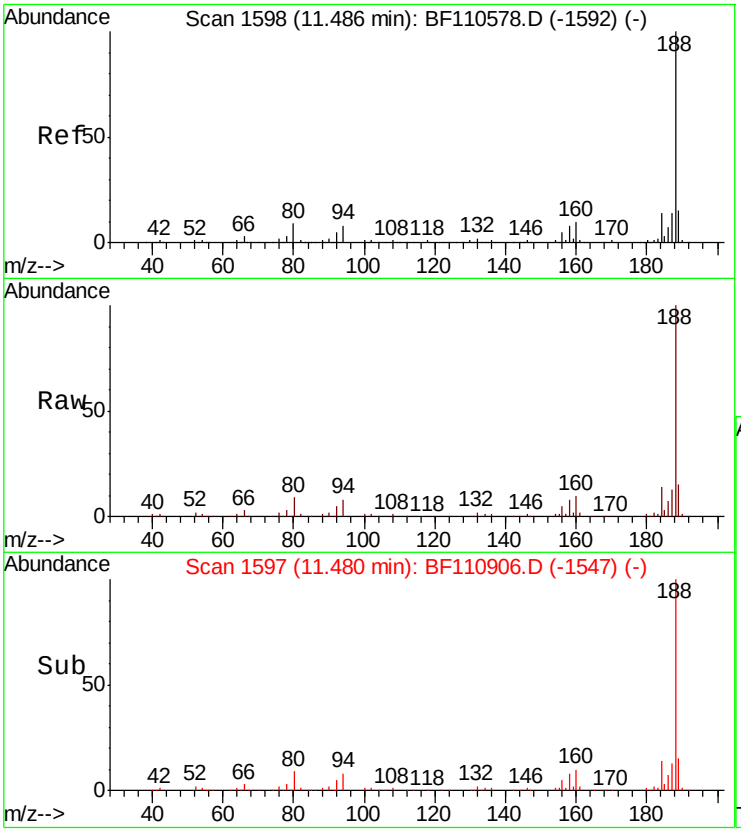


#60
Diethylphthalate
Concen: 2.037 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Tgt Ion:149 Resp: 13039

Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.4	26.2
150	12.8	9.8	14.8



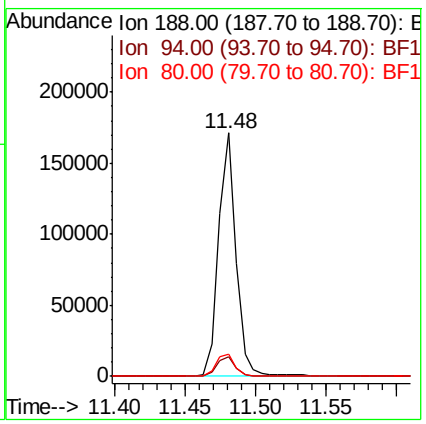


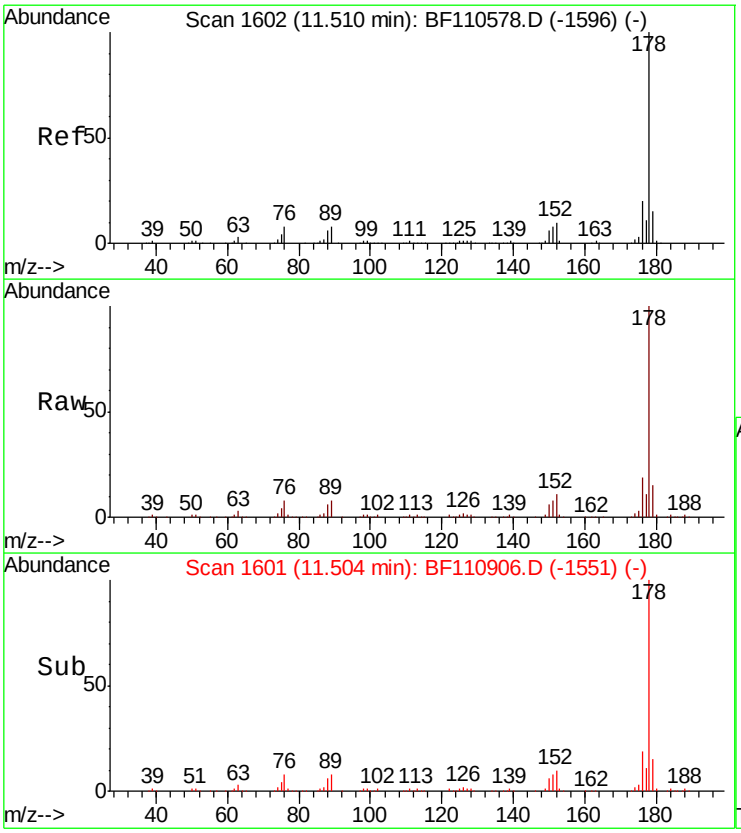
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Tgt Ion:188 Resp: 147438

Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.2	10.8
80	8.9	7.9	11.9

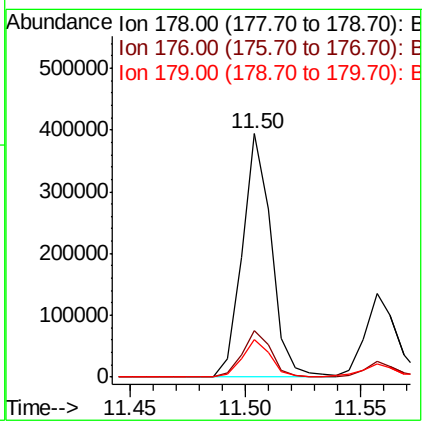


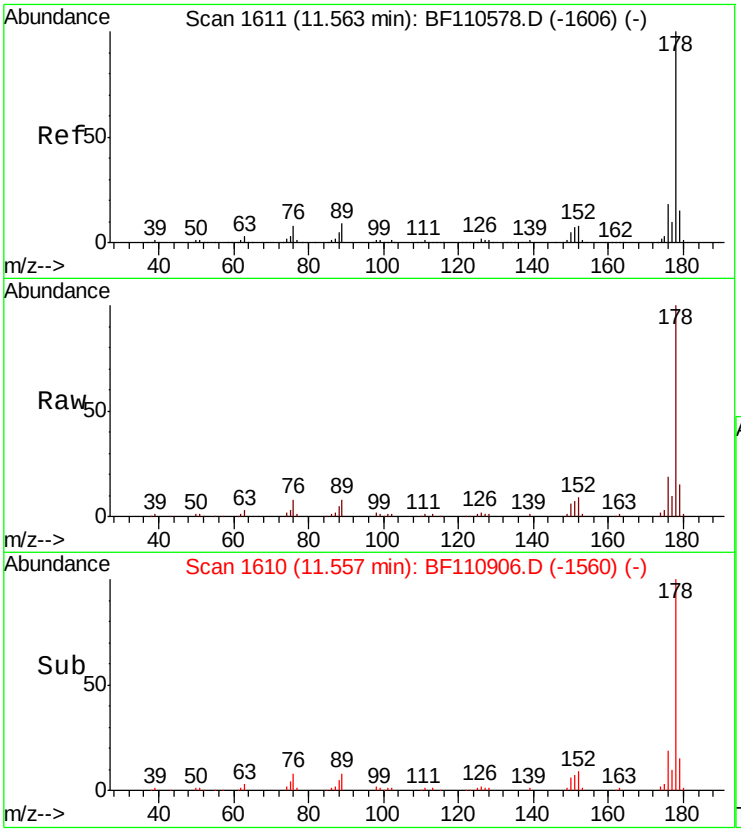


#71
Phenanthrene
Concen: 43.822 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Tgt Ion:178 Resp: 346152

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.5	12.5	18.7



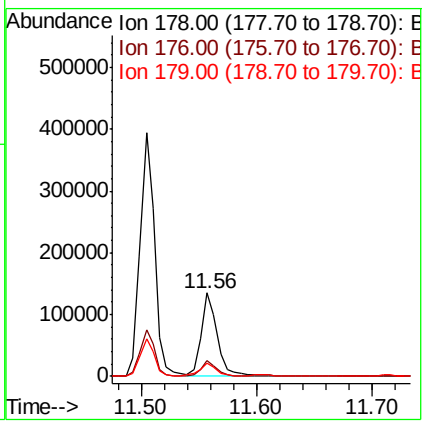


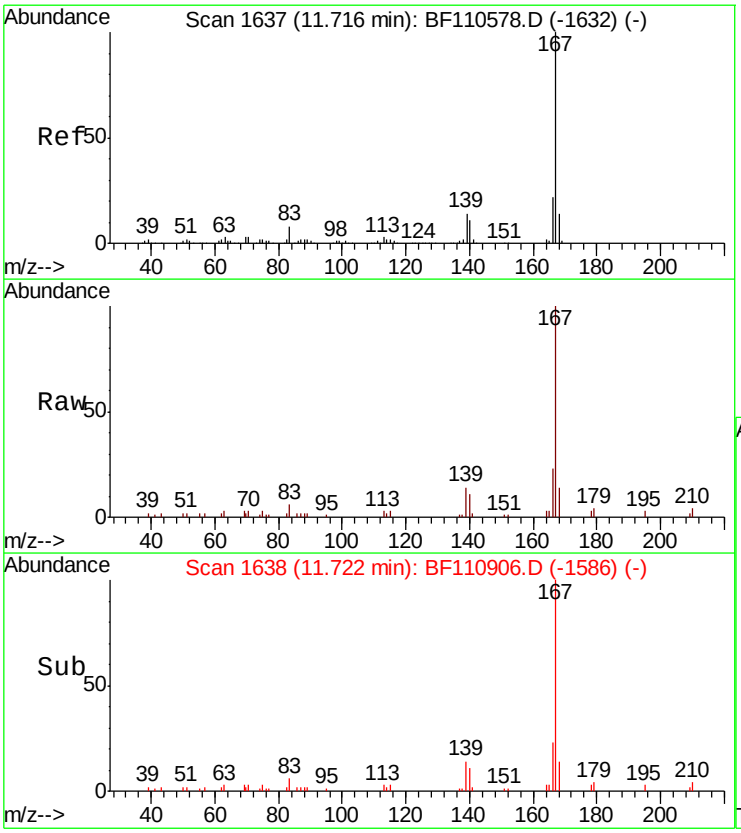
#72
Anthracene
Concen: 16.677 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Tgt Ion:178 Resp: 132881

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.4	12.6	18.8

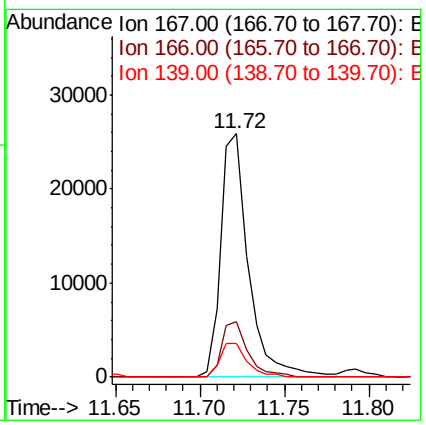


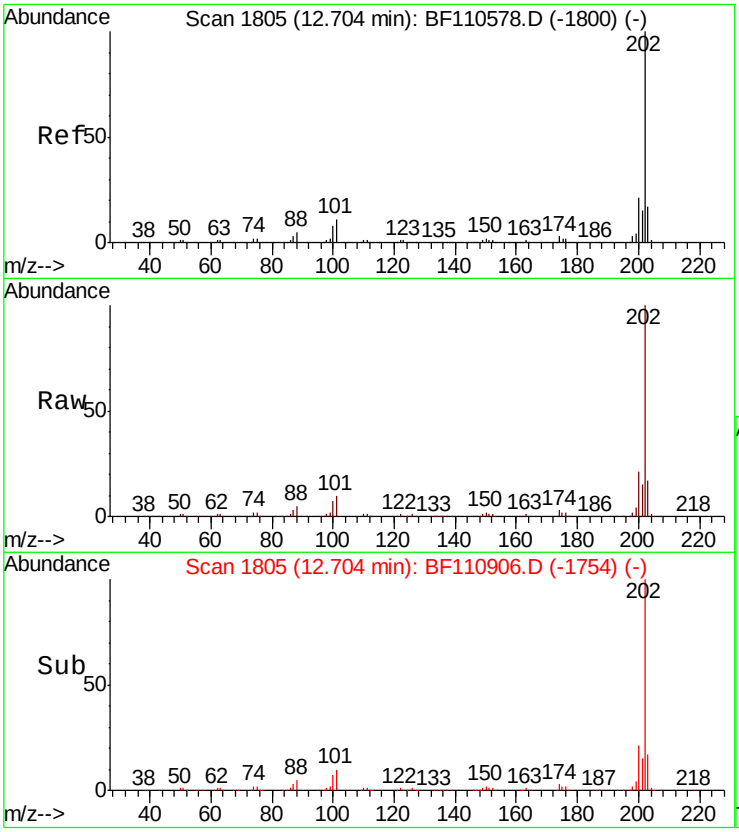


#73
Carbazole
Concen: 3.890 ng
RT: 11.72 min Scan# 1638
Delta R.T. 0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Tgt Ion:167 Resp: 29766

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.4	26.0
139	13.7	10.9	16.3



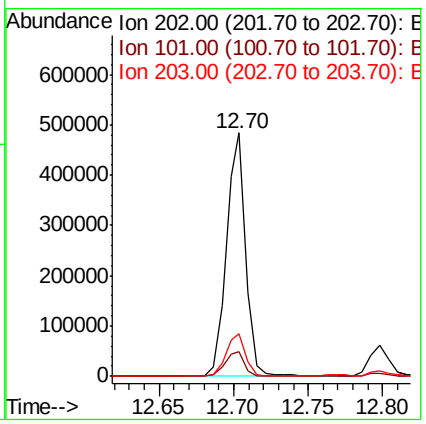


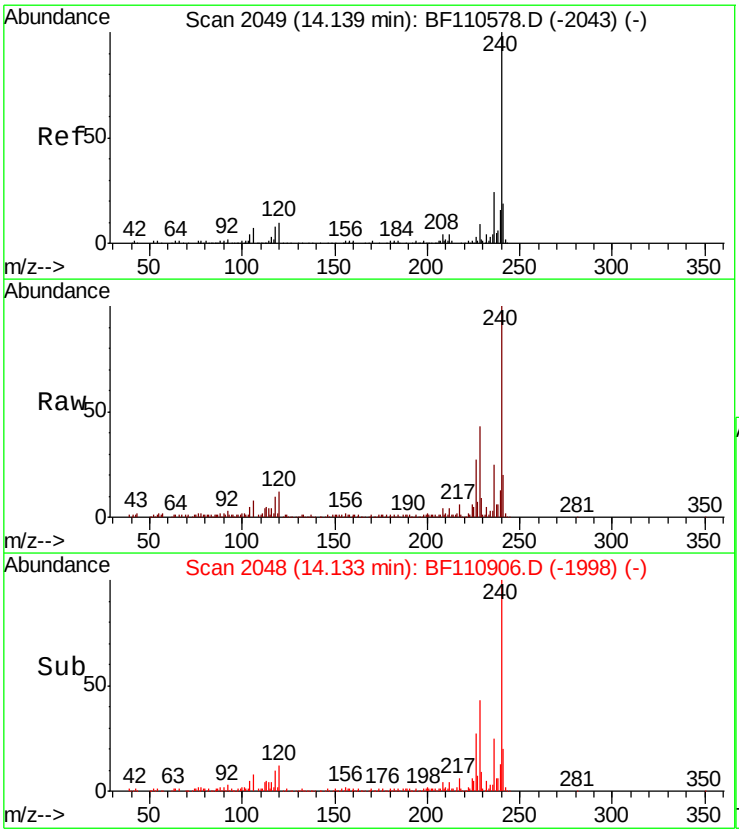
#75
Fluoranthene
Concen: 55.730 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Tgt Ion:202 Resp: 441336

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.4
203	17.4	0.0	37.7

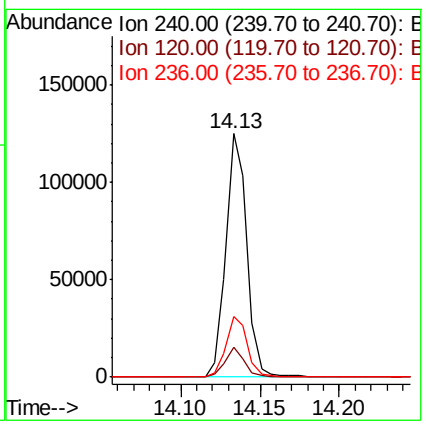


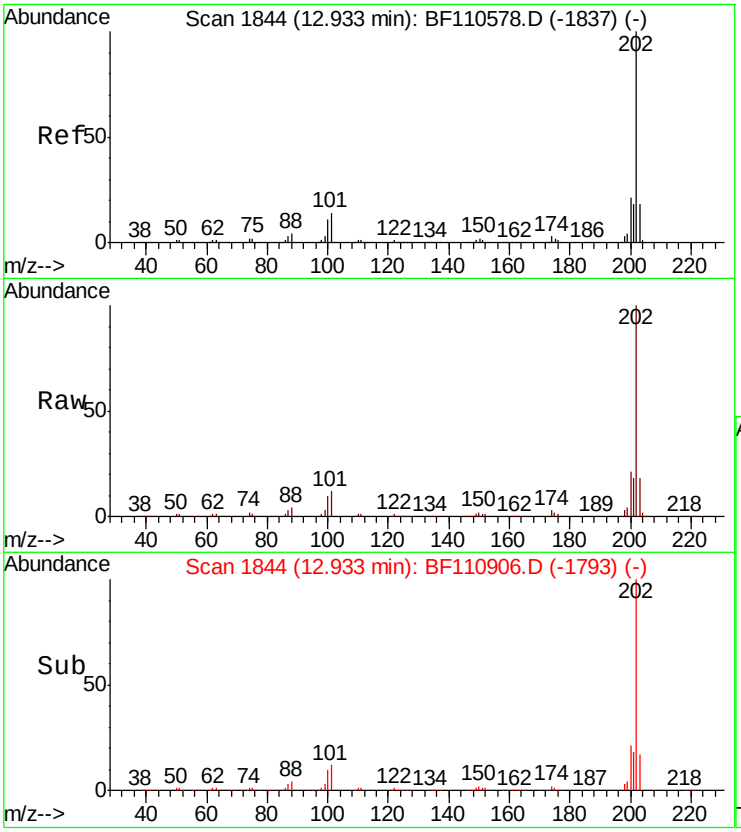


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Tgt Ion:240 Resp: 114563

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.3	12.5
236	24.8	21.2	31.8



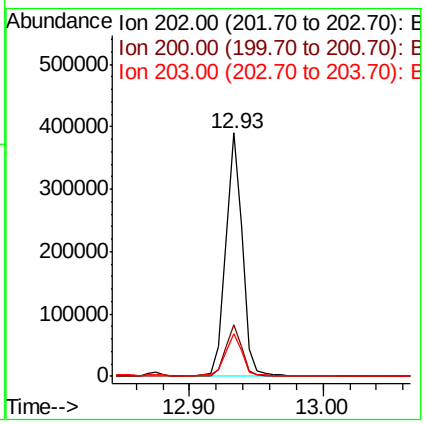


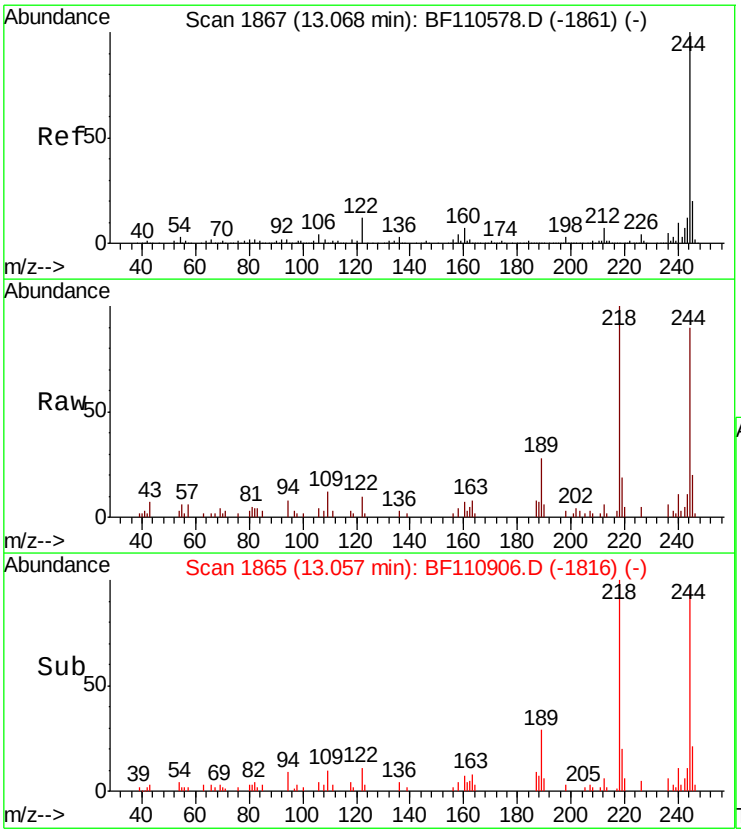
#78
Pyrene
Concen: 38.718 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Tgt Ion:202 Resp: 341537

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.6
203	17.7	14.2	21.4

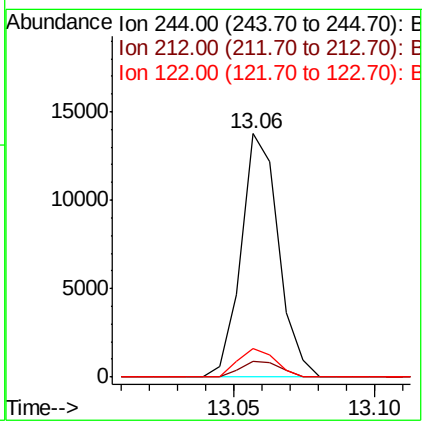


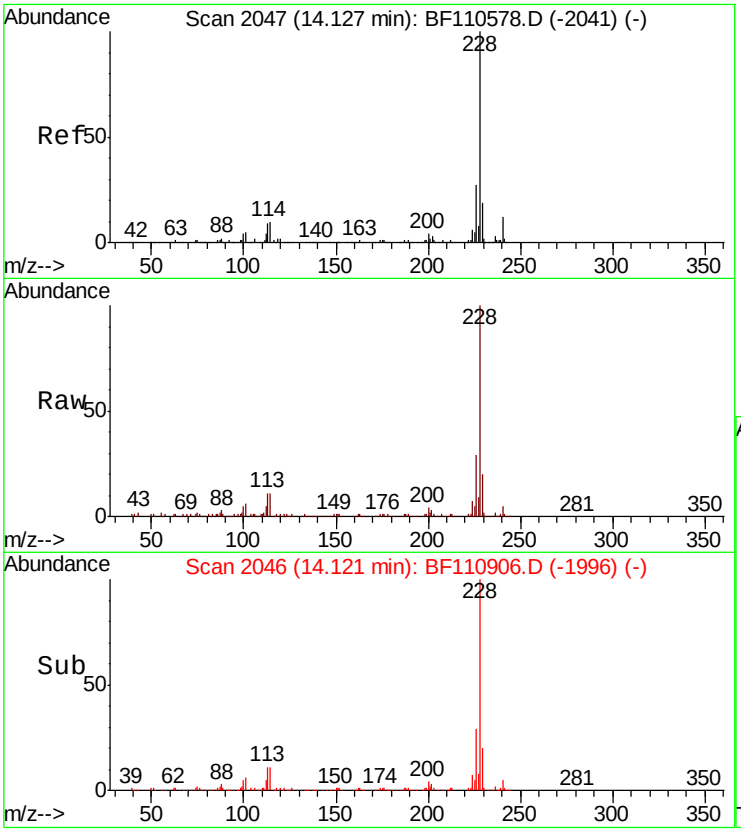


#79
Terphenyl-d14
Concen: 2.063 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Tgt Ion:244 Resp: 12618

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	11.6	8.7	13.1



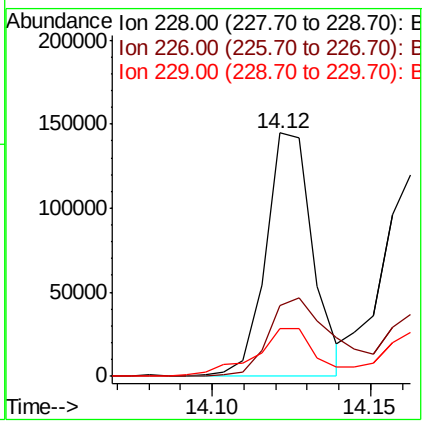


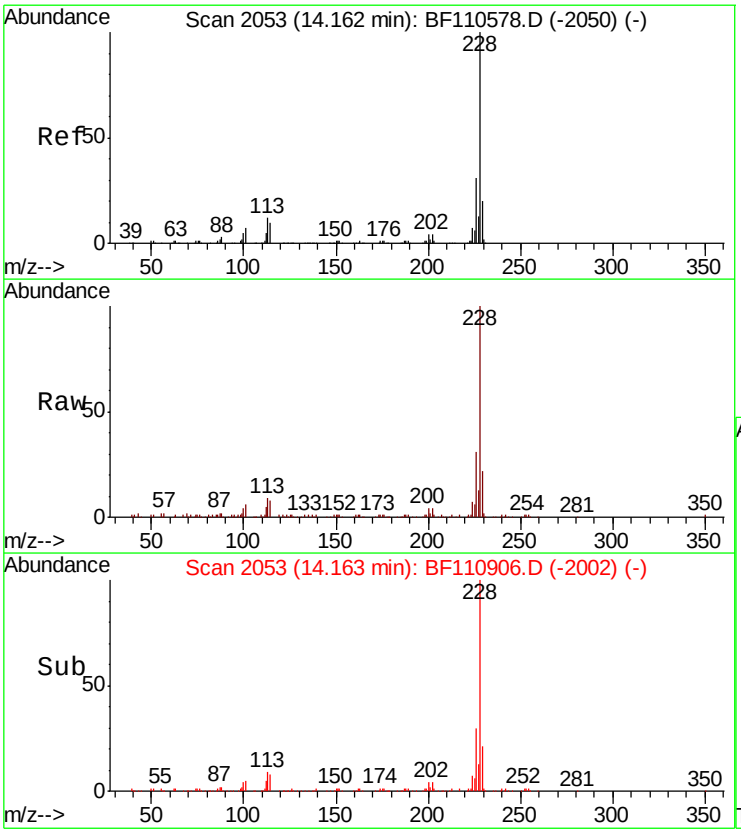
#81
Benzo(a)anthracene
Concen: 21.843 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Tgt Ion:228 Resp: 149572

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.1	33.1
229	19.9	15.6	23.4

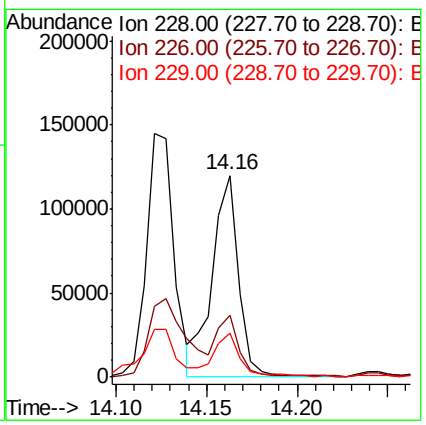


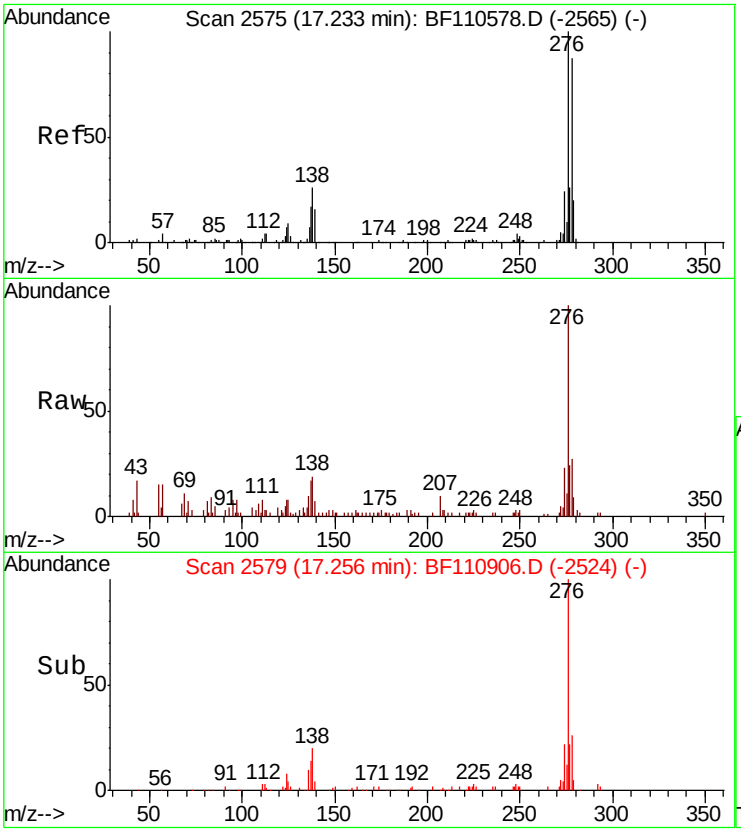


#83
Chrysene
Concen: 18.474 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Tgt Ion:228 Resp: 120518

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	21.6	15.9	23.9



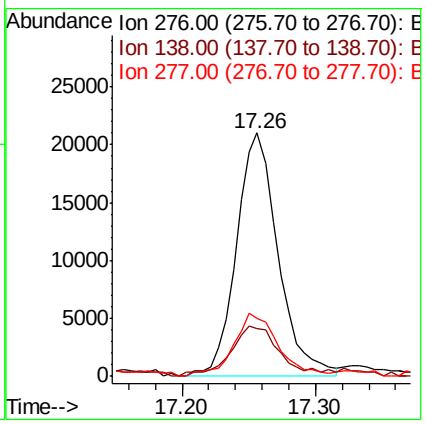


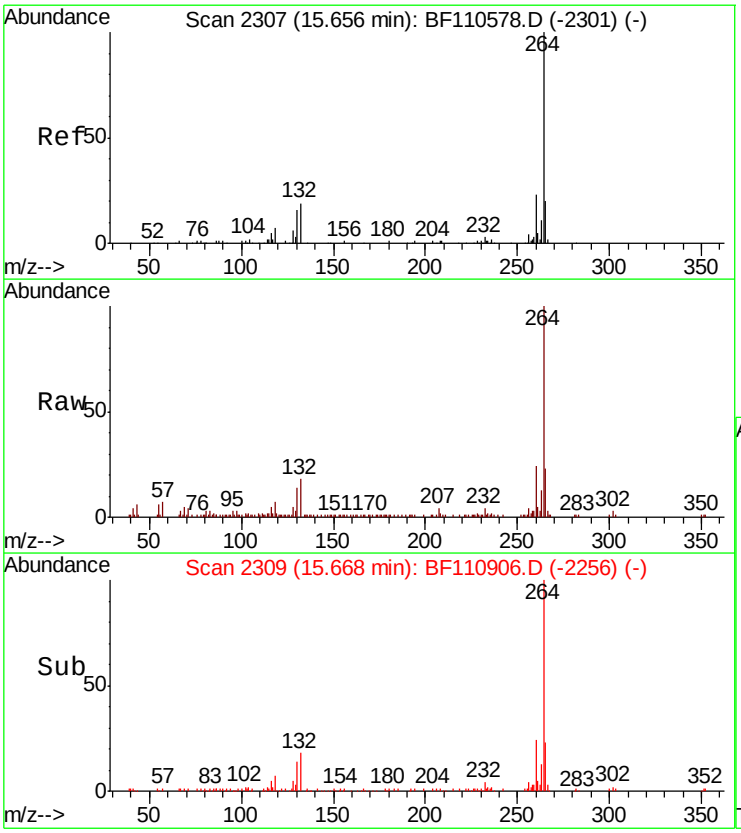
#86
Indeno(1,2,3-cd)pyrene
Concen: 9.714 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.02 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Tgt Ion:276 Resp: 45473

Ion	Ratio	Lower	Upper
276	100		
138	24.8	18.5	27.7
277	27.4	20.0	30.0

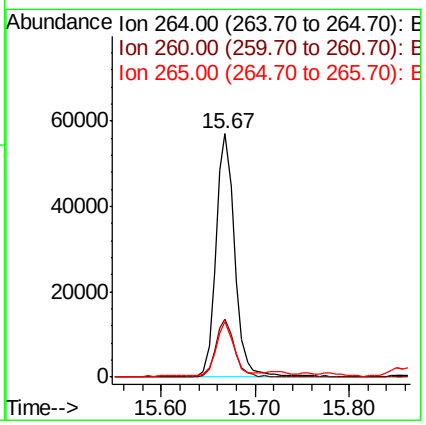


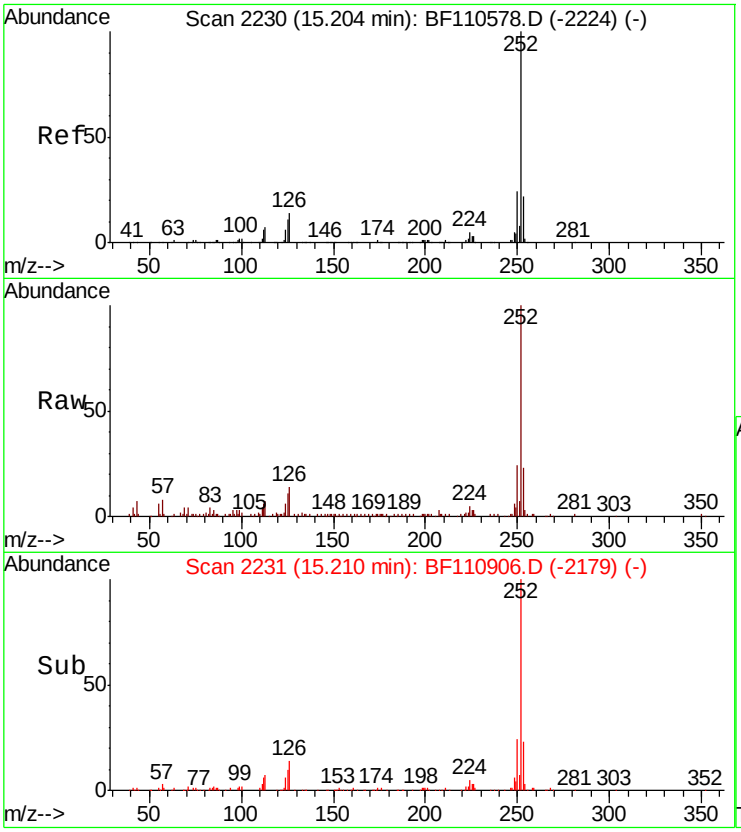


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Tgt Ion:264 Resp: 79937

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.8	16.7	25.1



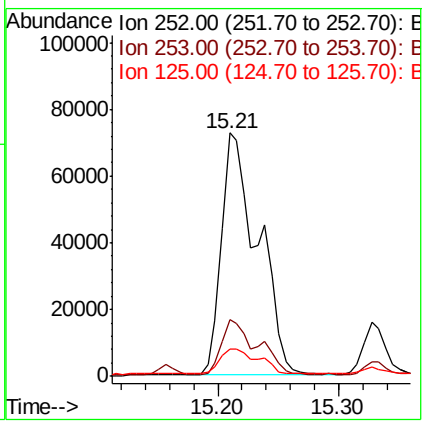


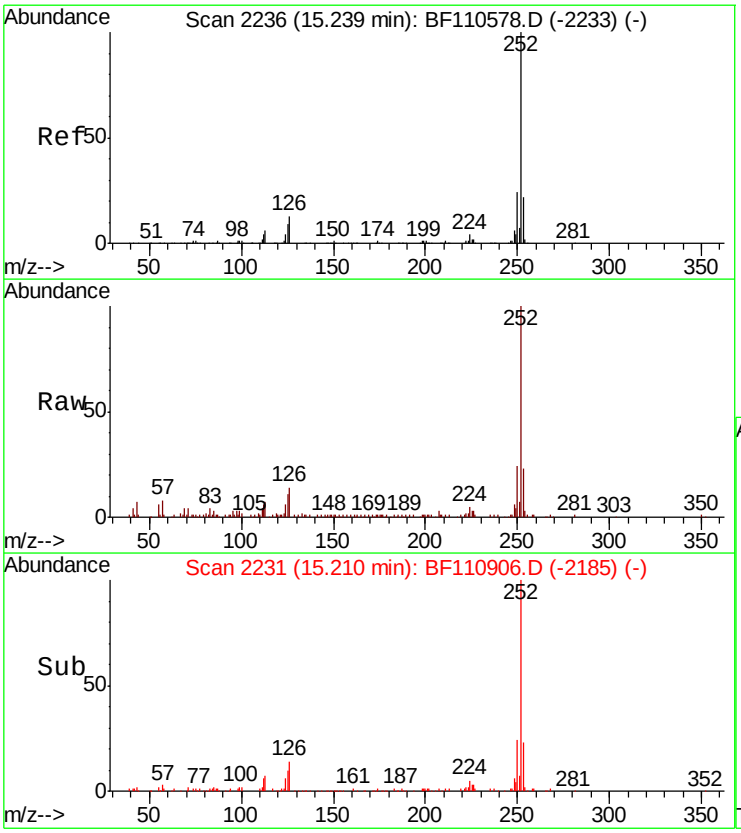
#88
Benzo(b)fluoranthene
Concen: 32.047 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Tgt Ion:252 Resp: 153252

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	11.2	8.2	12.4

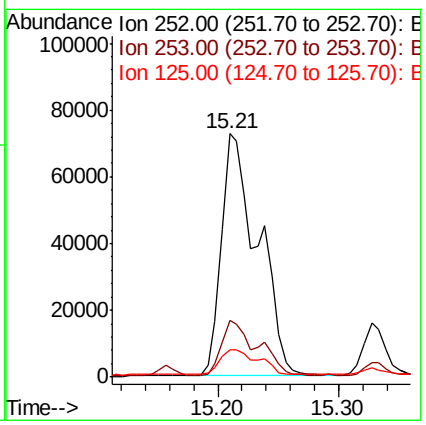


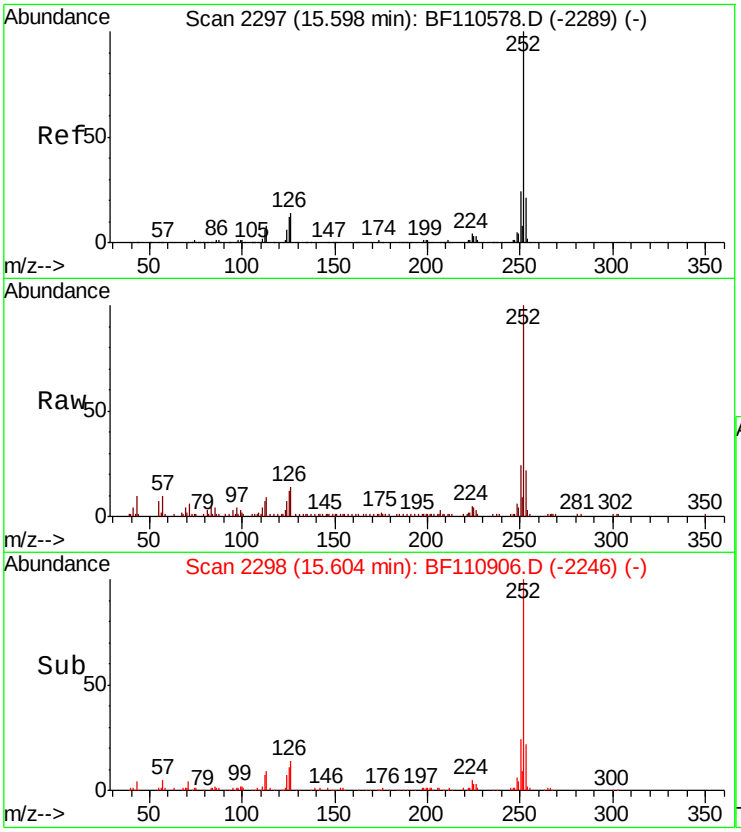


#89
Benzo(k)fluoranthene
Concen: 32.432 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Tgt Ion:252 Resp: 153252

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	11.2	7.4	11.0#



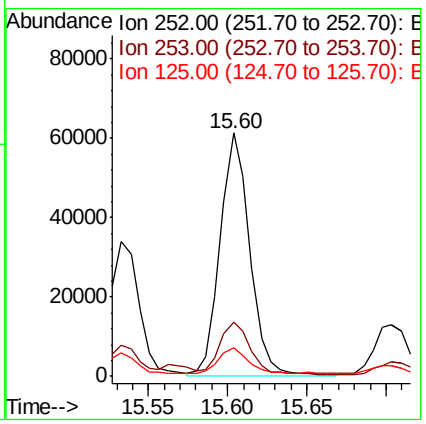


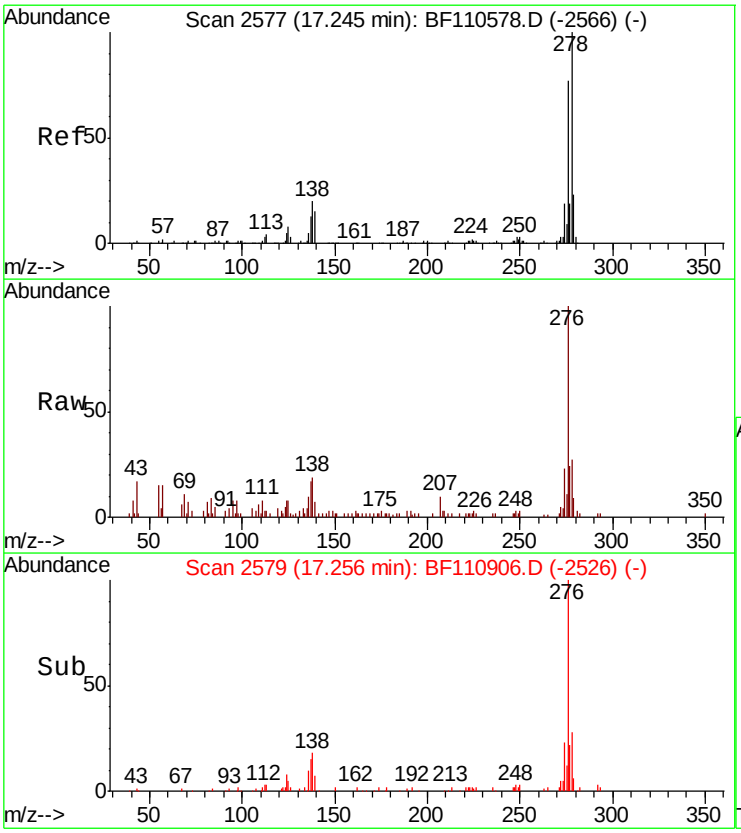
#90
Benzo(a)pyrene
Concen: 18.571 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Tgt Ion:252 Resp: 80687

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	12.0	9.0	13.6

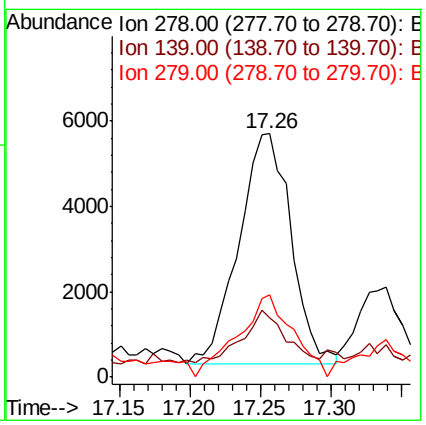


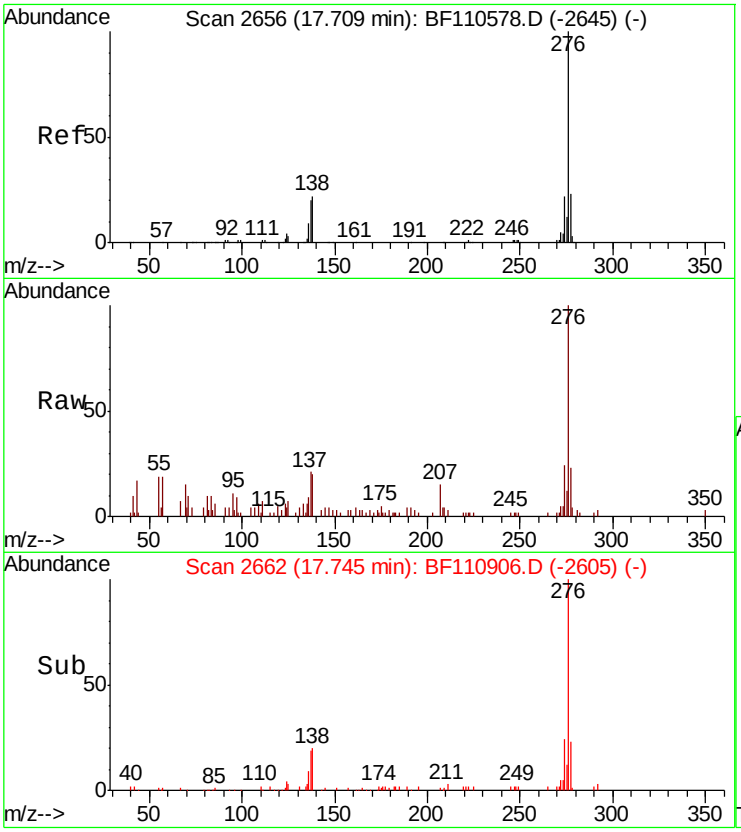


#91
Dibenzo(a,h)anthracene
Concen: 3.812 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Tgt Ion:278 Resp: 14017

Ion	Ratio	Lower	Upper
278	100		
139	24.1	12.7	19.1#
279	33.7	19.0	28.4#





#92
Benzo(g,h,i)perylene
Concen: 10.863 ng
RT: 17.74 min Scan# 2662
Delta R.T. 0.04 min
Lab File: BF110906.D
Acq: 20 Nov 2018 20:40

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSDL

Tgt Ion:276 Resp: 39629

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	20.5	16.0	24.0