Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
Data File : BF113044.D
Acq On : 13 Mar 2019 23:11
Operator : JU/SJ
Sample : K1870-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 14 02:04:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	169832	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	733532	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	368044	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	741902	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	587386	20.00	ng	0.00
87) Perylene-d12	15.27	264	449509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	211750	19.39	ng	-0.01
7) Phenol-d6	6.36	99	286034	20.86	ng	-0.01
23) Nitrobenzene-d5	7.28	82	161624	13.18	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	105578	27.02	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	349842	11.68	ng	-0.01
79) Terphenyl-d14	12.81	244	366841	12.11	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	20773	2.392	ng	# 77
25) Isophorone	7.28	82	159321	6.033	ng	# 66
51) 2,6-Dinitrotoluene	9.76	165	47466	8.399	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	47466	6.757	ng	# 18
71) Phenanthrene	11.26	178	126653	3.431	ng	97
75) Fluoranthene	12.44	202	221159	5.592	ng	96
78) Pyrene	12.67	202	199334	4.025	ng	99
81) Benzo(a)anthracene	13.85	228	95446	2.345	ng	98
83) Chrysene	13.89	228	81998	2.056	ng	98
88) Benzo(b)fluoranthene	14.87	252	132207	4.547	ng	99
89) Benzo(k)fluoranthene	14.87	252	132207	5.020	ng	98
90) Benzo(a)pyrene	15.21	252	68616	2.668	ng	96

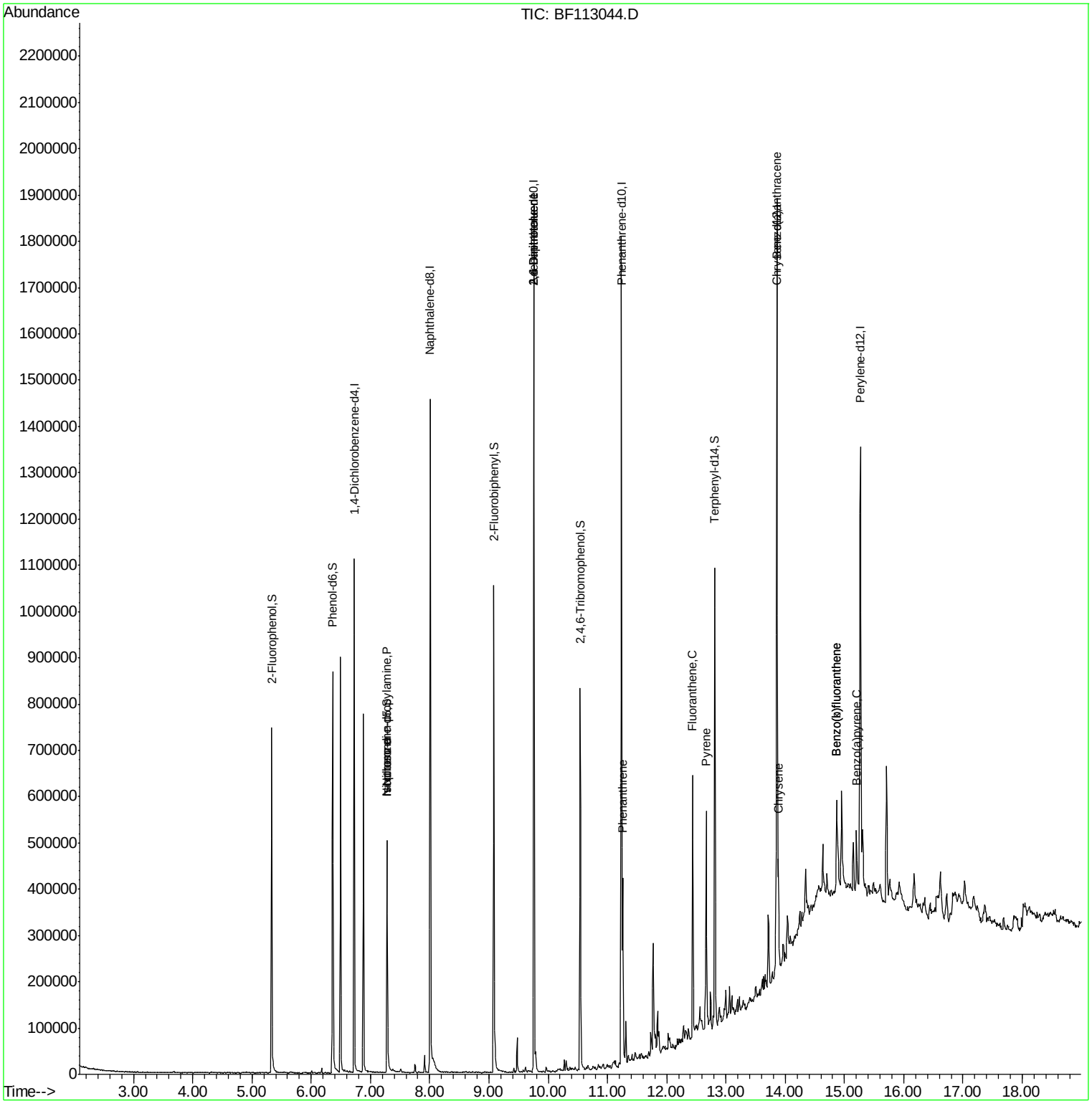
(#) = qualifier out of range (m) = manual integration (+) = signals summed

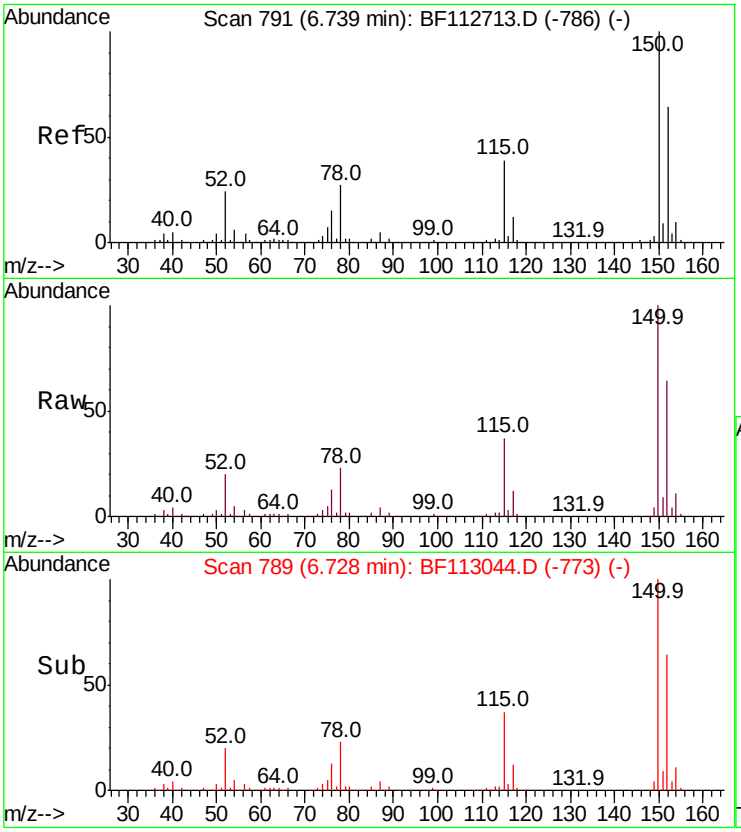
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
Data File : BF113044.D
Acq On : 13 Mar 2019 23:11
Operator : JU/SJ
Sample : K1870-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 14 02:04:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



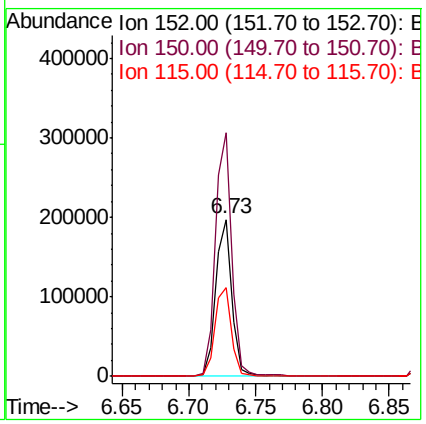


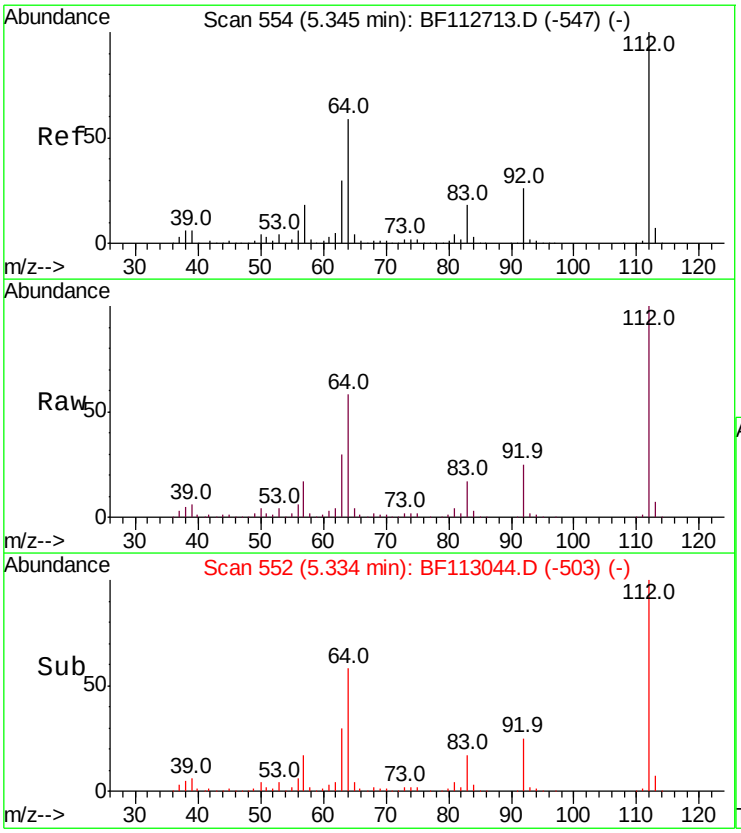
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 169832

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.2	186.2
115	56.8	48.2	72.4

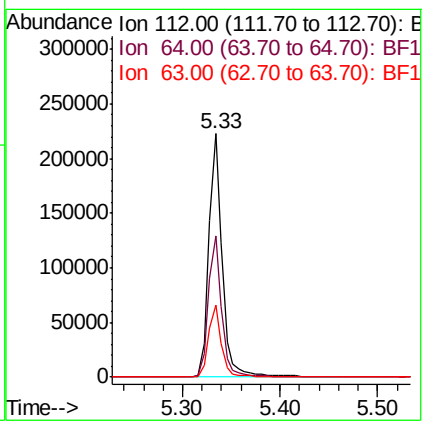


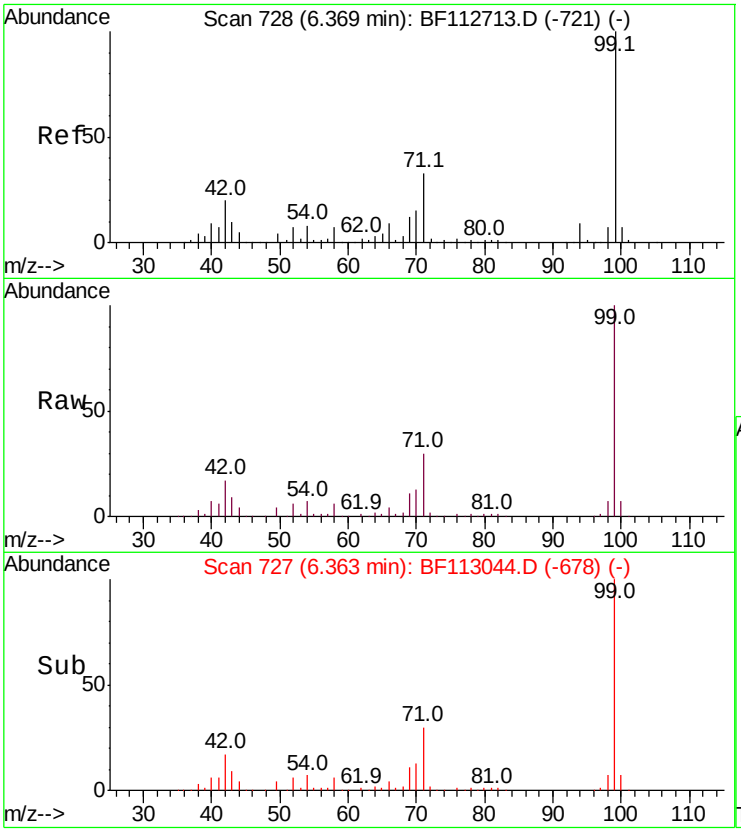


#5
2-Fluorophenol
Concen: 19.395 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Tgt Ion:112 Resp: 211750

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.6	71.4
63	29.7	24.4	36.6



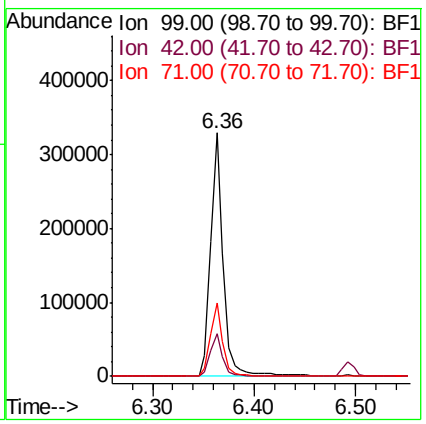


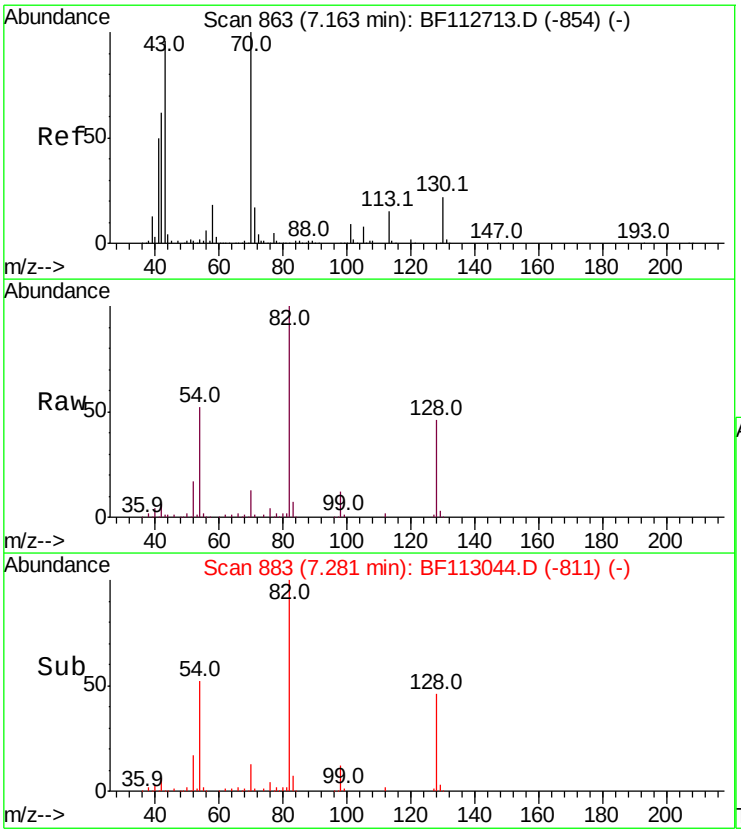
#7
Phenol-d6
Concen: 20.856 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 286034

Ion	Ratio	Lower	Upper
99	100		
42	17.3	16.3	24.5
71	30.3	26.2	39.4

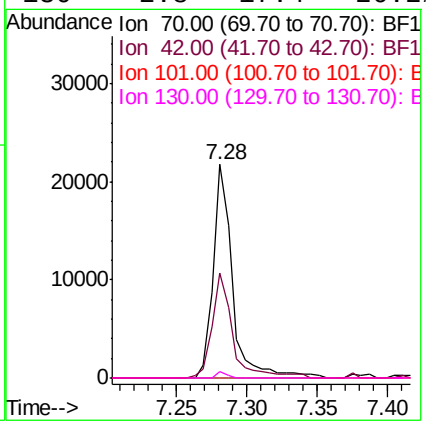


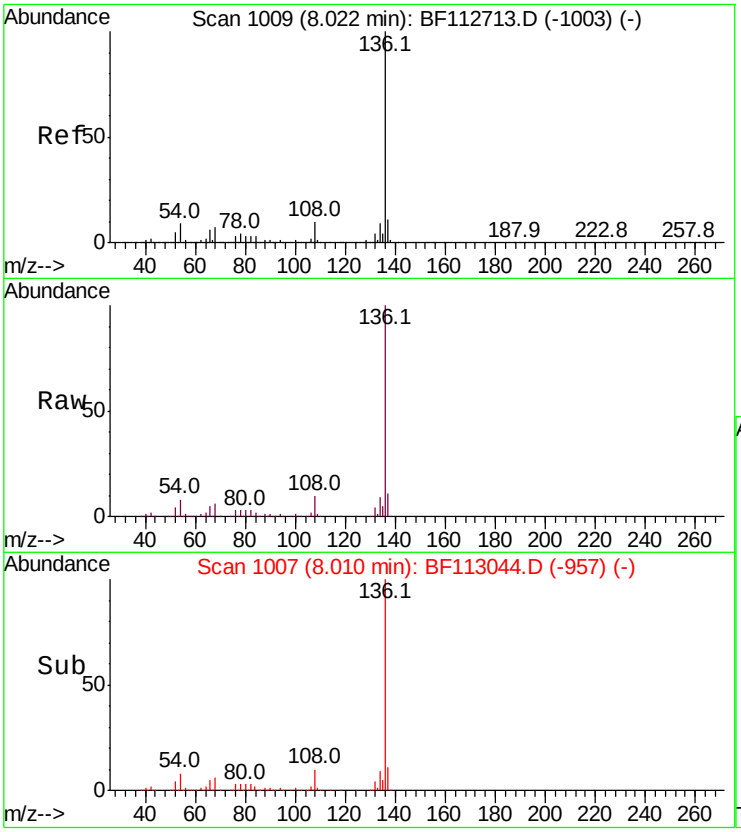


#19
n-Nitroso-di-n-propylamine
Concen: 2.392 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.12 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Tgt Ion: 70 Resp: 20773

Ion	Ratio	Lower	Upper
70	100		
42	49.4	49.9	74.9#
101	0.0	7.4	11.2#
130	2.8	17.4	26.2#



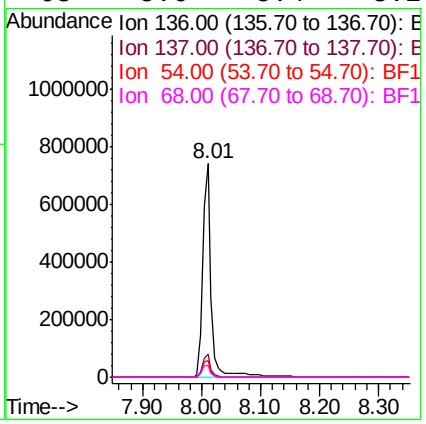


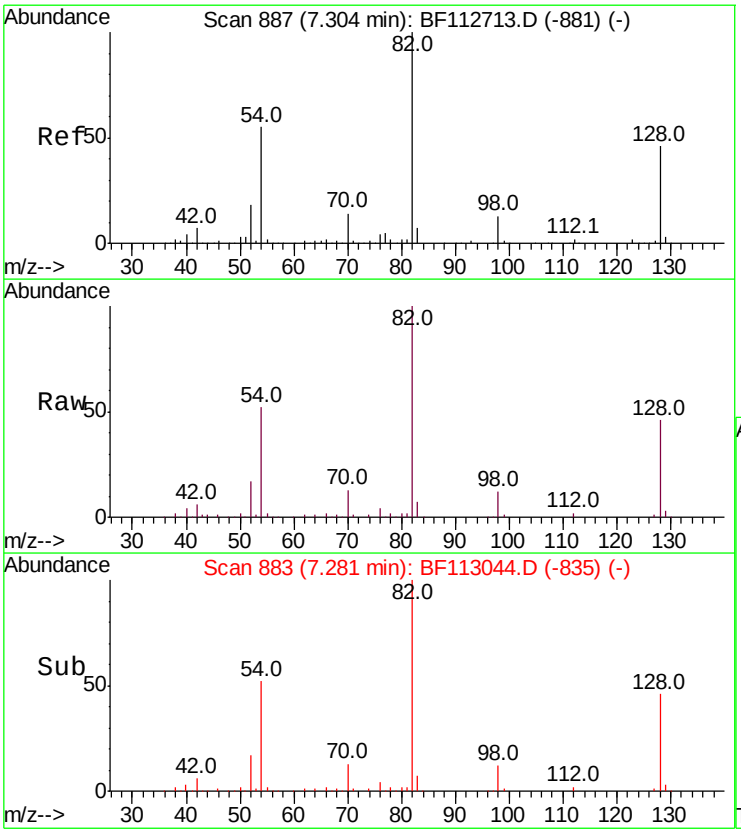
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 733532

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	7.3	10.9
68	5.6	5.4	8.2

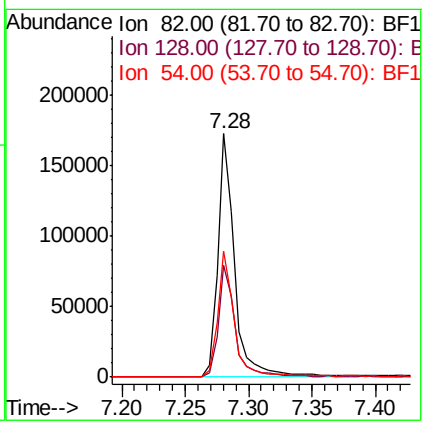


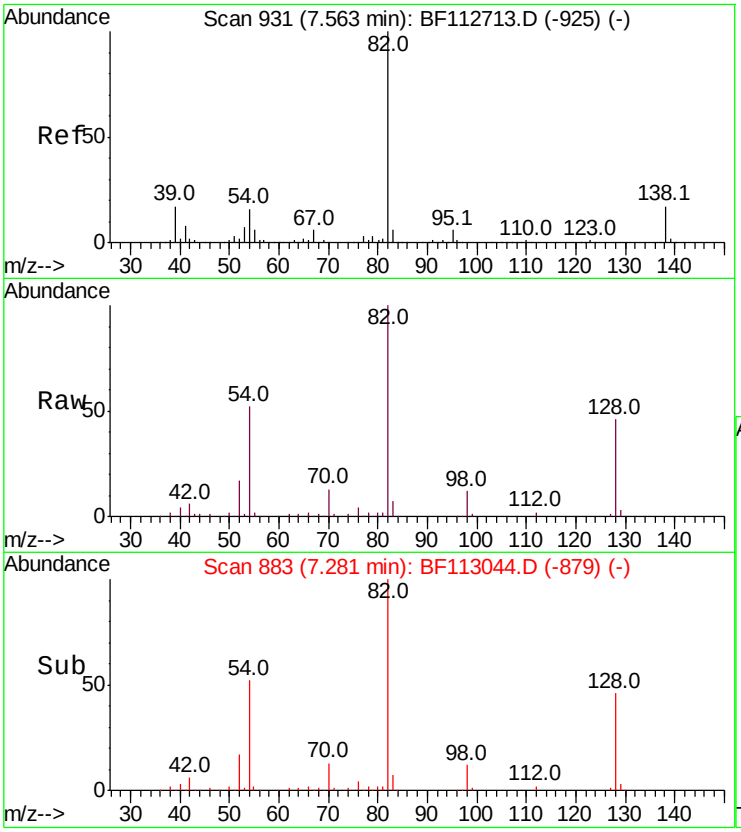


#23
Nitrobenzene-d5
Concen: 13.184 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Tgt Ion: 82 Resp: 161624

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.3	54.5
54	51.9	43.7	65.5



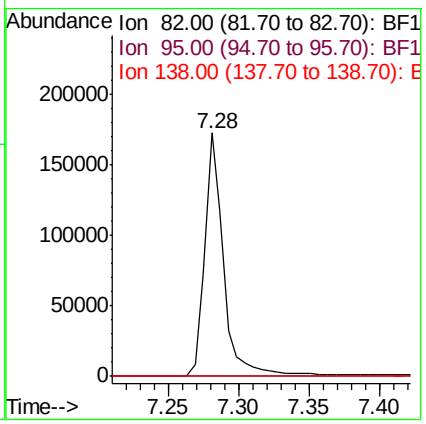


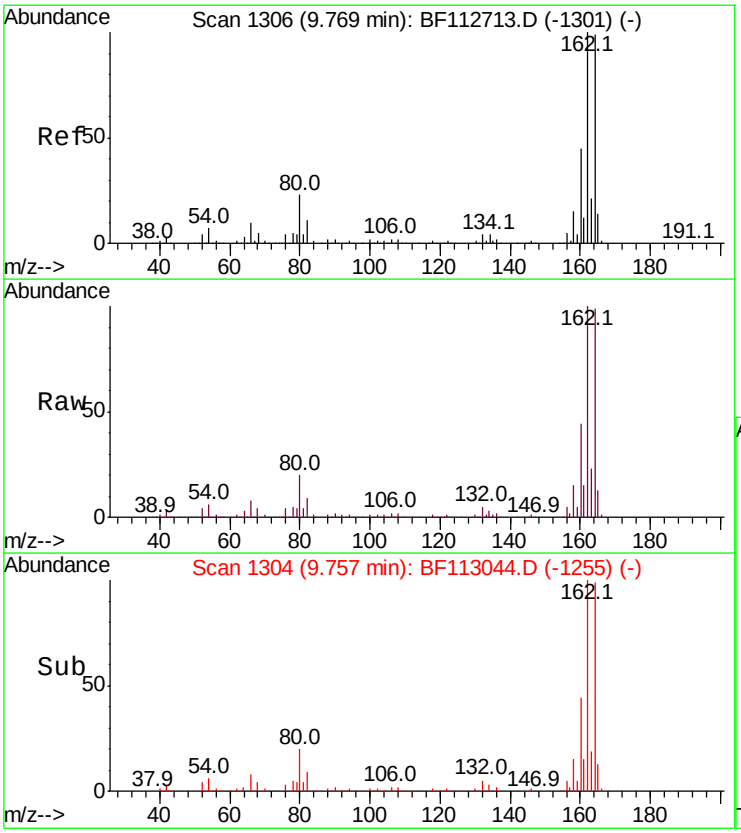
#25
Isophorone
Concen: 6.033 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 159321

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#

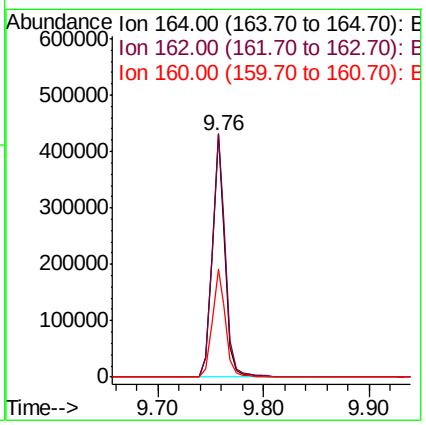


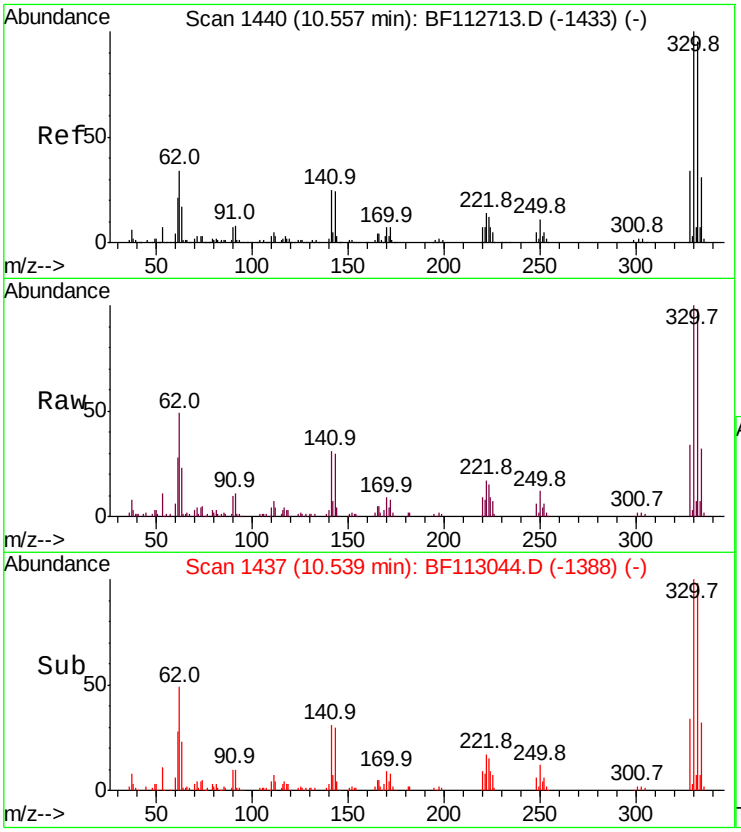


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Tgt Ion:164 Resp: 368044

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	120.8
160	44.7	36.0	54.0



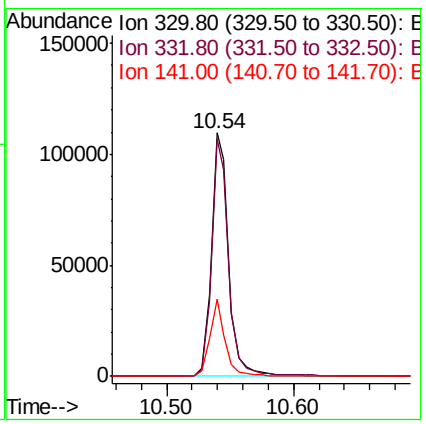


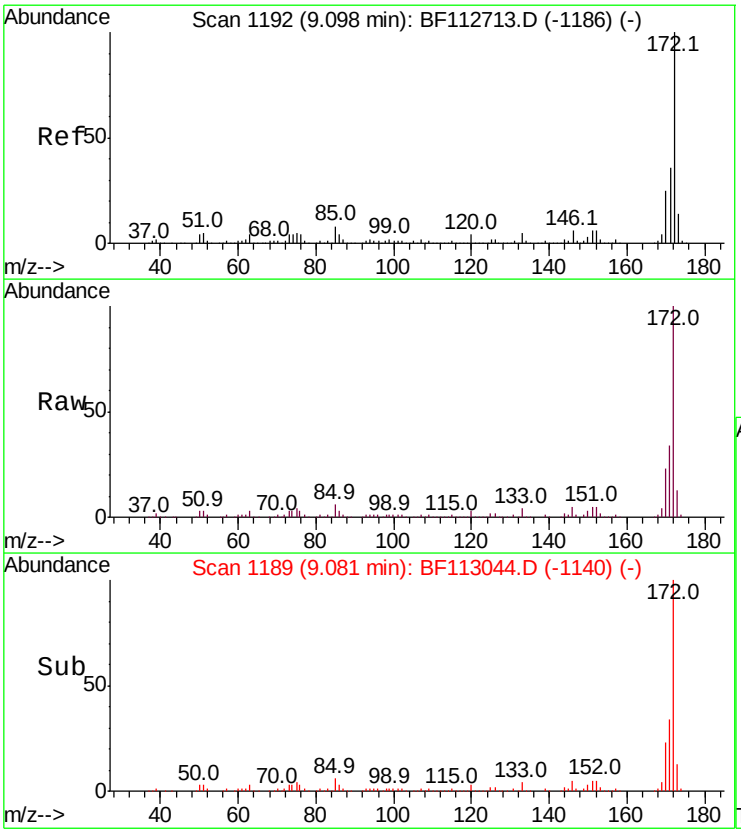
#42
2,4,6-Tribromophenol
Concen: 27.021 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 105578

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.2	114.4
141	28.0	27.0	40.6

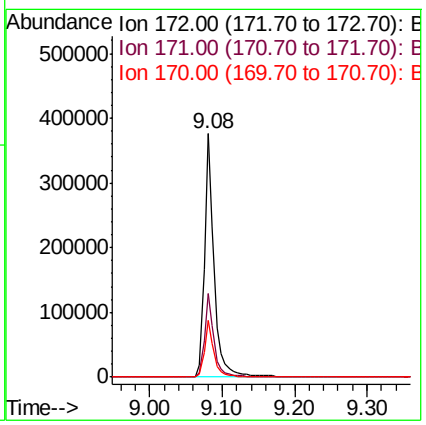


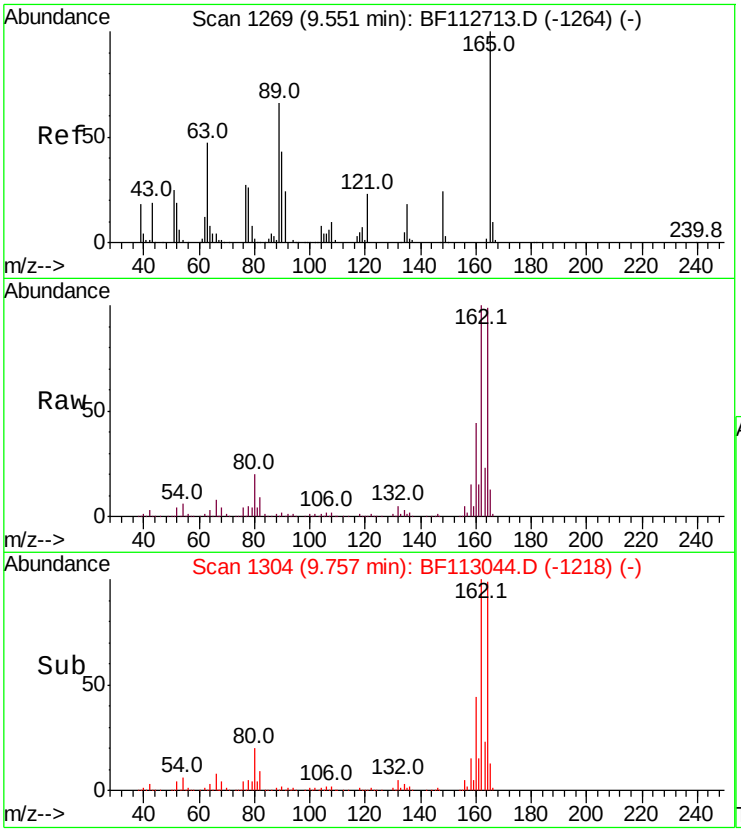


#45
2-Fluorobiphenyl
Concen: 11.684 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Tgt Ion:172 Resp: 349842

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.0	43.4
170	23.4	20.0	30.0



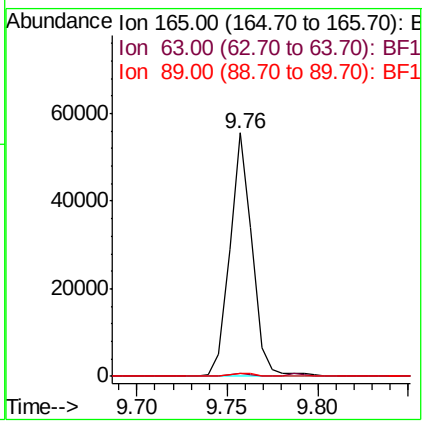


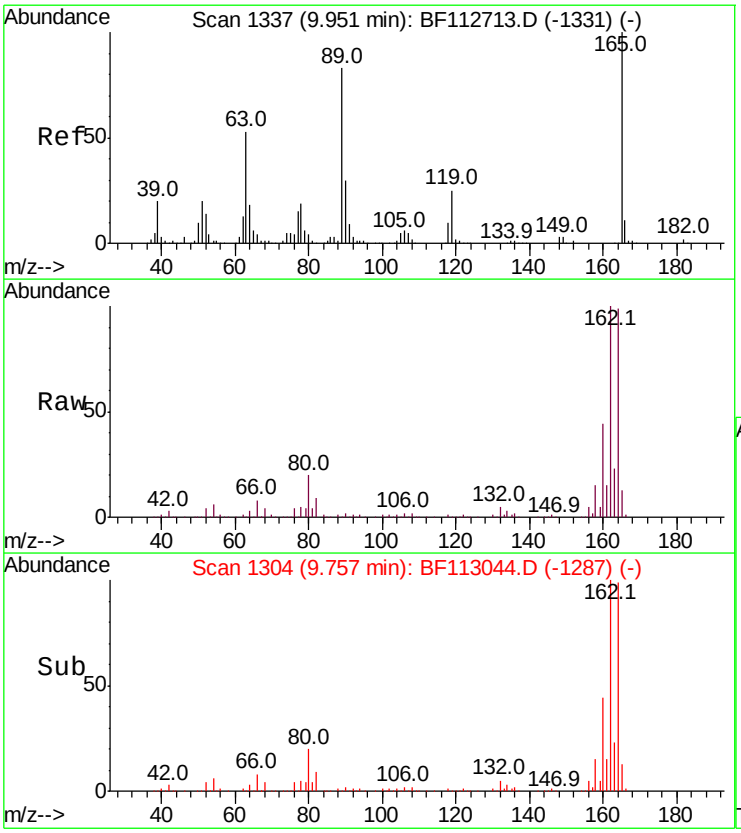
#51
2,6-Dinitrotoluene
Concen: 8.399 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 47466

Ion	Ratio	Lower	Upper
165	100		
63	1.5	54.1	81.1#
89	1.4	52.8	79.2#

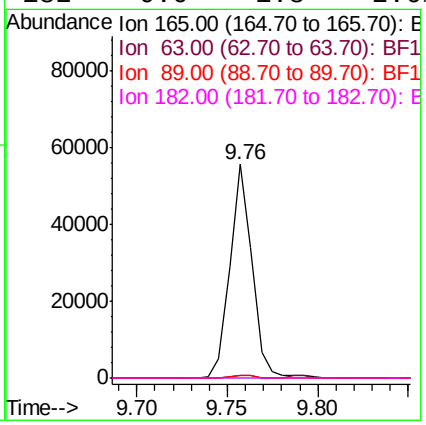


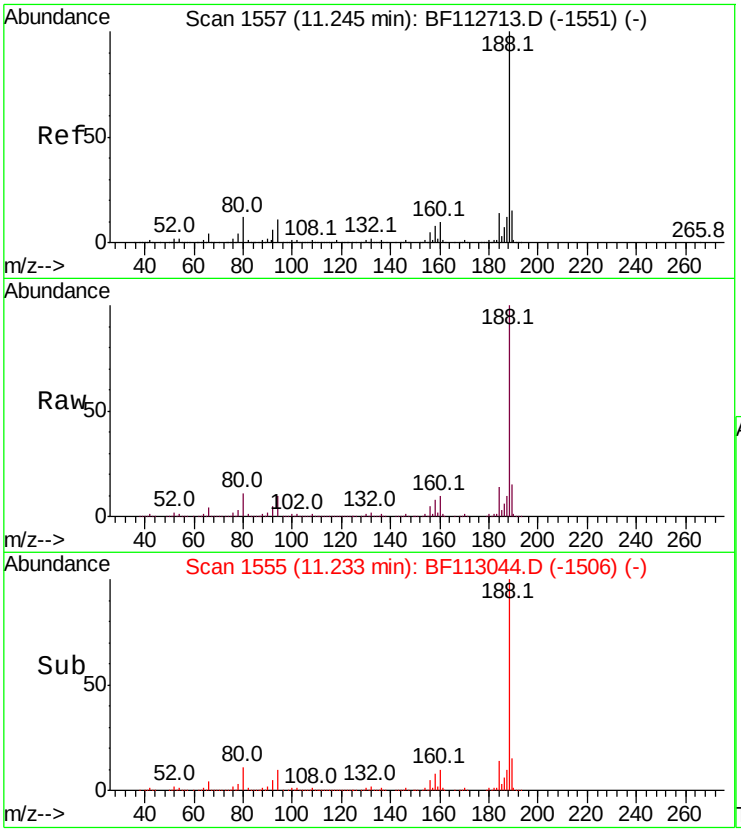


#57
2,4-Dinitrotoluene
Concen: 6.757 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Tgt Ion:165 Resp: 47466

Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#



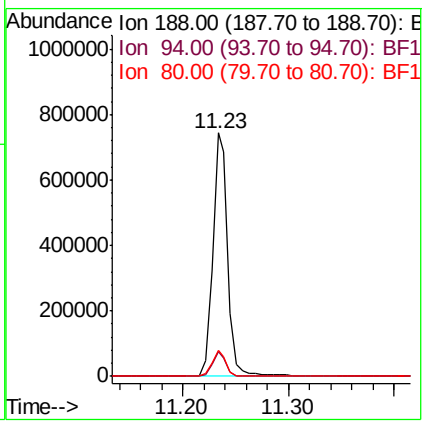


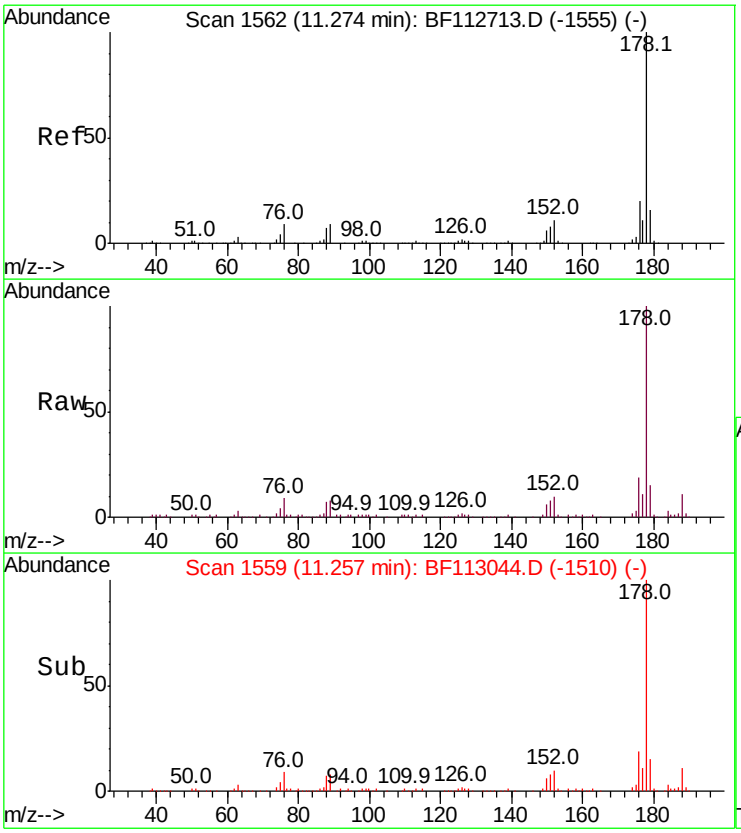
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 741902

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.0	13.4
80	10.6	9.2	13.8

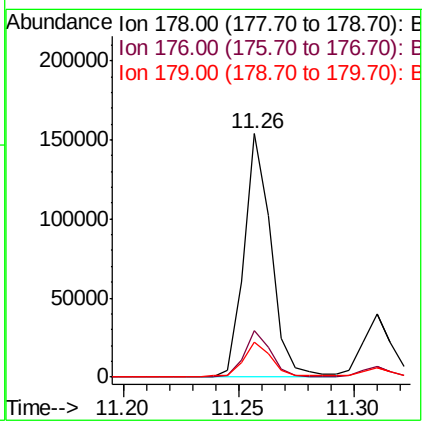


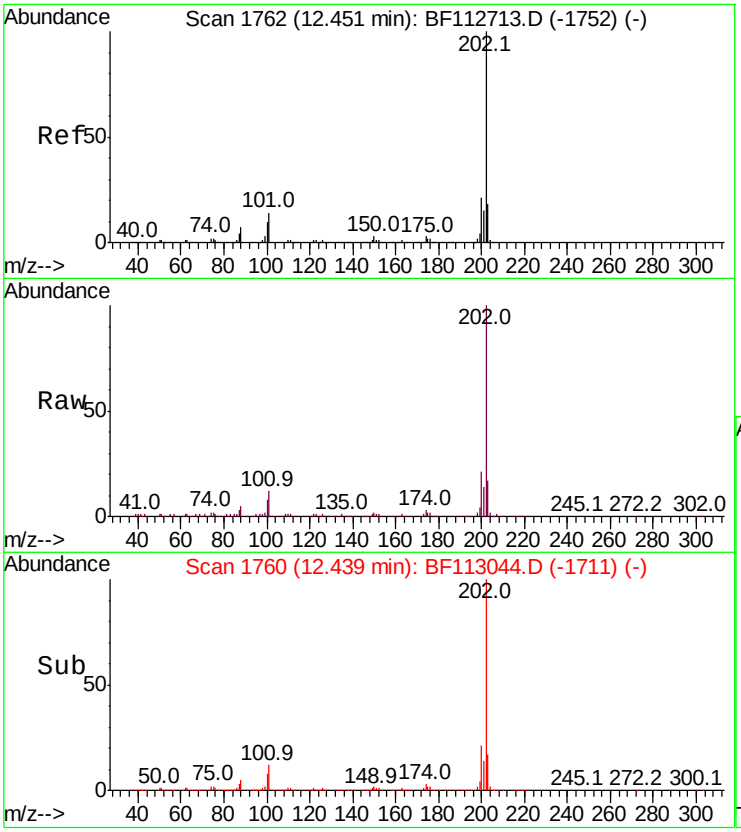


#71
Phenanthrene
Concen: 3.431 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Tgt Ion:178 Resp: 126653

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.3	24.5
179	14.6	12.7	19.1



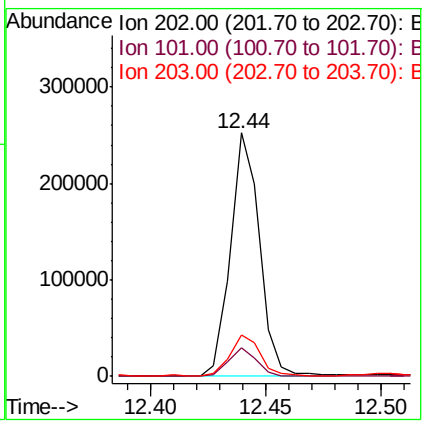


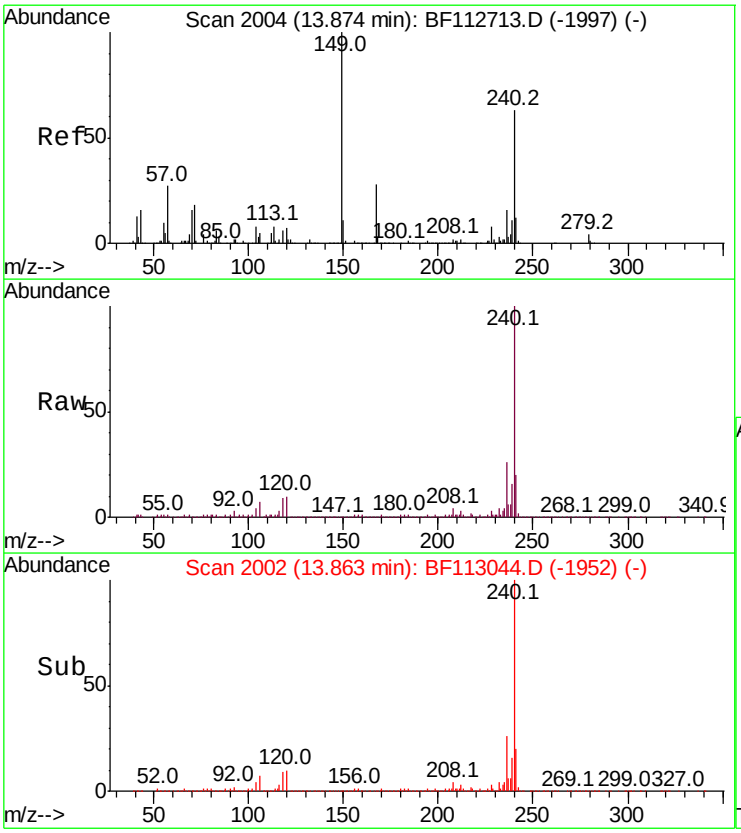
#75
Fluoranthene
Concen: 5.592 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 221159

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	33.8
203	16.9	0.0	38.4

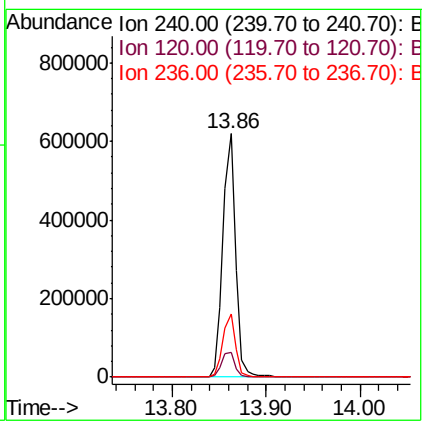


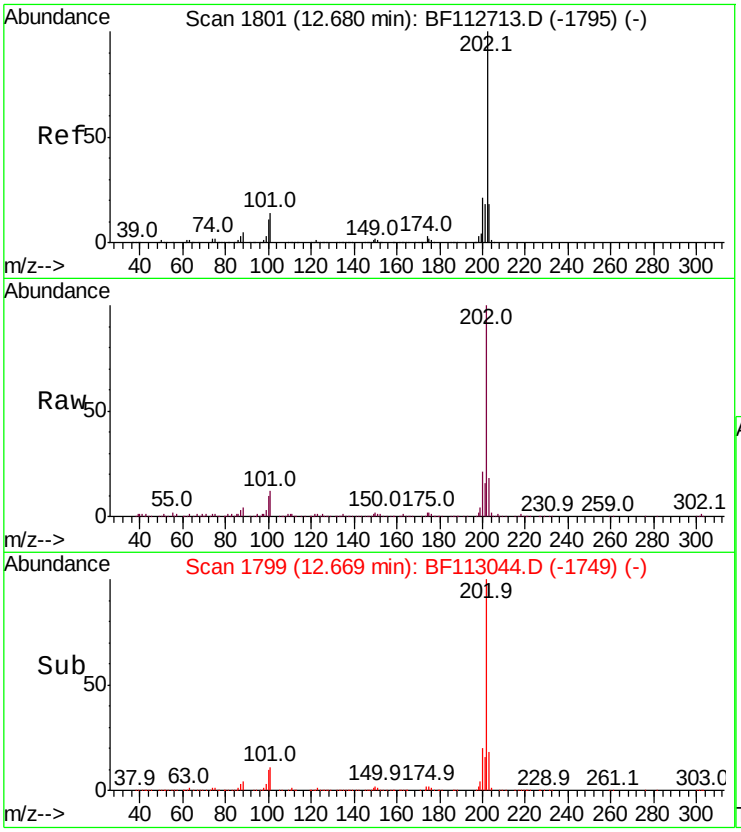


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Tgt Ion:240 Resp: 587386

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.9	13.3
236	25.9	20.7	31.1



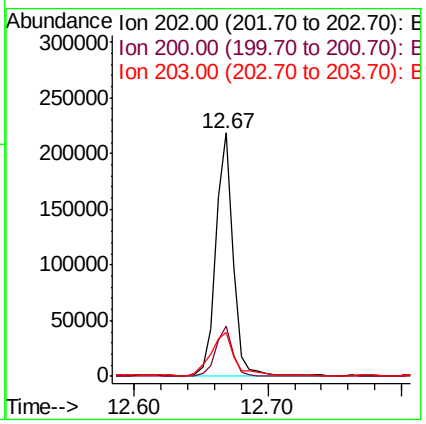


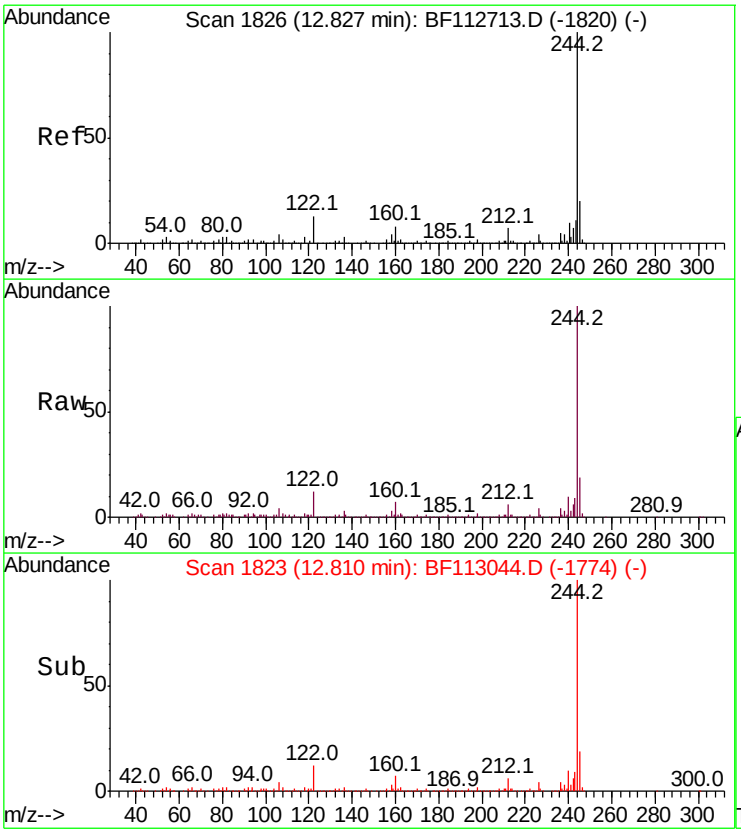
#78
Pyrene
Concen: 4.025 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 199334

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.4
203	18.1	14.4	21.6

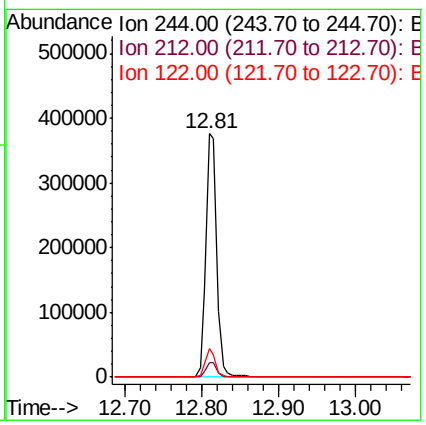


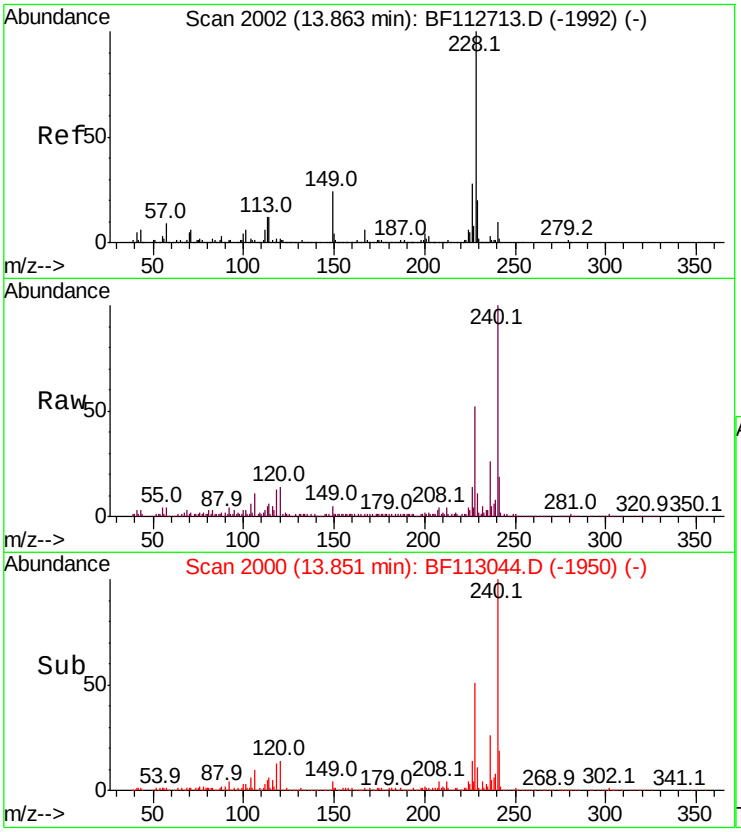


#79
Terphenyl-d14
Concen: 12.107 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Tgt Ion:244 Resp: 366841

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.6	8.4
122	11.6	10.5	15.7



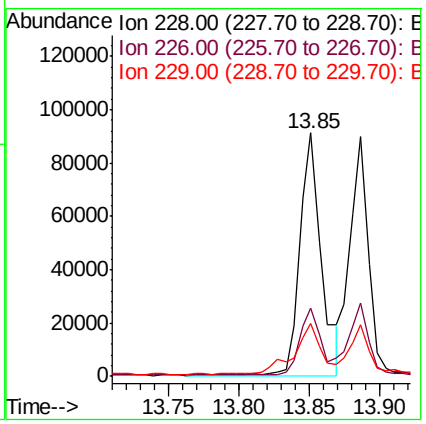


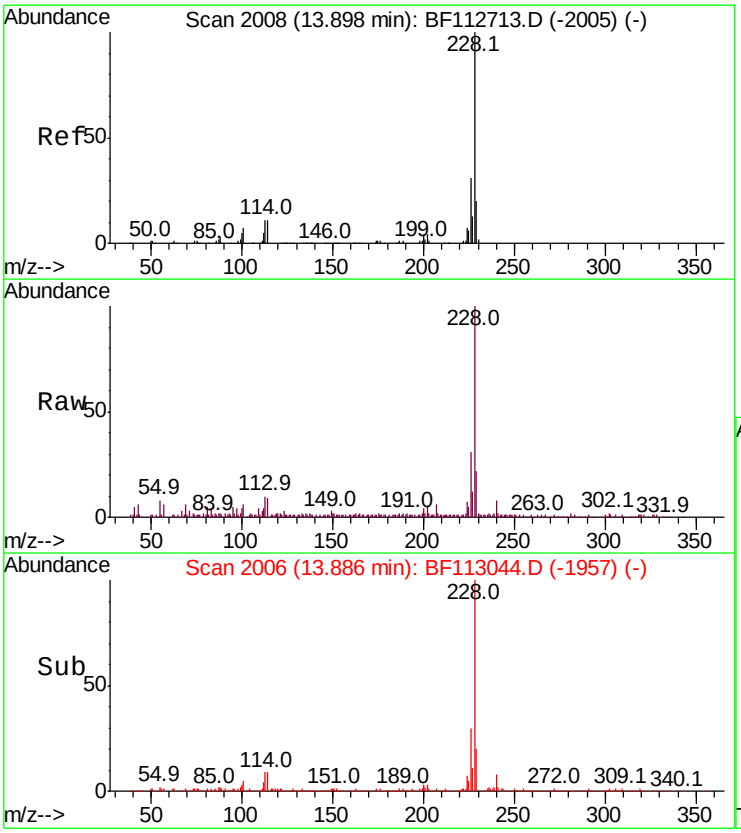
#81
Benzo(a)anthracene
Concen: 2.345 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 95446

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.2	33.4
229	21.5	16.0	24.0

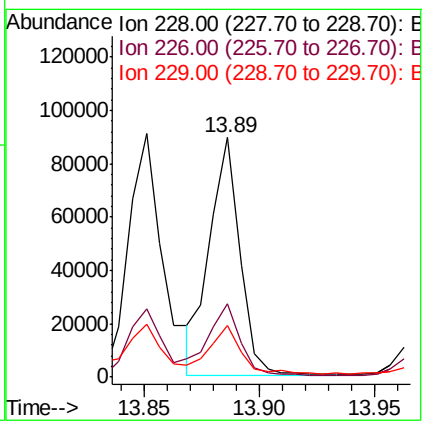


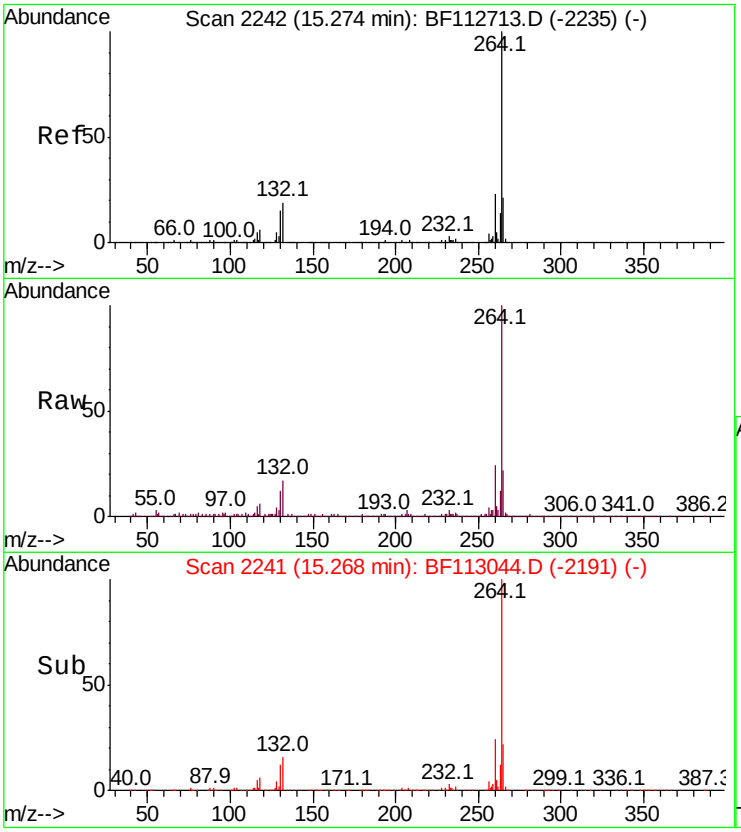


#83
Chrysene
Concen: 2.056 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Tgt Ion:228 Resp: 81998

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	21.8	16.3	24.5



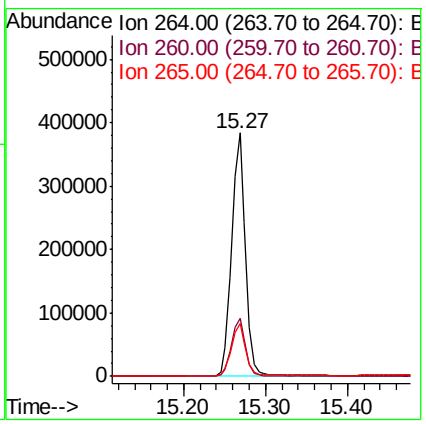


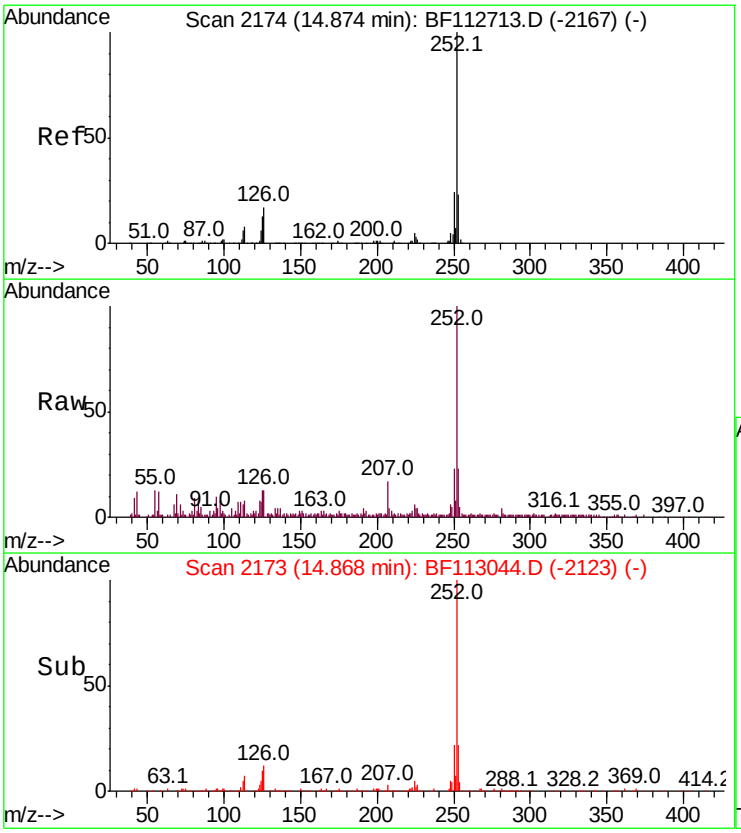
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 449509

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.9	17.2	25.8

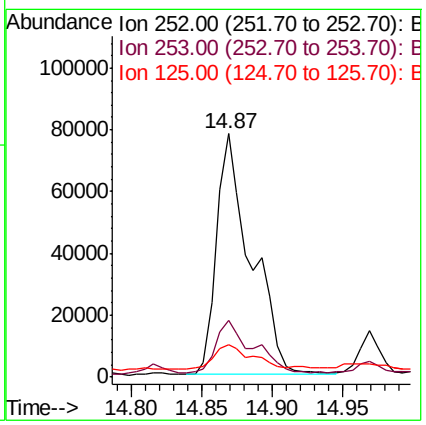


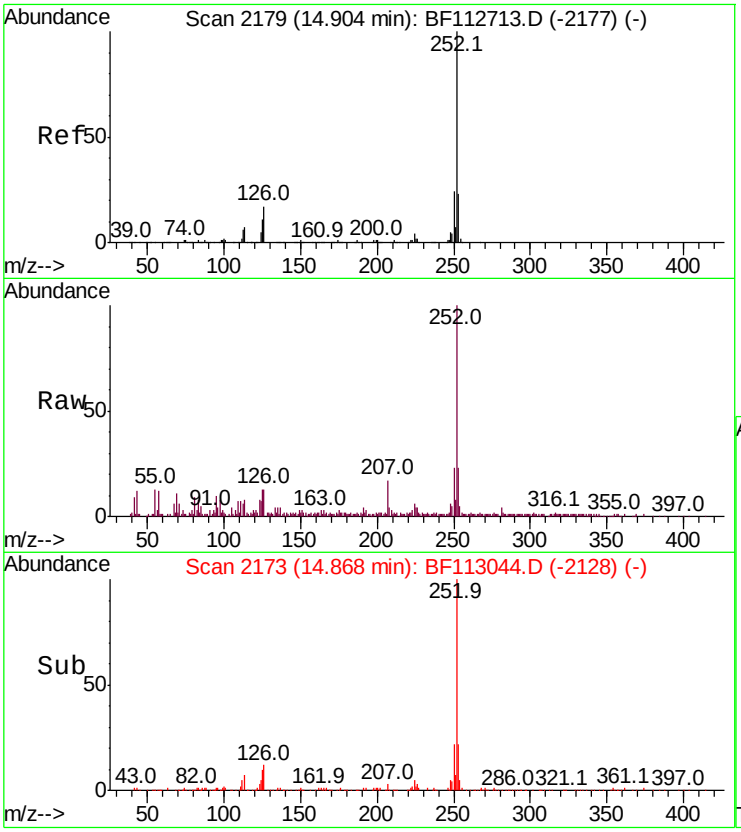


#88
Benzo(b)fluoranthene
Concen: 4.547 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Tgt Ion:252 Resp: 132207

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	13.4	10.2	15.2



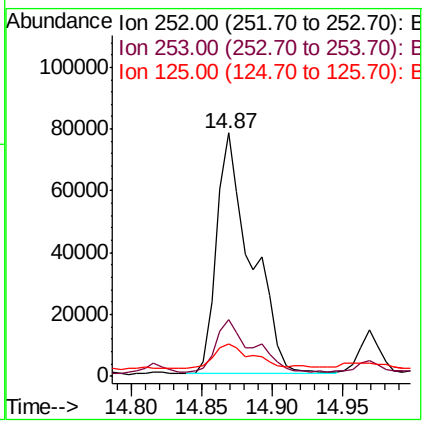


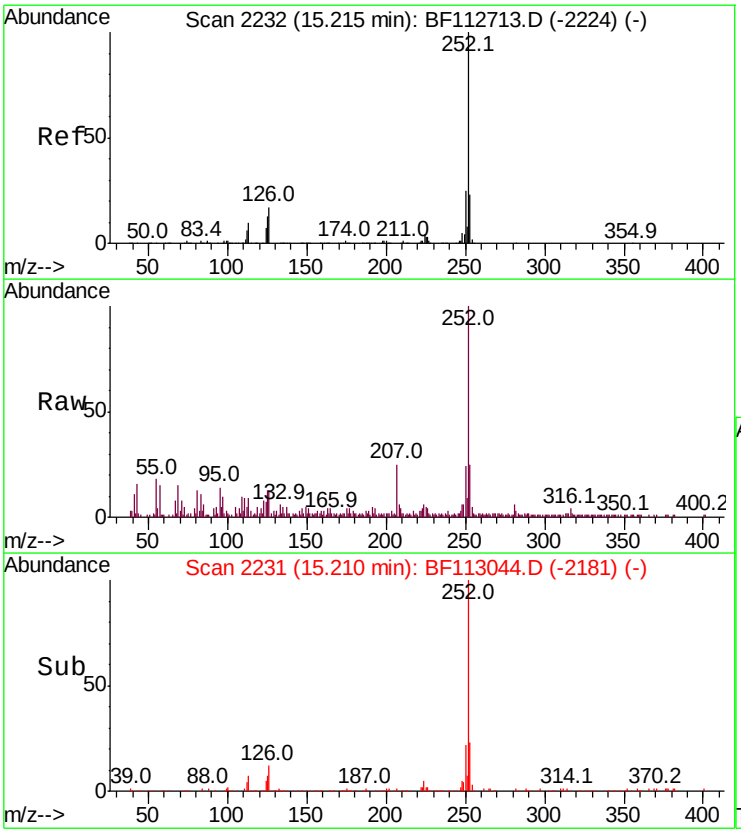
#89
Benzo(k)fluoranthene
Concen: 5.020 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 132207

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	13.4	9.8	14.6





#90
Benzo(a)pyrene
Concen: 2.668 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF113044.D
Acq: 13 Mar 2019 23:11

Tgt Ion:252 Resp: 68616

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	13.0	10.7	16.1