Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115061.D
Acq On : 15 Jun 2019 00:49
Operator : HP/JU
Sample : K3343-01RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 15 04:56:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	304986	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1150821	20.00	ng		0.00
39) Acenaphthene-d10	9.67	164	521282	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	877984	20.00	ng		-0.01
76) Chrysene-d12	13.77	240	482518	20.00	ng		0.00
87) Perylene-d12	15.15	264	512070	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1125	0.06	ng		0.02
7) Phenol-d6	6.29	99	31815	1.44	ng		0.00
23) Nitrobenzene-d5	7.21	82	1265437	66.19	ng		0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
45) 2-Fluorobiphenyl	9.00	172	2311846	75.16	ng		0.00
79) Terphenyl-d14	12.73	244	1838584	71.67	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.19	77	2257	Below Cal		#	66
15) Benzyl Alcohol	6.80	79	33018	2.000	ng	#	50
19) n-Nitroso-di-n-propylamine	7.21	70	166350	12.427	ng	#	77
25) Isophorone	7.46	82	174633	4.877	ng		97
50) Dimethylphthalate	9.40	163	267681	6.828	ng		97
57) 2,4-Dinitrotoluene	9.67	165	69914	6.177	ng	#	29
58) Fluorene	10.22	166	13630	Below Cal		#	91
71) Phenanthrene	11.17	178	220251	4.859	ng		96
75) Fluoranthene	12.35	202	205346	4.430	ng		97
78) Pyrene	12.57	202	159834	3.636	ng		97
81) Benzo(a)anthracene	13.76	228	74919	2.075	ng		99
83) Chrysene	13.80	228	80746	2.249	ng		96
84) Bis(2-ethylhexyl)phthalate	13.77	149	202938	8.363	ng		100
88) Benzo(b)fluoranthene	14.77	252	123199	3.619	ng	#	70
89) Benzo(k)fluoranthene	14.77	252	123199	4.123	ng	#	70

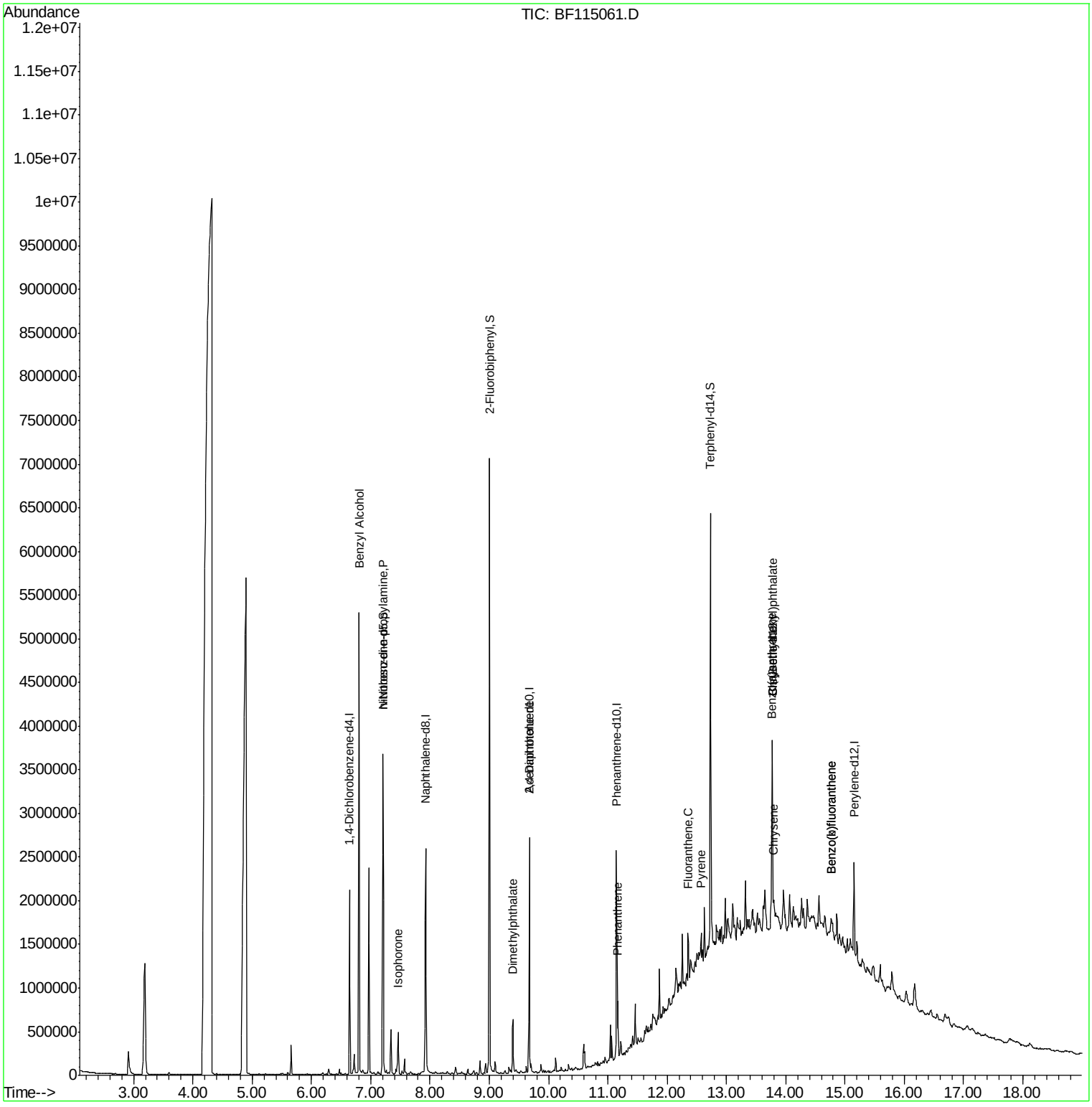
(#) = qualifier out of range (m) = manual integration (+) = signals summed

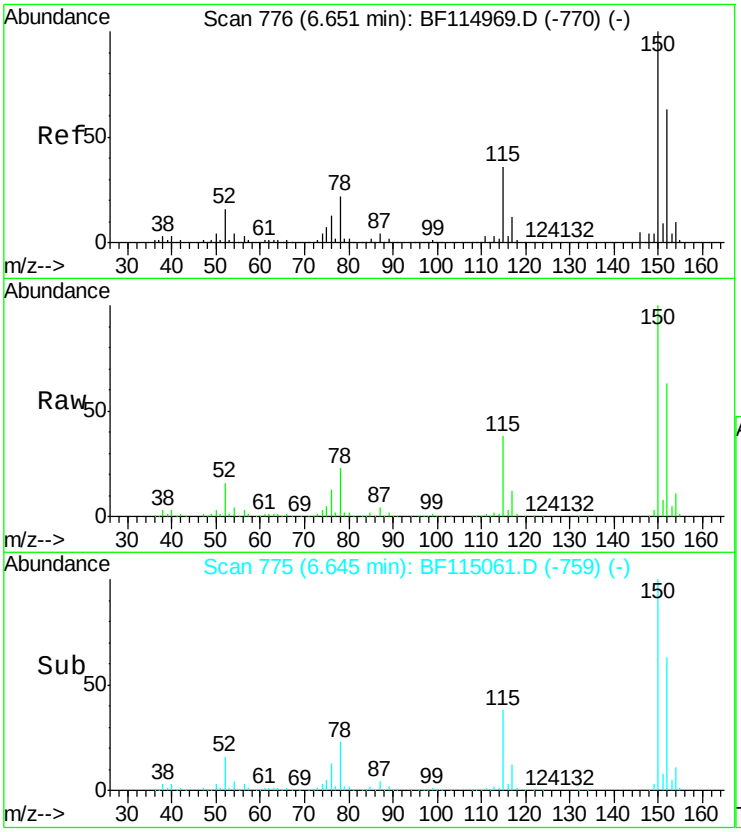
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115061.D
Acq On : 15 Jun 2019 00:49
Operator : HP/JU
Sample : K3343-01RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 15 04:56:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration



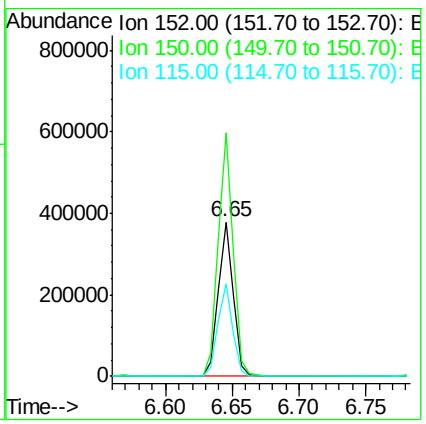


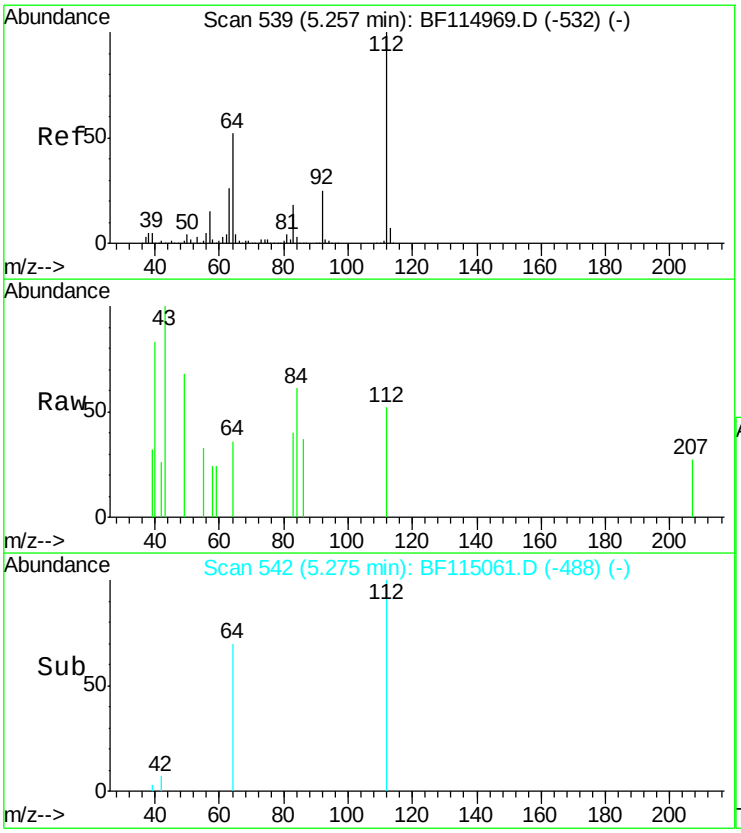
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 304986

Ion	Ratio	Lower	Upper
152	100		
150	157.8	127.4	191.0
115	59.9	46.0	69.0

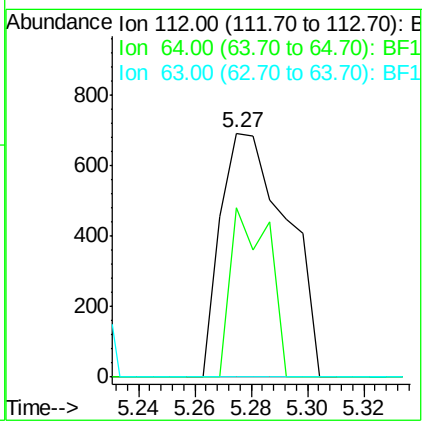


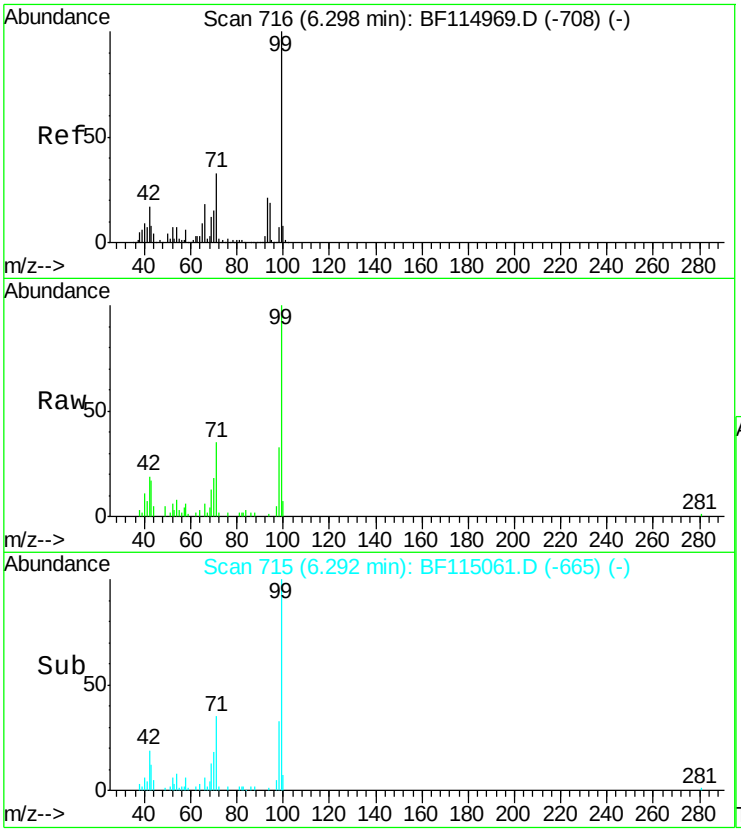


#5
2-Fluorophenol
Concen: 0.062 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.02 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Tgt Ion:112 Resp: 1125

Ion	Ratio	Lower	Upper
112	100		
64	69.8	41.6	62.4#
63	0.0	20.9	31.3#



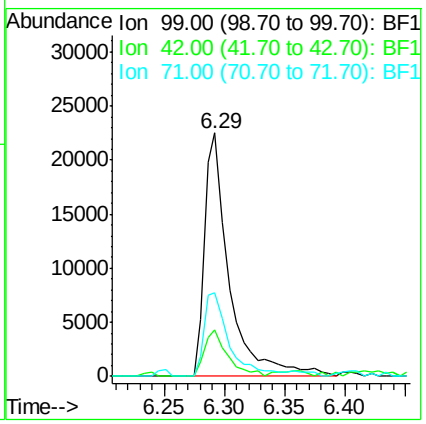


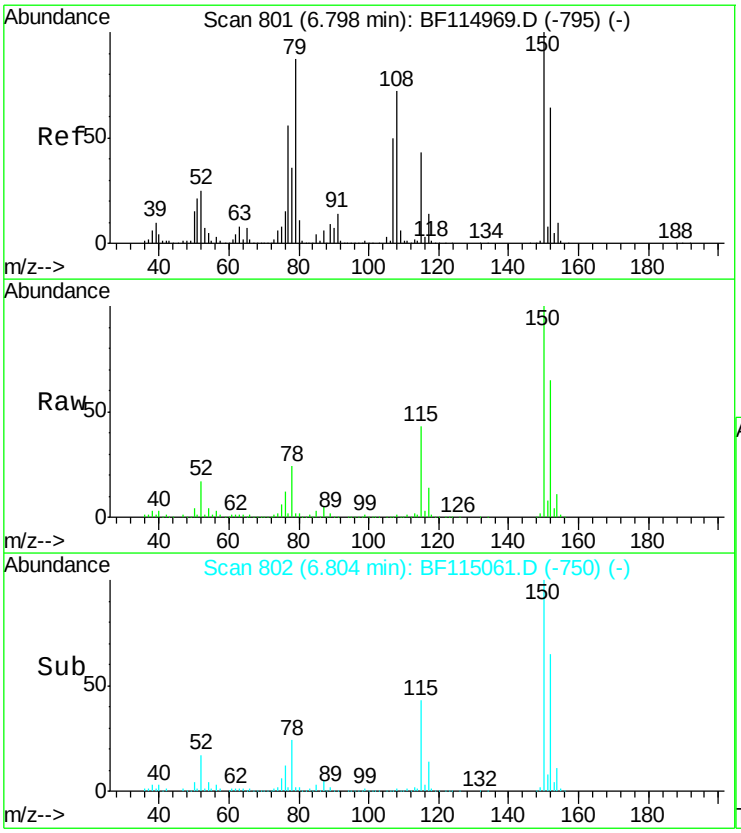
#7
Phenol-d6
Concen: 1.444 ng
RT: 6.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 31815

Ion	Ratio	Lower	Upper
99	100		
42	19.1	13.4	20.2
71	34.5	26.4	39.6

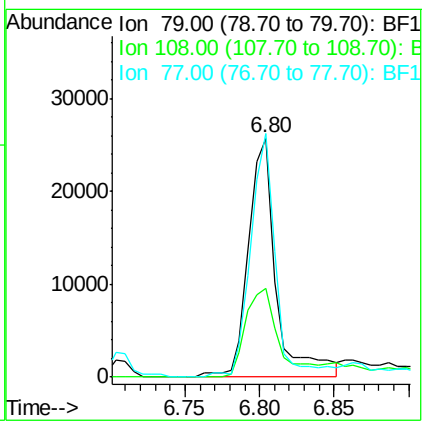


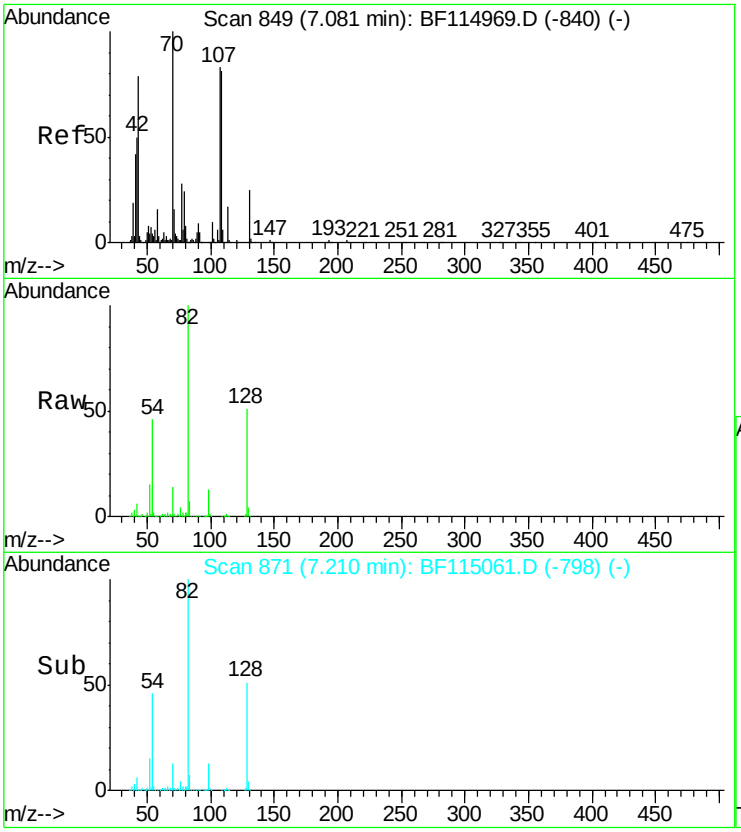


#15
Benzyl Alcohol
Concen: 2.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Tgt Ion: 79 Resp: 33018

Ion	Ratio	Lower	Upper
79	100		
108	37.3	66.0	99.0#
77	102.0	51.1	76.7#



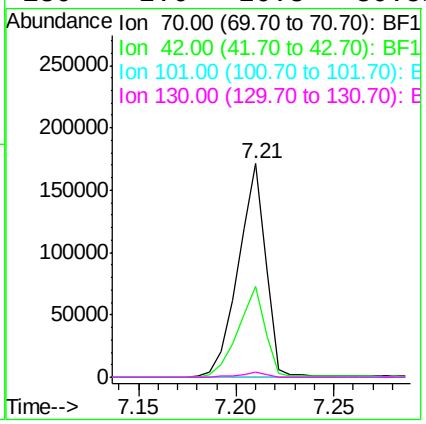


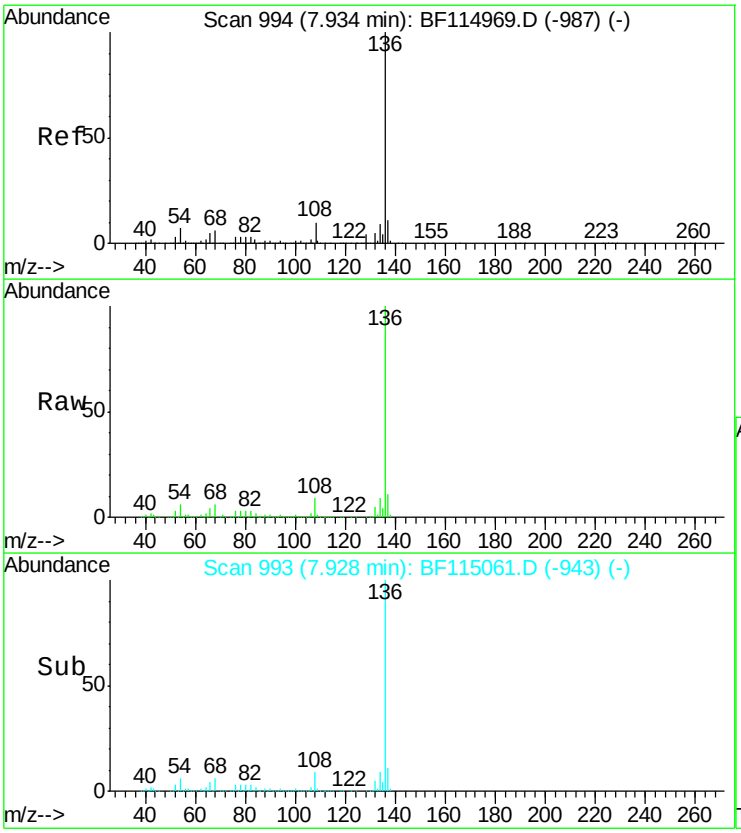
#19
n-Nitroso-di-n-propylamine
Concen: 12.427 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.13 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 166350

Ion	Ratio	Lower	Upper
70	100		
42	42.5	40.3	60.5
101	0.0	8.2	12.4#
130	2.6	20.3	30.5#

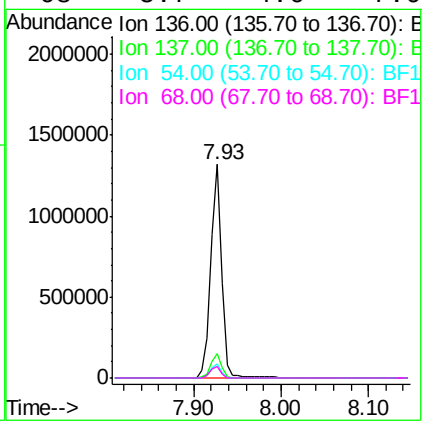


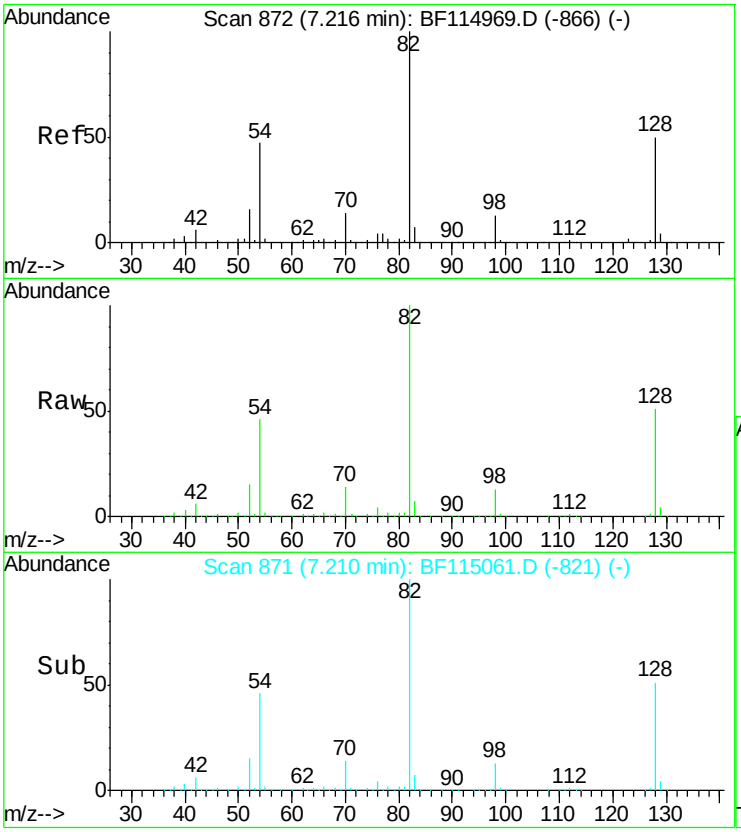


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Tgt Ion:136 Resp: 1150821

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.4	5.4	8.0
68	5.7	4.6	7.0



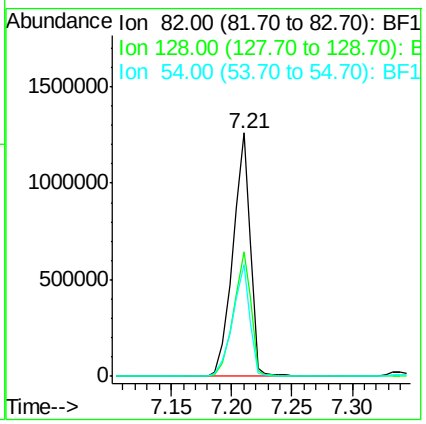


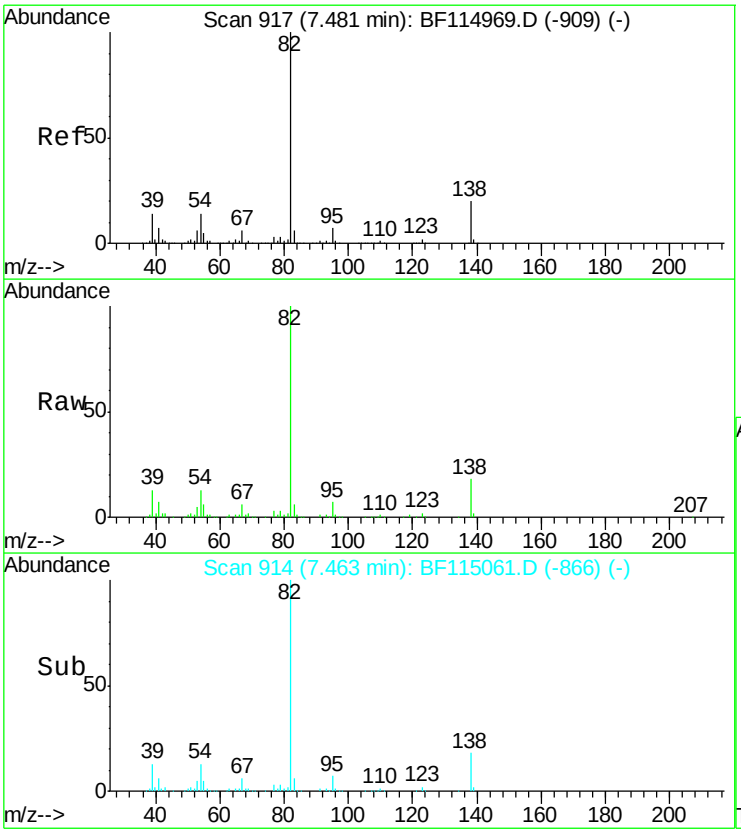
#23
Nitrobenzene-d5
Concen: 66.187 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1265437

Ion	Ratio	Lower	Upper
82	100		
128	50.9	39.9	59.9
54	46.0	37.3	55.9

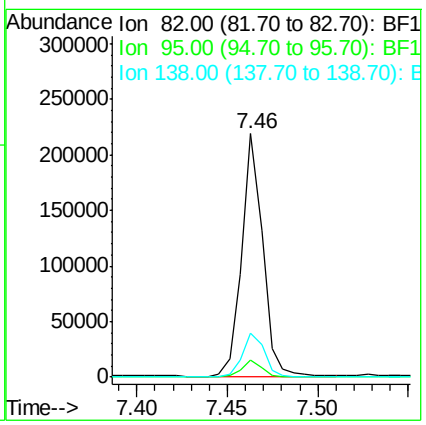


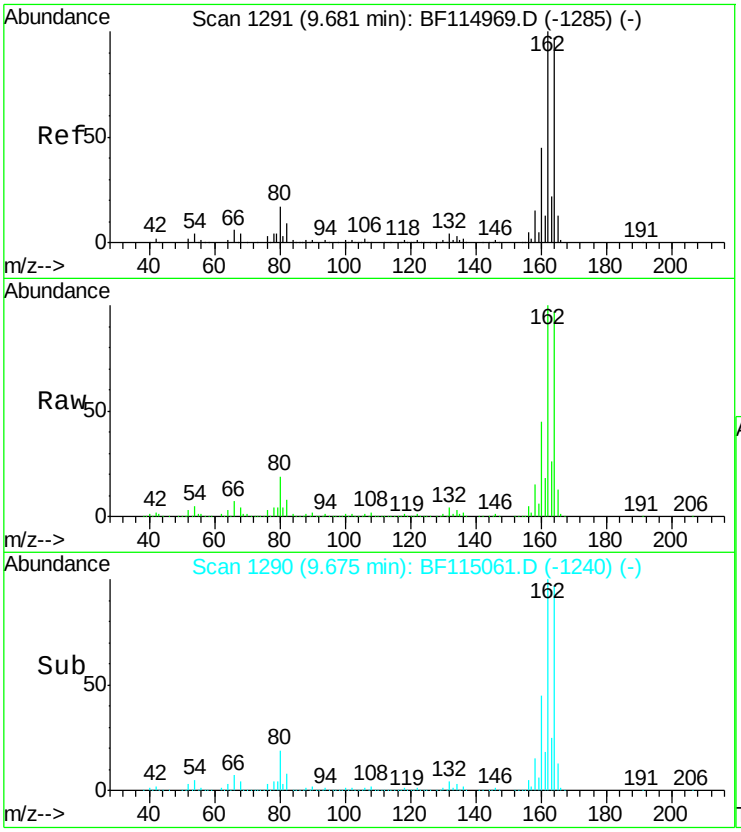


#25
Isophorone
Concen: 4.877 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Tgt Ion: 82 Resp: 174633

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	18.2	16.1	24.1



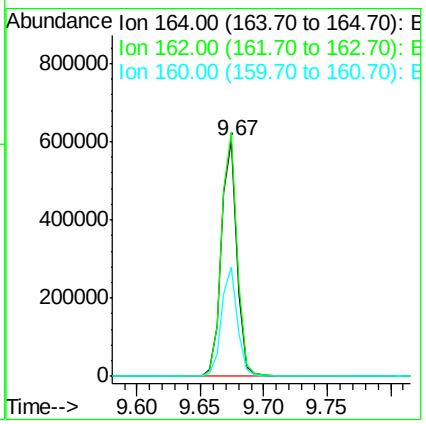


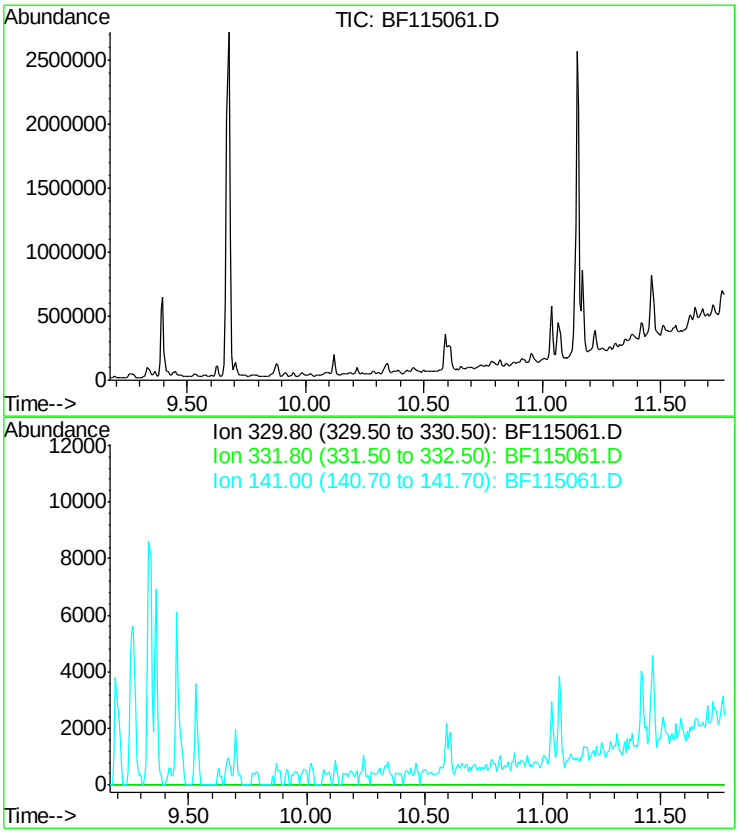
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 521282

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	124.0
160	46.4	36.9	55.3



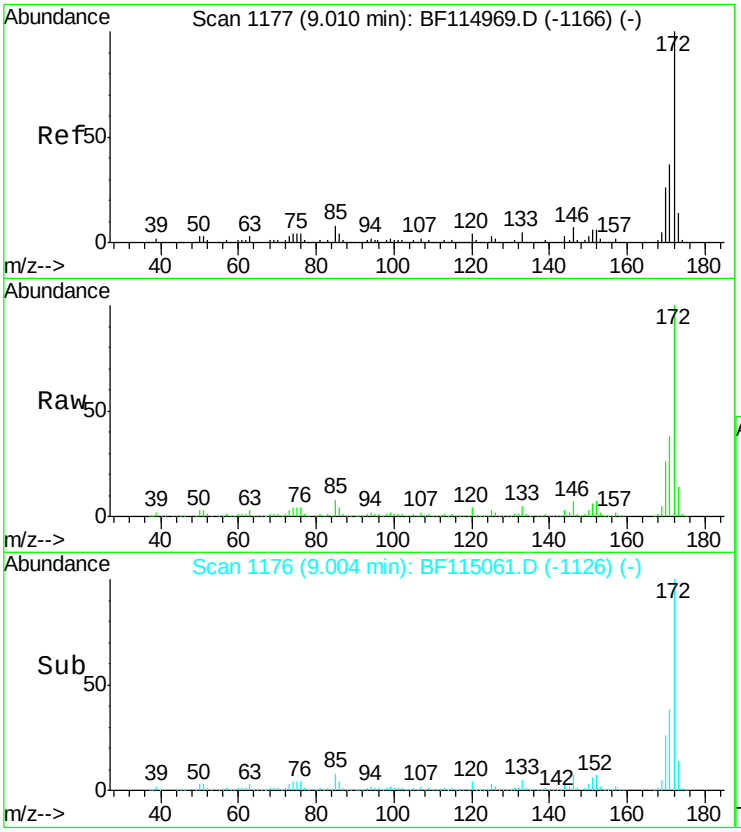


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.47 min

Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.0
141	34.0

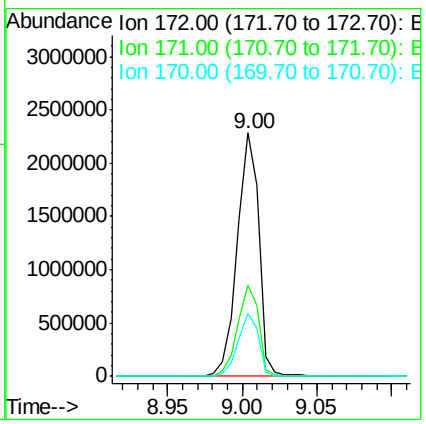


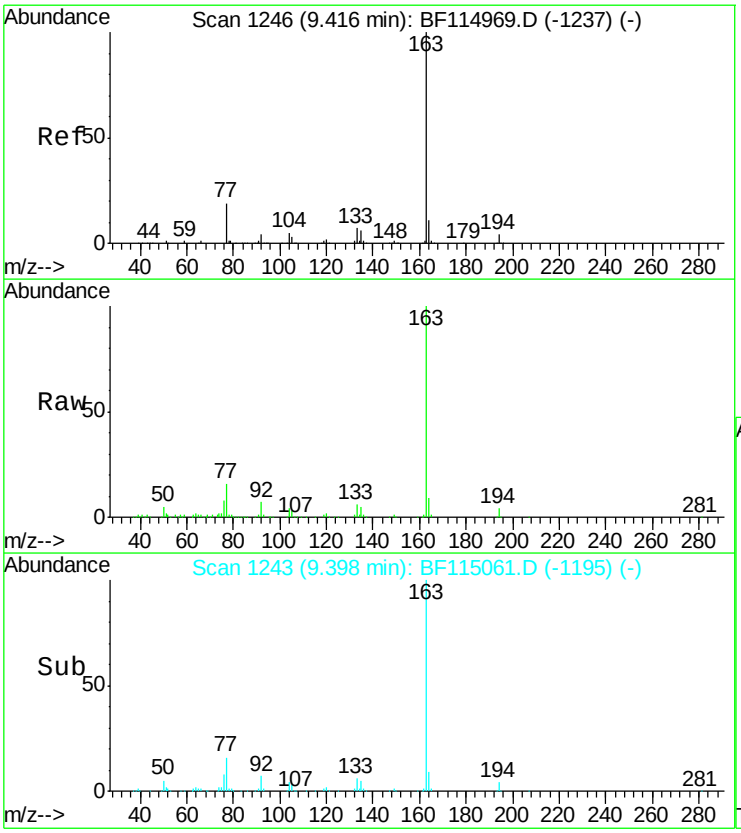
#45
2-Fluorobiphenyl
Concen: 75.165 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2311846

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.8	44.6
170	25.7	20.6	31.0

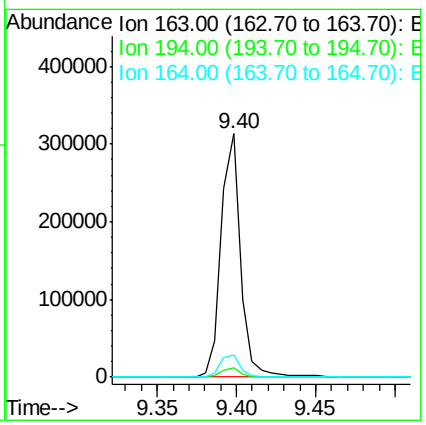


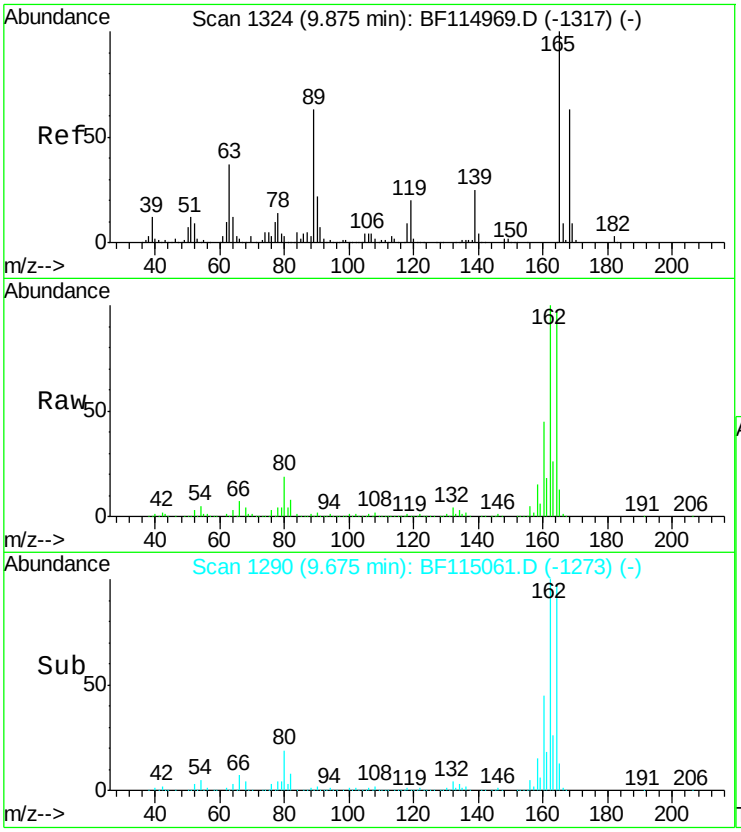


#50
Dimethylphthalate
Concen: 6.828 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Tgt Ion:163 Resp: 267681

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.2	8.6	12.8



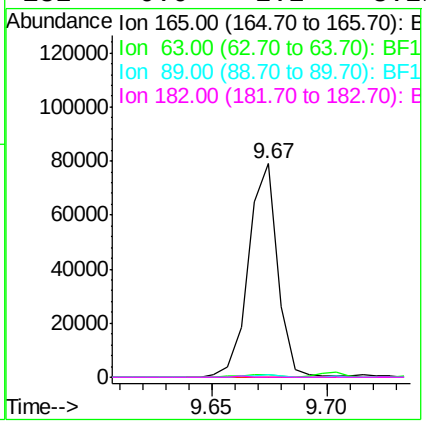


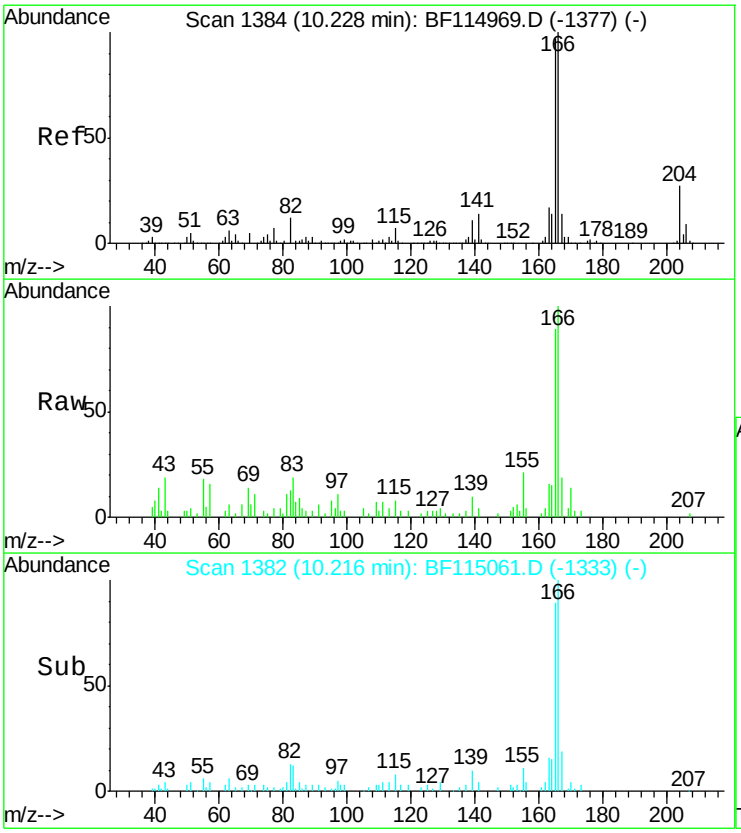
#57
2,4-Dinitrotoluene
Concen: 6.177 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.20 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 69914

Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.4	44.2#
89	1.4	50.6	75.8#
182	0.0	2.2	3.2#

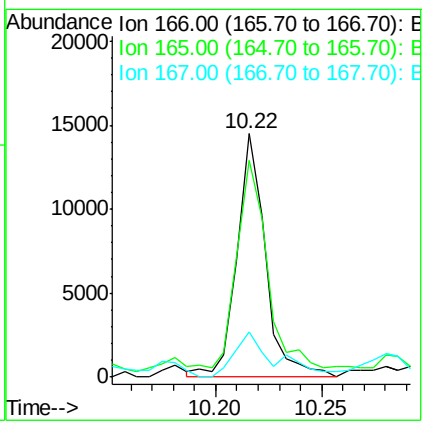


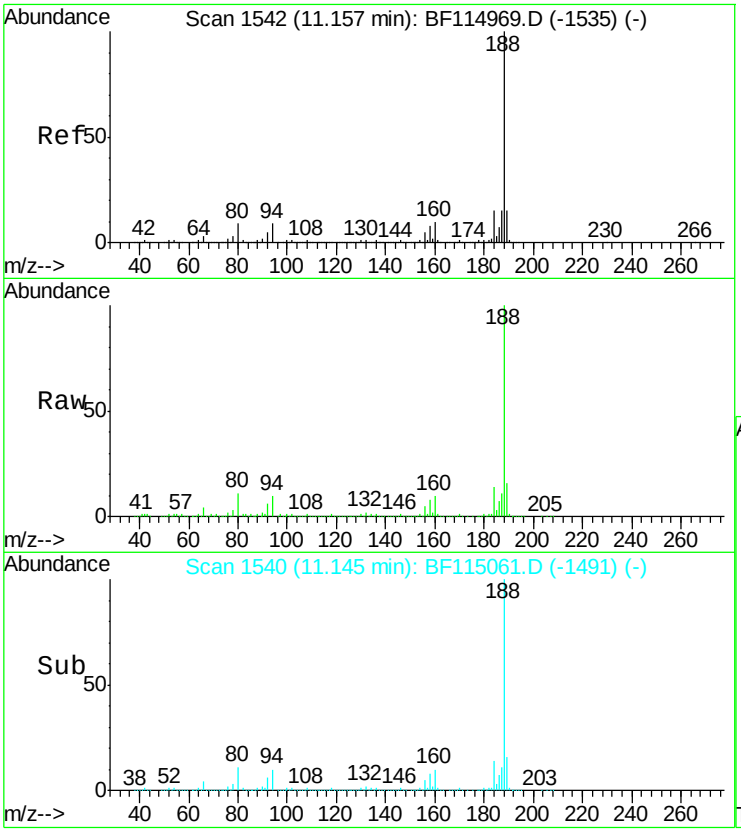


#58
Fluorene
Concen: Below Cal
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Tgt Ion:166 Resp: 13630

Ion	Ratio	Lower	Upper
166	100		
165	88.9	77.6	116.4
167	18.6	11.0	16.4#



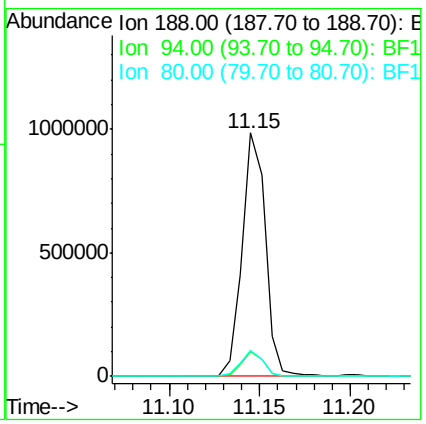


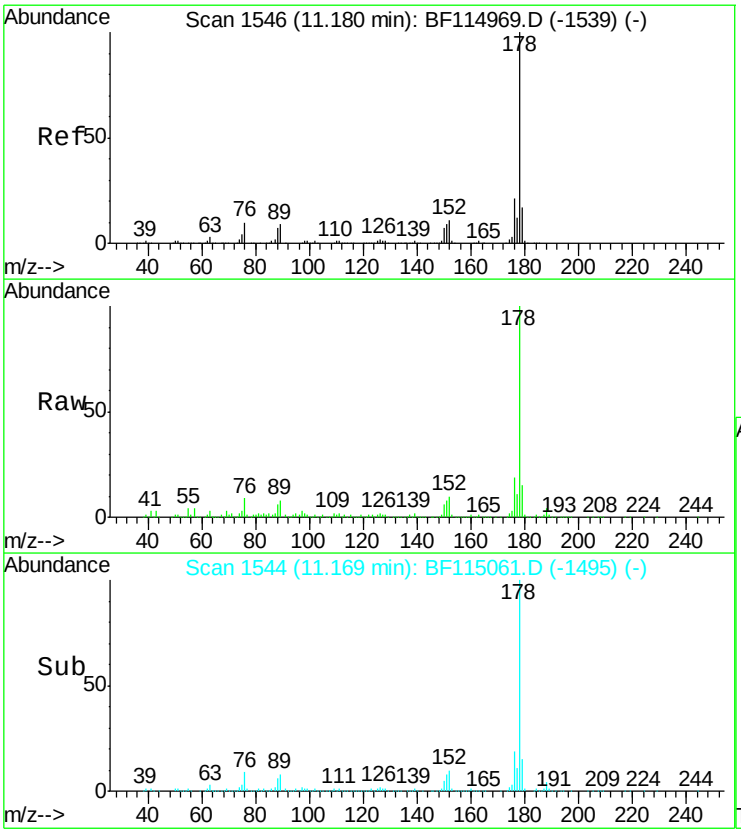
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 877984

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.2	10.8
80	10.9	7.4	11.2

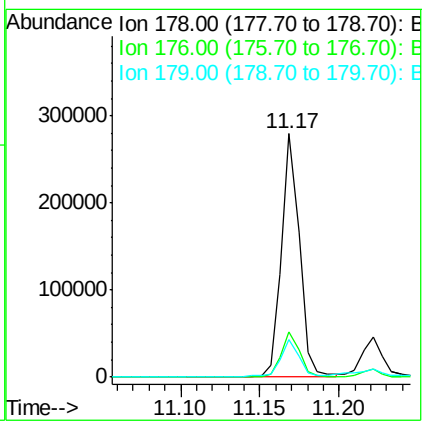


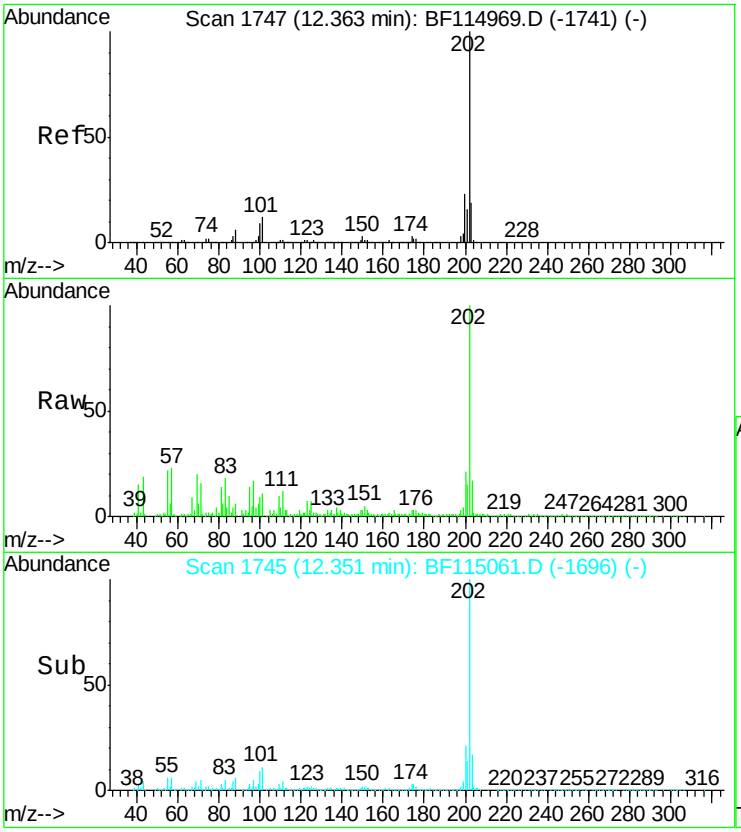


#71
Phenanthrene
Concen: 4.859 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Tgt Ion:178 Resp: 220251

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.9	25.3
179	15.3	13.4	20.0



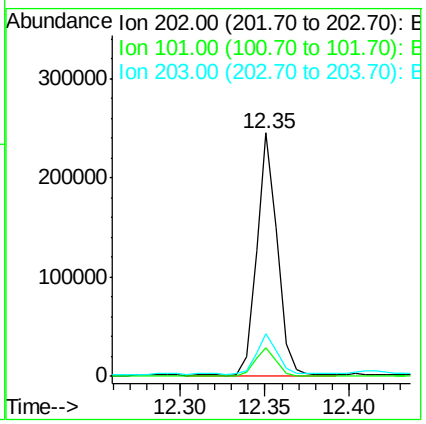


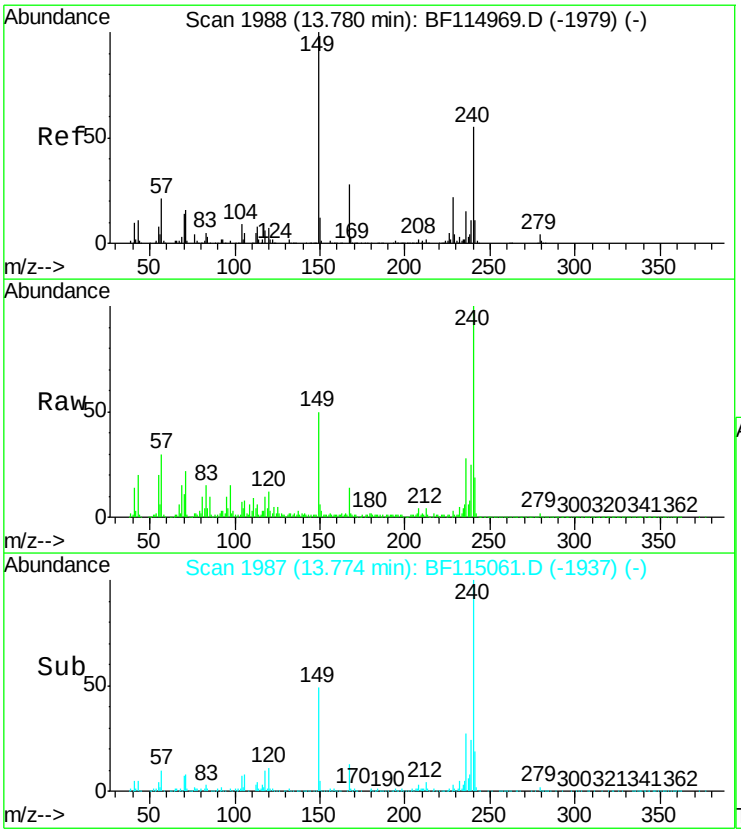
#75
Fluoranthene
Concen: 4.430 ng
RT: 12.35 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 205346

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.4
203	17.4	0.0	38.6

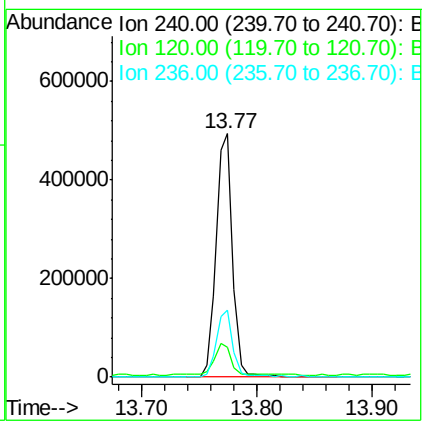


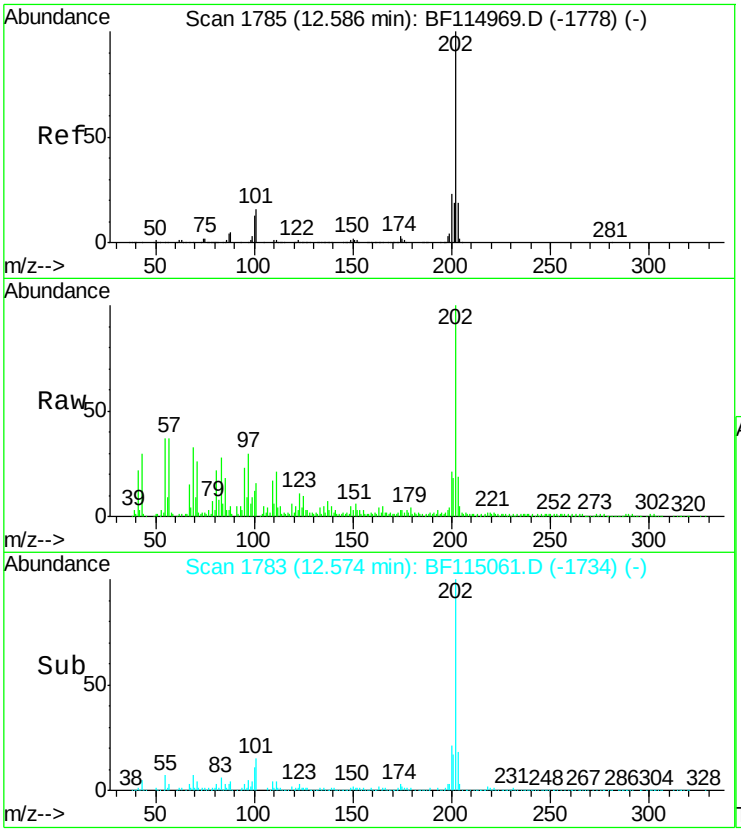


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Tgt Ion:240 Resp: 482518

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.0	15.0
236	27.5	21.6	32.4



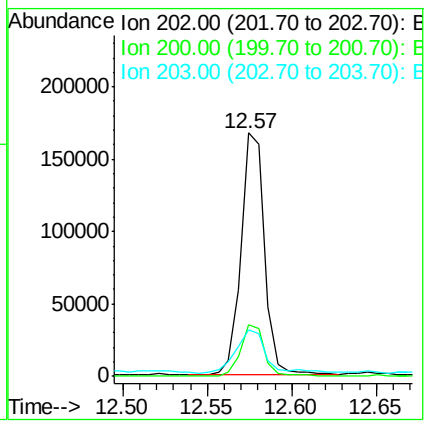


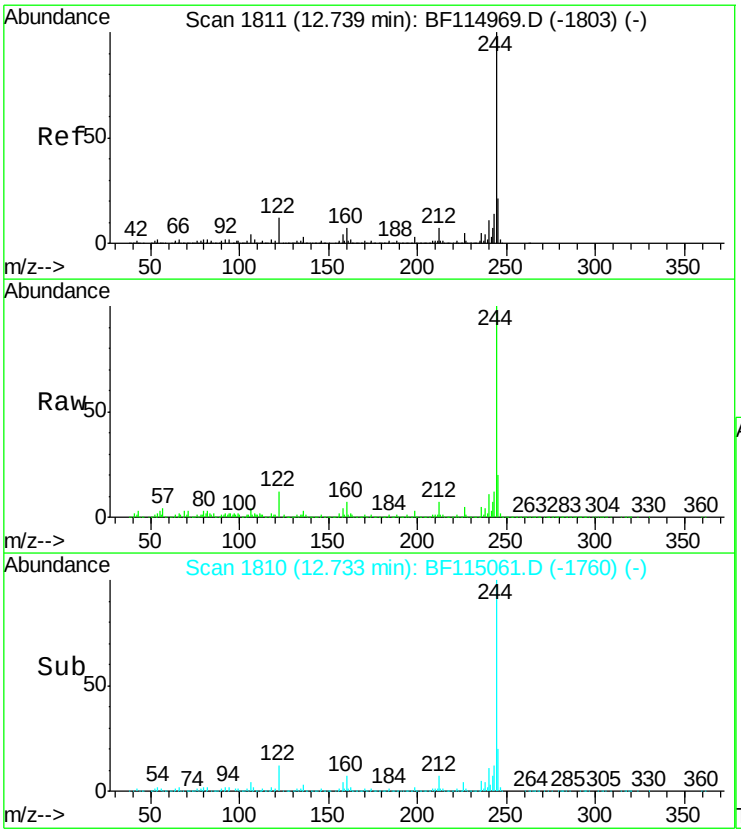
#78
Pyrene
Concen: 3.636 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 159834

Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.4	27.6
203	19.3	14.9	22.3

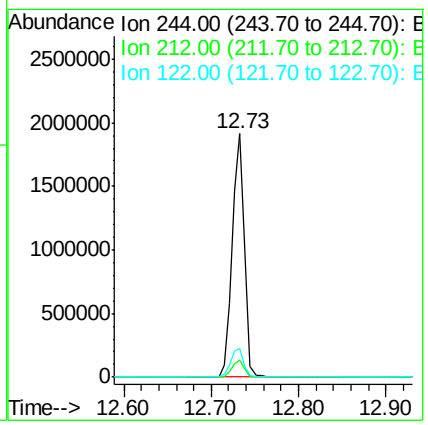


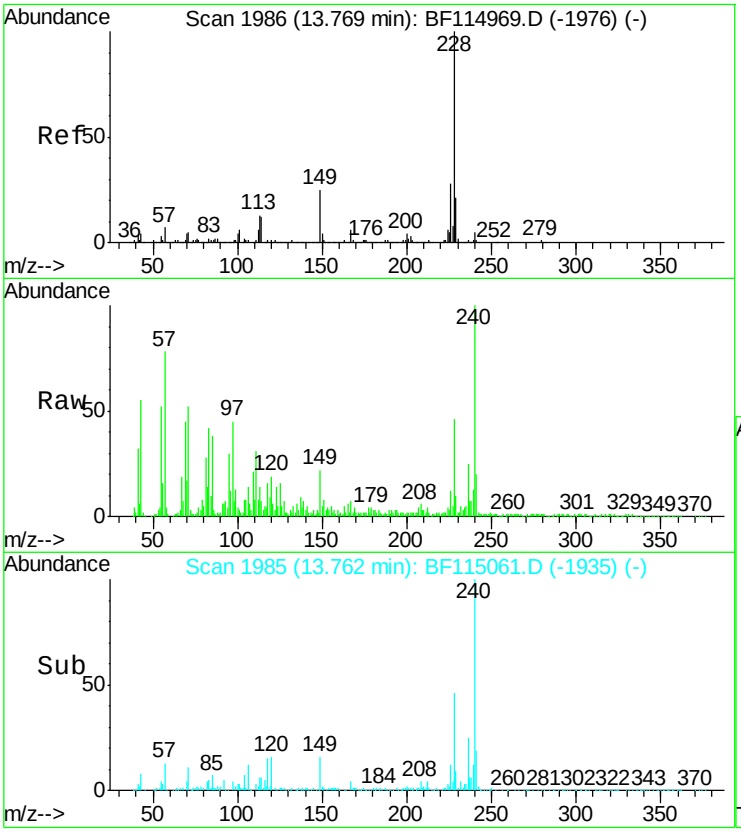


#79
Terphenyl-d14
Concen: 71.669 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Tgt Ion:244 Resp: 1838584

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.9	9.4	14.0



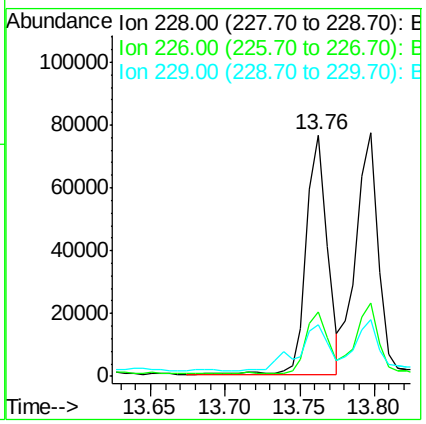


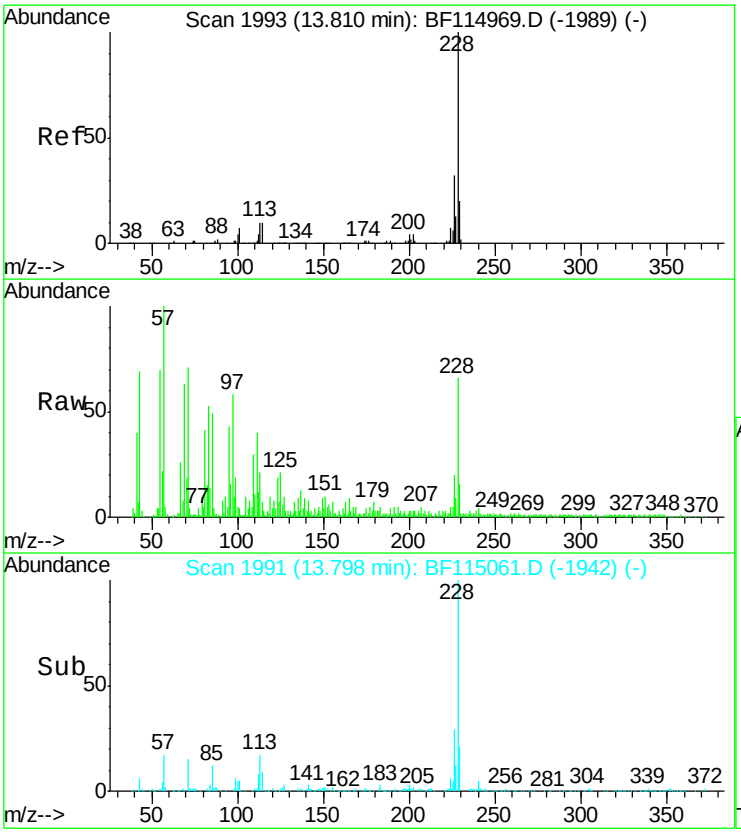
#81
Benzo(a)anthracene
Concen: 2.075 ng
RT: 13.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 74919

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.0	33.0
229	21.3	16.6	25.0

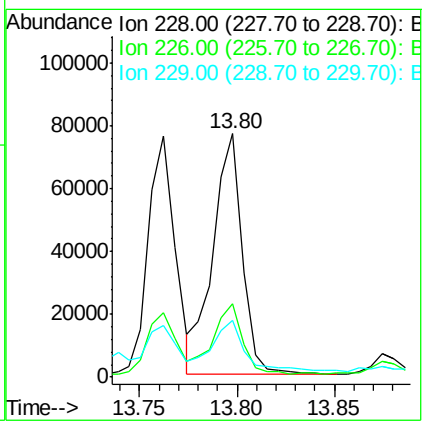


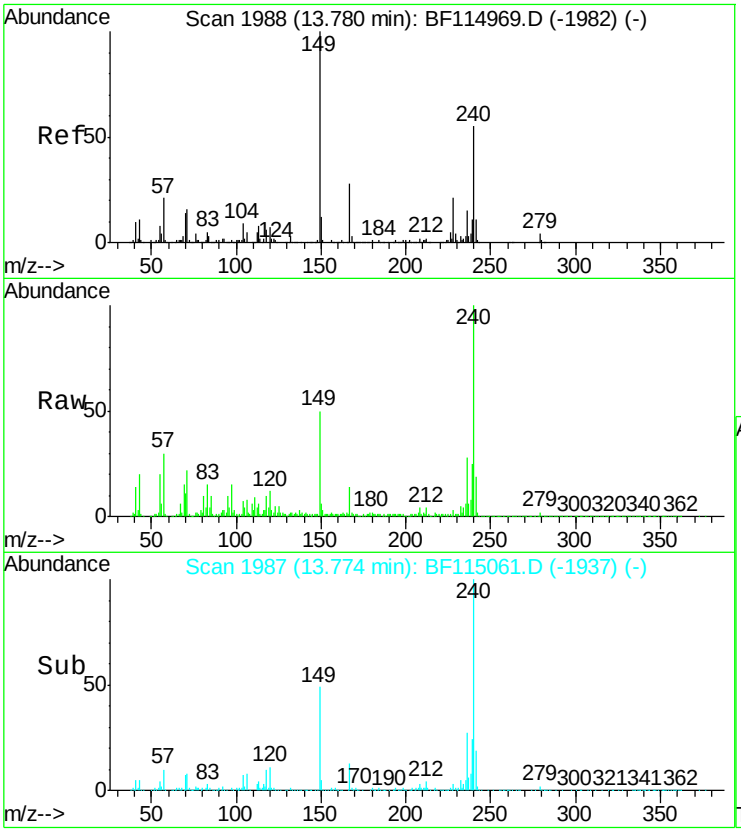


#83
Chrysene
Concen: 2.249 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Tgt Ion:228 Resp: 80746

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.0
229	23.4	16.4	24.6



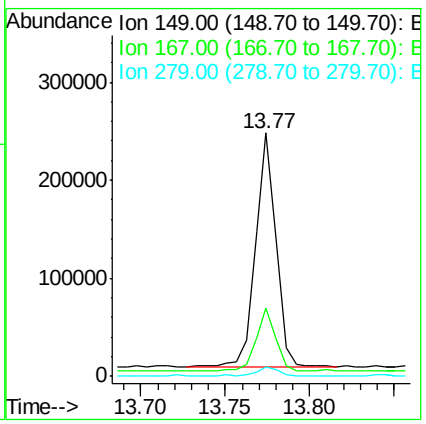


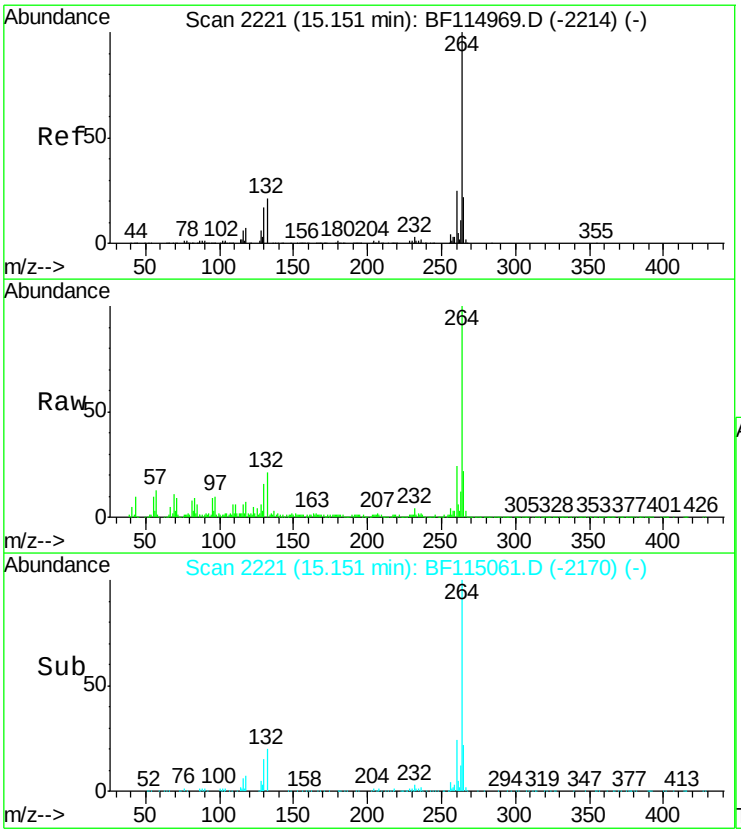
#84
Bis(2-ethylhexyl)phthalate
Concen: 8.363 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 202938

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.4
279	3.8	3.4	5.0

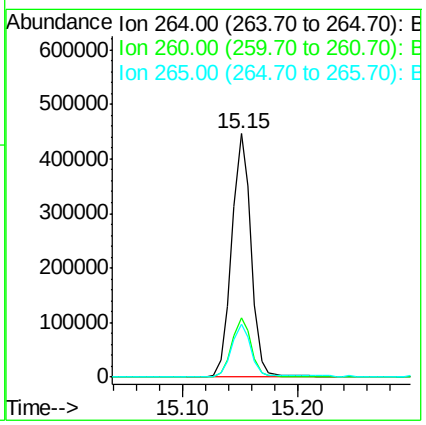


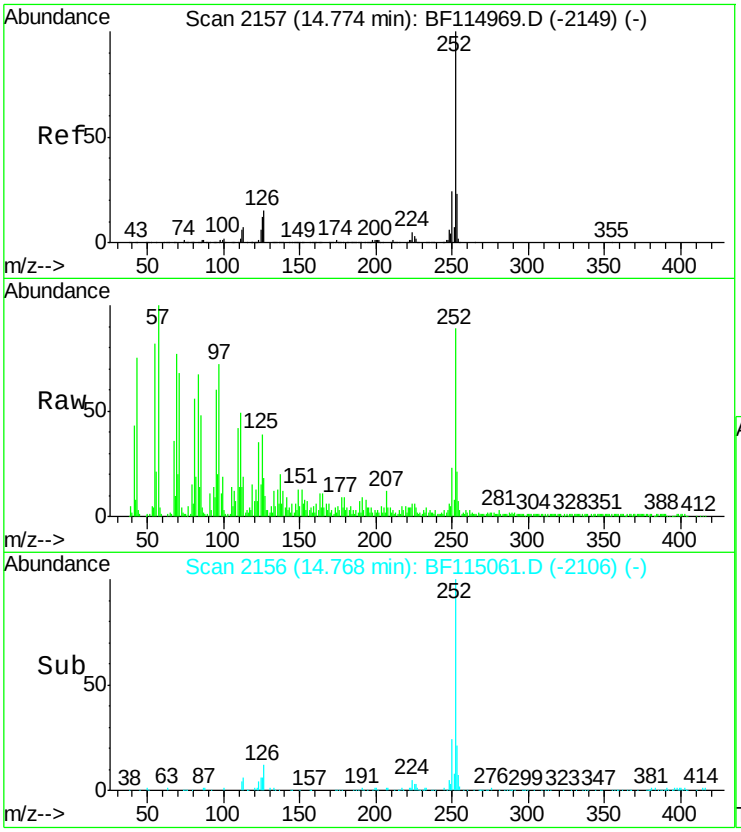


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Tgt Ion:264 Resp: 512070

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.9	17.6	26.4



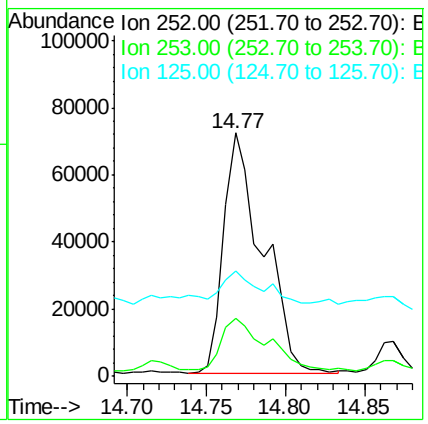


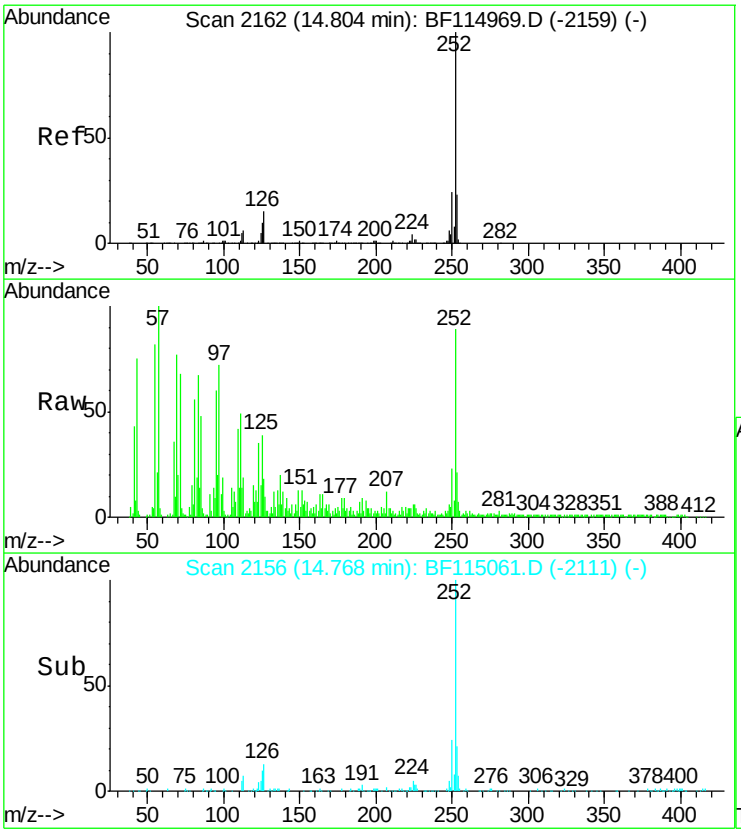
#88
Benzo(b)fluoranthene
Concen: 3.619 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 123199

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	43.5	9.4	14.0#





#89
Benzo(k)fluoranthene
Concen: 4.123 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.04 min
Lab File: BF115061.D
Acq: 15 Jun 2019 00:49

Tgt Ion:252 Resp: 123199

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	43.5	8.2	12.4#