Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111418.D
Acq On : 14 Dec 2018 15:00
Operator : JU/SJ
Sample : J6319-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 14 15:53:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	157673	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	645037	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	339595	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	612066	20.00	ng		0.00
76) Chrysene-d12	13.94	240	420723	20.00	ng		0.00
87) Perylene-d12	15.38	264	346027	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1079371	113.92	ng		0.00
7) Phenol-d6	6.43	99	1411164	111.96	ng		0.00
23) Nitrobenzene-d5	7.35	82	870676	80.38	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	324204	106.57	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1457097	66.28	ng		0.00
79) Terphenyl-d14	12.90	244	1392096	77.70	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	95398	6.795	ng		97
15) Benzyl Alcohol	6.95	79	22218	2.317	ng	#	39
18) Hexachloroethane	7.33	117	250101	53.127	ng	#	1
19) n-Nitroso-di-n-propylamine	7.23	70	17252	2.075	ng	#	68
22) Acetophenone	7.19	105	107335	7.454	ng	#	35
24) Nitrobenzene	7.37	77	38034	3.442	ng	#	18
35) Caprolactam	8.50	113	13844	4.205	ng	#	1
37) 2-Methylnaphthalene	8.89	142	166280	8.145	ng		95
38) 1-Methylnaphthalene	8.89	142	166280	8.431	ng		99
50) Dimethylphthalate	9.54	163	116277	4.754	ng		97
57) 2,4-Dinitrotoluene	9.83	165	45500	6.297	ng	#	26
67) 4-Bromophenyl-phenylether	10.62	248	21669	3.285	ng	#	1
78) Pyrene	12.75	202	62780	2.116	ng		94

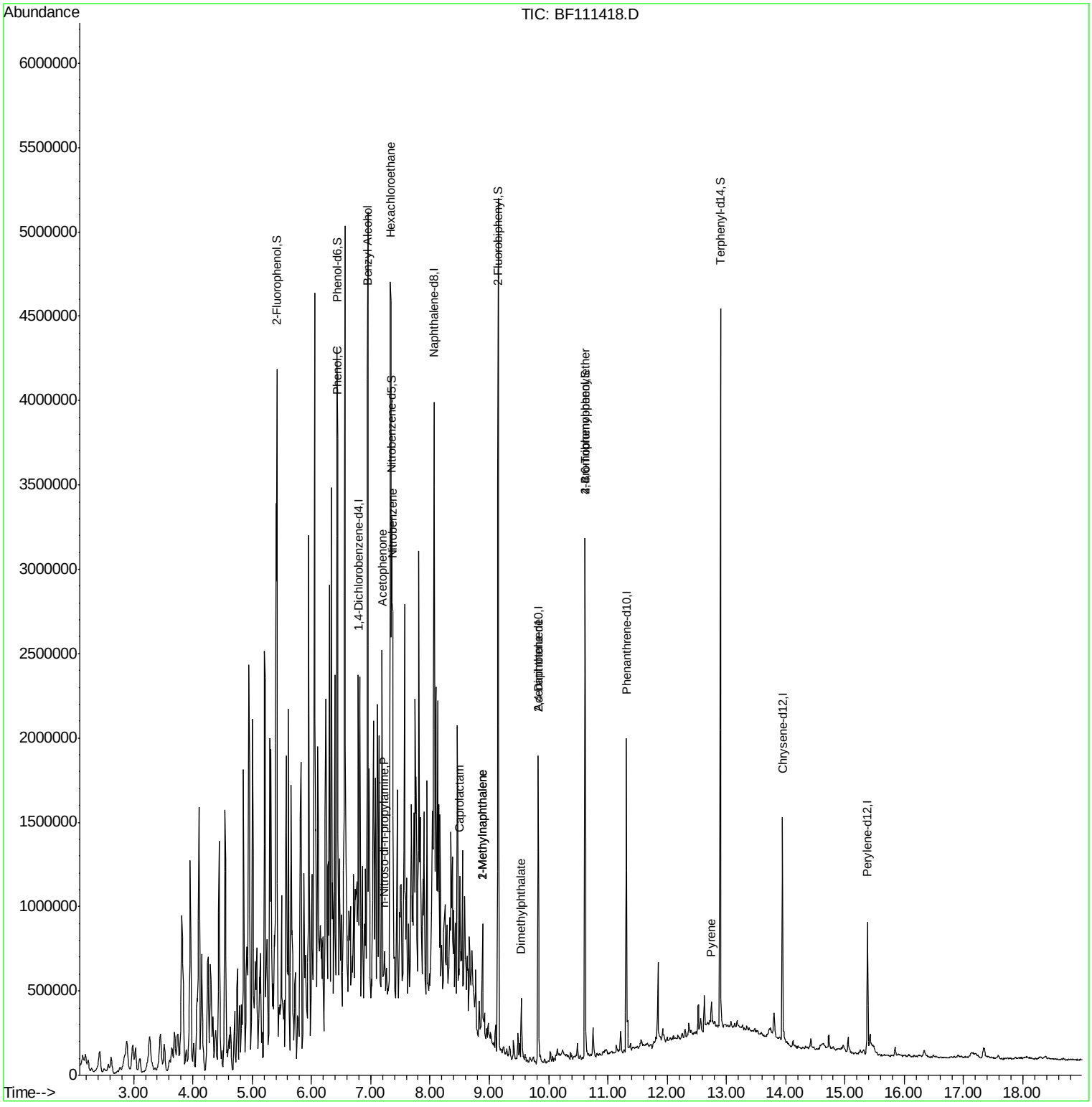
(#) = qualifier out of range (m) = manual integration (+) = signals summed

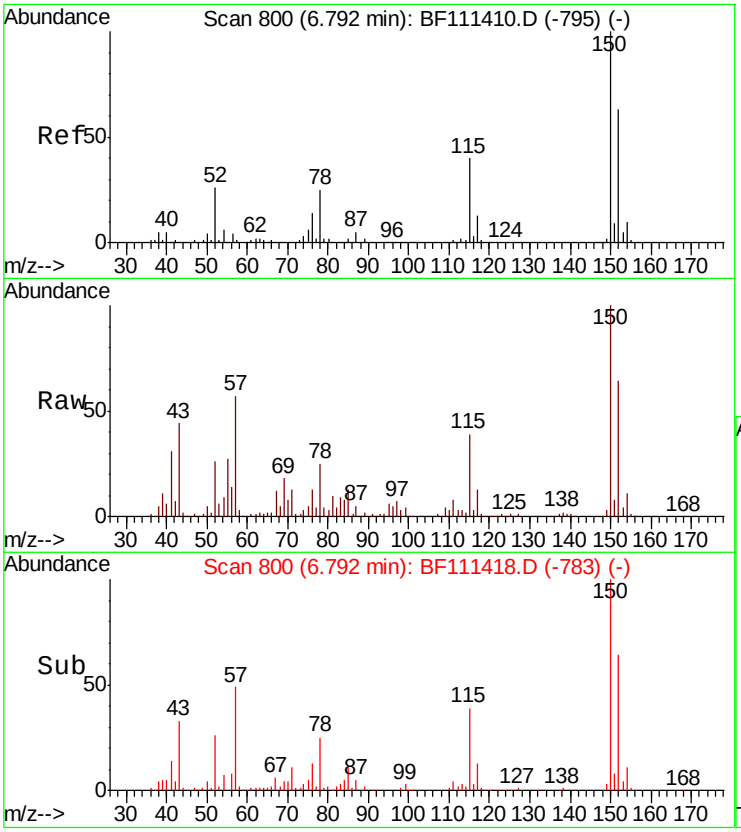
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111418.D
Acq On : 14 Dec 2018 15:00
Operator : JU/SJ
Sample : J6319-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 14 15:53:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



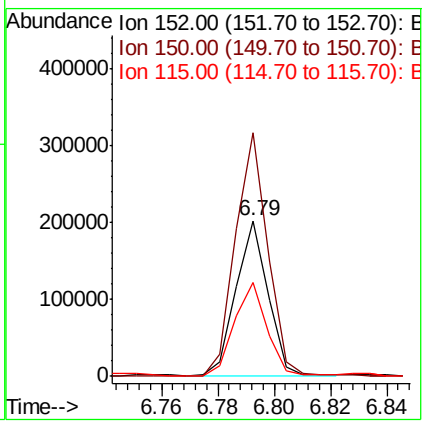


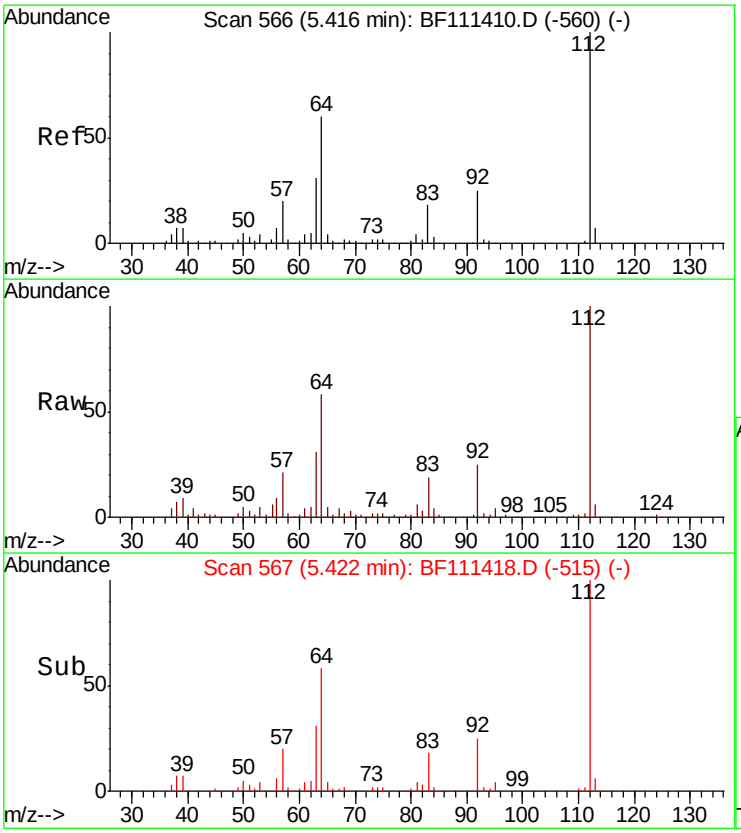
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 157673

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.6	189.8
115	60.4	50.7	76.1

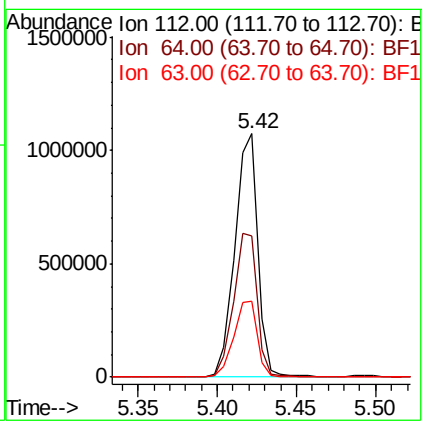


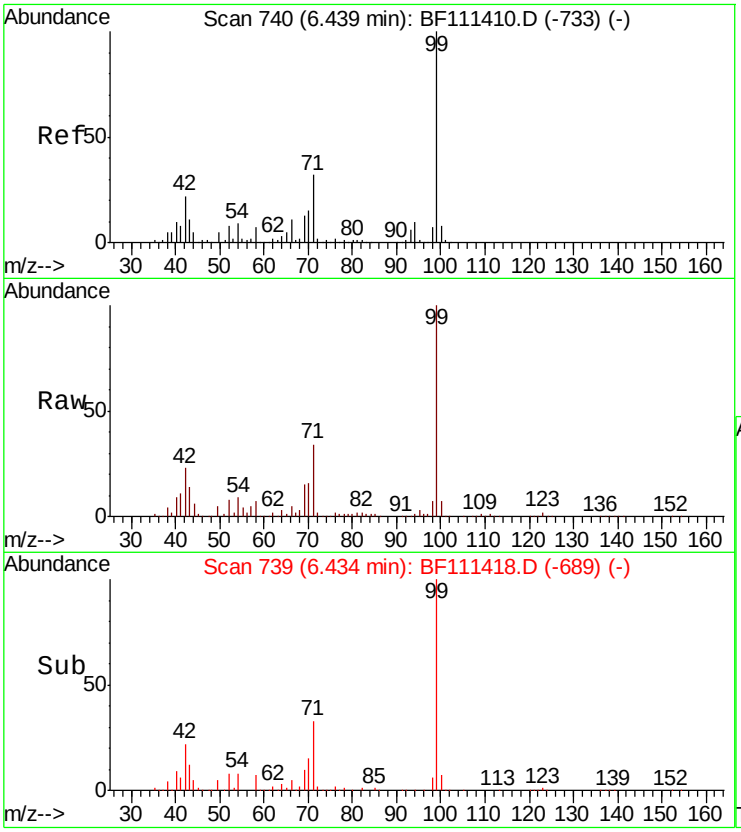


#5
2-Fluorophenol
Concen: 113.915 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Tgt Ion:112 Resp: 1079371

Ion	Ratio	Lower	Upper
112	100		
64	58.2	51.8	77.6
63	31.3	26.8	40.2



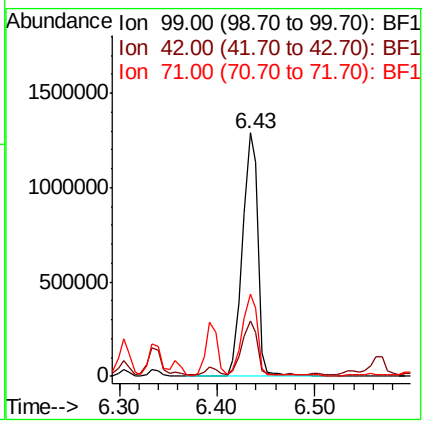


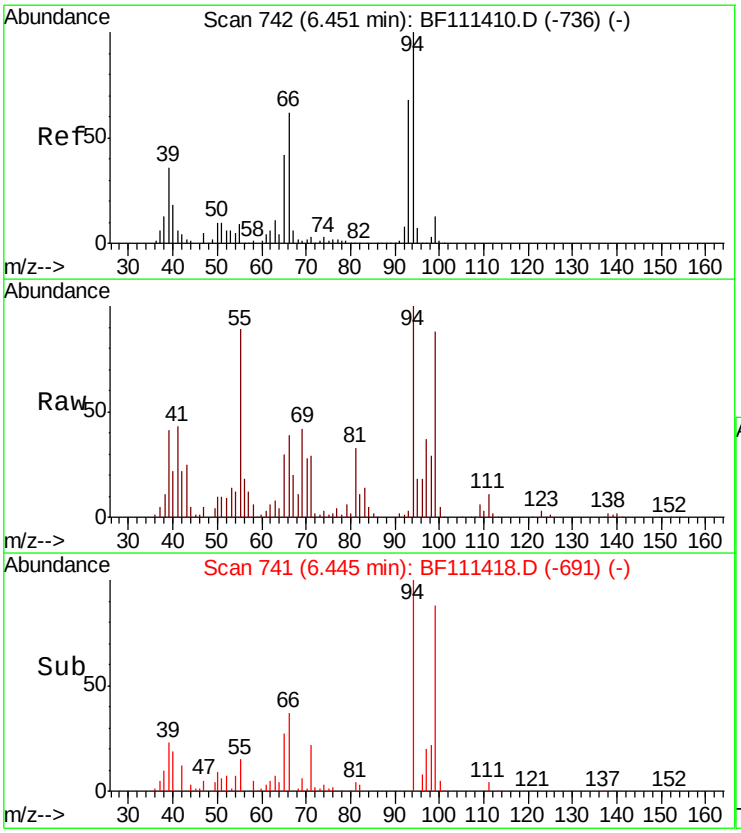
#7
Phenol-d6
Concen: 111.964 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1411164

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.4	26.0
71	33.9	26.1	39.1

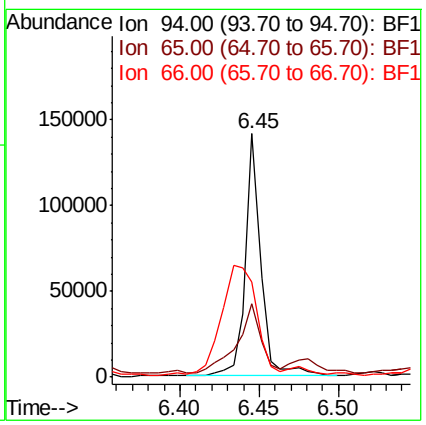


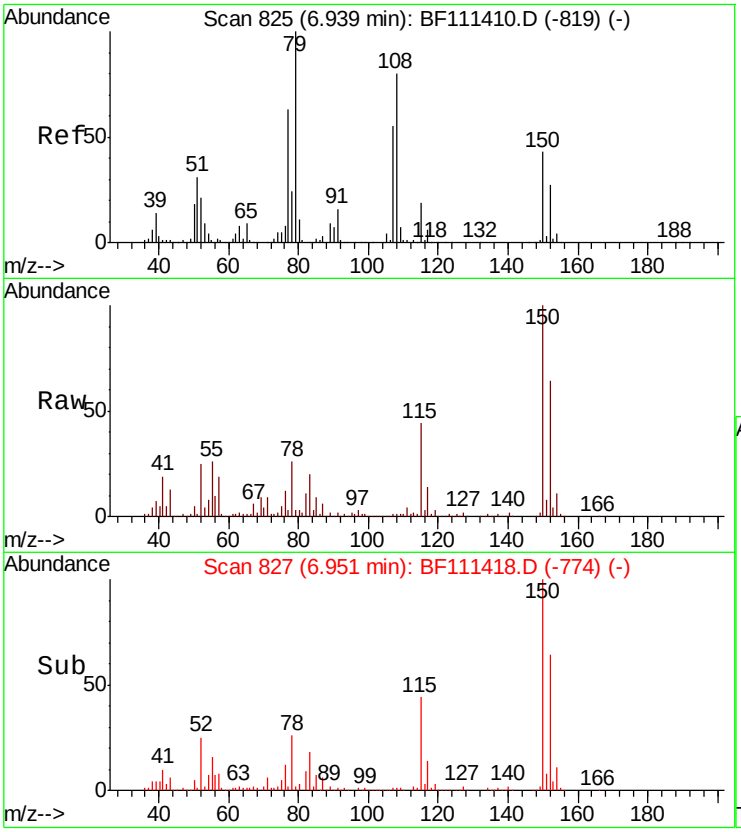


#10
Phenol
Concen: 6.795 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Tgt Ion: 94 Resp: 95398

Ion	Ratio	Lower	Upper
94	100		
65	30.2	11.7	51.7
66	38.9	21.0	61.0



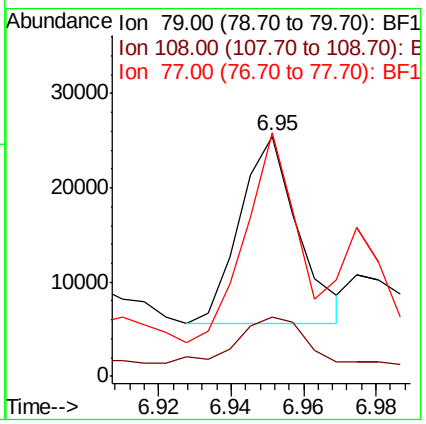


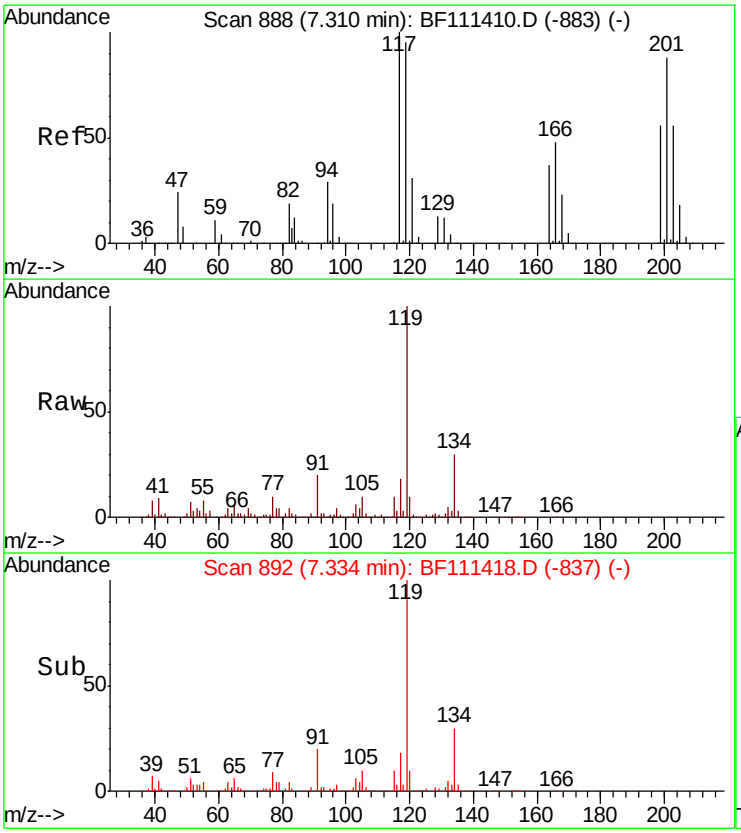
#15
Benzyl Alcohol
Concen: 2.317 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 22218

Ion	Ratio	Lower	Upper
79	100		
108	24.6	69.4	104.2#
77	101.4	49.7	74.5#

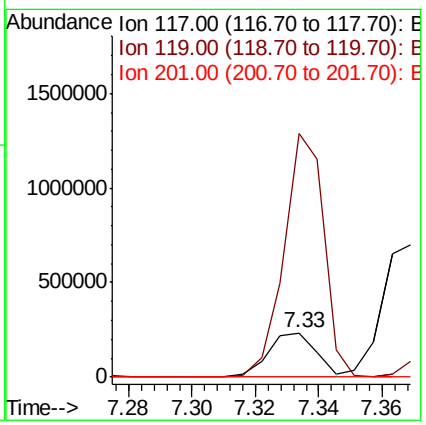


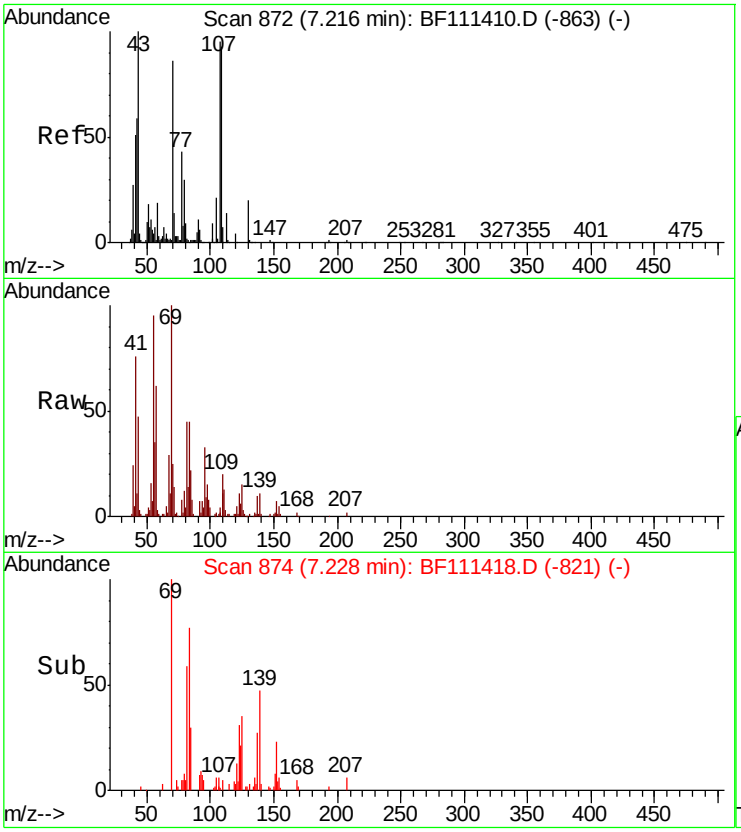


#18
Hexachloroethane
Concen: 53.127 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.02 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Tgt Ion:117 Resp: 250101

Ion	Ratio	Lower	Upper
117	100		
119	546.7	75.4	113.0#
201	0.0	62.4	93.6#



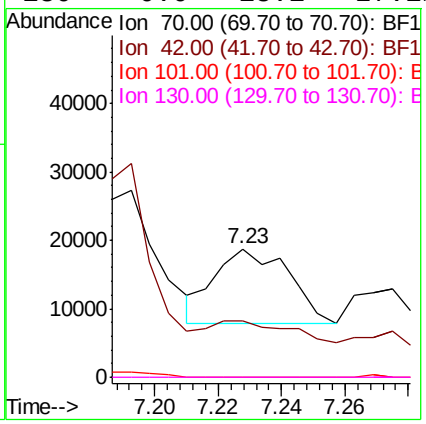


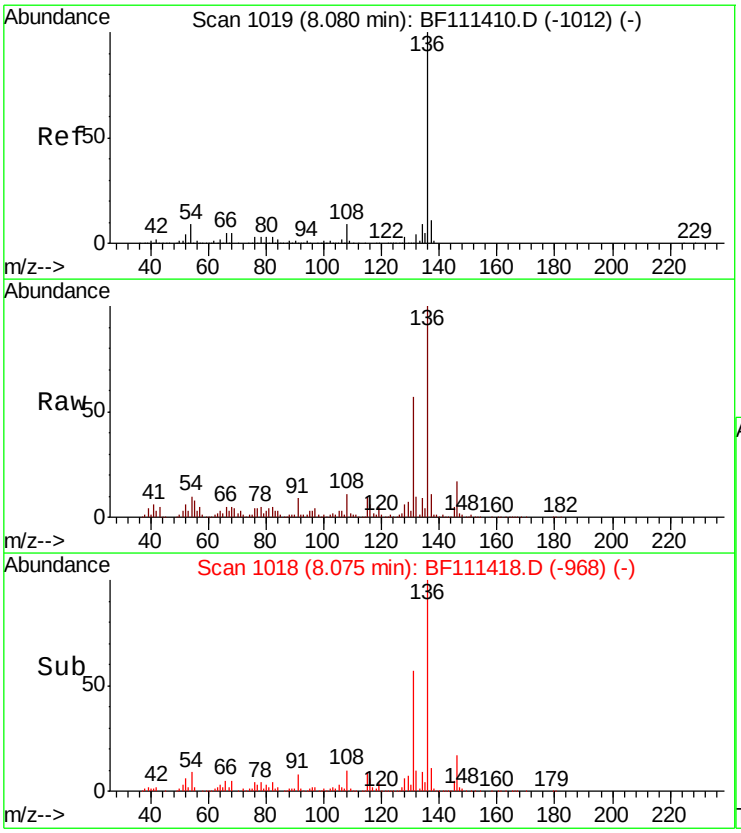
#19
n-Nitroso-di-n-propylamine
Concen: 2.075 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 17252

Ion	Ratio	Lower	Upper
70	100		
42	44.0	53.2	79.8#
101	0.0	8.2	12.4#
130	0.0	18.1	27.1#

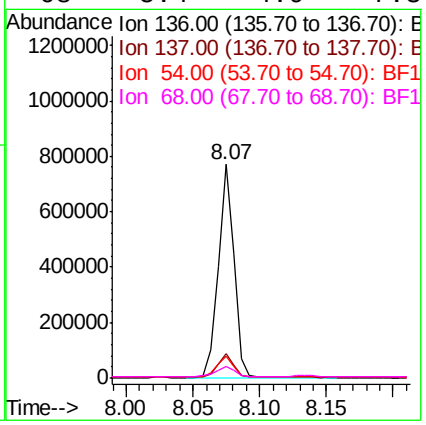


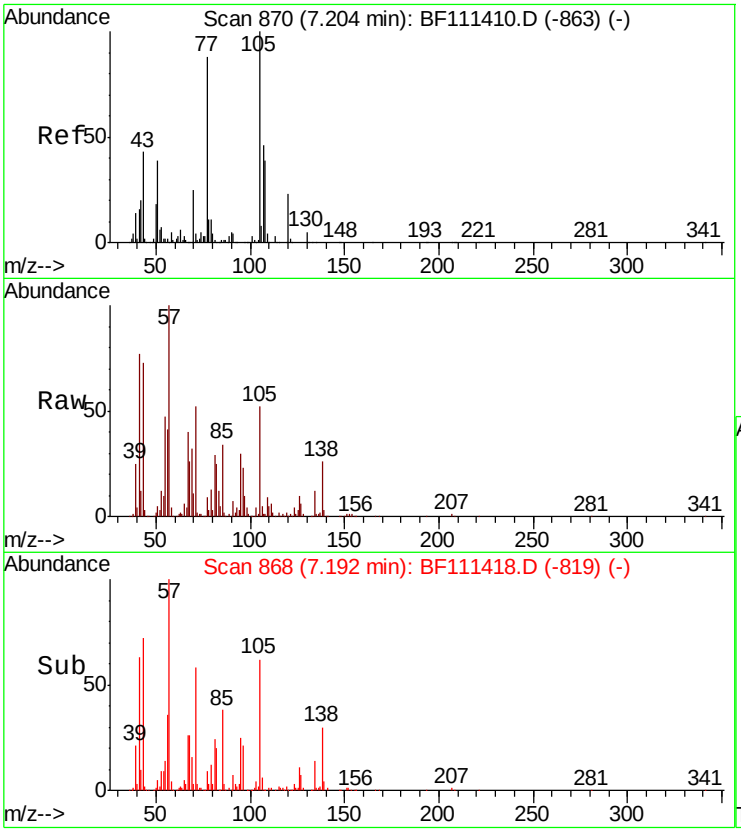


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Tgt Ion:136 Resp: 645037

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.0	7.7	11.5
68	5.4	4.9	7.3



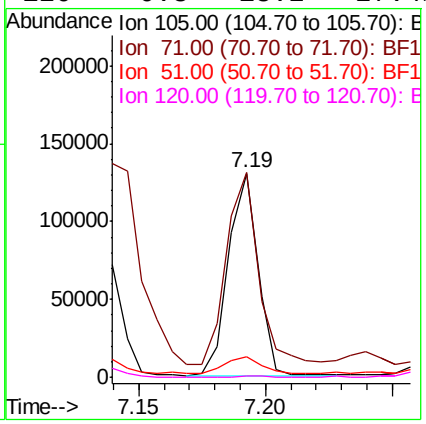


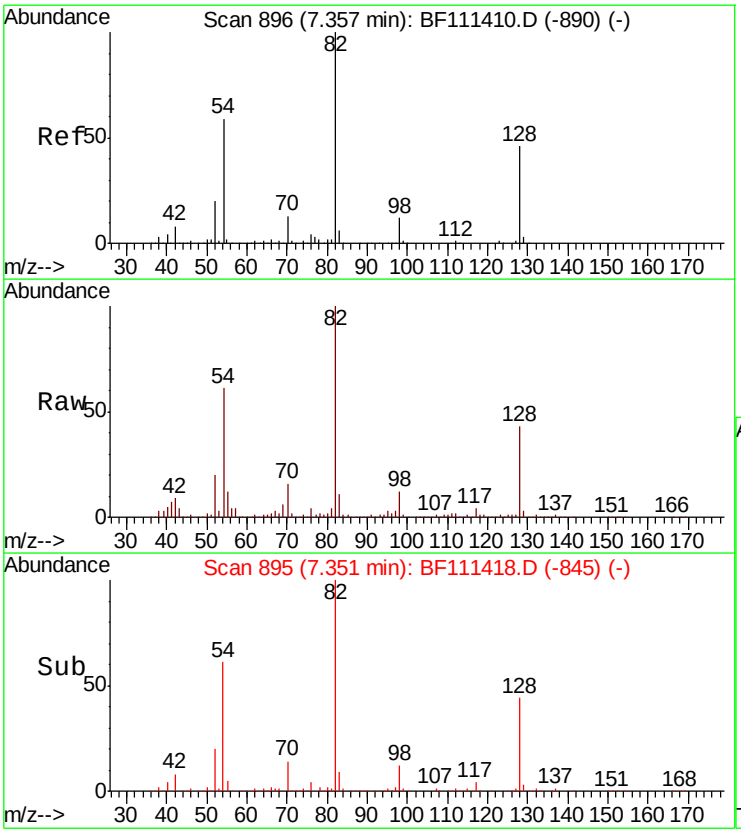
#22
Acetophenone
Concen: 7.454 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 107335

Ion	Ratio	Lower	Upper
105	100		
71	100.7	3.1	4.7#
51	10.1	36.6	54.8#
120	0.3	18.2	27.4#

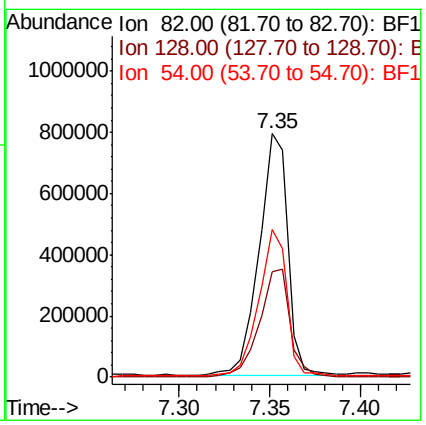


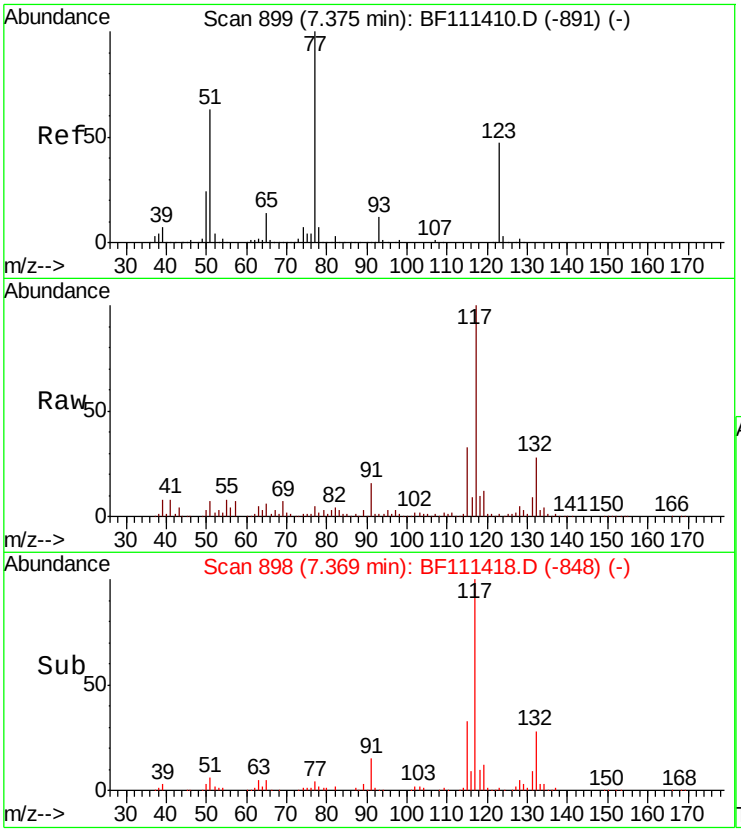


#23
Nitrobenzene-d5
Concen: 80.379 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Tgt Ion: 82 Resp: 870676

Ion	Ratio	Lower	Upper
82	100		
128	43.2	37.4	56.2
54	60.8	47.6	71.4



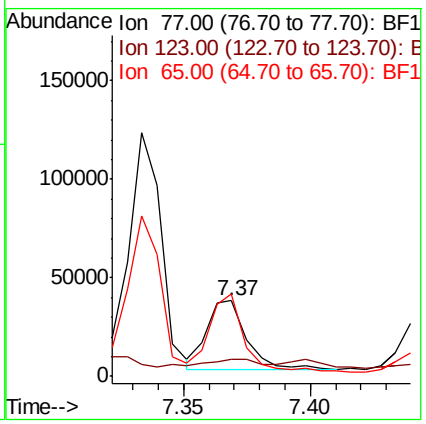


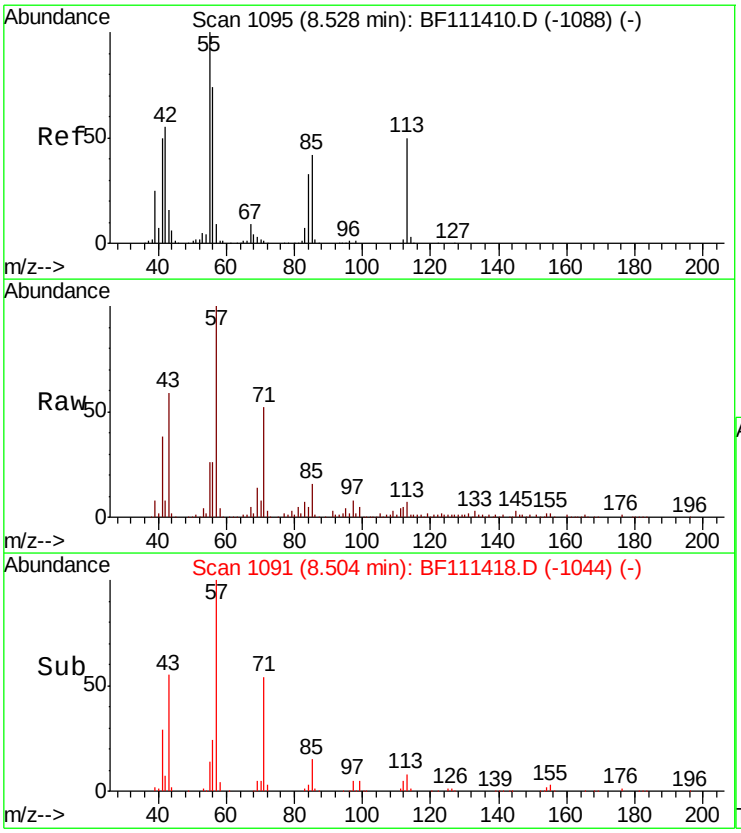
#24
Nitrobenzene
Concen: 3.442 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 38034

Ion	Ratio	Lower	Upper
77	100		
123	22.0	37.2	55.8#
65	108.1	11.5	17.3#

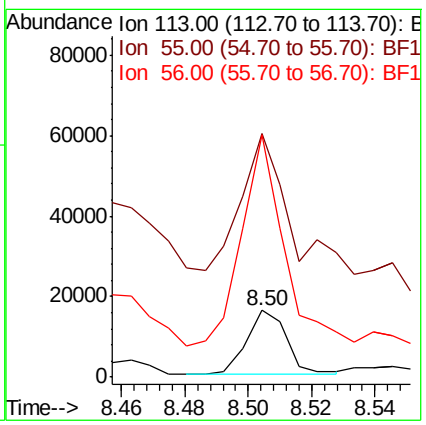


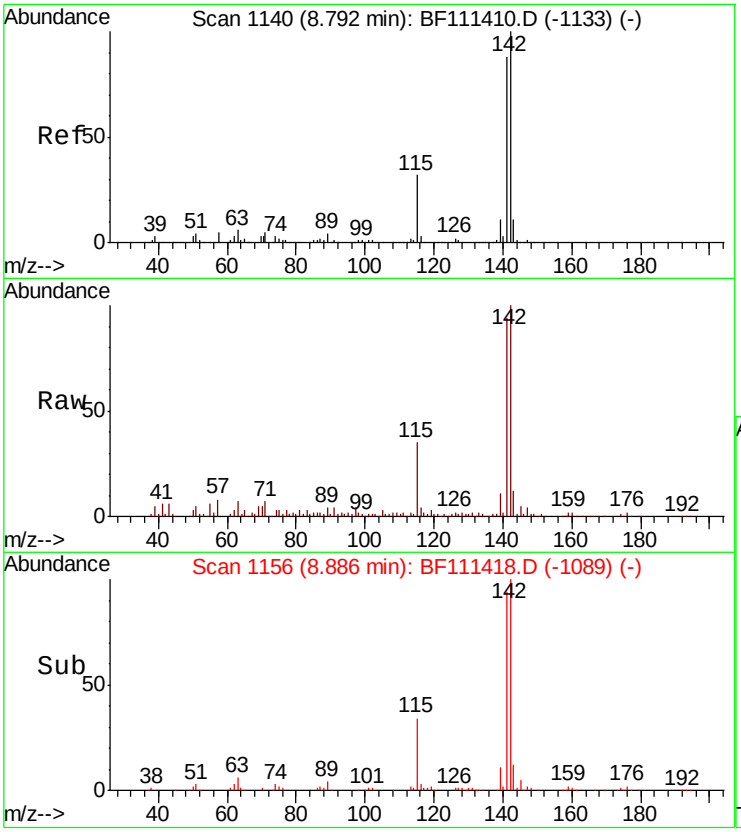


#35
Caprolactam
Concen: 4.205 ng
RT: 8.50 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Tgt Ion:113 Resp: 13844

Ion	Ratio	Lower	Upper
113	100		
55	364.8	184.1	224.1#
56	363.0	126.0	166.0#



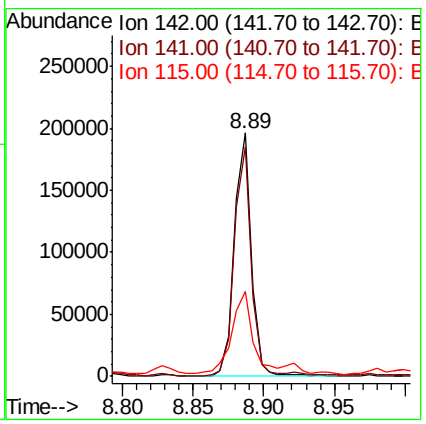


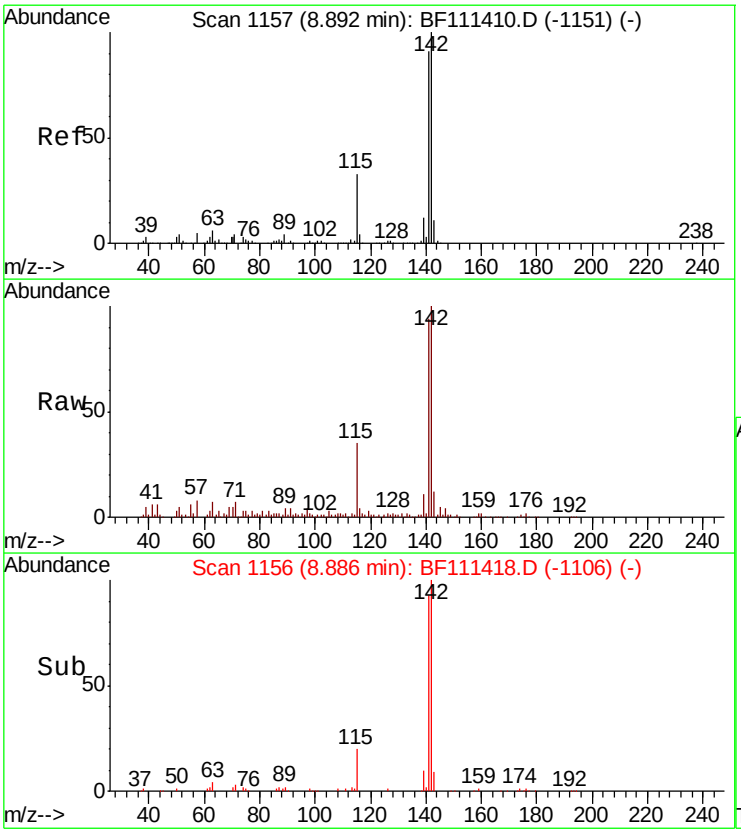
#37
2-Methylnaphthalene
Concen: 8.145 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.09 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 166280

Ion	Ratio	Lower	Upper
142	100		
141	94.1	70.6	105.8
115	34.7	27.0	40.6

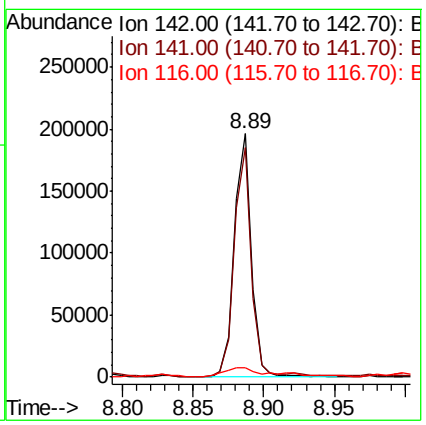


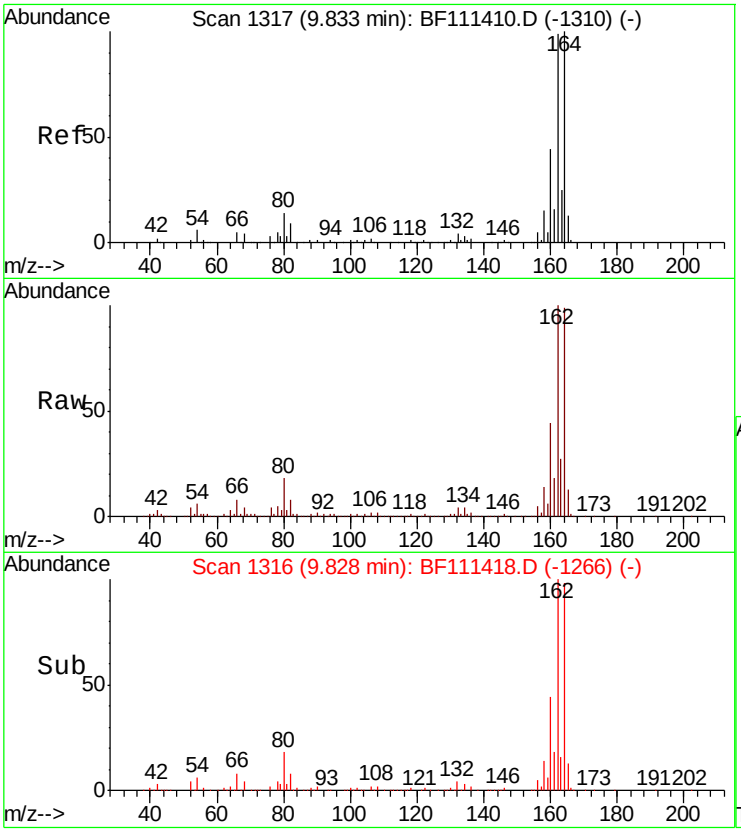


#38
1-Methylnaphthalene
Concen: 8.431 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Tgt Ion:142 Resp: 166280

Ion	Ratio	Lower	Upper
142	100		
141	94.1	74.2	111.4
116	3.8	2.9	4.3

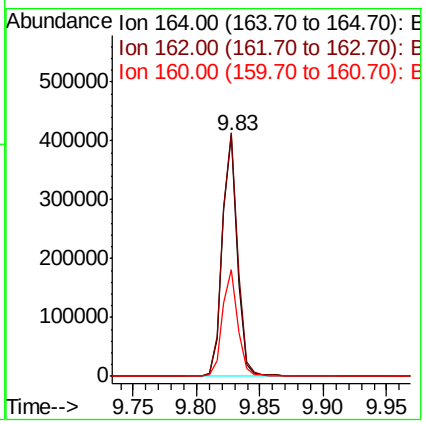




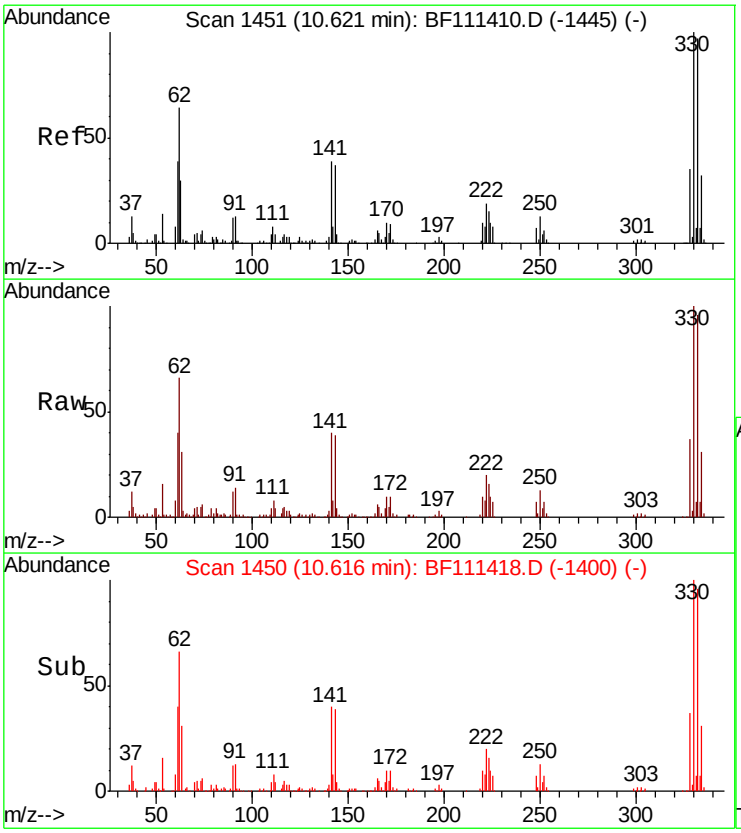
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Tgt Ion:164 Resp: 339595

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.0
160	44.6	35.7	53.5



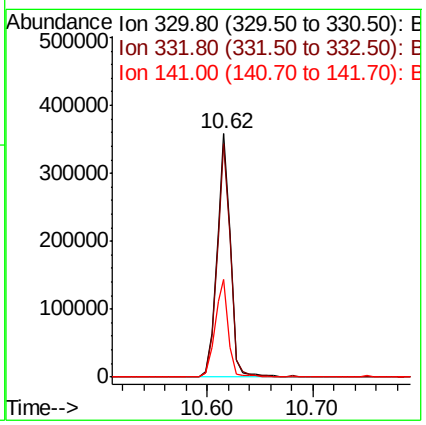
Instrument :
BNA_F
ClientSampleId :

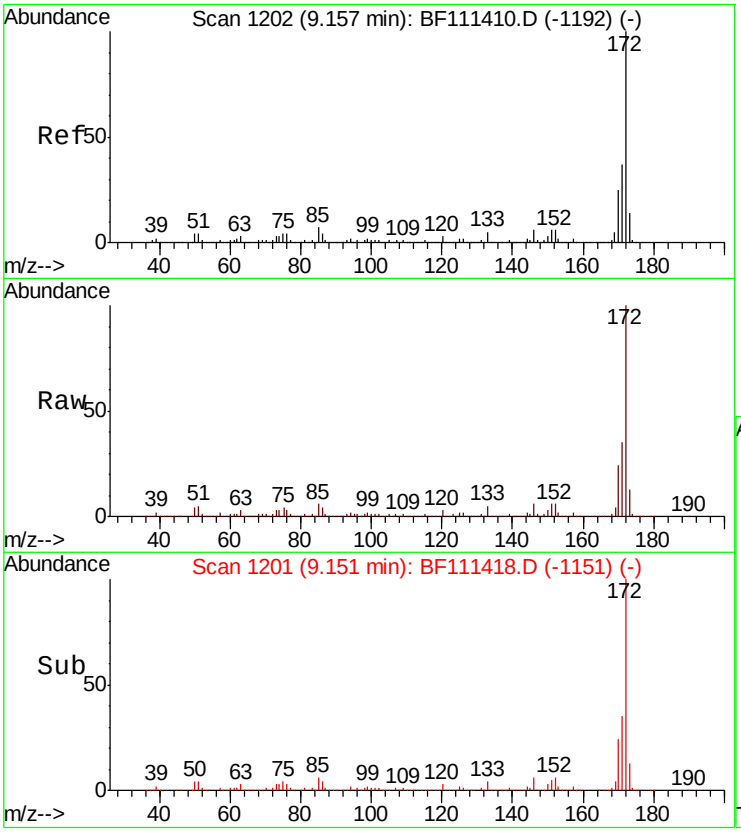


#42
2,4,6-Tribromophenol
Concen: 106.574 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Tgt Ion:330 Resp: 324204

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.0	114.0
141	39.6	31.0	46.6

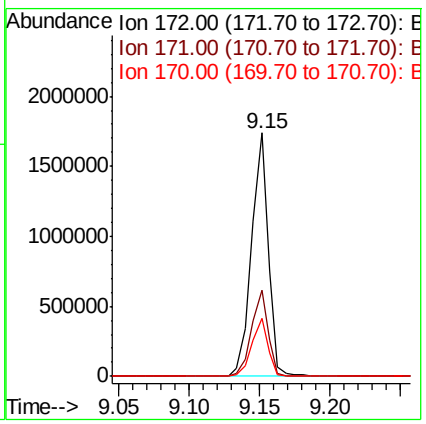




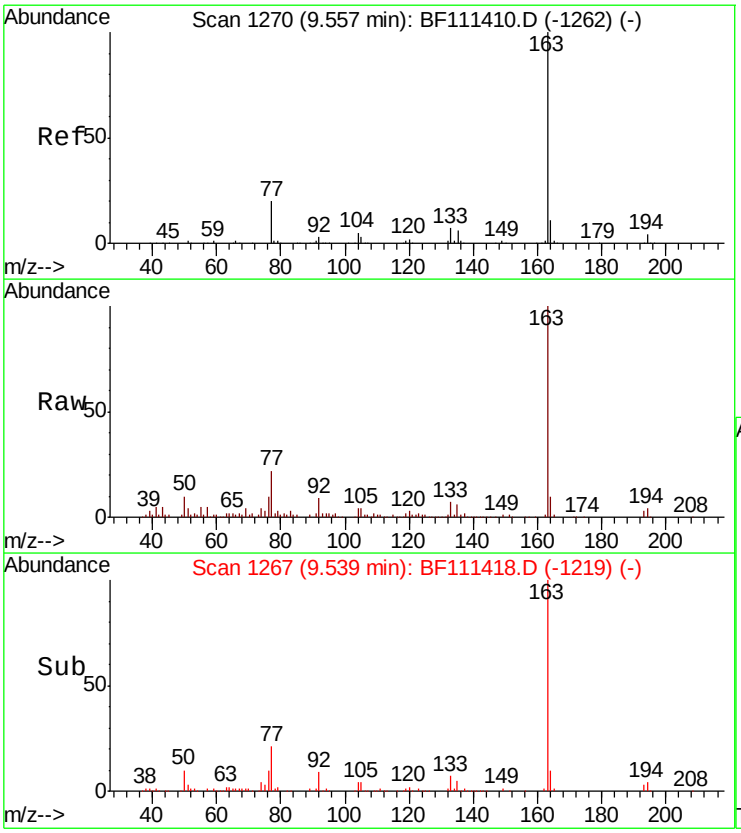
#45
2-Fluorobiphenyl
Concen: 66.276 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Tgt Ion:172 Resp: 1457097

Ion	Ratio	Lower	Upper
172	100		
171	35.4	33.0	49.4
170	23.9	22.3	33.5



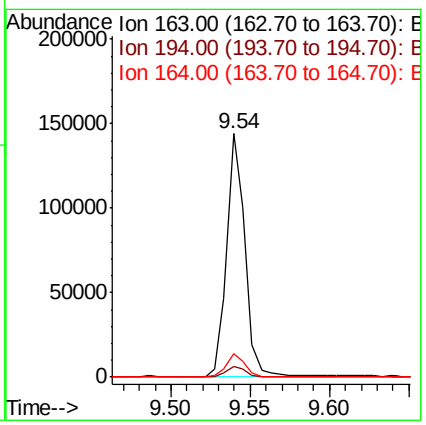
Instrument :
BNA_F
ClientSampleId :

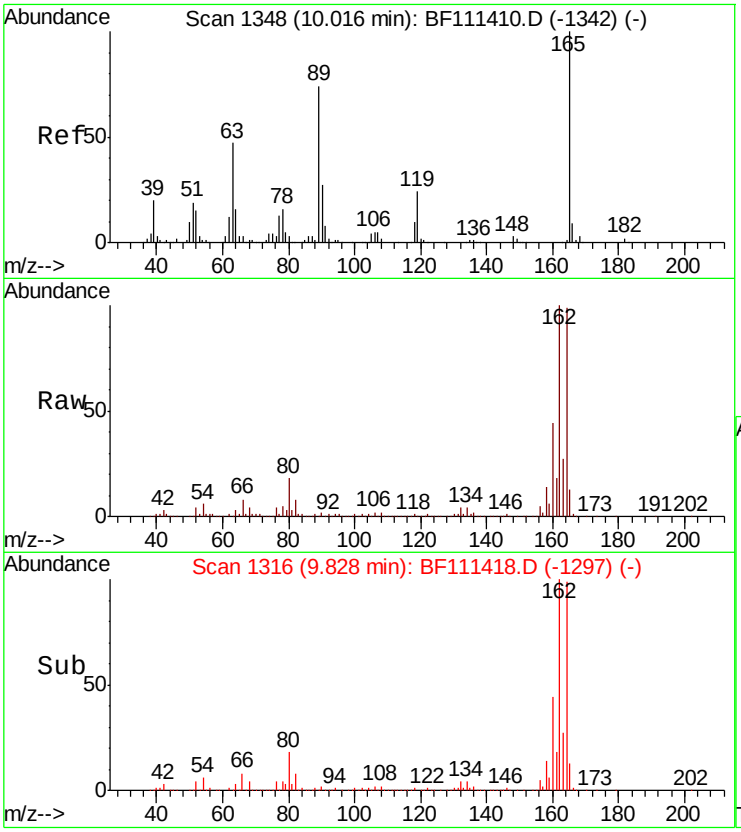


#50
Dimethylphthalate
Concen: 4.754 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Tgt Ion:163 Resp: 116277

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.8	8.9	13.3



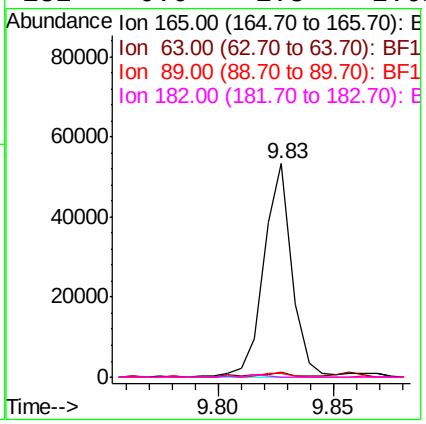


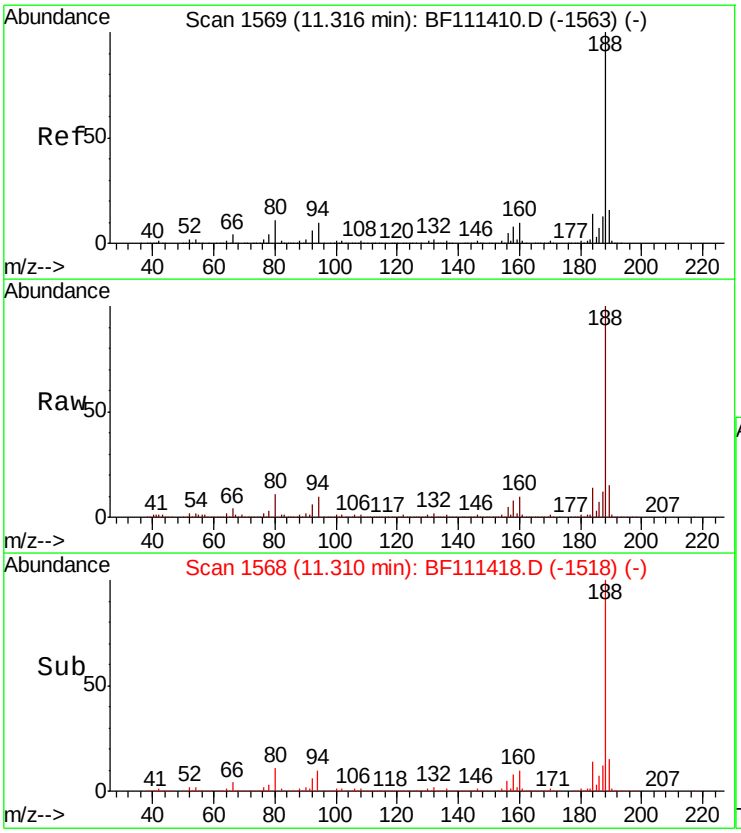
#57
2,4-Dinitrotoluene
Concen: 6.297 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 45500

Ion	Ratio	Lower	Upper
165	100		
63	2.5	34.6	52.0#
89	2.0	56.2	84.4#
182	0.0	1.8	2.6#

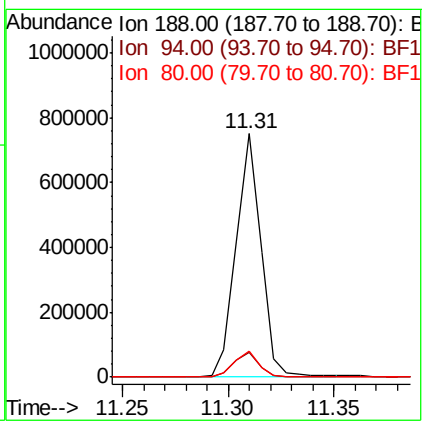


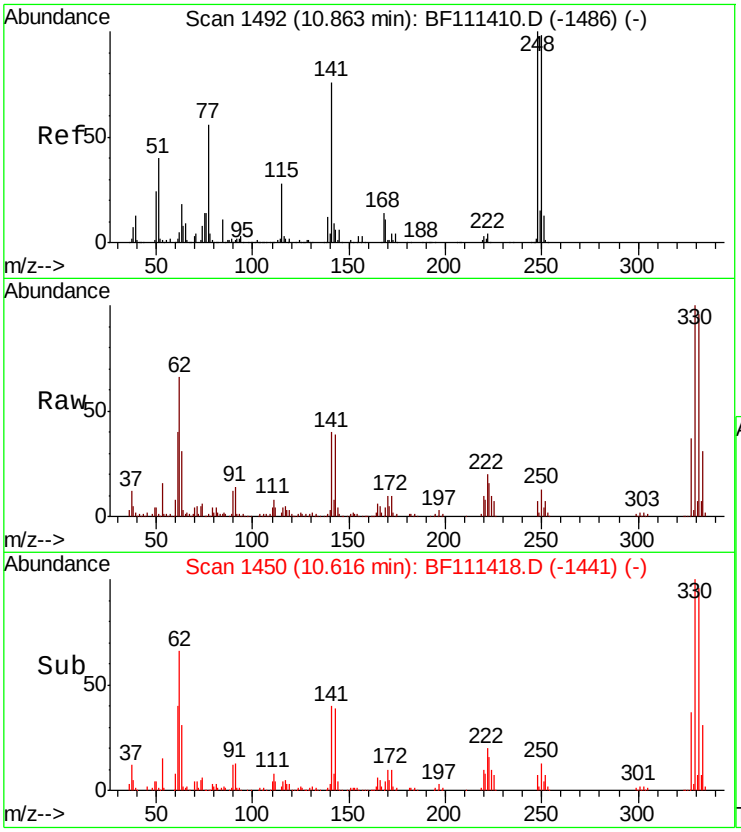


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Tgt Ion:188 Resp: 612066

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.6	14.4
80	10.7	9.8	14.6



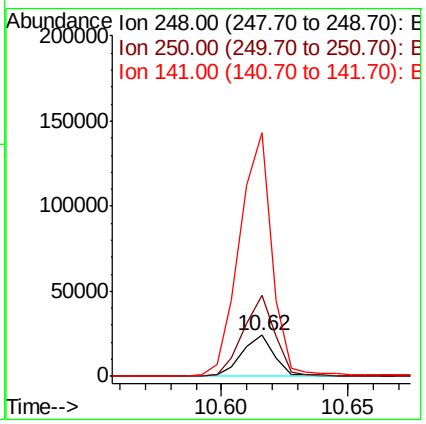


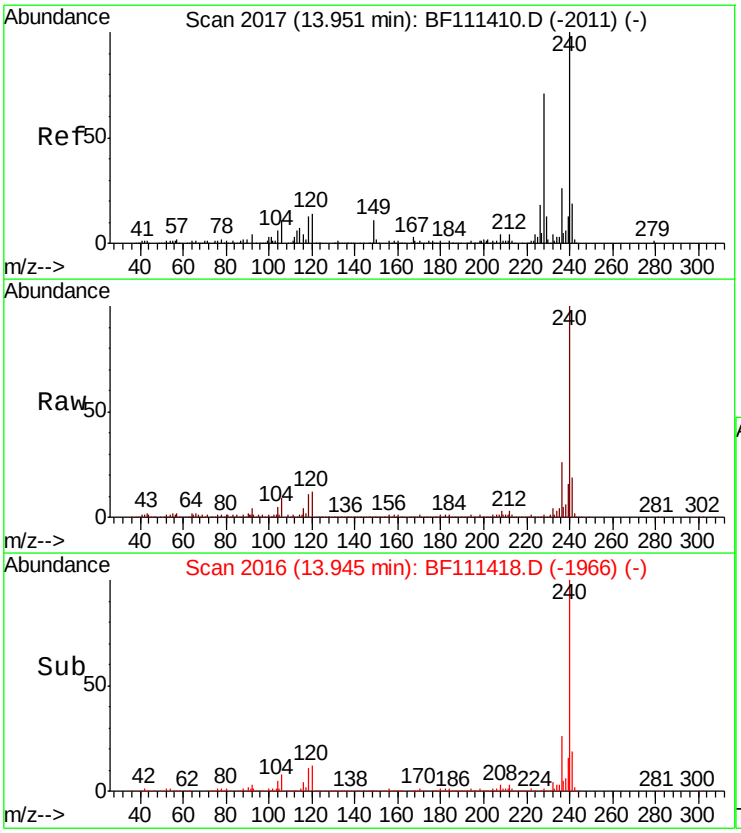
#67
4-Bromophenyl-phenylether
Concen: 3.285 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 21669

Ion	Ratio	Lower	Upper
248	100		
250	196.9	77.0	115.4#
141	589.0	63.0	94.6#

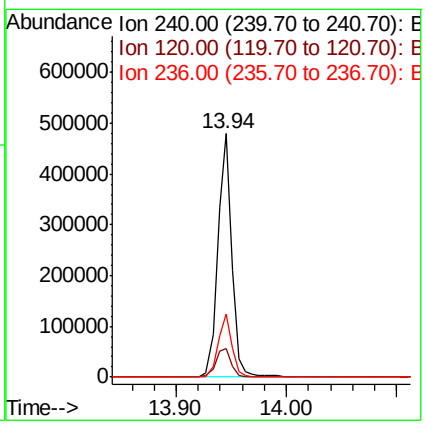


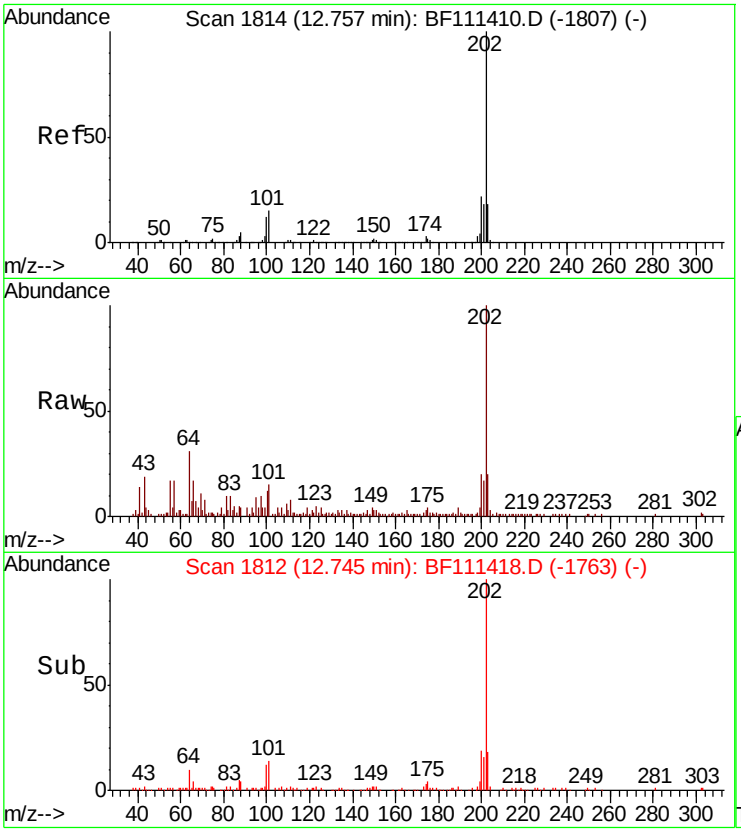


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Tgt Ion:240 Resp: 420723

Ion	Ratio	Lower	Upper
240	100		
120	11.9	12.2	18.2#
236	26.0	20.2	30.2



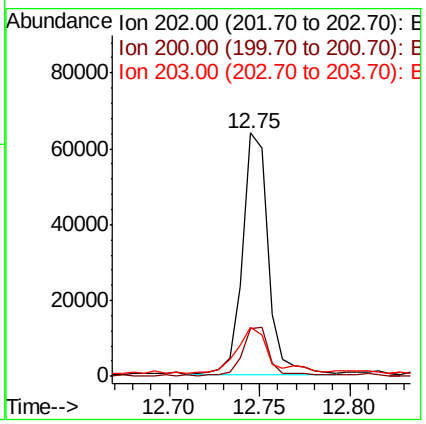


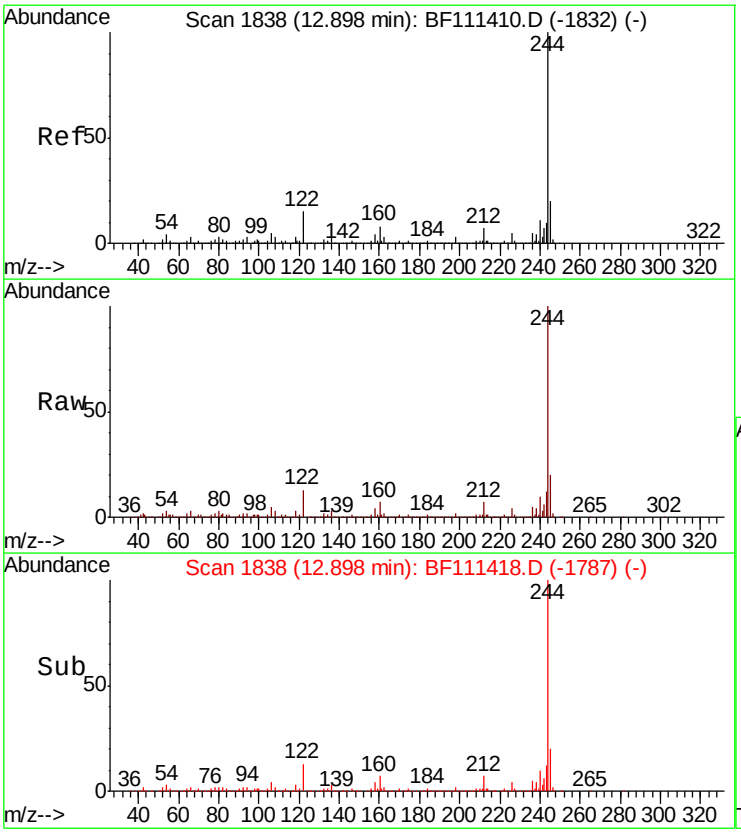
#78
Pyrene
Concen: 2.116 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 62780

Ion	Ratio	Lower	Upper
202	100		
200	19.7	19.0	28.4
203	20.1	15.2	22.8

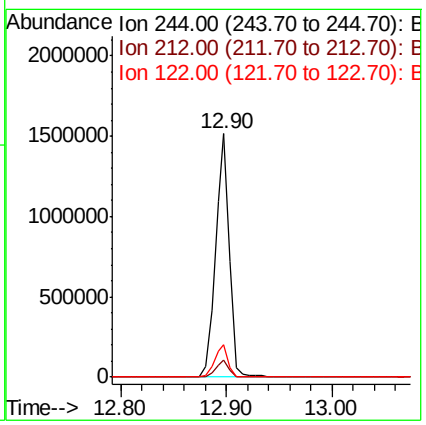


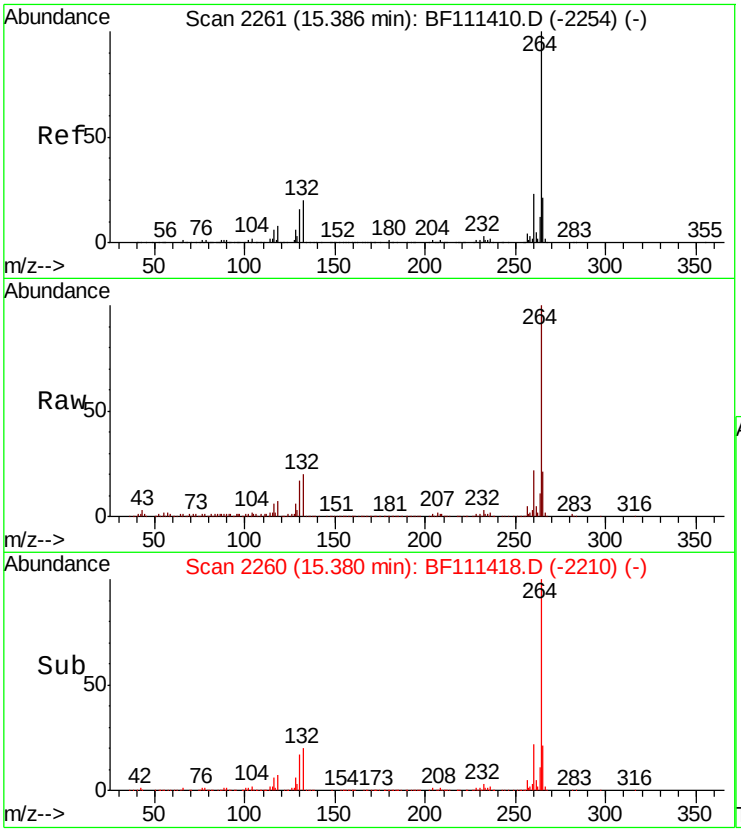


#79
Terphenyl-d14
Concen: 77.699 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Tgt Ion:244 Resp: 1392096

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	13.4	13.1	19.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111418.D
Acq: 14 Dec 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 346027

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.3	27.5
265	21.1	17.7	26.5