Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115603.D
Acq On : 16 Jul 2019 17:57
Operator : HP/JU
Sample : K3830-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 17 03:52:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	193728	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	666562	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	331534	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	629724	20.00	ng		0.00
76) Chrysene-d12	14.04	240	418143	20.00	ng		-0.01
87) Perylene-d12	15.51	264	487408	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1398546	118.08	ng		0.00
7) Phenol-d6	6.52	99	1836095	122.18	ng		0.00
23) Nitrobenzene-d5	7.44	82	1203027	104.94	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	457354	118.19	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1638684	86.51	ng		-0.01
79) Terphenyl-d14	12.99	244	1650564	72.84	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	162393	16.569	ng	#	79
25) Isophorone	7.44	82	1181020	51.486	ng	#	64
50) Dimethylphthalate	9.63	163	315498	12.648	ng		99
57) 2,4-Dinitrotoluene	9.92	165	42767	5.823	ng	#	24
67) 4-Bromophenyl-phenylether	10.70	248	28094	3.904	ng	#	1
71) Phenanthrene	11.43	178	205291	6.360	ng		96
75) Fluoranthene	12.62	202	466127	13.665	ng		99
78) Pyrene	12.84	202	434316	12.260	ng		96
81) Benzo(a)anthracene	14.03	228	217994	7.913	ng		98
83) Chrysene	14.06	228	239669	8.667	ng		96
86) Indeno(1,2,3-cd)pyrene	16.97	276	139103	5.921	ng		94
88) Benzo(b)fluoranthene	15.08	252	427285	13.614	ng		100
89) Benzo(k)fluoranthene	15.08	252	427285	15.270	ng		99
90) Benzo(a)pyrene	15.44	252	209423	7.764	ng		98
92) Benzo(g,h,i)perylene	17.42	276	125118	5.298	ng		99

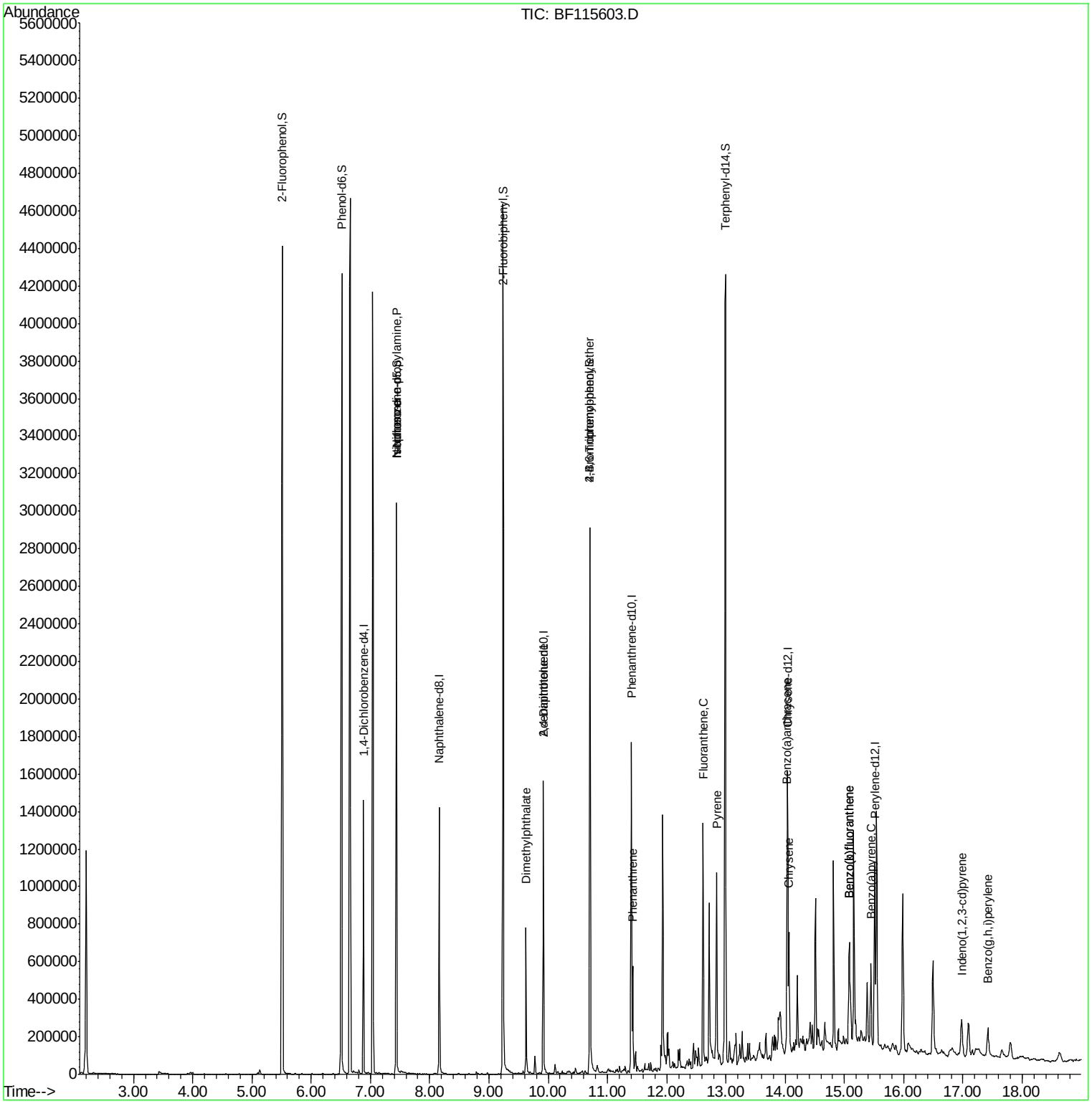
(#) = qualifier out of range (m) = manual integration (+) = signals summed

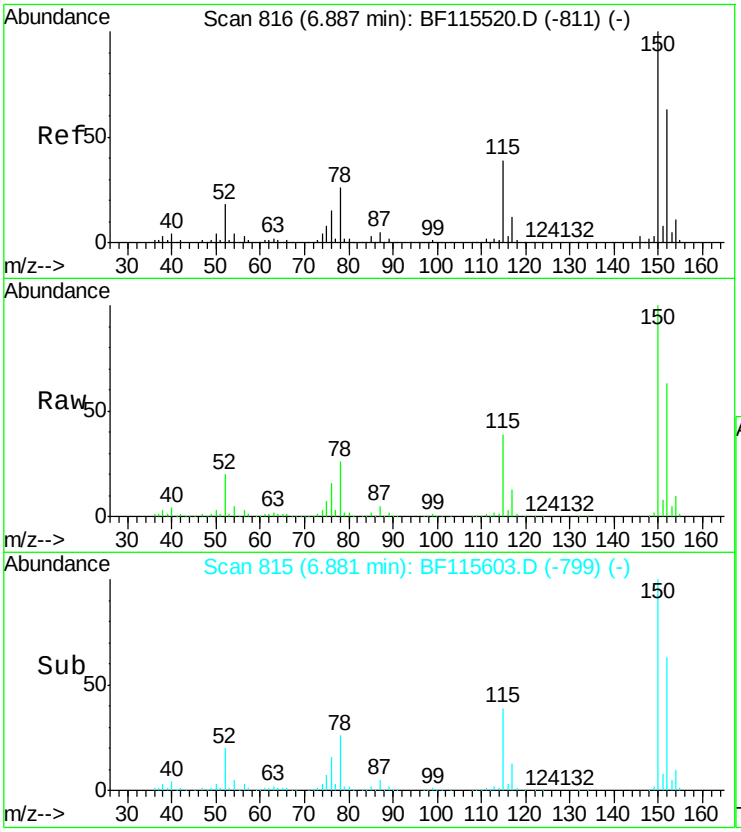
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115603.D
Acq On : 16 Jul 2019 17:57
Operator : HP/JU
Sample : K3830-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 17 03:52:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



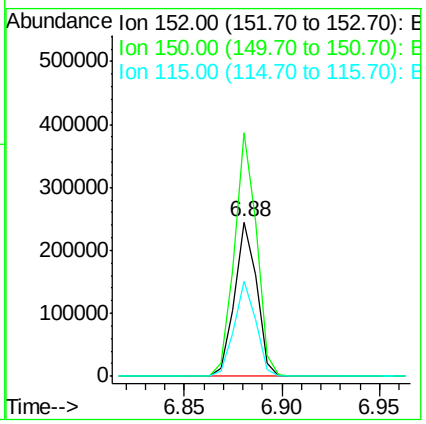


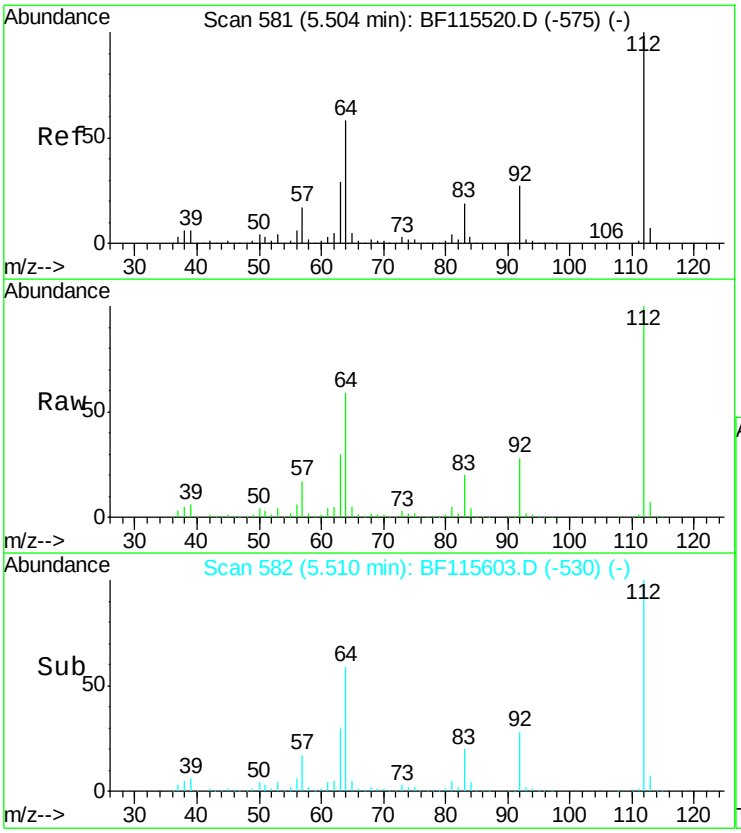
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 193728

Ion	Ratio	Lower	Upper
152	100		
150	157.8	129.7	194.5
115	61.5	48.2	72.4

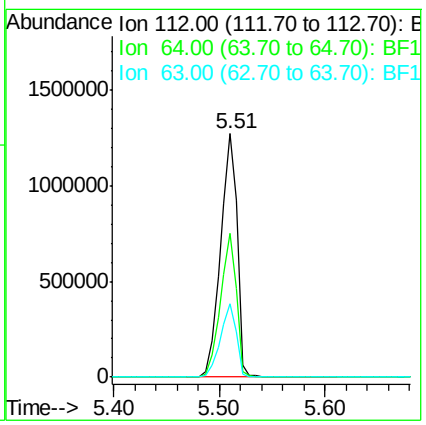


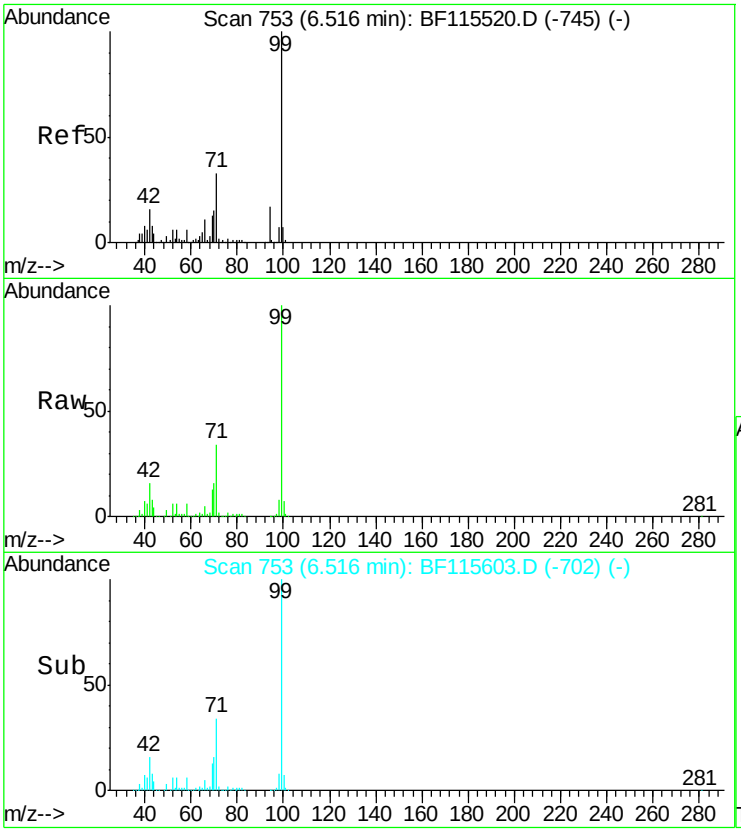


#5
2-Fluorophenol
Concen: 118.084 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Tgt Ion:112 Resp: 1398546

Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.8	70.2
63	30.0	24.1	36.1



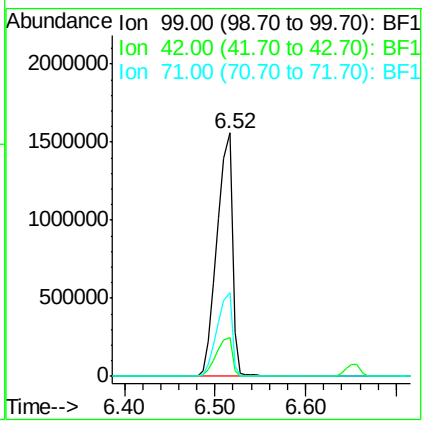


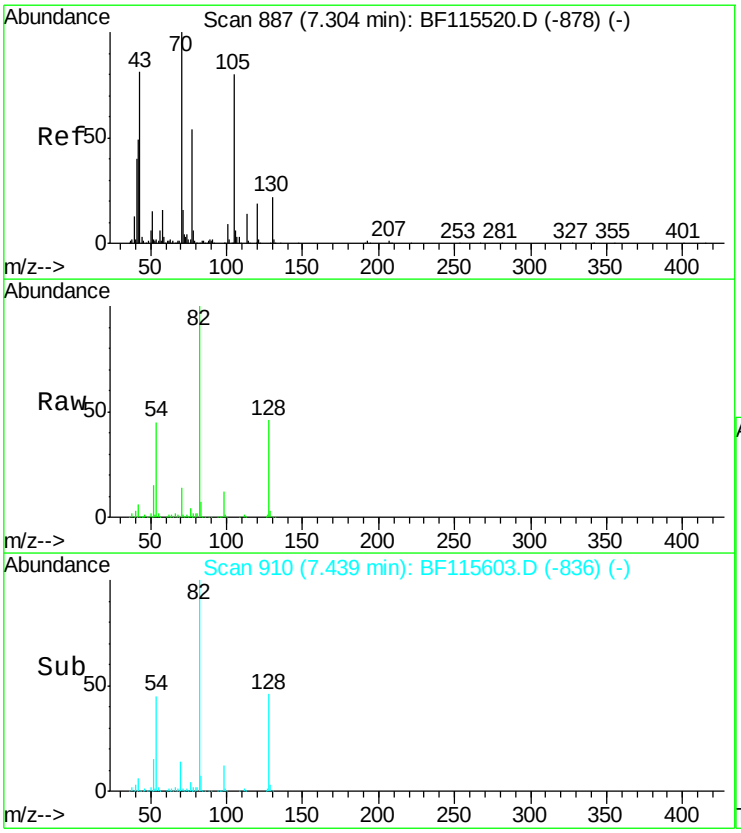
#7
Phenol-d6
Concen: 122.176 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1836095

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.6	20.4
71	34.4	28.5	42.7

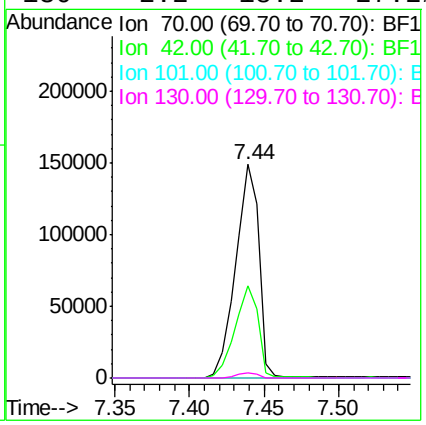


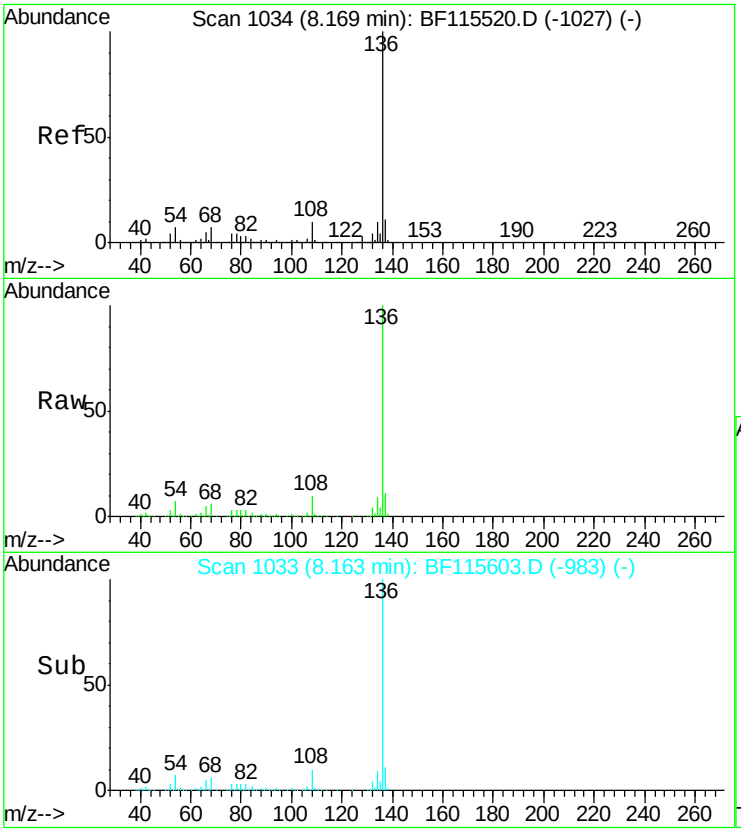


#19
n-Nitroso-di-n-propylamine
Concen: 16.569 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Tgt Ion: 70 Resp: 162393

Ion	Ratio	Lower	Upper
70	100		
42	43.0	39.6	59.4
101	0.0	8.1	12.1#
130	2.2	18.2	27.2#



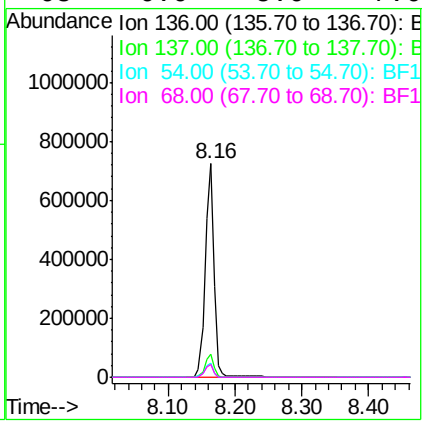


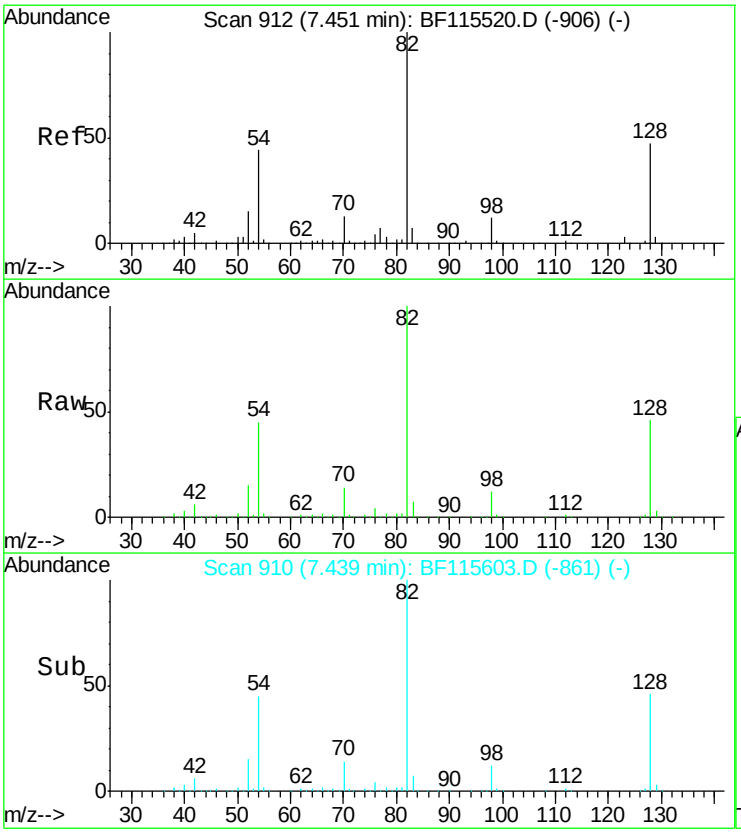
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 666562

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.5	5.6	8.4
68	6.0	5.0	7.6

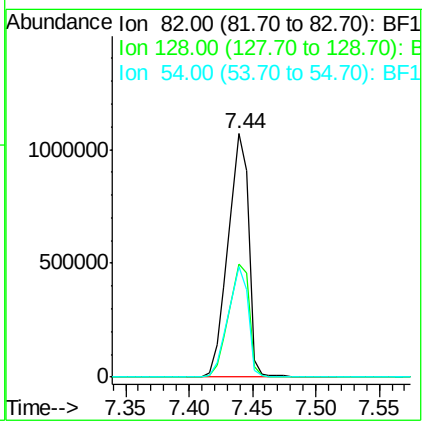


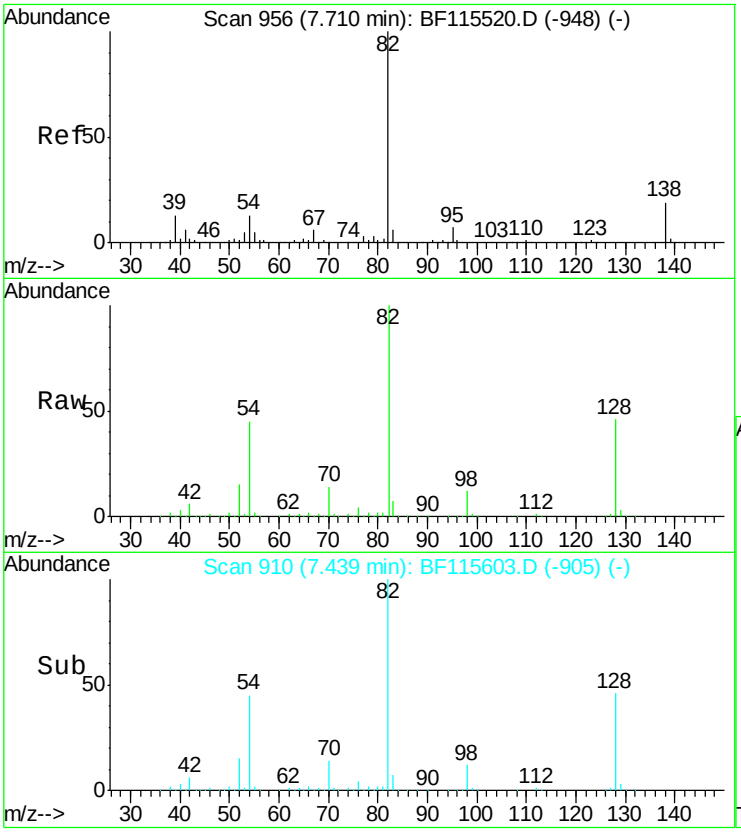


#23
Nitrobenzene-d5
Concen: 104.944 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Tgt Ion: 82 Resp: 1203027

Ion	Ratio	Lower	Upper
82	100		
128	46.2	38.6	57.8
54	45.2	35.6	53.4



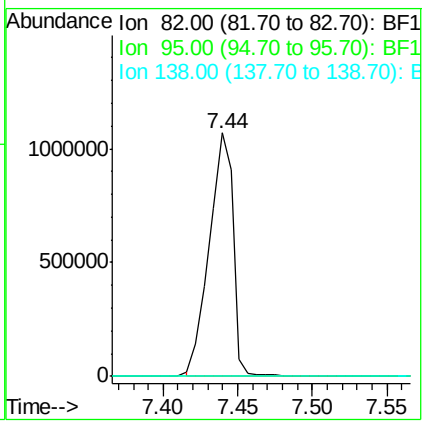


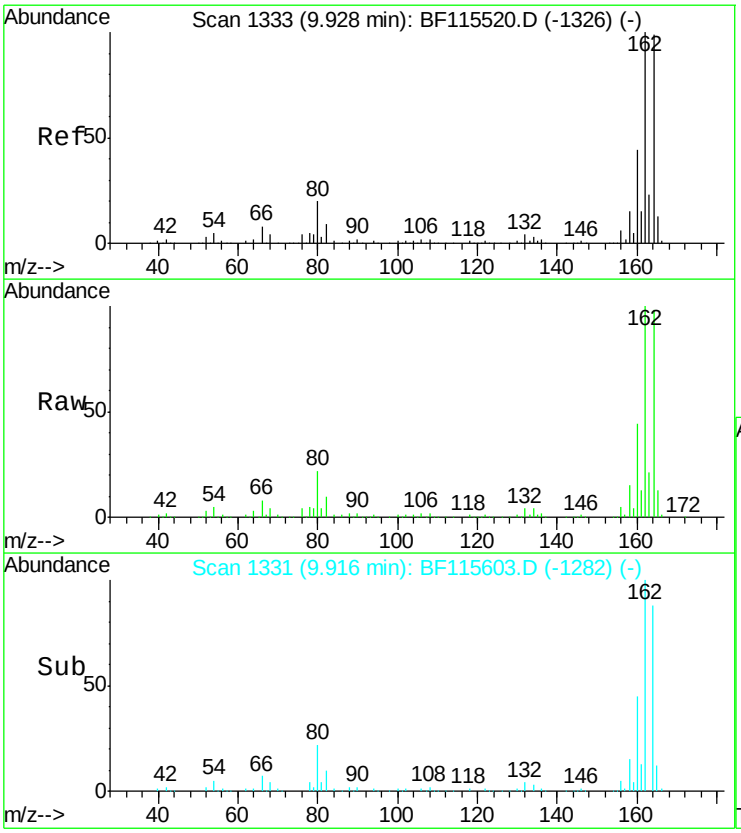
#25
Isophorone
Concen: 51.486 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1181020

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.9	22.3#

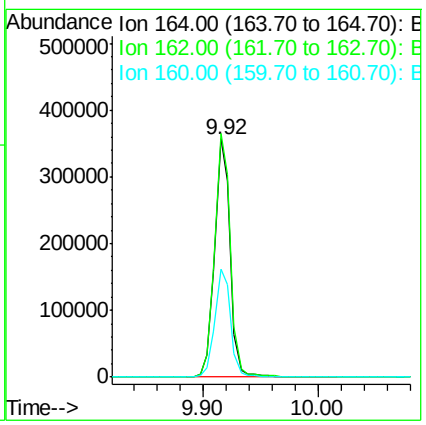


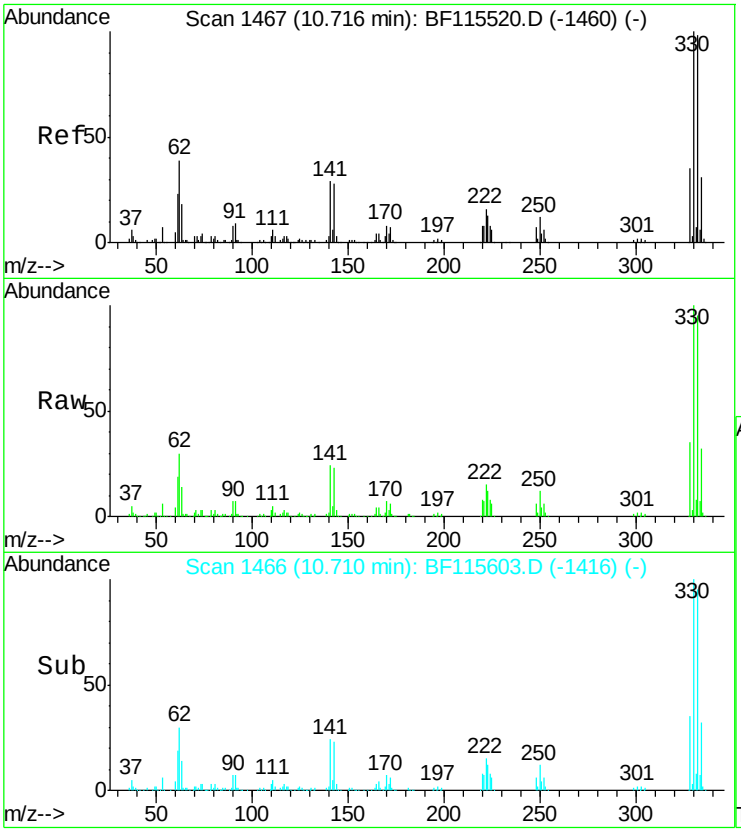


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Tgt Ion:164 Resp: 331534

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.9	124.3
160	45.2	36.8	55.2



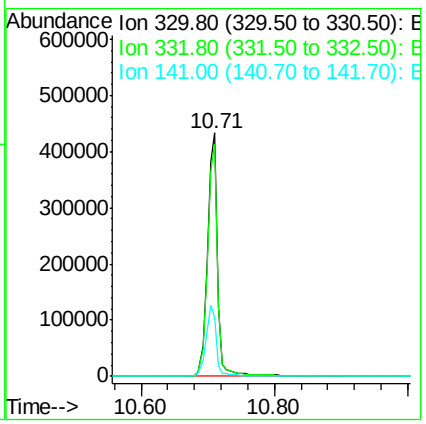


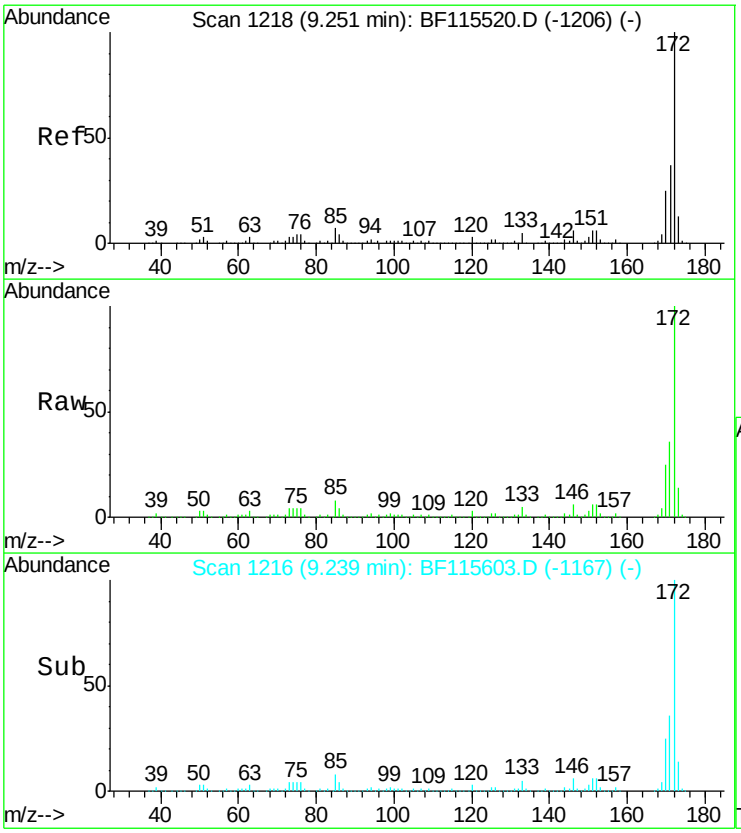
#42
2,4,6-Tribromophenol
Concen: 118.185 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 457354

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	30.0	22.4	33.6

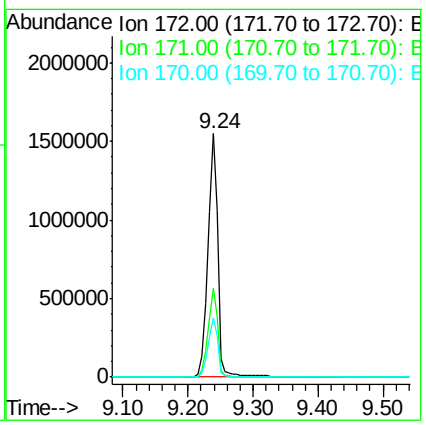


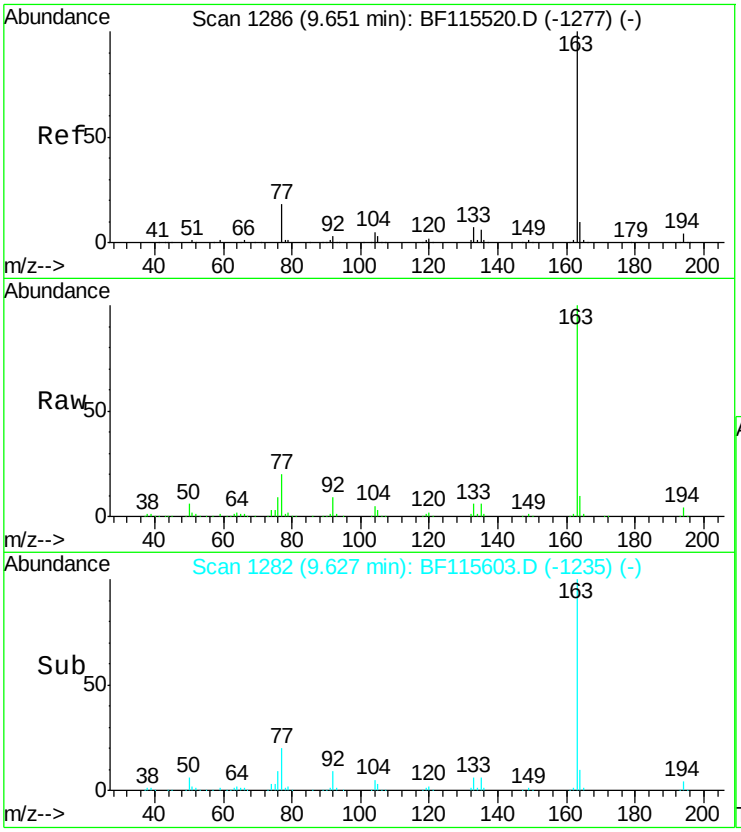


#45
2-Fluorobiphenyl
Concen: 86.512 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Tgt Ion:172 Resp: 1638684

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	46.0
170	24.6	20.5	30.7



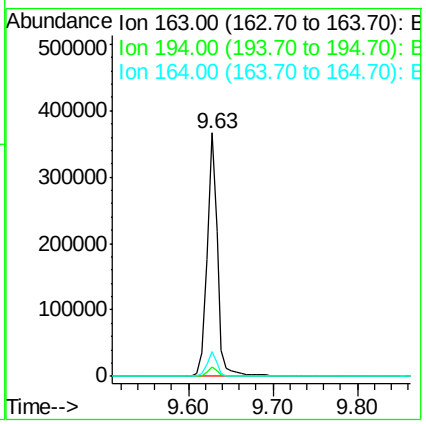


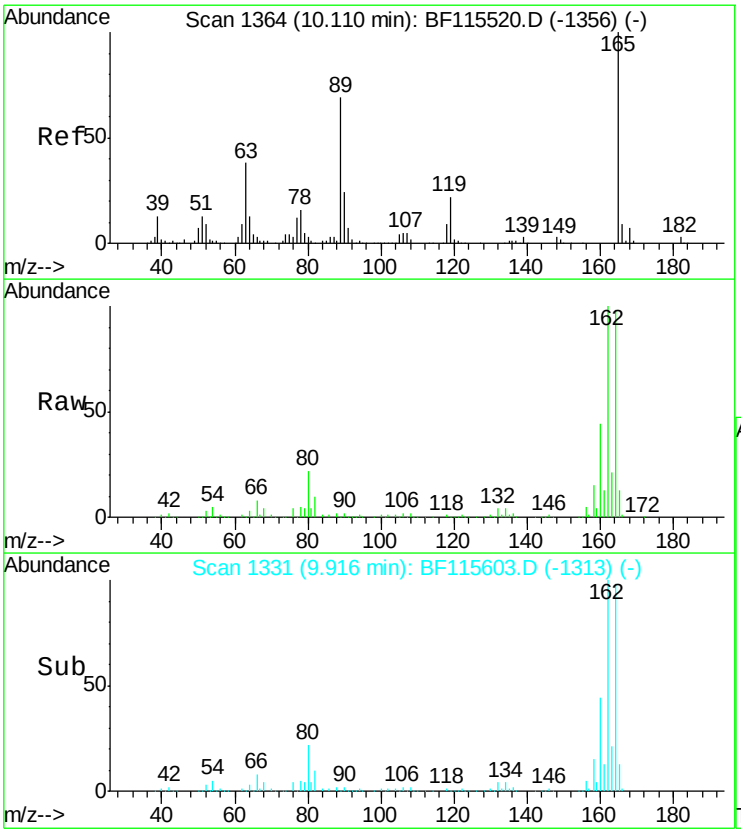
#50
Dimethylphthalate
Concen: 12.648 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 315498

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.7	13.1

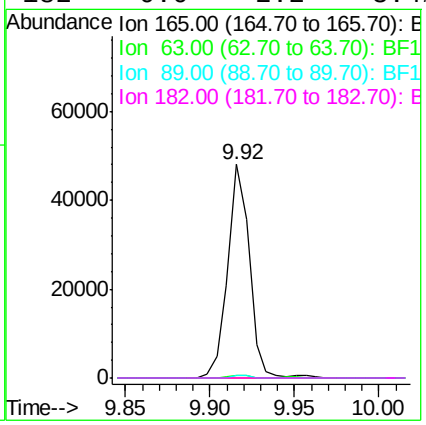


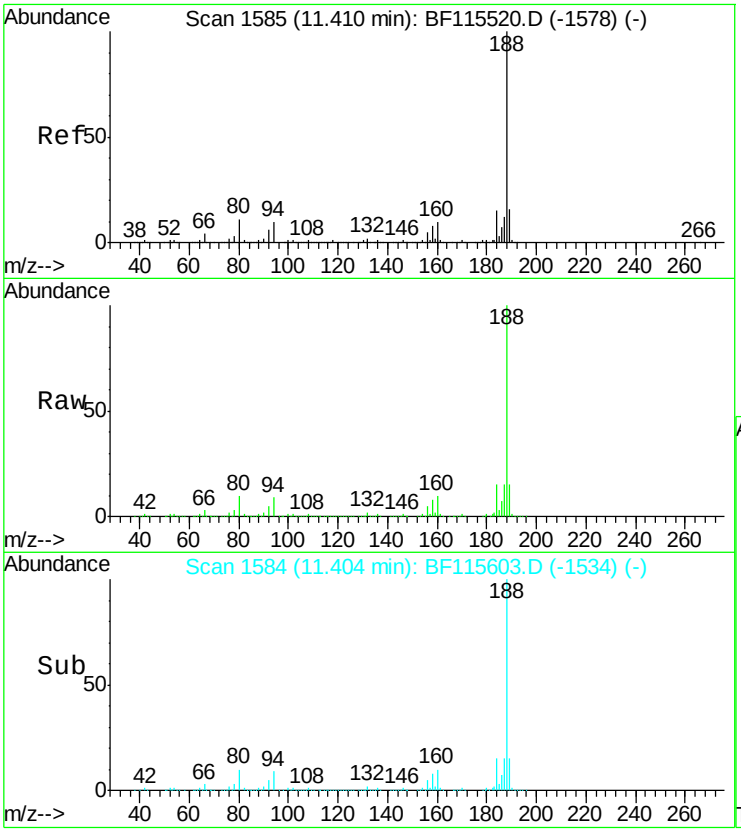


#57
2,4-Dinitrotoluene
Concen: 5.823 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Tgt Ion:165 Resp: 42767

Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.9	52.3#
89	1.3	57.5	86.3#
182	0.0	2.2	3.4#



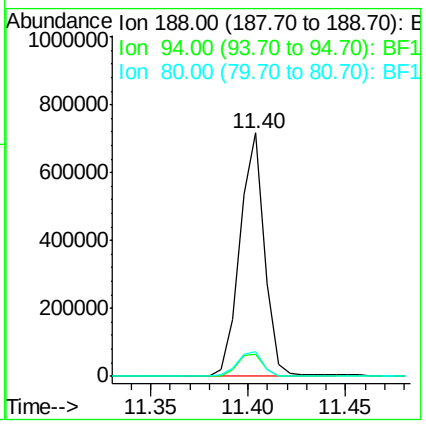


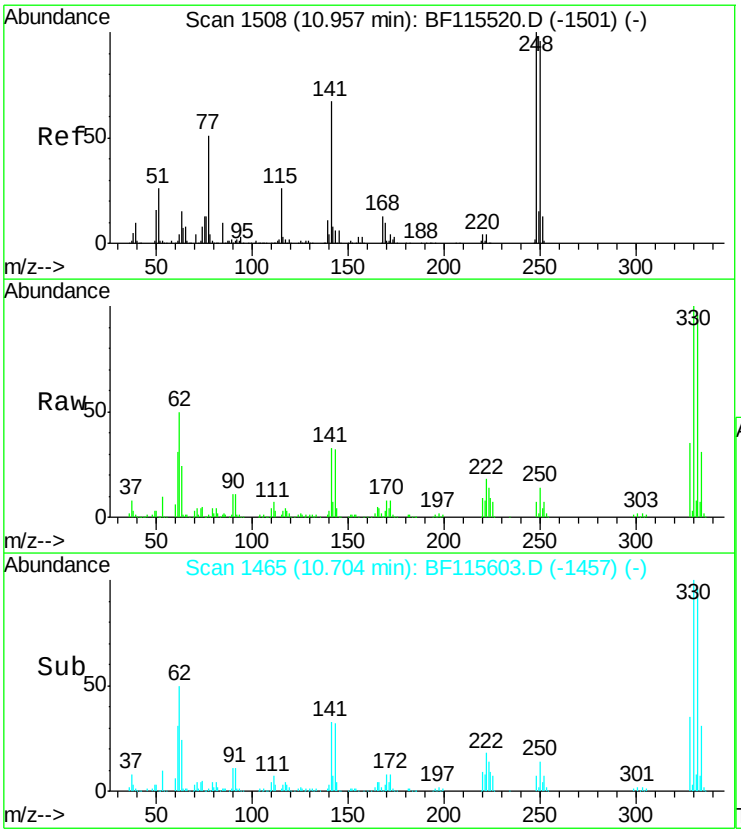
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 629724

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.8	11.6
80	9.9	8.6	13.0

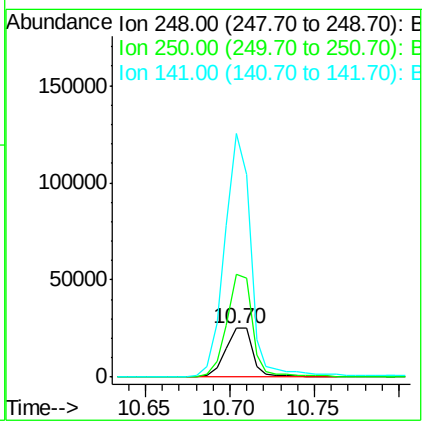


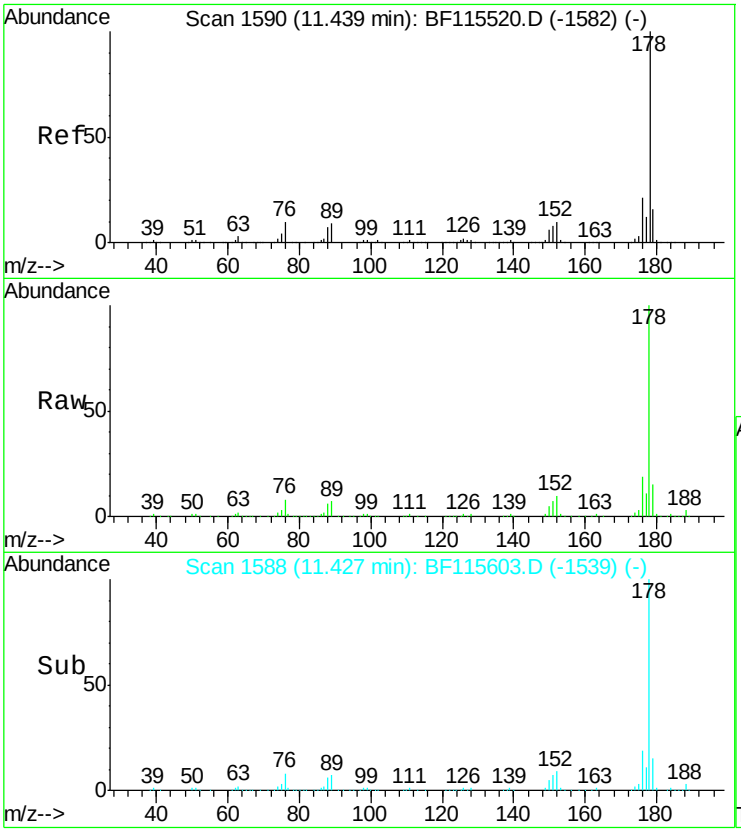


#67
4-Bromophenyl-phenylether
Concen: 3.904 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Tgt Ion:248 Resp: 28094

Ion	Ratio	Lower	Upper
248	100		
250	210.7	78.0	117.0#
141	499.0	57.7	86.5#



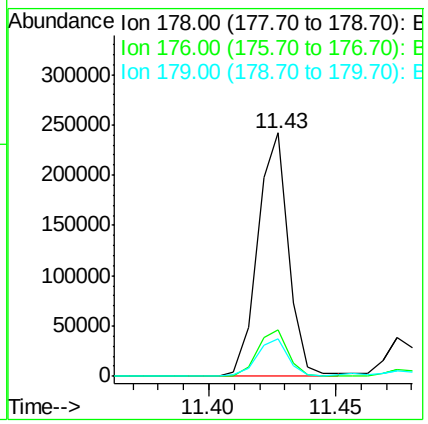


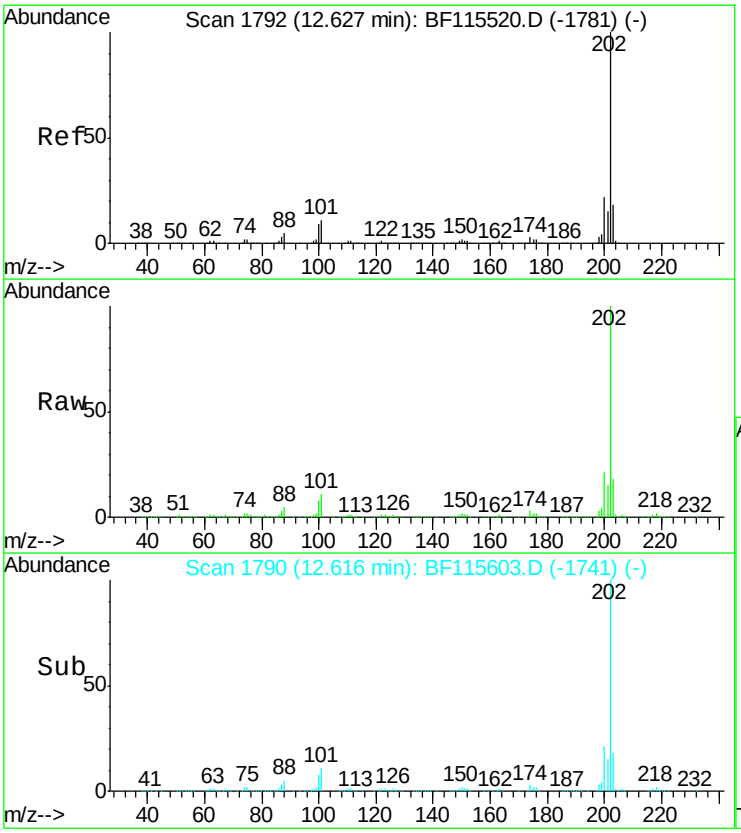
#71
Phenanthrene
Concen: 6.360 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 205291

Ion	Ratio	Lower	Upper
178	100		
176	19.3	17.2	25.8
179	15.4	13.5	20.3

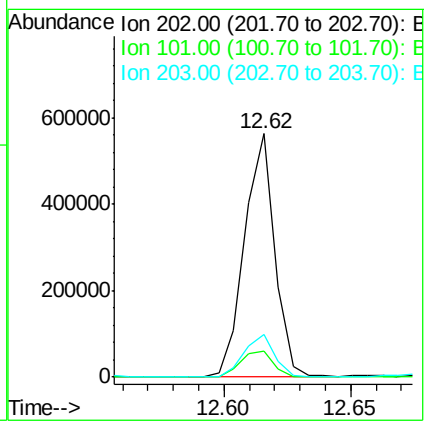


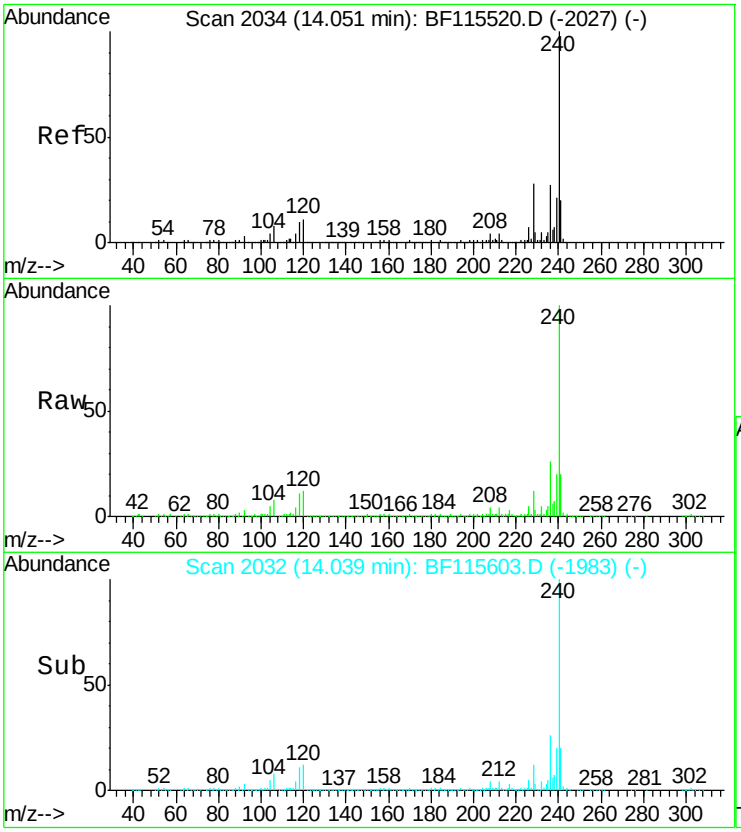


#75
Fluoranthene
Concen: 13.665 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Tgt Ion:202 Resp: 466127

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.4
203	17.7	0.0	38.1



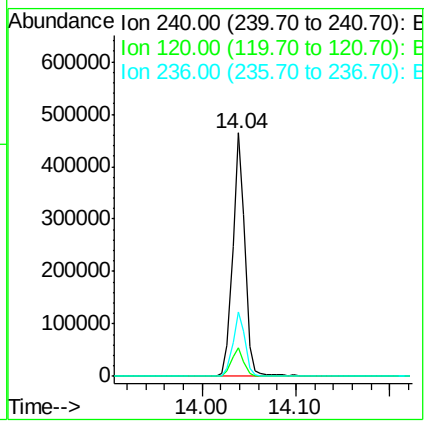


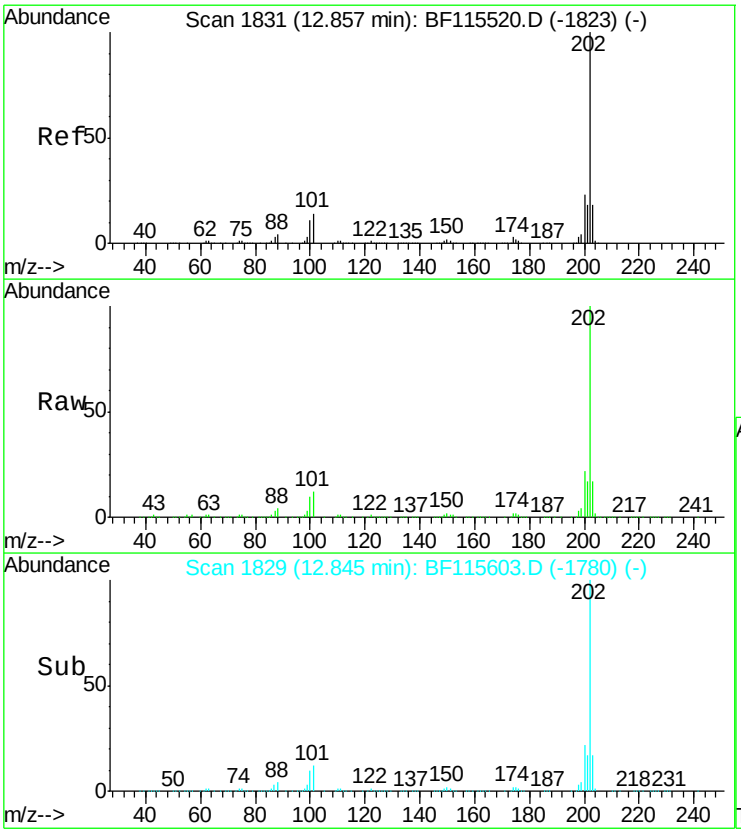
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 418143

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.6	13.0
236	26.4	21.3	31.9

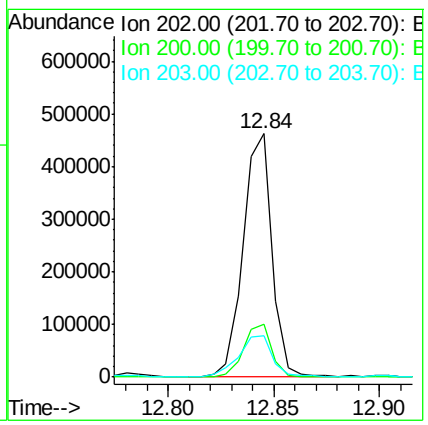


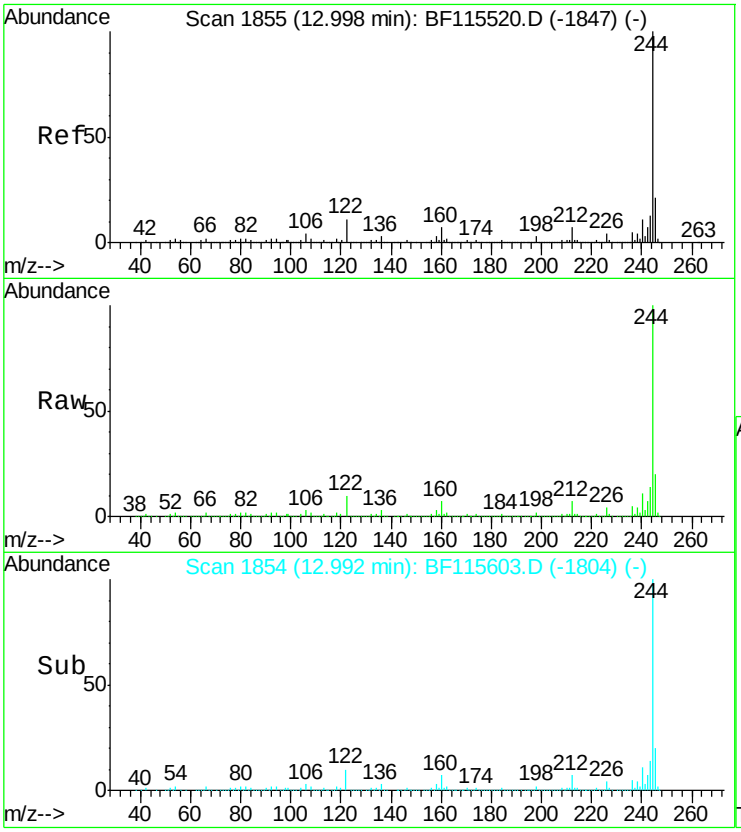


#78
Pyrene
Concen: 12.260 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Tgt Ion:202 Resp: 434316

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.7	28.1
203	17.2	15.2	22.8



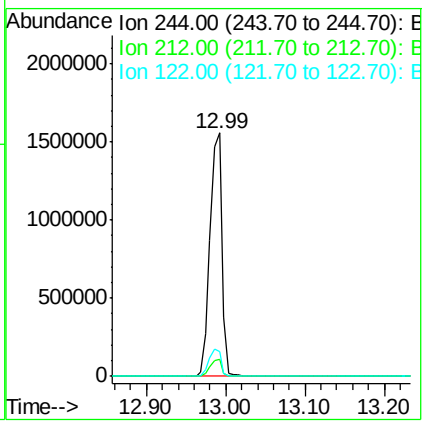


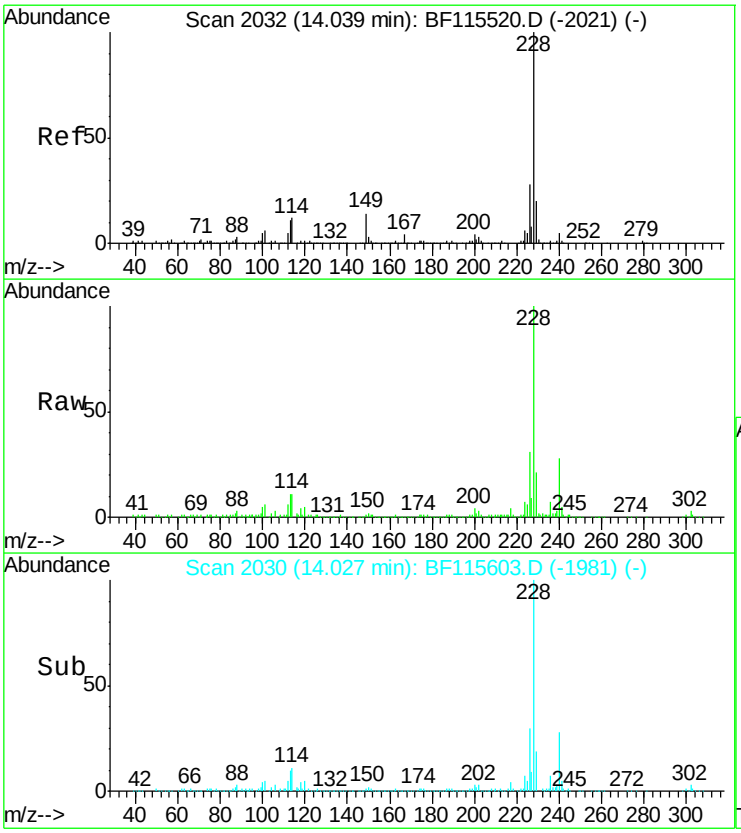
#79
Terphenyl-d14
Concen: 72.836 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1650564

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	10.3	8.6	12.8

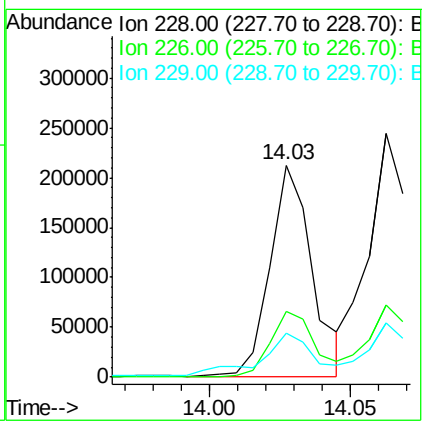


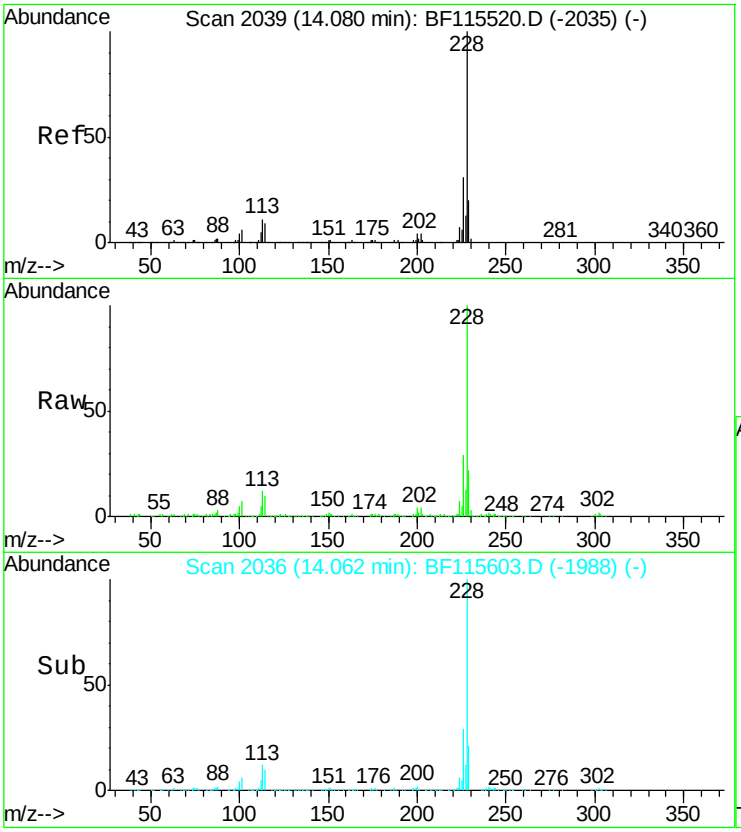


#81
Benzo(a)anthracene
Concen: 7.913 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Tgt Ion:228 Resp: 217994

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	20.7	17.2	25.8



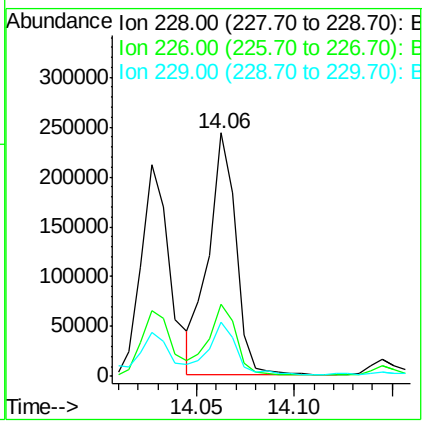


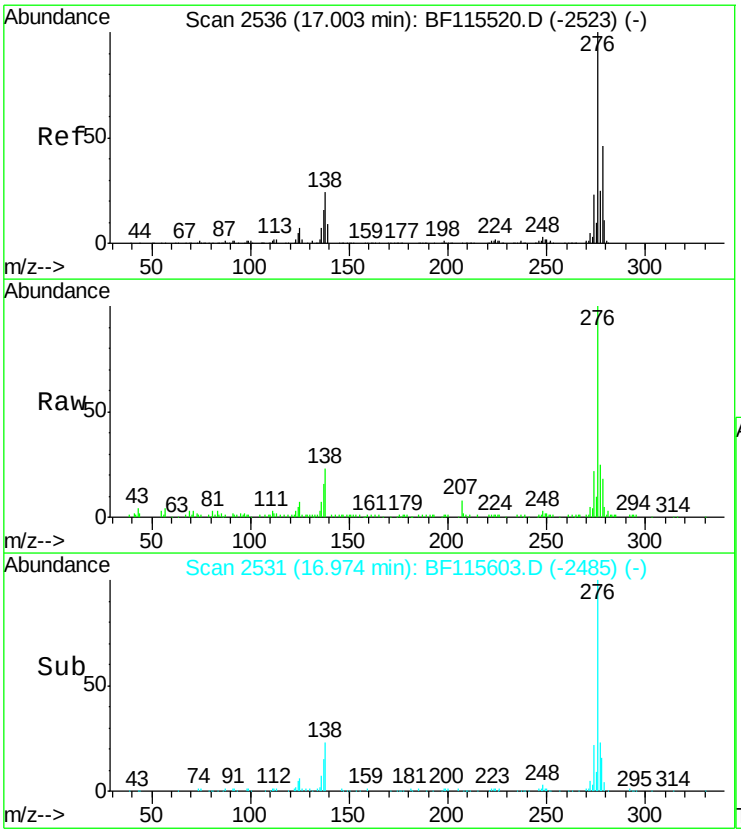
#83
Chrysene
Concen: 8.667 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 239669

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.7	38.5
229	22.1	16.6	25.0

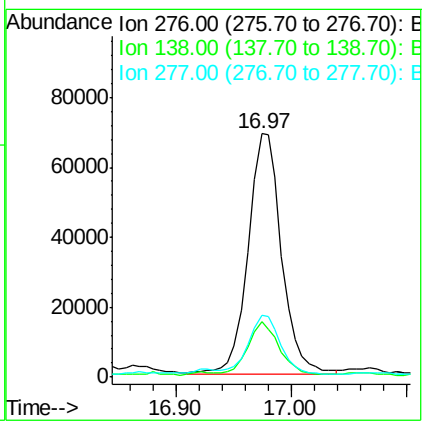


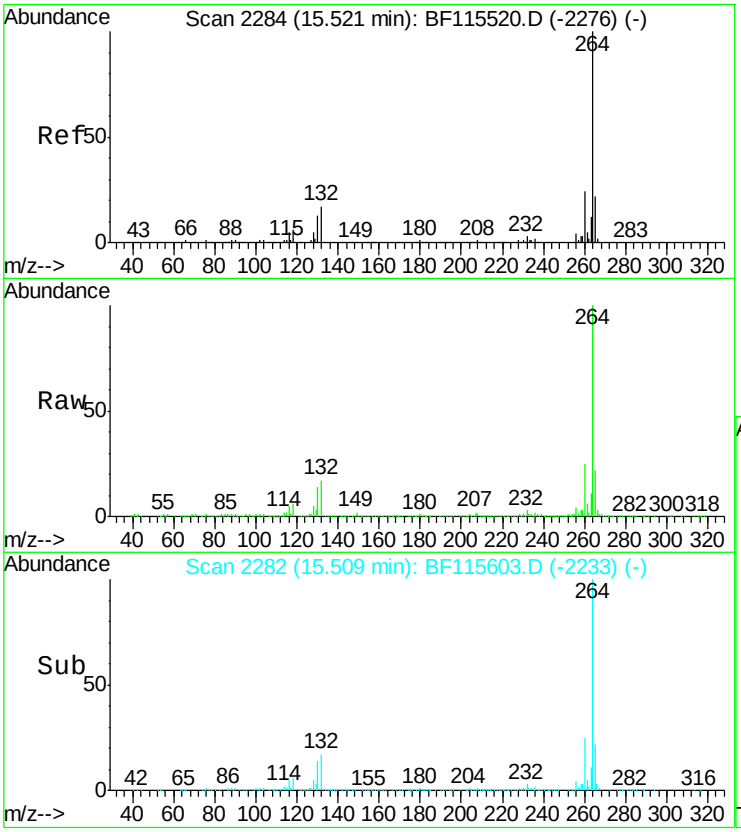


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.921 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.03 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Tgt Ion:276 Resp: 139103

Ion	Ratio	Lower	Upper
276	100		
138	21.1	20.2	30.2
277	24.1	20.4	30.6



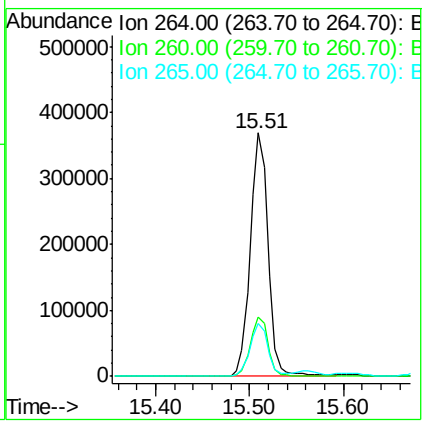


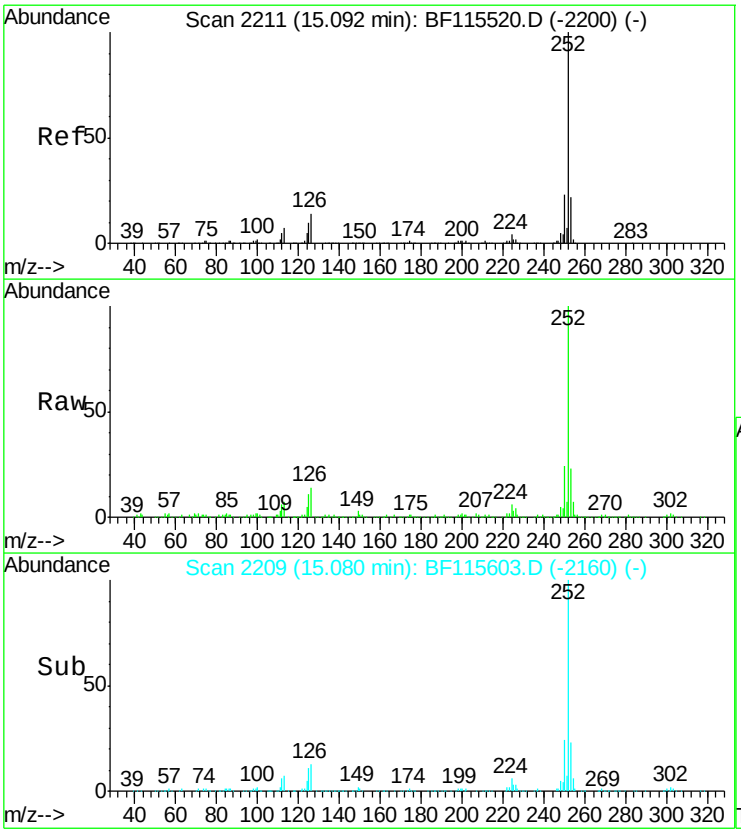
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 487408

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	21.8	17.7	26.5

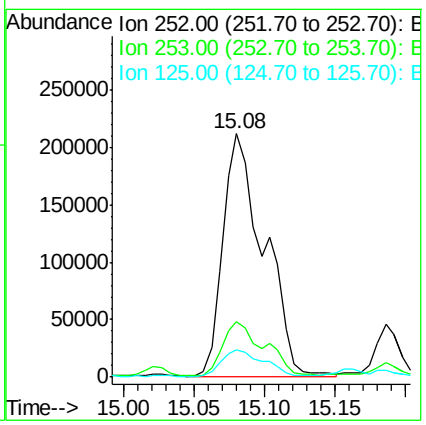


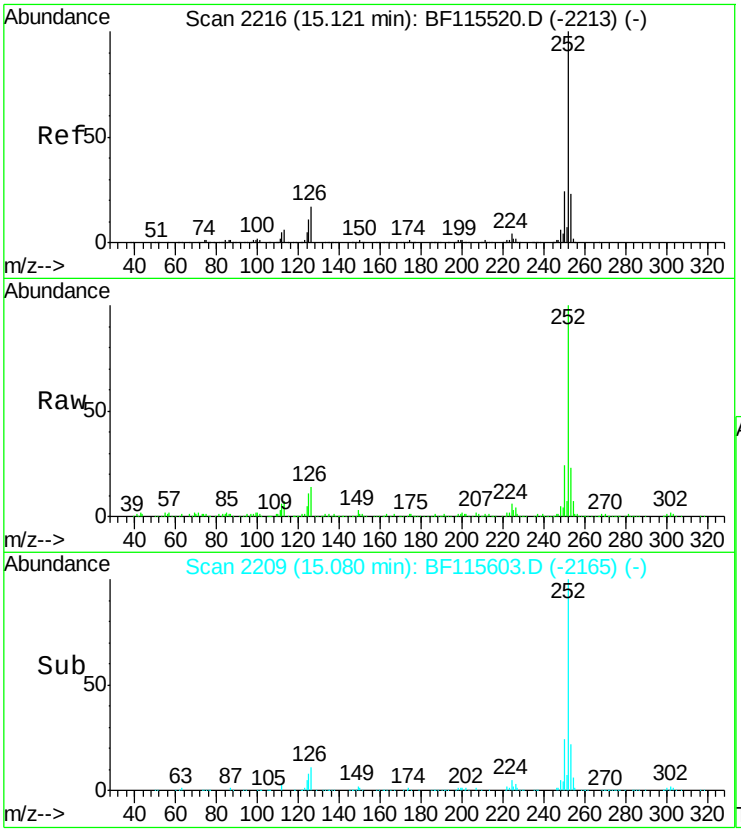


#88
Benzo(b)fluoranthene
Concen: 13.614 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Tgt Ion:252 Resp: 427285

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.0	9.0	13.4



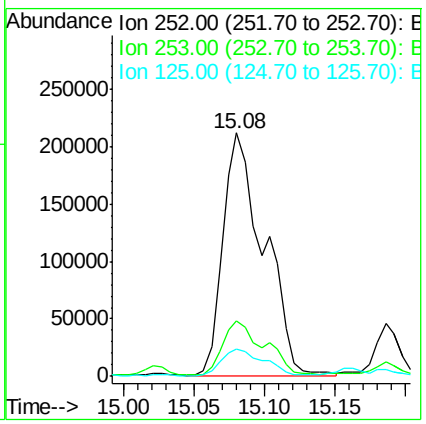


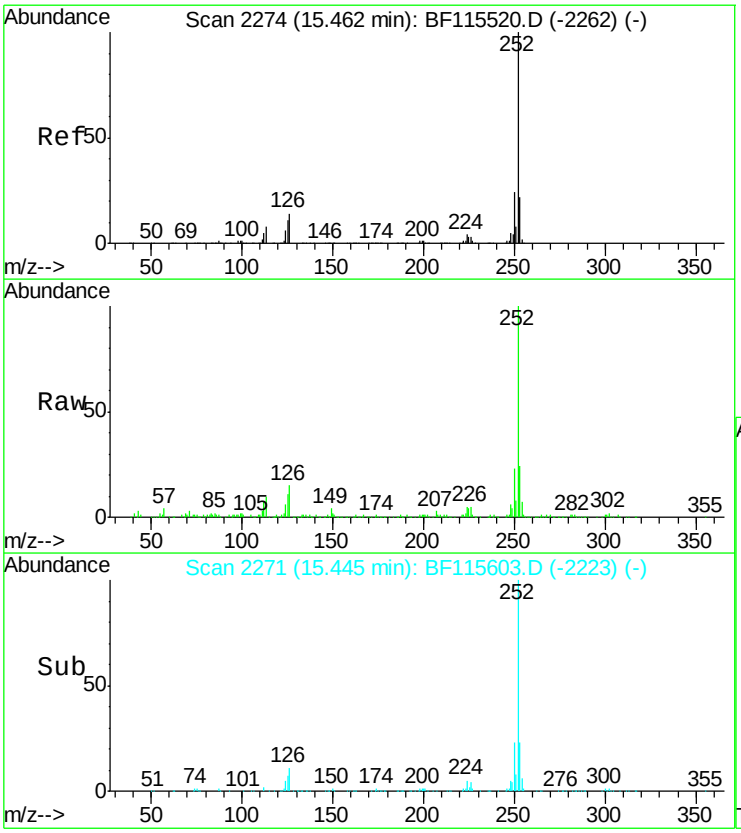
#89
Benzo(k)fluoranthene
Concen: 15.270 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 427285

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	28.0
125	11.0	9.0	13.6

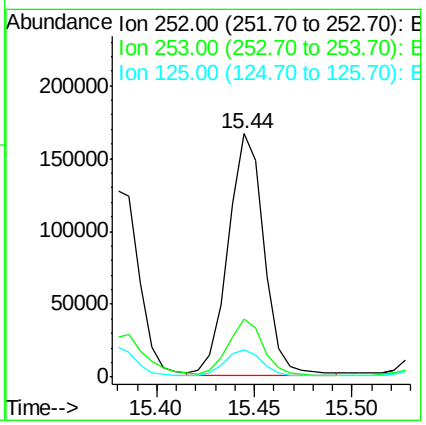


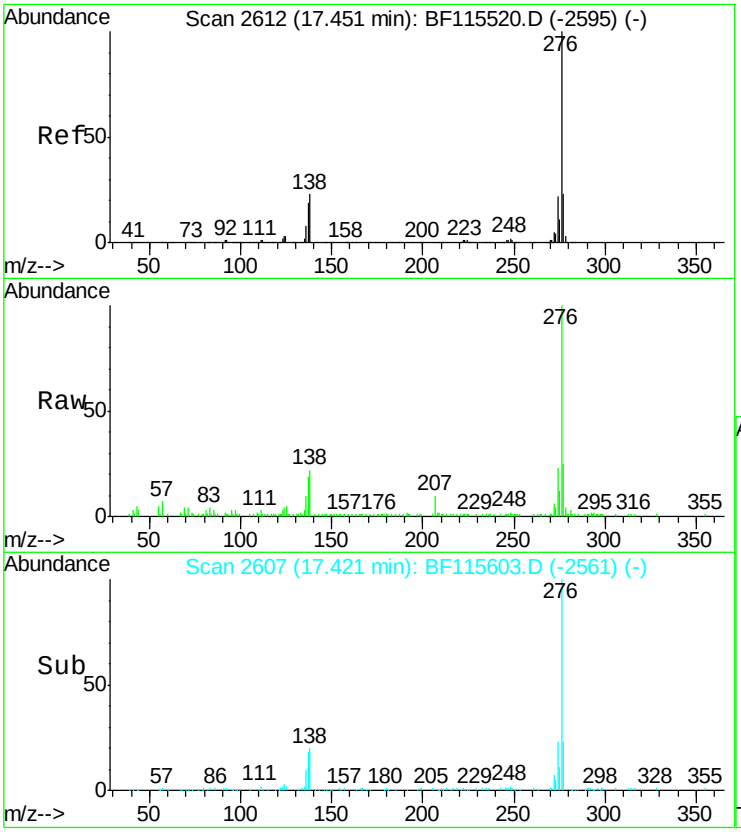


#90
Benzo(a)pyrene
Concen: 7.764 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Tgt Ion:252 Resp: 209423

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	11.1	9.1	13.7





#92
Benzo(g,h,i)perylene
Concen: 5.298 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.03 min
Lab File: BF115603.D
Acq: 16 Jul 2019 17:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 125118

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.0	28.4
138	21.7	17.2	25.8