Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116679.D
Acq On : 31 Aug 2019 4:40
Operator : HP/JU
Sample : K4517-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 31 06:37:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	111384	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	438410	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	223609	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	335431	20.00	ng		0.00
76) Chrysene-d12	13.99	240	224580	20.00	ng		0.00
87) Perylene-d12	15.44	264	258290	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	831702	120.97	ng		0.00
7) Phenol-d6	6.48	99	1149585	127.33	ng		0.00
23) Nitrobenzene-d5	7.40	82	739338	96.27	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	197501	132.12	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1098081	82.84	ng		0.00
79) Terphenyl-d14	12.95	244	945333	77.87	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	42004	4.202	ng		94
19) n-Nitroso-di-n-propylamine	7.40	70	99122	16.675	ng	#	73
25) Isophorone	7.40	82	739447	47.517	ng	#	66
50) Dimethylphthalate	9.59	163	121633	7.879	ng		98
57) 2,4-Dinitrotoluene	9.88	165	28138	7.813	ng	#	22
65) 4,6-Dinitro-2-methylphenol	10.66	198	399	7.724	ng	#	1
71) Phenanthrene	11.39	178	42200	2.260	ng	#	87
75) Fluoranthene	12.57	202	107520	5.859	ng		96
78) Pyrene	12.57	202	107520	5.386	ng		96
81) Benzo(a)anthracene	13.98	228	38172	2.686	ng		97
83) Chrysene	13.98	228	38172	2.607	ng		98
84) Bis(2-ethylhexyl)phthalate	13.98	149	47532	3.966	ng		99
86) Indeno(1,2,3-cd)pyrene	16.87	276	33501	2.848	ng	#	91
88) Benzo(b)fluoranthene	15.02	252	101093	6.474	ng	#	94
89) Benzo(k)fluoranthene	15.02	252	101093	7.100	ng	#	95
90) Benzo(a)pyrene	15.38	252	44872	3.303	ng	#	91
92) Benzo(g,h,i)perylene	17.31	276	32553	2.684	ng	#	93

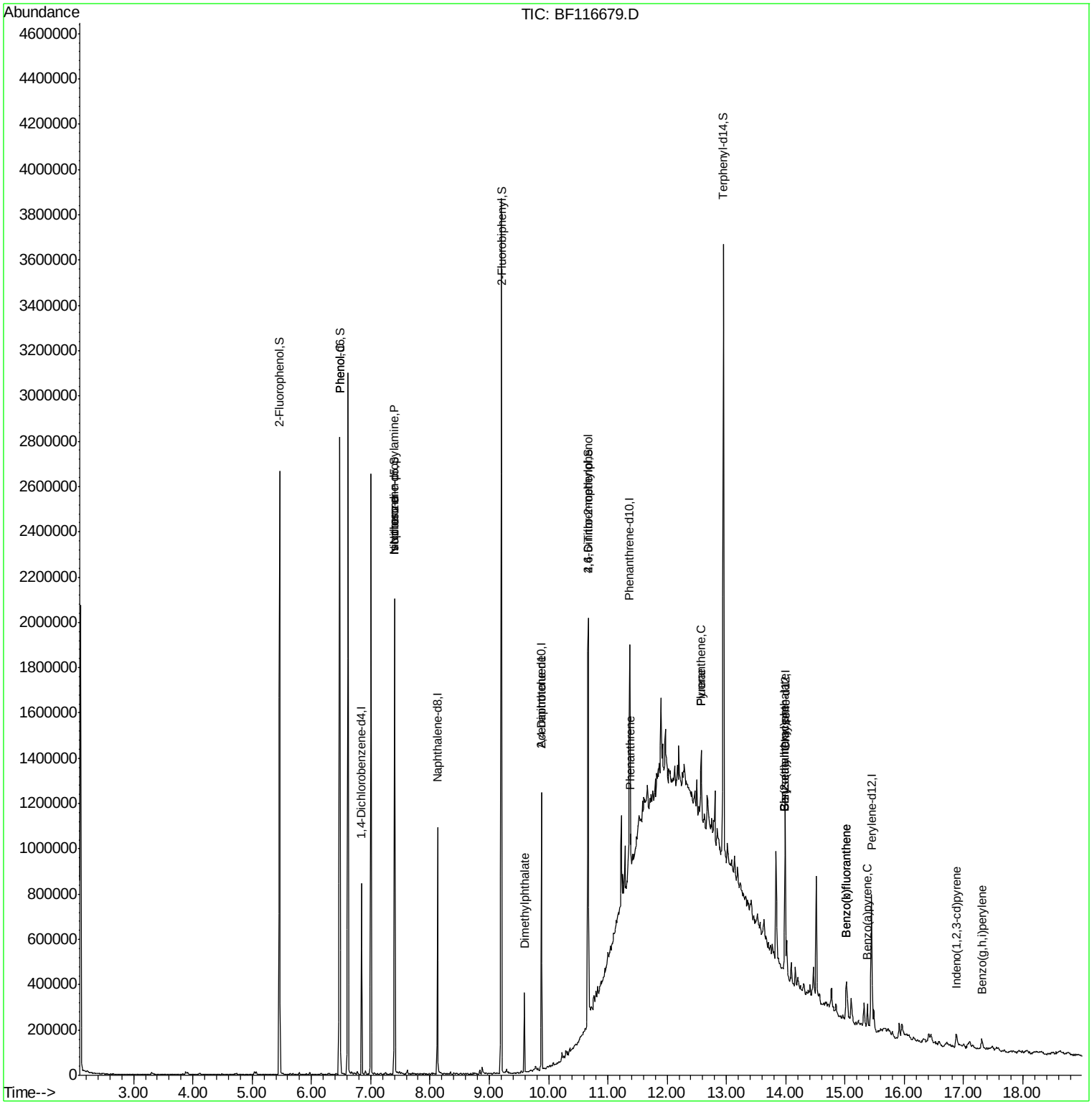
(#) = qualifier out of range (m) = manual integration (+) = signals summed

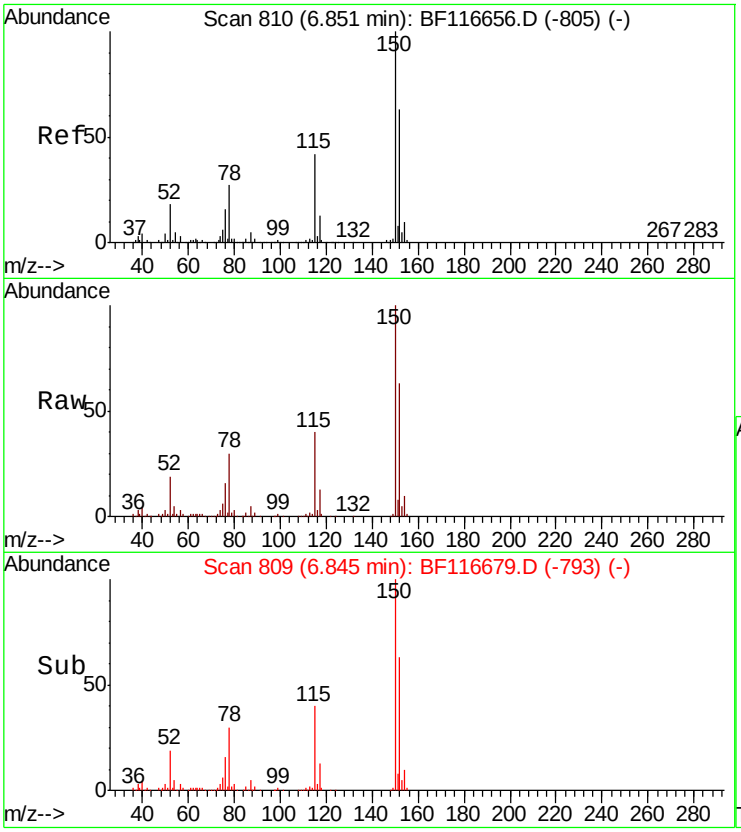
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116679.D
Acq On : 31 Aug 2019 4:40
Operator : HP/JU
Sample : K4517-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 31 06:37:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration



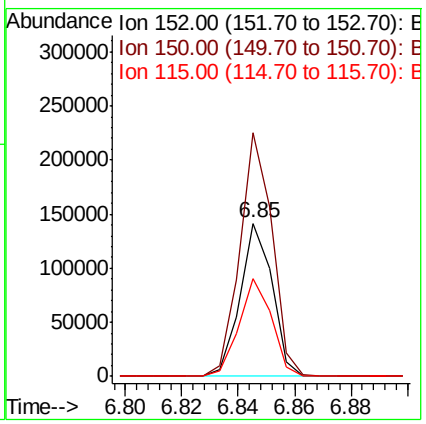


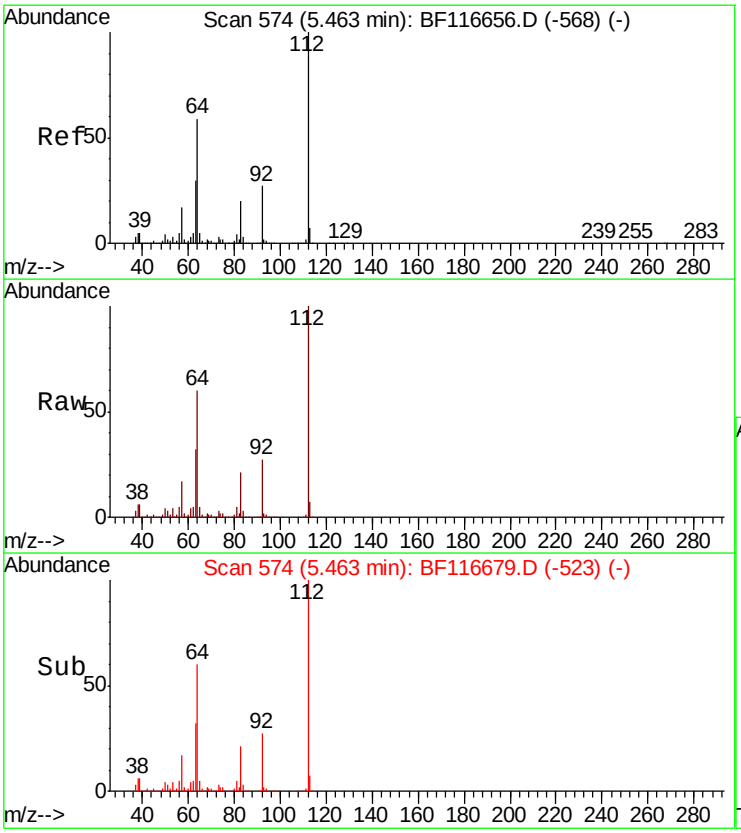
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 111384

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.4	186.6
115	63.9	49.9	74.9

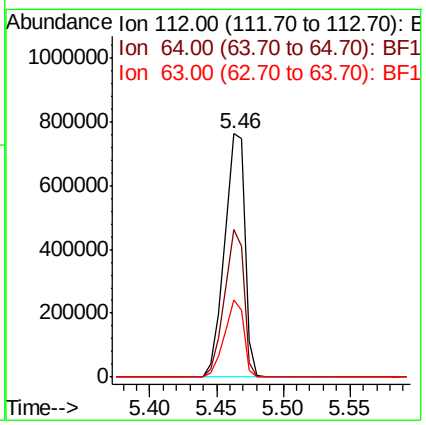


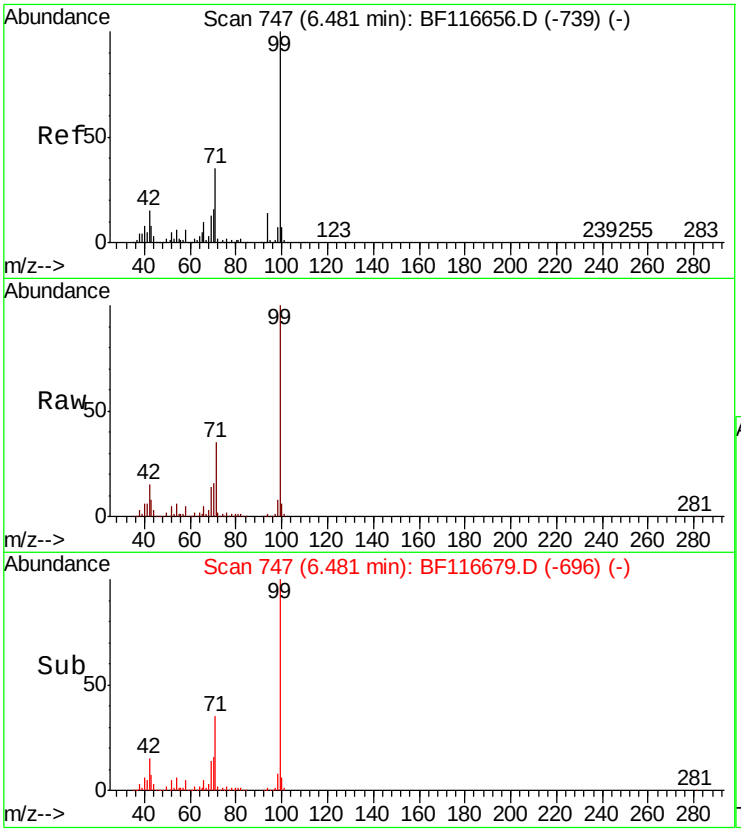


#5
2-Fluorophenol
Concen: 120.969 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Tgt Ion:112 Resp: 831702

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.1	70.7
63	31.6	24.9	37.3



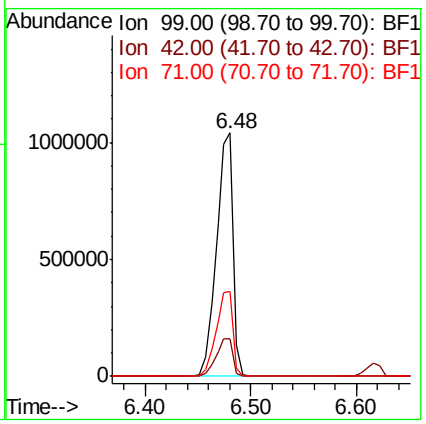


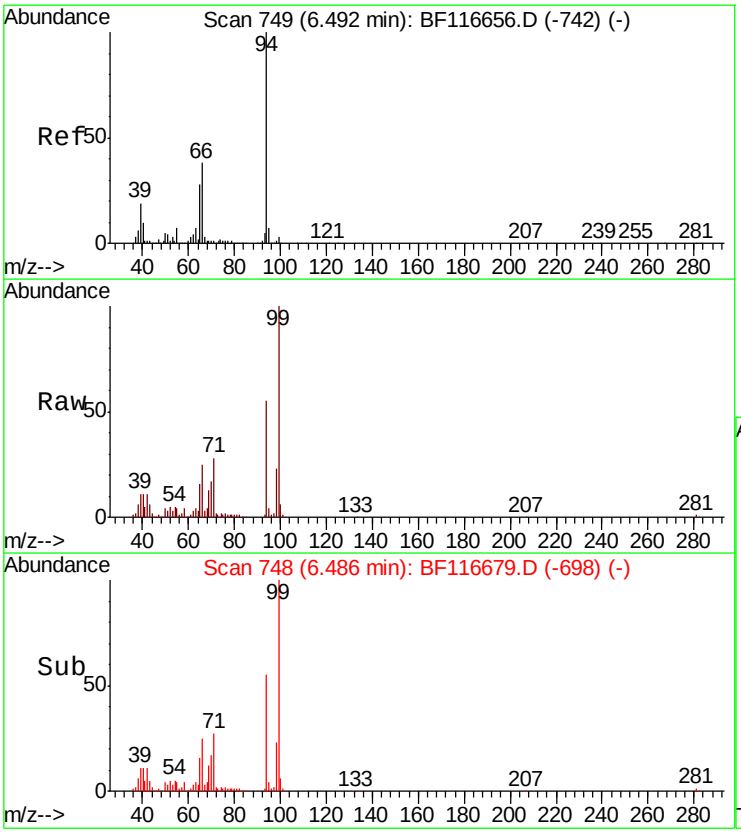
#7
Phenol-d6
Concen: 127.335 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1149585

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.7	20.5
71	35.1	30.8	46.2

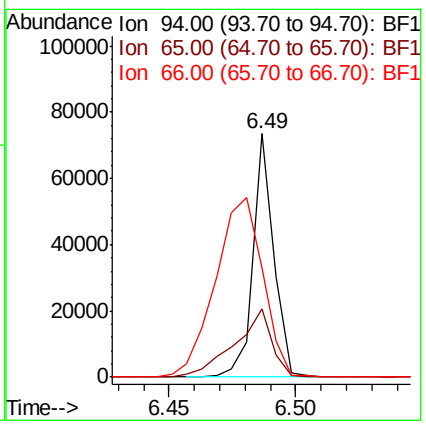


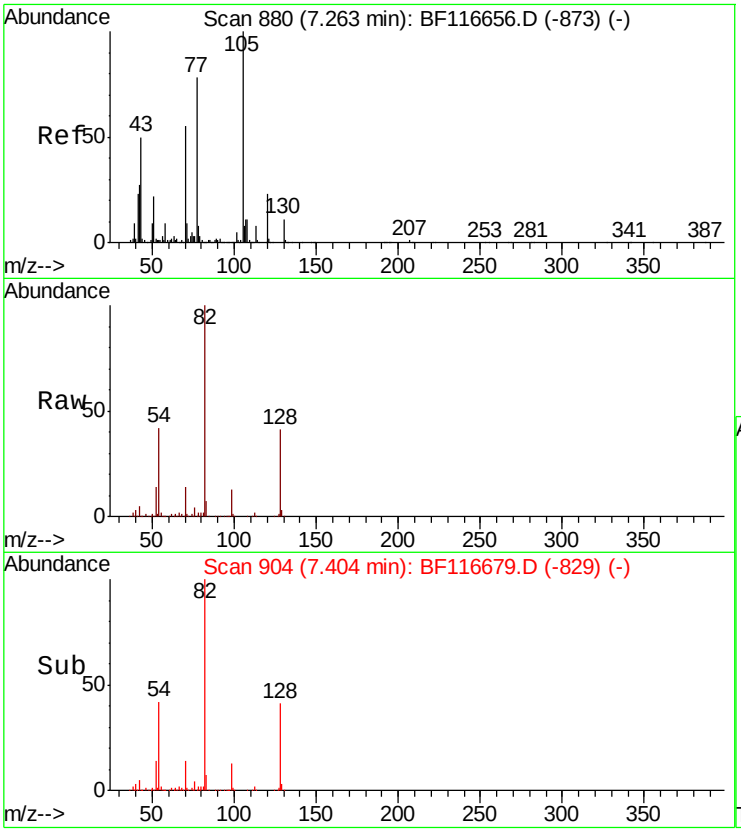


#10
Phenol
Concen: 4.202 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Tgt Ion: 94 Resp: 42004

Ion	Ratio	Lower	Upper
94	100		
65	28.2	10.8	50.8
66	44.9	21.1	61.1



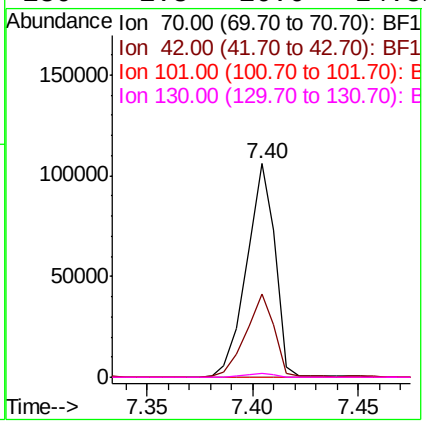


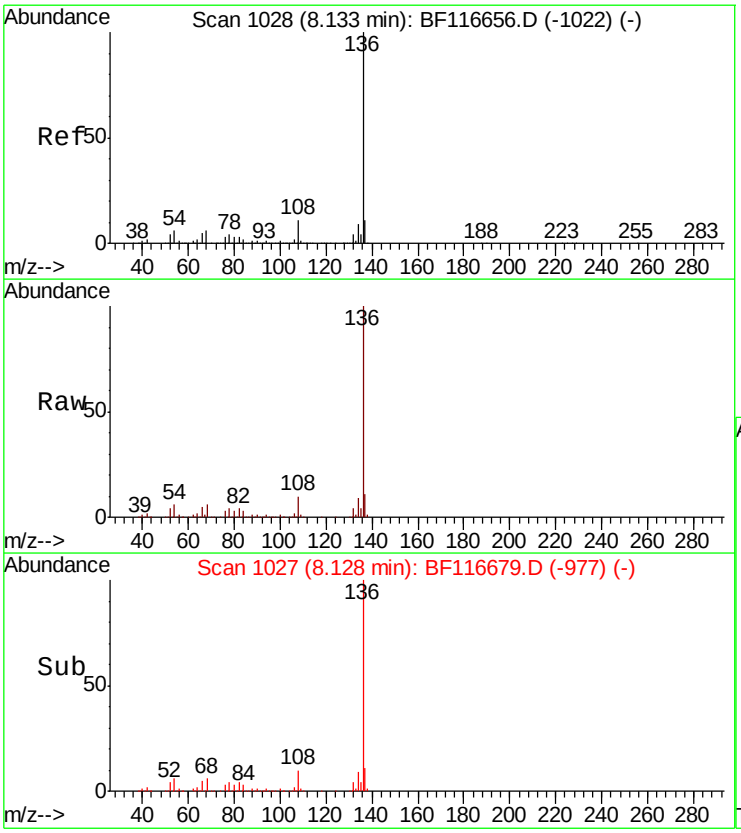
#19
n-Nitroso-di-n-propylamine
Concen: 16.675 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 99122

Ion	Ratio	Lower	Upper
70	100		
42	38.9	43.5	65.3#
101	0.0	7.8	11.6#
130	1.8	16.6	24.8#

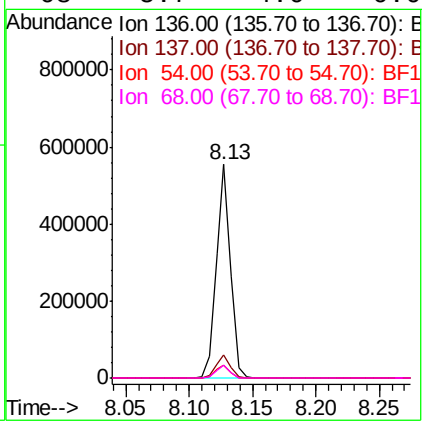


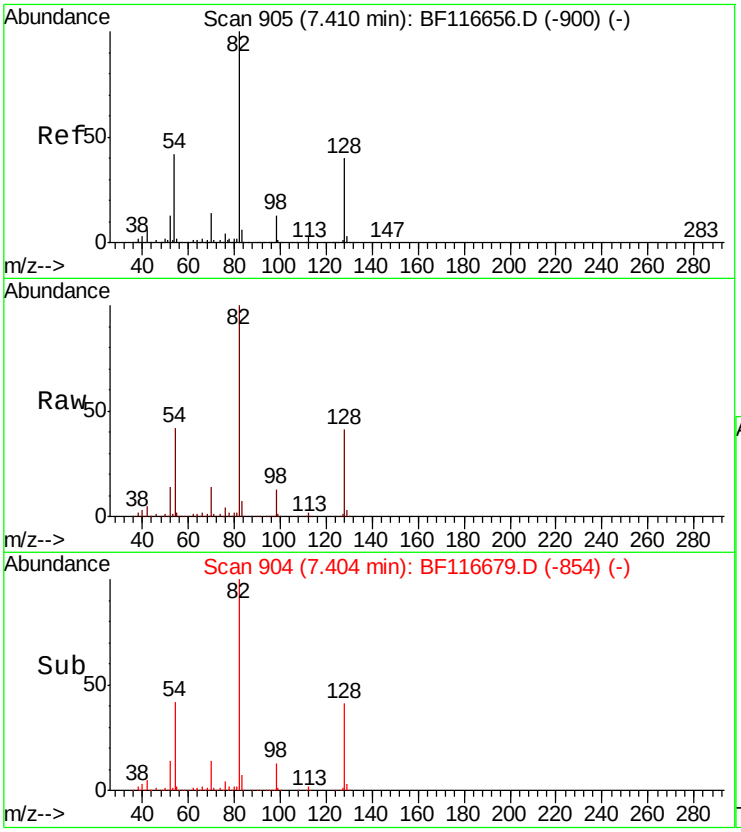


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Tgt Ion:136 Resp: 438410

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.0	4.8	7.2
68	5.7	4.0	6.0



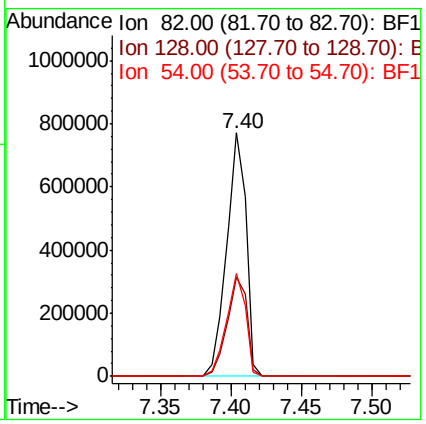


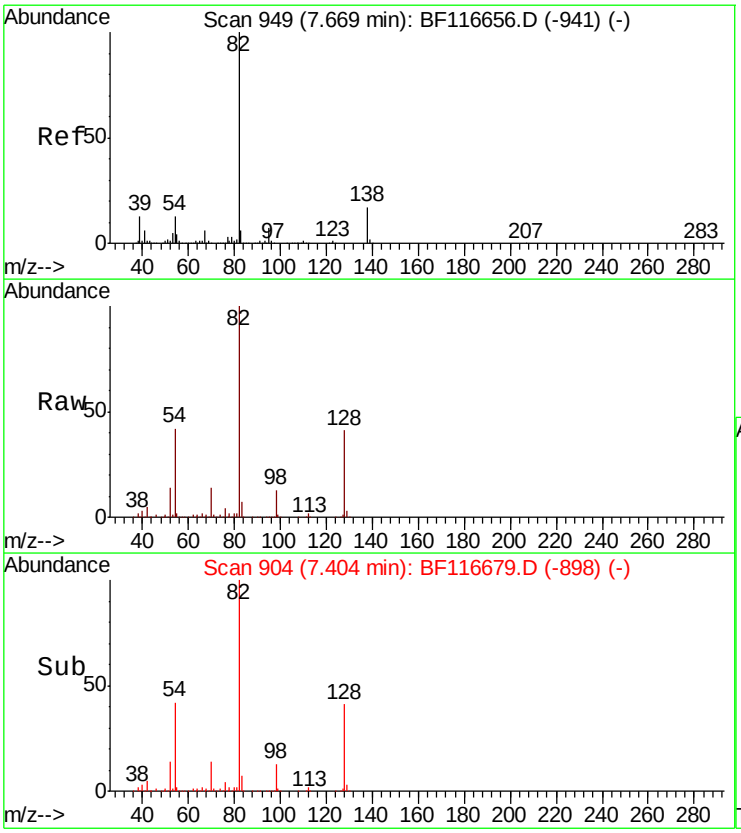
#23
Nitrobenzene-d5
Concen: 96.273 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 739338

Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.8	49.2
54	42.3	36.9	55.3

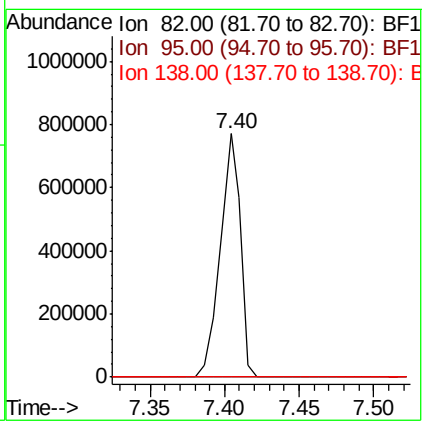


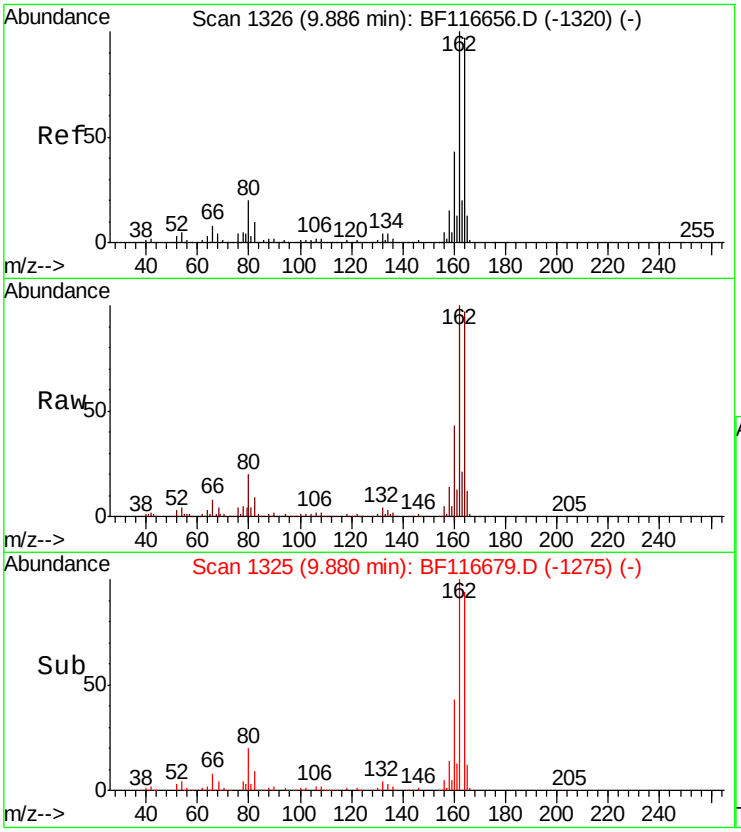


#25
Isophorone
Concen: 47.517 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Tgt Ion: 82 Resp: 739447

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	13.5	20.3#



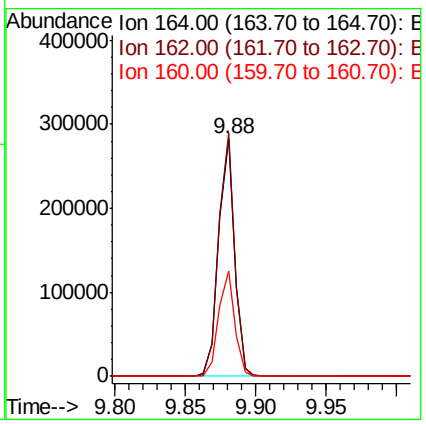


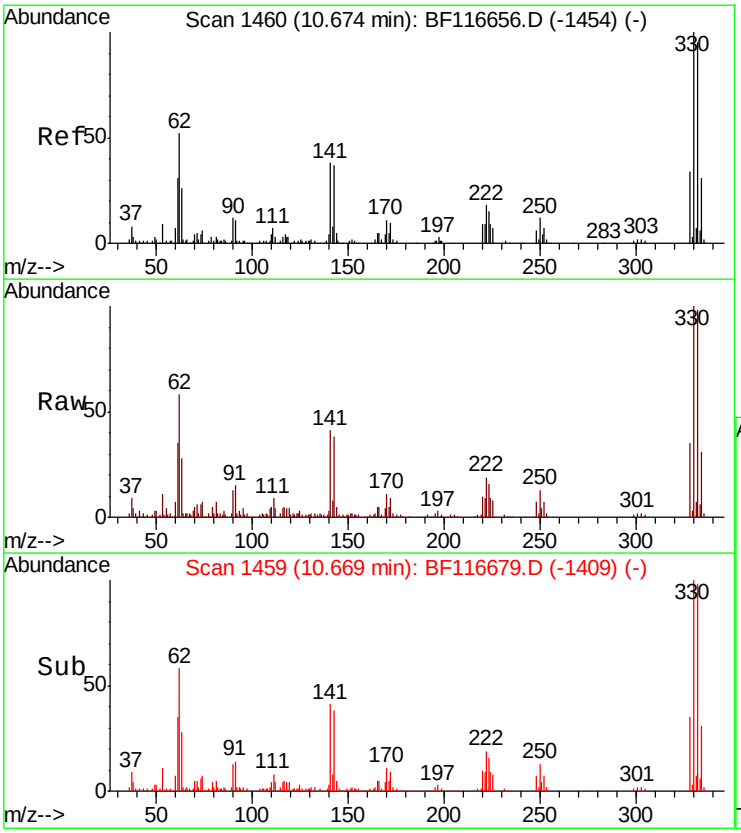
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 223609

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.4	122.0
160	44.3	35.4	53.2

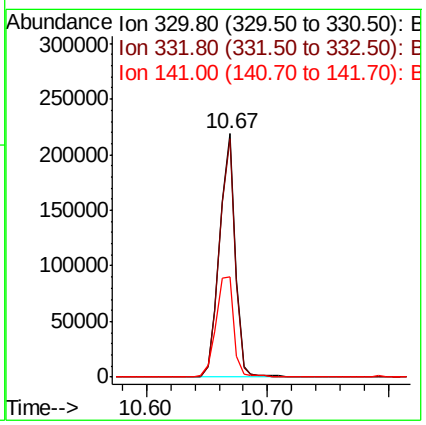


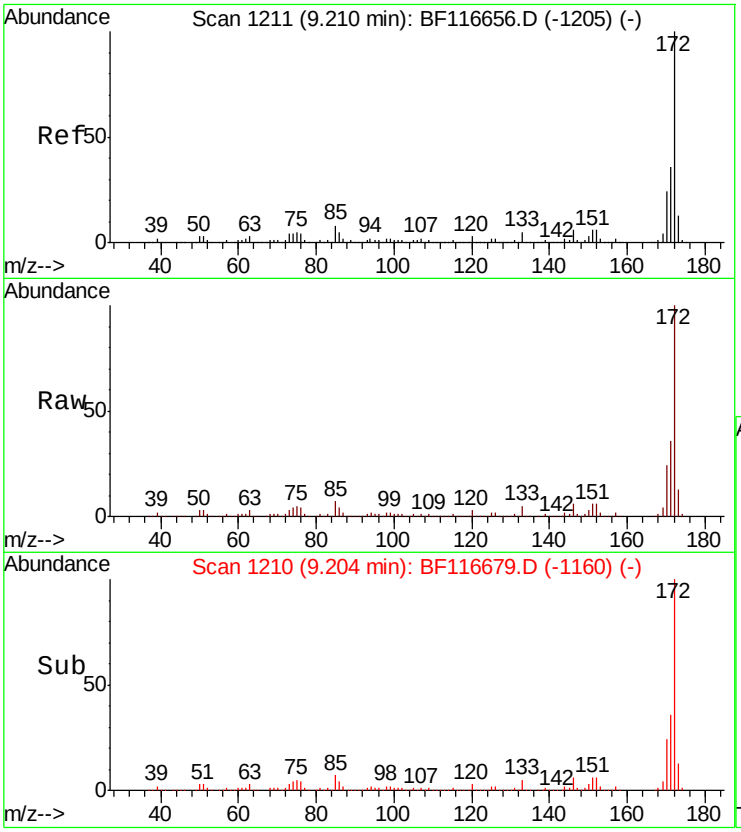


#42
2,4,6-Tribromophenol
Concen: 132.119 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Tgt Ion:330 Resp: 197501

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.9	115.3
141	45.7	31.4	47.2



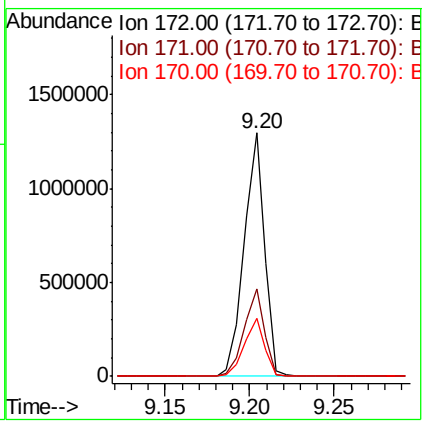


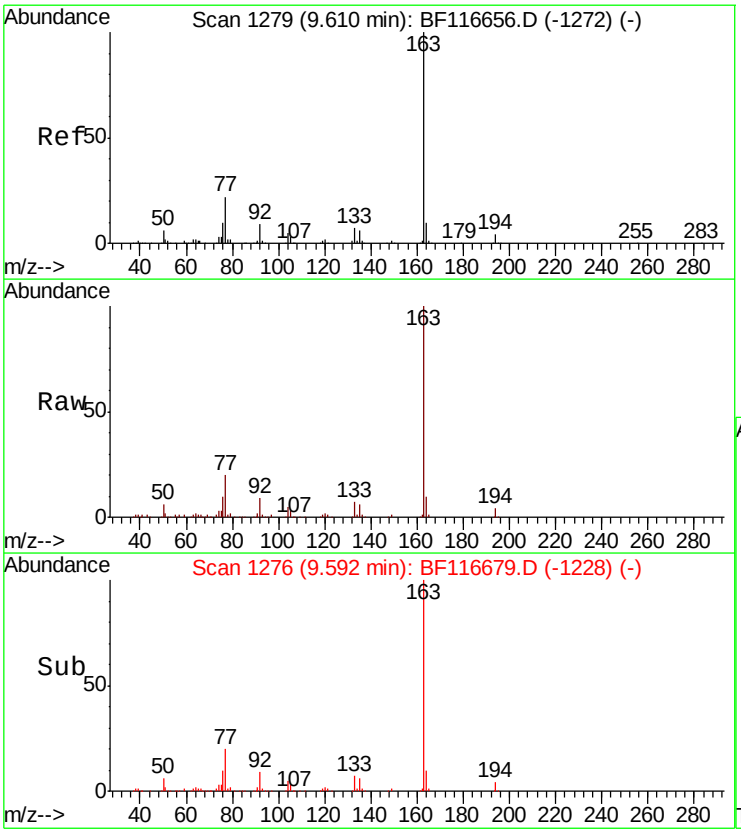
#45
2-Fluorobiphenyl
Concen: 82.839 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1098081

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.6
170	23.9	18.9	28.3

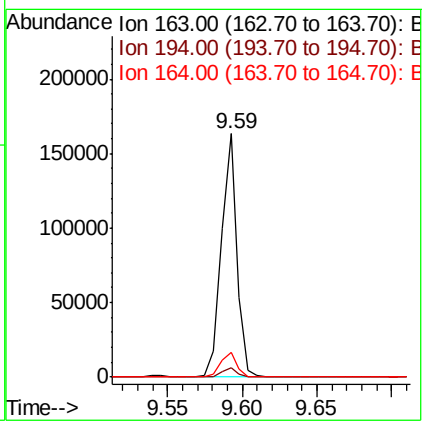


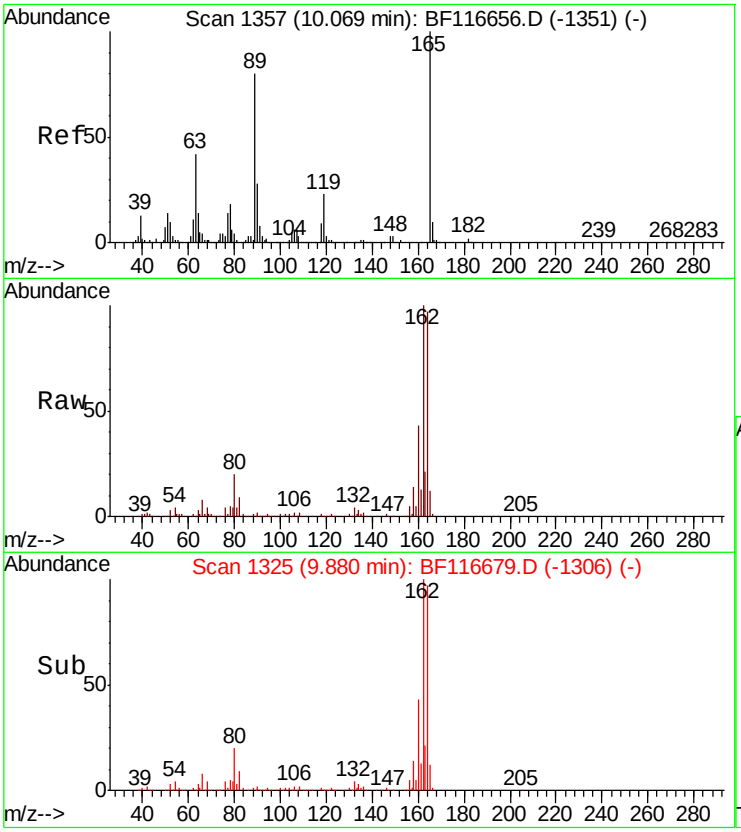


#50
Dimethylphthalate
Concen: 7.879 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Tgt Ion:163 Resp: 121633

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.9	8.6	12.8



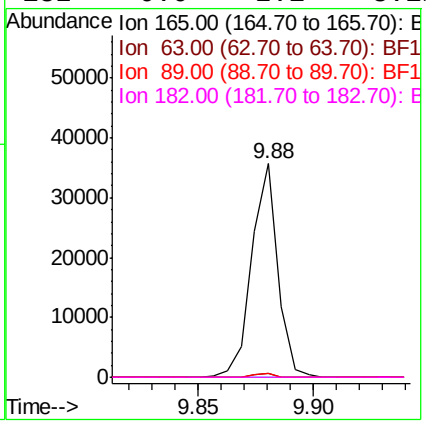


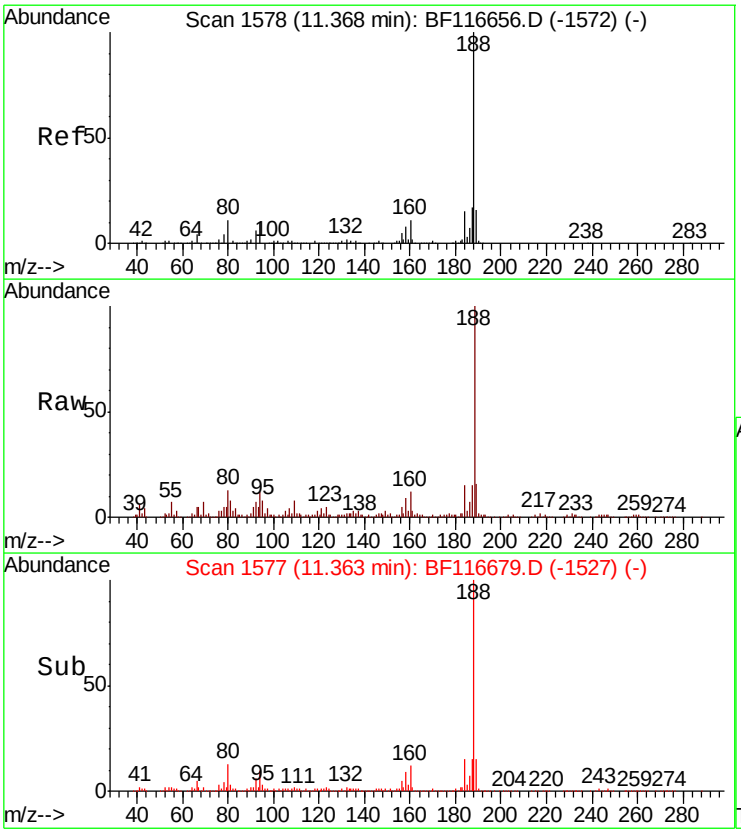
#57
2,4-Dinitrotoluene
Concen: 7.813 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28138

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	2.0	62.6	94.0#
182	0.0	2.1	3.1#

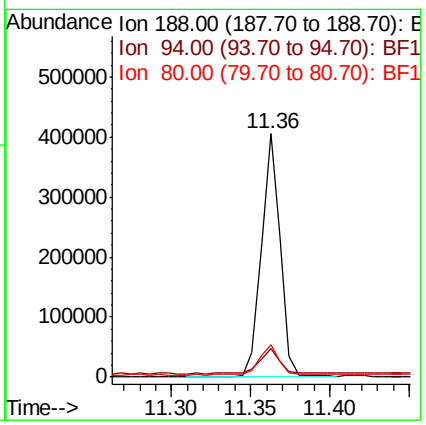


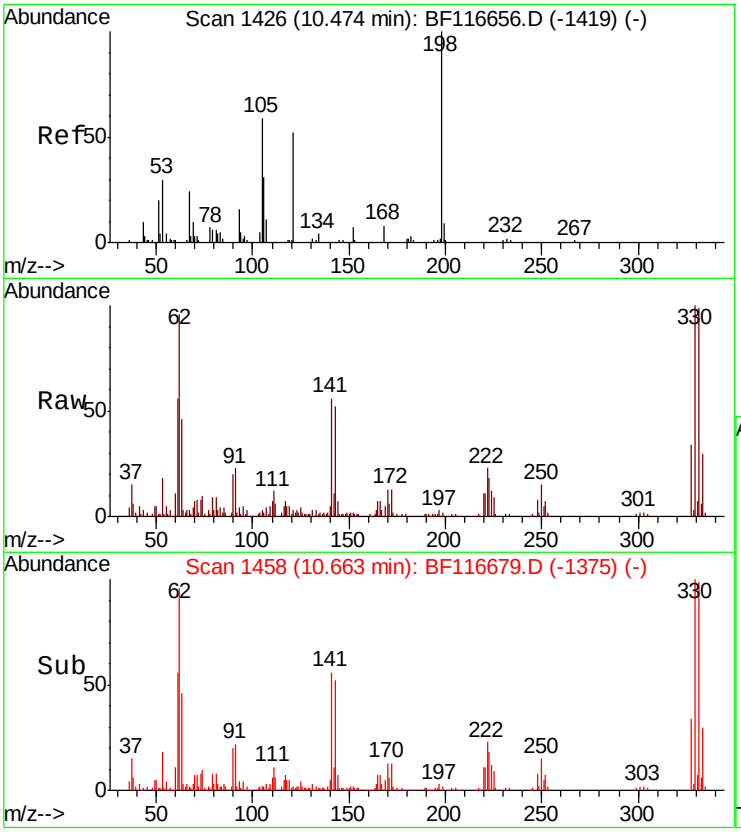


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Tgt Ion:188 Resp: 335431

Ion	Ratio	Lower	Upper
188	100		
94	11.5	7.3	10.9#
80	13.4	8.4	12.6#



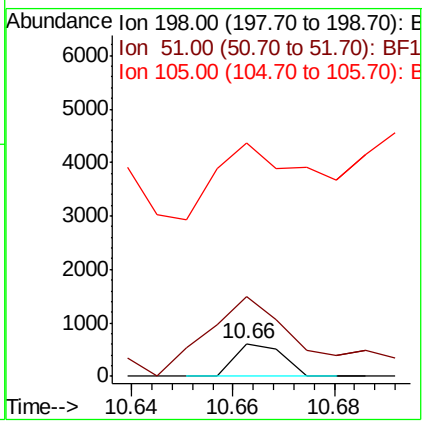


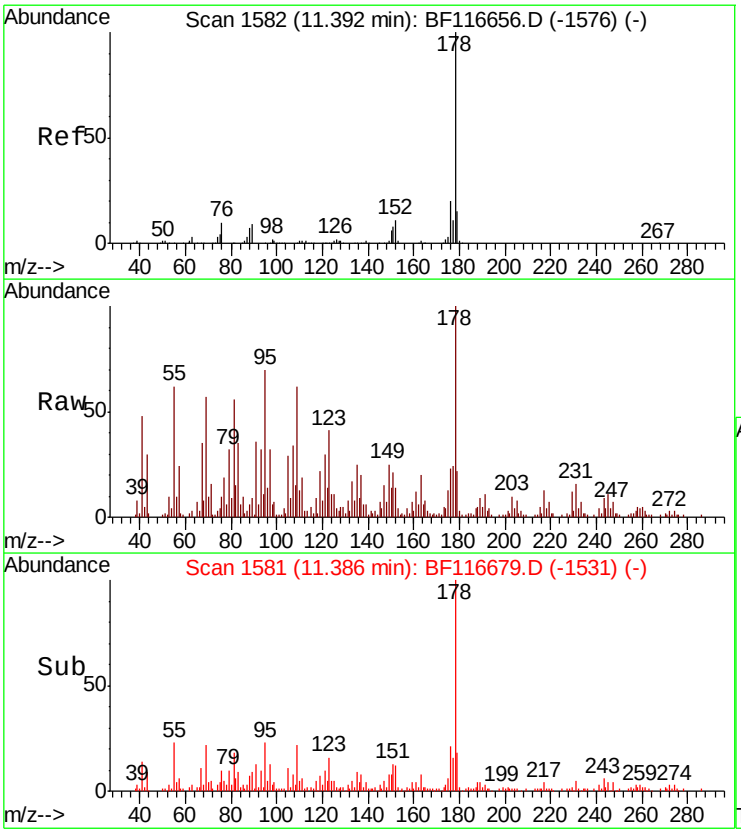
#65
4,6-Dinitro-2-methylphenol
Concen: 7.724 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 399

Ion	Ratio	Lower	Upper
198	100		
51	244.7	18.4	58.4#
105	710.9	22.9	62.9#

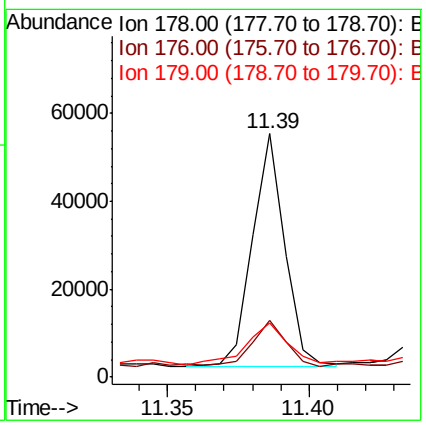


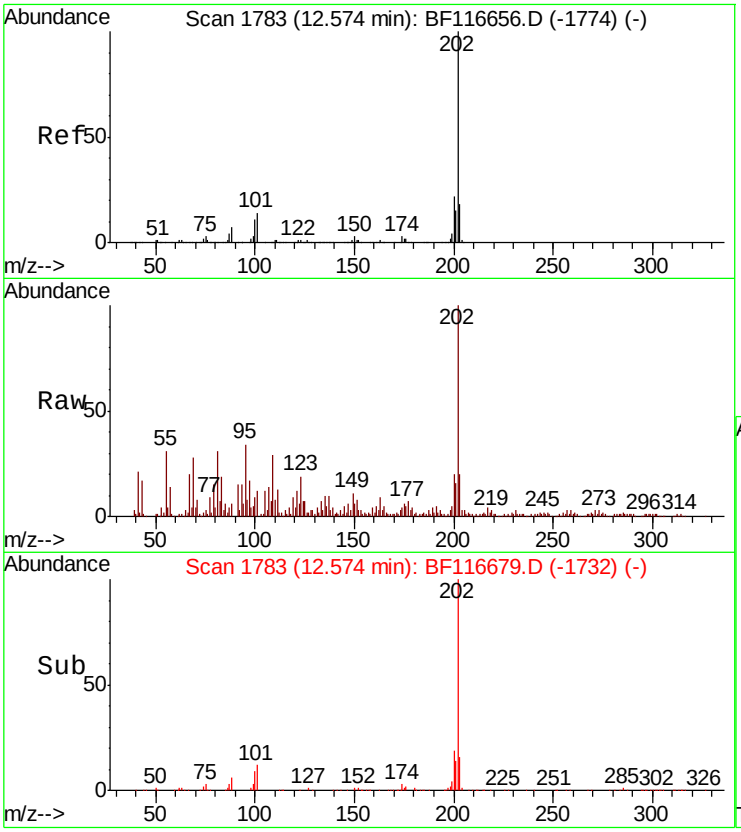


#71
Phenanthrene
Concen: 2.260 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Tgt Ion:178 Resp: 42200

Ion	Ratio	Lower	Upper
178	100		
176	23.5	15.4	23.0#
179	22.5	12.2	18.2#



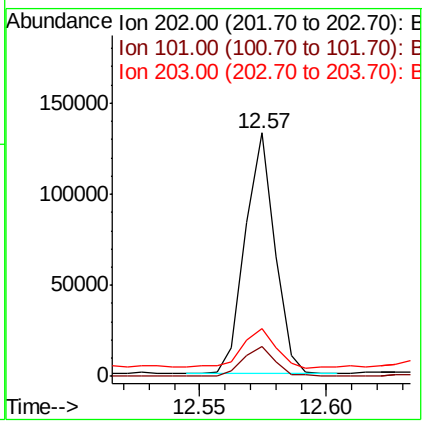


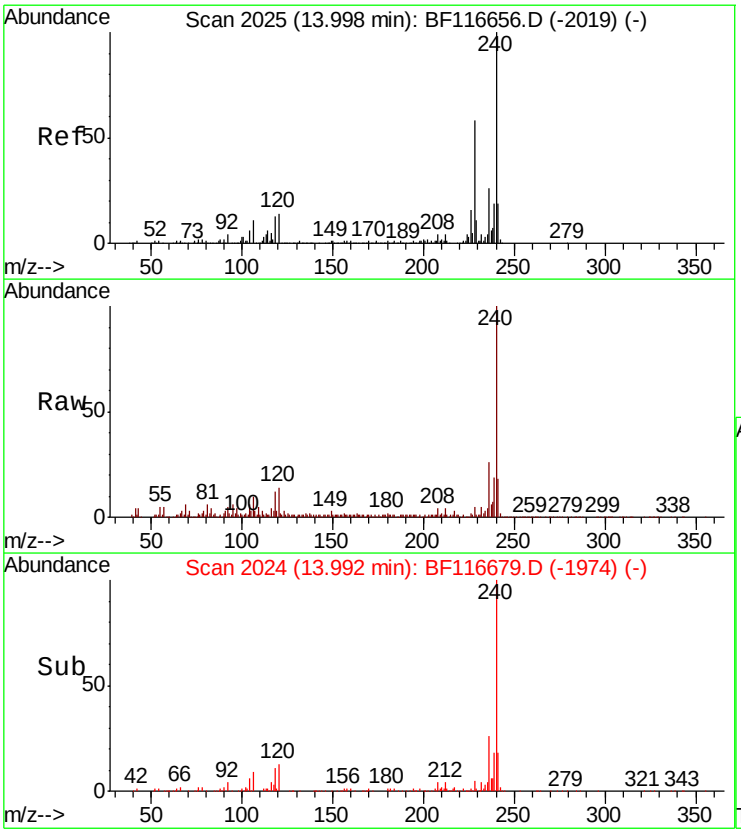
#75
Fluoranthene
Concen: 5.859 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 107520

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.3
203	19.9	0.0	37.6

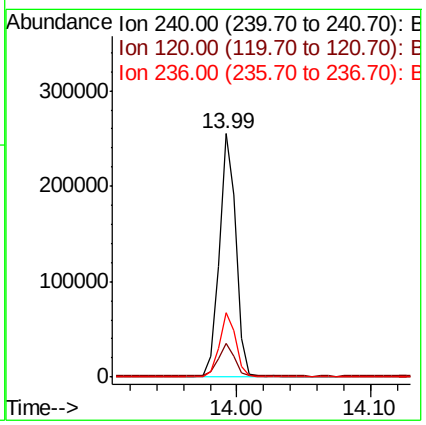


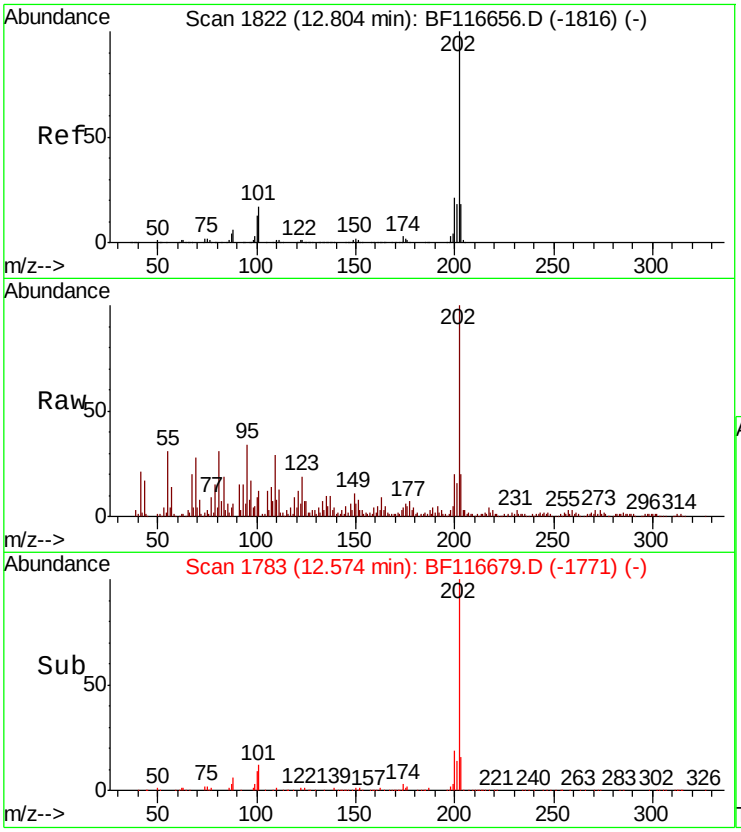


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Tgt Ion:240 Resp: 224580

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.1	13.7
236	26.2	21.1	31.7



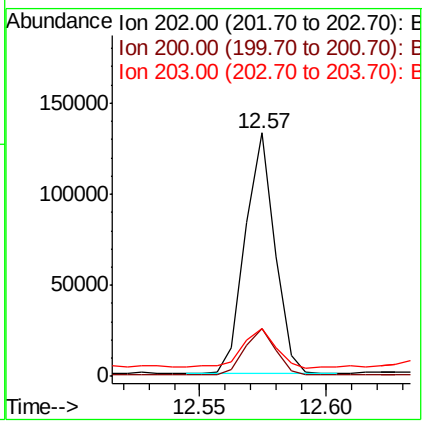


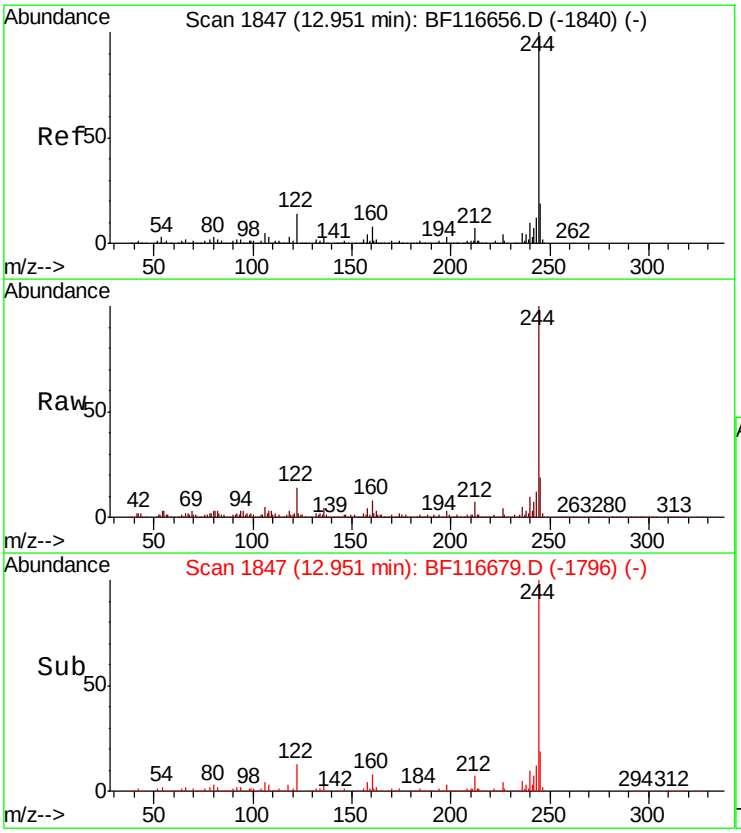
#78
Pyrene
Concen: 5.386 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.23 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 107520

Ion	Ratio	Lower	Upper
202	100		
200	19.5	16.5	24.7
203	19.9	13.7	20.5

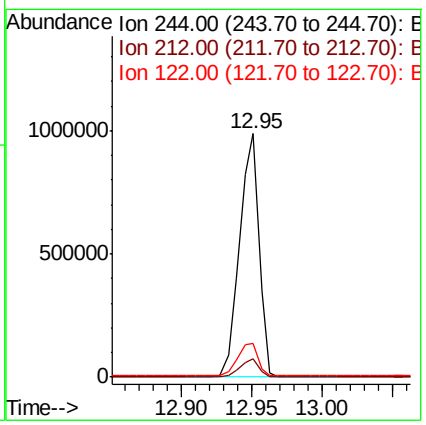


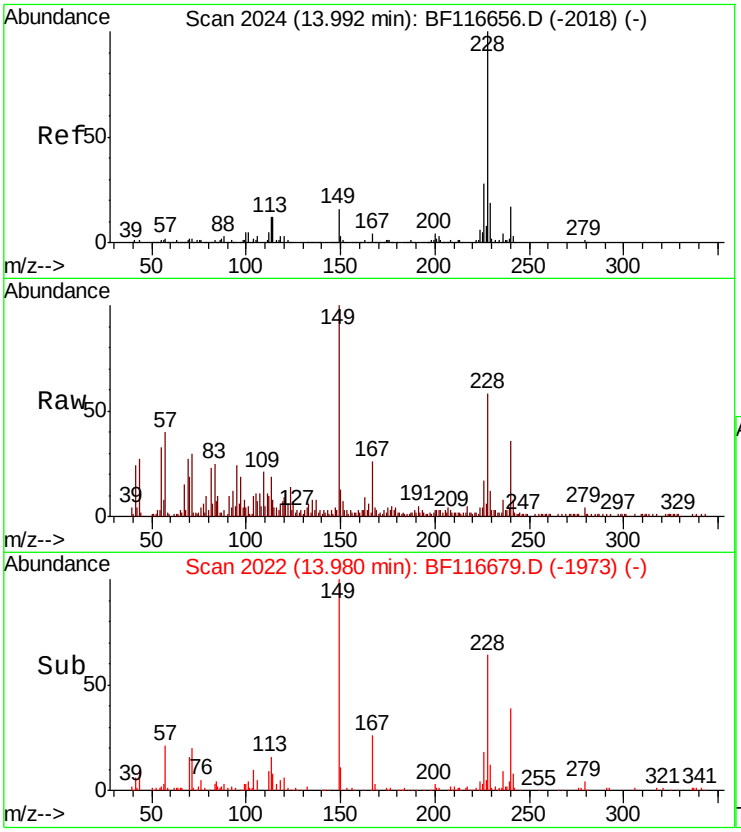


#79
Terphenyl-d14
Concen: 77.870 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Tgt Ion:244 Resp: 945333

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	13.9	10.2	15.4



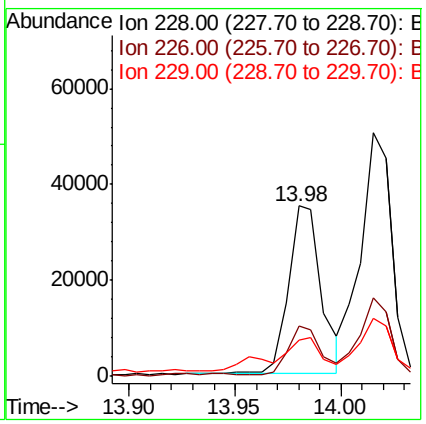


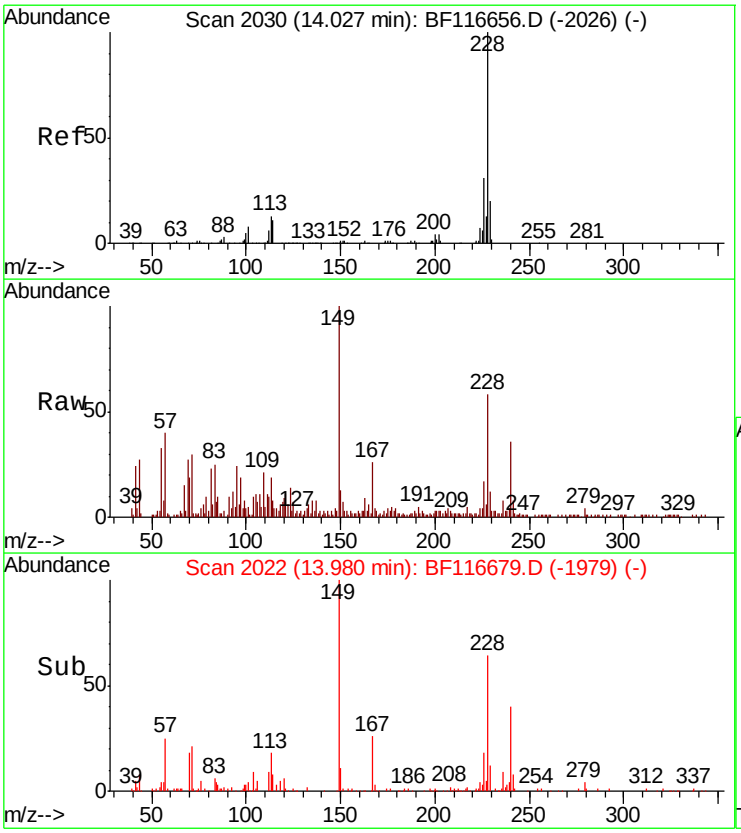
#81
Benzo(a)anthracene
Concen: 2.686 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 38172

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.0	33.0
229	21.2	16.4	24.6

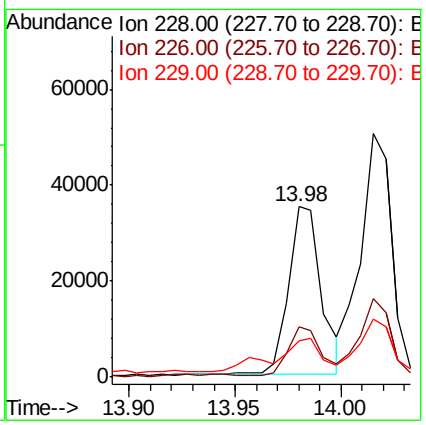


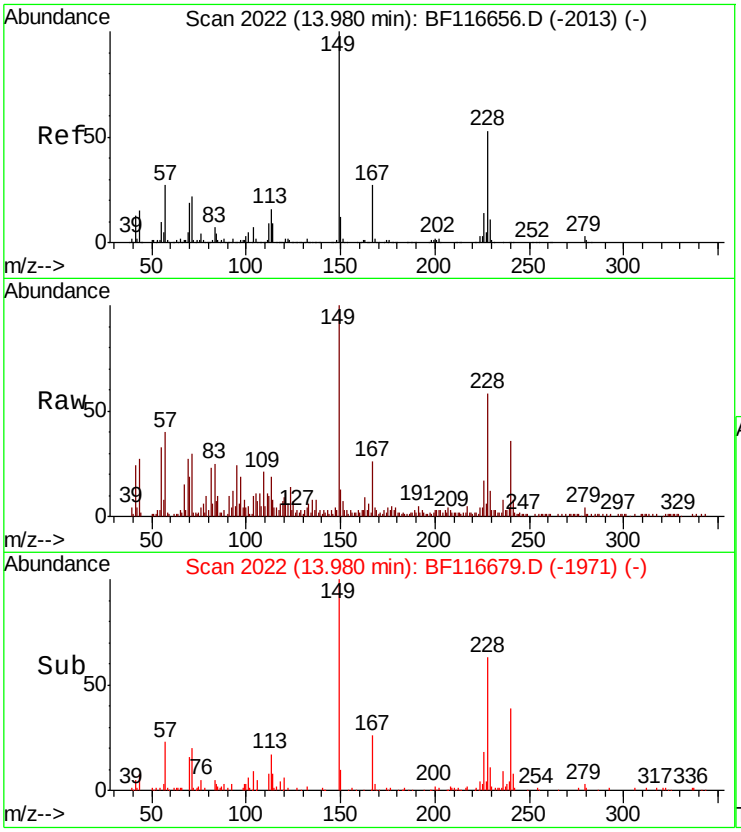


#83
Chrysene
Concen: 2.607 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.05 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Tgt Ion:228 Resp: 38172

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	21.2	15.4	23.0



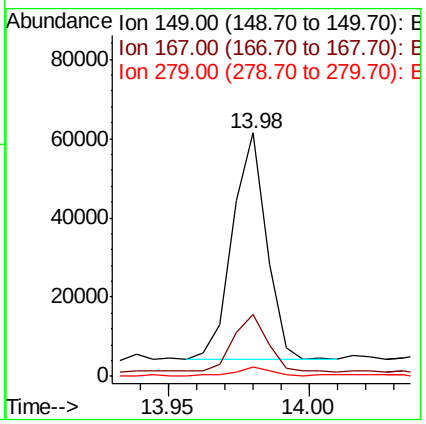


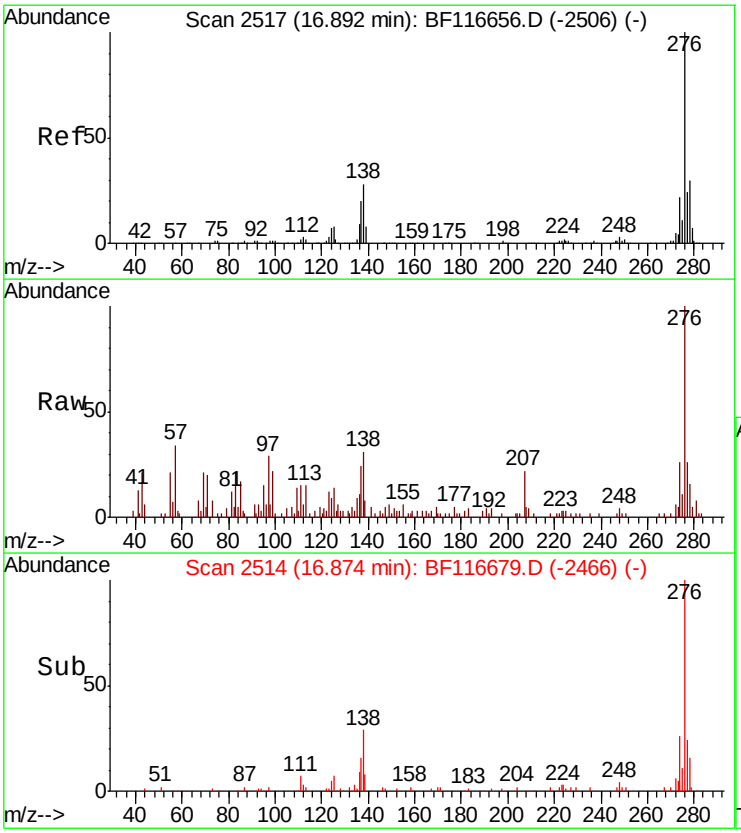
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.966 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 47532

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.0	31.4
279	3.9	2.8	4.2

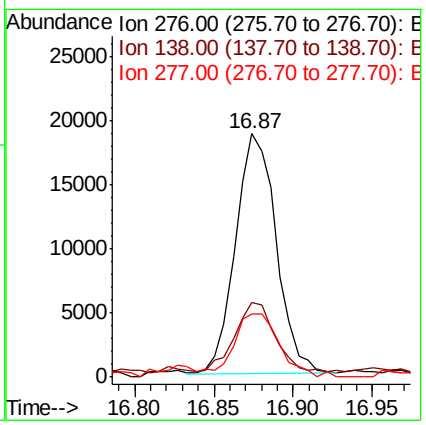


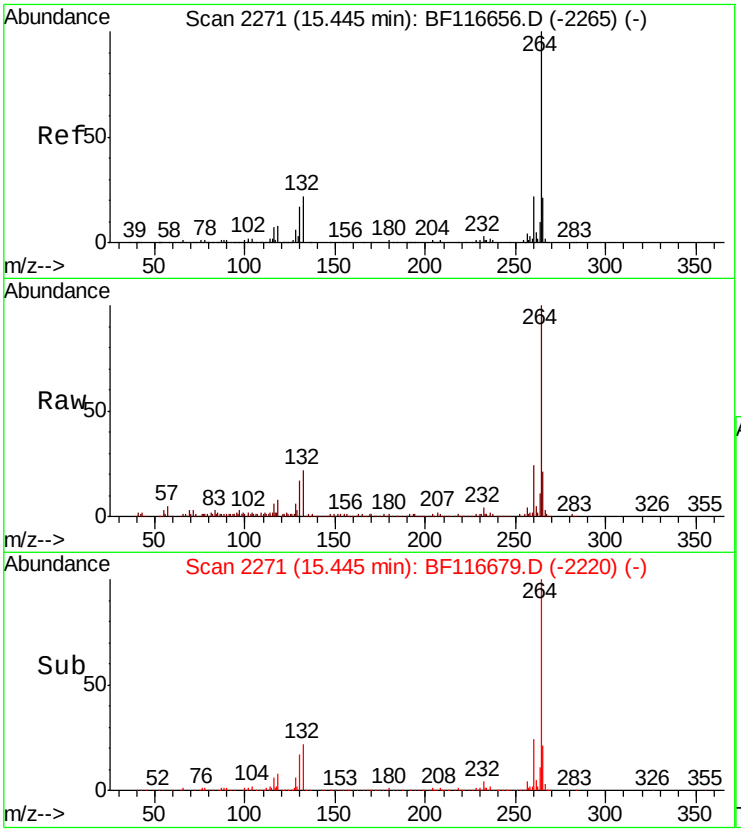


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.848 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.02 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Tgt Ion:276 Resp: 33501

Ion	Ratio	Lower	Upper
276	100		
138	29.9	19.4	29.2#
277	28.8	20.5	30.7



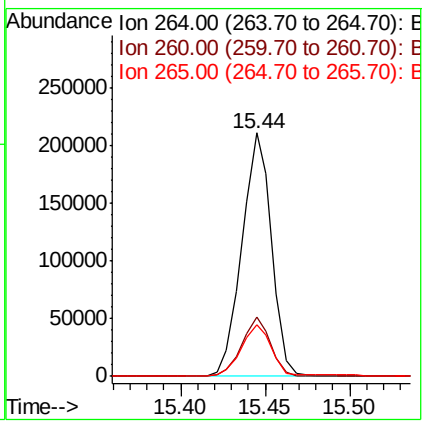


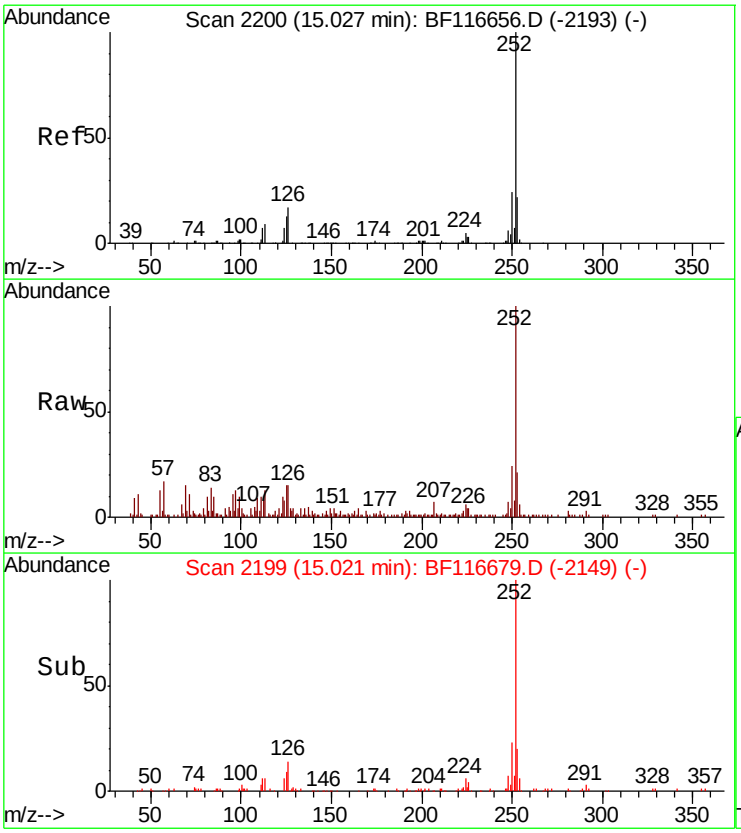
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 258290

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	21.1	16.5	24.7

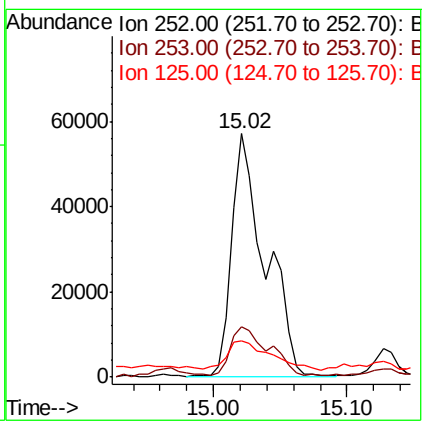


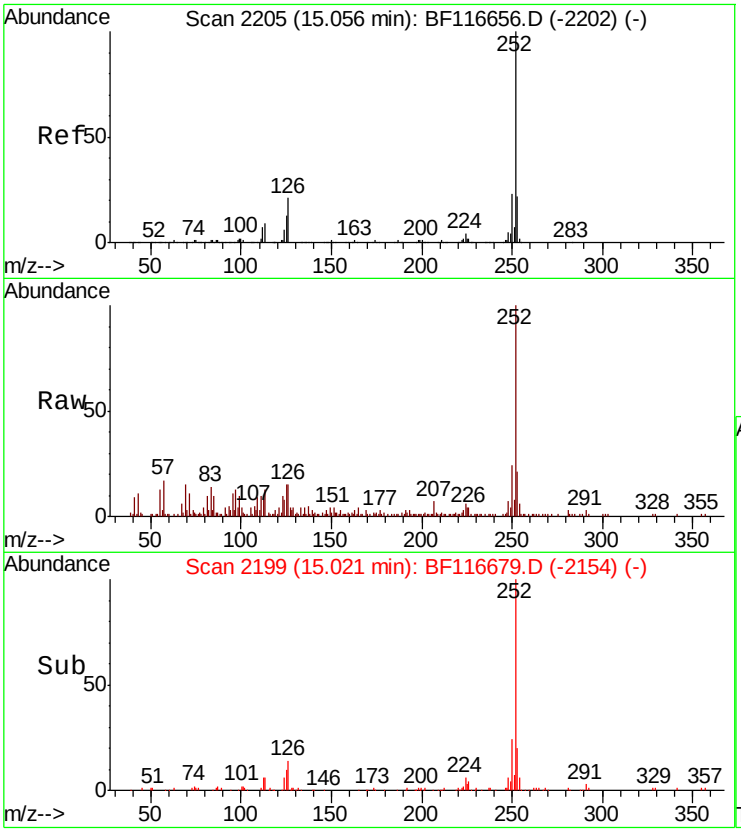


#88
Benzo(b)fluoranthene
Concen: 6.474 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Tgt Ion:252 Resp: 101093

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.7	26.5
125	14.9	8.2	12.2#



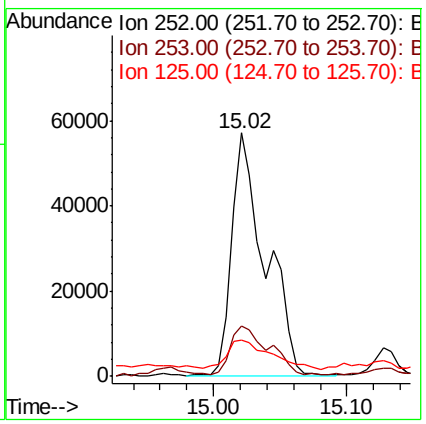


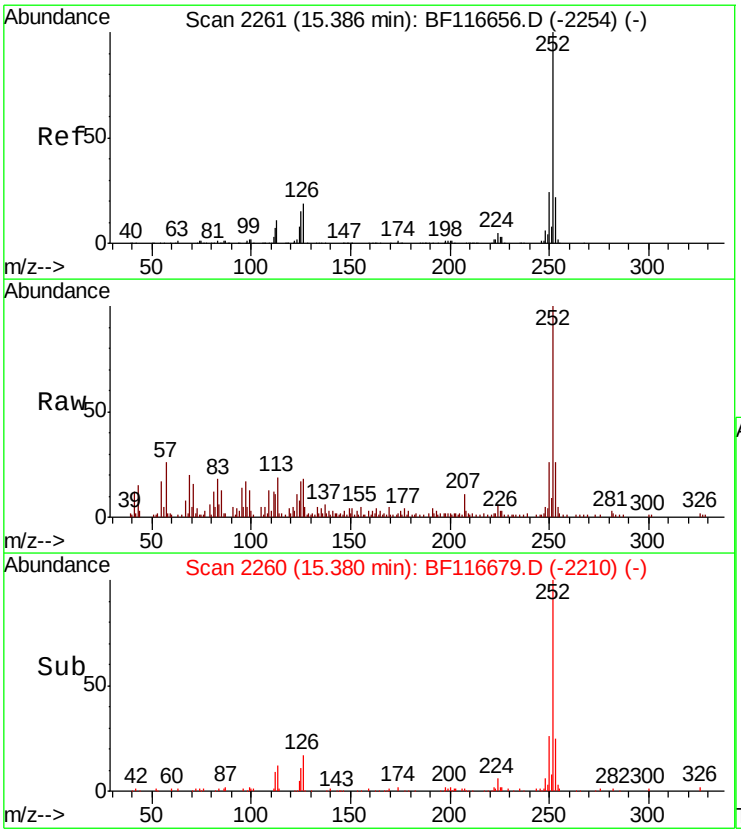
#89
Benzo(k)fluoranthene
Concen: 7.100 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 101093

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.7	26.5
125	14.9	8.6	13.0#

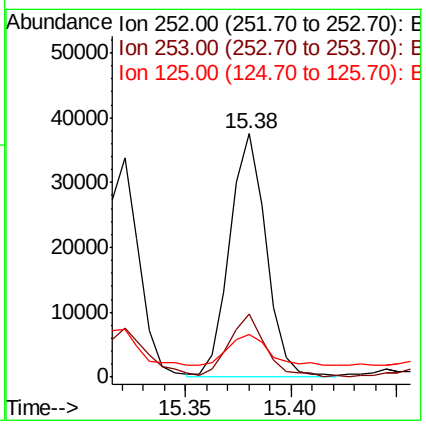


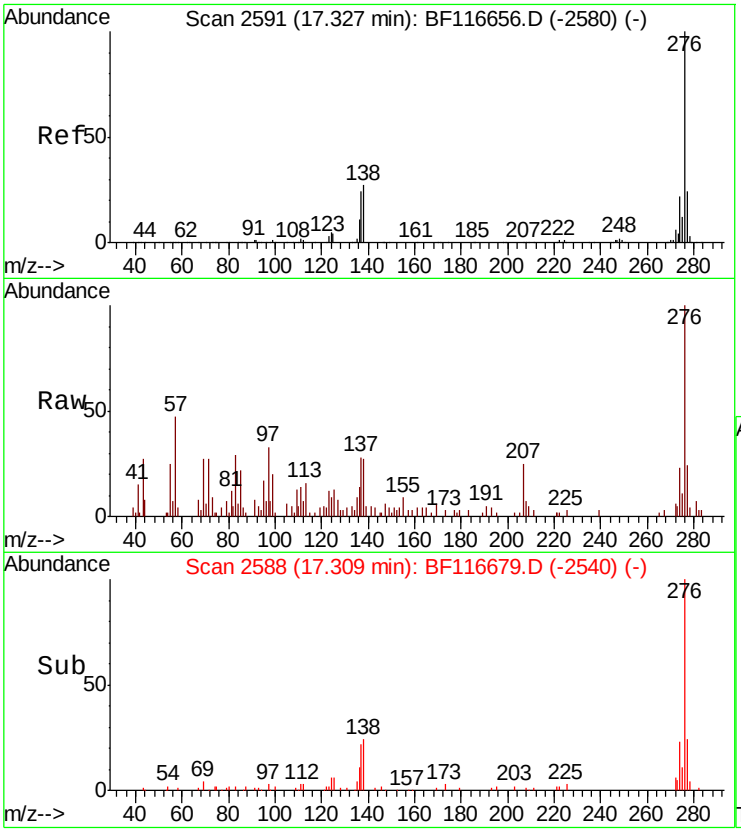


#90
Benzo(a)pyrene
Concen: 3.303 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Tgt Ion:252 Resp: 44872

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.1	27.1
125	17.3	9.8	14.8#





#92
Benzo(g,h,i)perylene
Concen: 2.684 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.02 min
Lab File: BF116679.D
Acq: 31 Aug 2019 4:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 32553

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.5	27.7
138	26.6	16.2	24.2#