Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115066.D
Acq On : 15 Jun 2019 3:02
Operator : HP/JU
Sample : K3366-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 15 04:57:44 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	263232	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	960888	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	434206	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	677491	20.00	ng	0.00
76) Chrysene-d12	13.79	240	425974	20.00	ng	0.00
87) Perylene-d12	15.17	264	356221	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	103966	6.59	ng	-0.01
7) Phenol-d6	6.28	99	130044	6.84	ng	-0.02
23) Nitrobenzene-d5	7.20	82	73355	4.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.46	330	21563	4.64	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	166989	6.52	ng	0.00
79) Terphenyl-d14	12.73	244	113064	4.99	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.17	77	168	Below Cal	#	1
35) Caprolactam	8.37	113	29570	6.435	ng	# 9
57) 2,4-Dinitrotoluene	9.67	165	60087	6.373	ng	# 30
58) Fluorene	10.22	166	7577	Below Cal	#	54
61) 4-Chlorophenyl-phenylether	10.23	204	1726	Below Cal	#	1
71) Phenanthrene	11.17	178	122721	3.508	ng	95
72) Anthracene	11.17	178	122721	3.478	ng	96
75) Fluoranthene	12.36	202	102150	2.856	ng	95
78) Pyrene	12.36	202	102150	2.632	ng	94
88) Benzo(b)fluoranthene	14.79	252	55757	2.355	ng	# 1
89) Benzo(k)fluoranthene	14.79	252	55757	2.683	ng	# 1

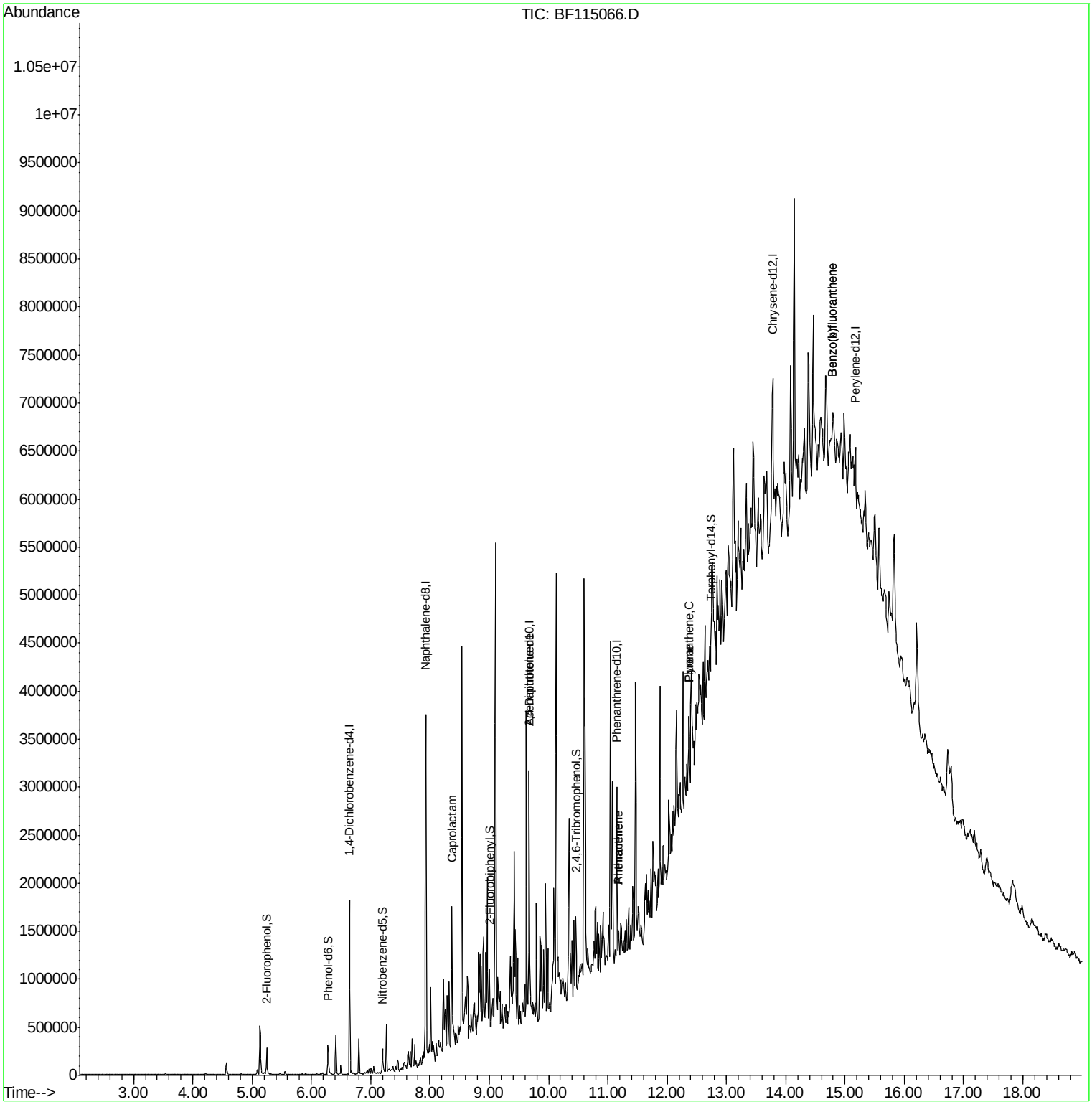
(#) = qualifier out of range (m) = manual integration (+) = signals summed

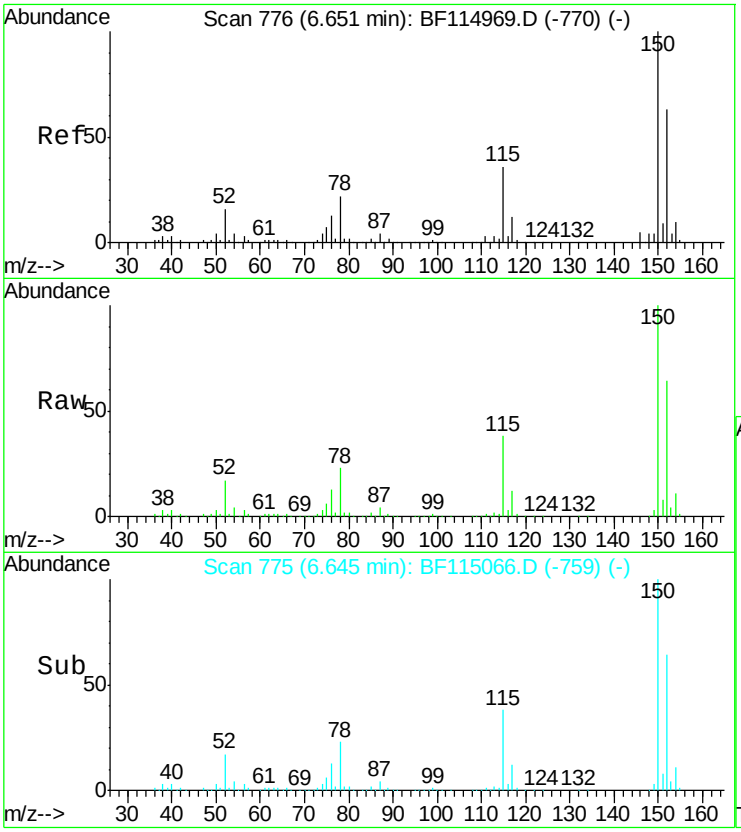
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115066.D
Acq On : 15 Jun 2019 3:02
Operator : HP/JU
Sample : K3366-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 15 04:57:44 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



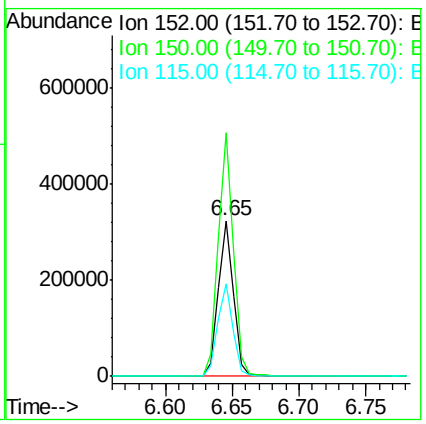


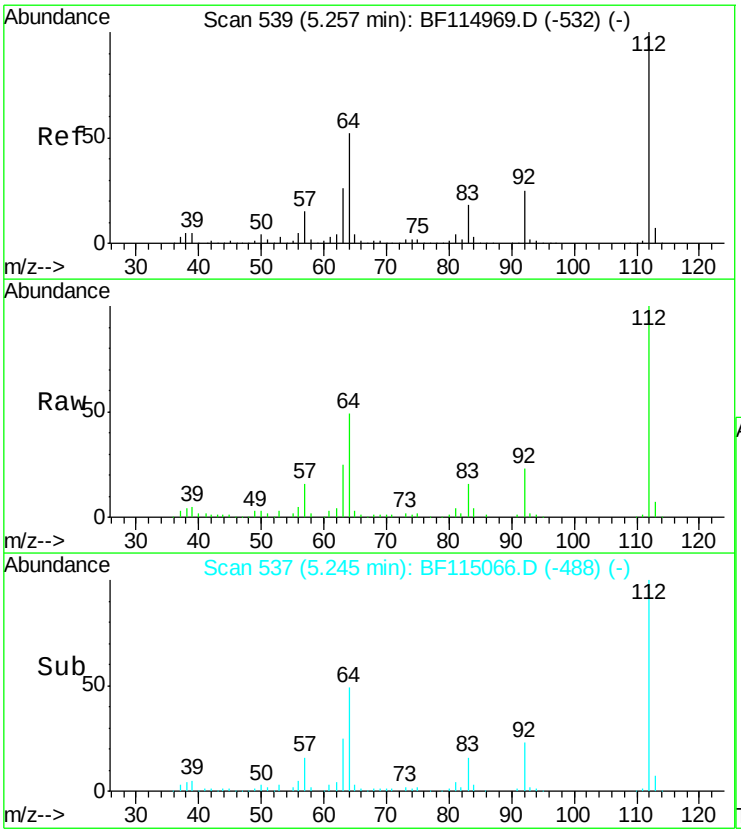
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 263232

Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.4	191.0
115	59.8	46.0	69.0

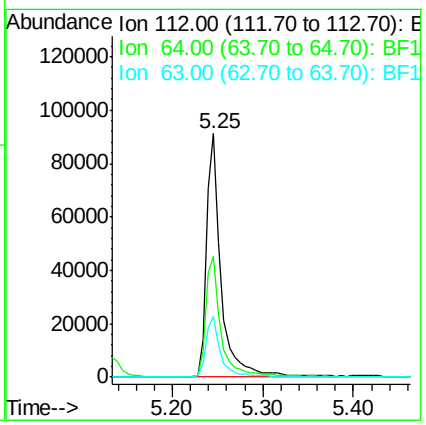


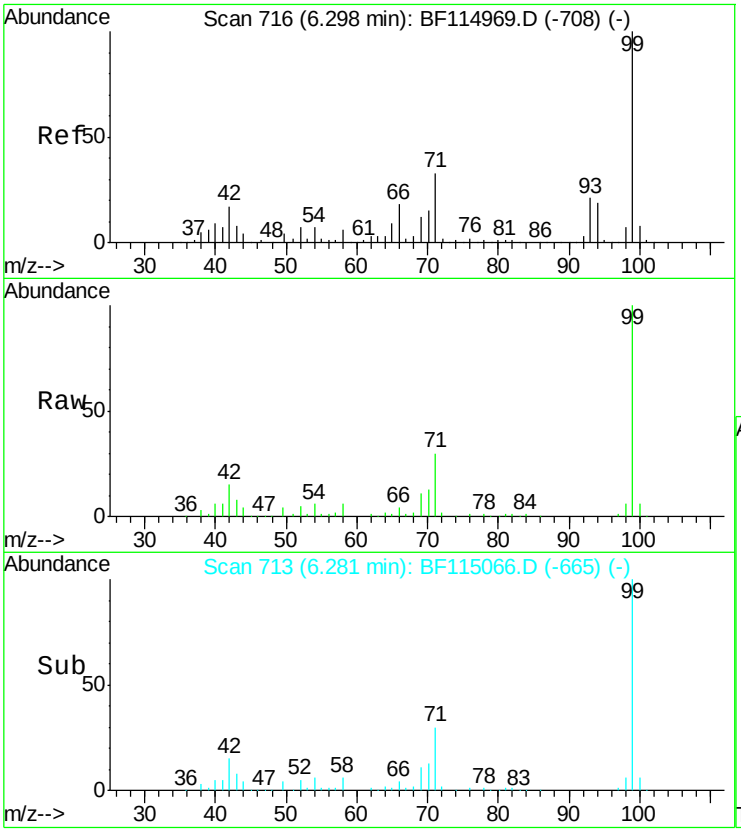


#5
2-Fluorophenol
Concen: 6.595 ng
RT: 5.25 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Tgt Ion:112 Resp: 103966

Ion	Ratio	Lower	Upper
112	100		
64	49.4	41.6	62.4
63	25.0	20.9	31.3



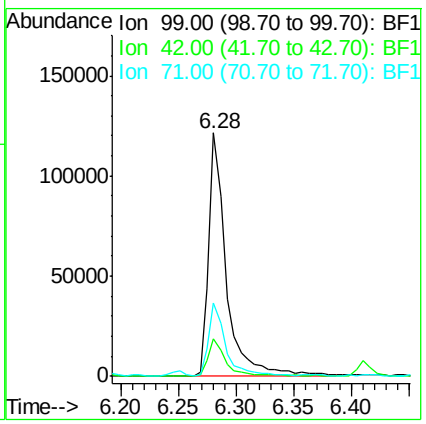


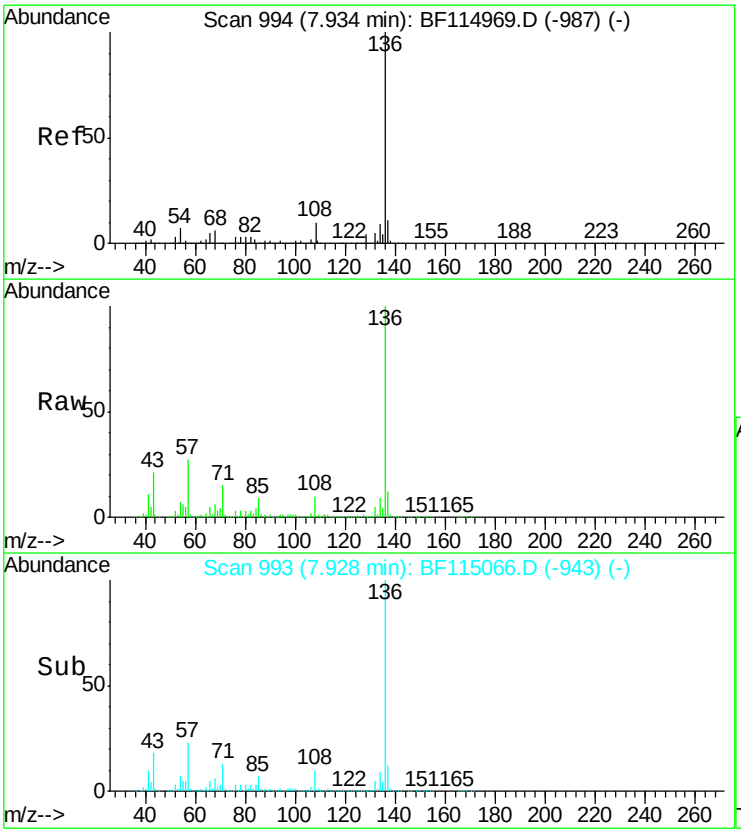
#7
Phenol-d6
Concen: 6.839 ng
RT: 6.28 min Scan# 713
Delta R.T. -0.02 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 130044

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.4	20.2
71	30.4	26.4	39.6

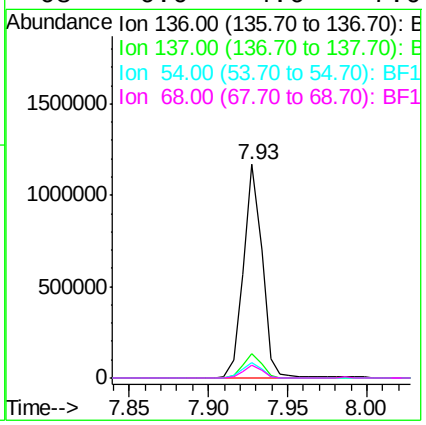


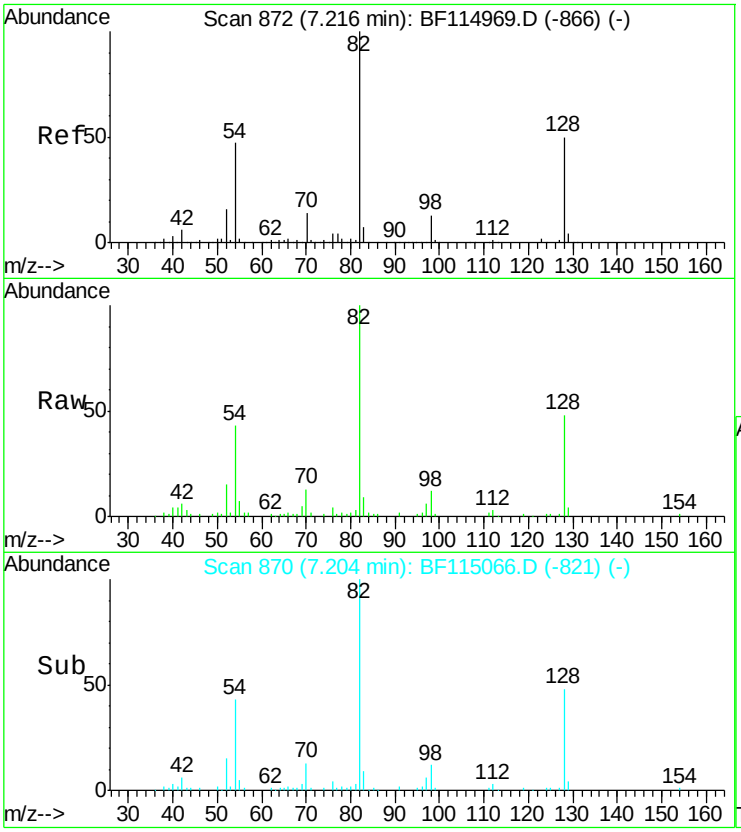


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Tgt Ion:136 Resp: 960888

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	7.0	5.4	8.0
68	6.0	4.6	7.0



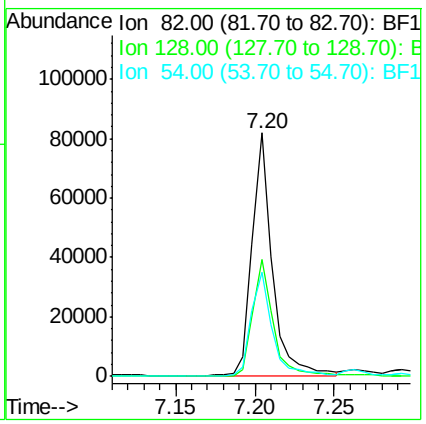


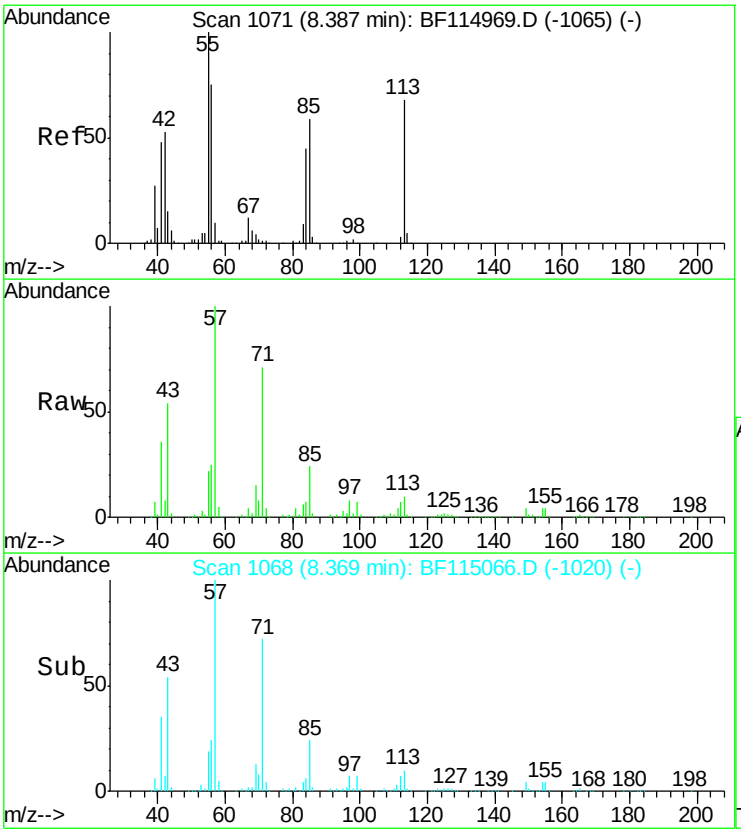
#23
Nitrobenzene-d5
Concen: 4.595 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 73355

Ion	Ratio	Lower	Upper
82	100		
128	47.8	39.9	59.9
54	42.8	37.3	55.9

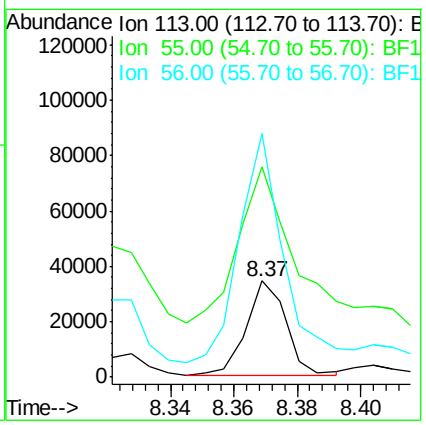


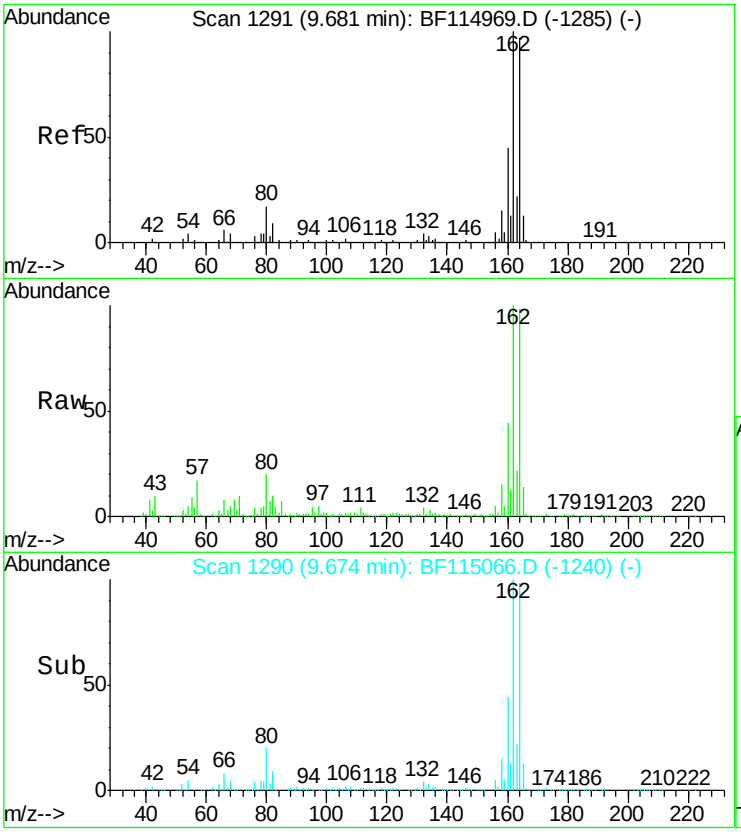


#35
Caprolactam
Concen: 6.435 ng
RT: 8.37 min Scan# 1068
Delta R.T. -0.02 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Tgt Ion:113 Resp: 29570

Ion	Ratio	Lower	Upper
113	100		
55	219.2	127.3	167.3#
56	253.6	90.6	130.6#



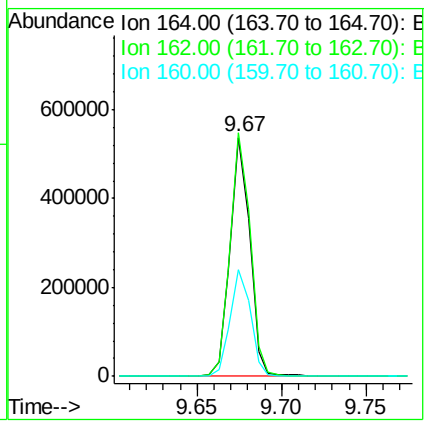


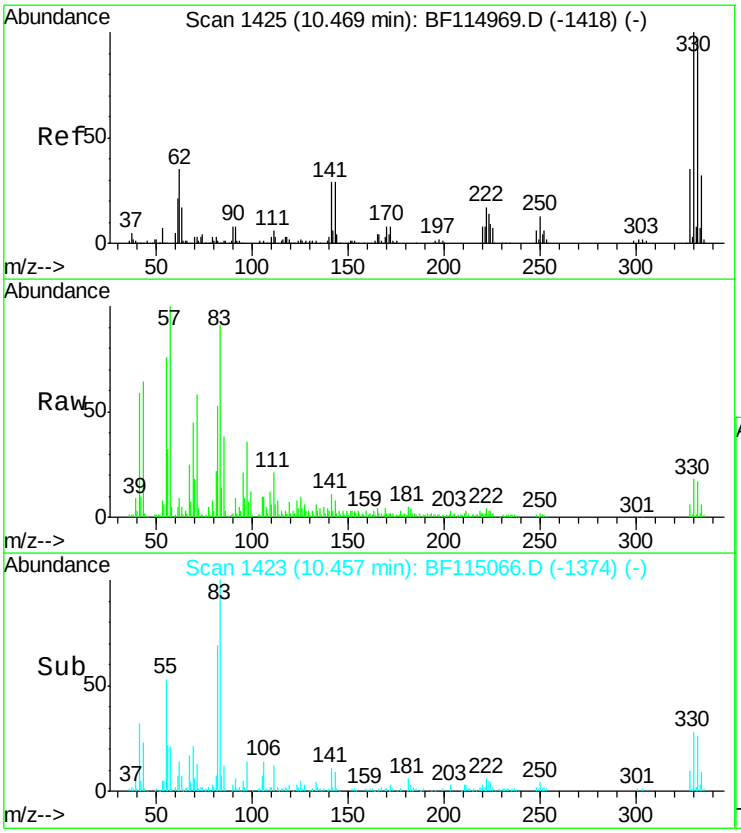
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 434206

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	124.0
160	44.5	36.9	55.3

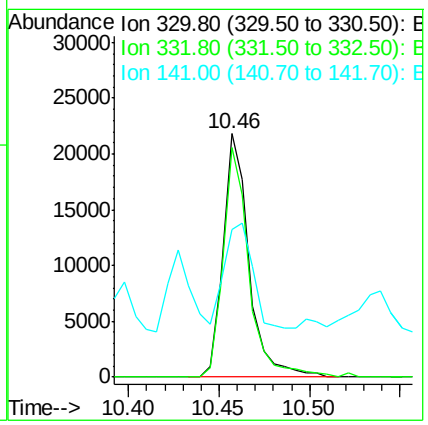


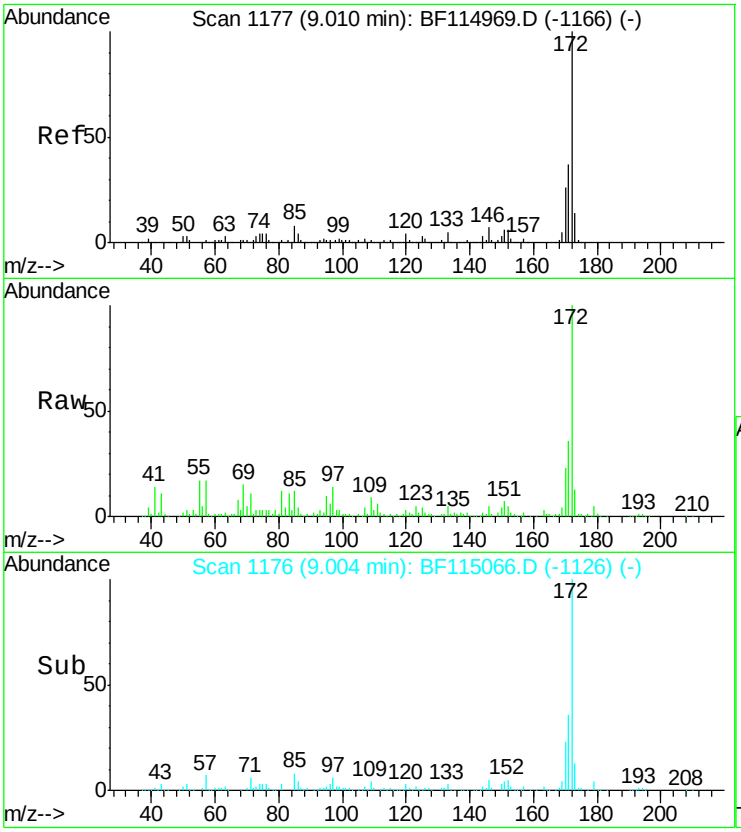


#42
2,4,6-Tribromophenol
Concen: 4.637 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Tgt Ion:330 Resp: 21563

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.6	116.4
141	46.8	27.2	40.8#



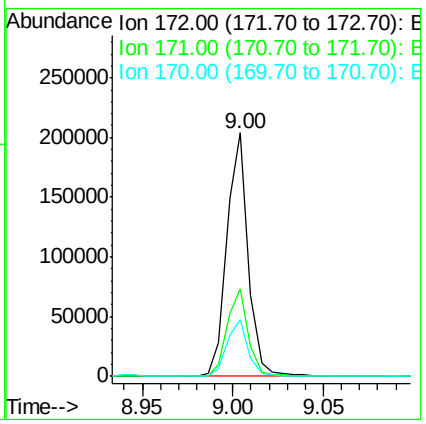


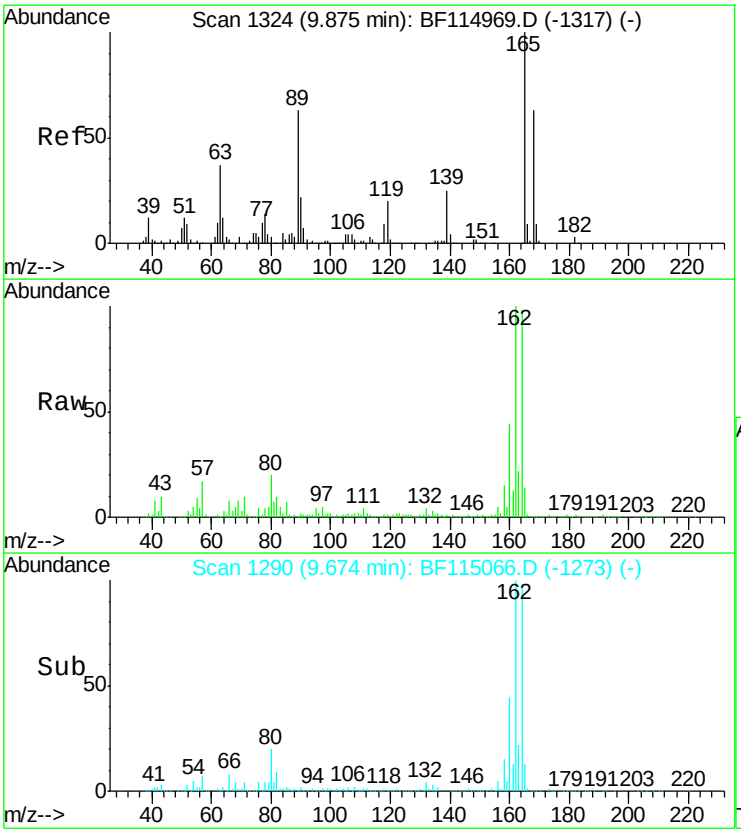
#45
2-Fluorobiphenyl
Concen: 6.518 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 166989

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.8	44.6
170	23.2	20.6	31.0

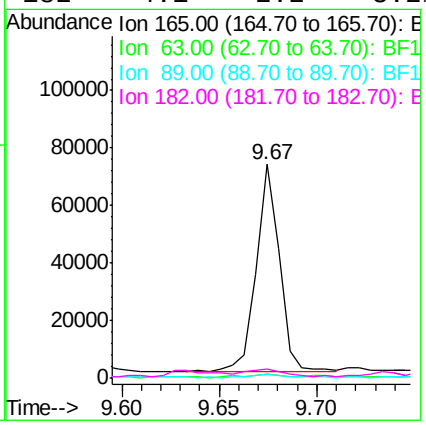


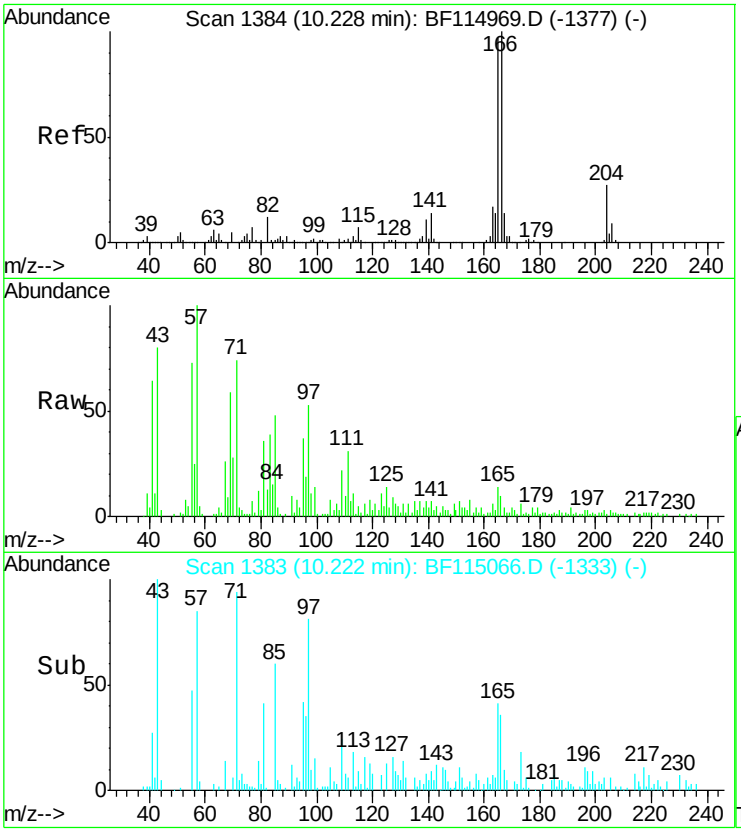


#57
2,4-Dinitrotoluene
Concen: 6.373 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.20 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Tgt Ion:165 Resp: 60087

Ion	Ratio	Lower	Upper
165	100		
63	1.5	29.4	44.2#
89	1.6	50.6	75.8#
182	4.1	2.2	3.2#



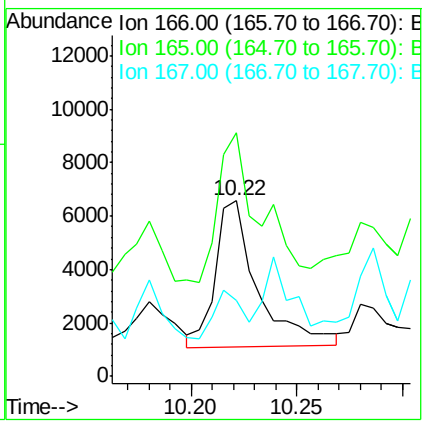


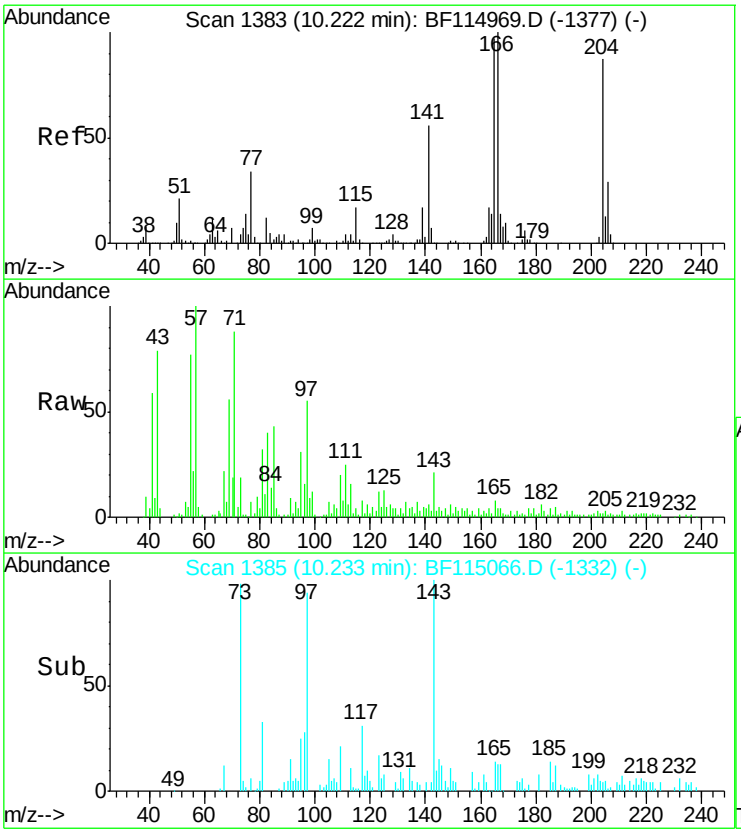
#58
Fluorene
Concen: Below Cal
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 7577

Ion	Ratio	Lower	Upper
166	100		
165	139.0	77.6	116.4#
167	43.2	11.0	16.4#

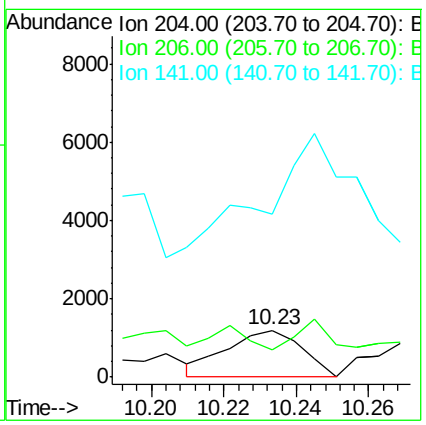


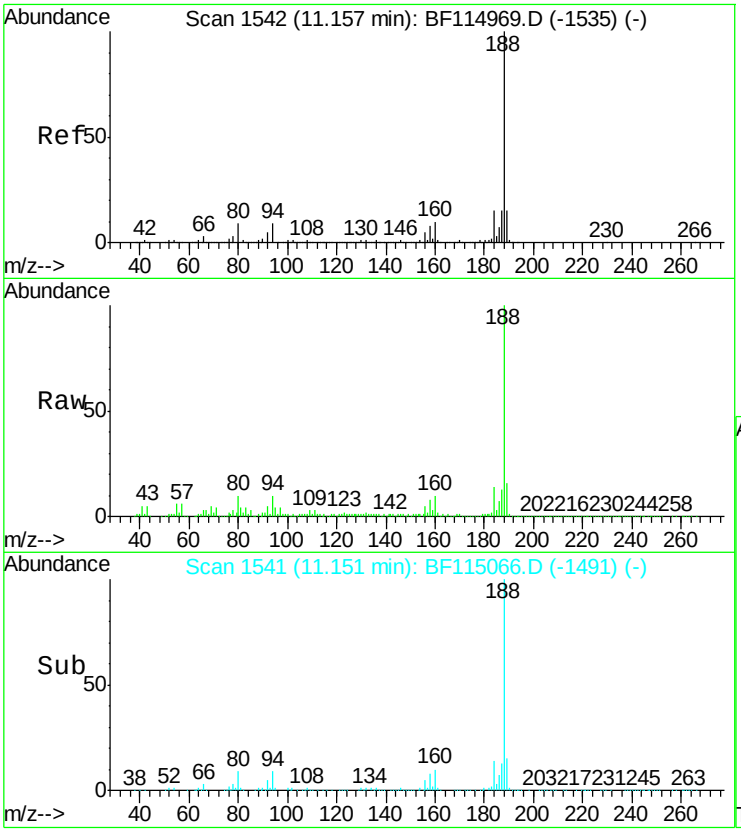


#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Tgt Ion:204 Resp: 1726

Ion	Ratio	Lower	Upper
204	100		
206	59.5	26.5	39.7#
141	348.6	51.8	77.8#



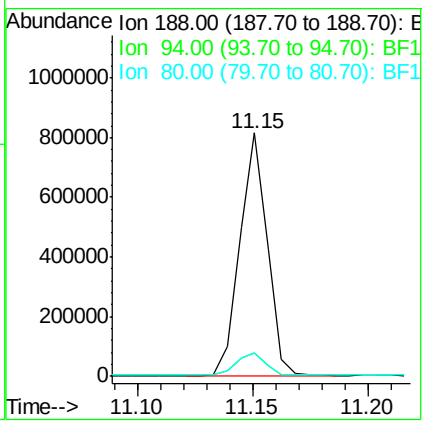


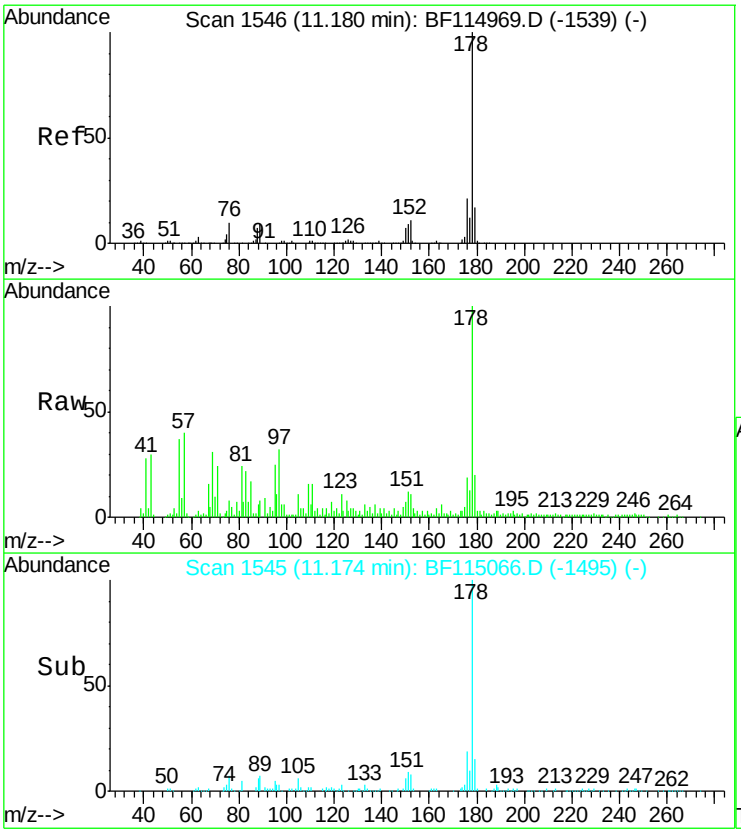
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 677491

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	9.9	7.4	11.2

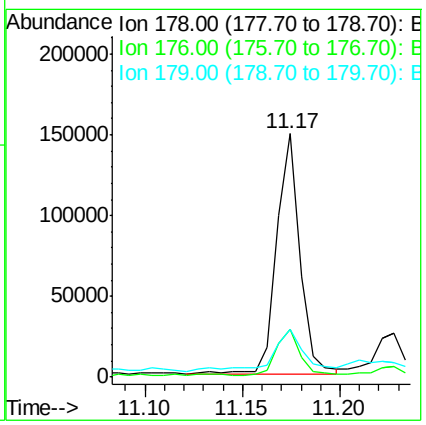


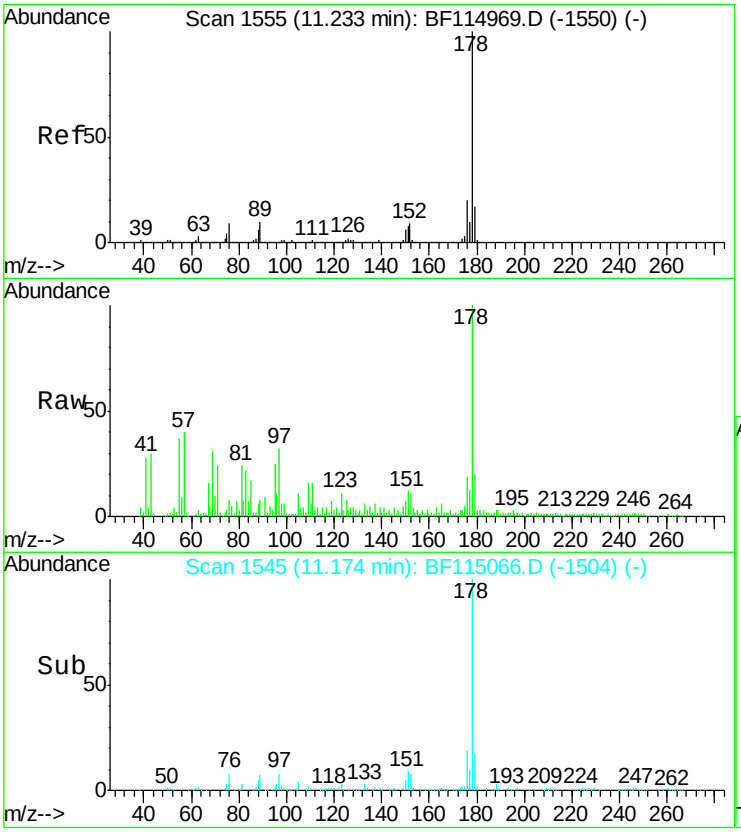


#71
Phenanthrene
Concen: 3.508 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Tgt Ion:178 Resp: 122721

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.9	25.3
179	19.7	13.4	20.0



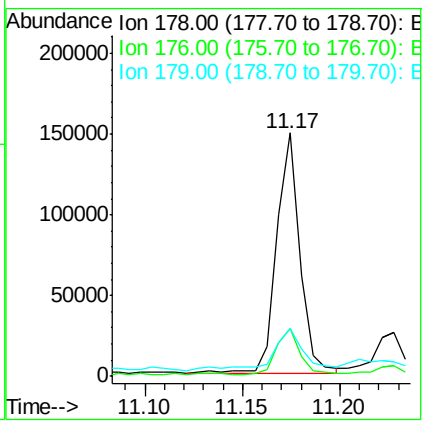


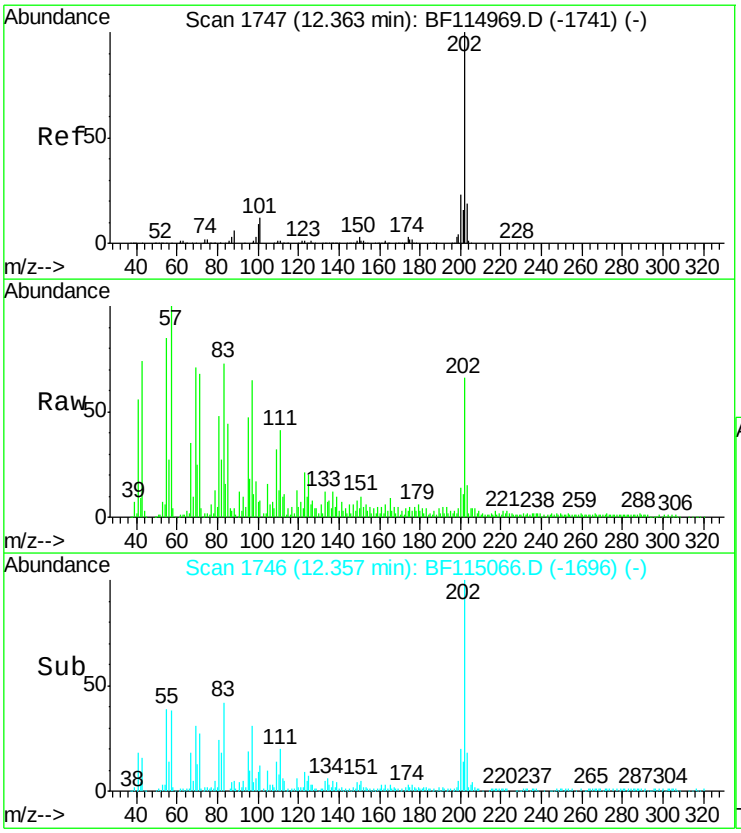
#72
Anthracene
Concen: 3.478 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.06 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 122721

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	19.7	13.2	19.8

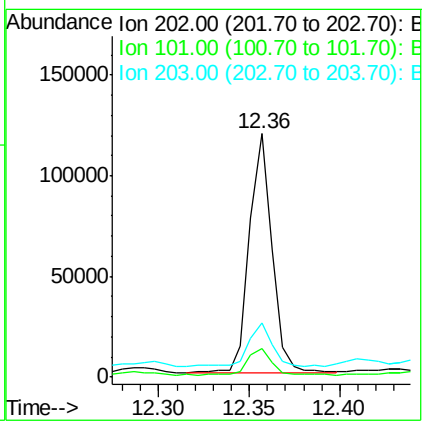


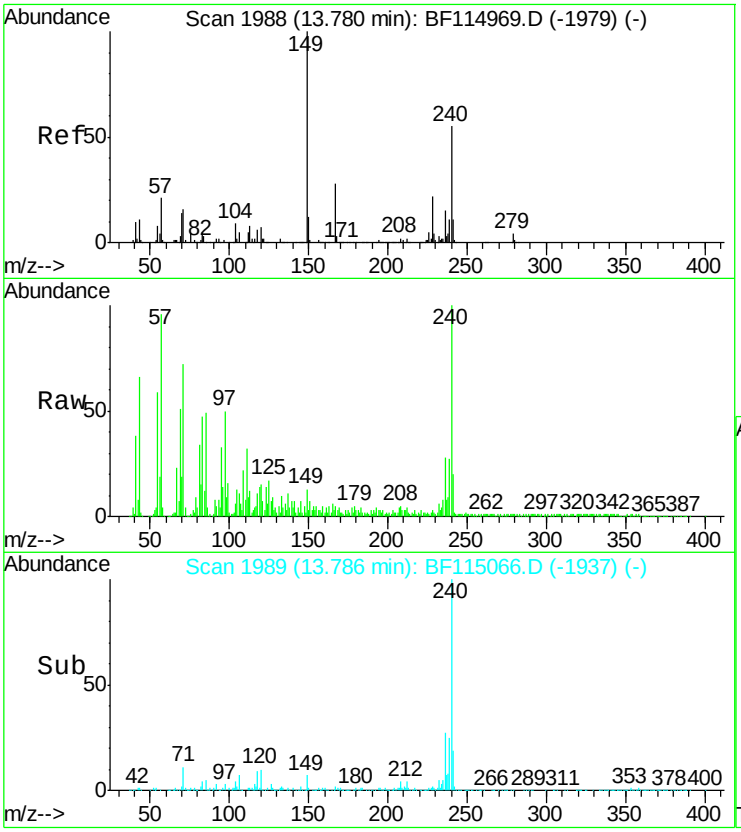


#75
Fluoranthene
Concen: 2.856 ng
RT: 12.36 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Tgt Ion:202 Resp: 102150

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.4
203	22.2	0.0	38.6



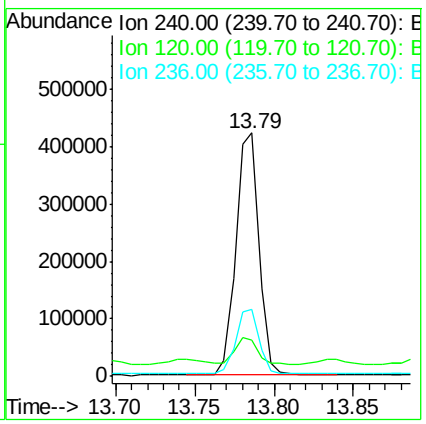


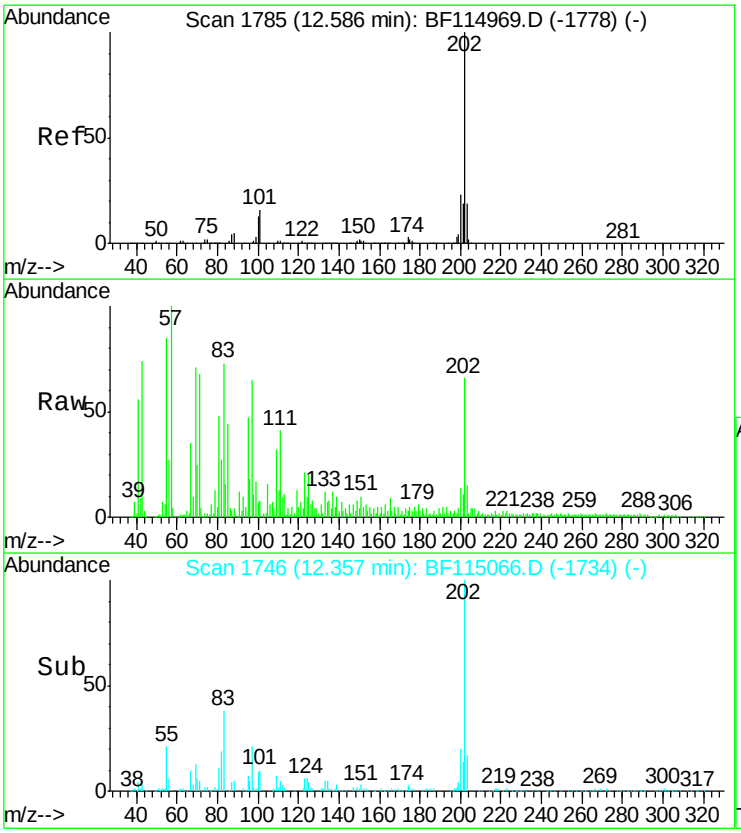
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 425974

Ion	Ratio	Lower	Upper
240	100		
120	14.8	10.0	15.0
236	27.7	21.6	32.4

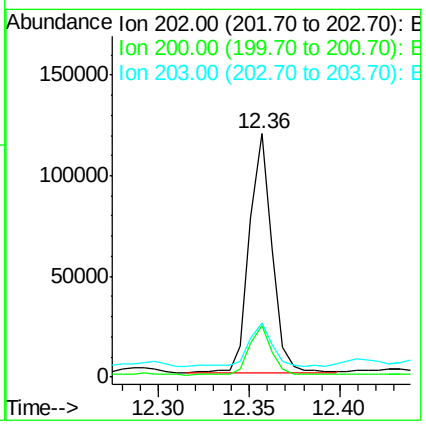


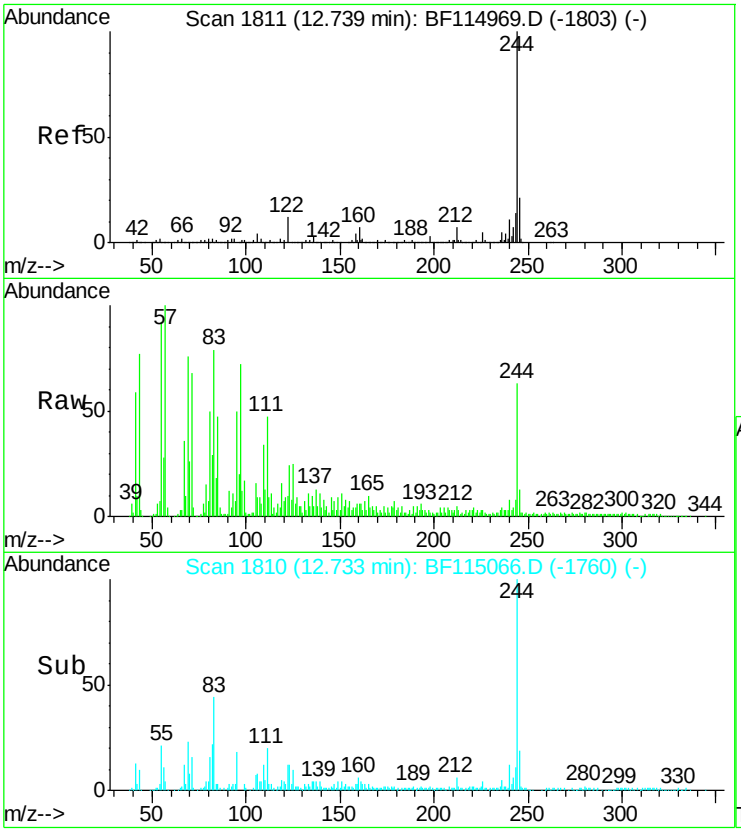


#78
Pyrene
Concen: 2.632 ng
RT: 12.36 min Scan# 1746
Delta R.T. -0.23 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Tgt Ion:202 Resp: 102150

Ion	Ratio	Lower	Upper
202	100		
200	20.9	18.4	27.6
203	22.2	14.9	22.3



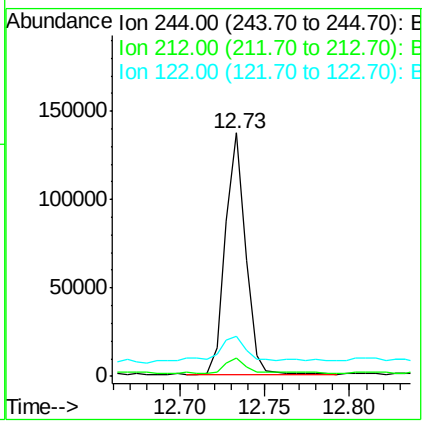


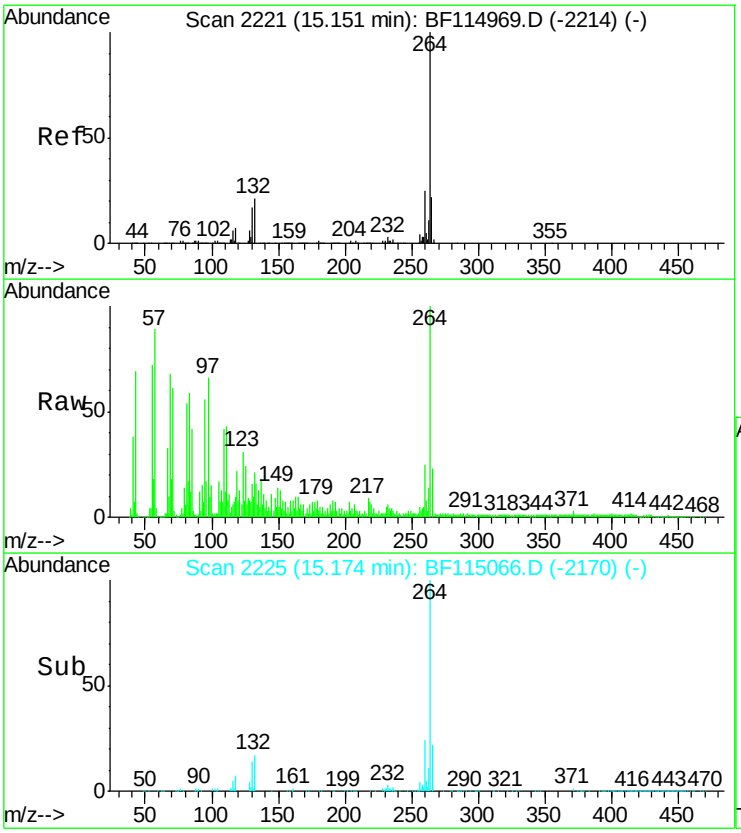
#79
Terphenyl-d14
Concen: 4.992 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 113064

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	16.7	9.4	14.0#

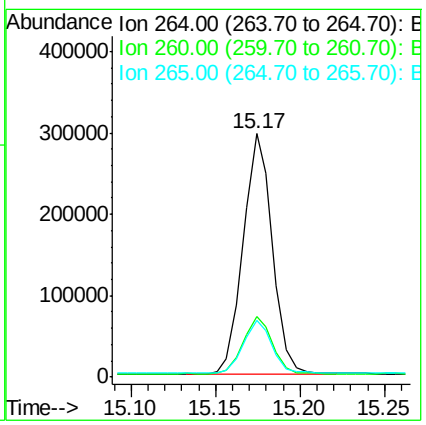


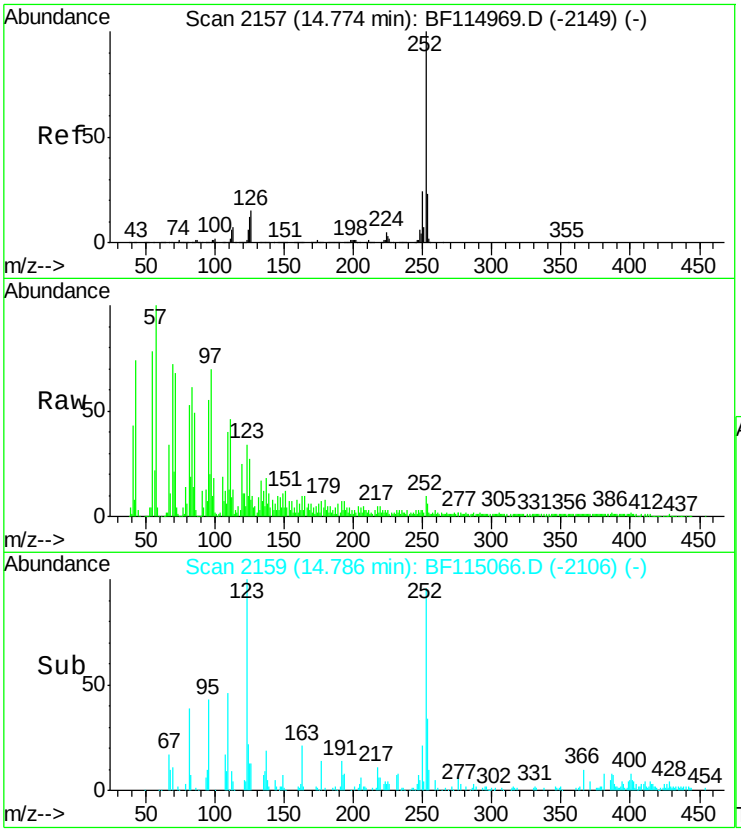


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.02 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Tgt Ion:264 Resp: 356221

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	23.3	17.6	26.4



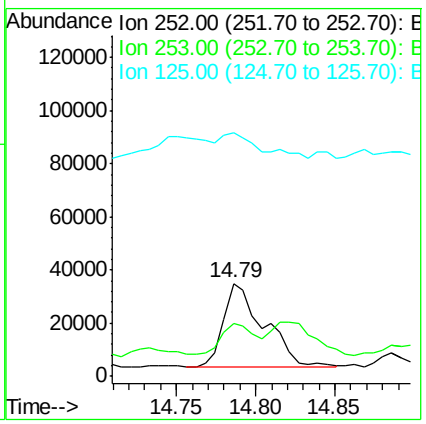


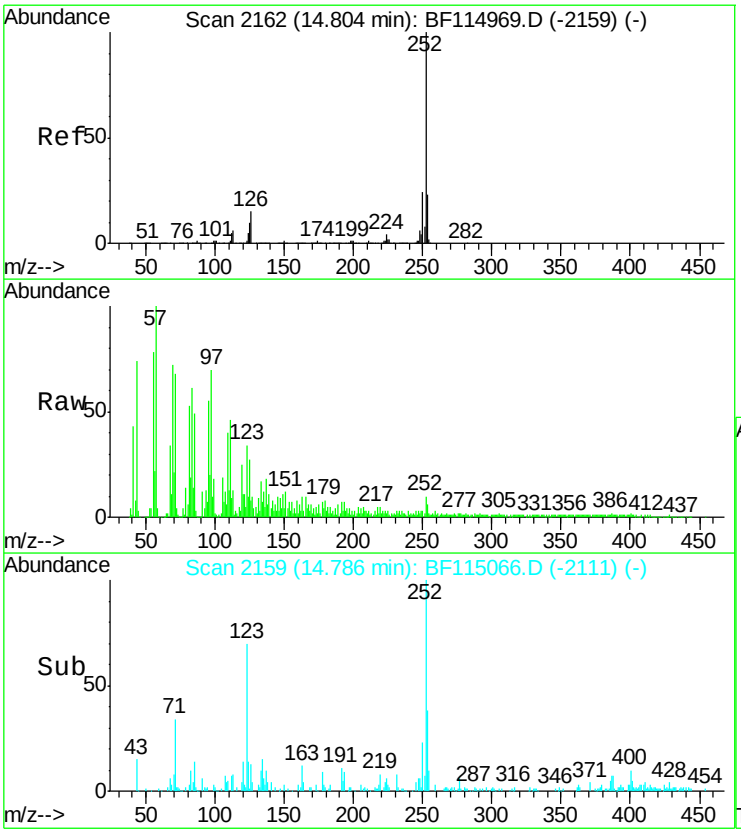
#88
Benzo(b)fluoranthene
Concen: 2.355 ng
RT: 14.79 min Scan# 2159
Delta R.T. 0.01 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 55757

Ion	Ratio	Lower	Upper
252	100		
253	57.5	18.1	27.1#
125	263.0	9.4	14.0#





#89
Benzo(k)fluoranthene
Concen: 2.683 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BF115066.D
Acq: 15 Jun 2019 3:02

Tgt Ion:252 Resp: 55757

Ion	Ratio	Lower	Upper
252	100		
253	57.5	18.0	27.0#
125	263.0	8.2	12.4#