Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 08 22:09:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	187645	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	703771	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	306295	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	517310	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	483049	20.00	ng		-0.01
87) Perylene-d12	15.27	264	445317	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	556902	46.17	ng		-0.01
7) Phenol-d6	6.36	99	725556	47.88	ng		0.00
23) Nitrobenzene-d5	7.29	82	413726	35.18	ng		-0.02
42) 2,4,6-Tribromophenol	10.54	330	174599	53.69	ng		-0.02
45) 2-Fluorobiphenyl	9.09	172	762719	35.15	ng		-0.01
79) Terphenyl-d14	12.82	244	655884	26.32	ng		-0.01
Target Compounds							Qvalue
37) 2-Methylnaphthalene	8.72	142	47606	2.110	ng		99
49) Acenaphthylene	9.62	152	69286	2.092	ng		99
50) Dimethylphthalate	9.48	163	53070	2.350	ng	#	95
65) 4,6-Dinitro-2-methylphenol	10.54	198	146	4.675	ng	#	1
71) Phenanthrene	11.26	178	172220	6.691	ng		97
75) Fluoranthene	12.44	202	245145	8.890	ng		98
78) Pyrene	12.67	202	357730	8.785	ng		99
81) Benzo(a)anthracene	13.89	228	167795	5.012	ng		94
83) Chrysene	13.89	228	167795	5.117	ng		97
88) Benzo(b)fluoranthene	14.87	252	187227	6.500	ng	#	92
89) Benzo(k)fluoranthene	14.87	252	187227	7.176	ng	#	92
90) Benzo(a)pyrene	15.20	252	119193	4.678	ng		94
92) Benzo(g,h,i)perylene	17.02	276	59603	2.730	ng		96

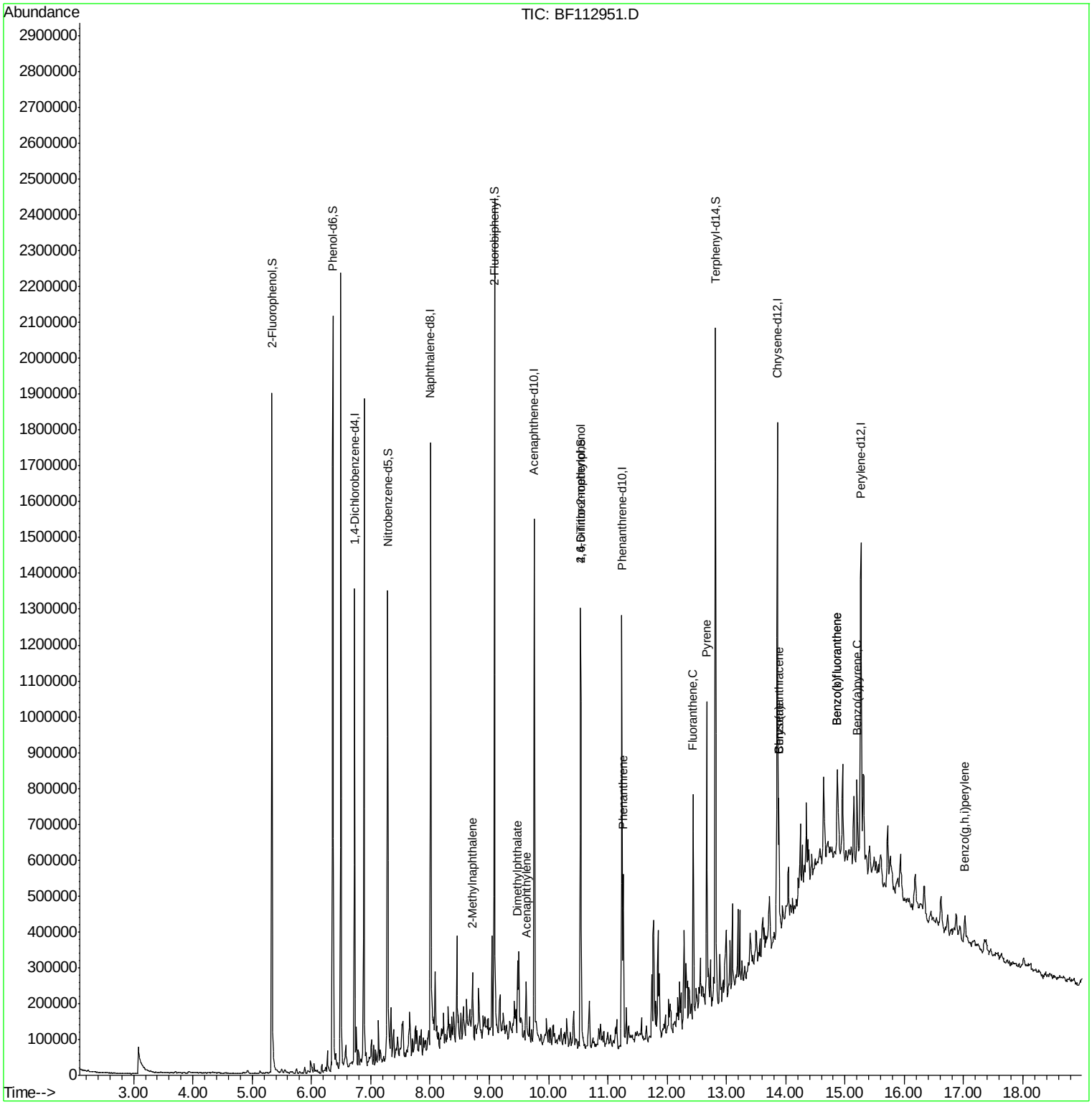
(#) = qualifier out of range (m) = manual integration (+) = signals summed

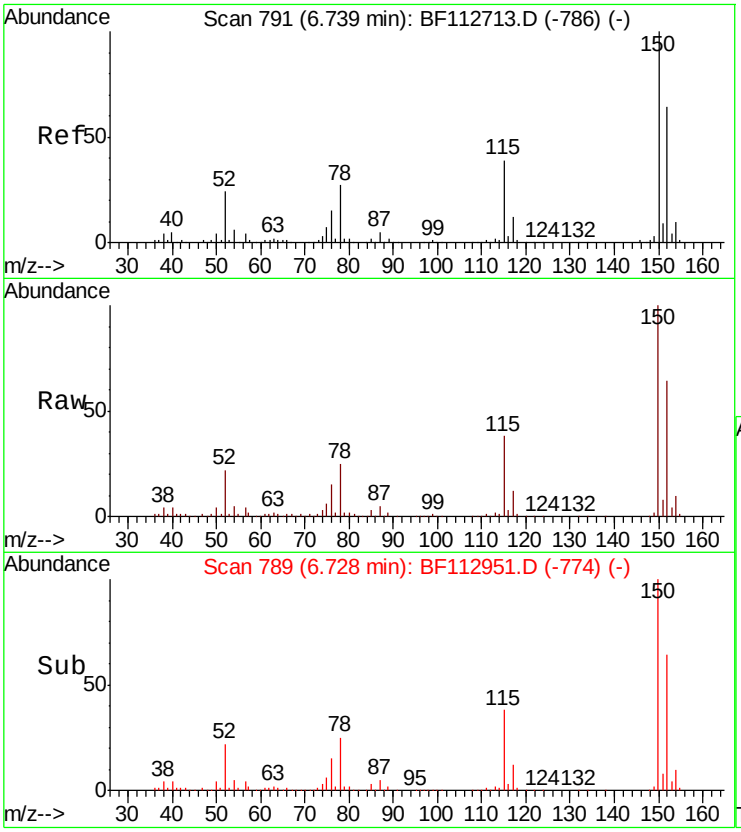
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
Data File : BF112951.D
Acq On : 8 Mar 2019 18:22
Operator : JU/SJ
Sample : K1693-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 08 22:09:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



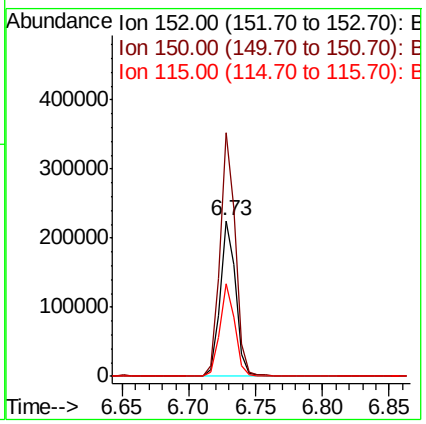


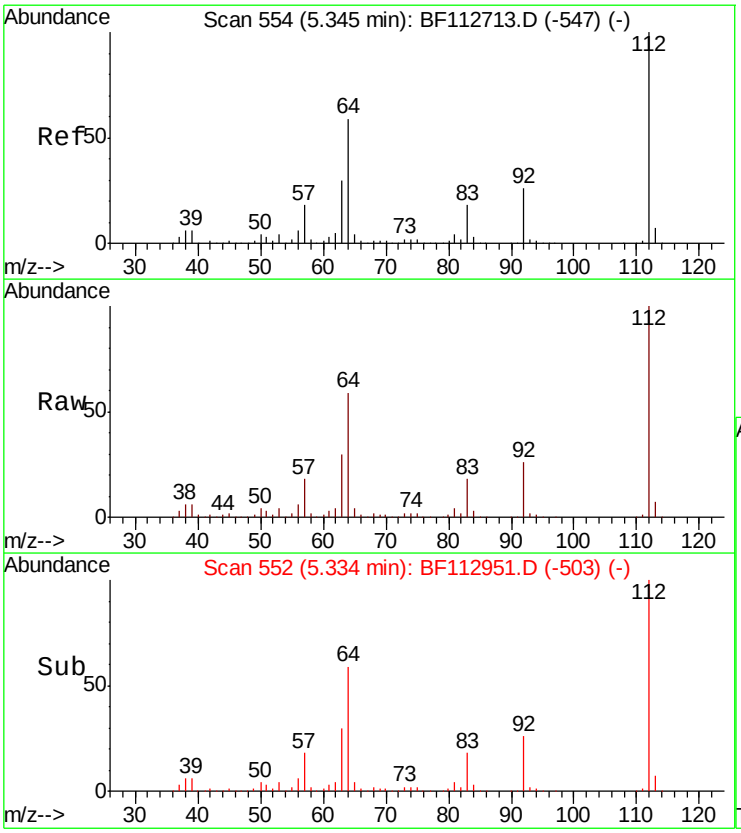
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 187645

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.2	186.2
115	59.4	48.2	72.4

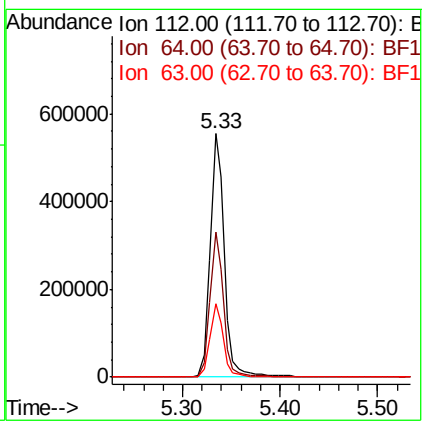


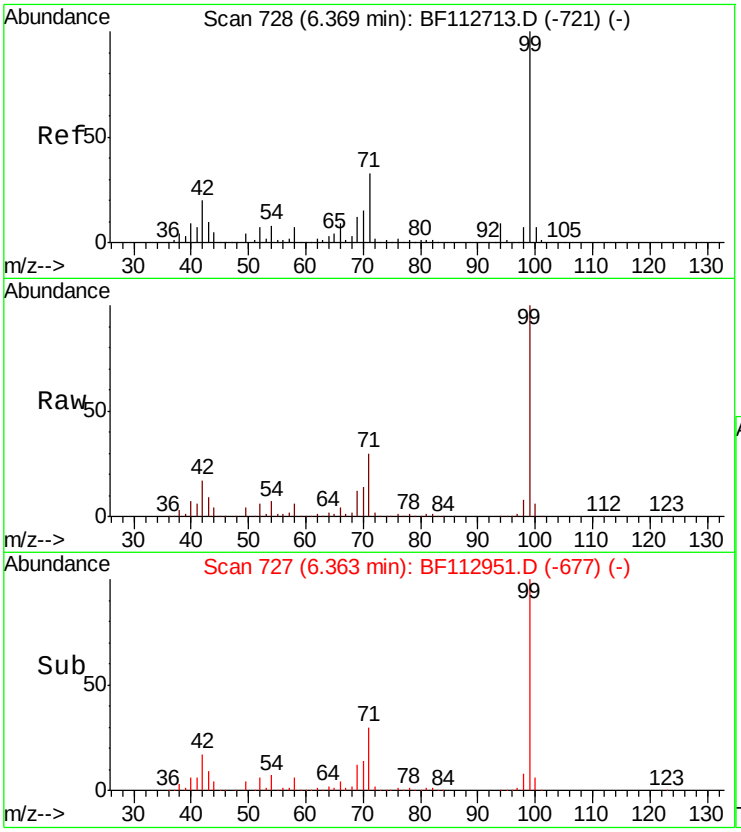


#5
2-Fluorophenol
Concen: 46.166 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Tgt Ion:112 Resp: 556902

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.6	71.4
63	30.3	24.4	36.6



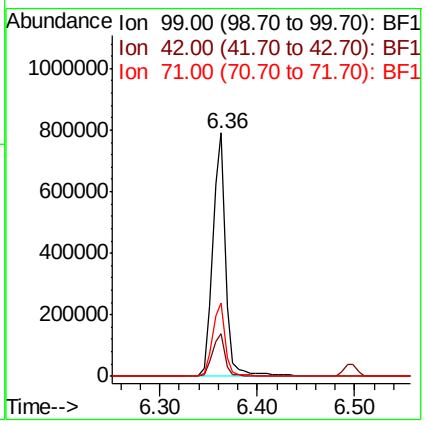


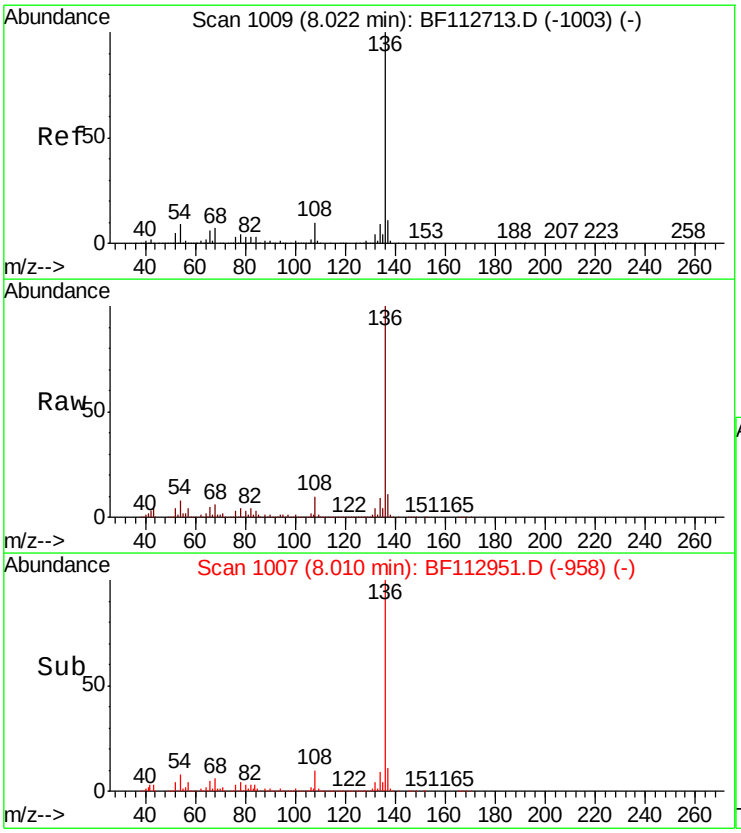
#7
Phenol-d6
Concen: 47.882 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 725556

Ion	Ratio	Lower	Upper
99	100		
42	17.3	16.3	24.5
71	30.2	26.2	39.4

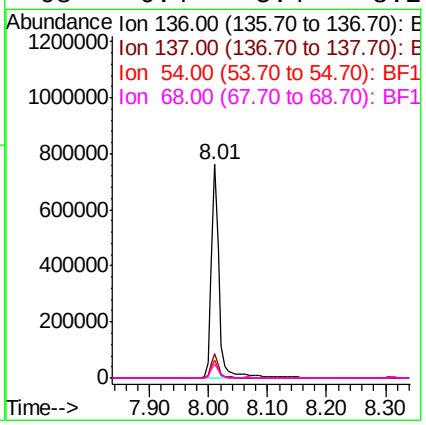


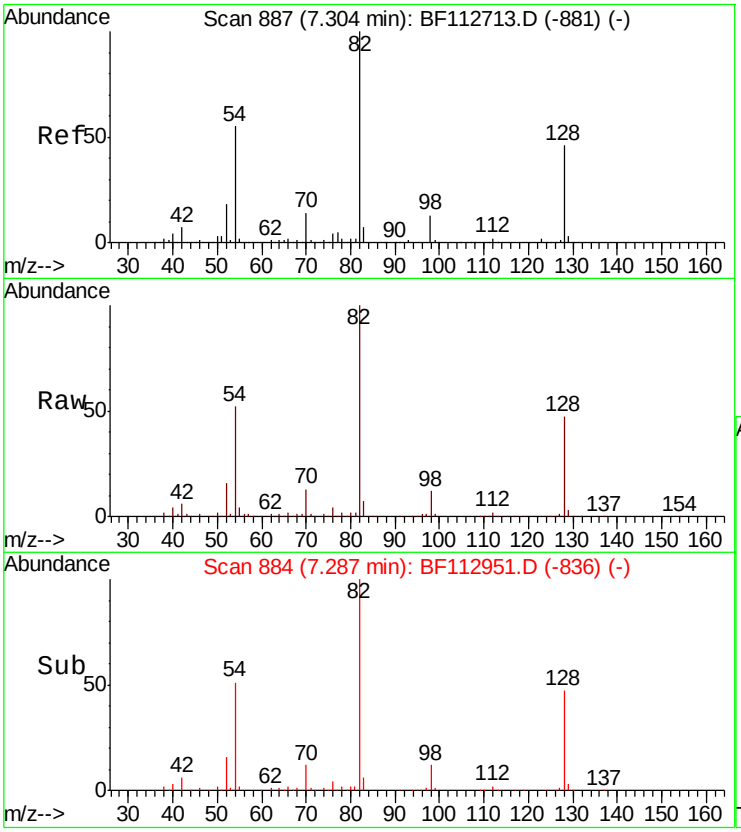


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Tgt Ion:136 Resp: 703771

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.3	7.3	10.9
68	6.4	5.4	8.2



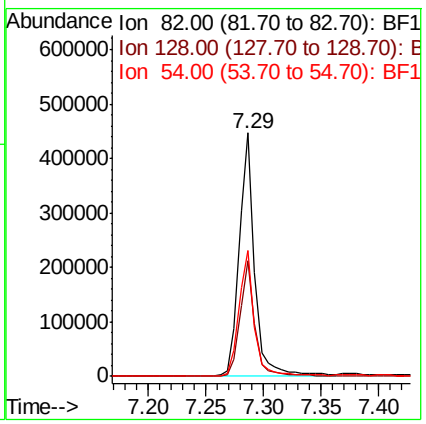


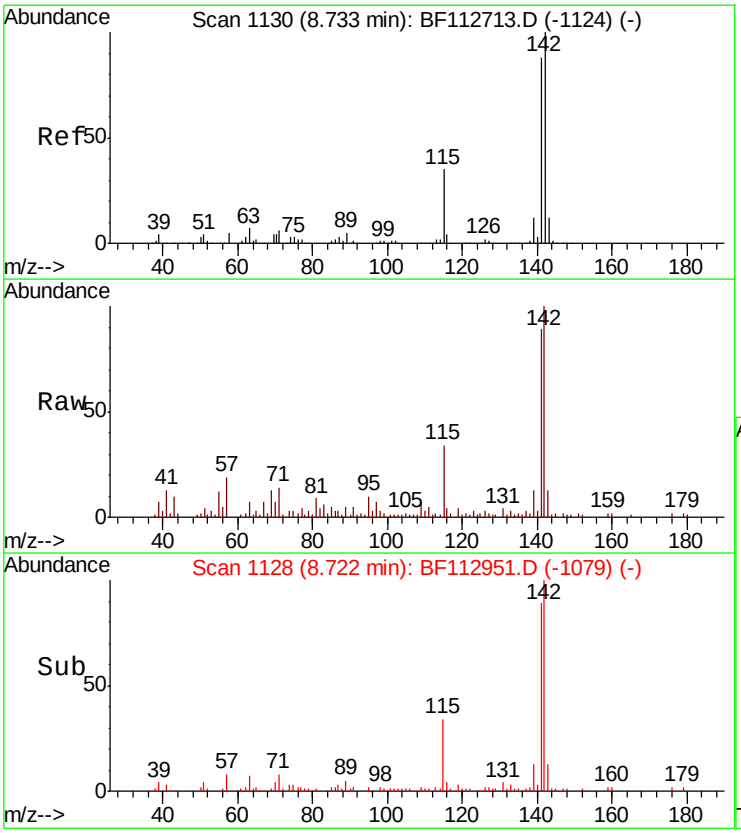
#23
Nitrobenzene-d5
Concen: 35.177 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 413726

Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.3	54.5
54	51.5	43.7	65.5

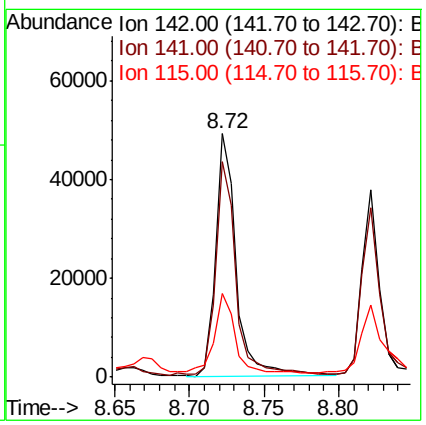


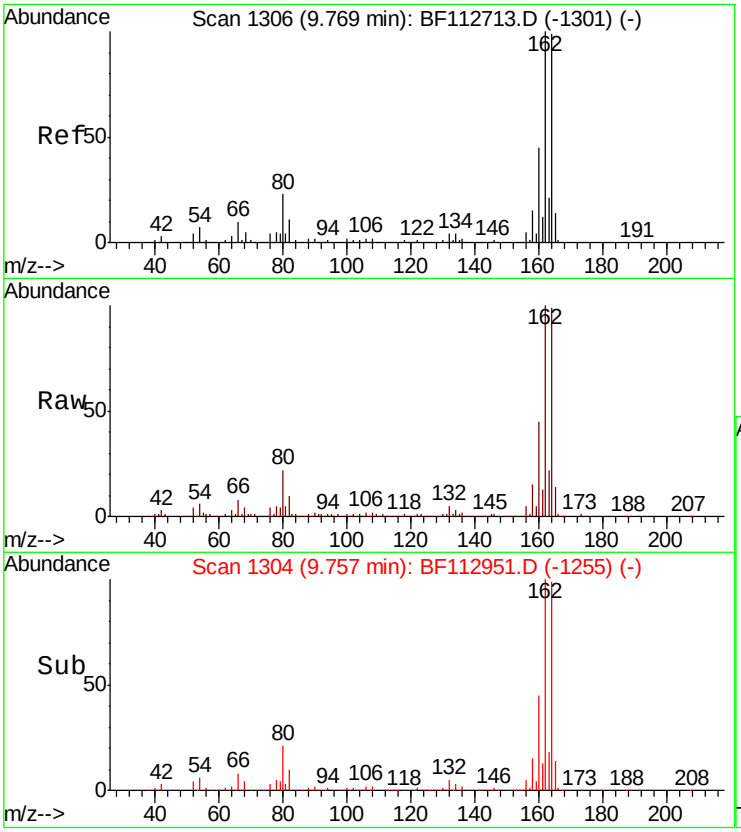


#37
2-Methylnaphthalene
Concen: 2.110 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Tgt Ion:142 Resp: 47606

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5
115	34.2	27.8	41.6



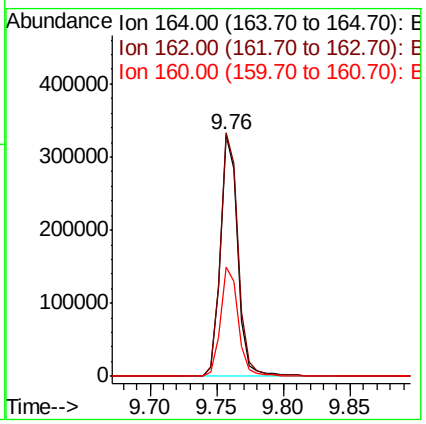


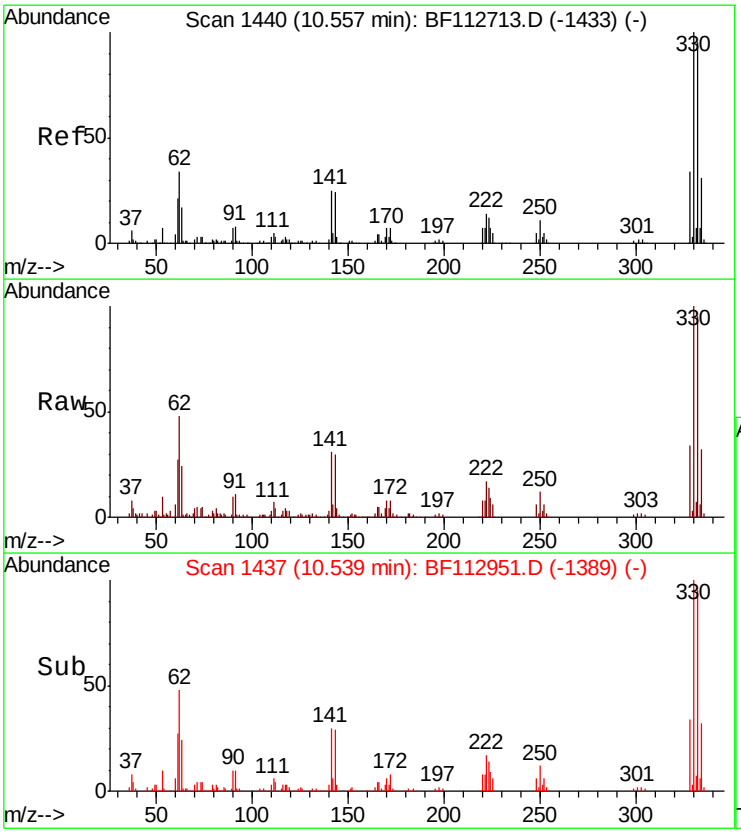
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 306295

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	45.4	36.0	54.0

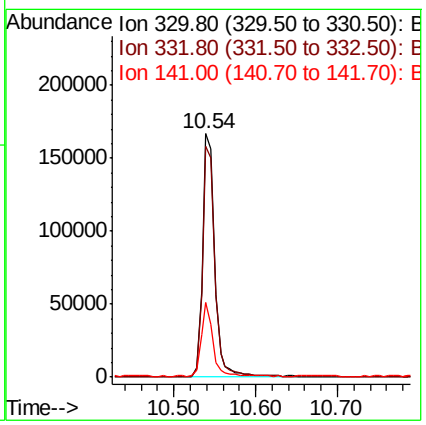


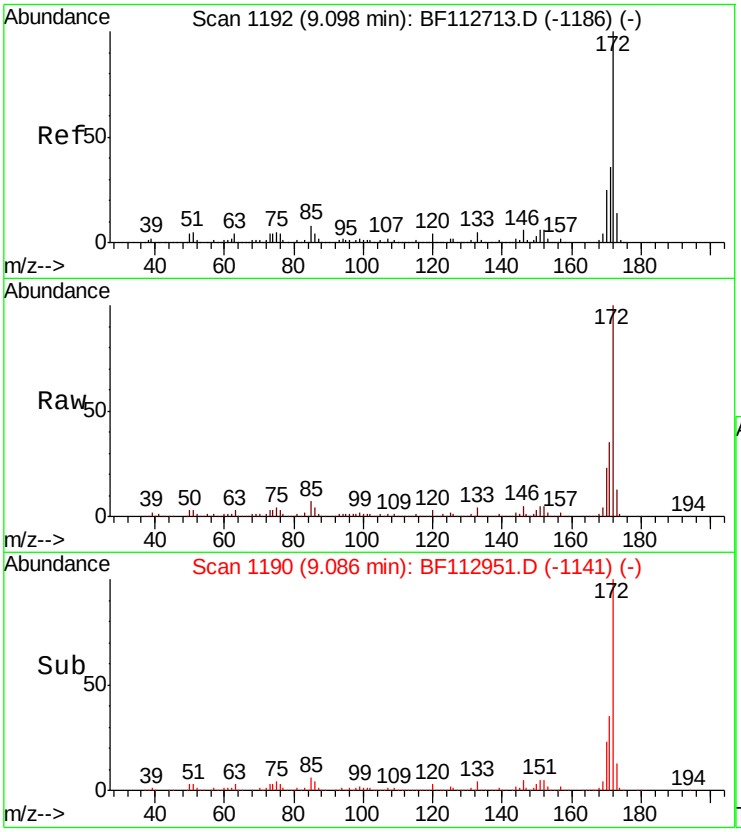


#42
2,4,6-Tribromophenol
Concen: 53.695 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.02 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Tgt Ion:330 Resp: 174599

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	28.6	27.0	40.6



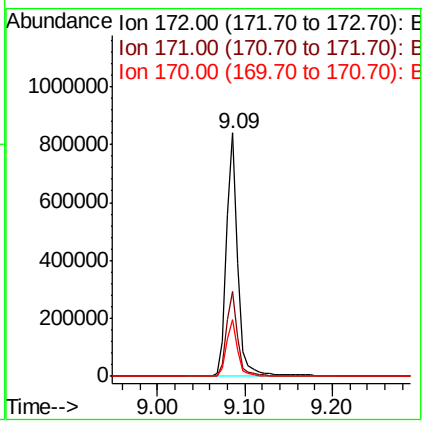


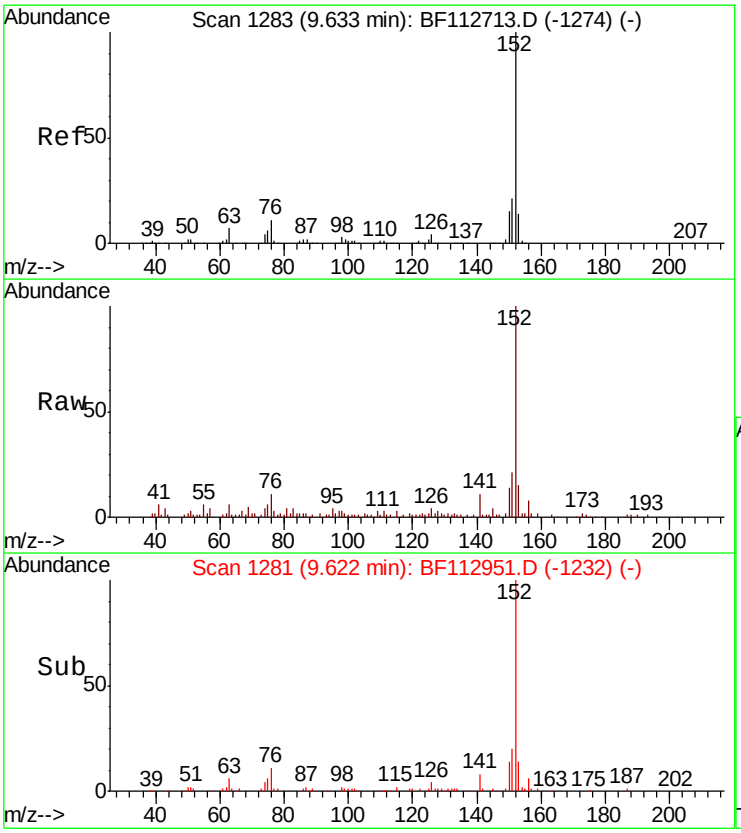
#45
2-Fluorobiphenyl
Concen: 35.147 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 762719

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.0	43.4
170	23.2	20.0	30.0

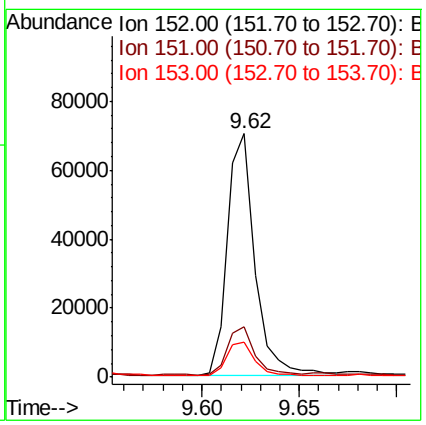


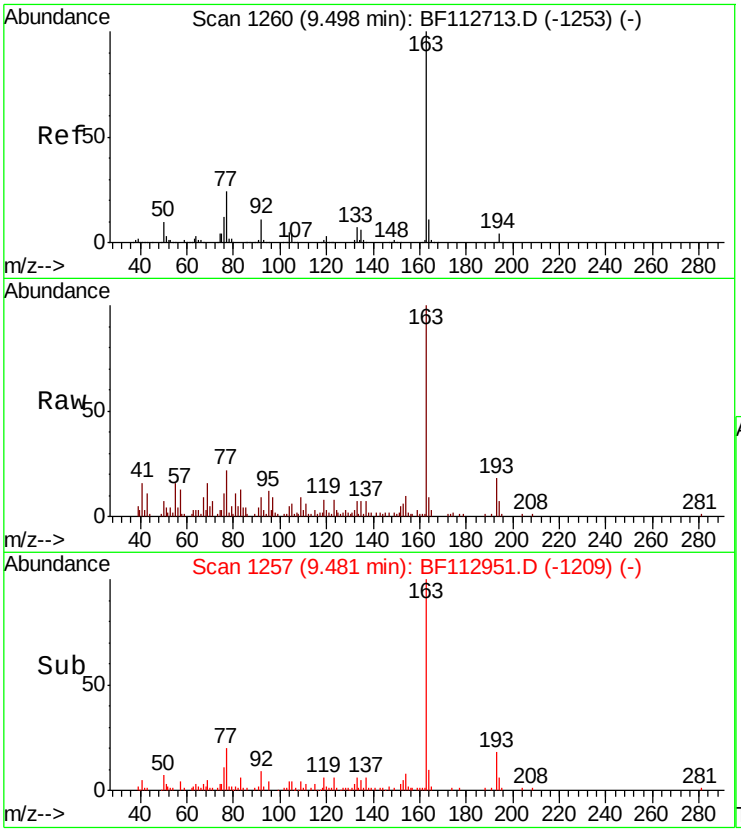


#49
Acenaphthylene
Concen: 2.092 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Tgt Ion:152 Resp: 69286

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	14.6	11.0	16.6



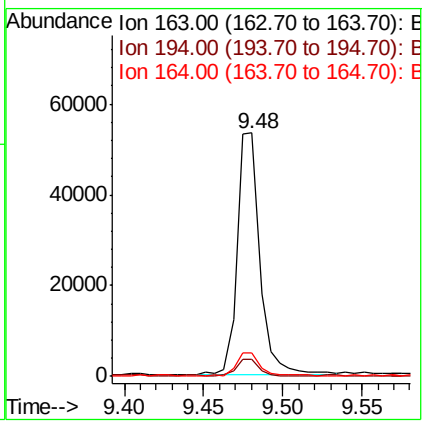


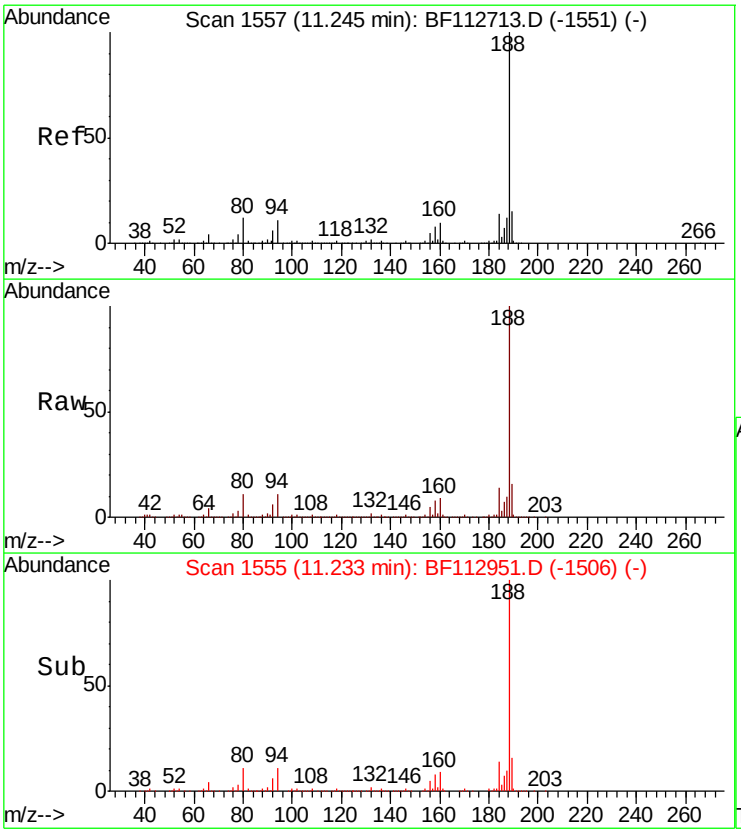
#50
Dimethylphthalate
Concen: 2.350 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 53070

Ion	Ratio	Lower	Upper
163	100		
194	7.2	3.0	4.4#
164	9.5	8.4	12.6

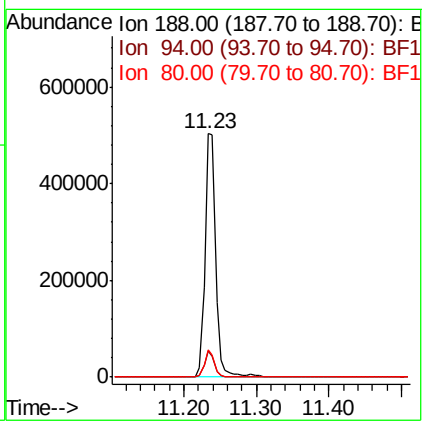


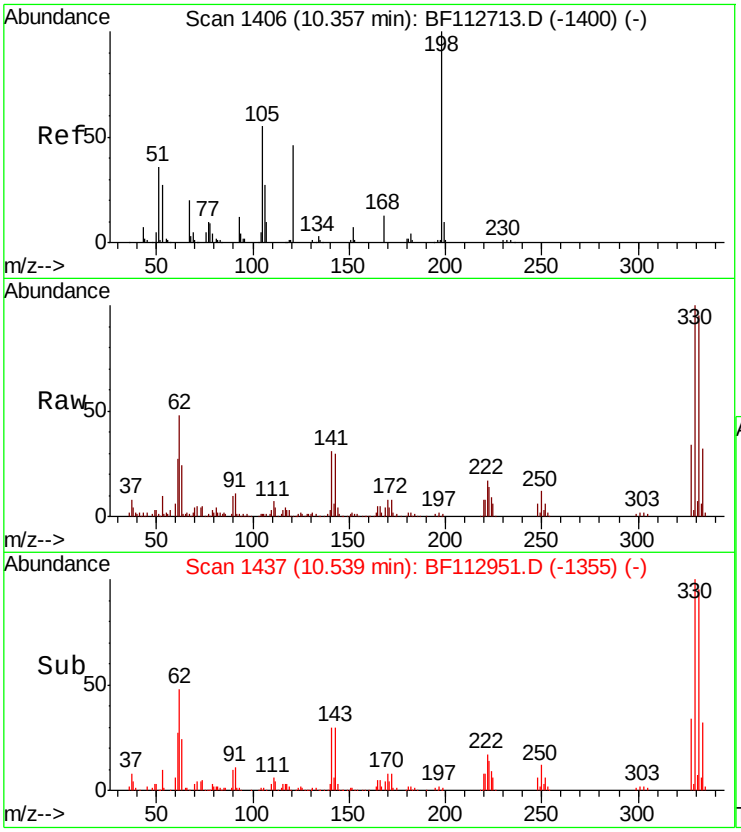


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Tgt Ion:188 Resp: 517310

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.0	13.4
80	11.1	9.2	13.8



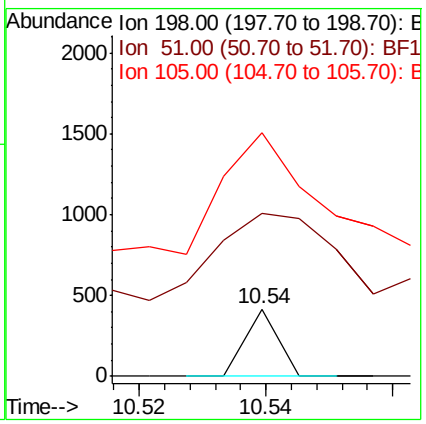


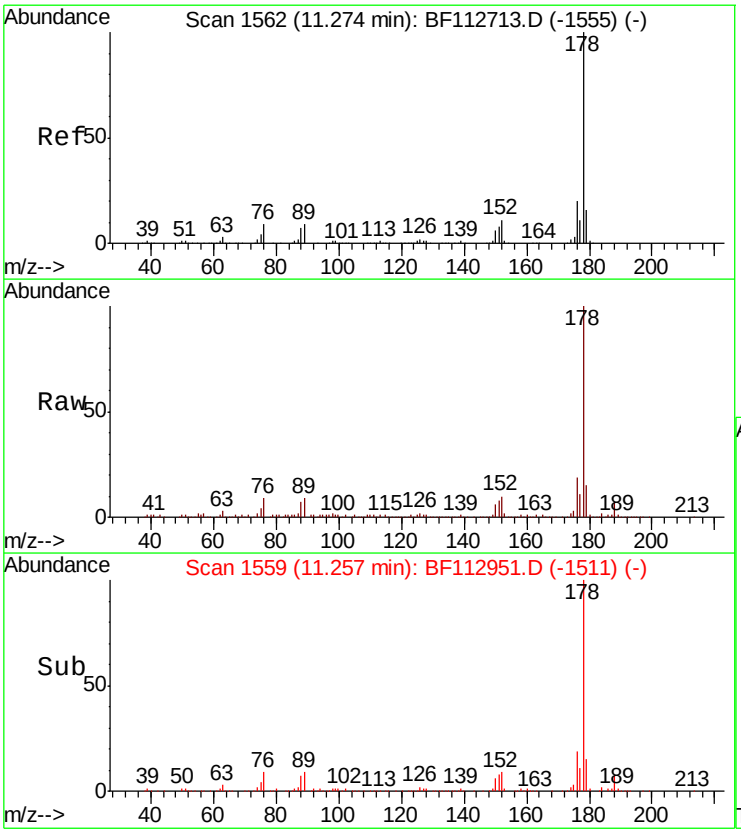
#65
4,6-Dinitro-2-methylphenol
Concen: 4.675 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 146

Ion	Ratio	Lower	Upper
198	100		
51	242.9	43.8	83.8#
105	362.9	36.5	76.5#

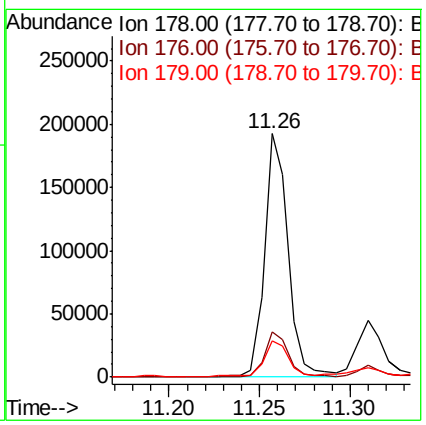


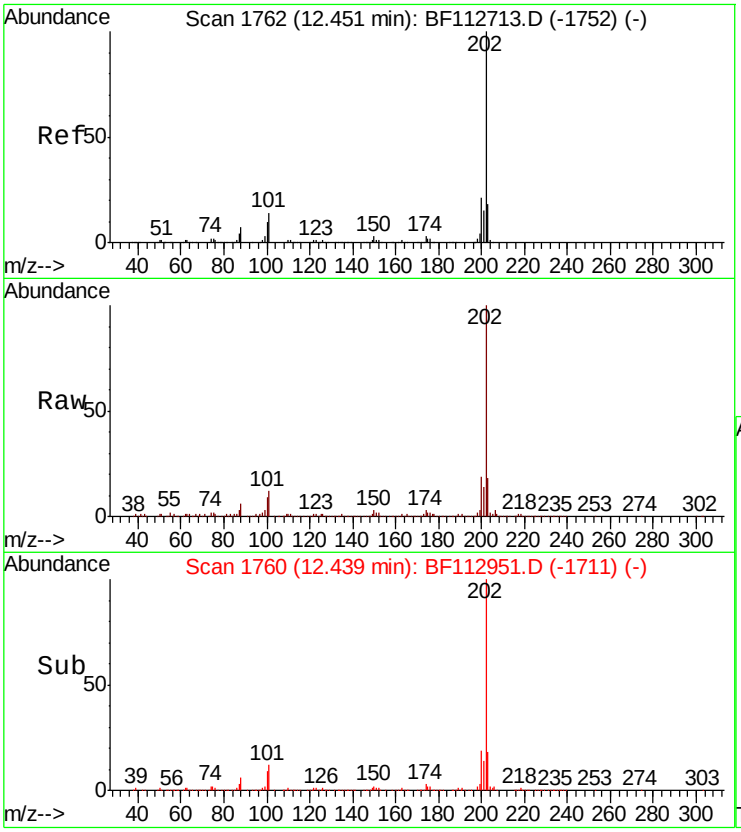


#71
Phenanthrene
Concen: 6.691 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Tgt Ion:178 Resp: 172220

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.3	24.5
179	15.1	12.7	19.1



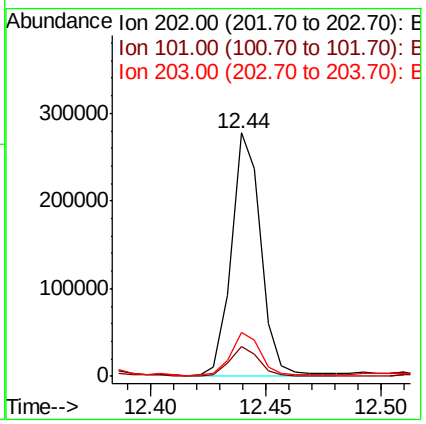


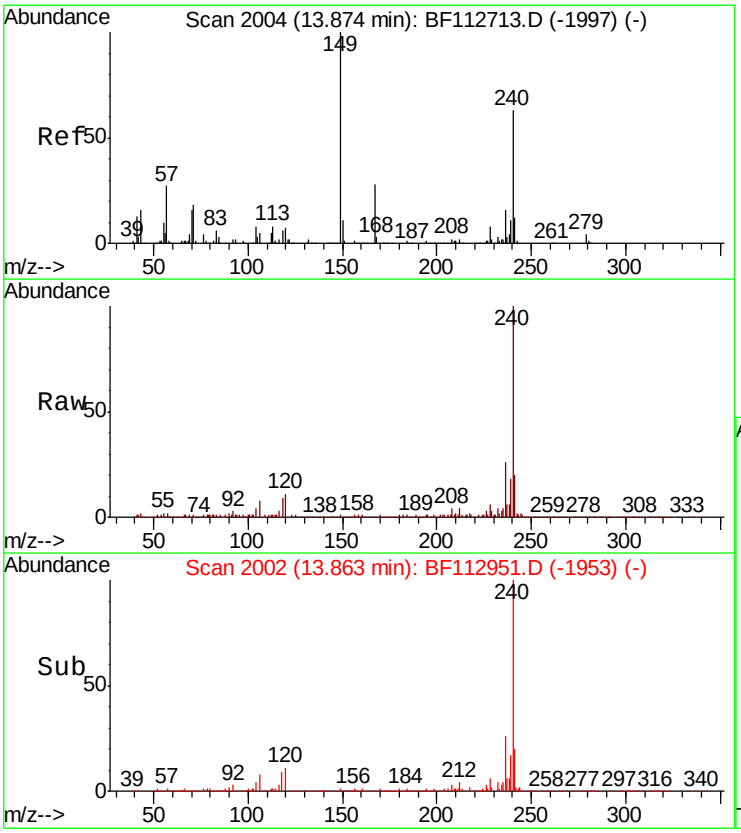
#75
Fluoranthene
Concen: 8.890 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 245145

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.8
203	17.9	0.0	38.4

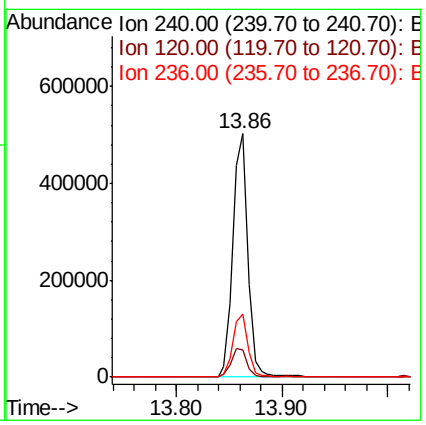


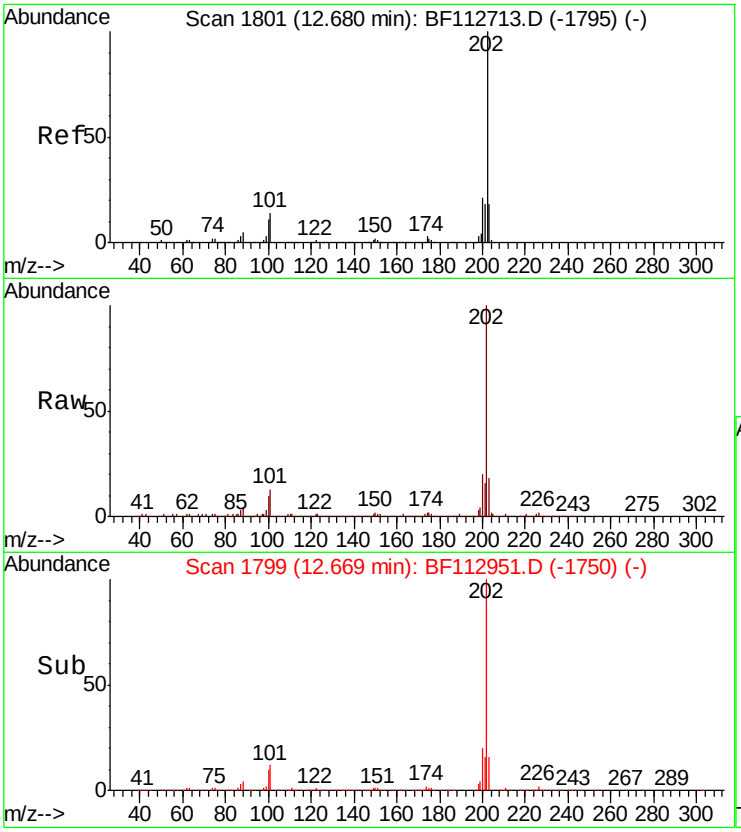


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Tgt Ion:240 Resp: 483049

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	26.1	20.7	31.1



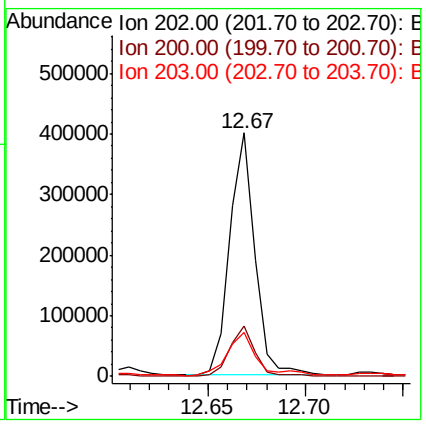


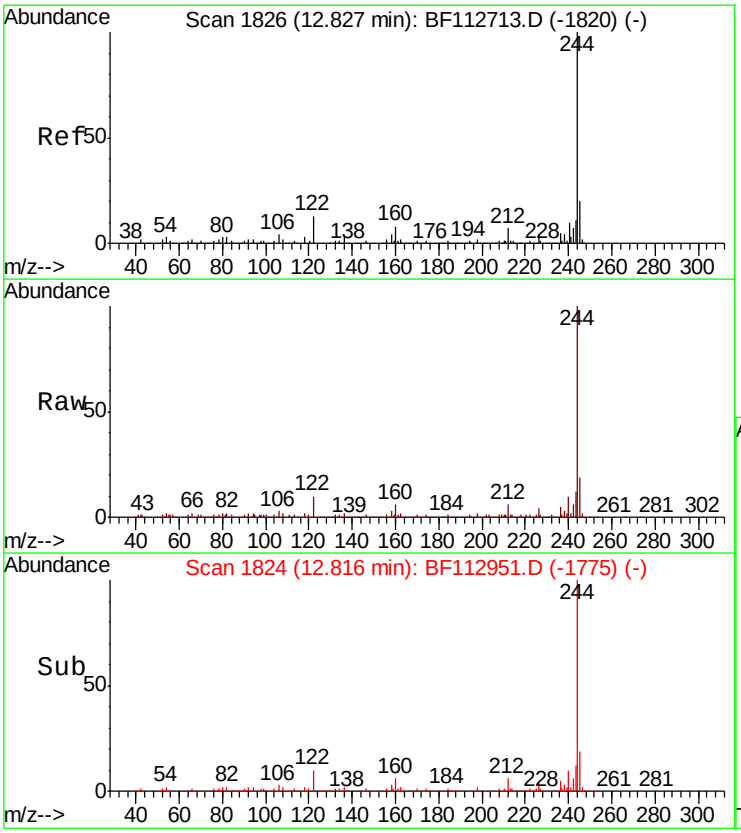
#78
Pyrene
Concen: 8.785 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 357730

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.4
203	17.9	14.4	21.6

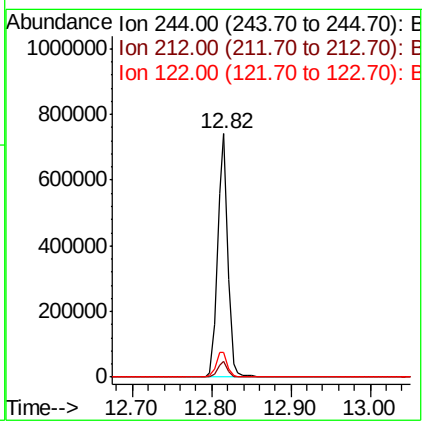


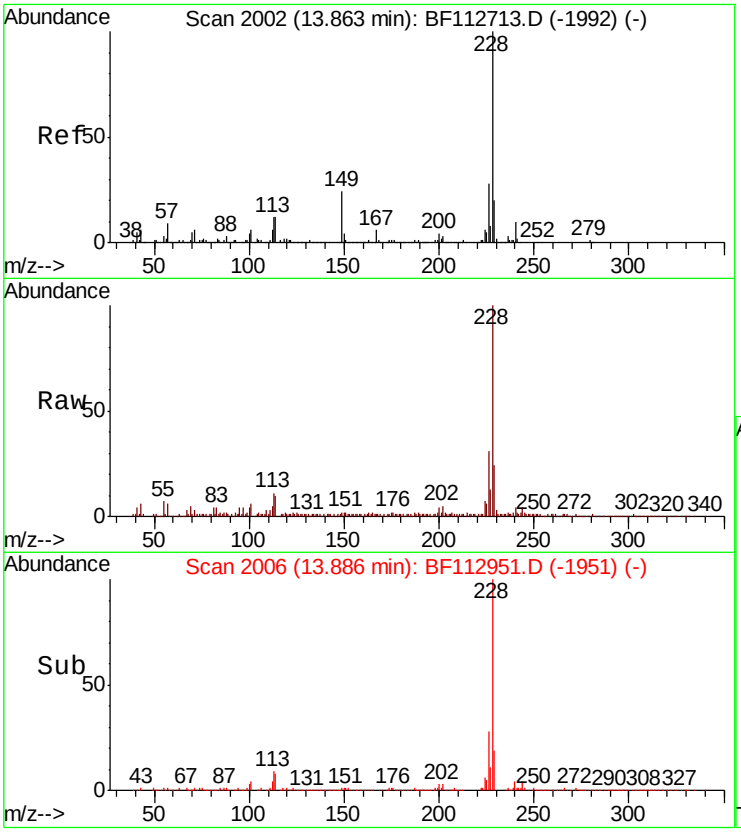


#79
Terphenyl-d14
Concen: 26.321 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Tgt Ion:244 Resp: 655884

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	10.1	10.5	15.7#



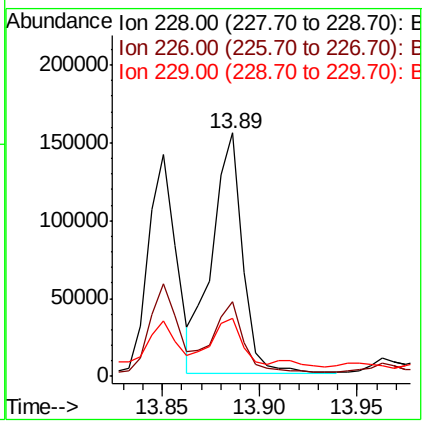


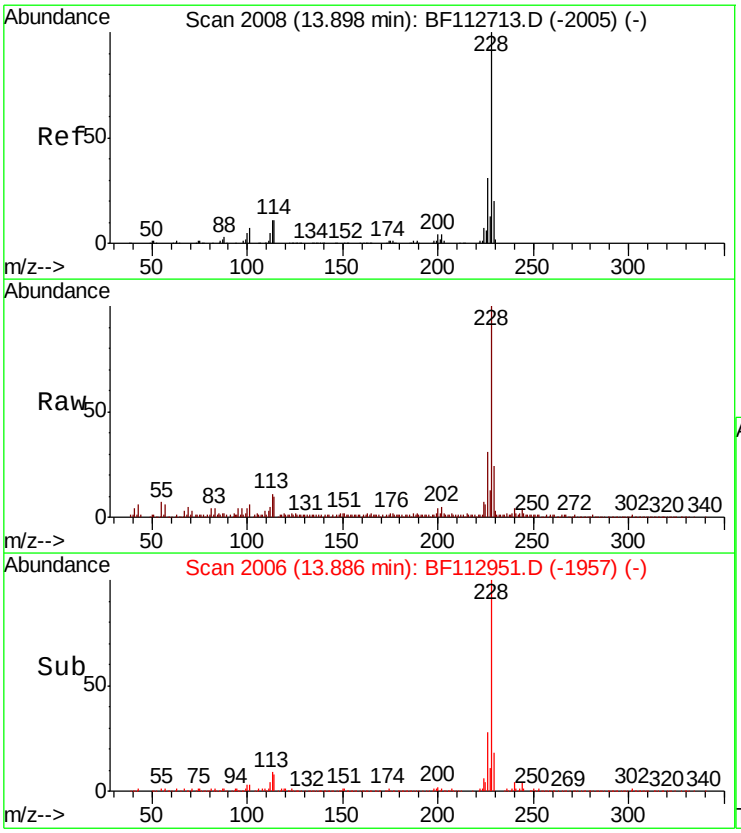
#81
Benzo(a)anthracene
Concen: 5.012 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 167795

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.2	33.4
229	23.7	16.0	24.0

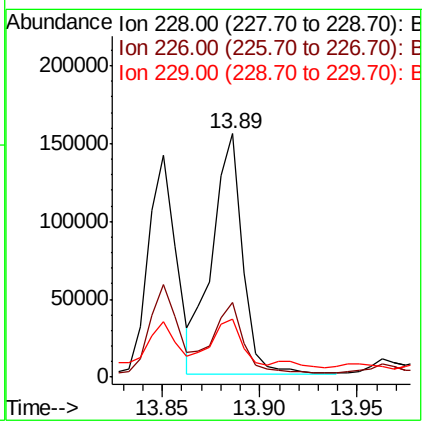


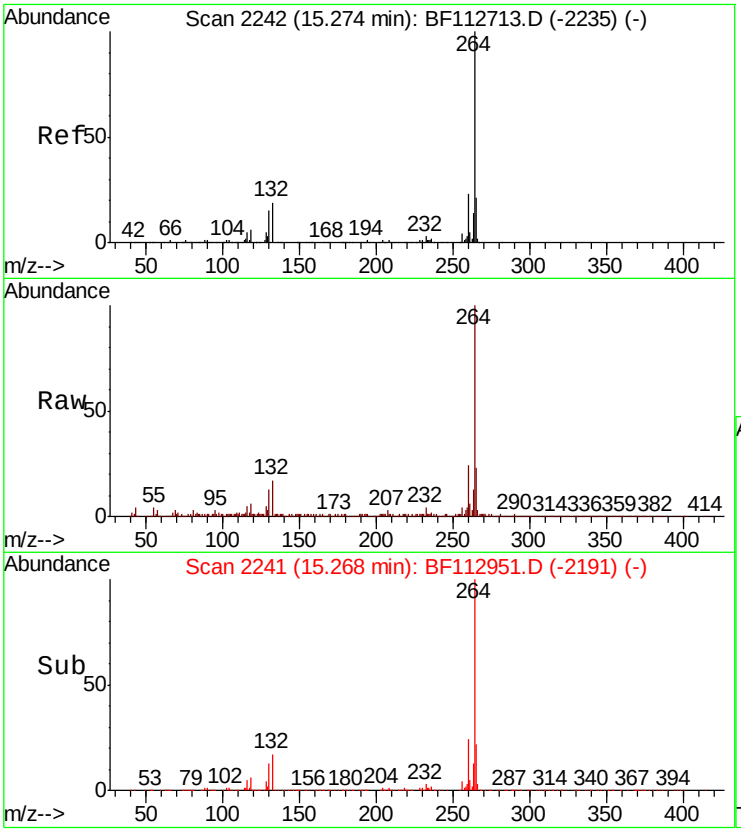


#83
Chrysene
Concen: 5.117 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Tgt Ion:228 Resp: 167795

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	23.7	16.3	24.5



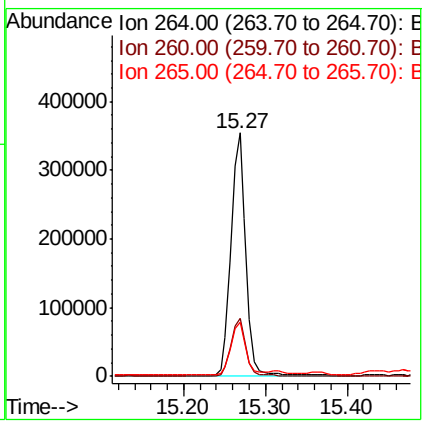


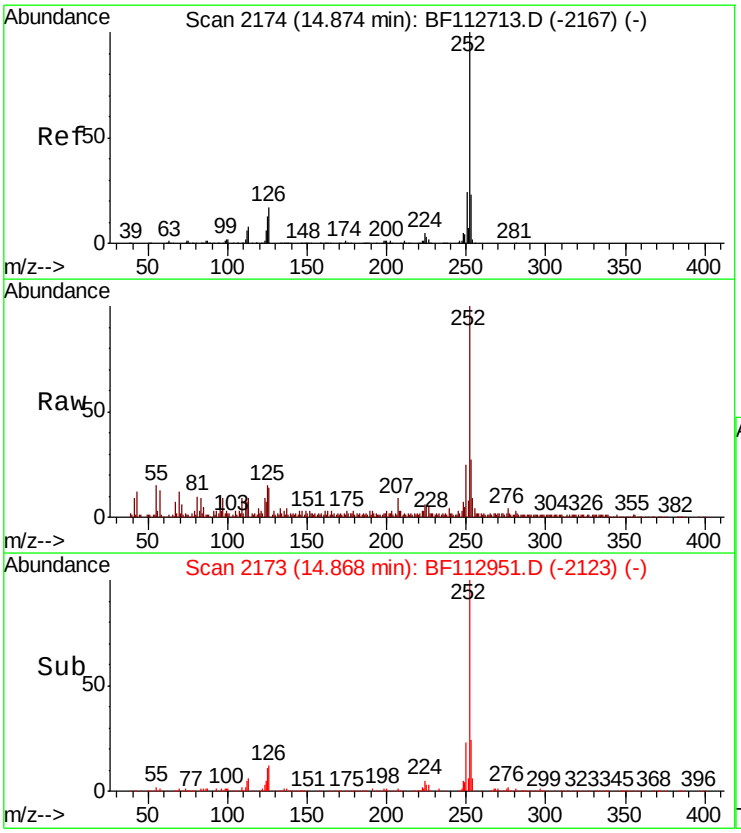
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 445317

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.5	17.2	25.8

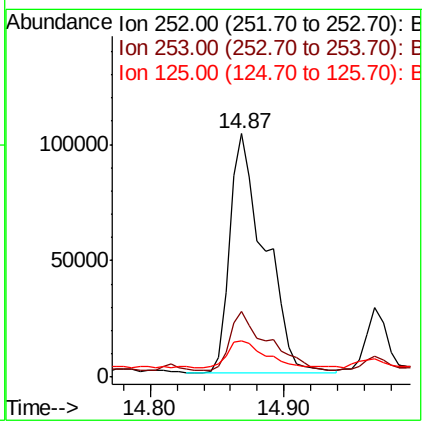


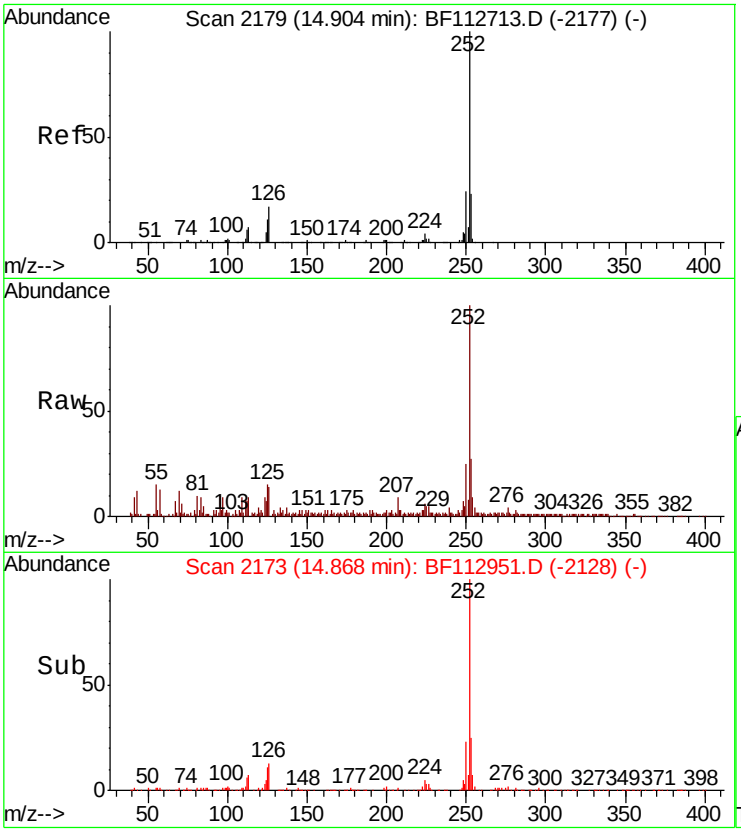


#88
Benzo(b)fluoranthene
Concen: 6.500 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Tgt Ion:252 Resp: 187227

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.0	27.0#
125	14.8	10.2	15.2



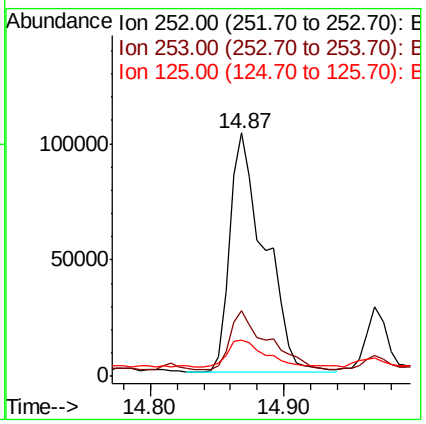


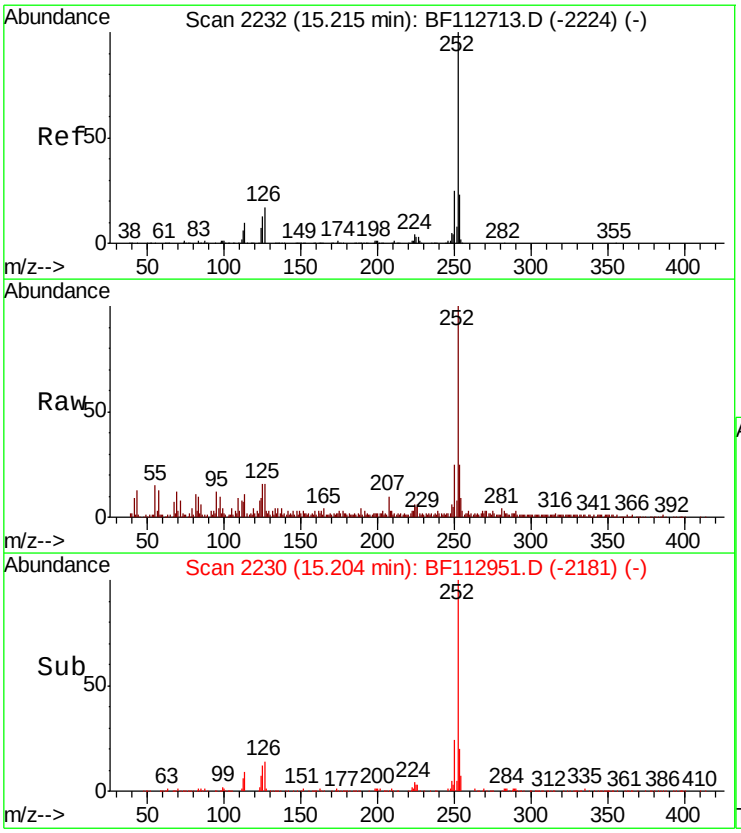
#89
Benzo(k)fluoranthene
Concen: 7.176 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 187227

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.2	27.2
125	14.8	9.8	14.6#

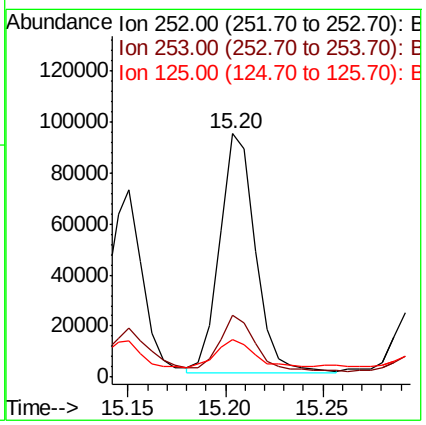


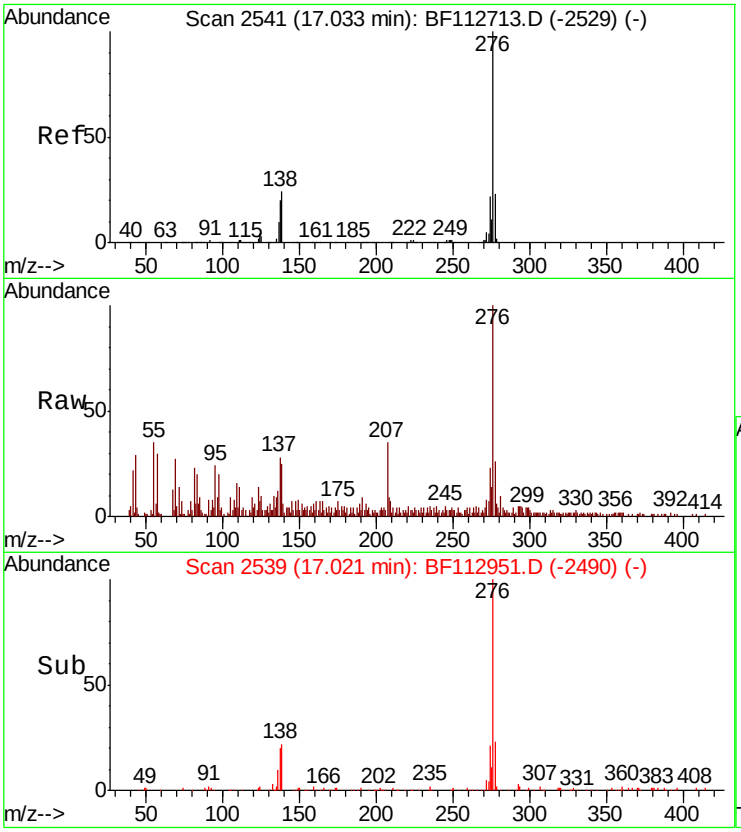


#90
Benzo(a)pyrene
Concen: 4.678 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Tgt Ion:252 Resp: 119193

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.0	27.0
125	15.7	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 2.730 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF112951.D
Acq: 8 Mar 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 59603

Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.6	27.8
138	25.4	19.4	29.0