Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115057.D
Acq On : 14 Jun 2019 23:03
Operator : HP/JU
Sample : K3351-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200029

Quant Time: Jun 15 06:38:47 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	312258	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1186123	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	522197	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	864417	20.00	ng	0.00
76) Chrysene-d12	13.77	240	535726	20.00	ng	-0.01
87) Perylene-d12	15.14	264	591898	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1495789	79.99	ng	0.00
7) Phenol-d6	6.29	99	1827196	81.00	ng	0.00
23) Nitrobenzene-d5	7.21	82	1091639	55.40	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	390536	69.84	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	1784744	57.93	ng	0.00
79) Terphenyl-d14	12.73	244	1373073	48.21	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.40	163	221734	5.646	ng	98
52) Acenaphthene	9.70	154	386694	12.991	ng	97
55) Dibenzofuran	9.87	168	90777	2.023	ng	96
71) Phenanthrene	11.17	178	881524	19.751	ng	98
72) Anthracene	11.22	178	231280	5.137	ng	98
75) Fluoranthene	12.36	202	2557828	56.047	ng	100
78) Pyrene	12.59	202	1939891	39.749	ng	99
81) Benzo(a)anthracene	13.76	228	617175	15.395	ng	98
83) Chrysene	13.80	228	636308	15.961	ng	96
86) Indeno(1,2,3-cd)pyrene	16.44	276	100109	2.859	ng	96
88) Benzo(b)fluoranthene	14.77	252	630291m	16.019	ng	
89) Benzo(k)fluoranthene	14.79	252	213025m	6.168	ng	
90) Benzo(a)pyrene	15.09	252	259239	7.635	ng	99
92) Benzo(g,h,i)perylene	16.83	276	78811	2.643	ng	96

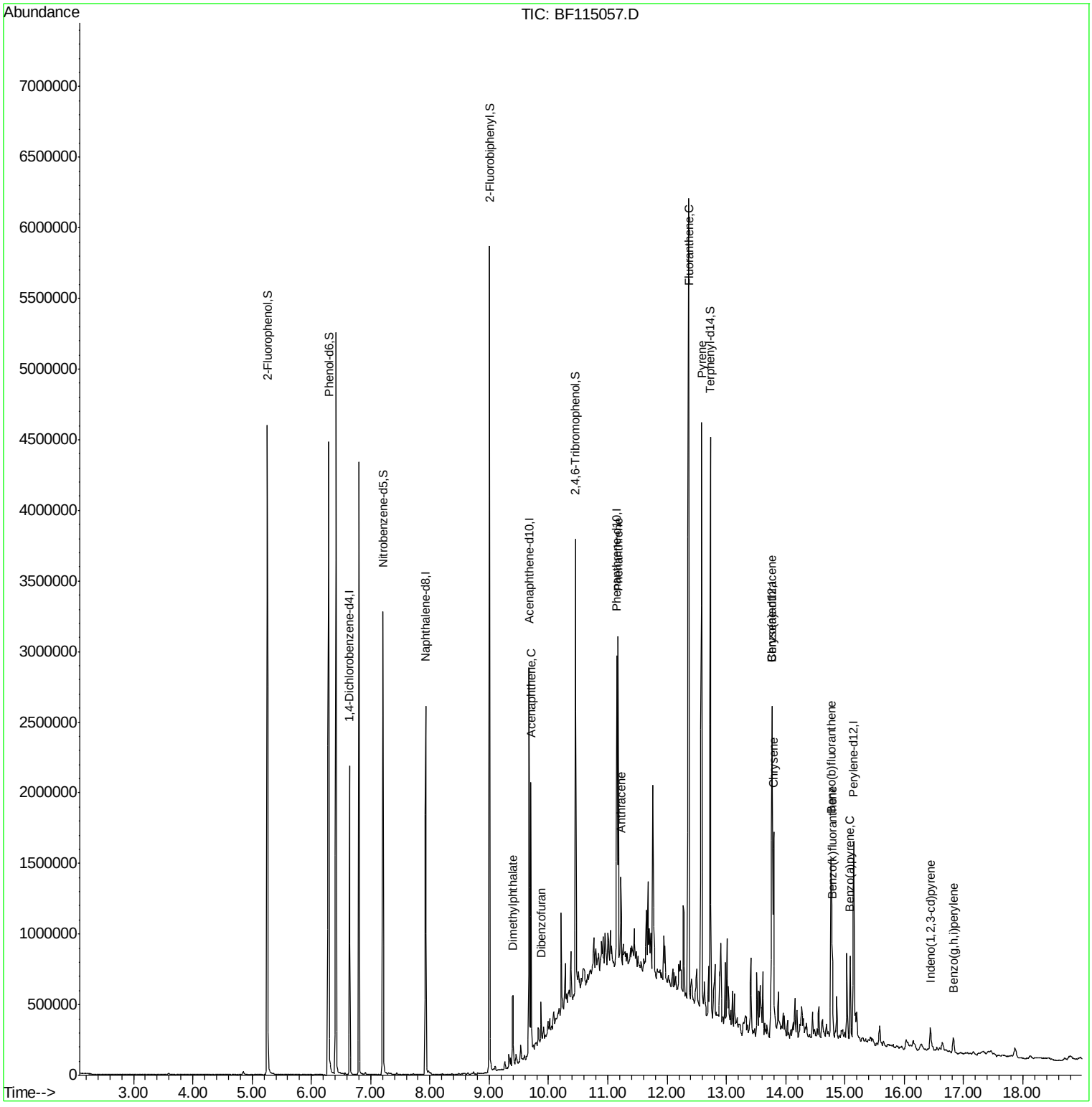
(#) = qualifier out of range (m) = manual integration (+) = signals summed

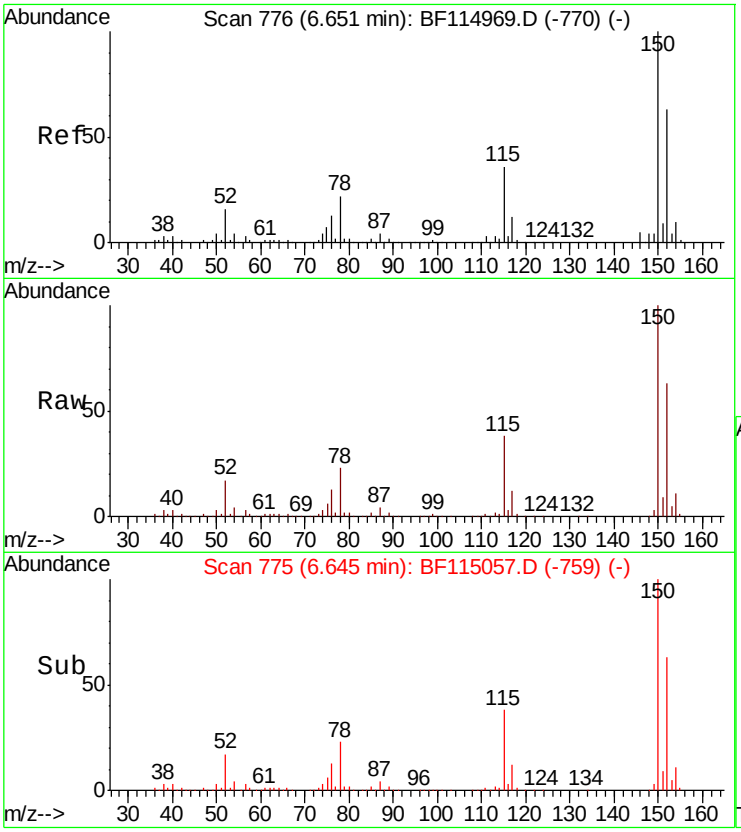
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115057.D
Acq On : 14 Jun 2019 23:03
Operator : HP/JU
Sample : K3351-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200029

Quant Time: Jun 15 06:38:47 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



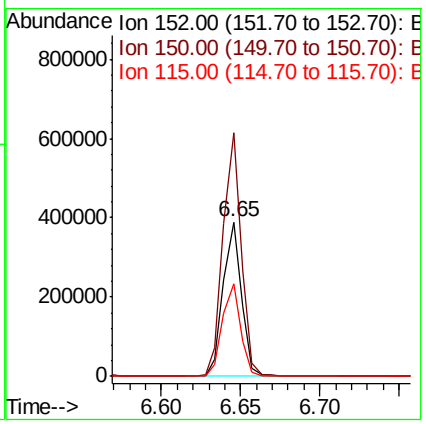


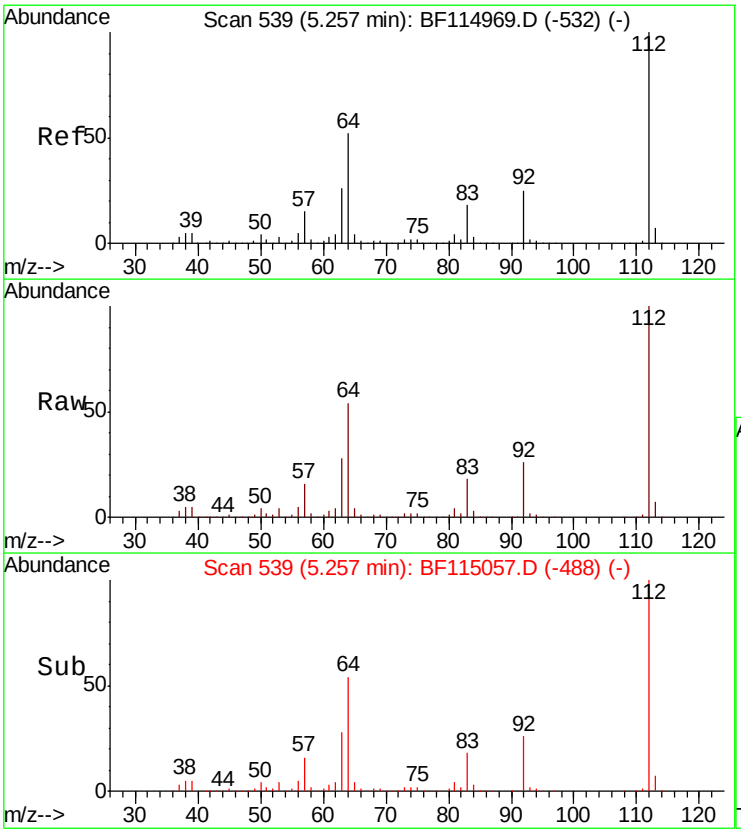
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Instrument :
BNA_F
ClientSampleId :
RBR-200029

Tgt Ion:152 Resp: 312258

Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.4	191.0
115	59.6	46.0	69.0

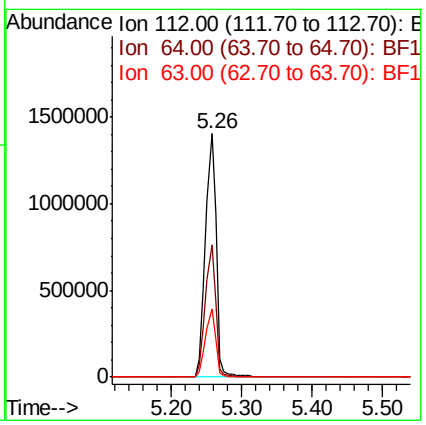


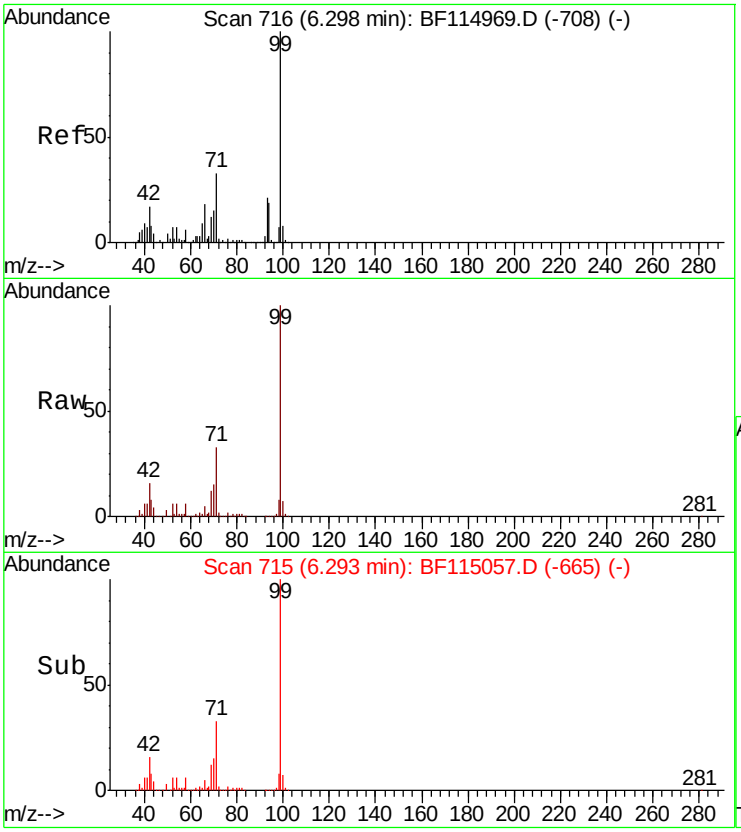


#5
2-Fluorophenol
Concen: 79.987 ng
RT: 5.26 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Tgt Ion:112 Resp: 1495789

Ion	Ratio	Lower	Upper
112	100		
64	54.2	41.6	62.4
63	27.9	20.9	31.3



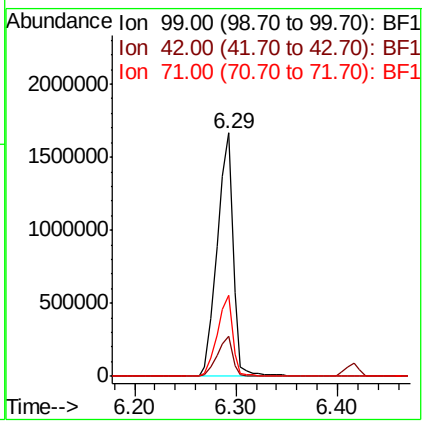


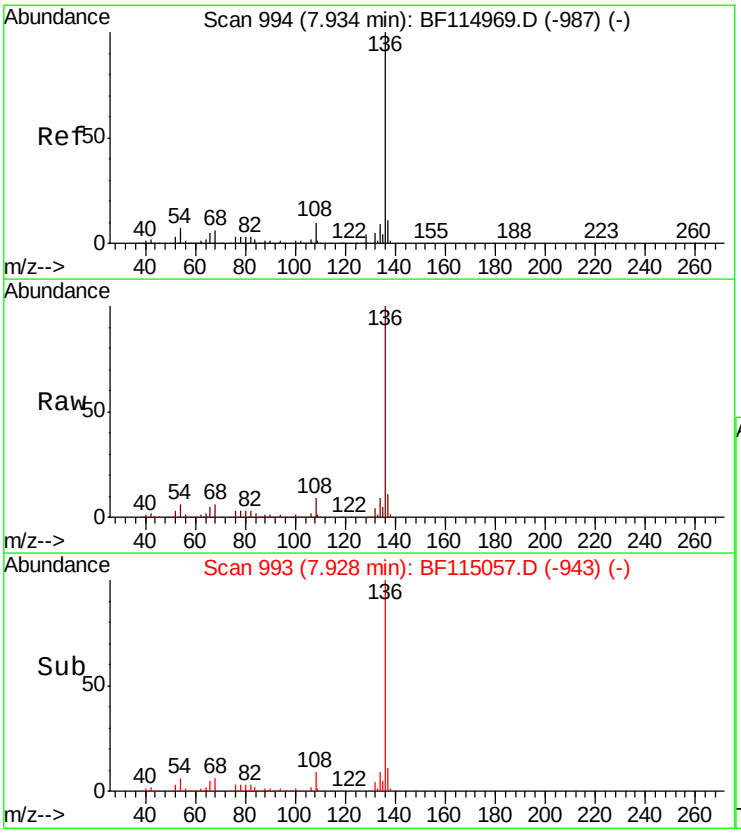
#7
Phenol-d6
Concen: 81.000 ng
RT: 6.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Instrument :
BNA_F
ClientSampleId :
RBR-200029

Tgt Ion: 99 Resp: 1827196

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.4	20.2
71	33.5	26.4	39.6

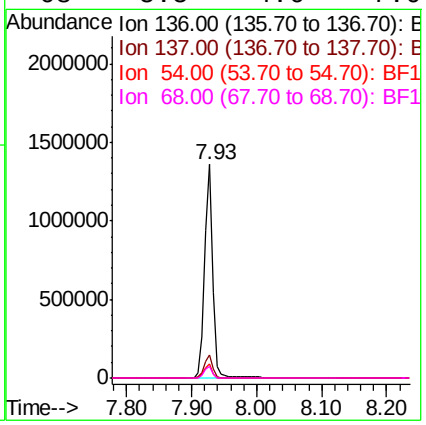


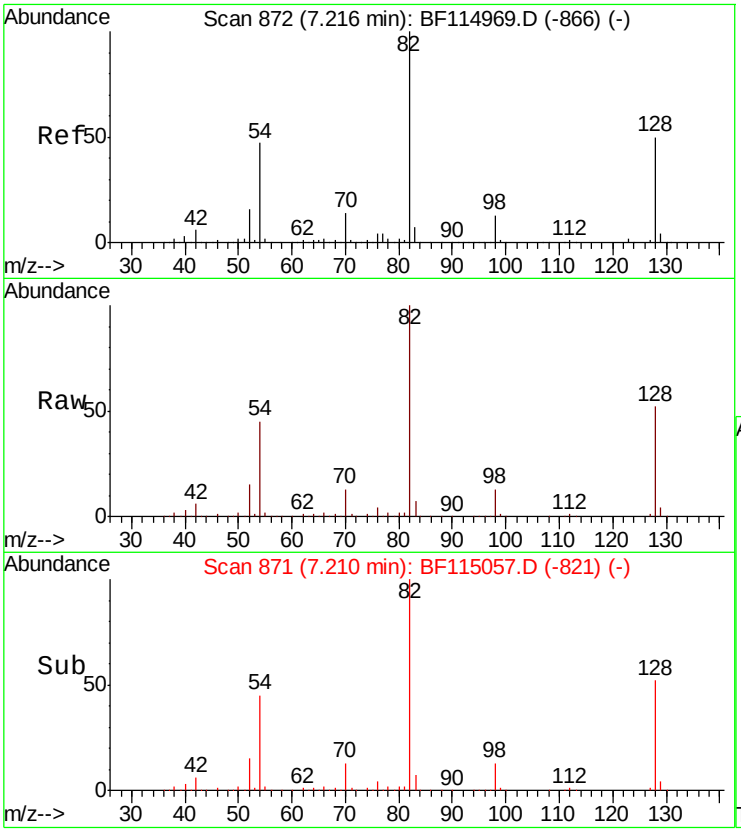


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Tgt Ion:136 Resp: 1186123

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.3	5.4	8.0
68	5.5	4.6	7.0



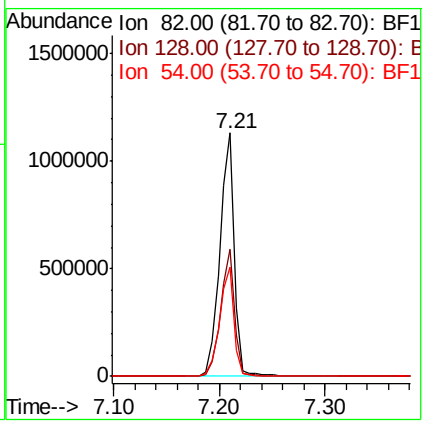


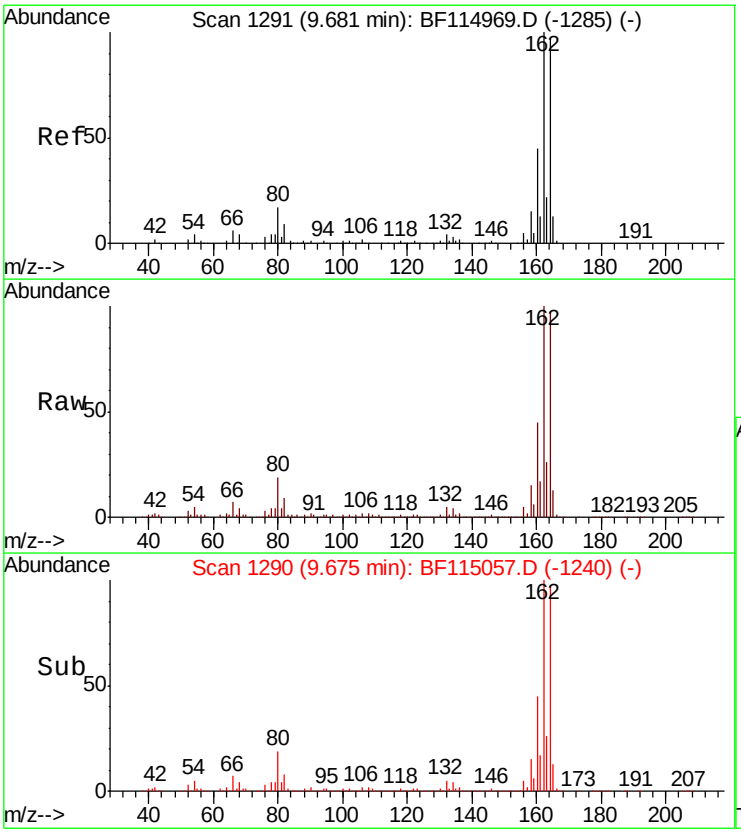
#23
Nitrobenzene-d5
Concen: 55.397 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Instrument :
BNA_F
ClientSampleId :
RBR-200029

Tgt Ion: 82 Resp: 1091639

Ion	Ratio	Lower	Upper
82	100		
128	52.1	39.9	59.9
54	45.1	37.3	55.9

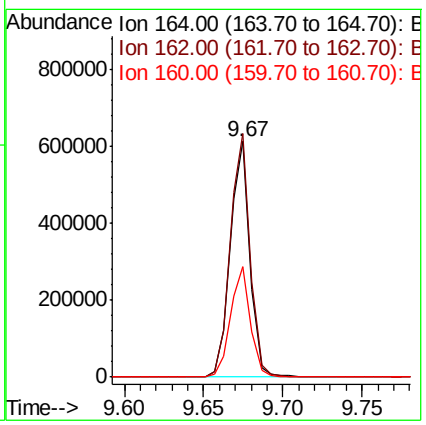


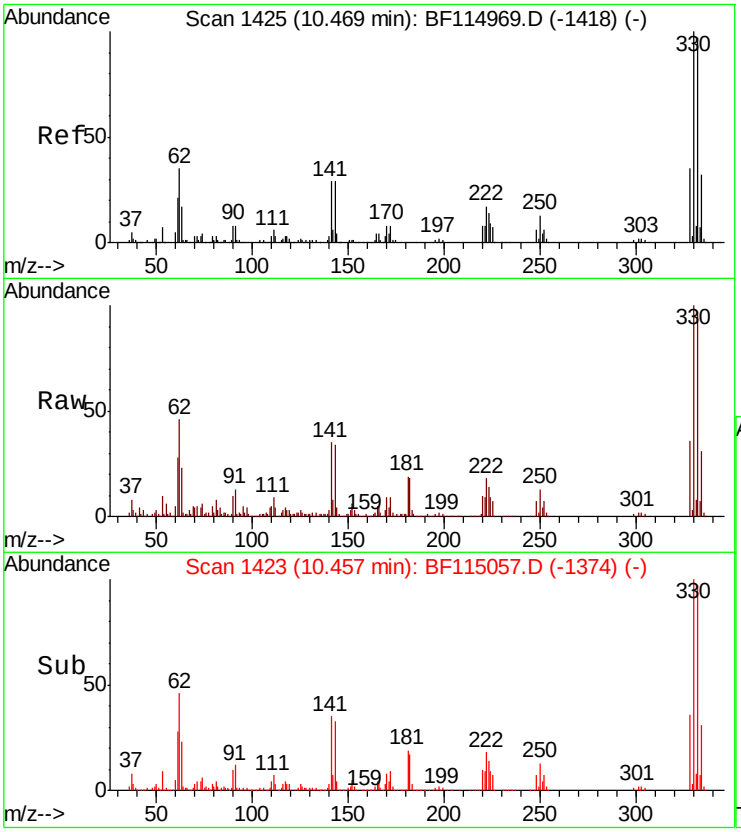


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Tgt Ion:164 Resp: 522197

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	124.0
160	46.7	36.9	55.3



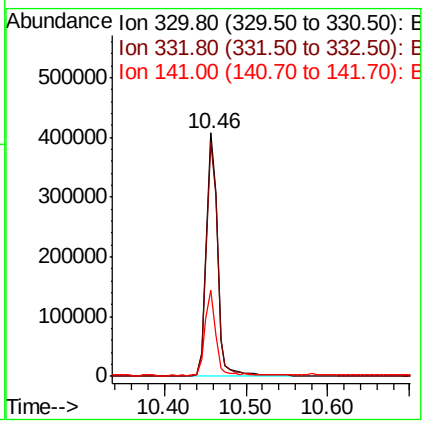


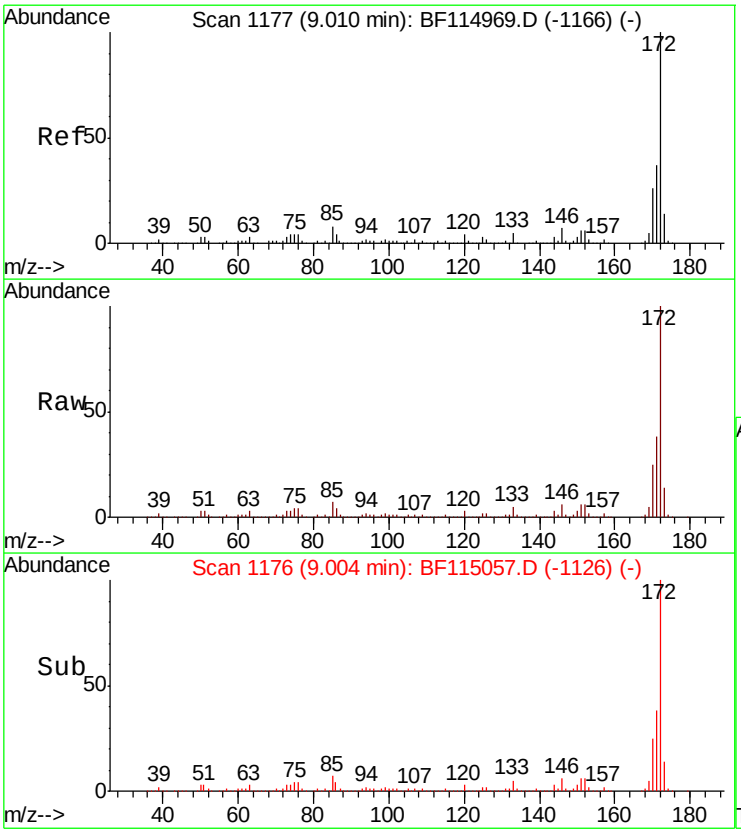
#42
2,4,6-Tribromophenol
Concen: 69.838 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Instrument :
BNA_F
ClientSampleId :
RBR-200029

Tgt Ion:330 Resp: 390536

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.6	116.4
141	34.4	27.2	40.8

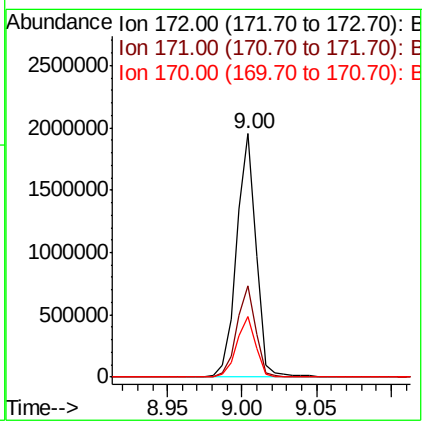


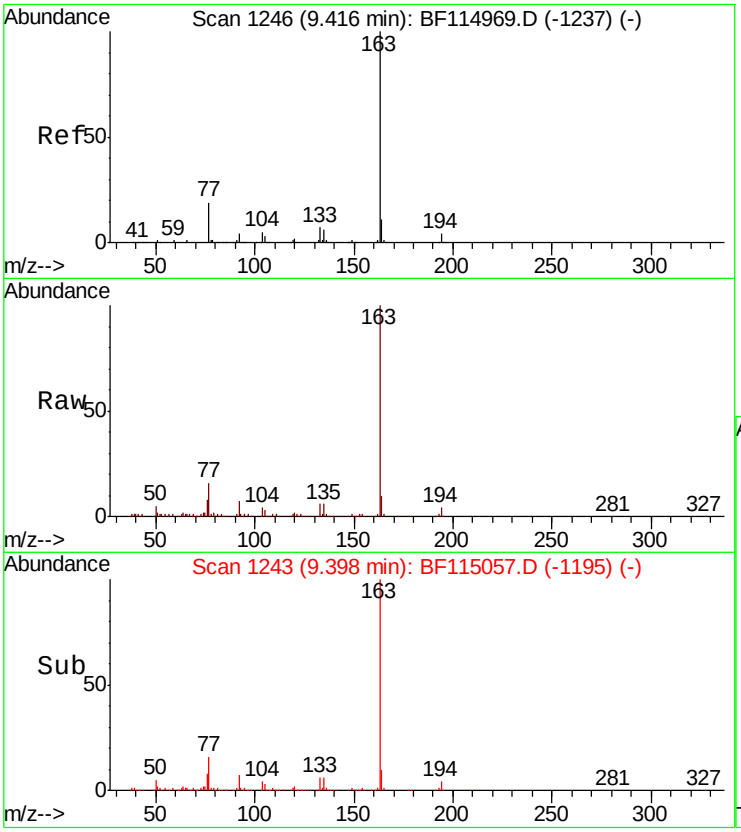


#45
2-Fluorobiphenyl
Concen: 57.925 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Tgt Ion:172 Resp: 1784744

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.1	20.6	31.0



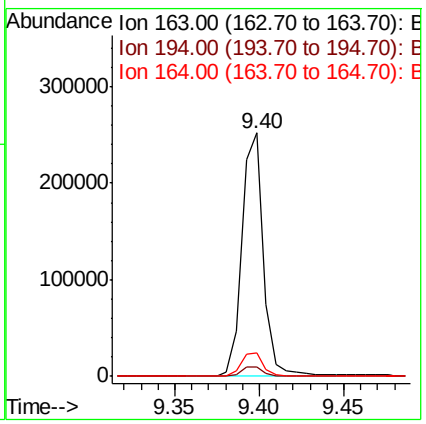


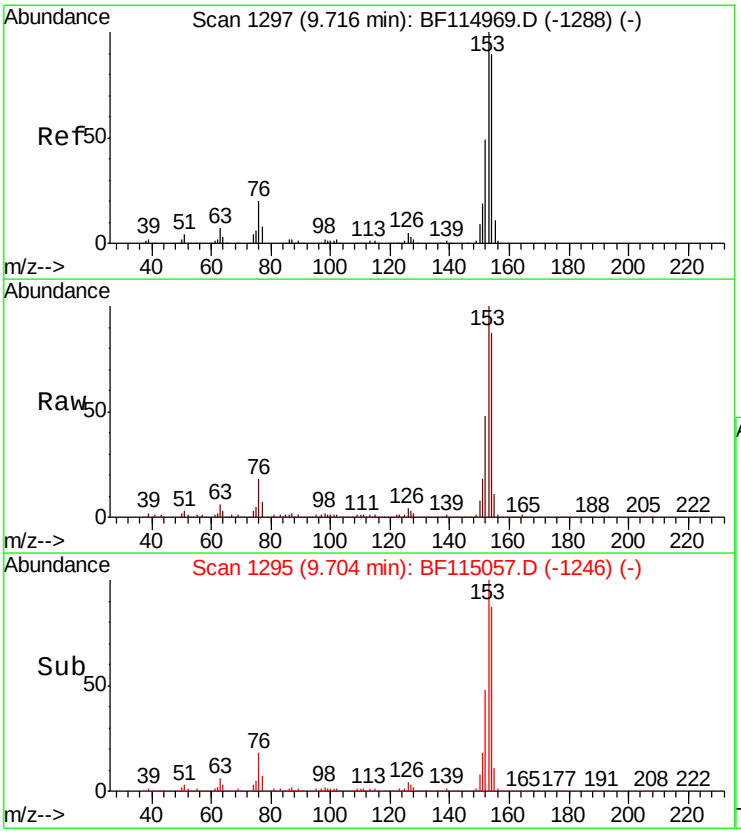
#50
Dimethylphthalate
Concen: 5.646 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Instrument :
BNA_F
ClientSampleId :
RBR-200029

Tgt Ion:163 Resp: 221734

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.8	8.6	12.8

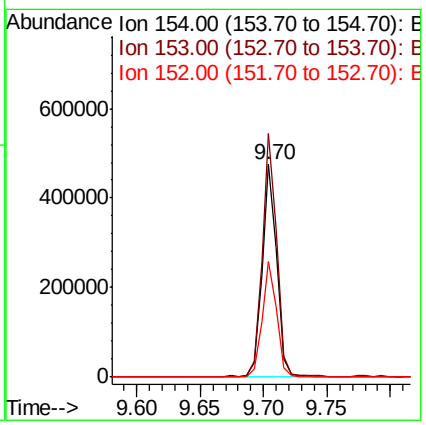


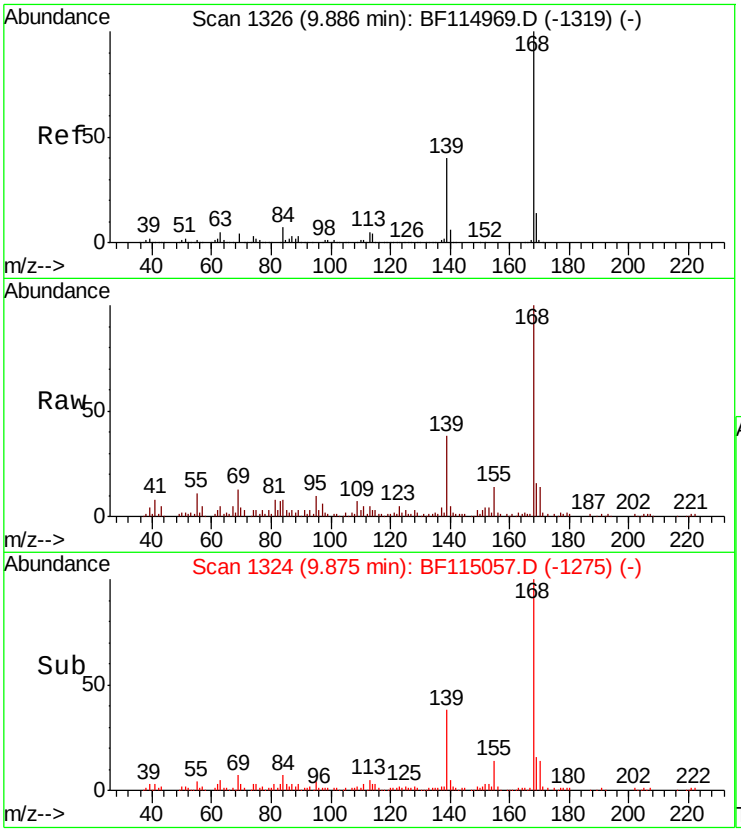


#52
Acenaphthene
Concen: 12.991 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Tgt Ion:154 Resp: 386694

Ion	Ratio	Lower	Upper
154	100		
153	114.6	88.5	132.7
152	54.6	43.6	65.4



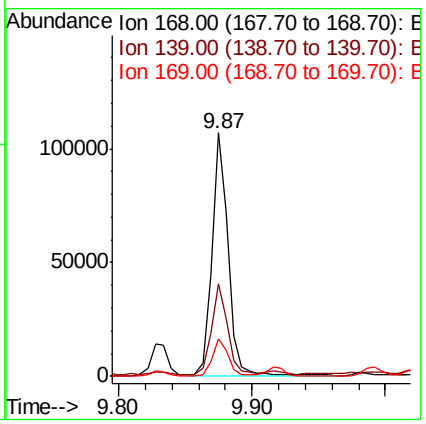


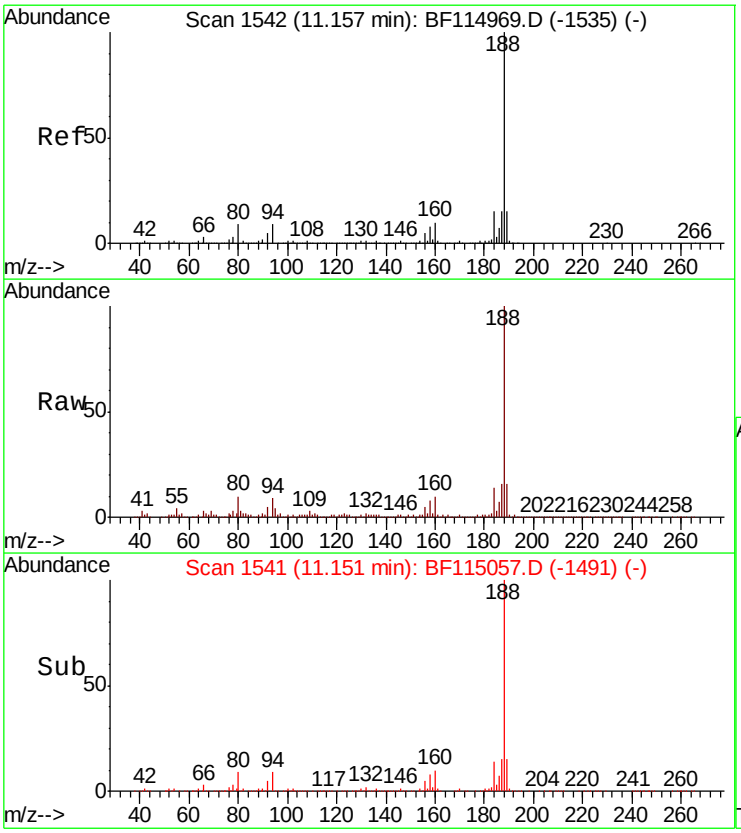
#55
Dibenzofuran
Concen: 2.023 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Instrument :
BNA_F
ClientSampleId :
RBR-200029

Tgt Ion:168 Resp: 90777

Ion	Ratio	Lower	Upper
168	100		
139	38.0	32.5	48.7
169	15.5	11.5	17.3

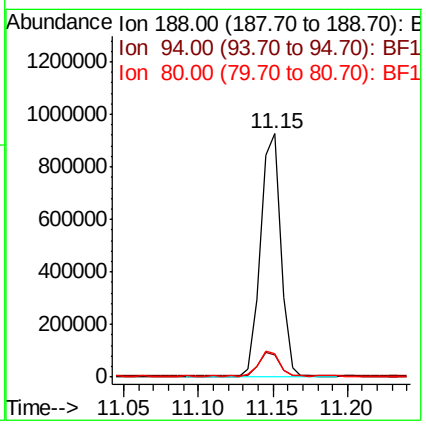


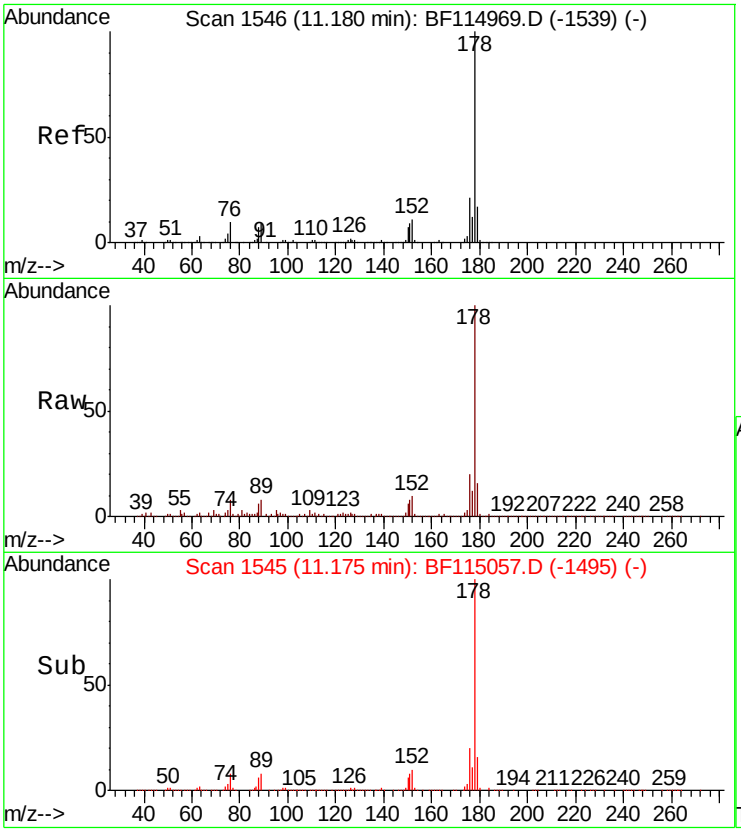


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Tgt Ion:188 Resp: 864417

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.5	7.4	11.2



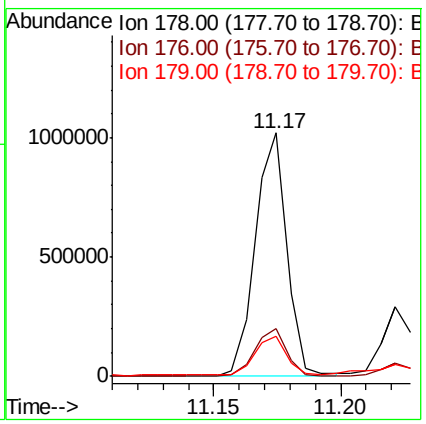


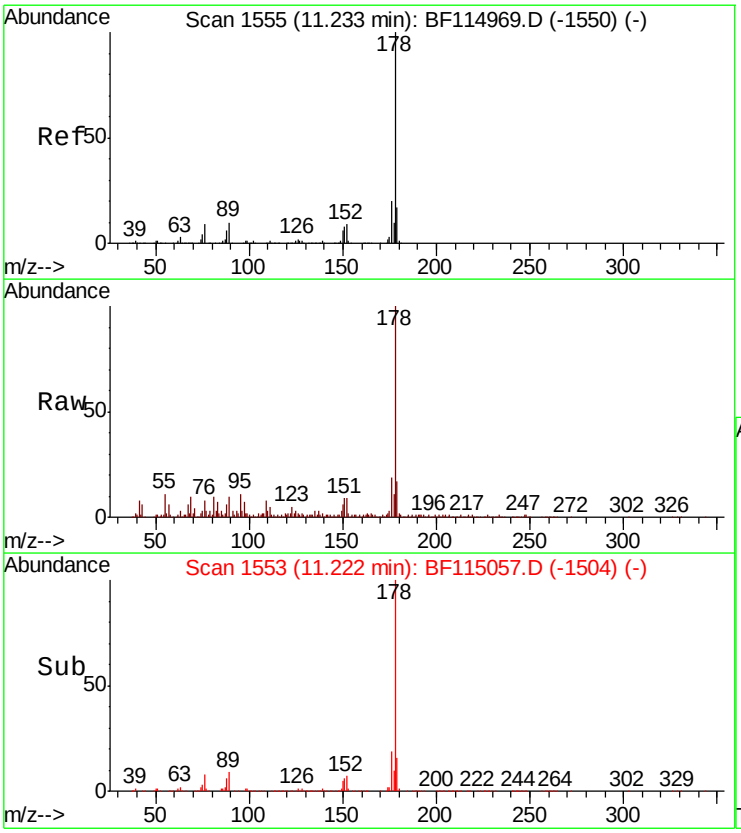
#71
Phenanthrene
Concen: 19.751 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Instrument :
BNA_F
ClientSampleId :
RBR-200029

Tgt Ion:178 Resp: 881524

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.9	25.3
179	16.3	13.4	20.0

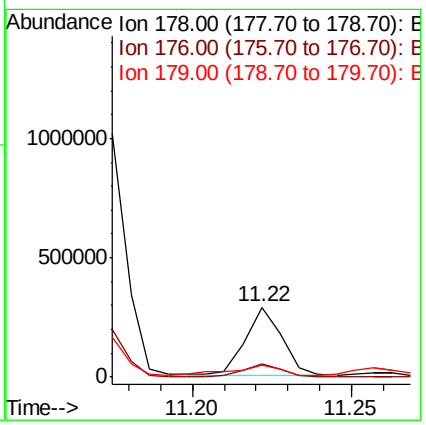


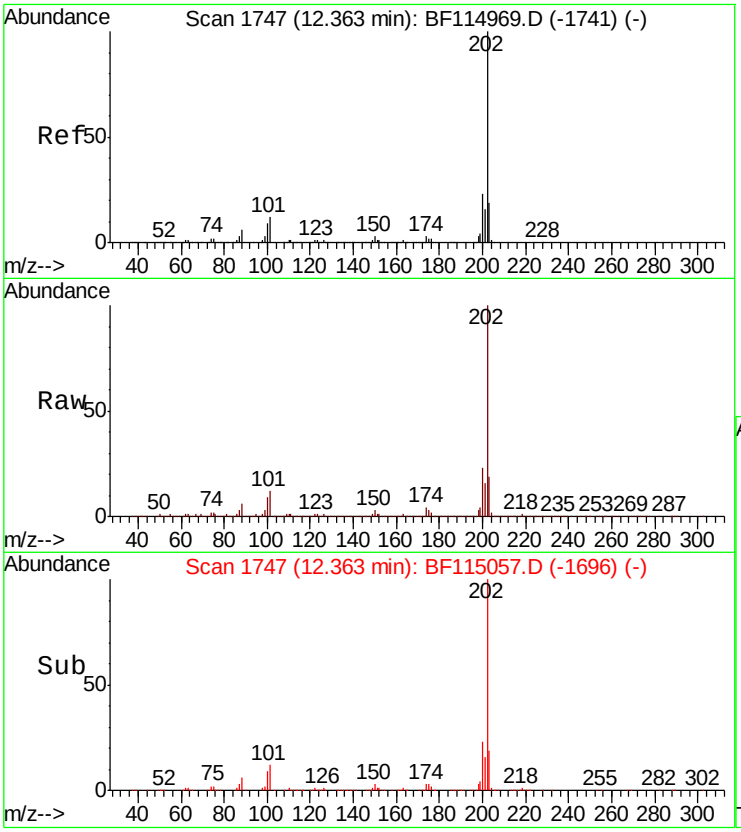


#72
Anthracene
Concen: 5.137 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Tgt Ion:178 Resp: 231280

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	16.8	13.2	19.8



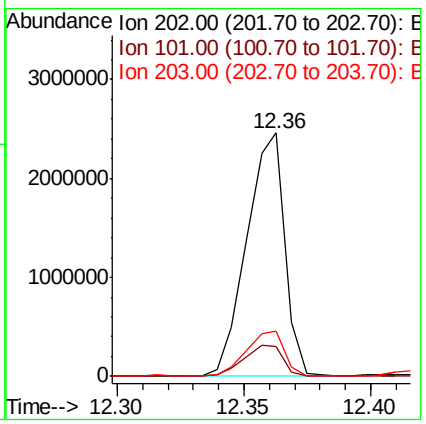


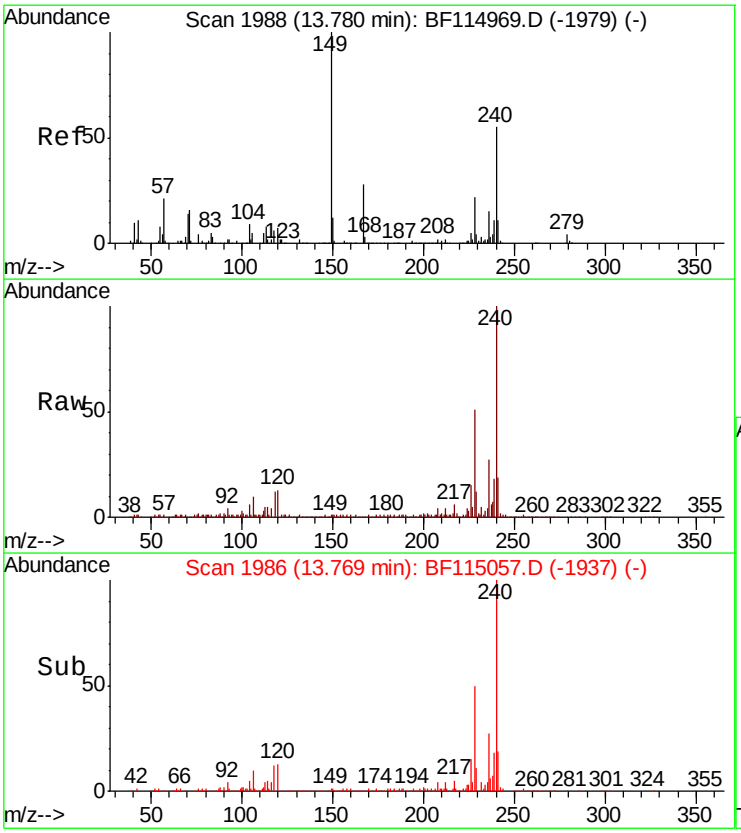
#75
Fluoranthene
Concen: 56.047 ng
RT: 12.36 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Instrument :
BNA_F
ClientSampleId :
RBR-200029

Tgt Ion:202 Resp: 2557828

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.4
203	18.7	0.0	38.6

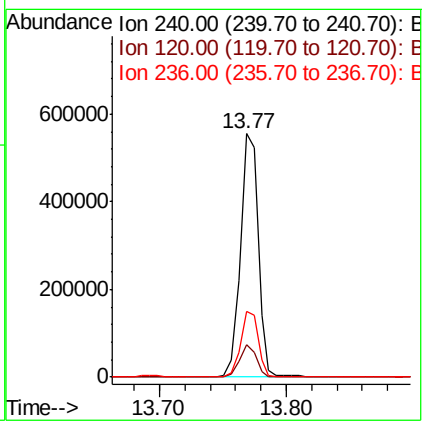


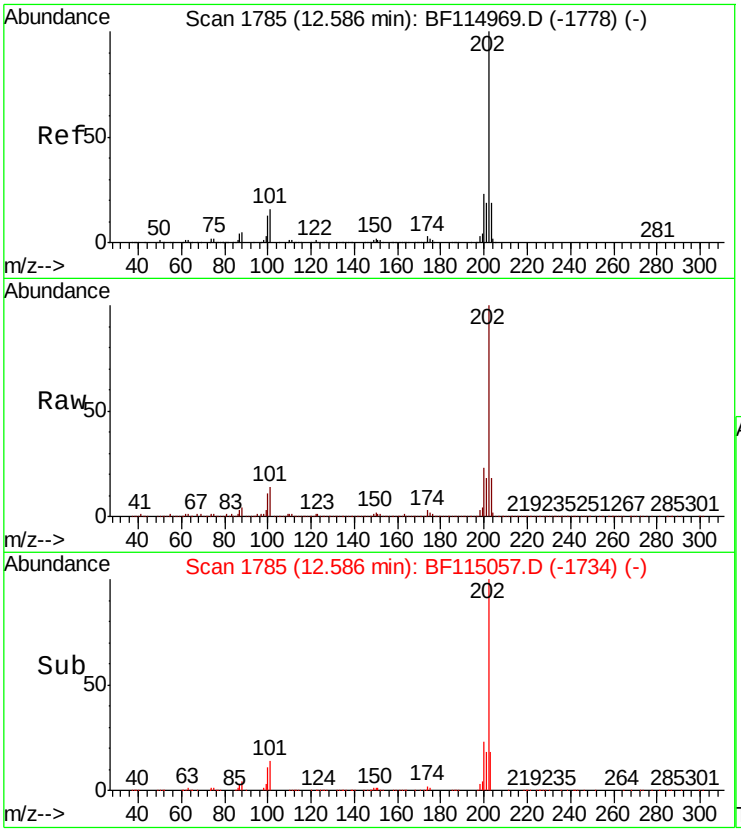


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Tgt Ion:240 Resp: 535726

Ion	Ratio	Lower	Upper
240	100		
120	13.3	10.0	15.0
236	26.8	21.6	32.4



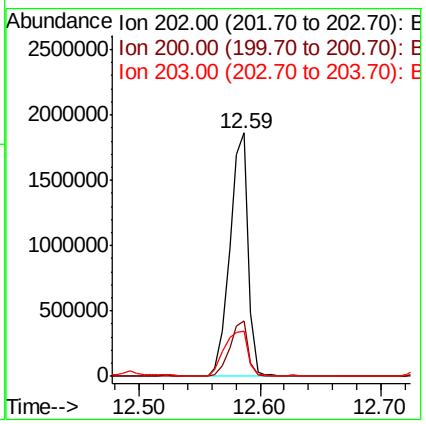


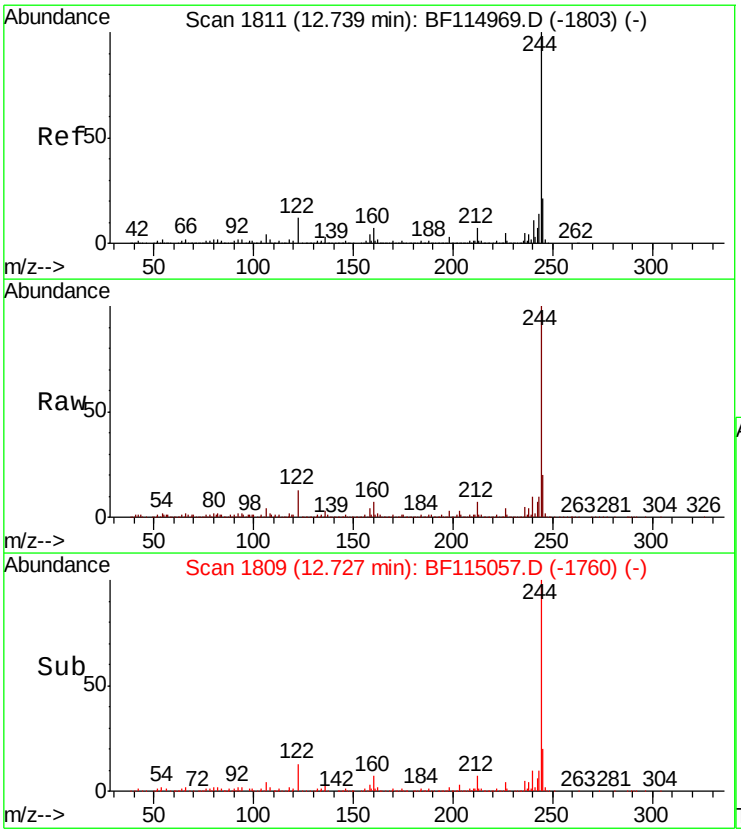
#78
Pyrene
Concen: 39.749 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Instrument :
BNA_F
ClientSampleId :
RBR-200029

Tgt Ion:202 Resp: 1939891

Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.4	27.6
203	18.3	14.9	22.3

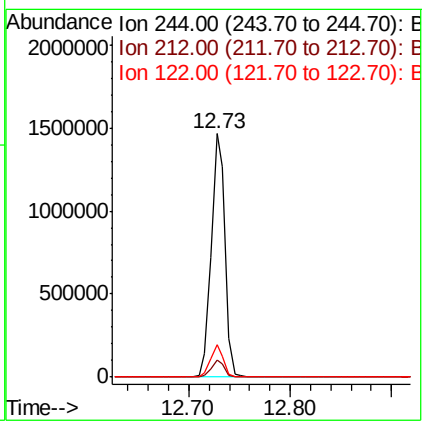


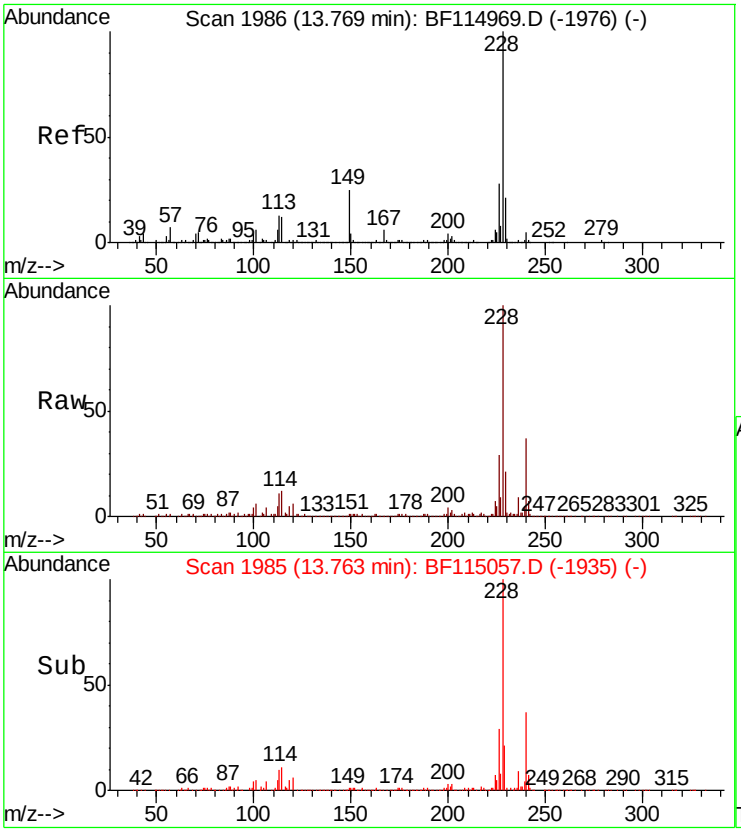


#79
Terphenyl-d14
Concen: 48.207 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Tgt Ion:244 Resp: 1373073

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.1	9.4	14.0



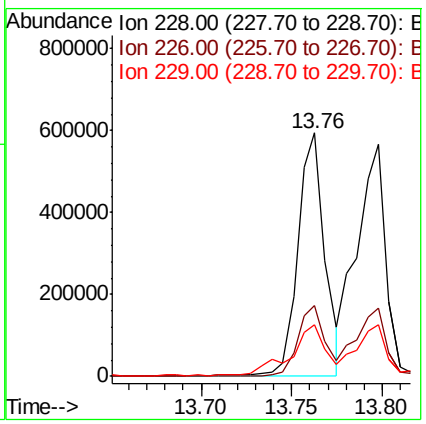


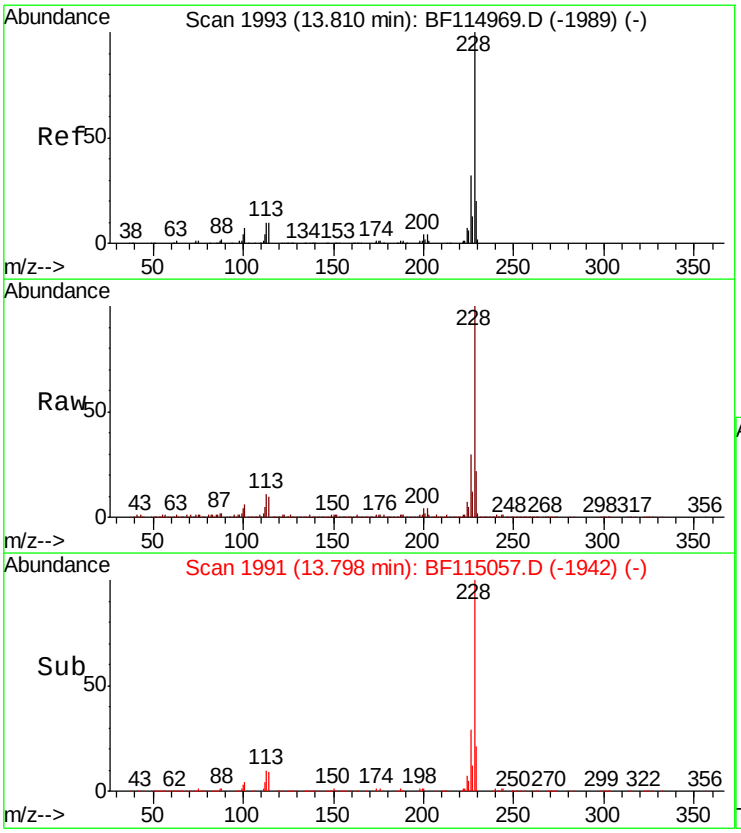
#81
Benzo(a)anthracene
Concen: 15.395 ng
RT: 13.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Instrument :
BNA_F
ClientSampleId :
RBR-200029

Tgt Ion:228 Resp: 617175

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.0	33.0
229	21.3	16.6	25.0

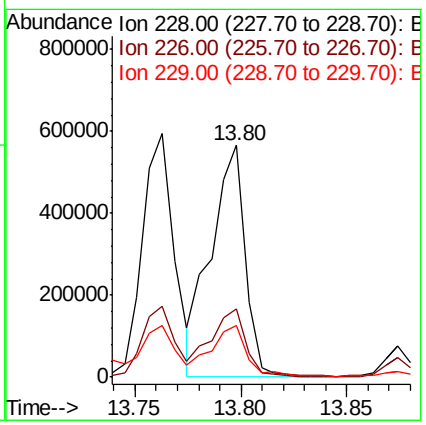


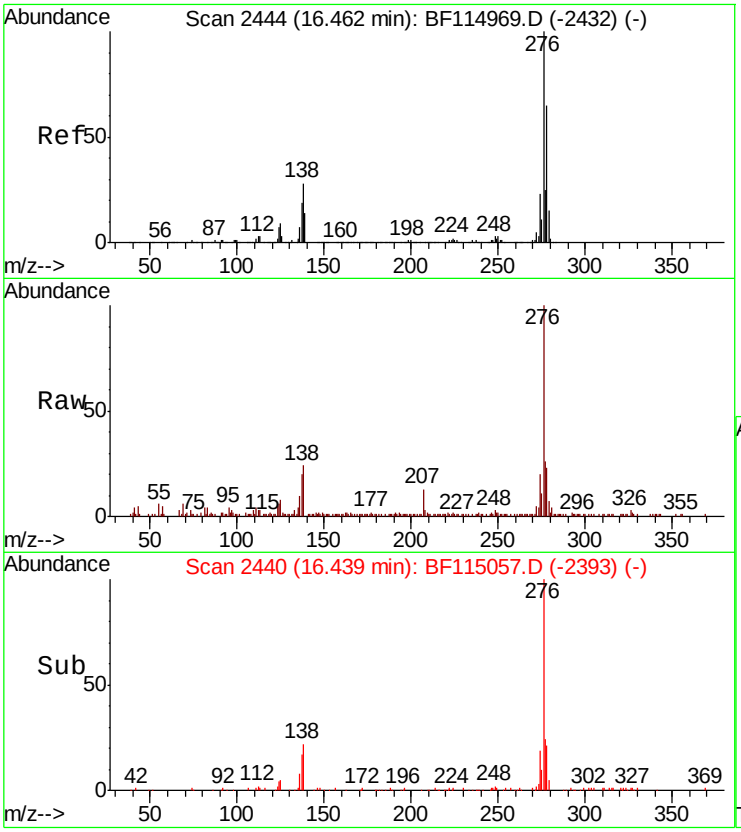


#83
Chrysene
Concen: 15.961 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Tgt Ion:228 Resp: 636308

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.4	38.0
229	22.4	16.4	24.6



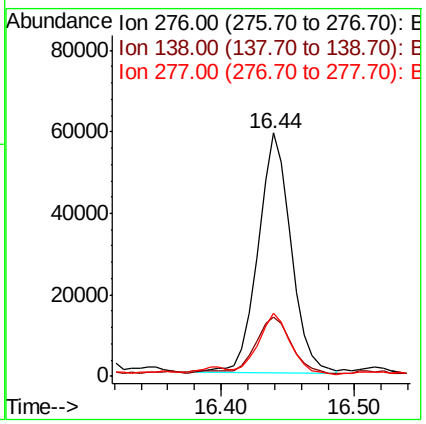


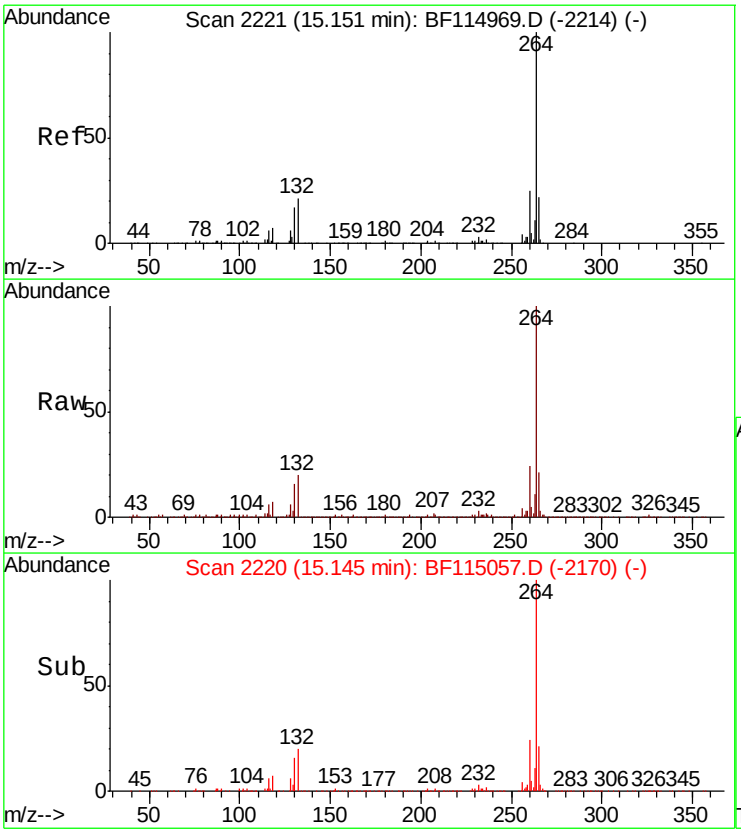
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.859 ng
RT: 16.44 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Instrument :
BNA_F
ClientSampleId :
RBR-200029

Tgt Ion:276 Resp: 100109

Ion	Ratio	Lower	Upper
276	100		
138	25.4	23.0	34.4
277	24.7	20.6	30.8

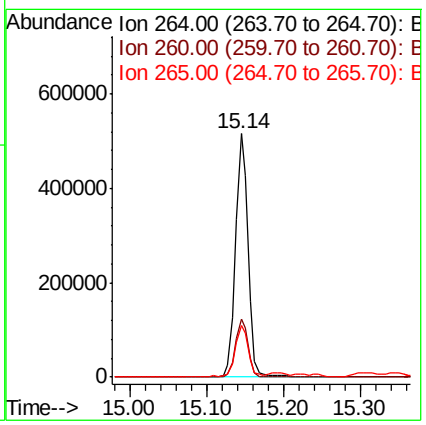


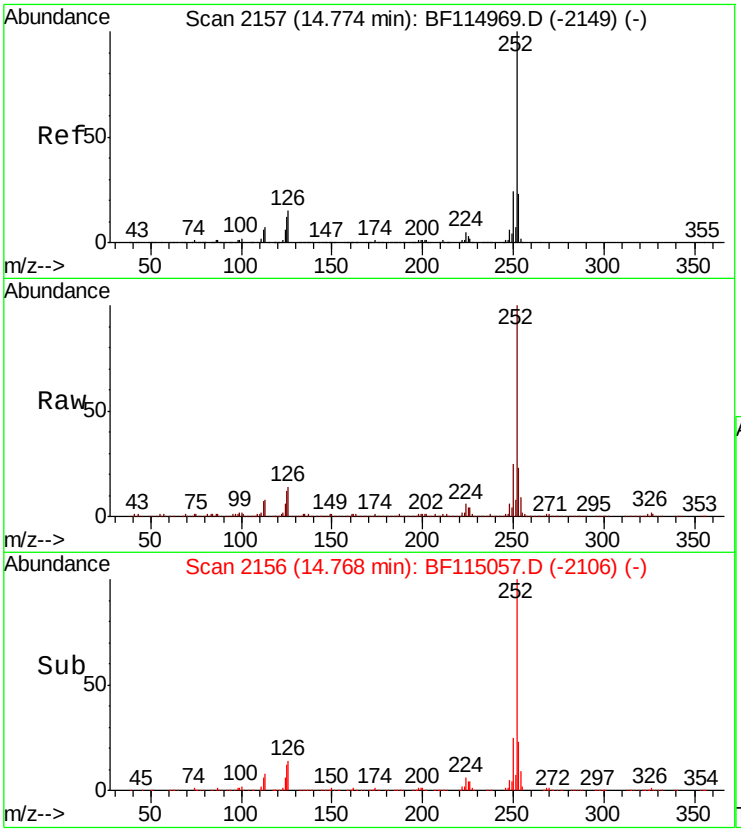


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Tgt Ion:264 Resp: 591898

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.9	29.9
265	21.2	17.6	26.4



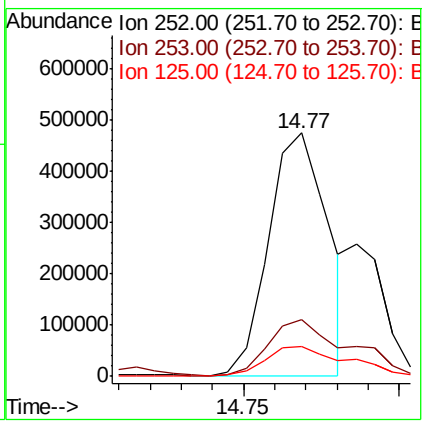


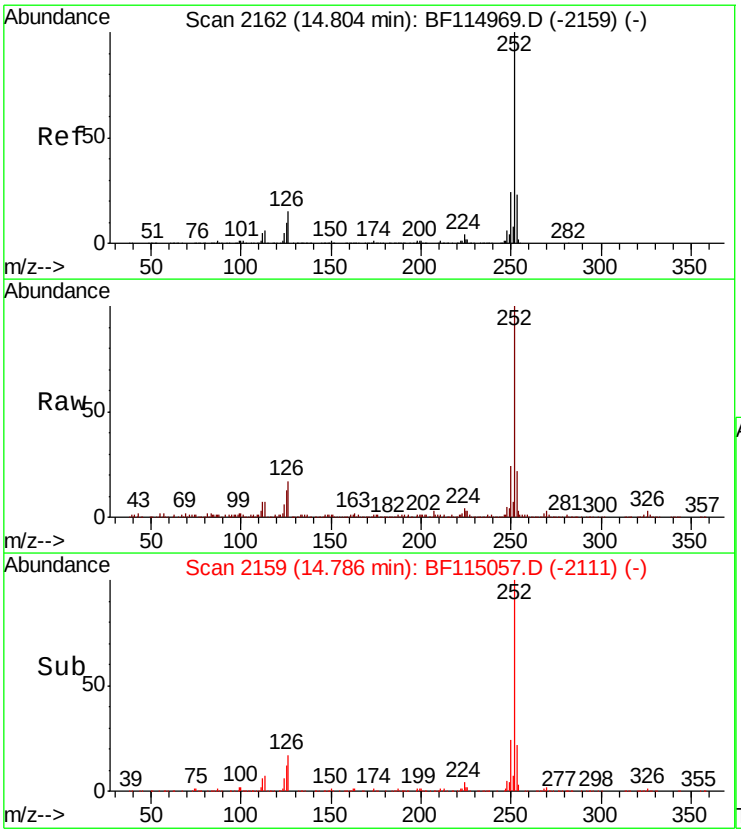
#88
Benzo(b)fluoranthene
Concen: 16.019 ng m
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Instrument :
BNA_F
ClientSampleId :
RBR-200029

Tgt Ion:252 Resp: 630291

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	12.3	9.4	14.0

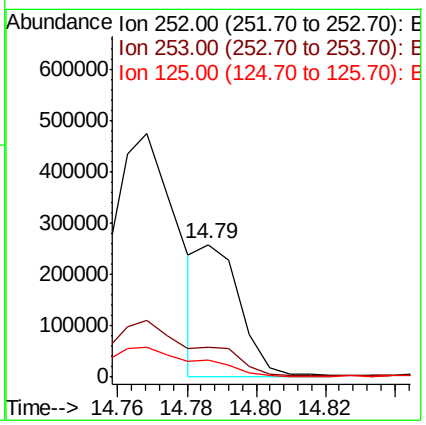


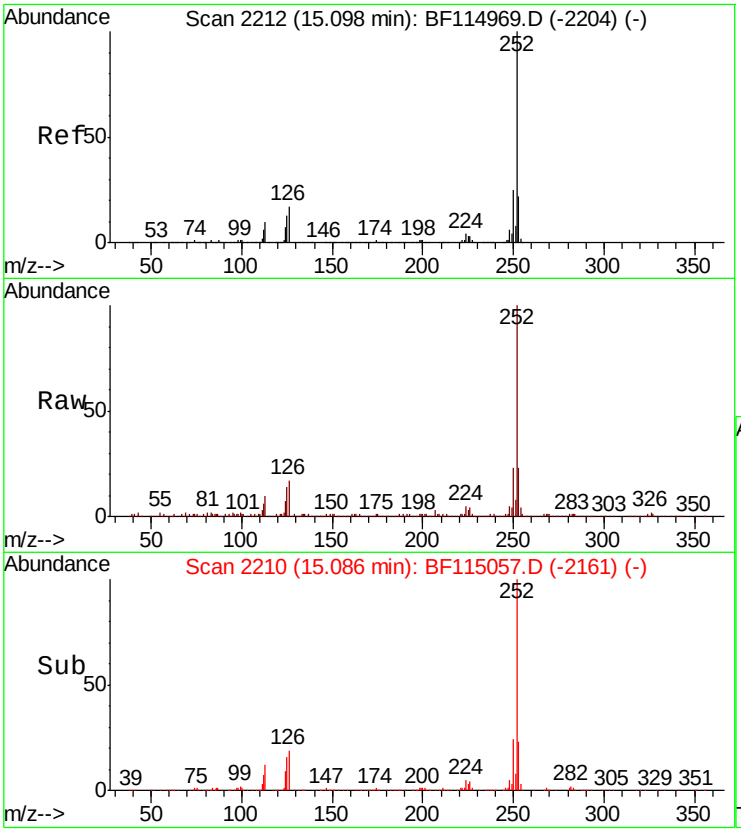


#89
Benzo(k)fluoranthene
Concen: 6.168 ng m
RT: 14.79 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Tgt Ion:252 Resp: 213025

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	12.5	8.2	12.4#



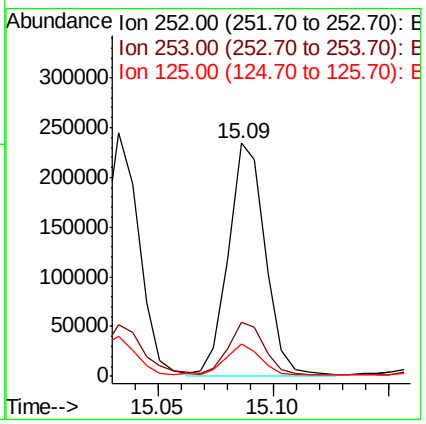


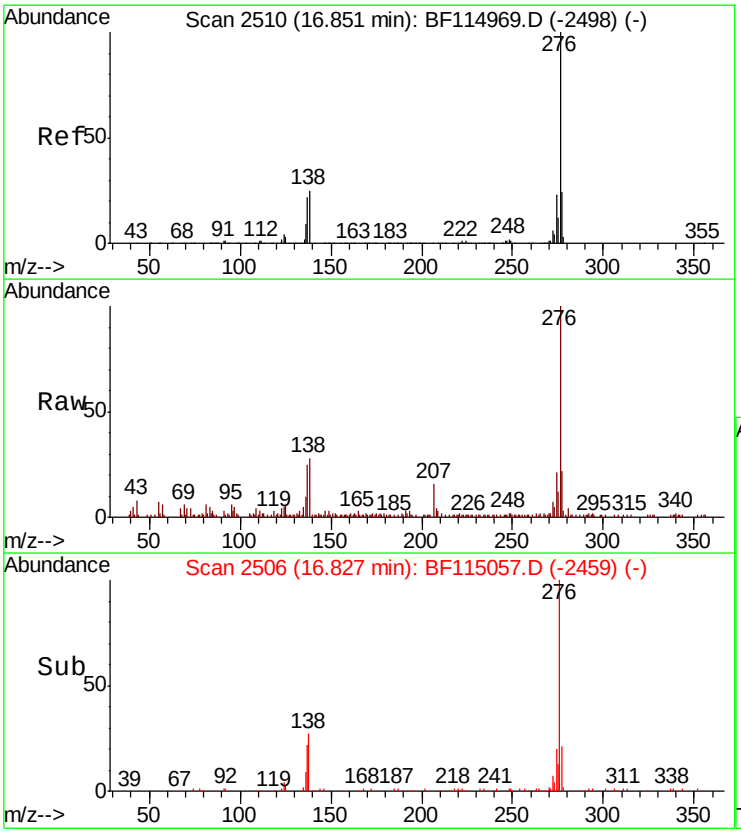
#90
Benzo(a)pyrene
Concen: 7.635 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Instrument :
BNA_F
ClientSampleId :
RBR-200029

Tgt Ion:252 Resp: 259239

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	13.7	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 2.643 ng
RT: 16.83 min Scan# 2506
Delta R.T. -0.02 min
Lab File: BF115057.D
Acq: 14 Jun 2019 23:03

Tgt Ion:276 Resp: 78811

Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.8	28.2
138	28.0	20.2	30.4