Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041219\
Data File : BF113758.D
Acq On : 13 Apr 2019 00:50
Operator : JU/SJ
Sample : K2204-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 13 01:19:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	107226	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	394199	20.00	ng		-0.01
39) Acenaphthene-d10	9.70	164	163822	20.00	ng		-0.02
64) Phenanthrene-d10	11.19	188	327523	20.00	ng		-0.02
76) Chrysene-d12	13.82	240	360936	20.00	ng		-0.02
87) Perylene-d12	15.23	264	254354	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	119785	19.05	ng		0.00
7) Phenol-d6	6.34	99	163986	21.16	ng		0.00
23) Nitrobenzene-d5	7.25	82	91593	13.61	ng		-0.01
42) 2,4,6-Tribromophenol	10.50	330	37523	19.07	ng		-0.02
45) 2-Fluorobiphenyl	9.03	172	185471	18.23	ng		-0.02
79) Terphenyl-d14	12.76	244	219923	12.41	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	10749	2.249	ng	#	80
25) Isophorone	7.25	82	91593	7.065	ng	#	64
51) 2,6-Dinitrotoluene	9.70	165	20861	7.837	ng	#	27
57) 2,4-Dinitrotoluene	9.70	165	20861	6.480	ng	#	23
71) Phenanthrene	11.21	178	111402	6.845	ng		98
72) Anthracene	11.27	178	33990	2.053	ng		99
75) Fluoranthene	12.40	202	188424	10.804	ng		98
78) Pyrene	12.63	202	179720	6.544	ng		98
81) Benzo(a)anthracene	13.81	228	88301	4.241	ng		97
83) Chrysene	13.85	228	87561	4.149	ng		96
88) Benzo(b)fluoranthene	14.84	252	110347	7.087	ng	#	92
89) Benzo(k)fluoranthene	14.84	252	110347	7.897	ng	#	91
90) Benzo(a)pyrene	15.17	252	55890	4.040	ng	#	92
92) Benzo(g,h,i)perylene	17.02	276	28014	2.121	ng	#	89

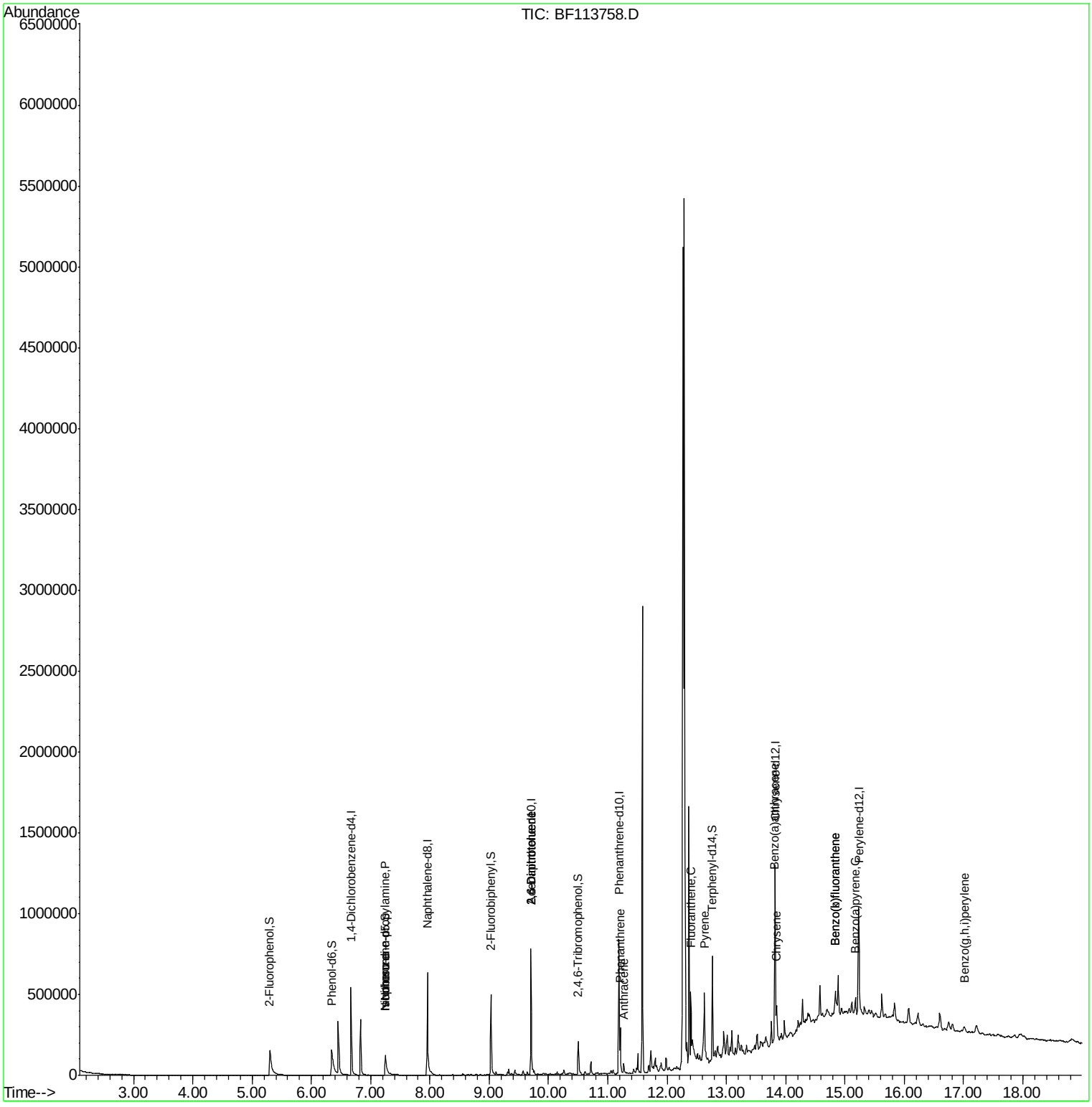
(#) = qualifier out of range (m) = manual integration (+) = signals summed

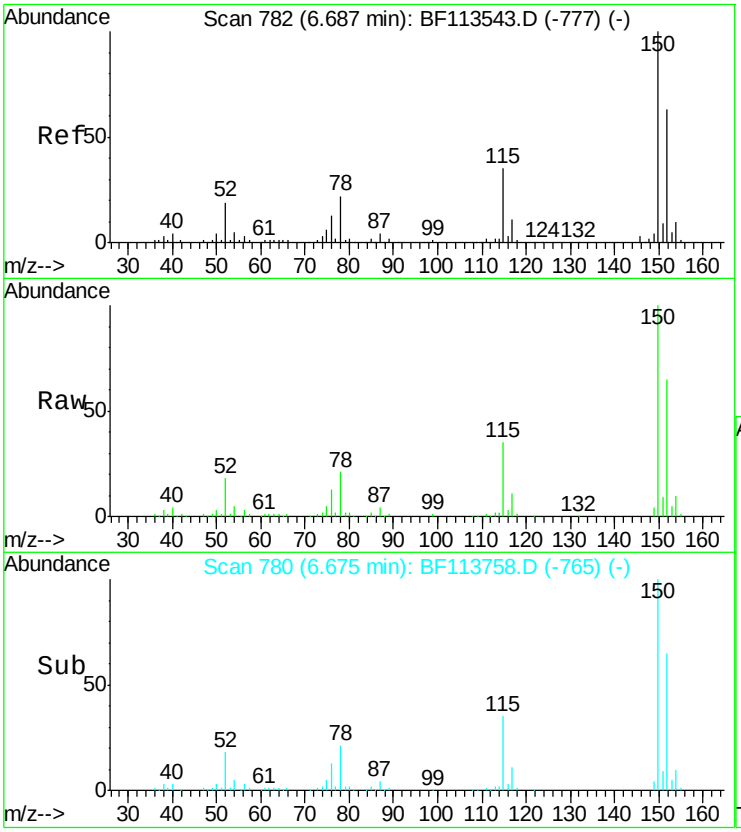
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041219\
Data File : BF113758.D
Acq On : 13 Apr 2019 00:50
Operator : JU/SJ
Sample : K2204-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 13 01:19:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration



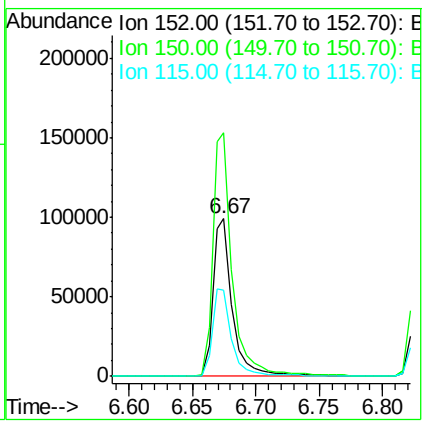


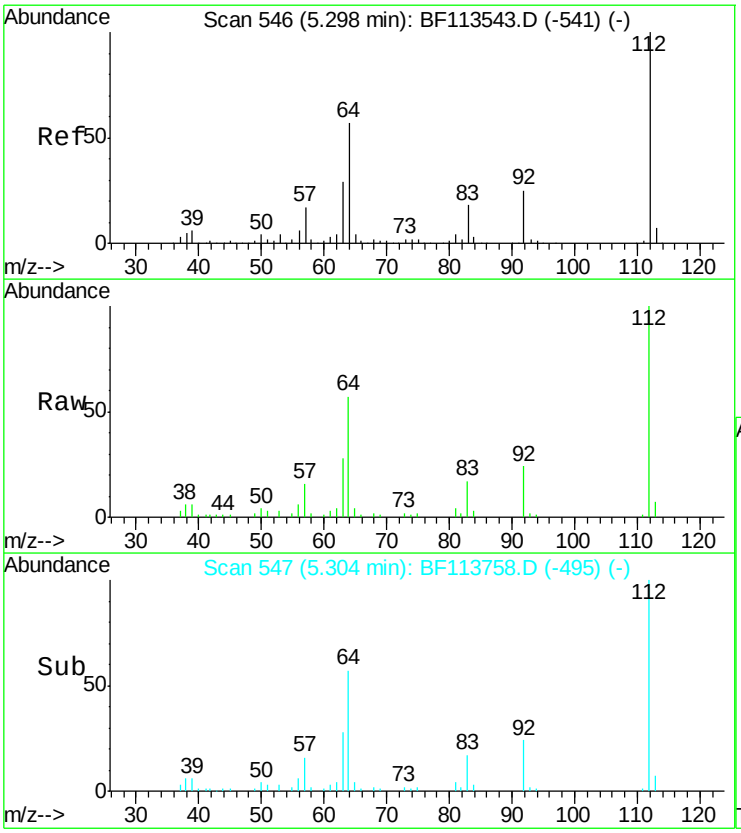
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 107226

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.7	187.1
115	54.9	46.0	69.0

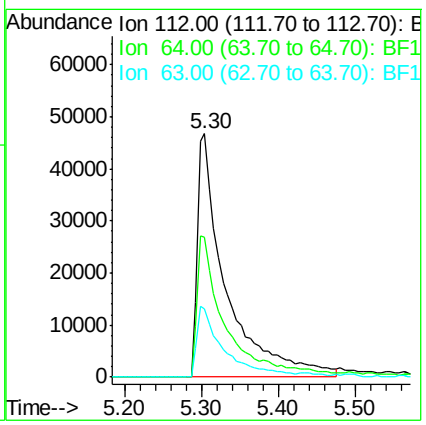


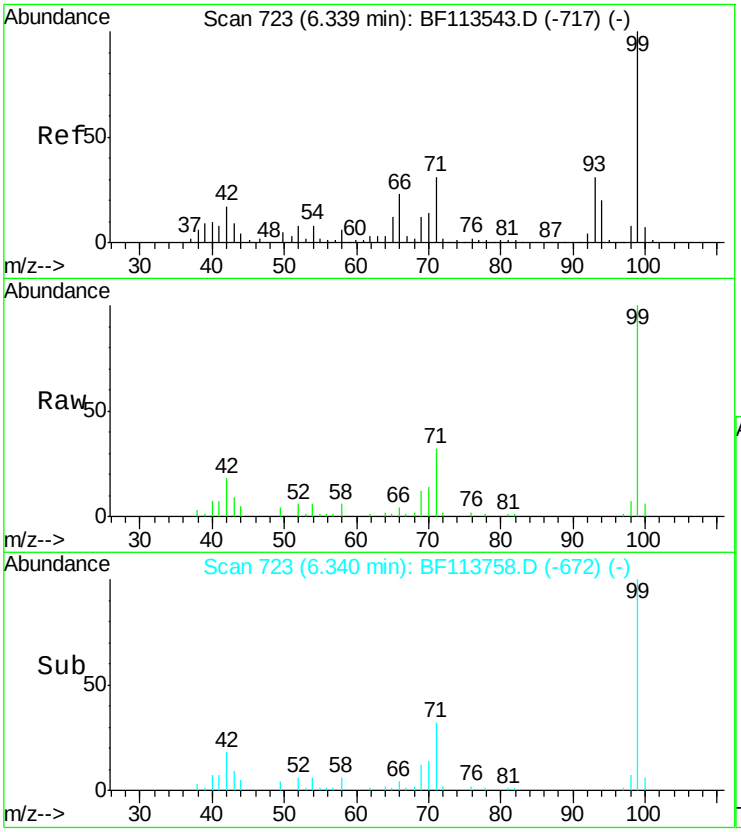


#5
2-Fluorophenol
Concen: 19.050 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion:112 Resp: 119785

Ion	Ratio	Lower	Upper
112	100		
64	57.5	49.2	73.8
63	28.1	24.9	37.3



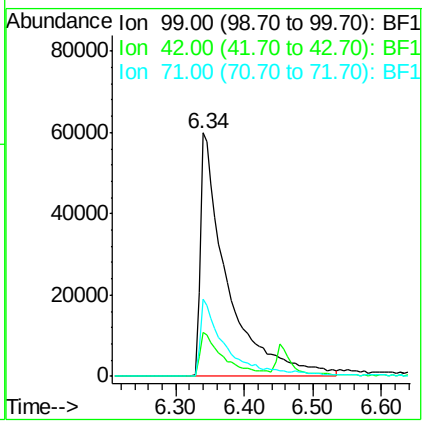


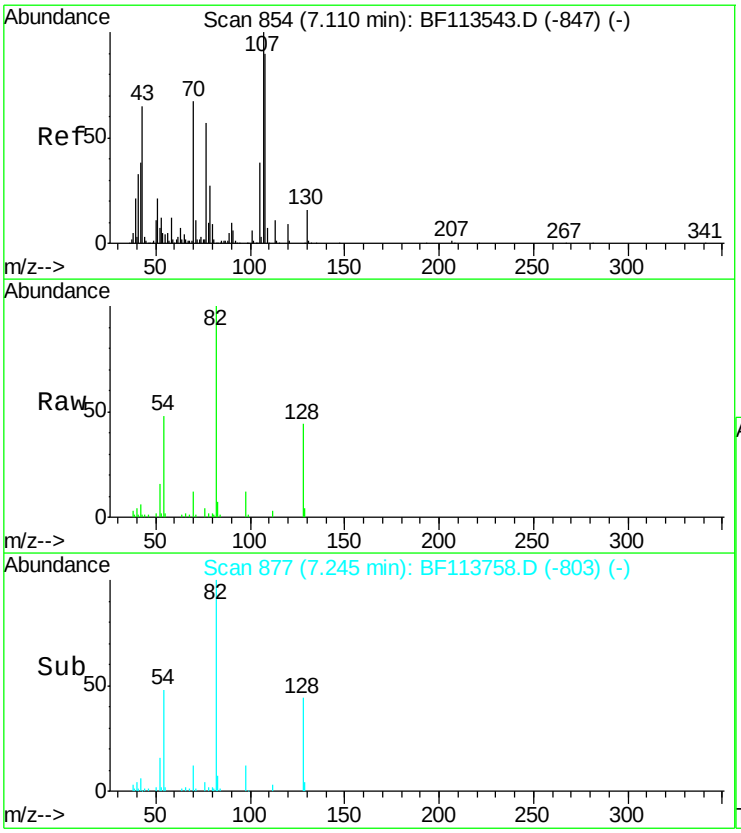
#7
Phenol-d6
Concen: 21.159 ng
RT: 6.34 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 163986

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	31.6	24.9	37.3

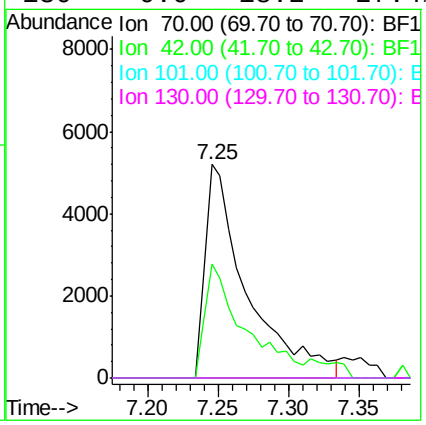


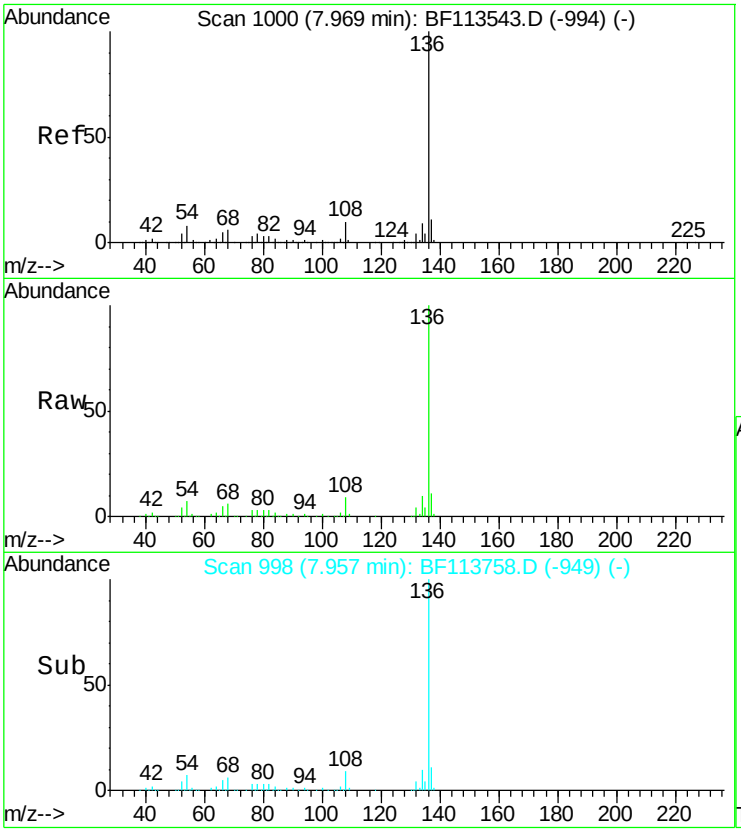


#19
n-Nitroso-di-n-propylamine
Concen: 2.249 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.14 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion: 70 Resp: 10749

Ion	Ratio	Lower	Upper
70	100		
42	53.5	48.4	72.6
101	0.0	7.8	11.8#
130	0.0	18.2	27.4#



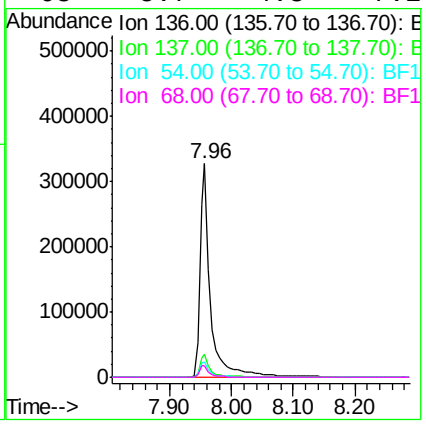


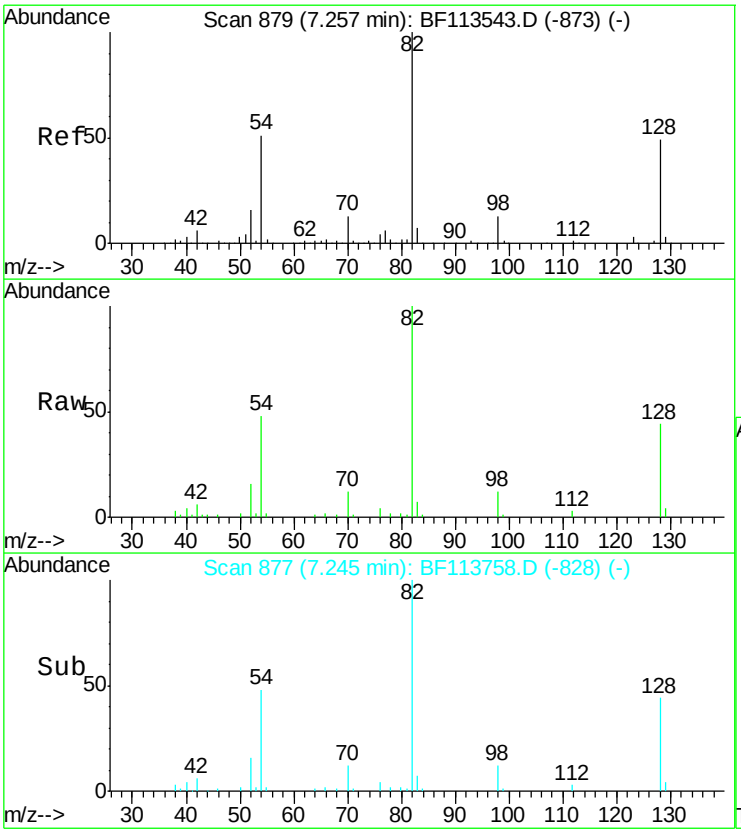
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 394199

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.4	7.0	10.6
68	5.7	4.8	7.2

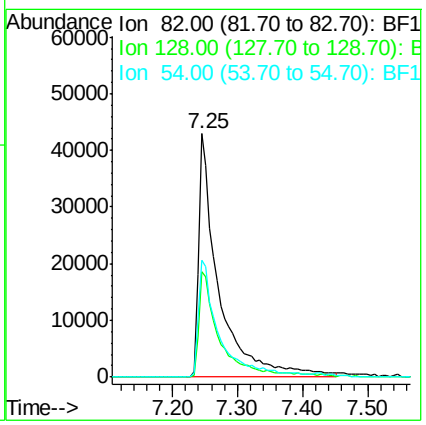


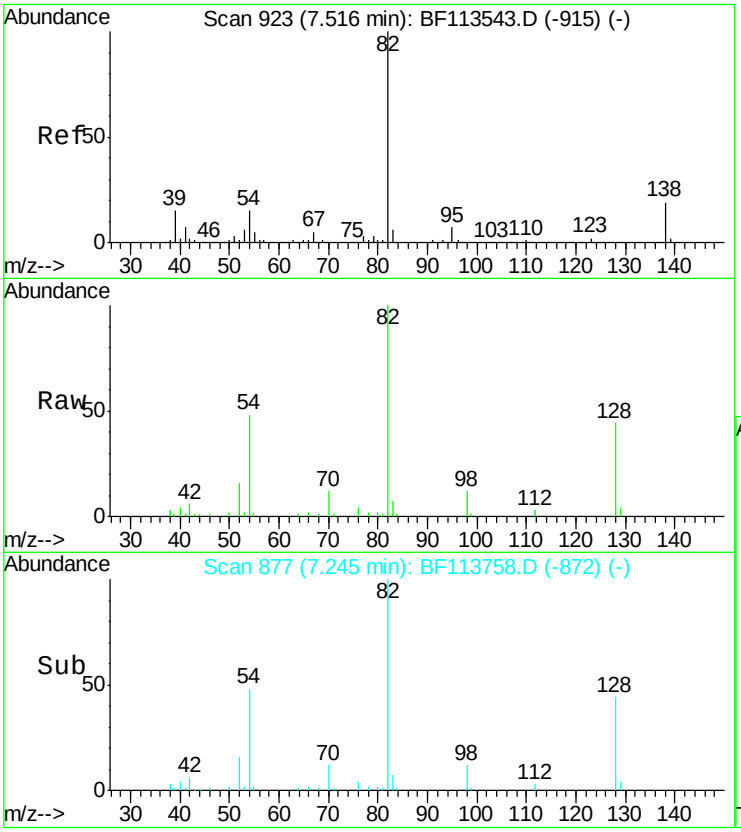


#23
Nitrobenzene-d5
Concen: 13.610 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion: 82 Resp: 91593

Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.5	54.7
54	48.1	42.2	63.2



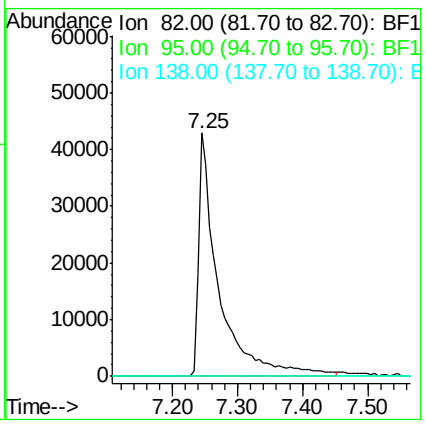


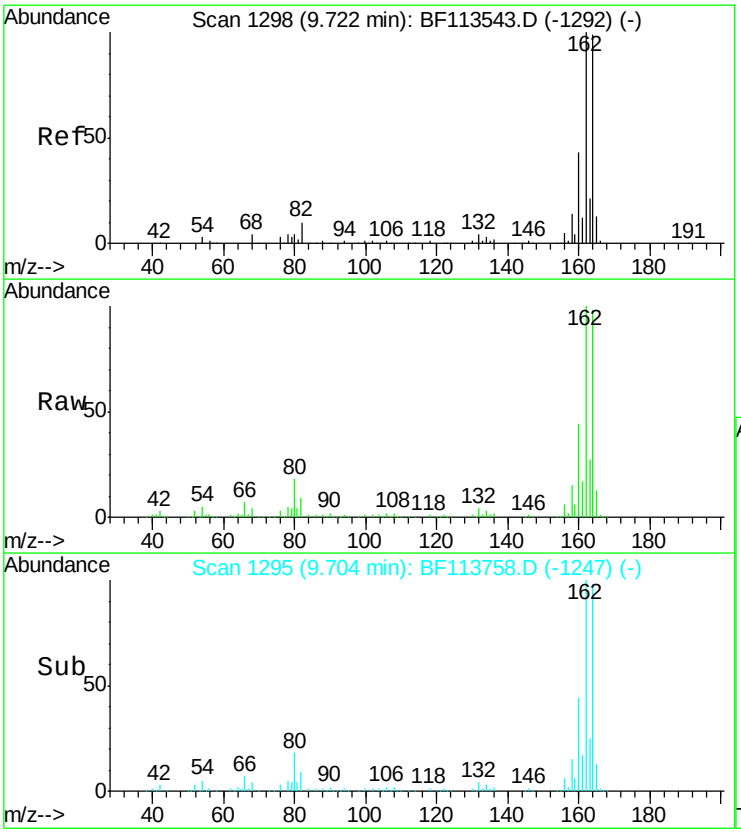
#25
Isophorone
Concen: 7.065 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.27 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 91593

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.2	22.8#

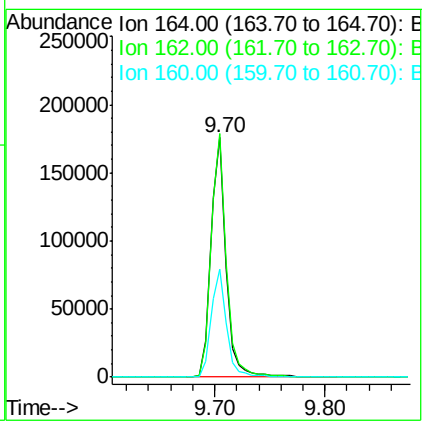


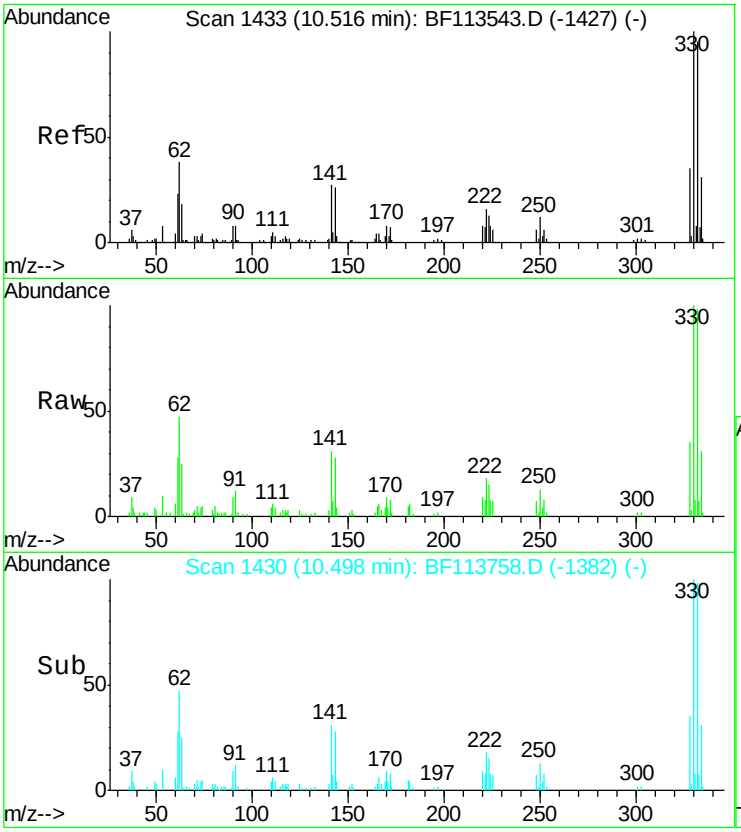


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion:164 Resp: 163822

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.8	122.6
160	45.1	36.4	54.6



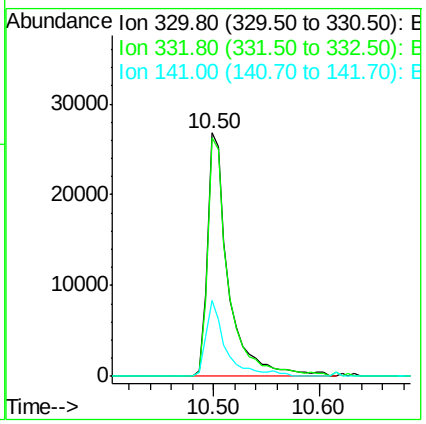


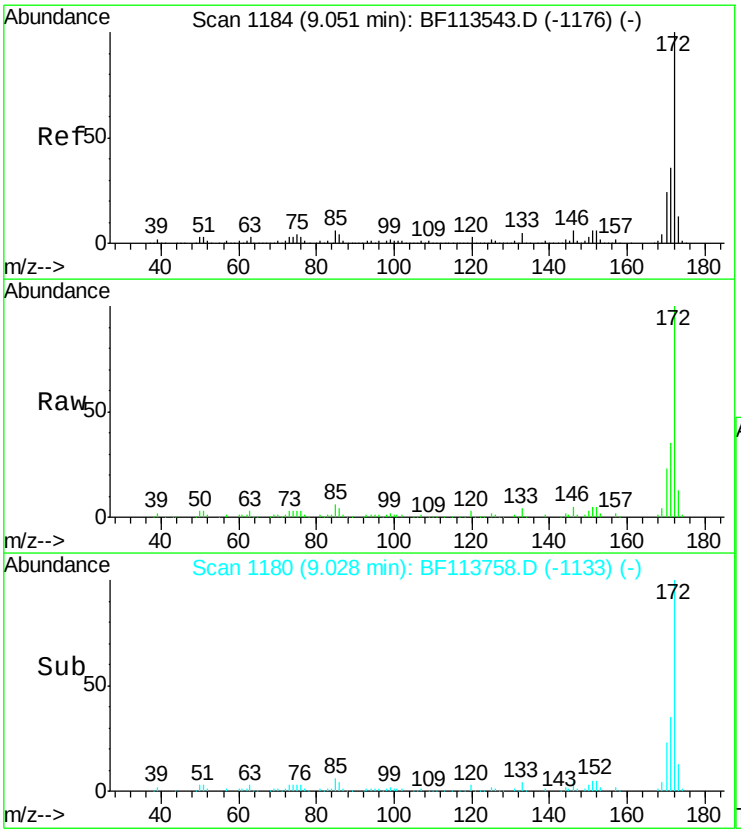
#42
2,4,6-Tribromophenol
Concen: 19.068 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 37523

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.8	116.6
141	29.2	22.7	34.1

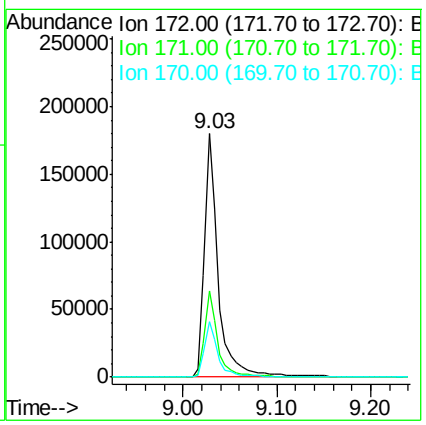


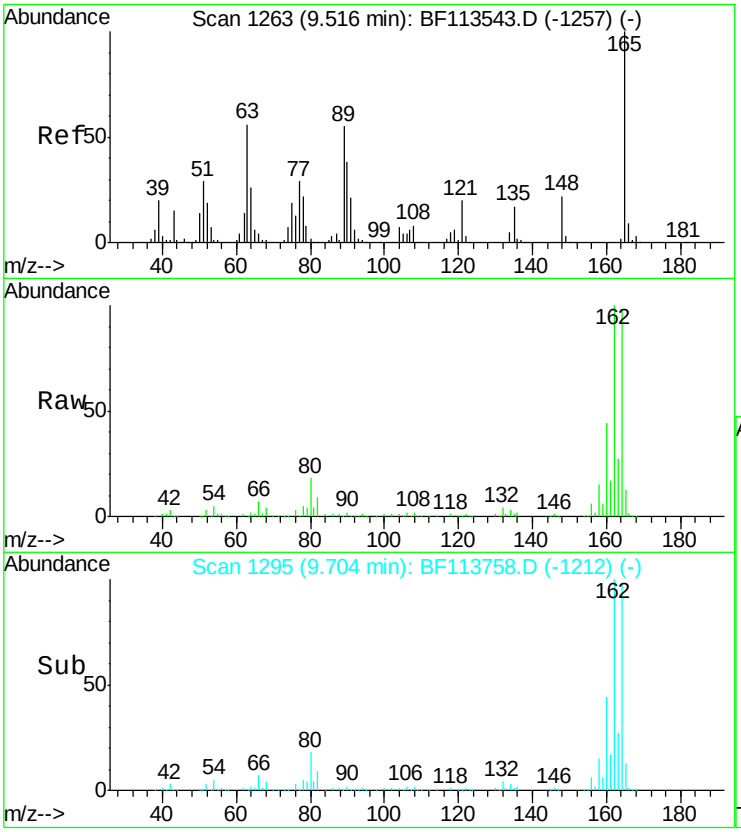


#45
2-Fluorobiphenyl
Concen: 18.226 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion:172 Resp: 185471

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	22.6	19.5	29.3



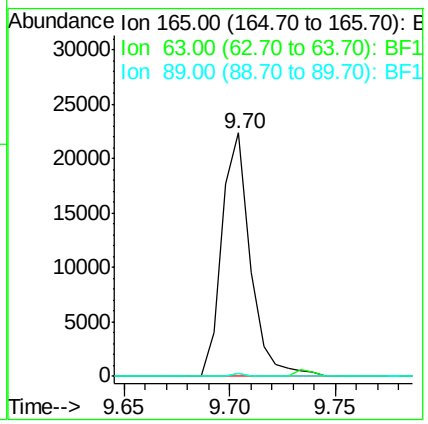


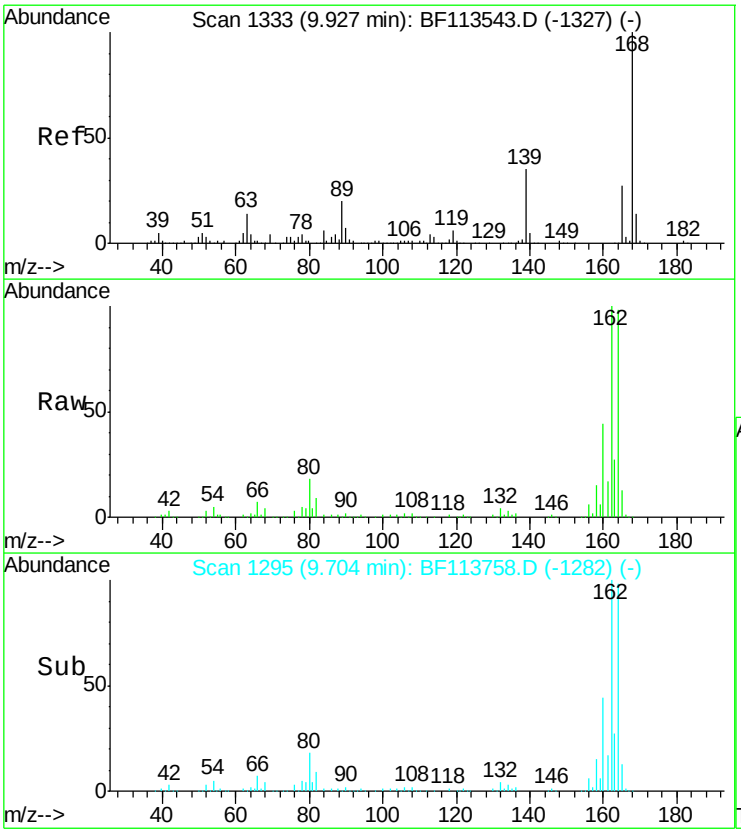
#51
2,6-Dinitrotoluene
Concen: 7.837 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.19 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20861

Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.0#
89	1.4	43.1	64.7#

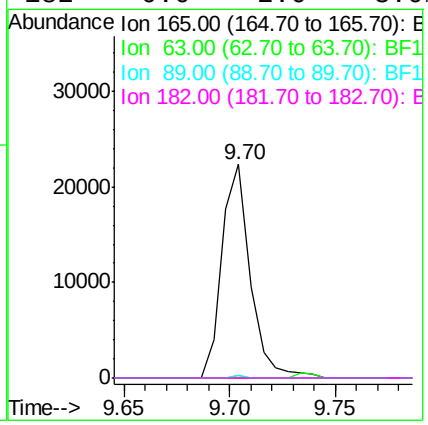


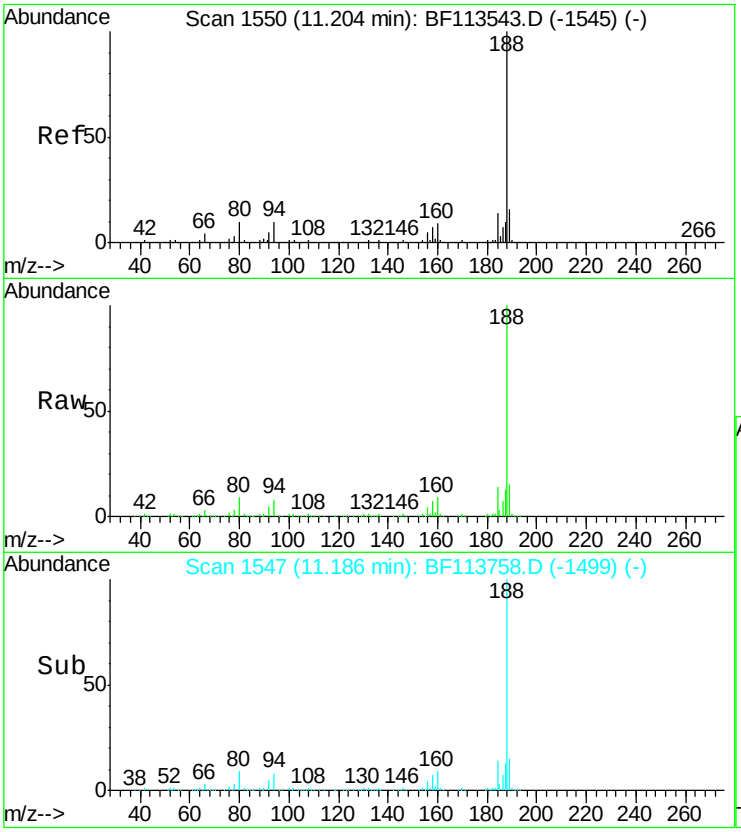


#57
2,4-Dinitrotoluene
Concen: 6.480 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.22 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion:165 Resp: 20861

Ion	Ratio	Lower	Upper
165	100		
63	1.5	37.5	56.3#
89	1.4	57.4	86.2#
182	0.0	2.0	3.0#



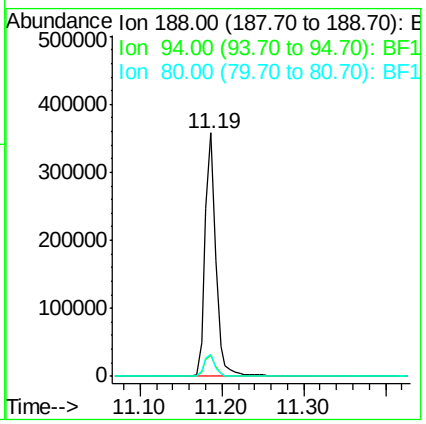


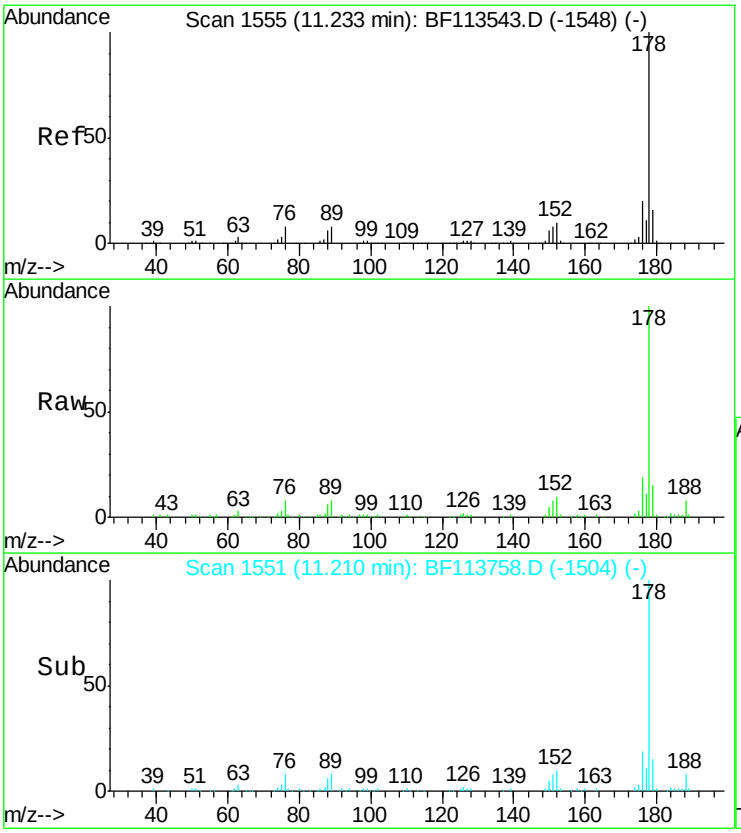
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 327523

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	9.0	7.7	11.5

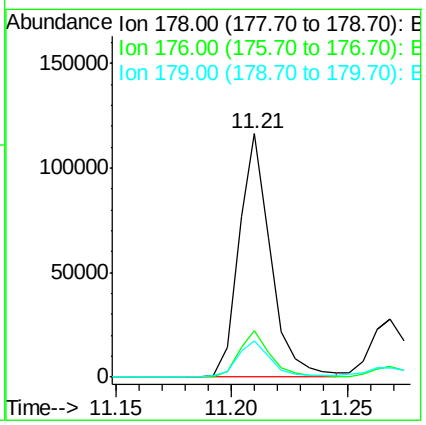


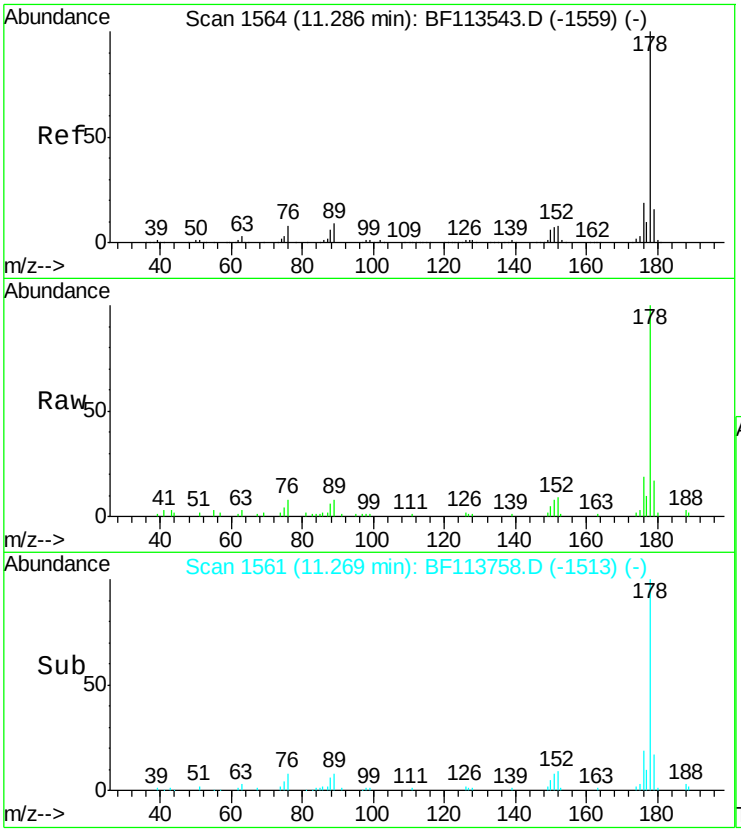


#71
Phenanthrene
Concen: 6.845 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion:178 Resp: 111402

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.2
179	15.0	12.7	19.1



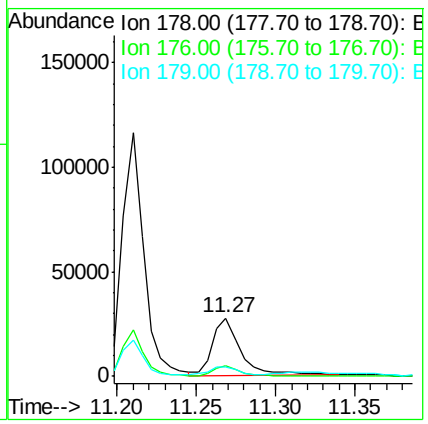


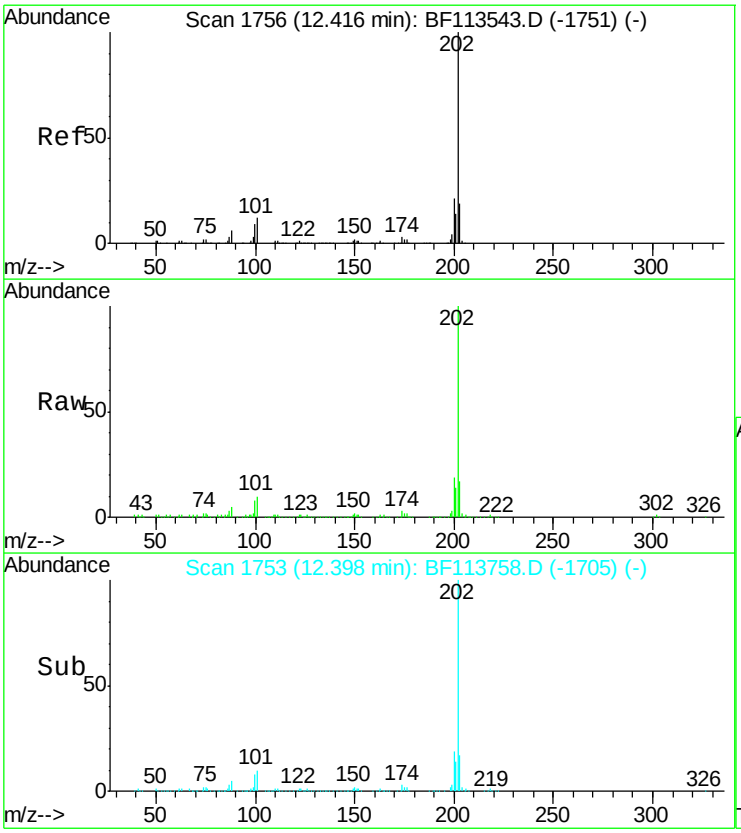
#72
Anthracene
Concen: 2.053 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 33990

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.8	12.8	19.2

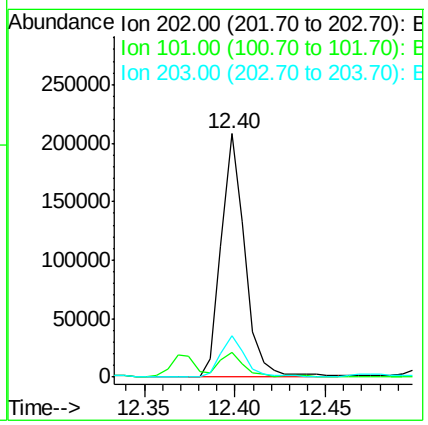


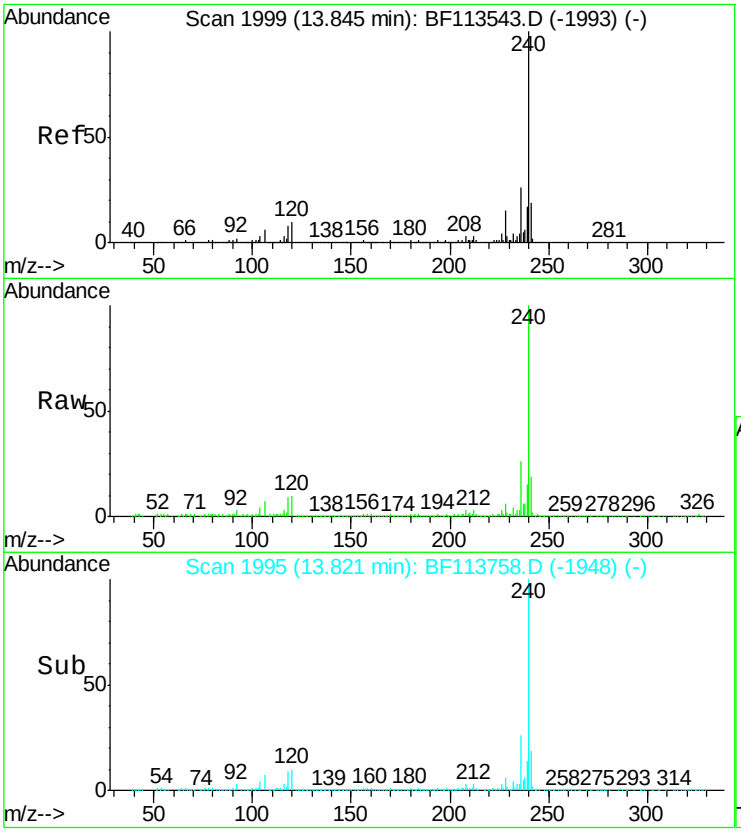


#75
Fluoranthene
Concen: 10.804 ng
RT: 12.40 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion:202 Resp: 188424

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.4
203	17.1	0.0	38.0



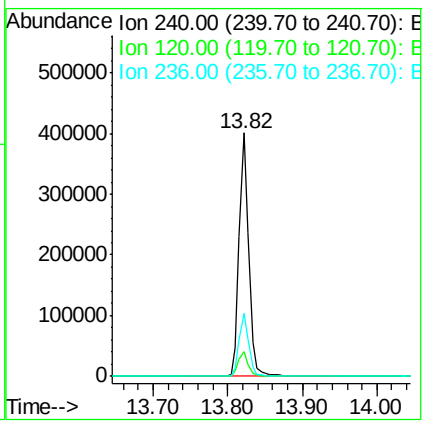


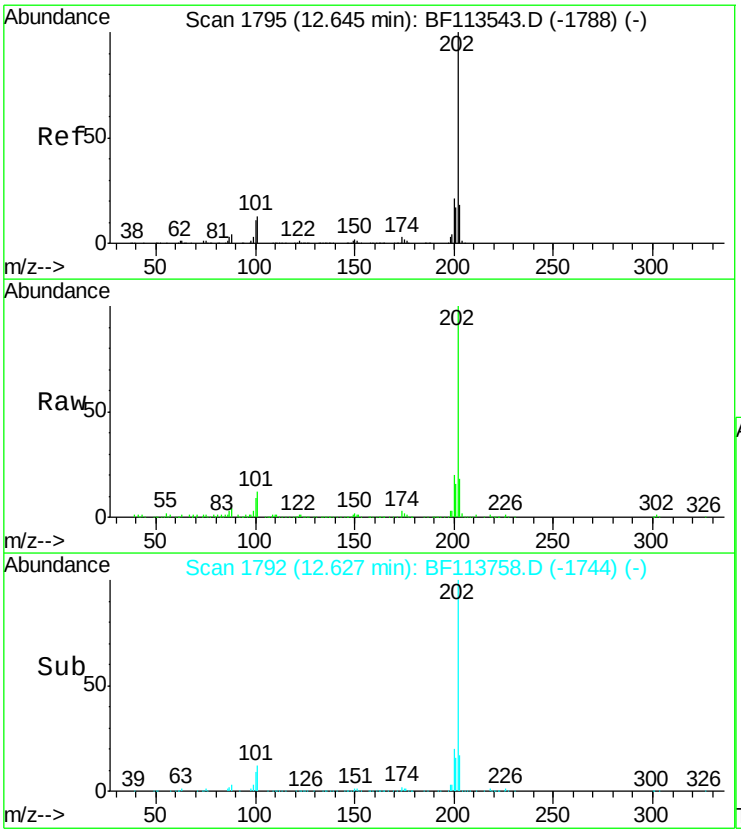
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 360936

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.8	13.2
236	25.9	20.9	31.3

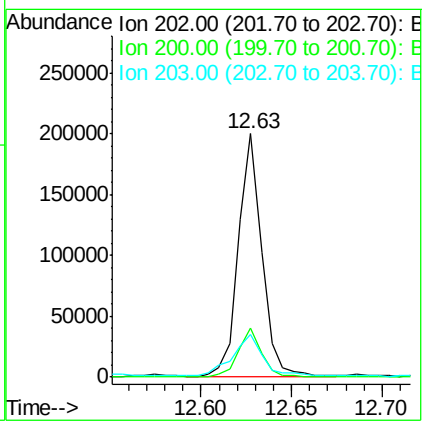


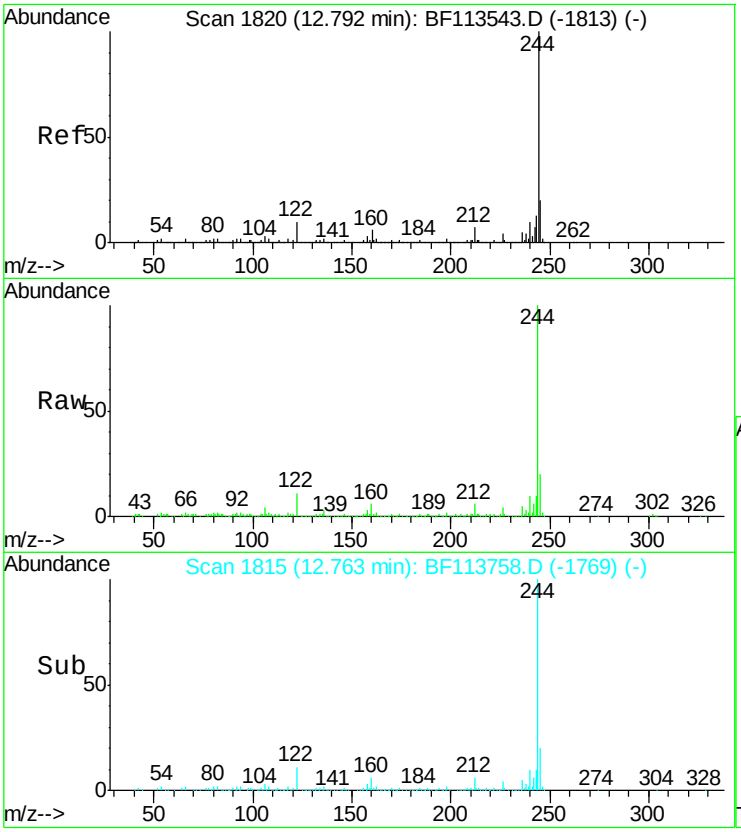


#78
Pyrene
Concen: 6.544 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion:202 Resp: 179720

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.8	25.2
203	17.6	14.4	21.6



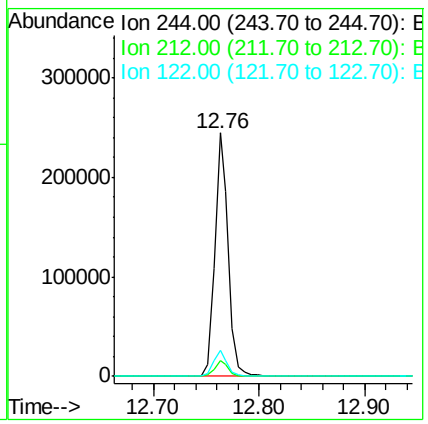


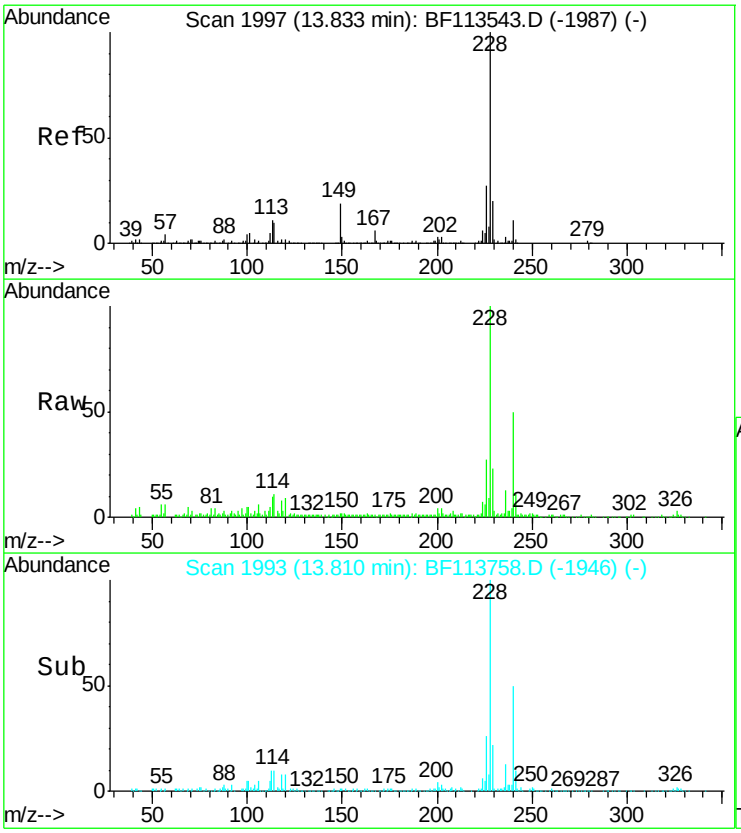
#79
Terphenyl-d14
Concen: 12.406 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 219923

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.5	8.3
122	10.8	8.6	13.0

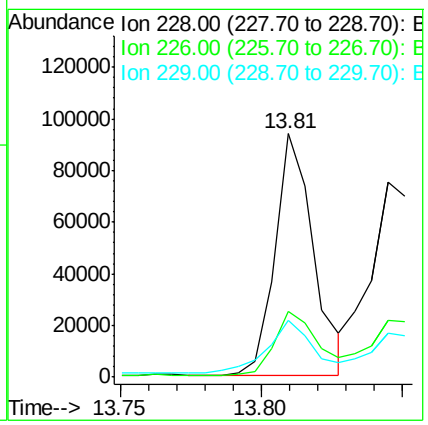


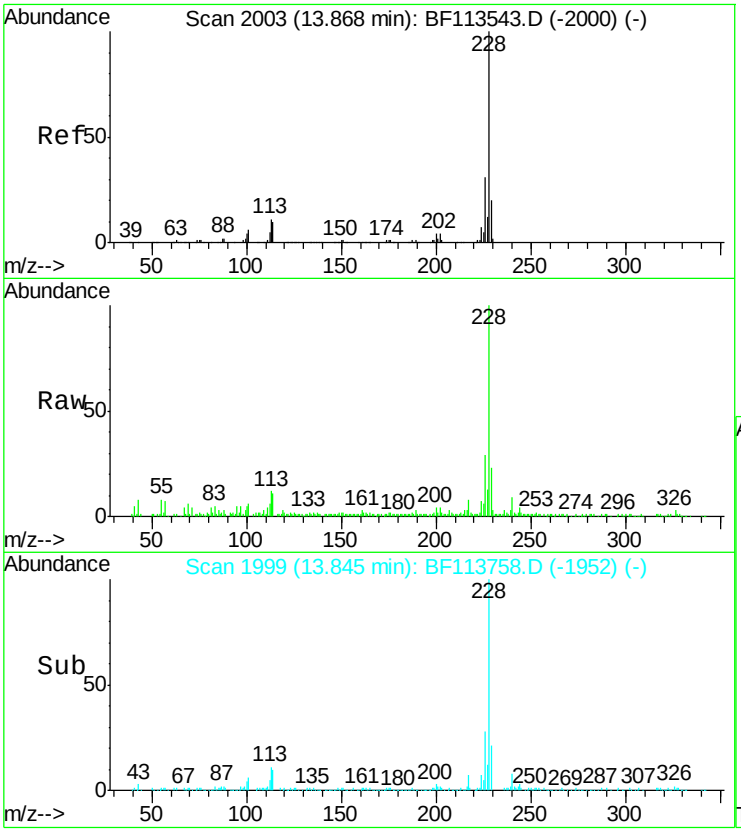


#81
Benzo(a)anthracene
Concen: 4.241 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion:228 Resp: 88301

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	23.1	16.2	24.4



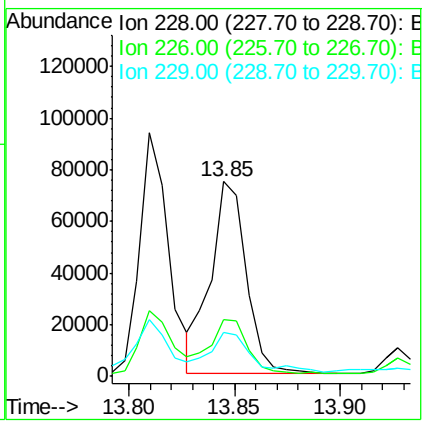


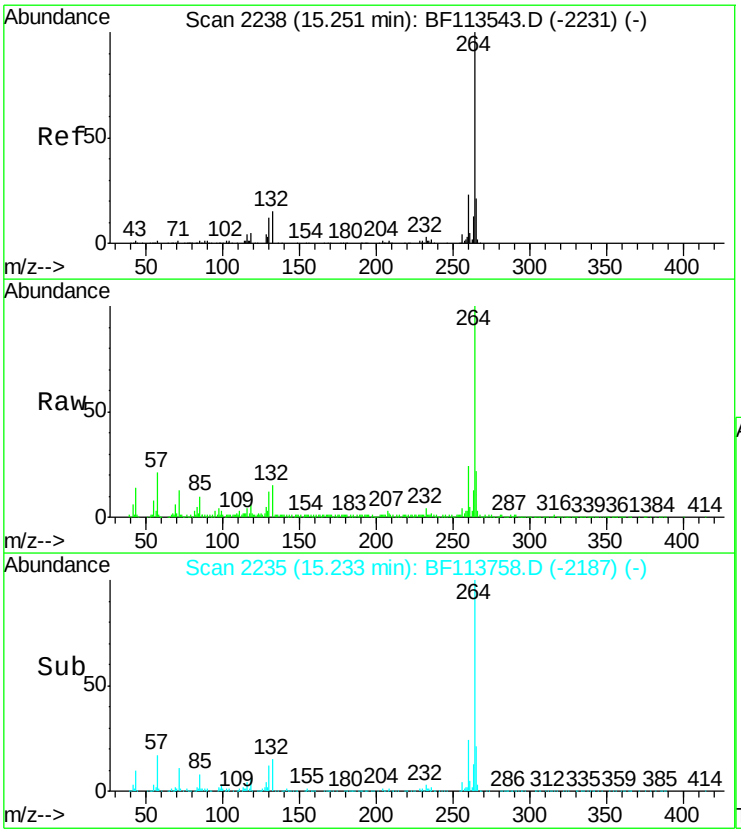
#83
Chrysene
Concen: 4.149 ng
RT: 13.85 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 87561

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.3	36.5
229	22.9	16.3	24.5

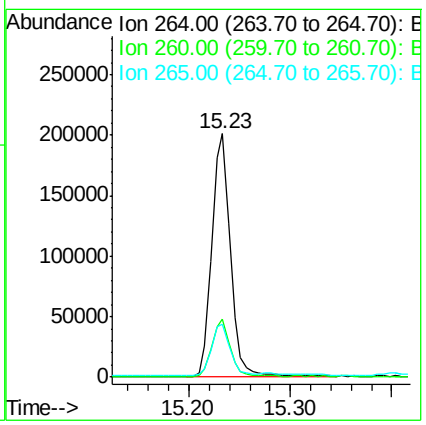


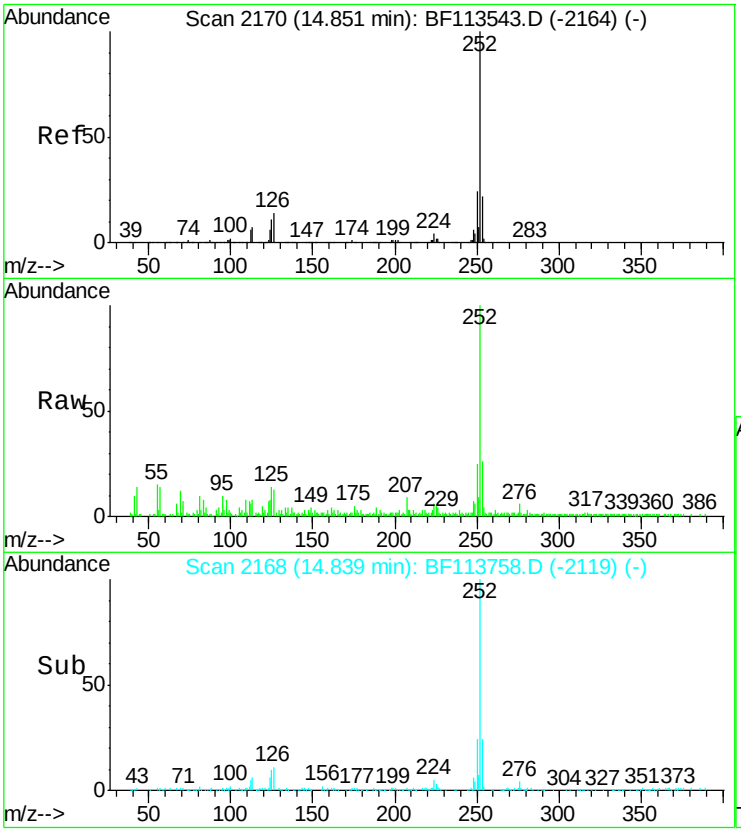


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion:264 Resp: 254354

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.6	17.1	25.7



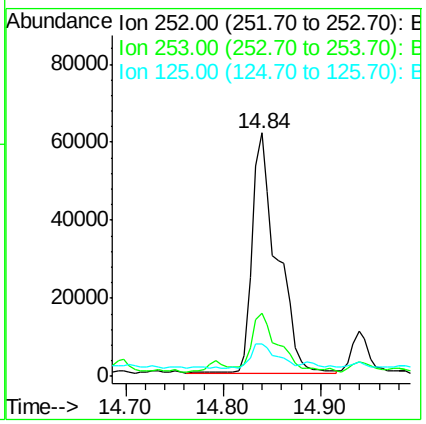


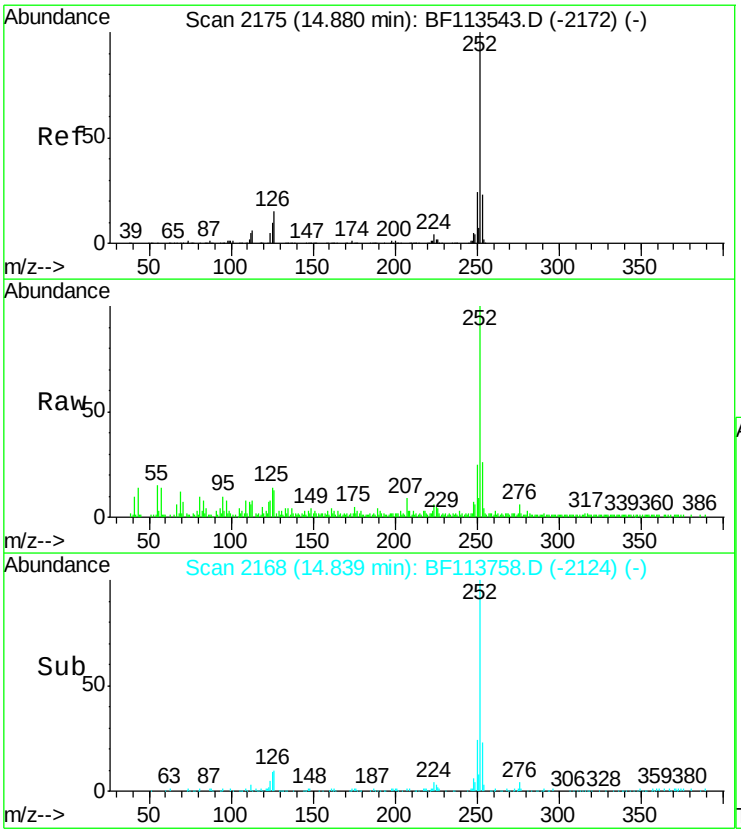
#88
Benzo(b)fluoranthene
Concen: 7.087 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 110347

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.0	27.0
125	13.6	7.6	11.4#

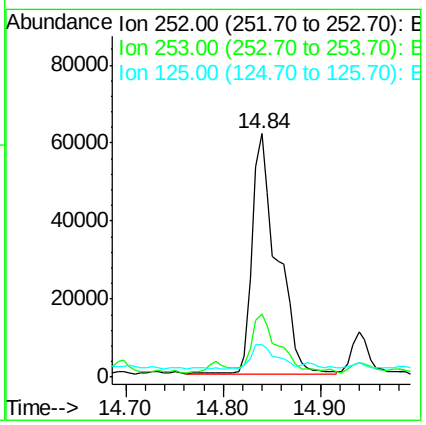


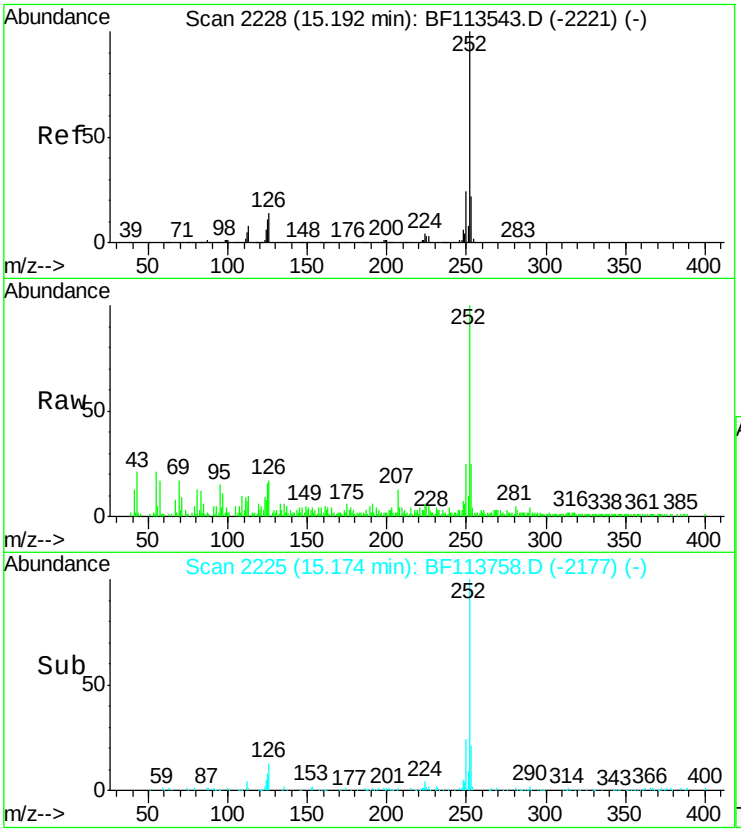


#89
Benzo(k)fluoranthene
Concen: 7.897 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.04 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion:252 Resp: 110347

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.7	26.5
125	13.6	7.3	10.9#



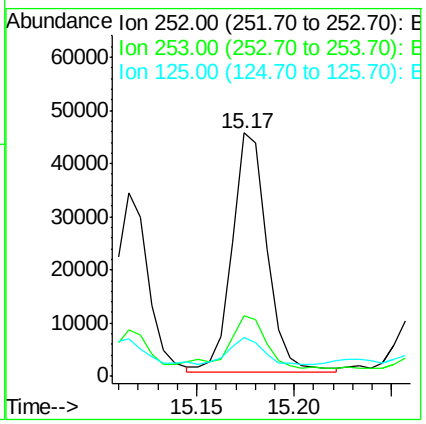


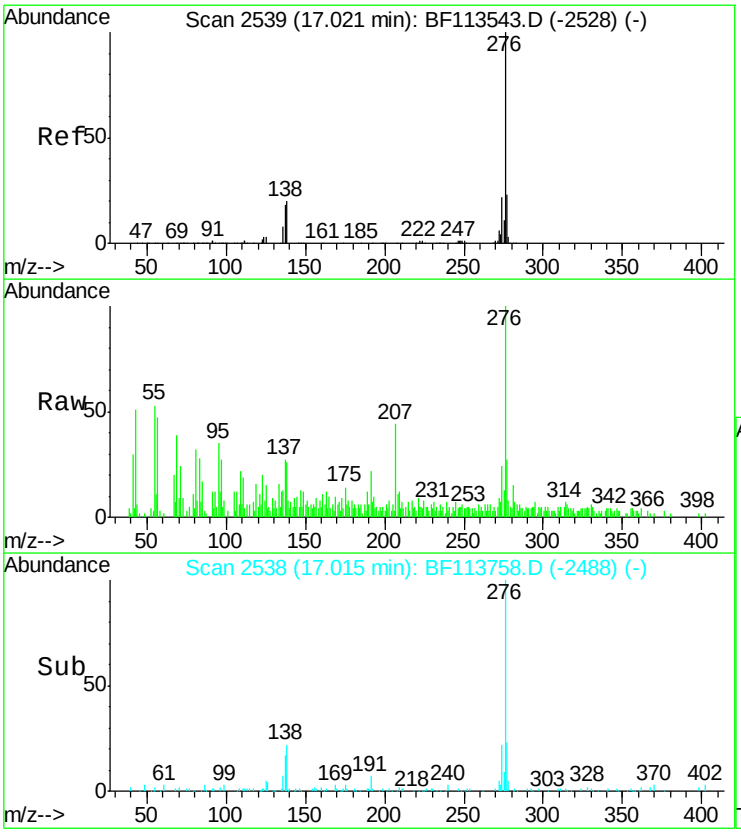
#90
Benzo(a)pyrene
Concen: 4.040 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 55890

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	15.7	8.8	13.2#





#92
Benzo(g,h,i)perylene
Concen: 2.121 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF113758.D
Acq: 13 Apr 2019 00:50

Tgt Ion:276 Resp: 28014

Ion	Ratio	Lower	Upper
276	100		
277	27.4	18.8	28.2
138	25.8	15.6	23.4#