Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115060.D
Acq On : 15 Jun 2019 00:22
Operator : HP/JU
Sample : K3344-01RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 15 04:56:23 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	277209	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1063926	20.00	ng		0.00
39) Acenaphthene-d10	9.67	164	488637	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	817161	20.00	ng		-0.01
76) Chrysene-d12	13.77	240	483908	20.00	ng		-0.01
87) Perylene-d12	15.15	264	528419	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	298	0.02	ng		0.02
7) Phenol-d6	6.30	99	10204	0.51	ng		0.00
23) Nitrobenzene-d5	7.21	82	1038046	58.73	ng		0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
45) 2-Fluorobiphenyl	9.00	172	1944775	67.45	ng		0.00
79) Terphenyl-d14	12.73	244	1534344	59.64	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.19	77	2360	Below Cal		#	37
19) n-Nitroso-di-n-propylamine	7.21	70	135804	11.161	ng	#	76
25) Isophorone	7.46	82	231352	6.988	ng		98
50) Dimethylphthalate	9.40	163	174918	4.760	ng		99
57) 2,4-Dinitrotoluene	9.67	165	64960	6.123	ng	#	30
58) Fluorene	10.22	166	11936	Below Cal		#	96
71) Phenanthrene	11.17	178	206696	4.899	ng		97
75) Fluoranthene	12.35	202	188956	4.380	ng		99
78) Pyrene	12.57	202	148149	3.361	ng		97
84) Bis(2-ethylhexyl)phthalate	13.77	149	243168	9.992	ng		99
88) Benzo(b)fluoranthene	14.77	252	98552	2.806	ng	#	64
89) Benzo(k)fluoranthene	14.77	252	98552	3.196	ng	#	64

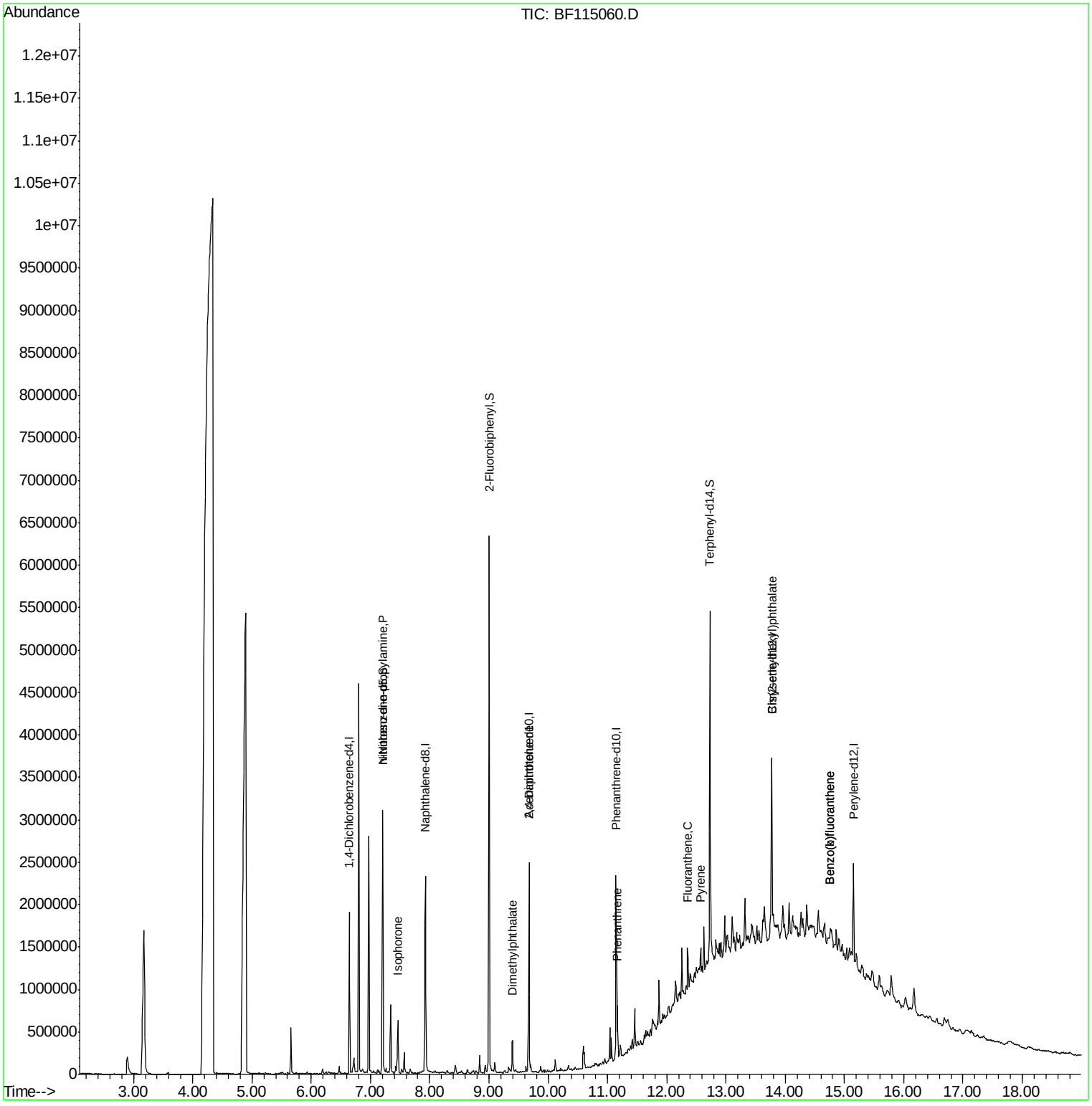
(#) = qualifier out of range (m) = manual integration (+) = signals summed

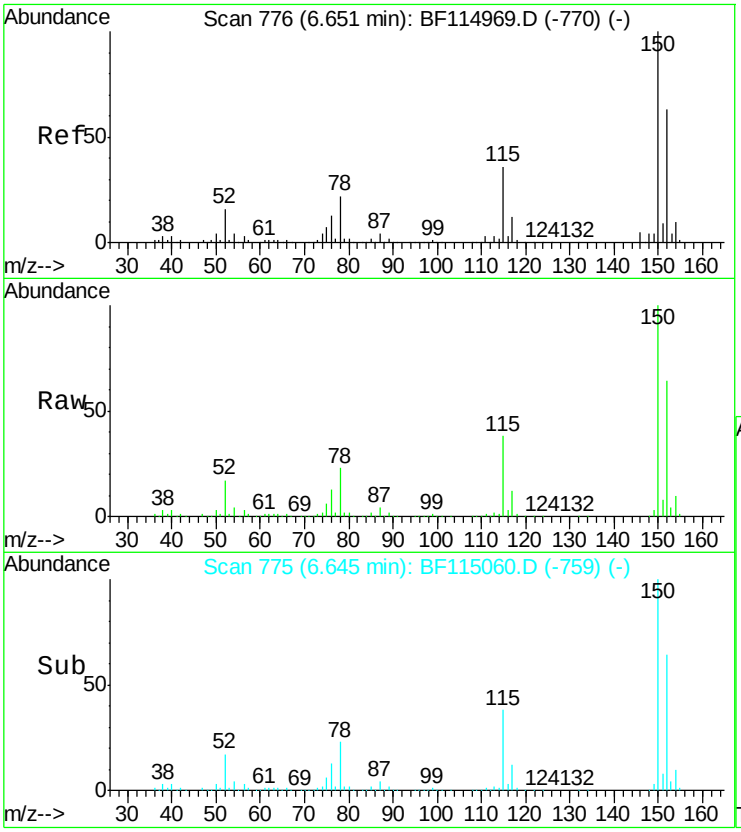
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115060.D
Acq On : 15 Jun 2019 00:22
Operator : HP/JU
Sample : K3344-01RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 15 04:56:23 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



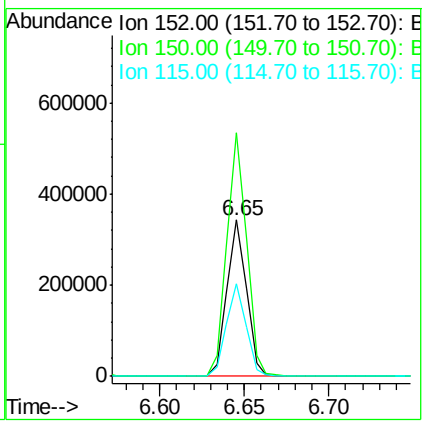


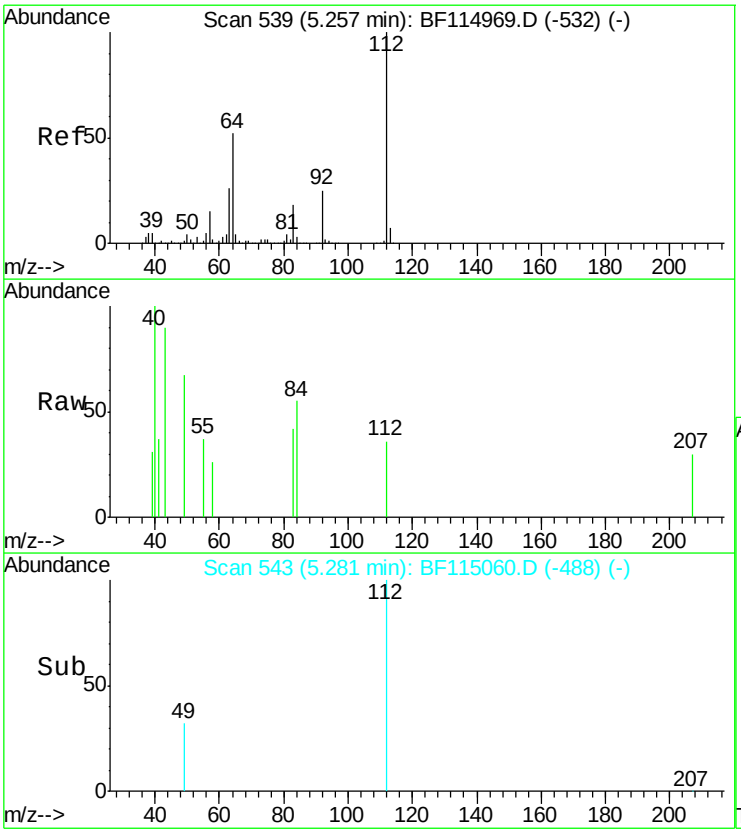
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 277209

Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.4	191.0
115	59.0	46.0	69.0

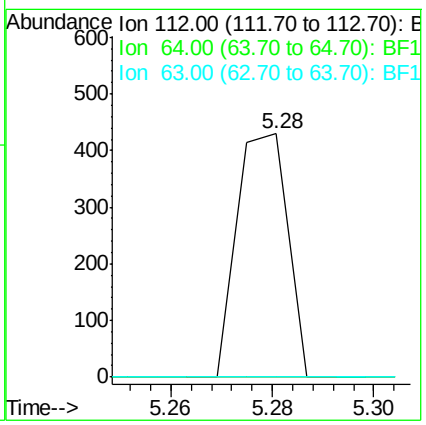


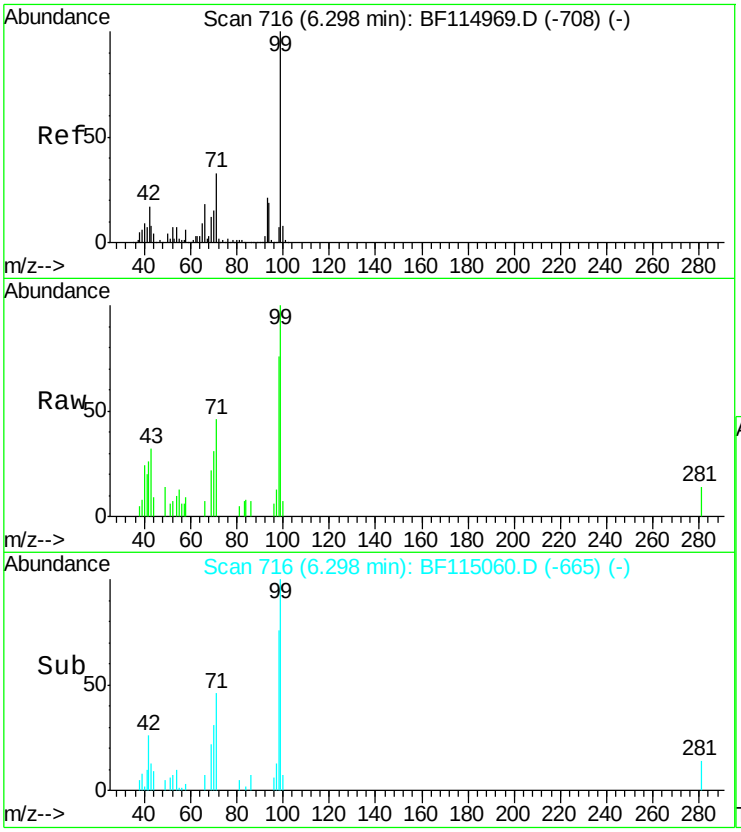


#5
2-Fluorophenol
Concen: 0.018 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Tgt Ion:112 Resp: 298

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



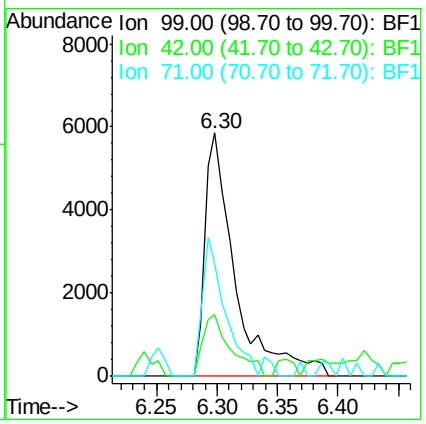


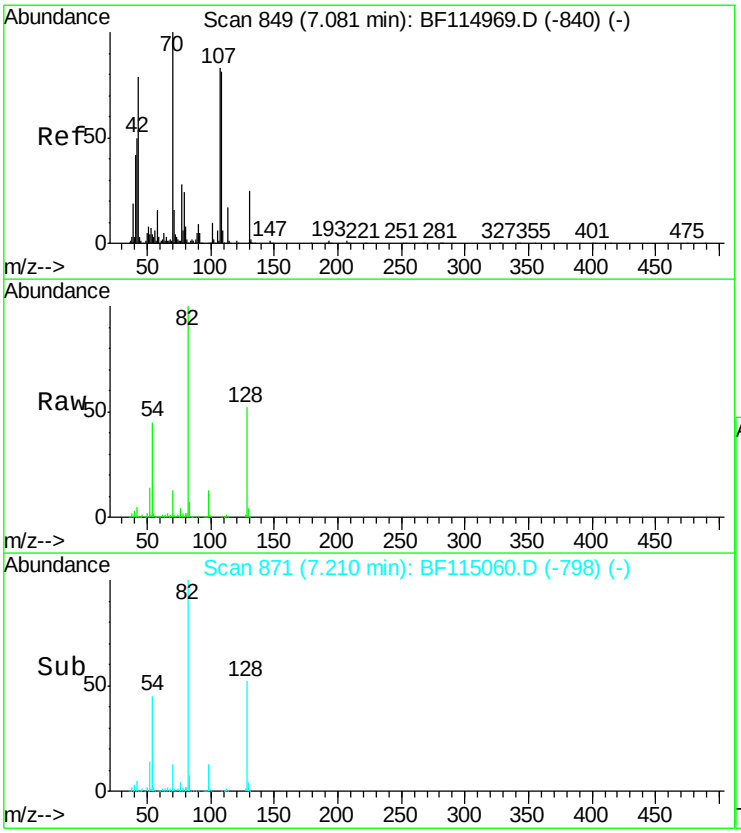
#7
Phenol-d6
Concen: 0.510 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 10204

Ion	Ratio	Lower	Upper
99	100		
42	25.5	13.4	20.2#
71	46.5	26.4	39.6#

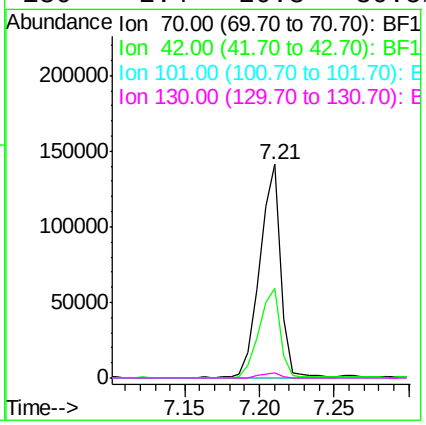


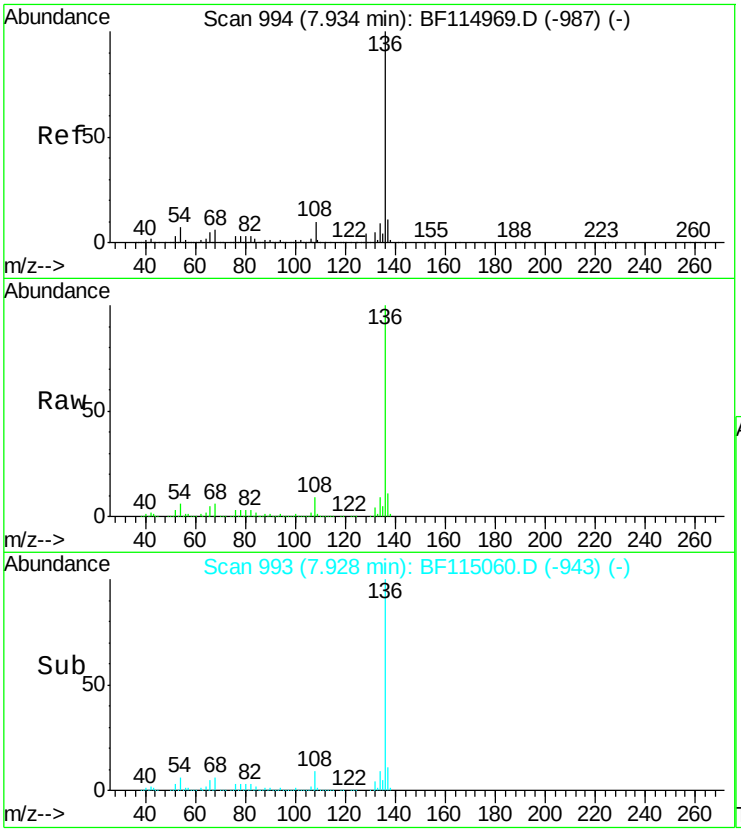


#19
n-Nitroso-di-n-propylamine
Concen: 11.161 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.13 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Tgt Ion: 70 Resp: 135804

Ion	Ratio	Lower	Upper
70	100		
42	41.8	40.3	60.5
101	0.0	8.2	12.4#
130	2.4	20.3	30.5#



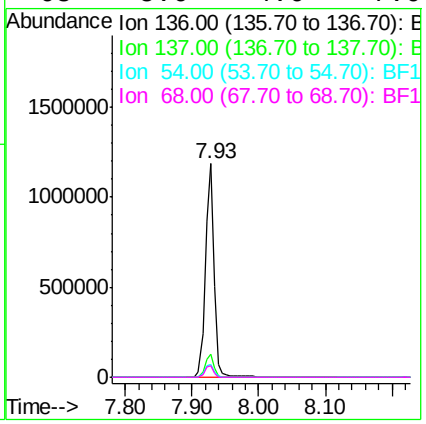


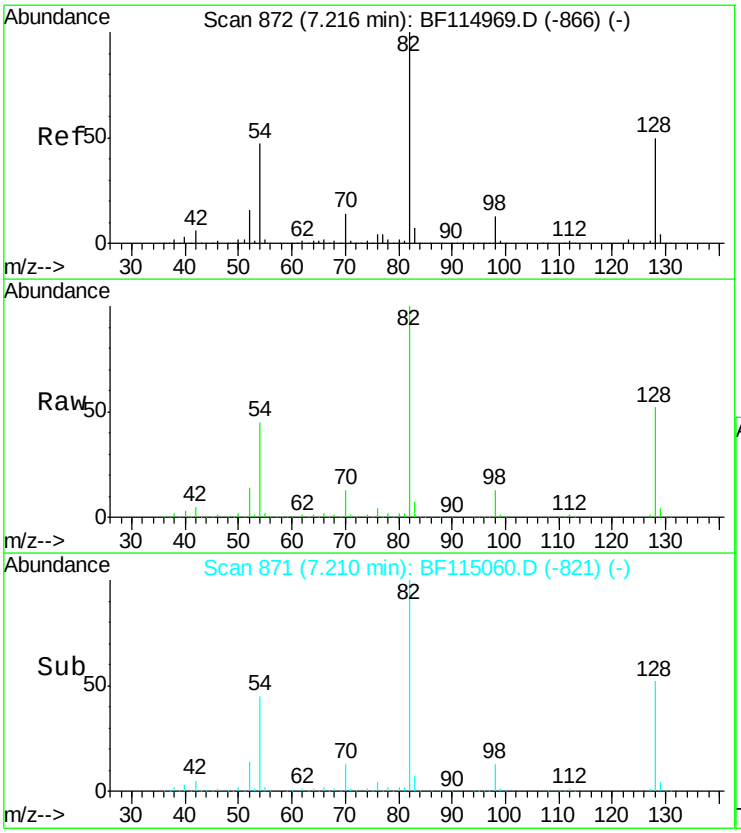
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1063926

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.1	5.4	8.0
68	5.6	4.6	7.0

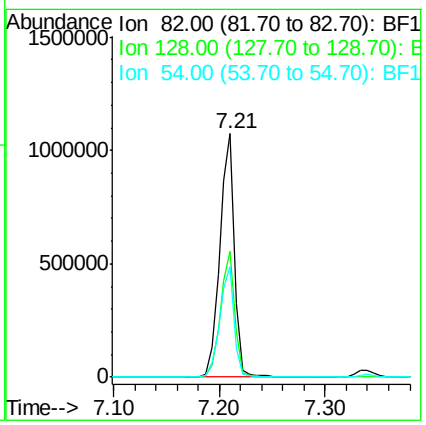


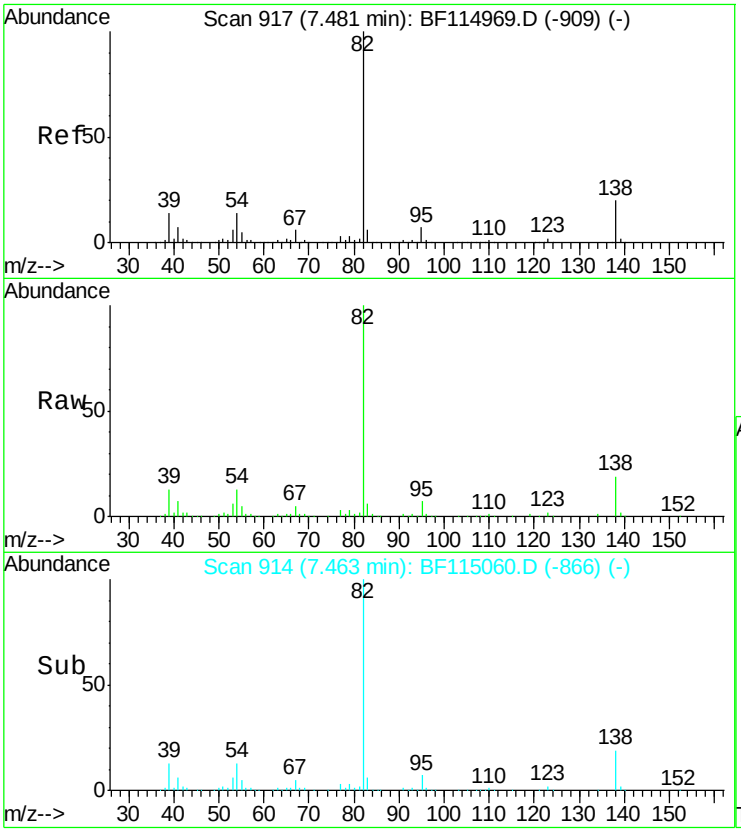


#23
Nitrobenzene-d5
Concen: 58.728 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Tgt Ion: 82 Resp: 1038046

Ion	Ratio	Lower	Upper
82	100		
128	51.8	39.9	59.9
54	45.3	37.3	55.9



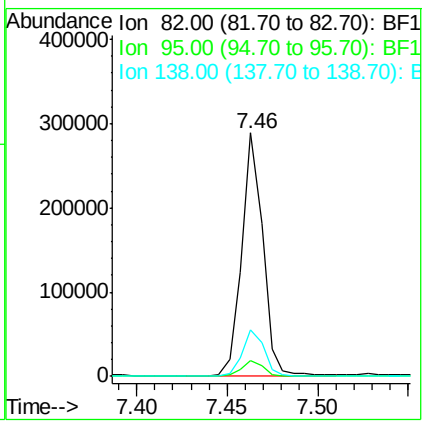


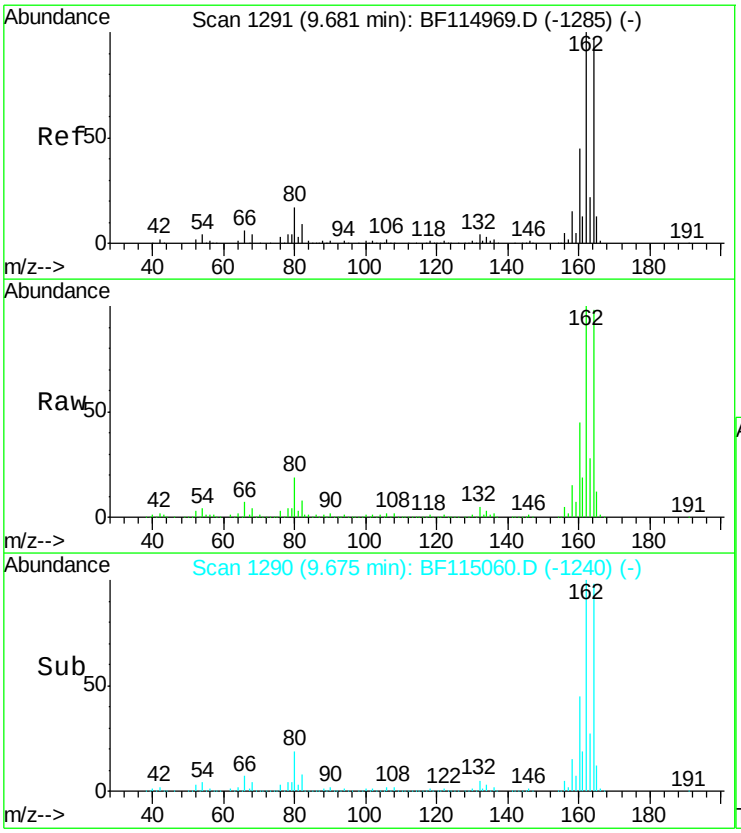
#25
Isophorone
Concen: 6.988 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 231352

Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.6	8.4
138	18.9	16.1	24.1

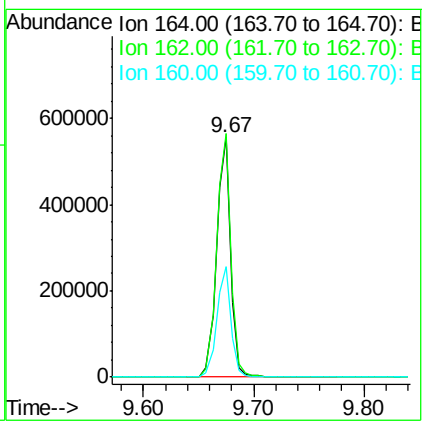


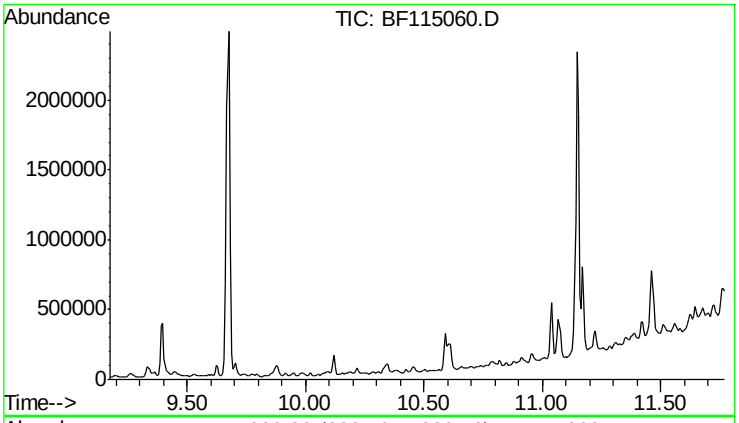


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Tgt Ion:164 Resp: 488637

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	124.0
160	46.0	36.9	55.3





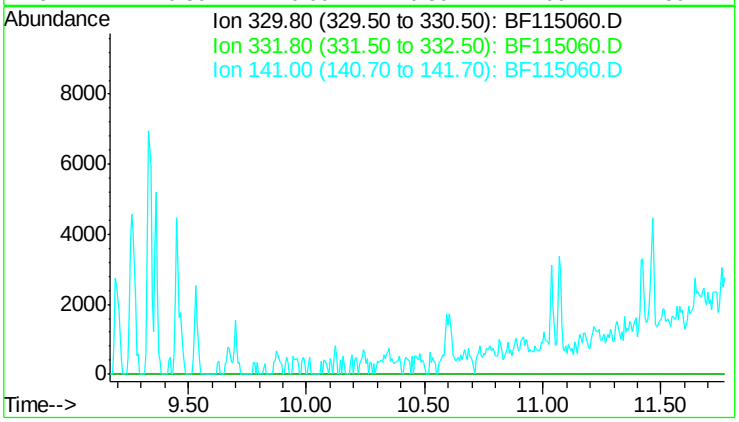
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.47 min

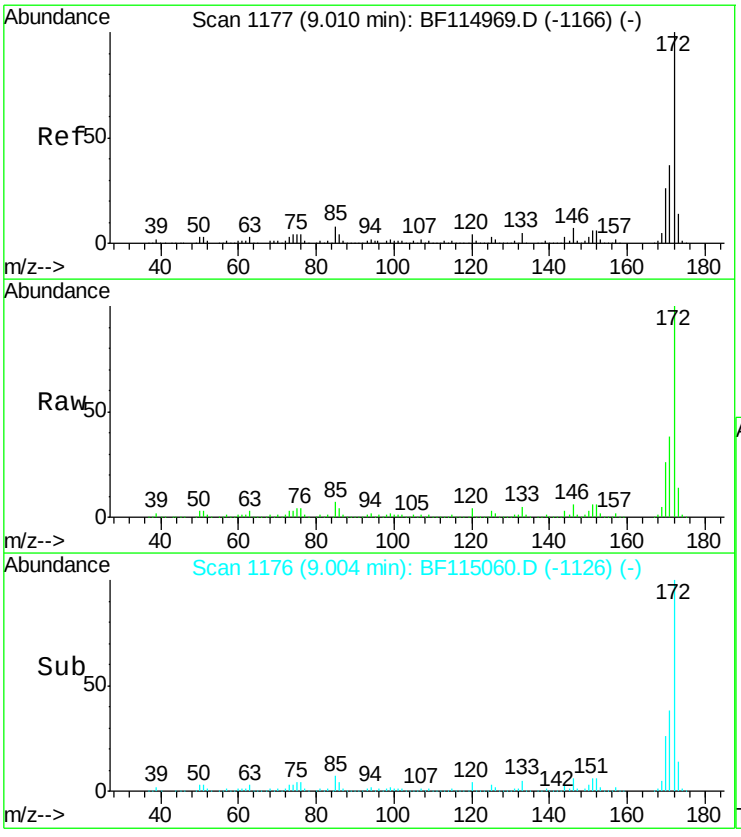
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.0
141	34.0

Instrument :
BNA_F
ClientSampleId :

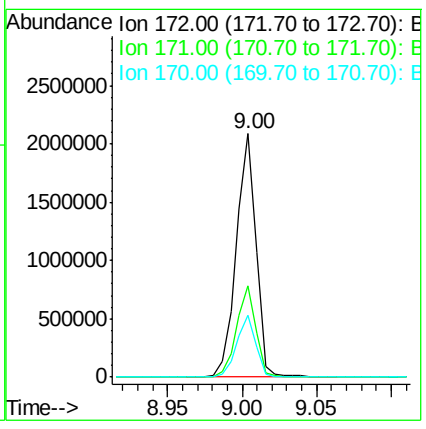


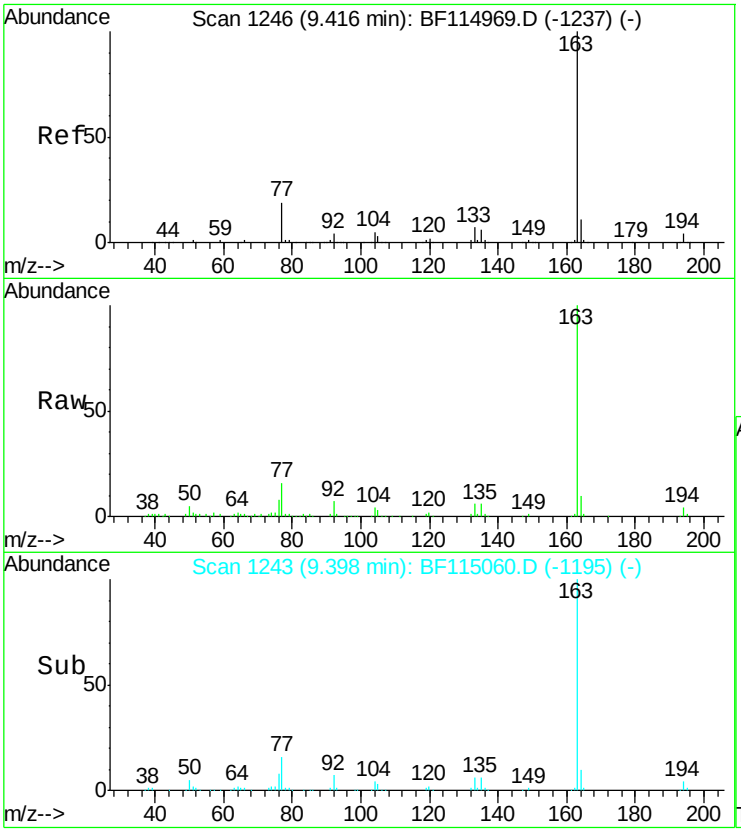


#45
2-Fluorobiphenyl
Concen: 67.454 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Tgt Ion:172 Resp: 1944775

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.6	20.6	31.0



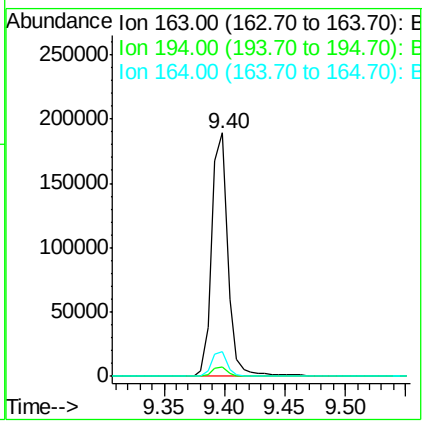


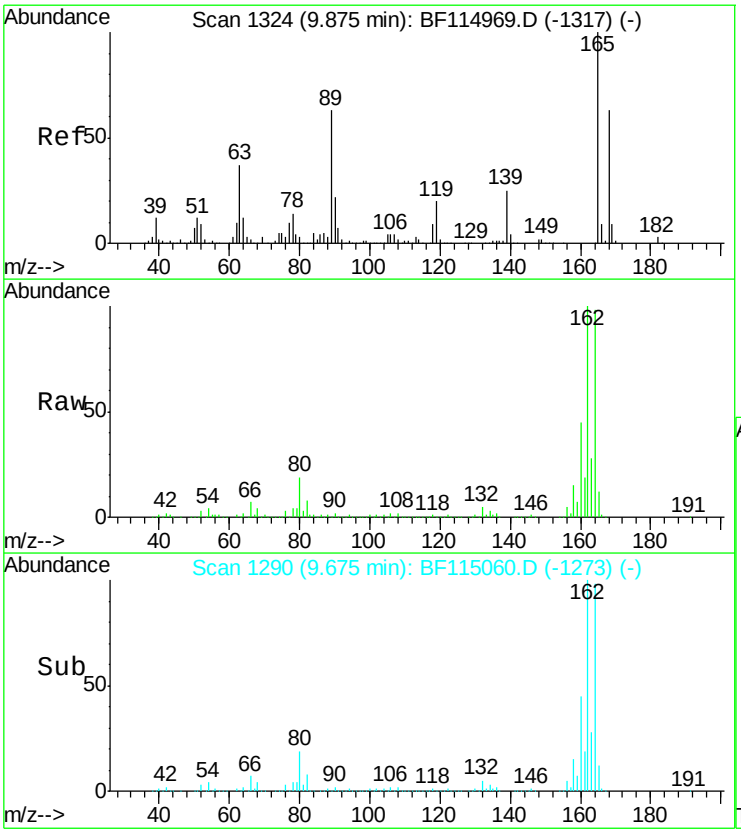
#50
Dimethylphthalate
Concen: 4.760 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 174918

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.0	8.6	12.8

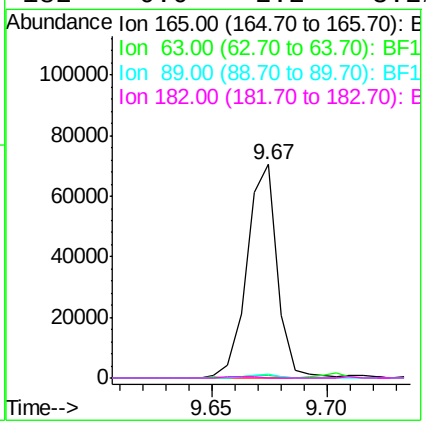


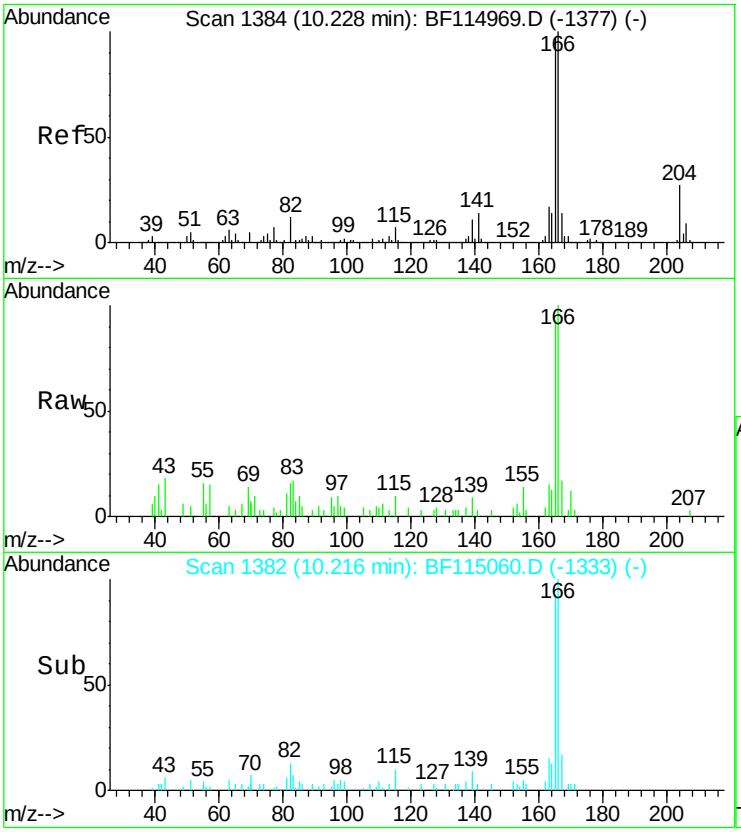


#57
2,4-Dinitrotoluene
Concen: 6.123 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.20 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Tgt Ion:165 Resp: 64960

Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.4	44.2#
89	1.7	50.6	75.8#
182	0.0	2.2	3.2#



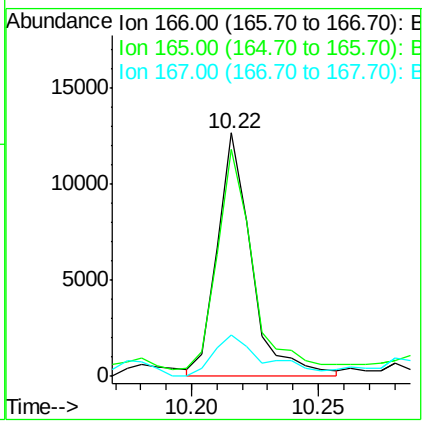


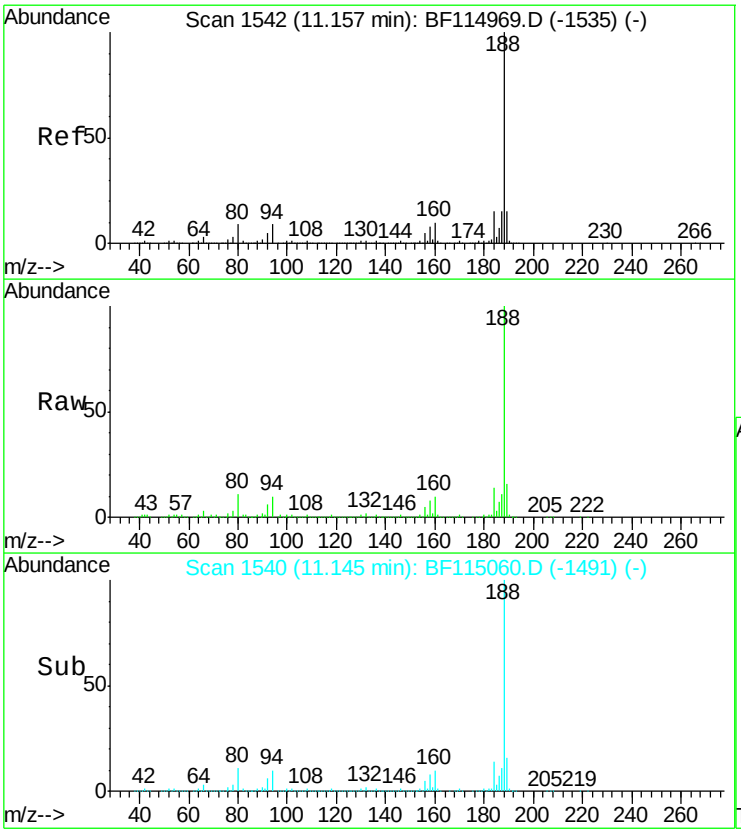
#58
Fluorene
Concen: Below Cal
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 11936

Ion	Ratio	Lower	Upper
166	100		
165	93.2	77.6	116.4
167	17.2	11.0	16.4#

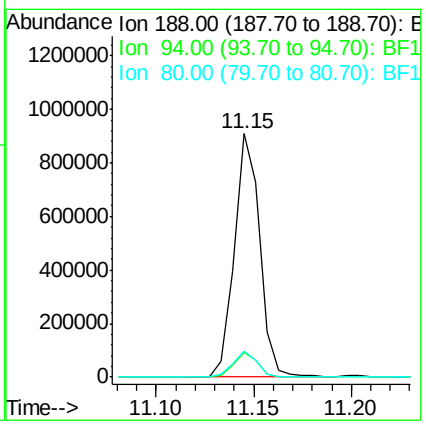


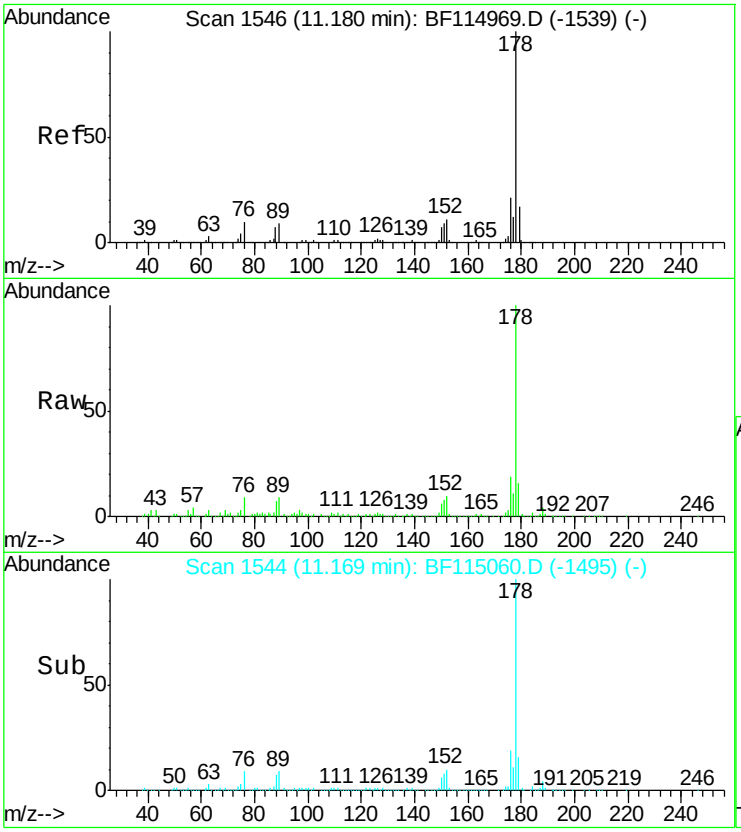


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Tgt Ion:188 Resp: 817161

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.2	10.8
80	10.6	7.4	11.2



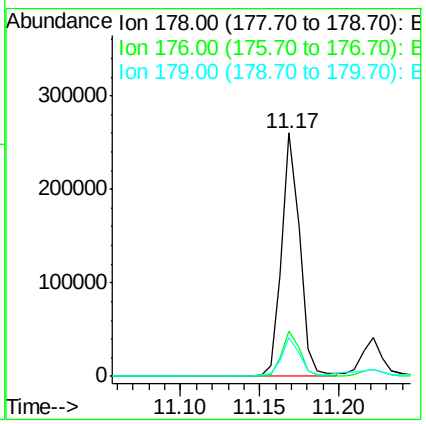


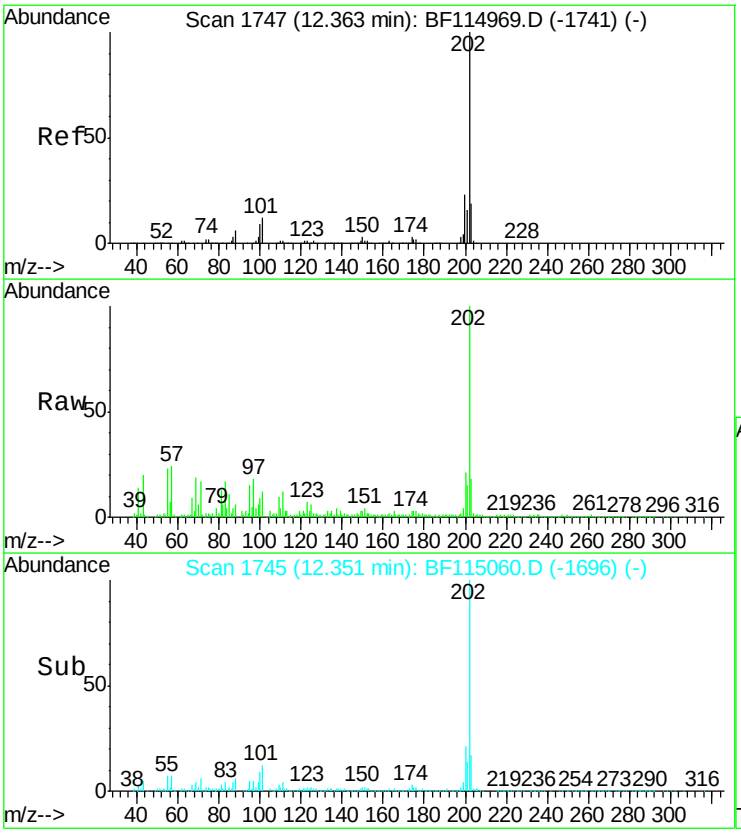
#71
Phenanthrene
Concen: 4.899 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 206696

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.9	25.3
179	16.0	13.4	20.0

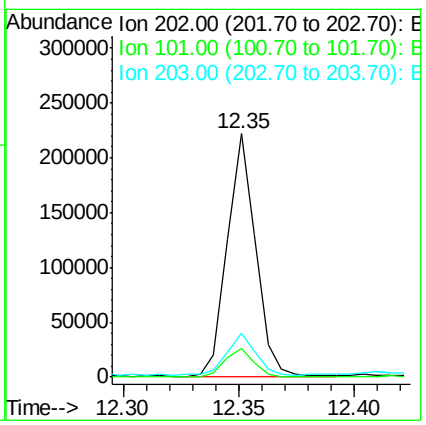


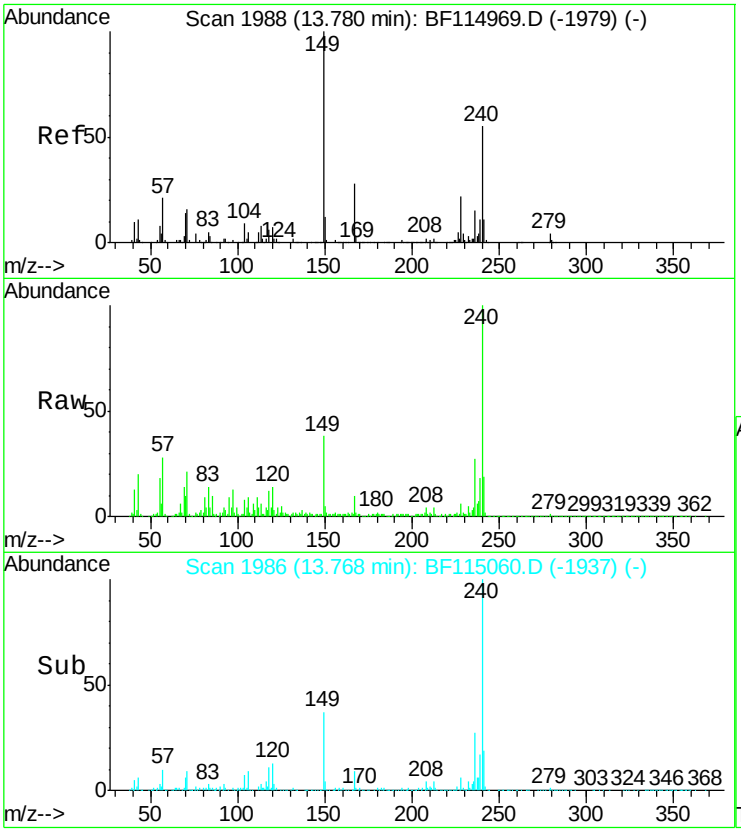


#75
Fluoranthene
Concen: 4.380 ng
RT: 12.35 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Tgt Ion:202 Resp: 188956

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.4
203	18.1	0.0	38.6



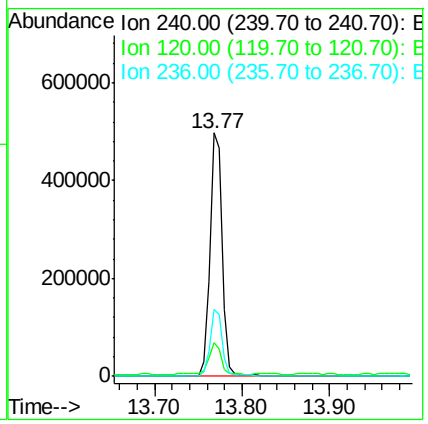


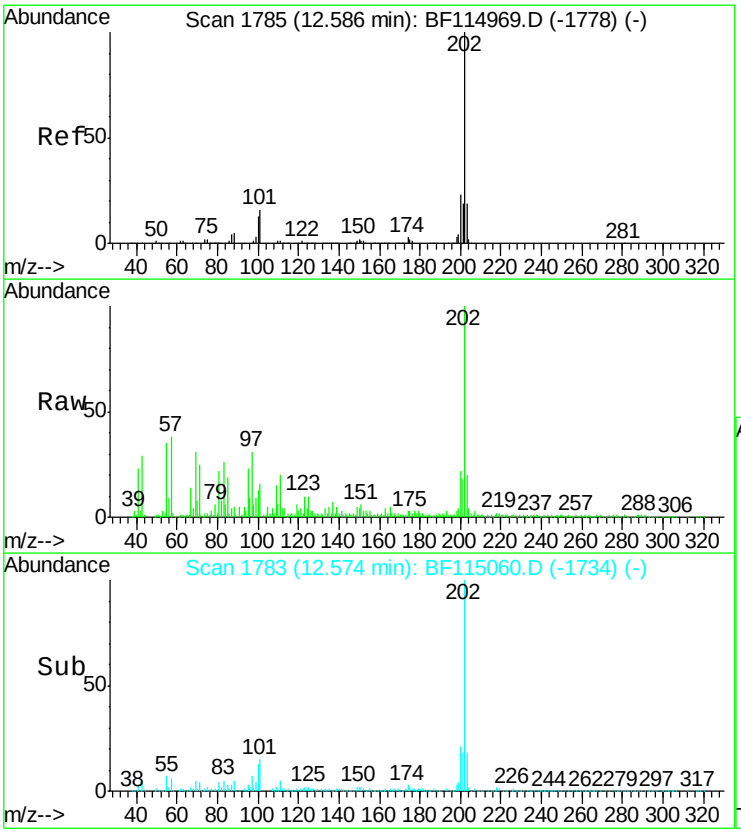
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 483908

Ion	Ratio	Lower	Upper
240	100		
120	13.8	10.0	15.0
236	27.3	21.6	32.4

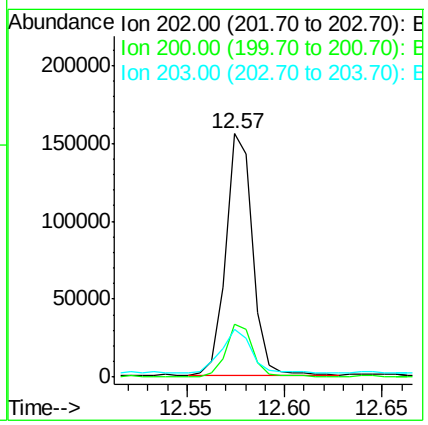


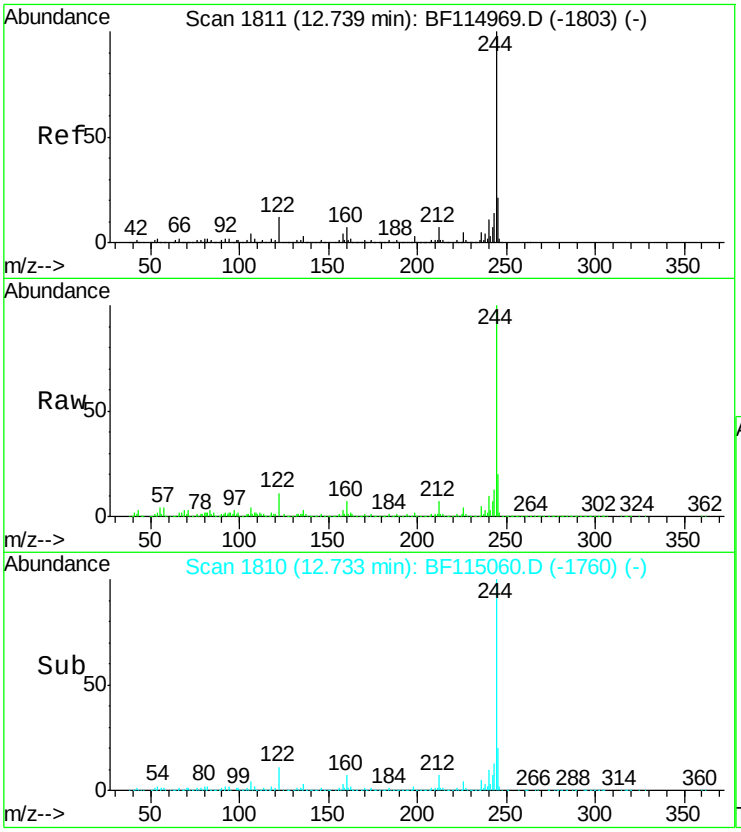


#78
Pyrene
Concen: 3.361 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Tgt Ion:202 Resp: 148149

Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.4	27.6
203	19.7	14.9	22.3



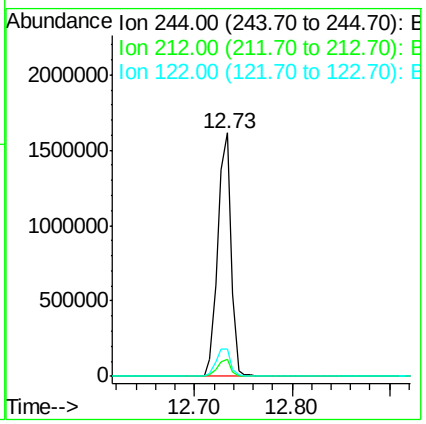


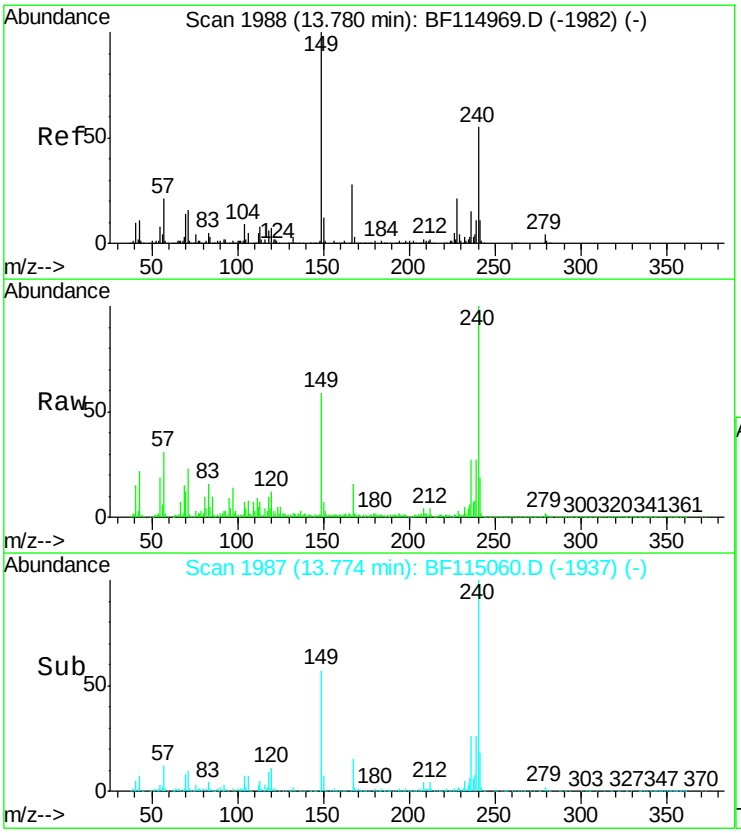
#79
Terphenyl-d14
Concen: 59.637 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1534344

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.1	9.4	14.0

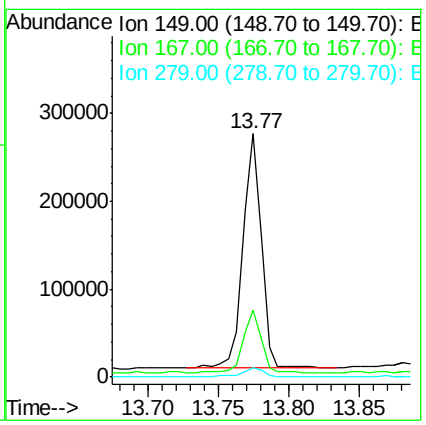


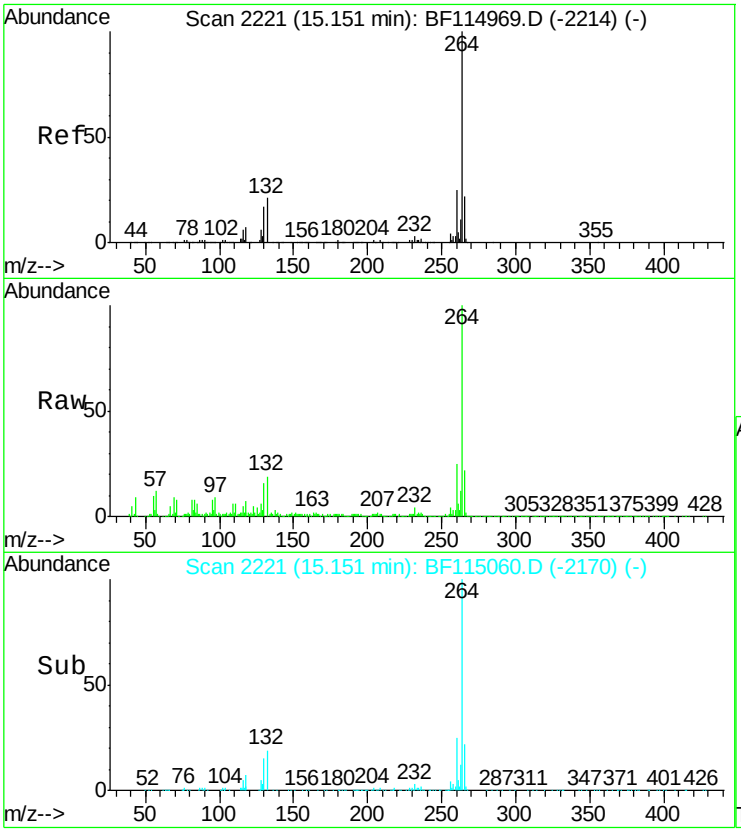


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.992 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Tgt Ion:149 Resp: 243168

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.2	33.4
279	4.1	3.4	5.0



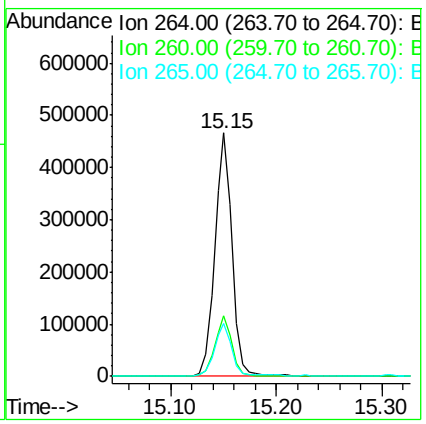


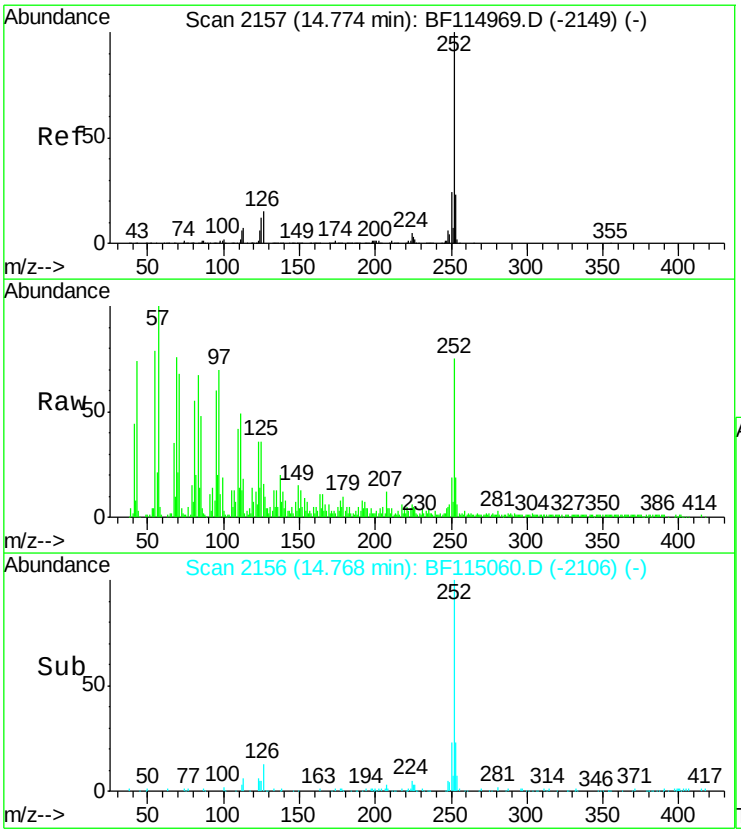
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 528419

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.9	29.9
265	21.8	17.6	26.4

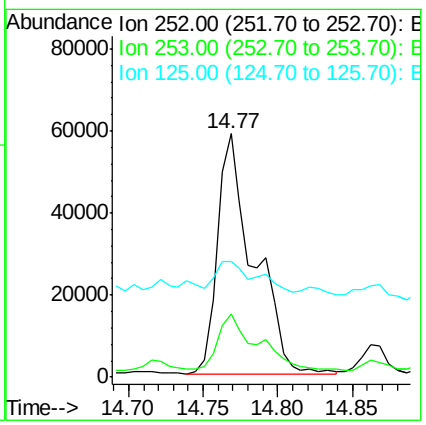


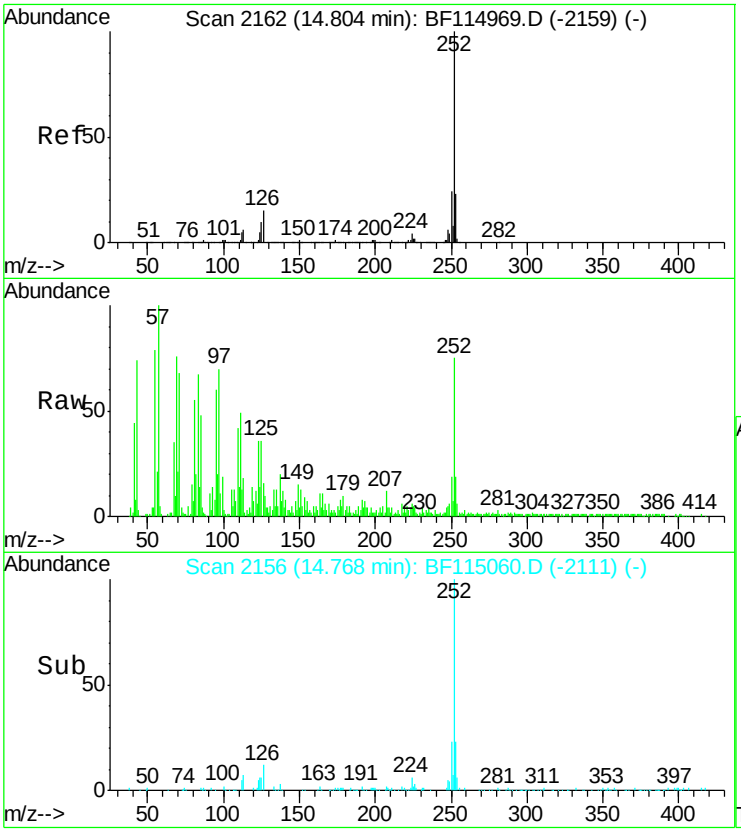


#88
Benzo(b)fluoranthene
Concen: 2.806 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Tgt Ion:252 Resp: 98552

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.1	27.1
125	47.6	9.4	14.0#





#89
Benzo(k)fluoranthene
Concen: 3.196 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.04 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 98552

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.0	27.0
125	47.6	8.2	12.4#