Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
Data File : BF110021.D
Acq On : 19 Oct 2018 23:38
Operator : JU/SJ
Sample : J5204-07DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 20 03:19:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 20 01:53:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	207139	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	810817	20.00	ng		0.00
39) Acenaphthene-d10	10.01	164	336186	20.00	ng		0.00
64) Phenanthrene-d10	11.50	188	519263	20.00	ng		0.00
76) Chrysene-d12	14.15	240	371935	20.00	ng		0.00
87) Perylene-d12	15.67	264	305588	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	143658	10.99	ng		-0.01
7) Phenol-d6	6.57	99	184170	11.35	ng		-0.02
23) Nitrobenzene-d5	7.52	82	104442	8.68	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	29066	9.99	ng		0.00
45) 2-Fluorobiphenyl	9.32	172	178873	8.49	ng		-0.01
79) Terphenyl-d14	13.08	244	118908	6.71	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.52	82	104318	4.411	ng	#	67
31) Naphthalene	8.27	128	258716	6.958	ng		99
37) 2-Methylnaphthalene	8.96	142	178995	7.435	ng		98
38) 1-Methylnaphthalene	9.06	142	222394	9.533	ng		97
51) 2,6-Dinitrotoluene	10.01	165	50078	11.076	ng	#	23
52) Acenaphthene	10.05	154	120082	5.885	ng		98
55) Dibenzofuran	10.22	168	99834	3.431	ng		97
57) 2,4-Dinitrotoluene	10.17	165	3848	5.192	ng	#	39
58) Fluorene	10.56	166	197600	9.328	ng		99
65) 4,6-Dinitro-2-methylphenol	10.83	198	220	8.002	ng	#	1
71) Phenanthrene	11.53	178	797859	29.679	ng		99
72) Anthracene	11.57	178	206302	7.633	ng		99
75) Fluoranthene	12.72	202	579055	21.562	ng		99
78) Pyrene	12.95	202	564389	20.660	ng		99
81) Benzo(a)anthracene	14.14	228	232331	10.605	ng		94
83) Chrysene	14.17	228	210048	10.073	ng		99
86) Indeno(1,2,3-cd)pyrene	17.22	276	67567	4.024	ng		99
88) Benzo(b)fluoranthene	15.22	252	260030	14.760	ng	#	94
89) Benzo(k)fluoranthene	15.22	252	260030	14.974	ng	#	93
90) Benzo(a)pyrene	15.60	252	149269	9.212	ng		97
92) Benzo(g,h,i)perylene	17.69	276	62865	4.333	ng		96

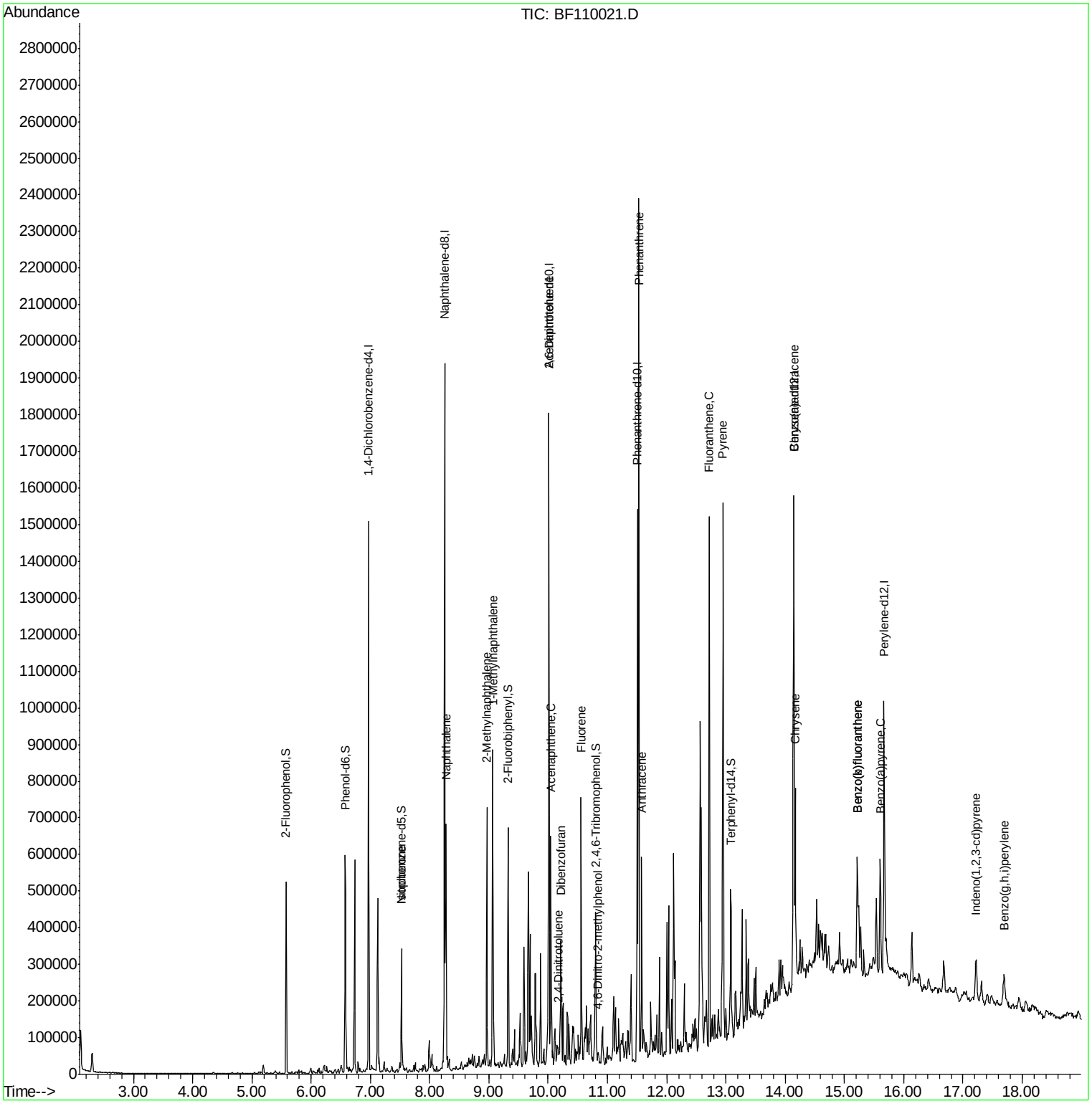
(#) = qualifier out of range (m) = manual integration (+) = signals summed

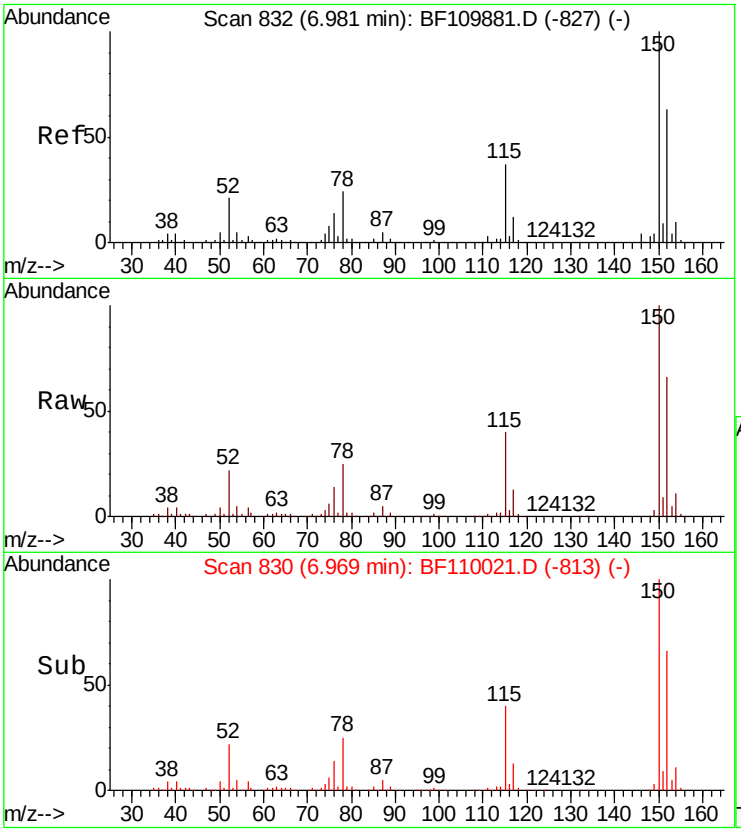
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
Data File : BF110021.D
Acq On : 19 Oct 2018 23:38
Operator : JU/SJ
Sample : J5204-07DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 20 03:19:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 20 01:53:35 2018
Response via : Initial Calibration



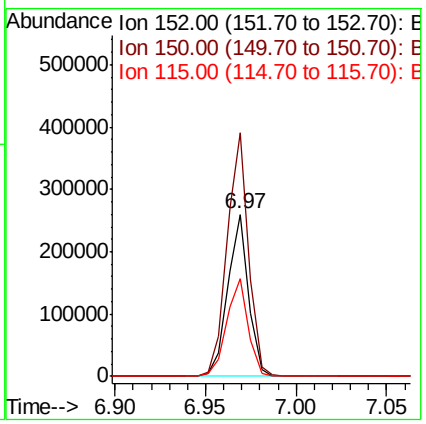


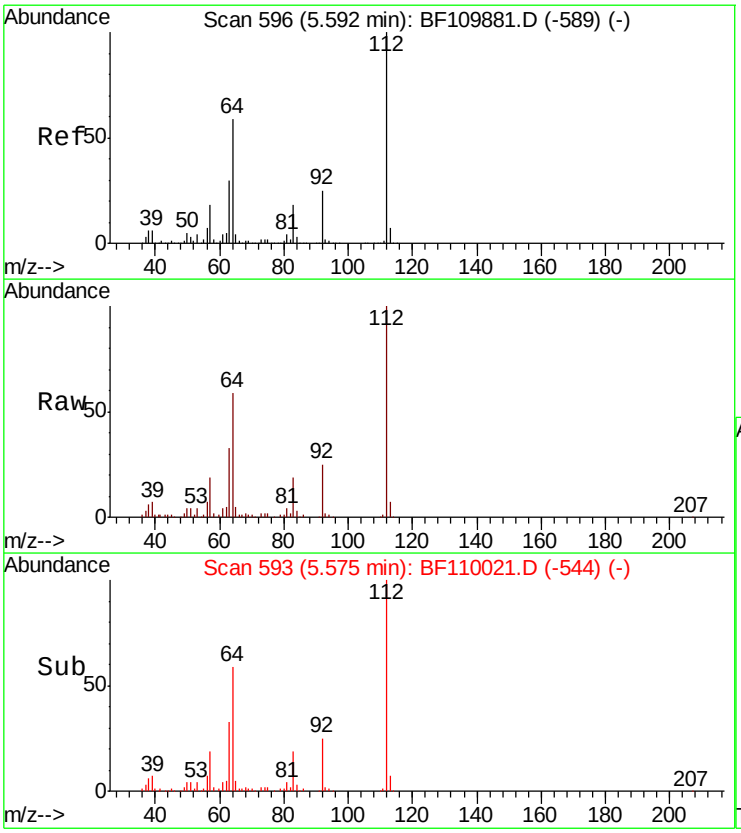
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 207139

Ion	Ratio	Lower	Upper
152	100		
150	150.4	122.7	184.1
115	60.3	49.1	73.7

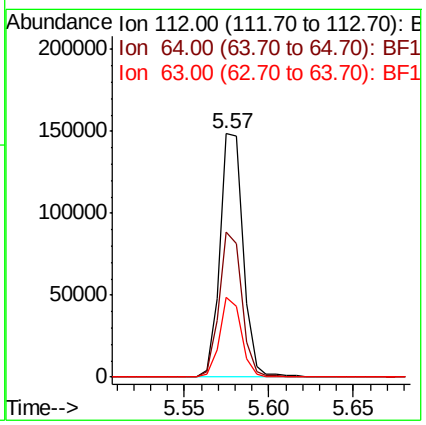


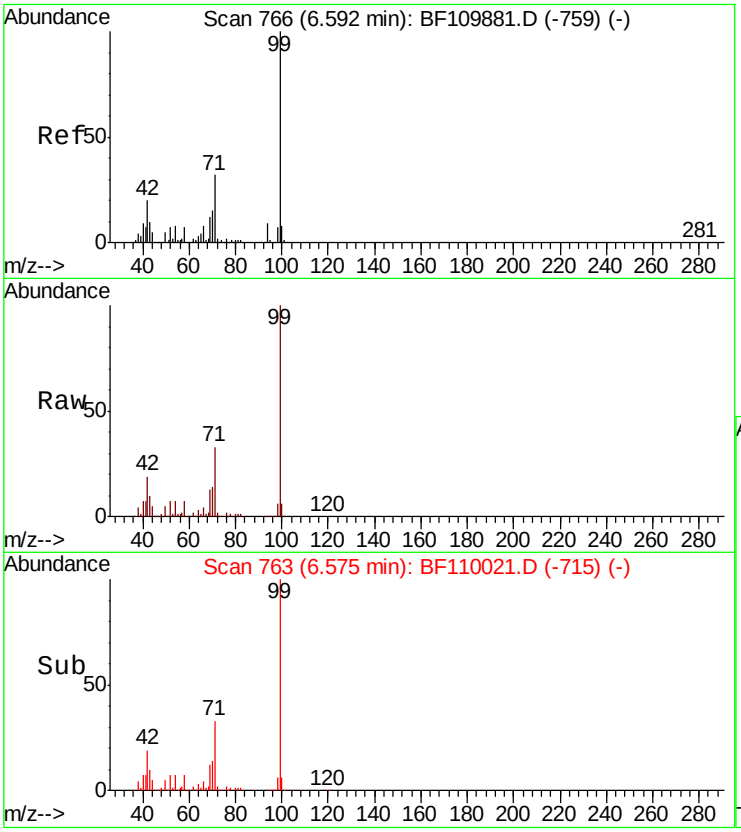


#5
2-Fluorophenol
Concen: 10.993 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Tgt Ion:112 Resp: 143658

Ion	Ratio	Lower	Upper
112	100		
64	59.4	44.1	66.1
63	32.6	23.7	35.5



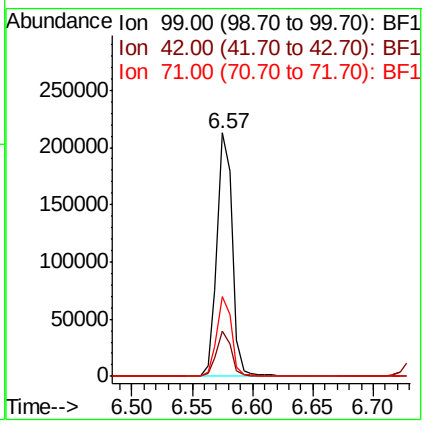


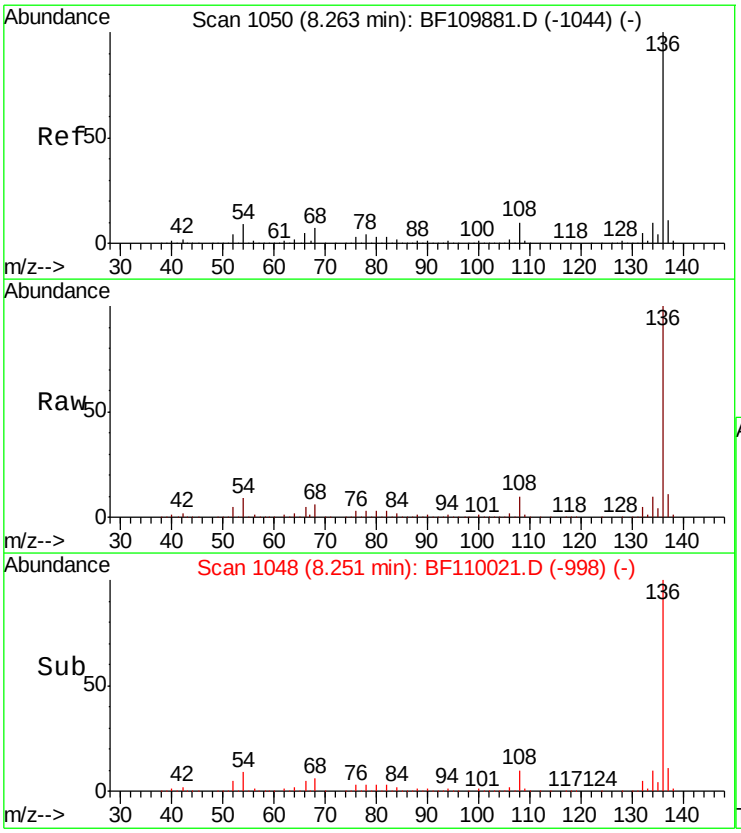
#7
Phenol-d6
Concen: 11.350 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 184170

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.8	23.6
71	32.8	28.0	42.0

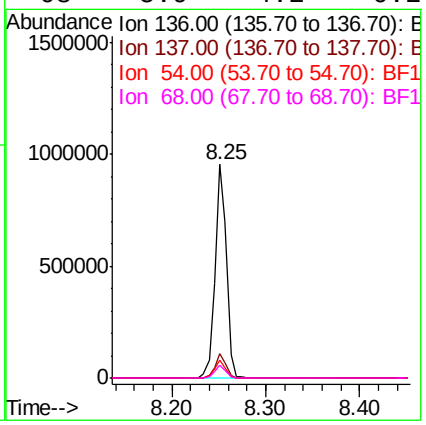


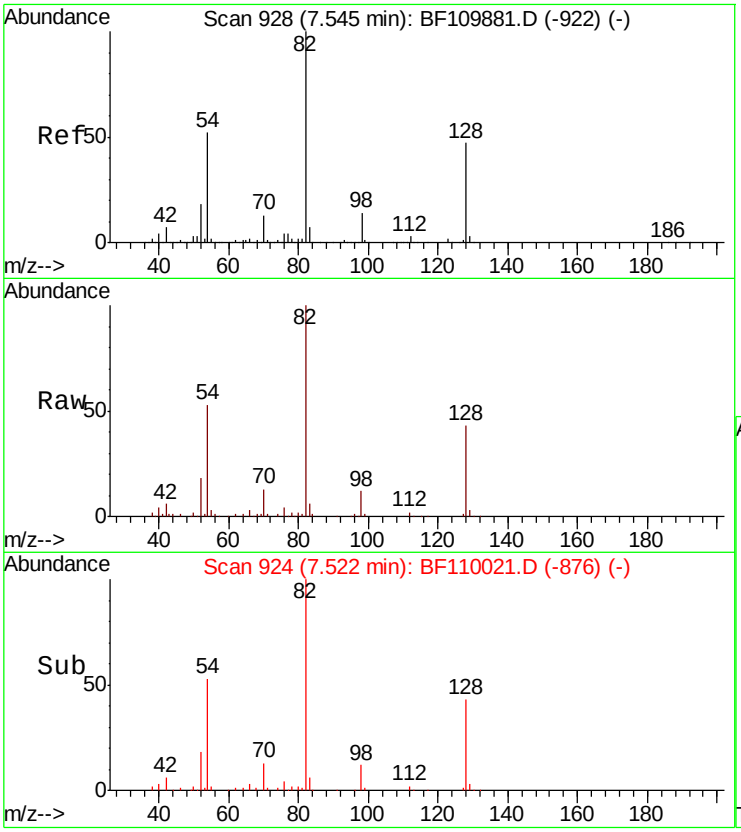


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Tgt Ion:136 Resp: 810817

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.7	5.4	8.2#
68	5.9	4.2	6.2



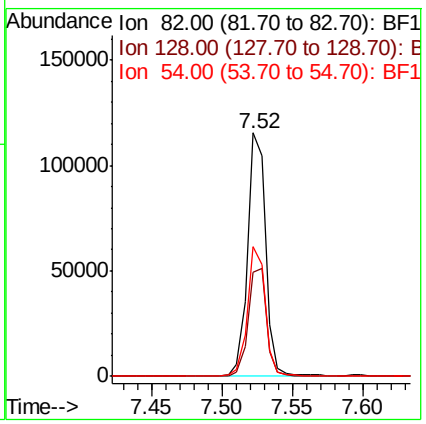


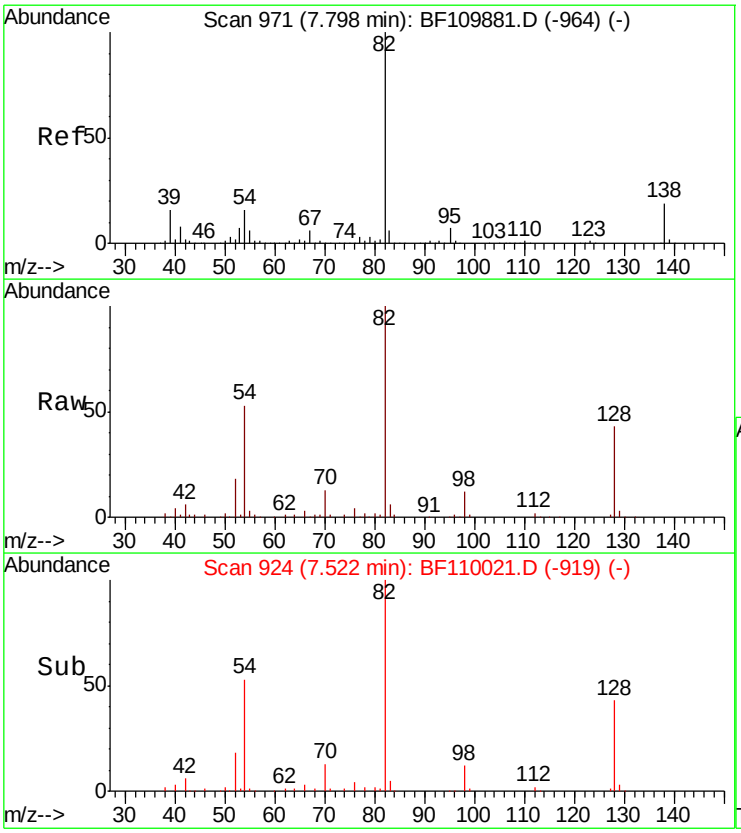
#23
Nitrobenzene-d5
Concen: 8.677 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 104442

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.2	51.2
54	53.1	38.6	58.0

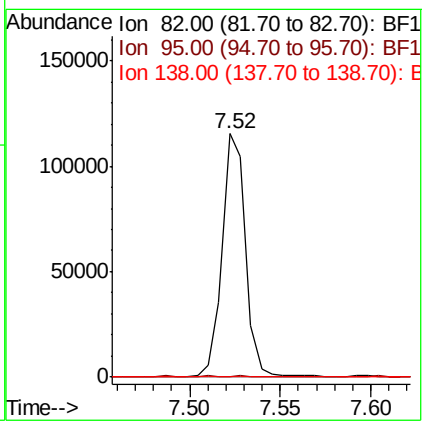


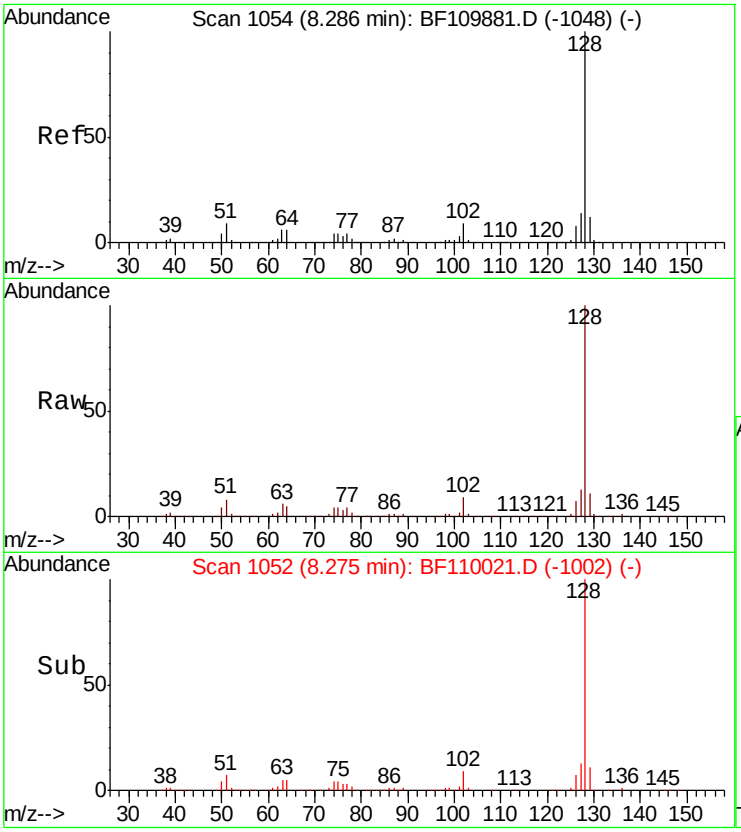


#25
Isophorone
Concen: 4.411 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.27 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Tgt Ion: 82 Resp: 104318

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.7	8.5#
138	0.0	13.2	19.8#



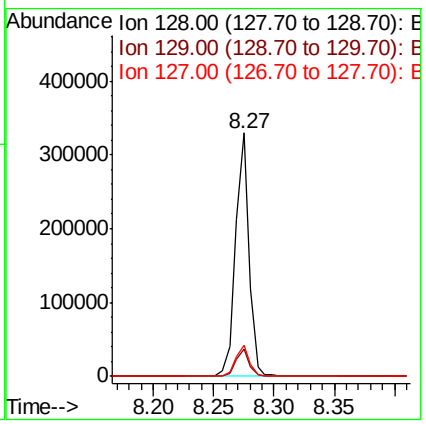


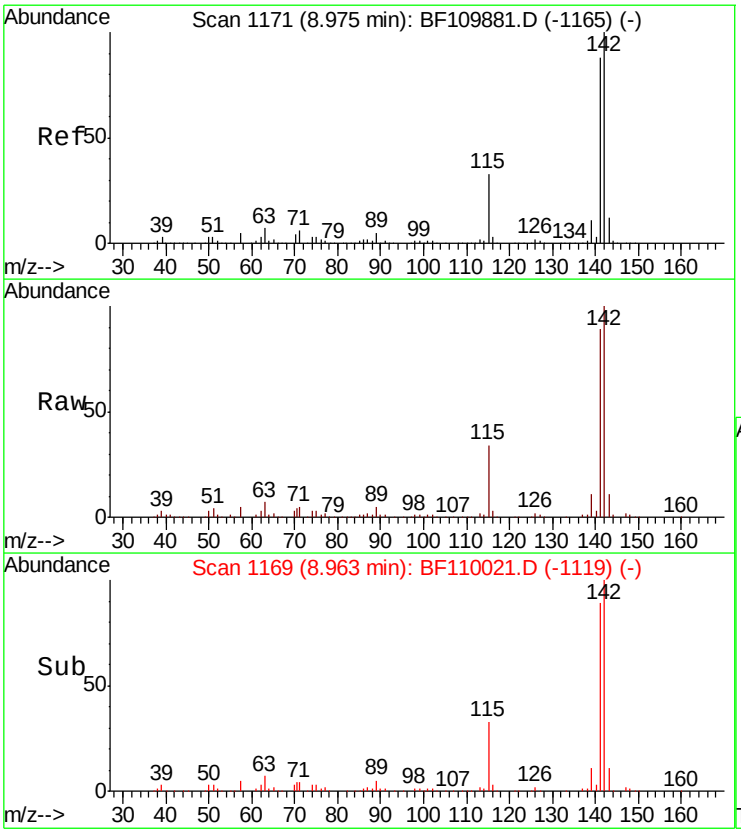
#31
Naphthalene
Concen: 6.958 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 258716

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.7	10.8	16.2

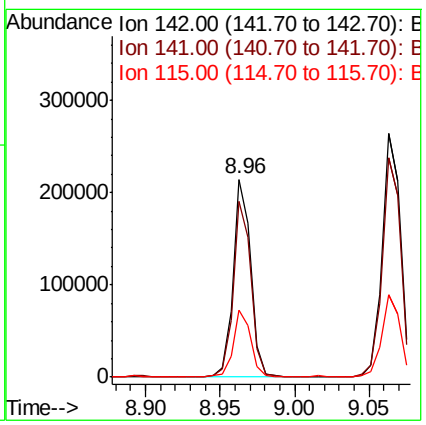


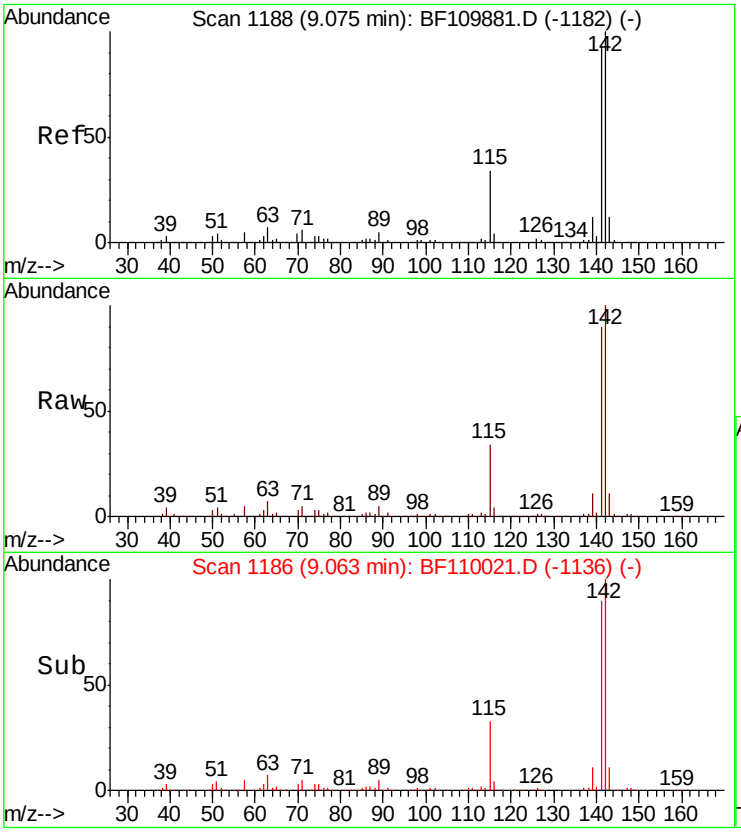


#37
2-Methylnaphthalene
Concen: 7.435 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Tgt Ion:142 Resp: 178995

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2
115	33.6	28.7	43.1



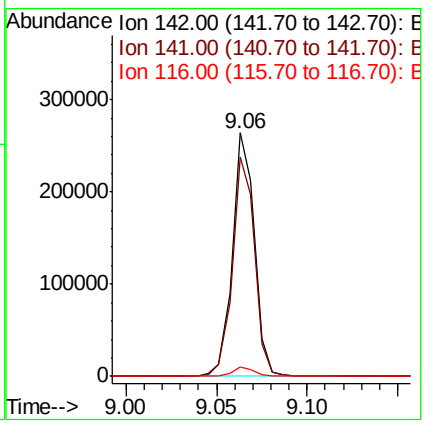


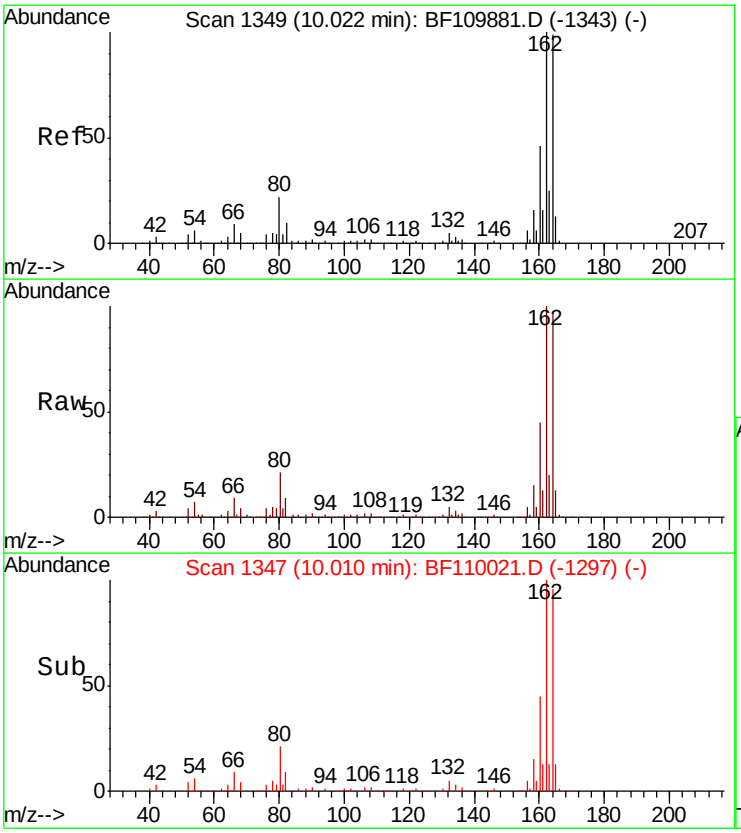
#38
1-Methylnaphthalene
Concen: 9.533 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 222394

Ion	Ratio	Lower	Upper
142	100		
141	90.3	74.2	111.4
116	3.7	2.6	4.0

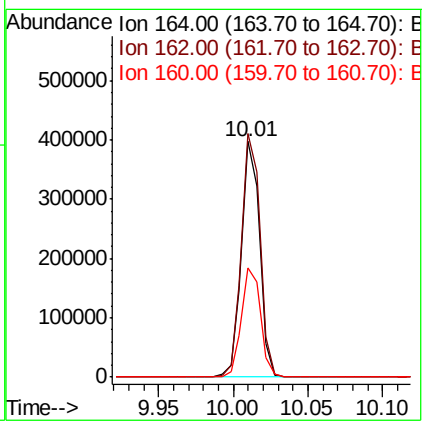


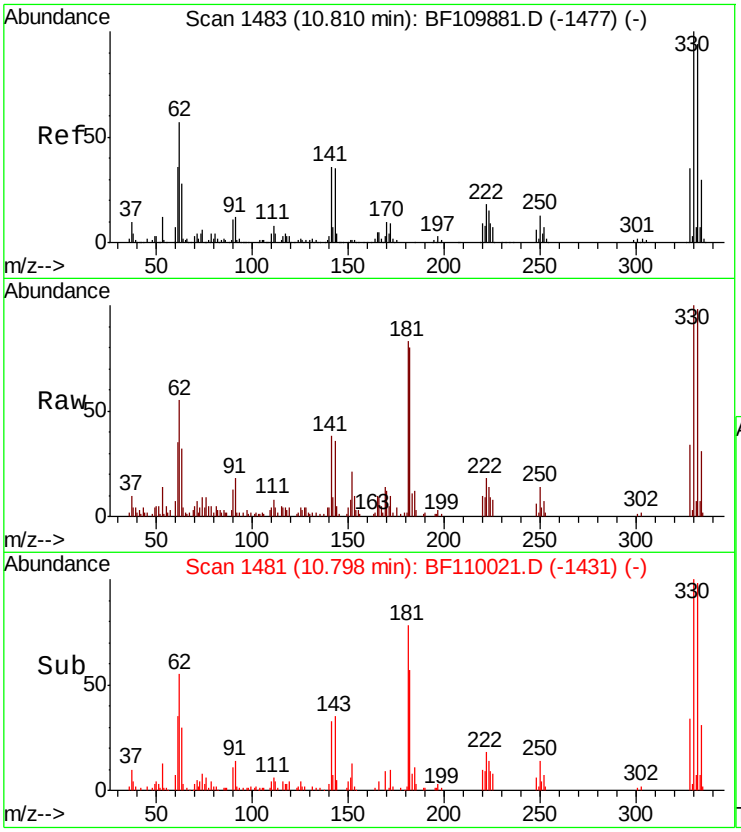


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Tgt Ion:164 Resp: 336186

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.0	124.6
160	46.2	37.0	55.6



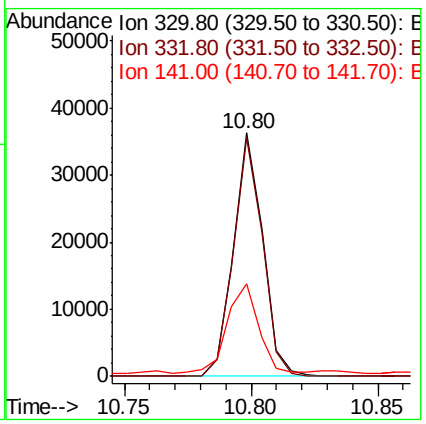


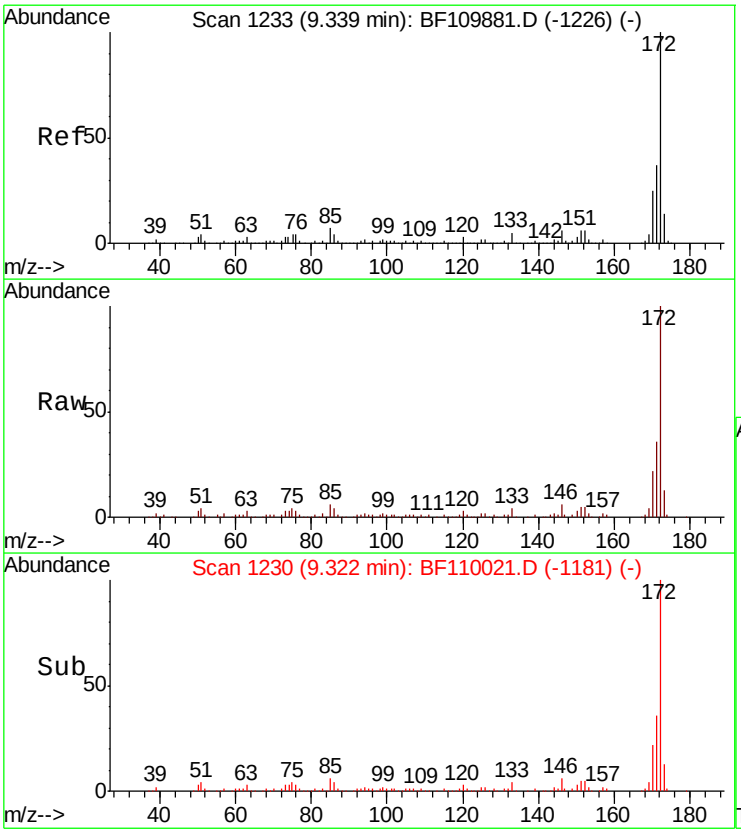
#42
2,4,6-Tribromophenol
Concen: 9.986 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 29066

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	39.2	27.0	40.4

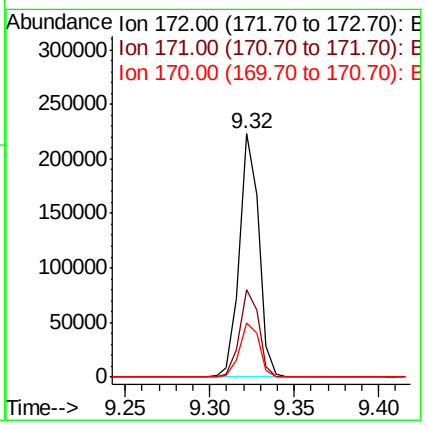


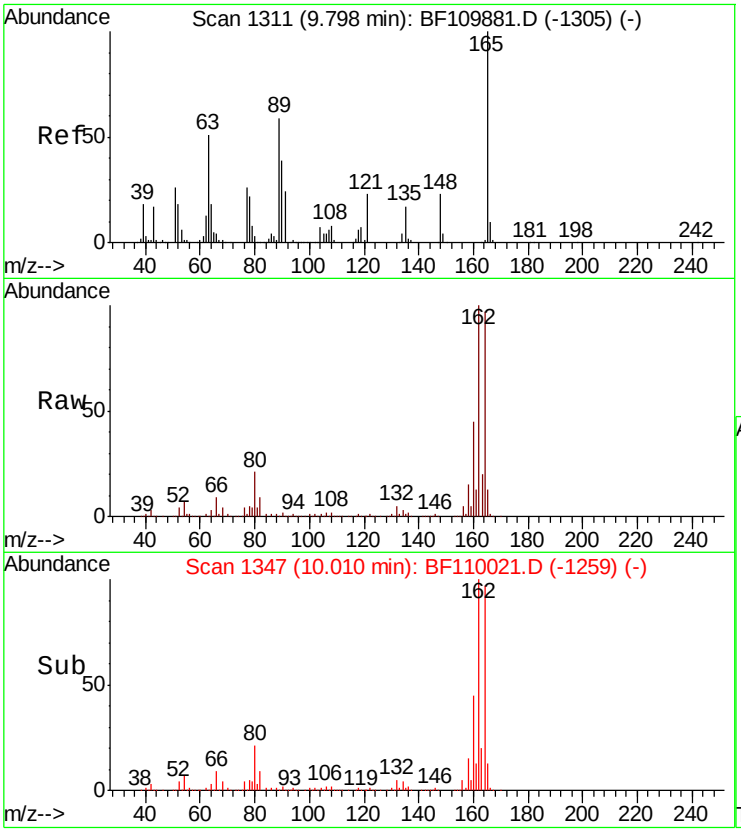


#45
2-Fluorobiphenyl
Concen: 8.490 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Tgt Ion:172 Resp: 178873

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	22.5	19.7	29.5



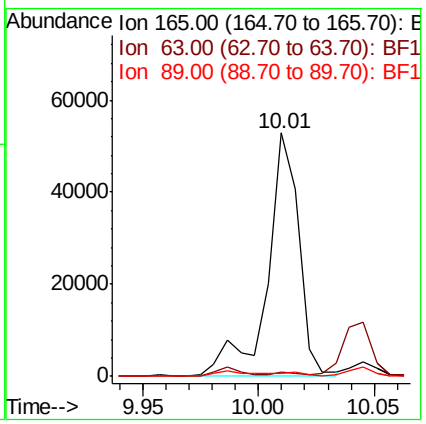


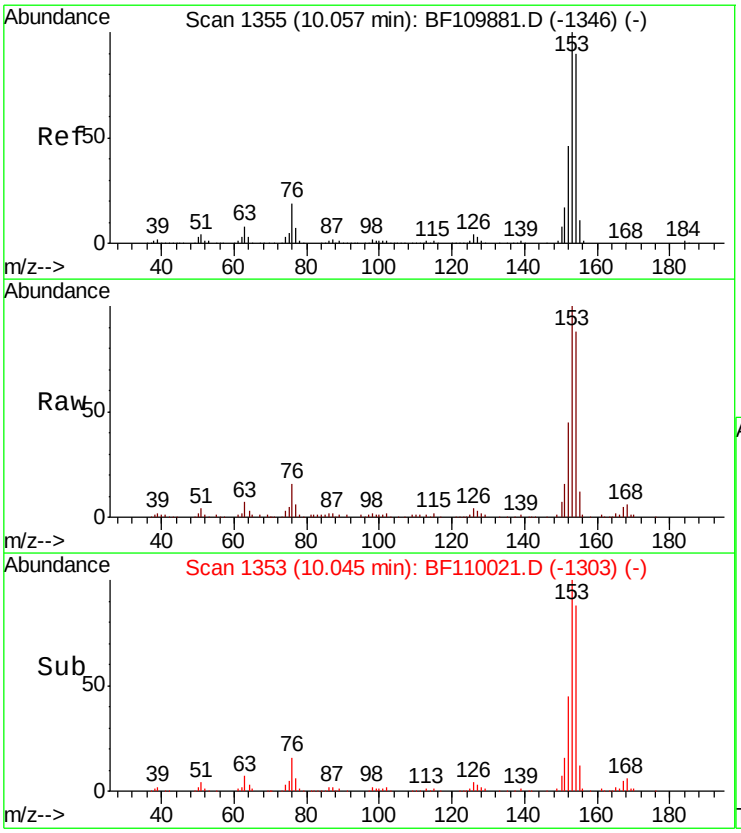
#51
2,6-Dinitrotoluene
Concen: 11.076 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 50078

Ion	Ratio	Lower	Upper
165	100		
63	1.6	48.9	73.3#
89	1.4	46.6	69.8#

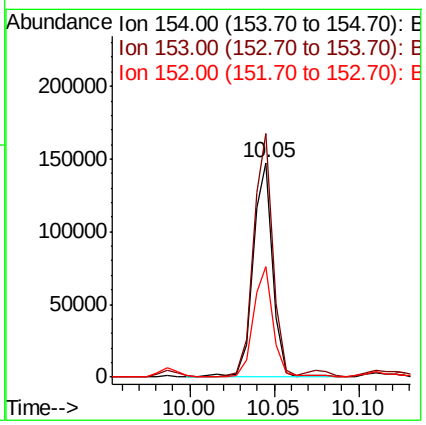


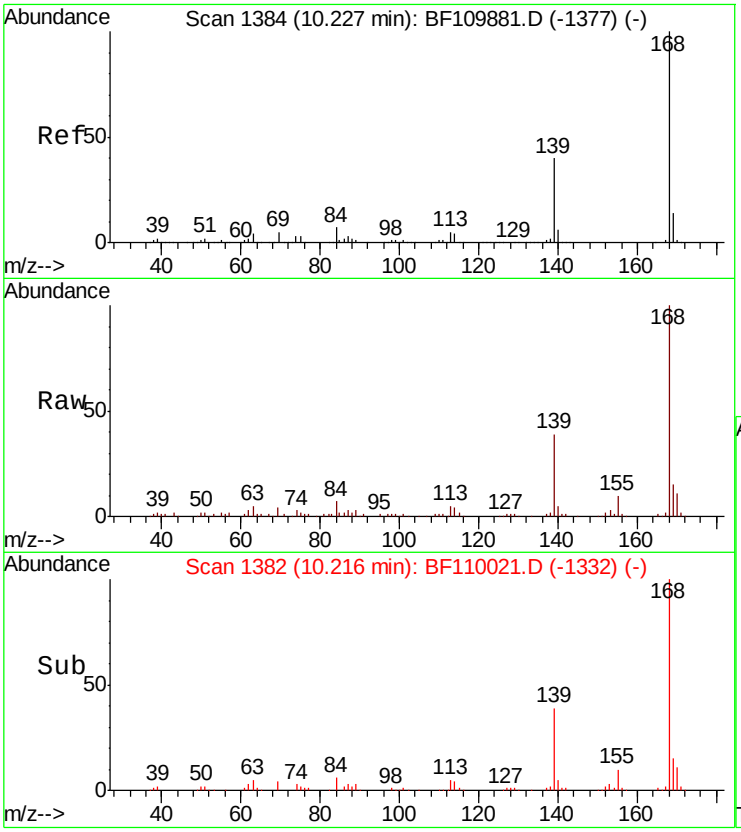


#52
Acenaphthene
Concen: 5.885 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Tgt Ion:154 Resp: 120082

Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.1	135.1
152	51.5	43.4	65.2



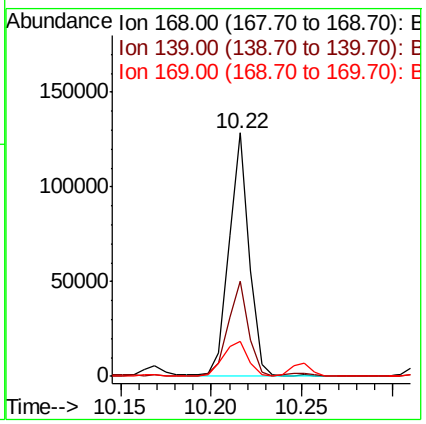


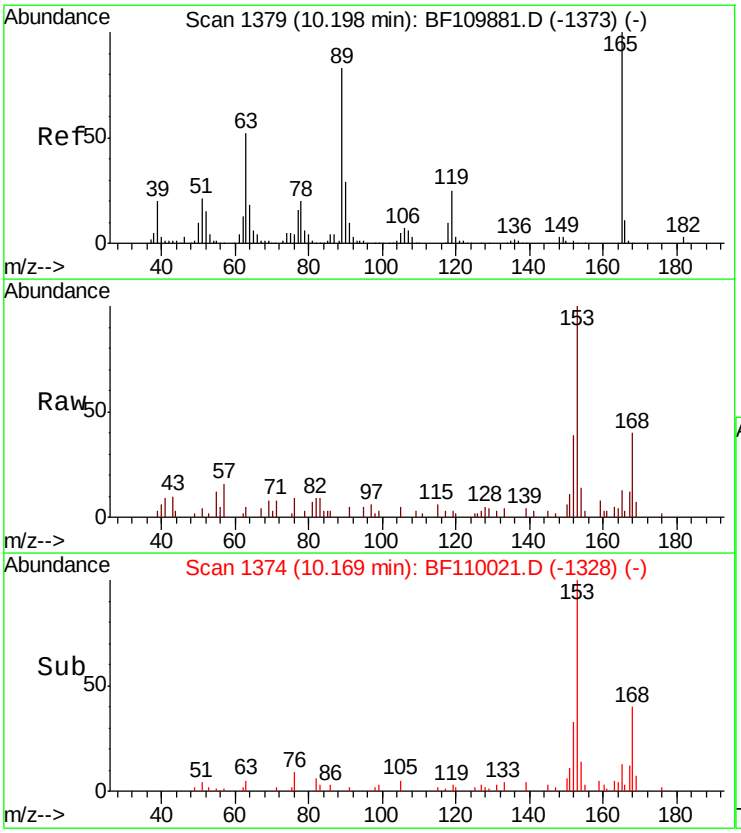
#55
Dibenzofuran
Concen: 3.431 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 99834

Ion	Ratio	Lower	Upper
168	100		
139	39.3	33.0	49.6
169	14.6	11.3	16.9

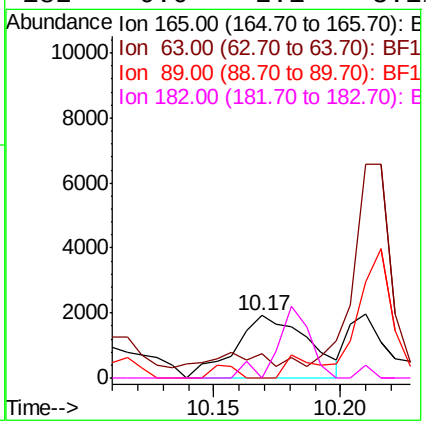


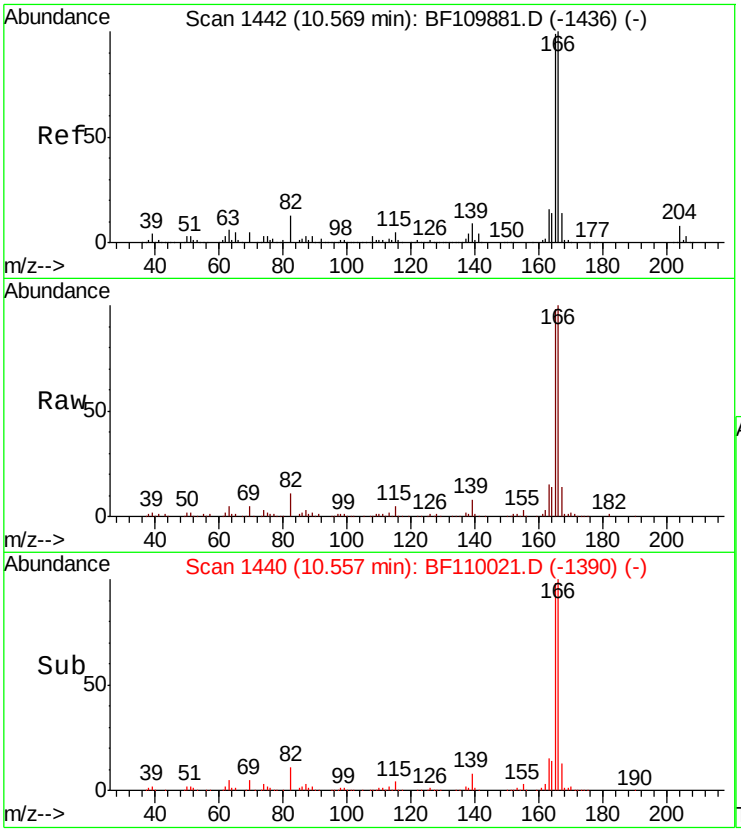


#57
2,4-Dinitrotoluene
Concen: 5.192 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.03 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Tgt Ion:165 Resp: 3848

Ion	Ratio	Lower	Upper
165	100		
63	39.4	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



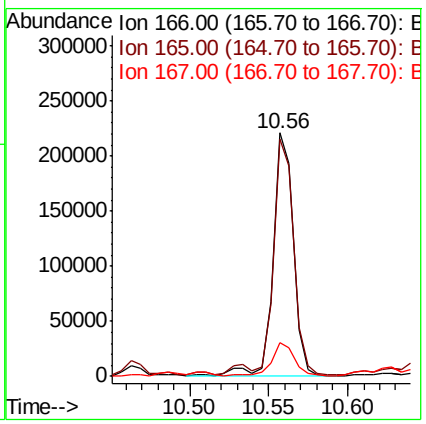


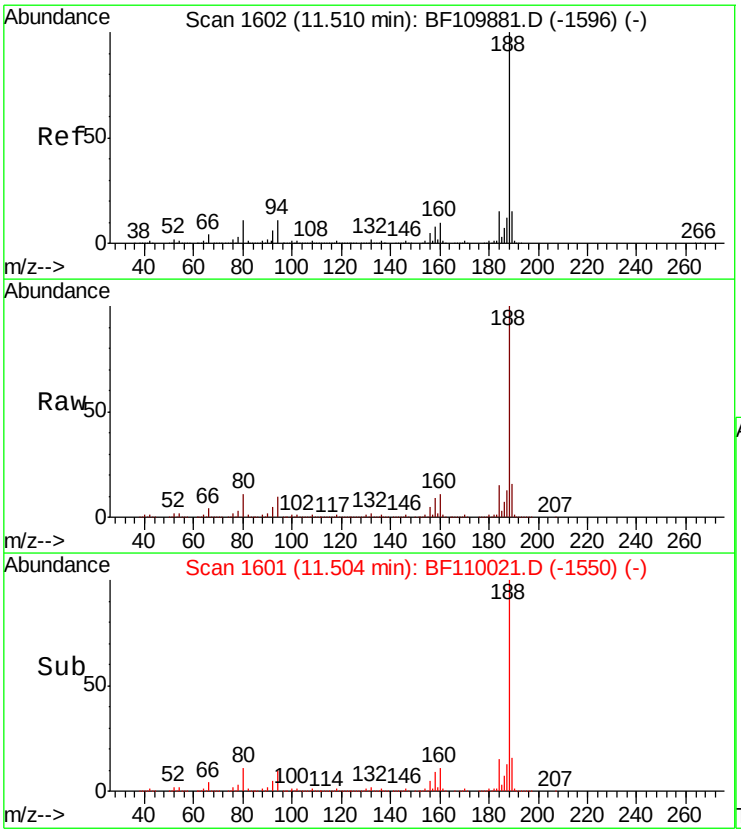
#58
Fluorene
Concen: 9.328 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 197600

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.6	117.8
167	13.7	10.8	16.2

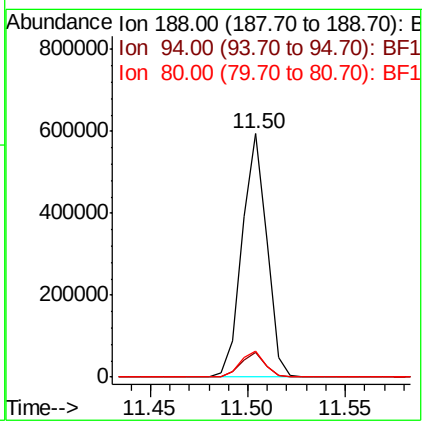


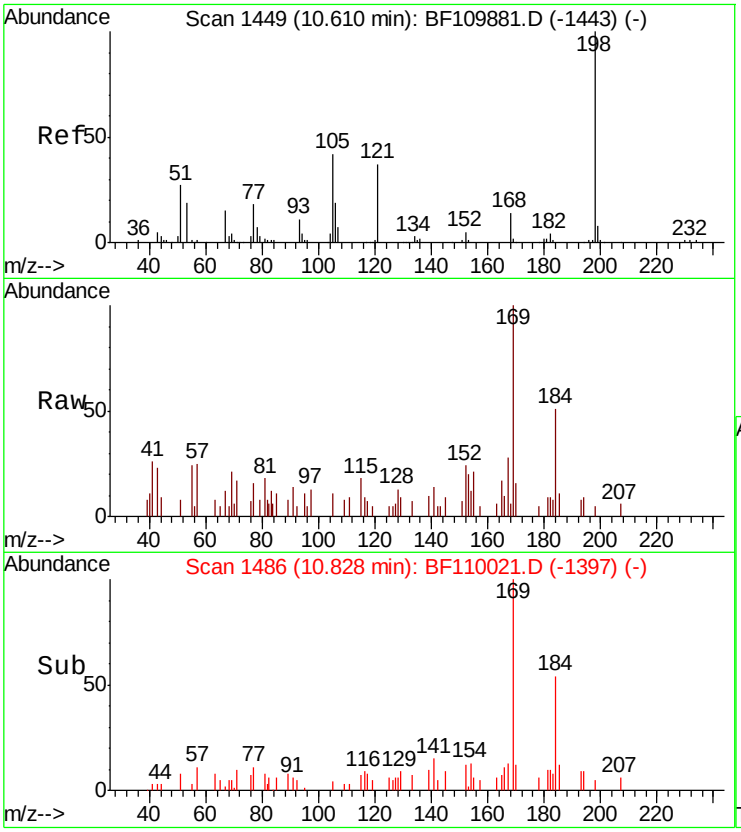


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Tgt Ion:188 Resp: 519263

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	10.5	7.9	11.9



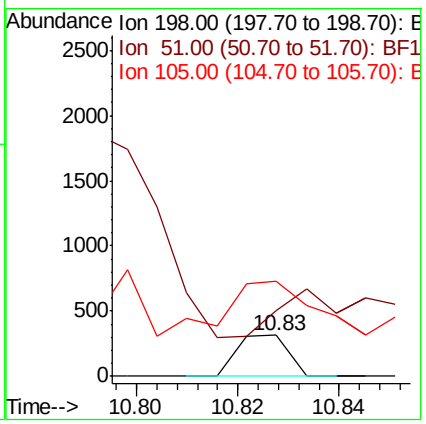


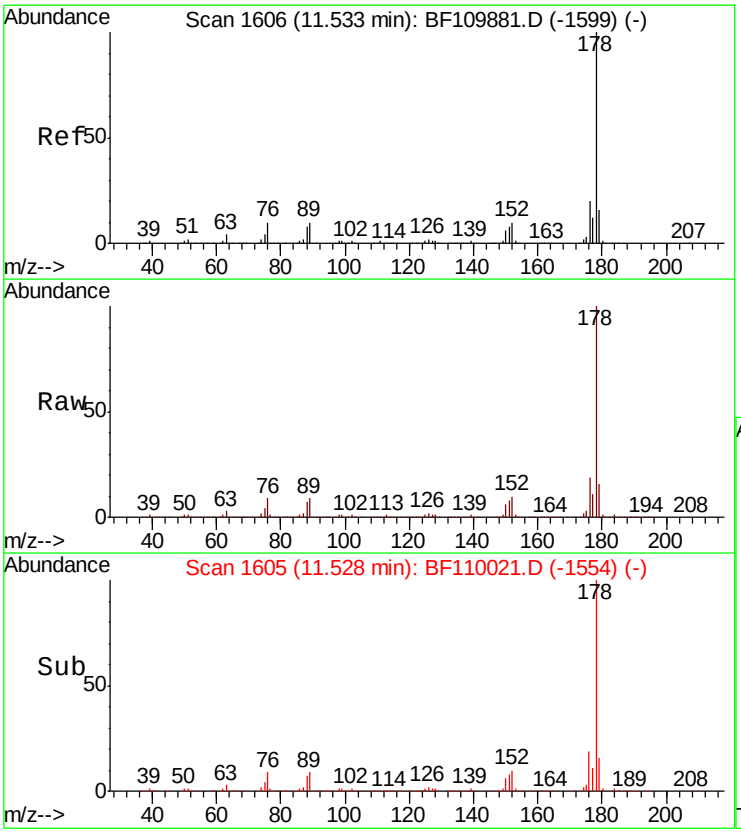
#65
4,6-Dinitro-2-methylphenol
Concen: 8.002 ng
RT: 10.83 min Scan# 1486
Delta R.T. 0.22 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 220

Ion	Ratio	Lower	Upper
198	100		
51	159.0	22.8	62.8#
105	230.5	23.6	63.6#

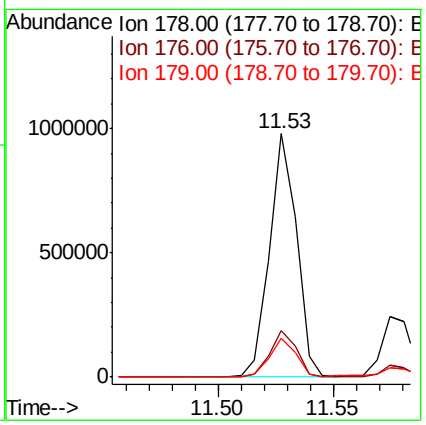


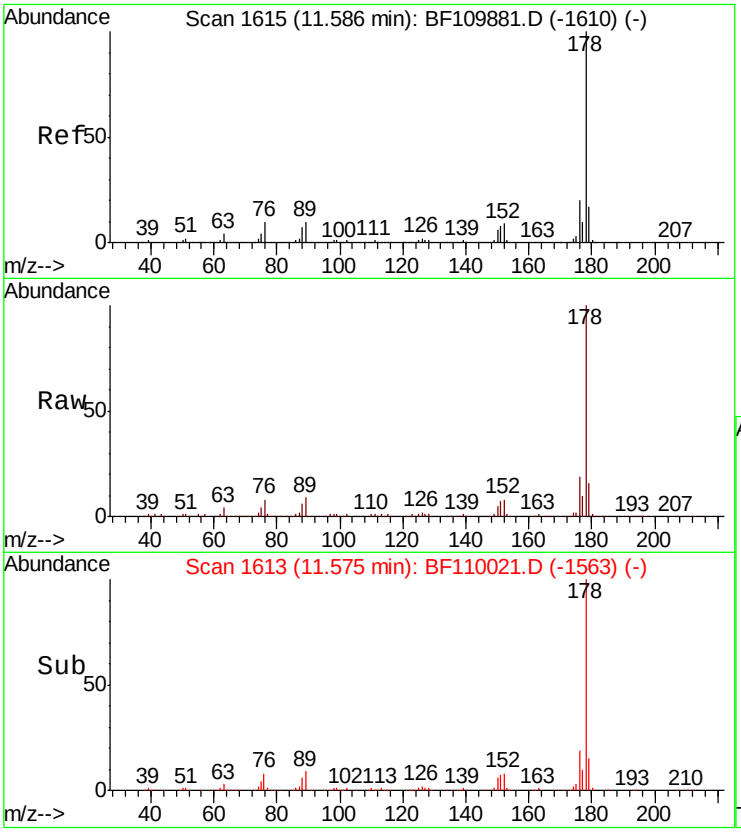


#71
Phenanthrene
Concen: 29.679 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Tgt Ion:178 Resp: 797859

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.9	12.5	18.7



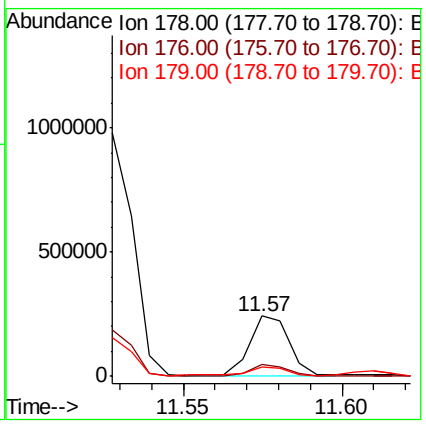


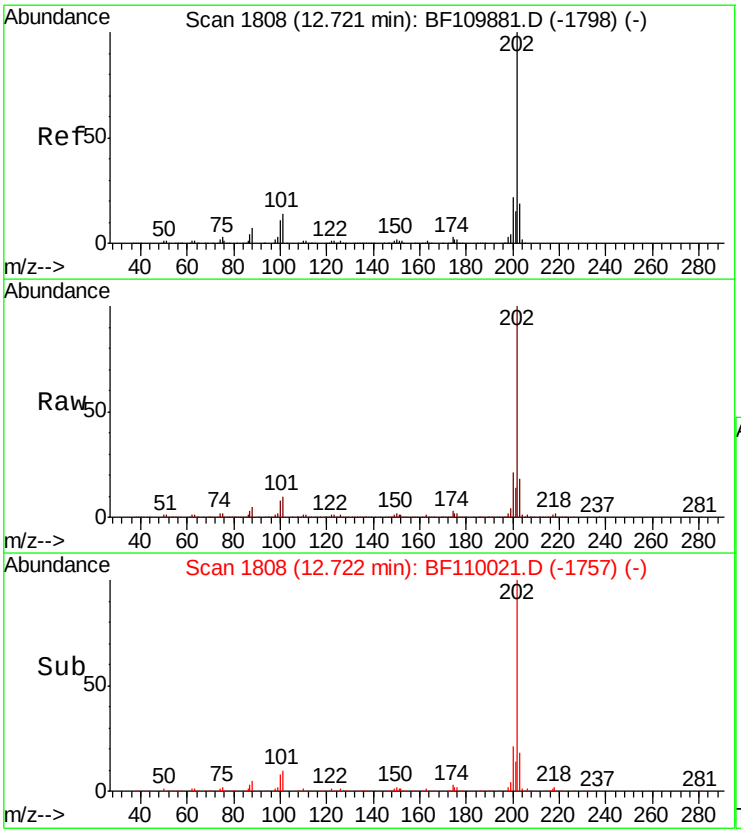
#72
Anthracene
Concen: 7.633 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 206302

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.5	12.6	18.8

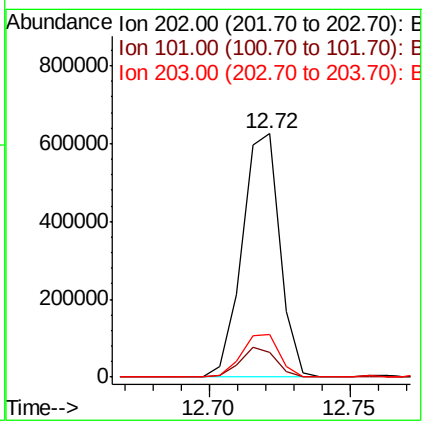


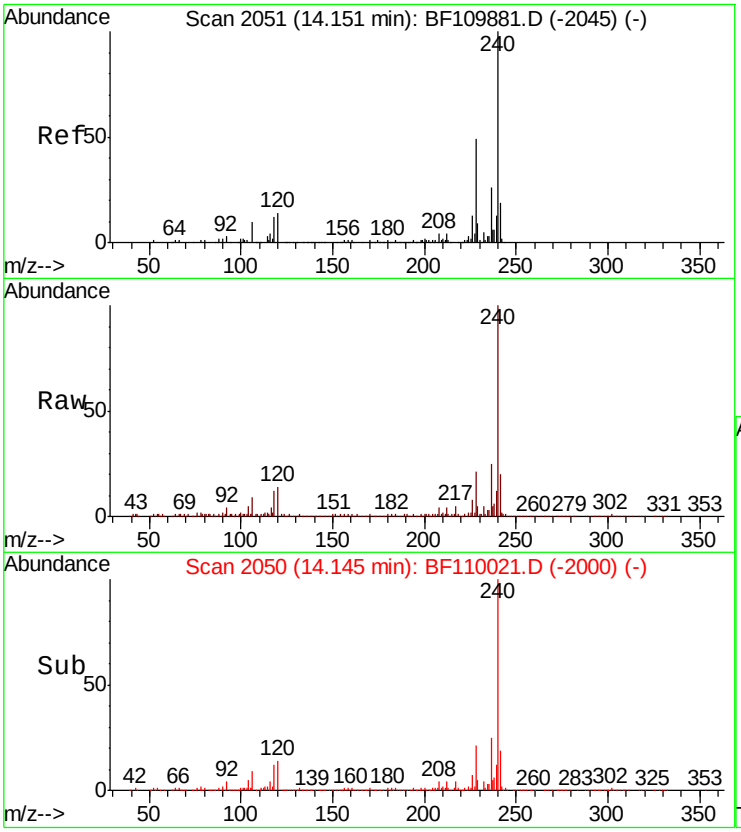


#75
Fluoranthene
Concen: 21.562 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Tgt Ion:202 Resp: 579055

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.4
203	17.6	0.0	37.7



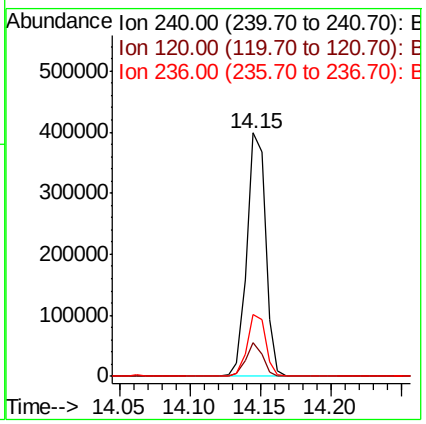


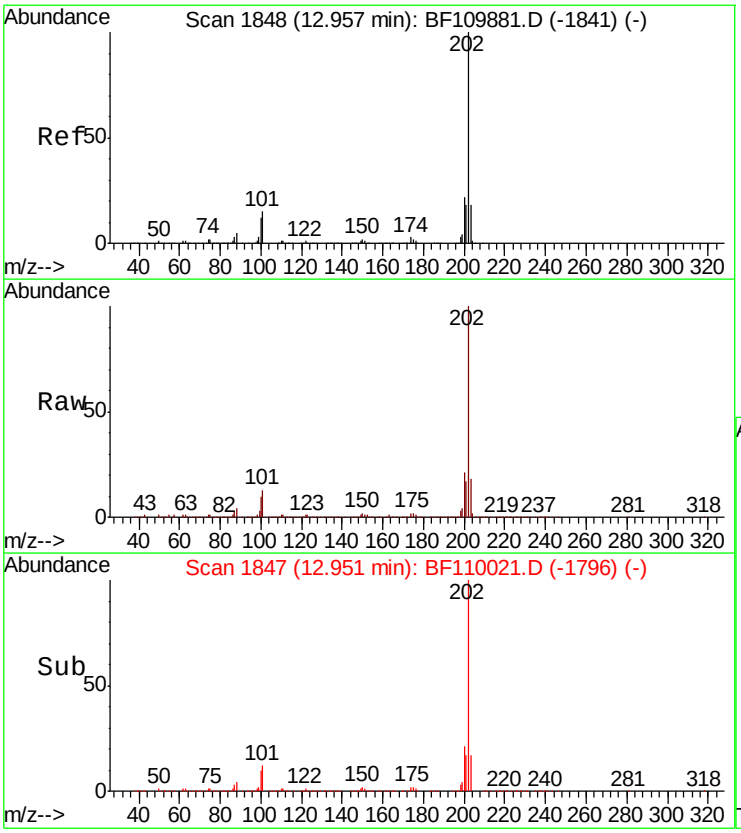
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 371935

Ion	Ratio	Lower	Upper
240	100		
120	13.7	8.3	12.5#
236	25.4	21.2	31.8

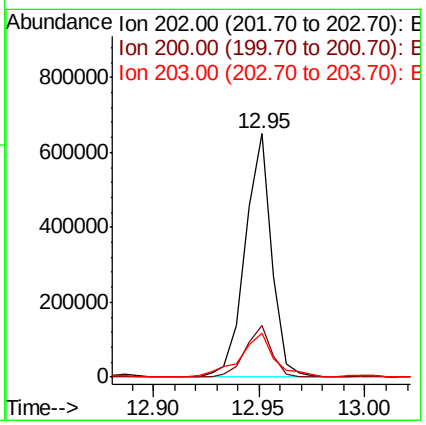


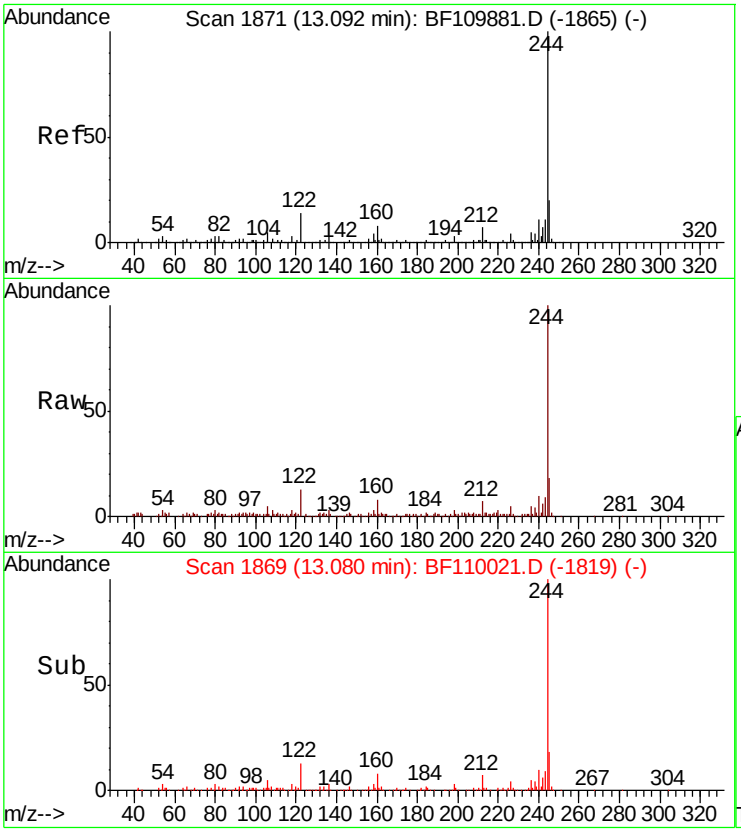


#78
Pyrene
Concen: 20.660 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Tgt Ion:202 Resp: 564389

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	17.9	14.2	21.4



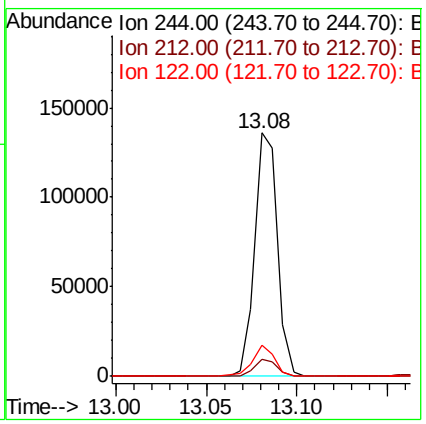


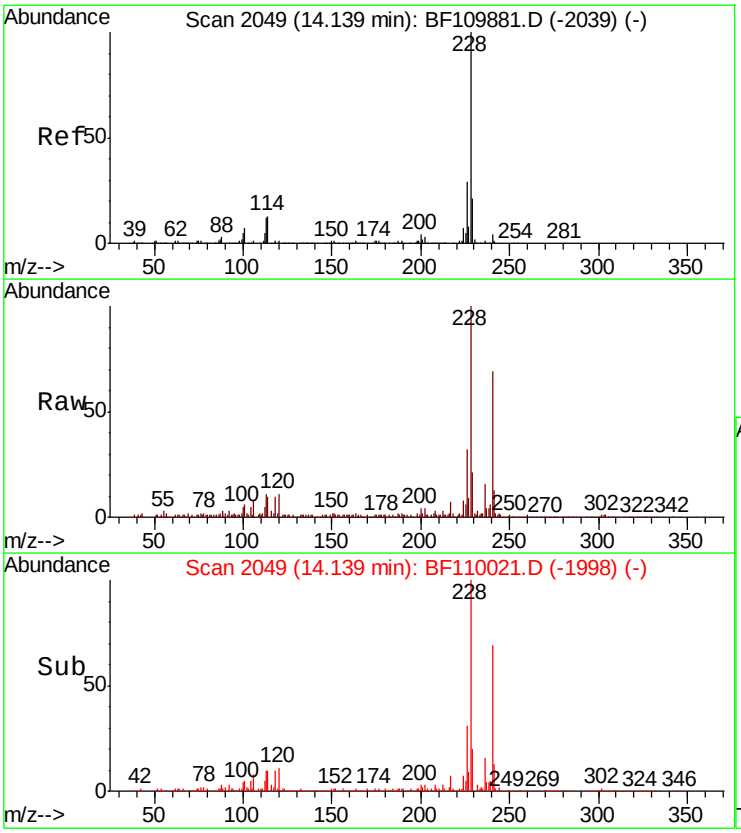
#79
Terphenyl-d14
Concen: 6.713 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 118908

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.8	8.7	13.1

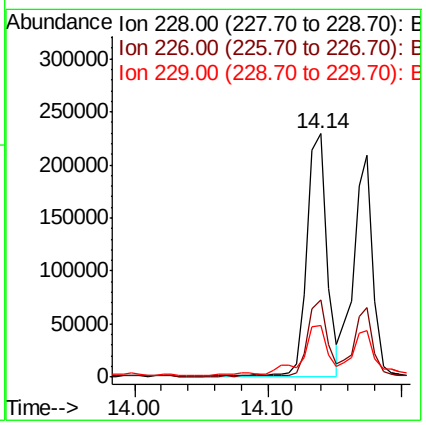


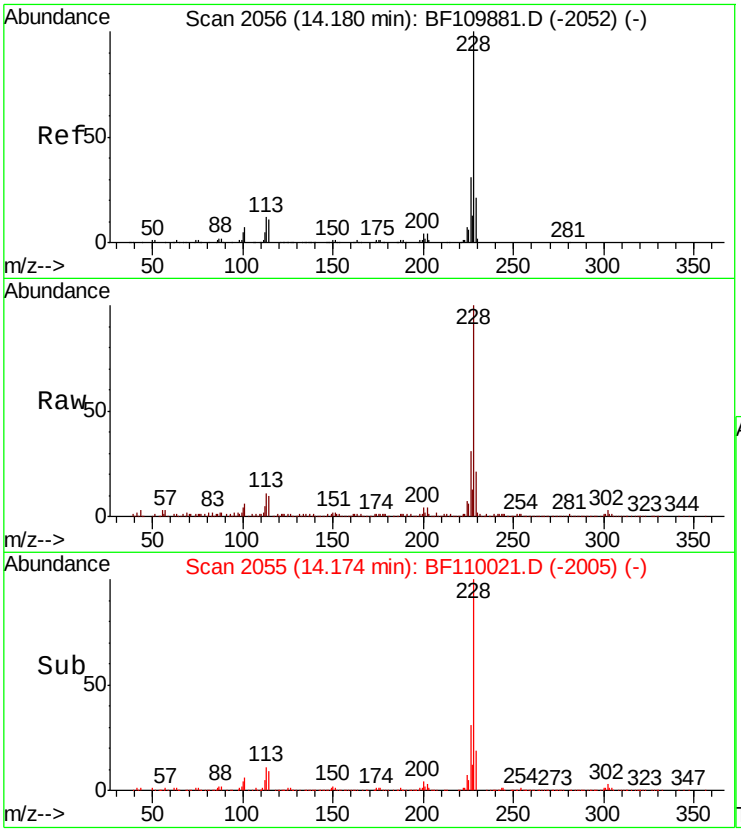


#81
Benzo(a)anthracene
Concen: 10.605 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Tgt Ion:228 Resp: 232331

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.1	33.1
229	21.0	15.6	23.4



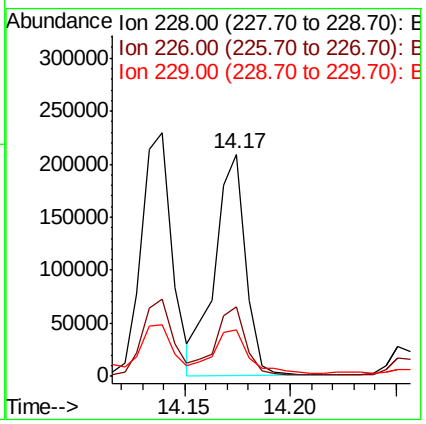


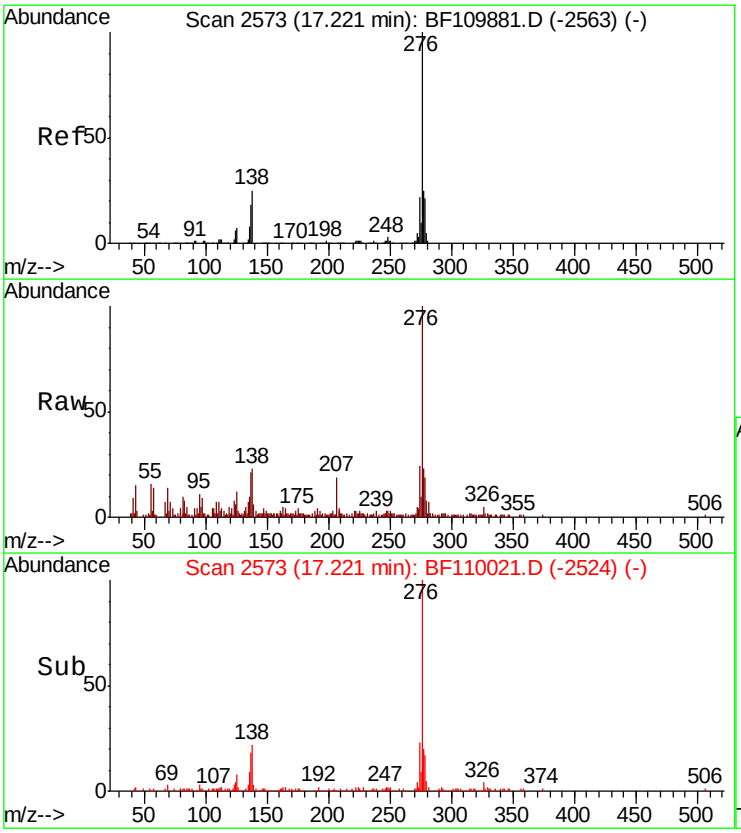
#83
Chrysene
Concen: 10.073 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 210048

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.7	37.1
229	21.0	15.9	23.9

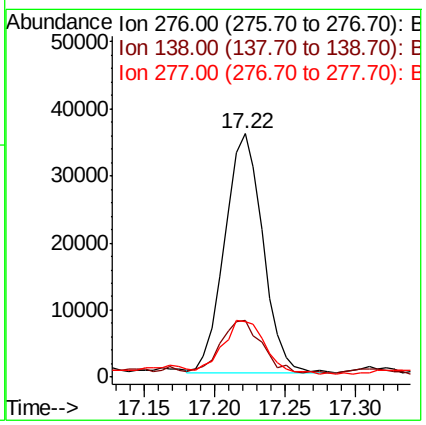


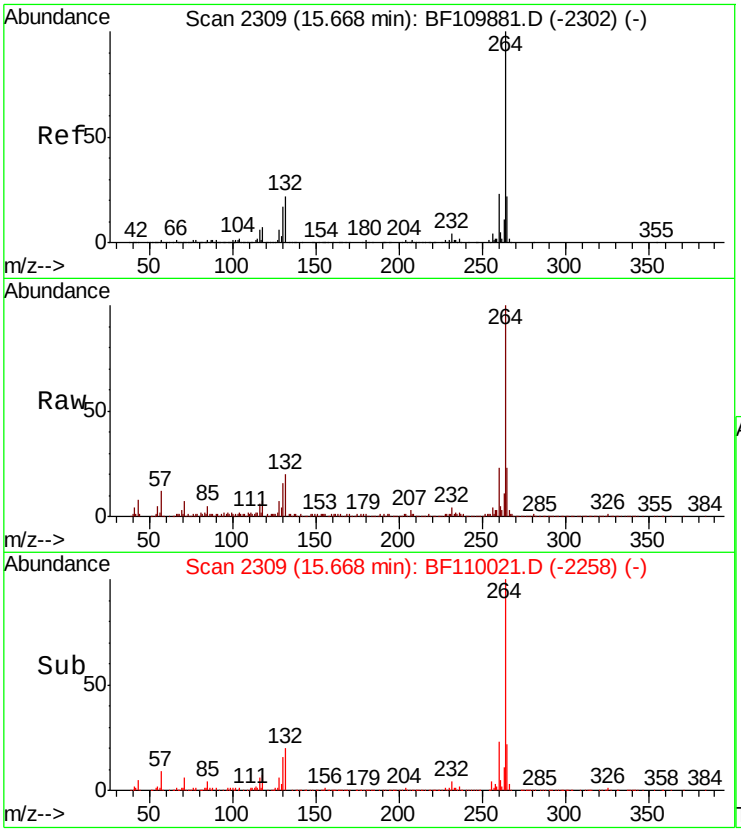


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.024 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Tgt Ion:276 Resp: 67567

Ion	Ratio	Lower	Upper
276	100		
138	23.7	18.5	27.7
277	25.2	20.0	30.0



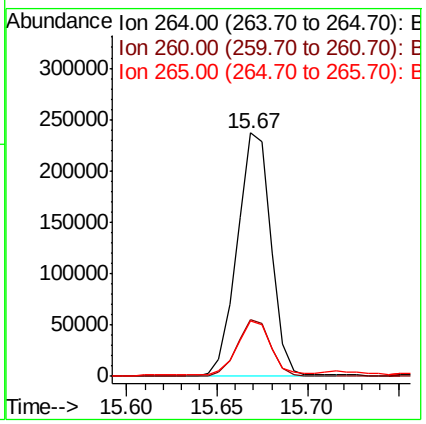


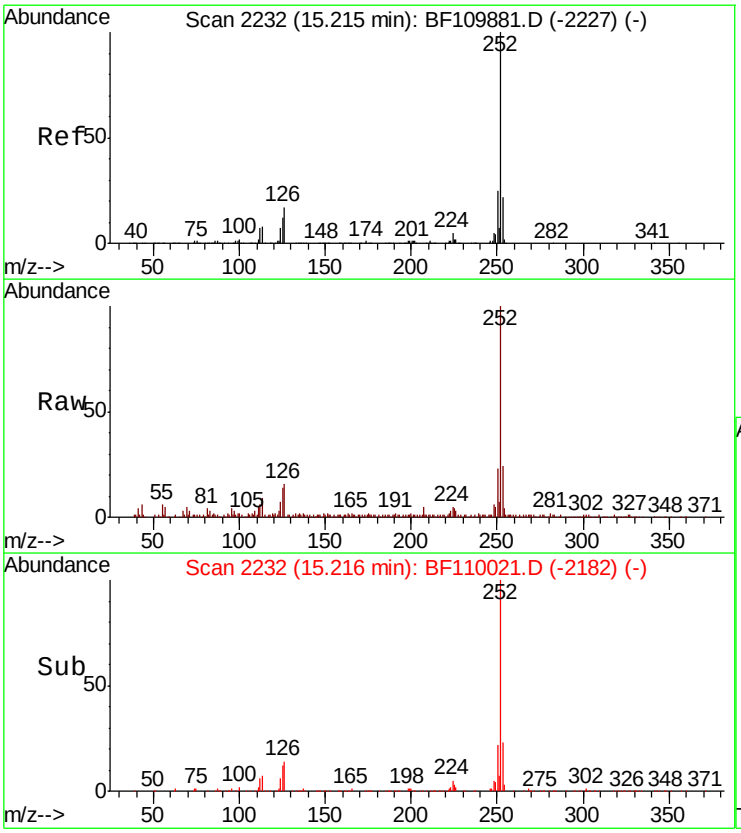
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 305588

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.8	16.7	25.1

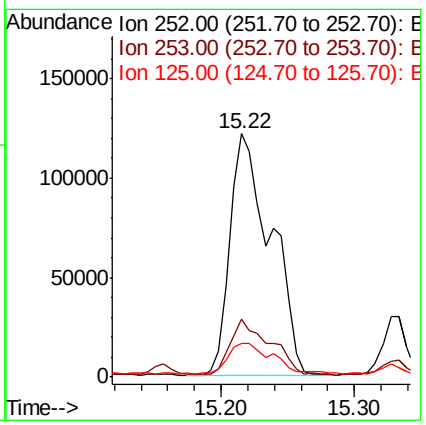


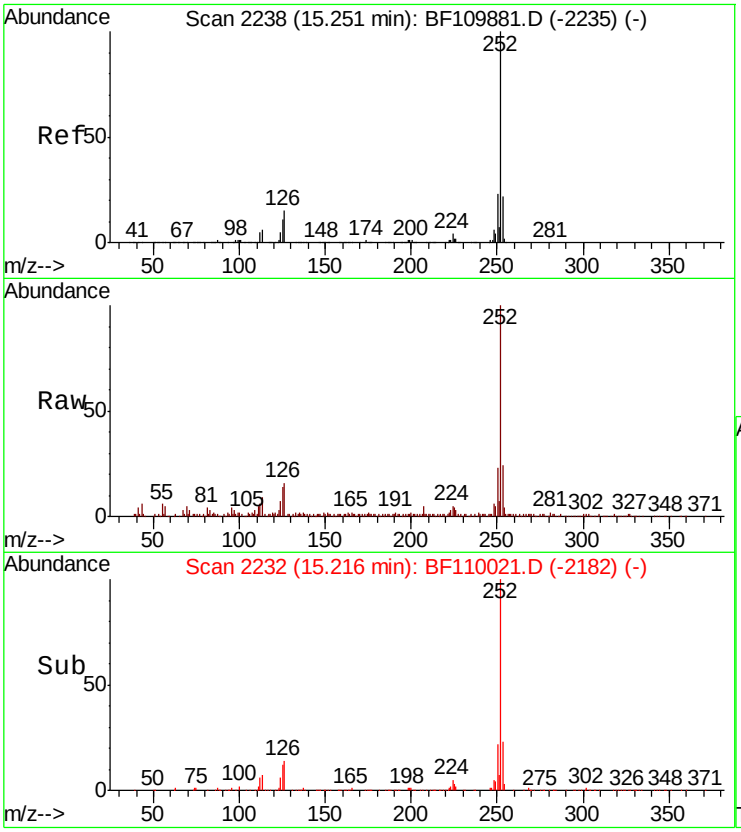


#88
Benzo(b)fluoranthene
Concen: 14.760 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Tgt Ion:252 Resp: 260030

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	13.8	8.2	12.4#



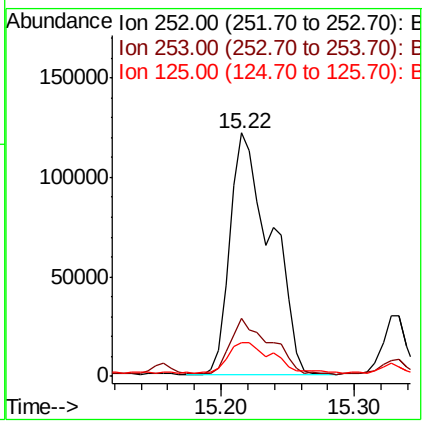


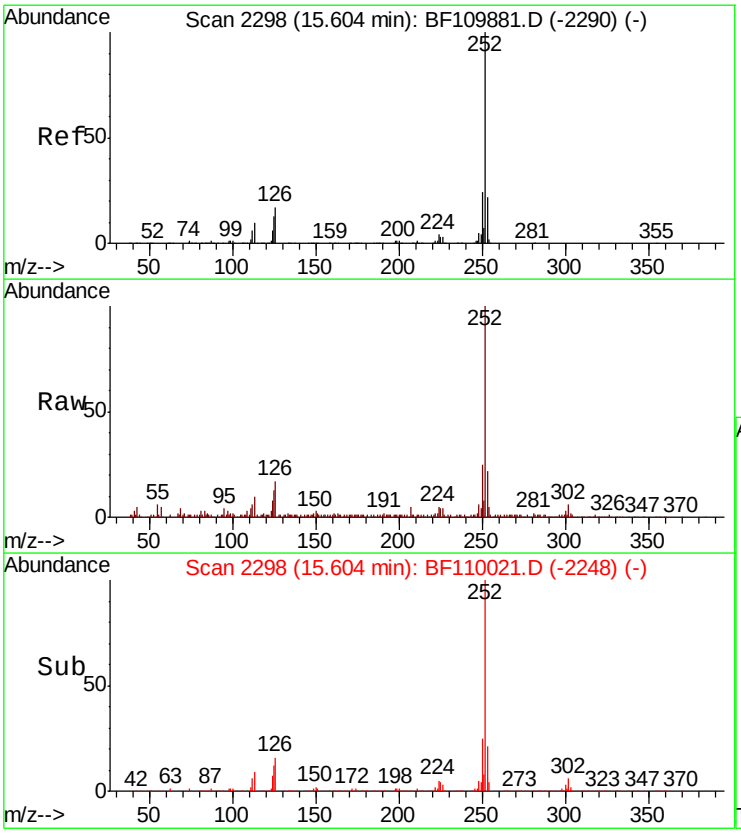
#89
Benzo(k)fluoranthene
Concen: 14.974 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 260030

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	13.8	7.4	11.0#

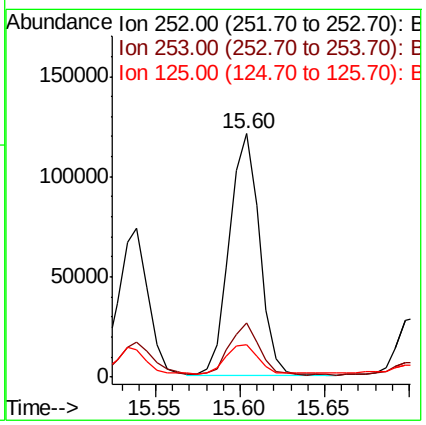


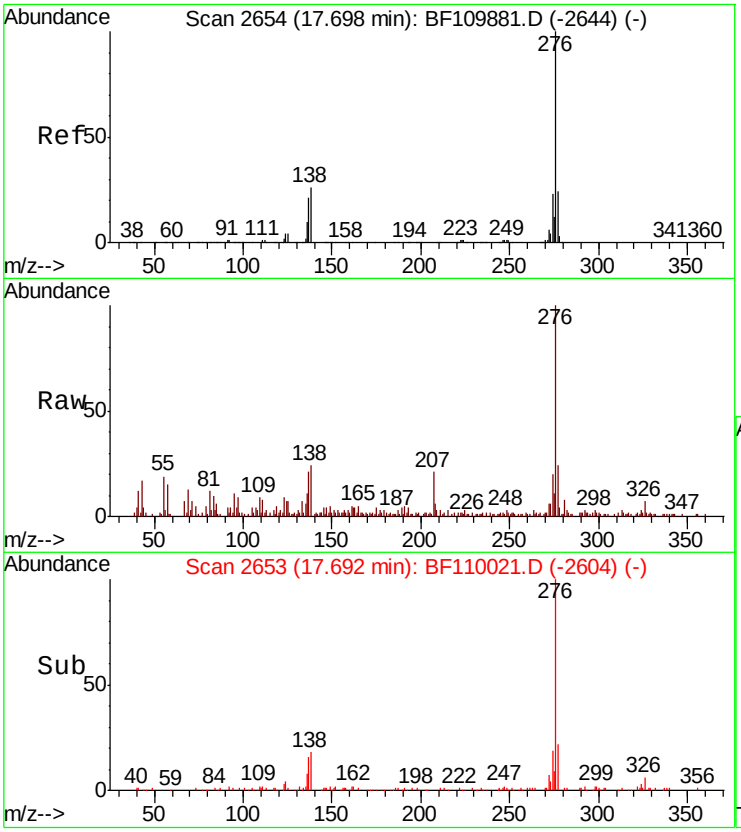


#90
Benzo(a)pyrene
Concen: 9.212 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Tgt Ion:252 Resp: 149269

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	13.3	9.0	13.6





#92
Benzo(g,h,i)perylene
Concen: 4.333 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.01 min
Lab File: BF110021.D
Acq: 19 Oct 2018 23:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 62865

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	23.5	16.0	24.0