Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115617.D
Acq On : 17 Jul 2019 00:11
Operator : HP/JU
Sample : K3776-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 17 03:57:25 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	6.89	152	150519	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	474081	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	228335	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	438946	20.00	ng		0.00
76) Chrysene-d12	14.05	240	295476	20.00	ng		0.00
87) Perylene-d12	15.54	264	241548	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	204665	22.24	ng		0.00
7) Phenol-d6	6.51	99	380313	32.57	ng		0.00
23) Nitrobenzene-d5	7.44	82	184867	22.67	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	22230	8.34	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	377327	28.92	ng		-0.01
79) Terphenyl-d14	12.99	244	411919	25.72	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.44	82	178149	10.920	ng	#	65
50) Dimethylphthalate	9.63	163	35732	2.080	ng		98
51) 2,6-Dinitrotoluene	9.93	165	30935	7.924	ng	#	28
57) 2,4-Dinitrotoluene	9.93	165	30935	6.116	ng	#	25
71) Phenanthrene	11.43	178	101643	4.517	ng		97
75) Fluoranthene	12.62	202	180249	7.581	ng		99
78) Pyrene	12.85	202	170733	6.820	ng		97
81) Benzo(a)anthracene	14.04	228	63304	3.252	ng	#	93
83) Chrysene	14.07	228	64803	3.316	ng	#	89
88) Benzo(b)fluoranthene	15.10	252	70784	4.551	ng	#	56
89) Benzo(k)fluoranthene	15.10	252	70784	5.104	ng	#	57
90) Benzo(a)pyrene	15.47	252	37000	2.768	ng	#	54
92) Benzo(g,h,i)perylene	17.48	276	25794	2.204	ng	#	64

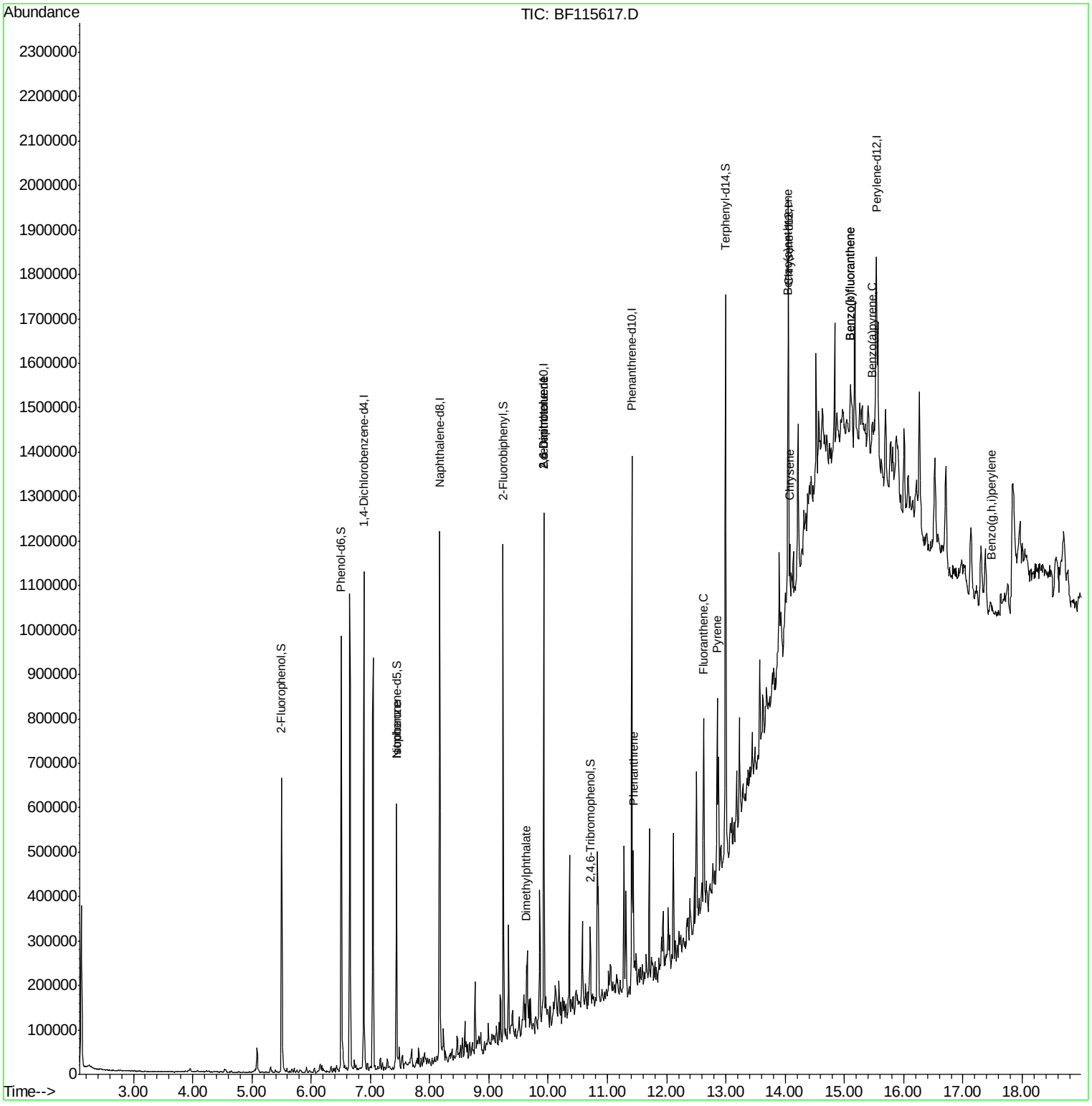
(#) = qualifier out of range (m) = manual integration (+) = signals summed

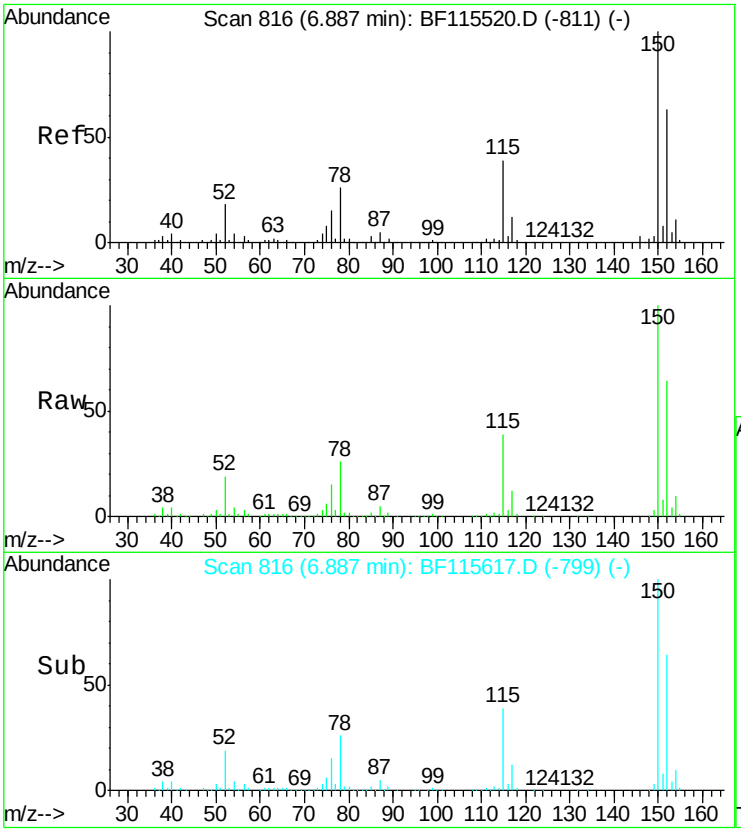
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115617.D
Acq On : 17 Jul 2019 00:11
Operator : HP/JU
Sample : K3776-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 17 03:57:25 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



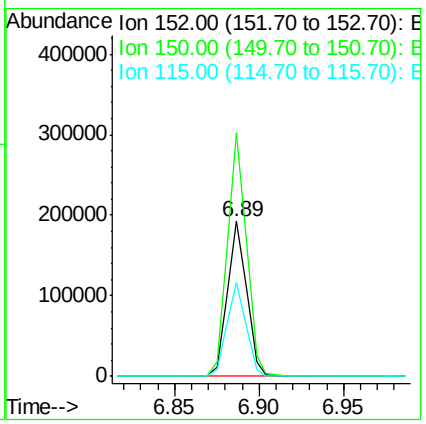


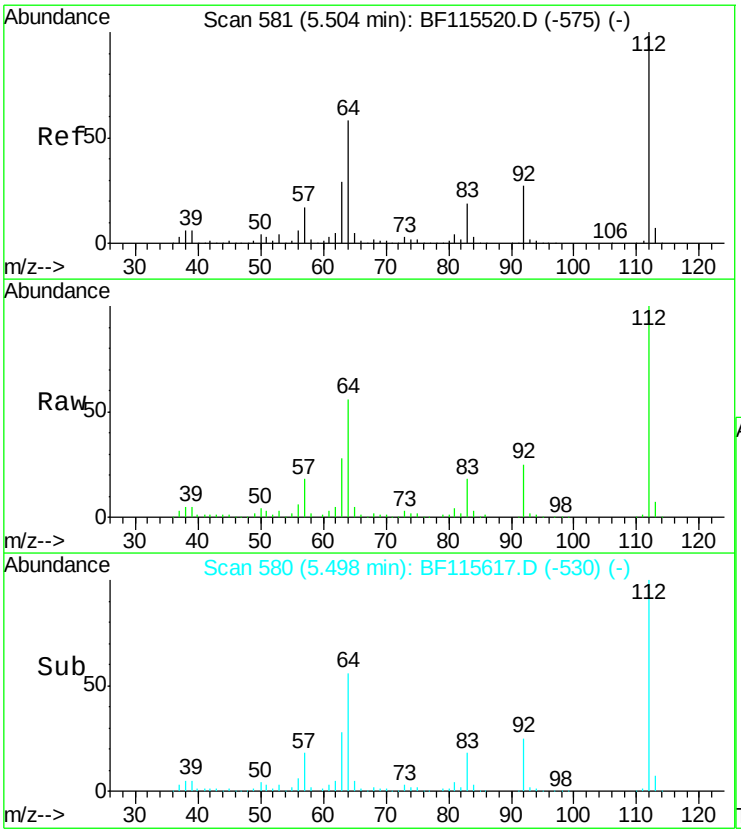
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 150519

Ion	Ratio	Lower	Upper
152	100		
150	157.3	129.7	194.5
115	60.6	48.2	72.4

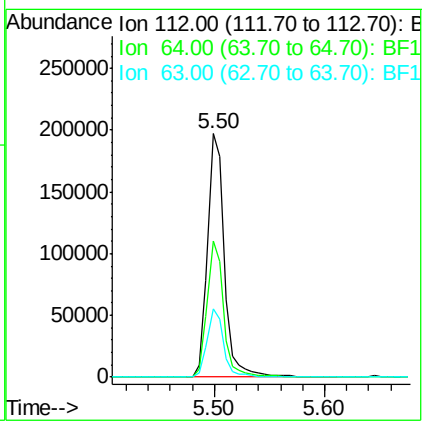


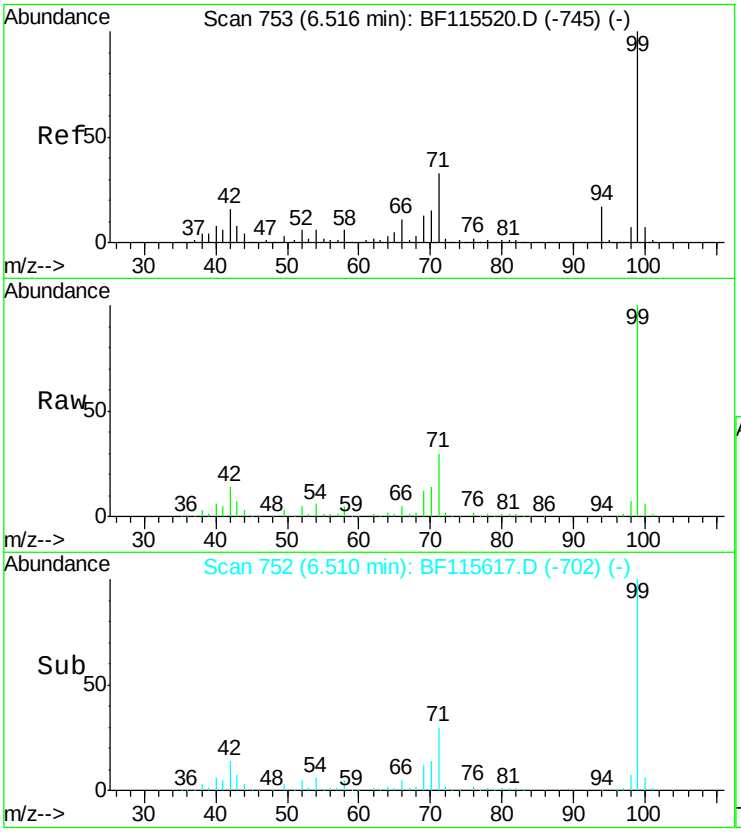


#5
2-Fluorophenol
Concen: 22.241 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Tgt Ion:112 Resp: 204665

Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.8	70.2
63	28.1	24.1	36.1



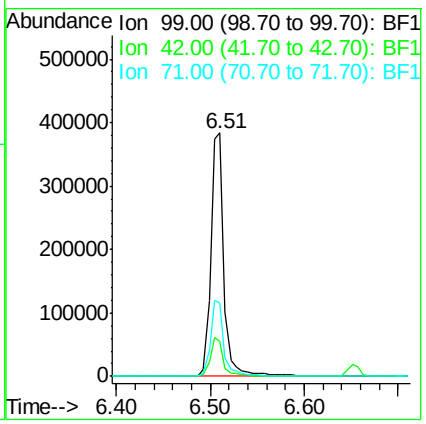


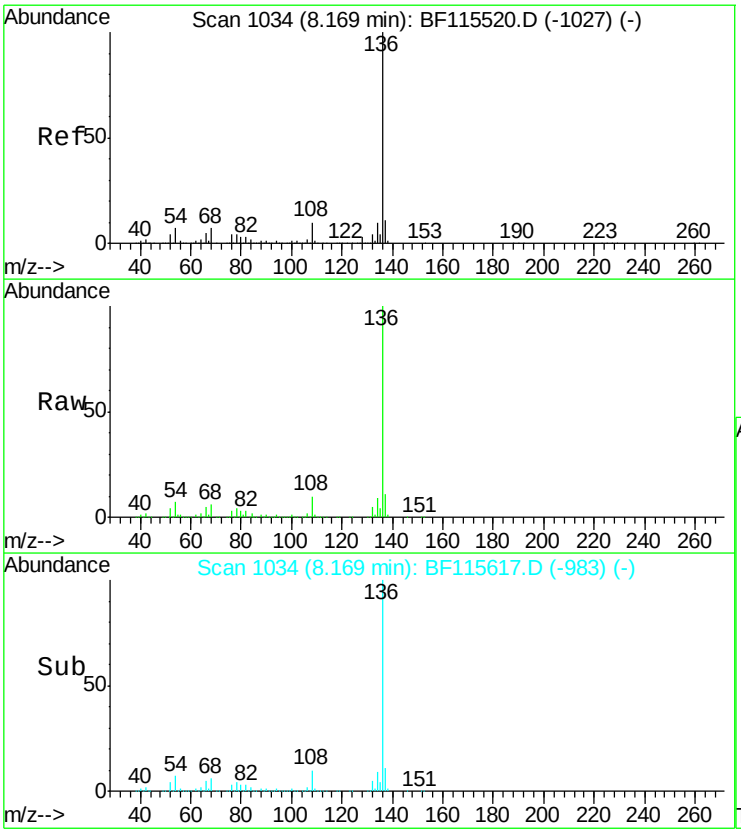
#7
Phenol-d6
Concen: 32.571 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 380313

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.6	20.4
71	30.0	28.5	42.7

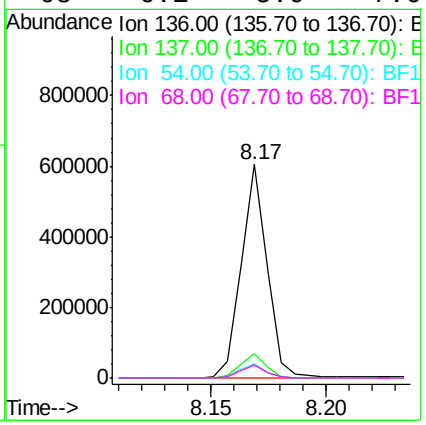


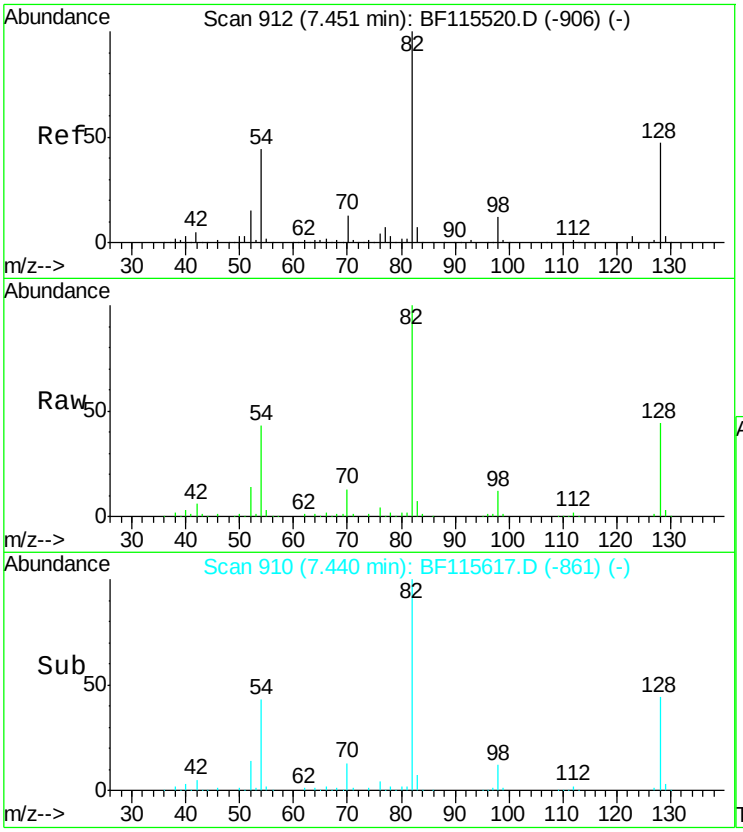


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Tgt Ion:136 Resp: 474081

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.6	5.6	8.4
68	6.1	5.0	7.6



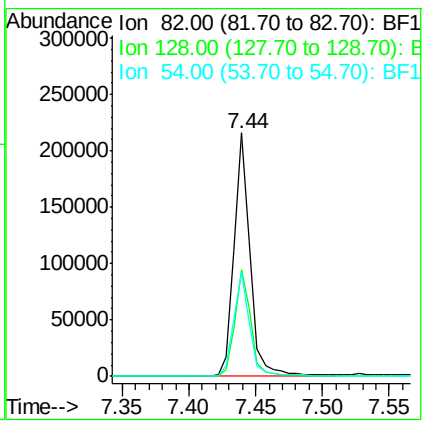


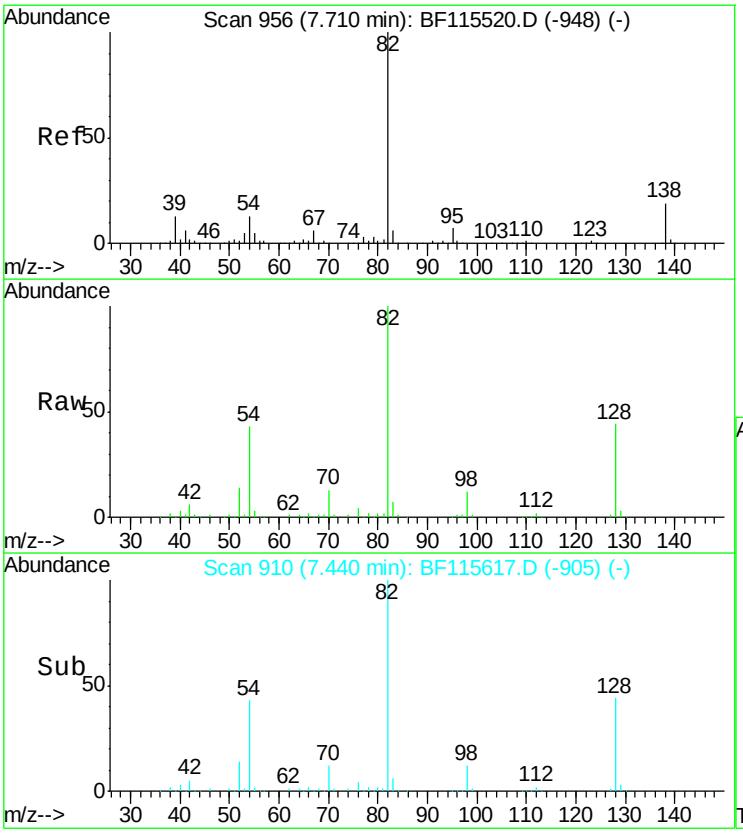
#23
Nitrobenzene-d5
Concen: 22.674 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 184867

Ion	Ratio	Lower	Upper
82	100		
128	43.8	38.6	57.8
54	42.5	35.6	53.4

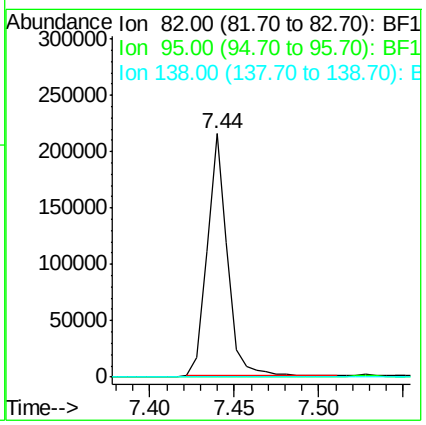


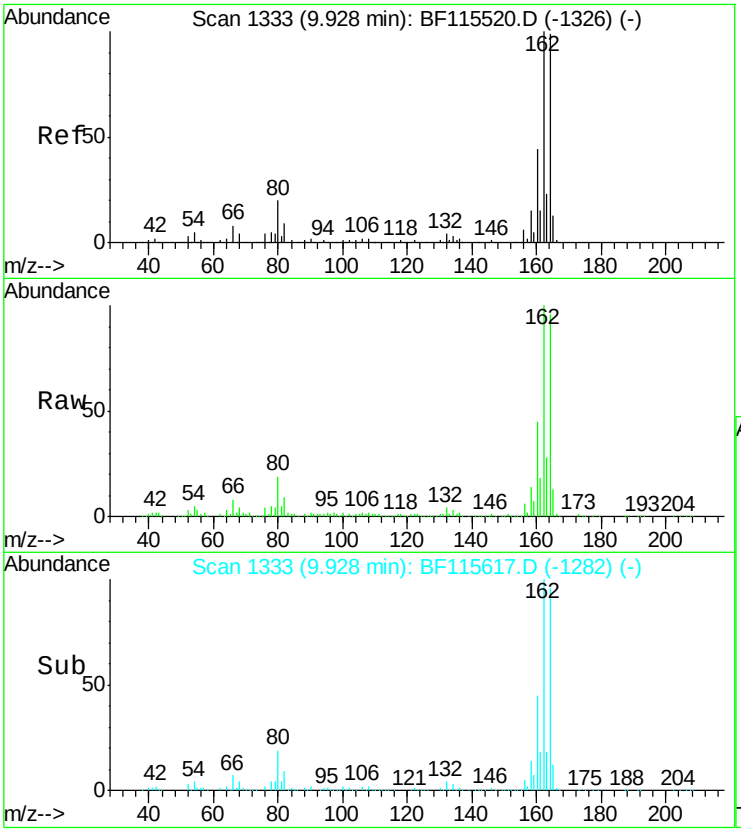


#25
Isophorone
Concen: 10.920 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Tgt Ion: 82 Resp: 178149

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.5	8.3#
138	0.0	14.9	22.3#



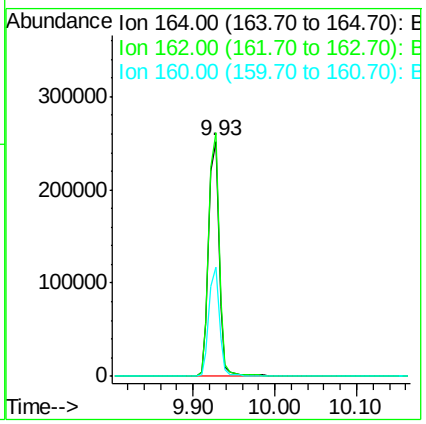


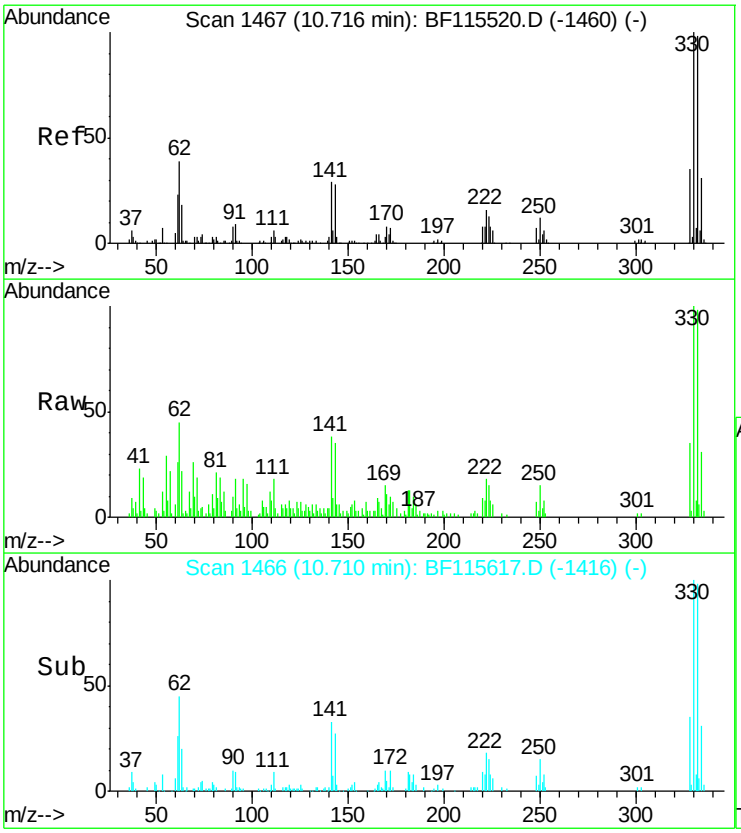
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 228335

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.9	124.3
160	46.6	36.8	55.2

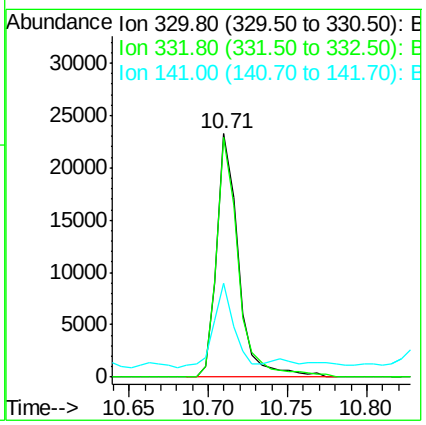


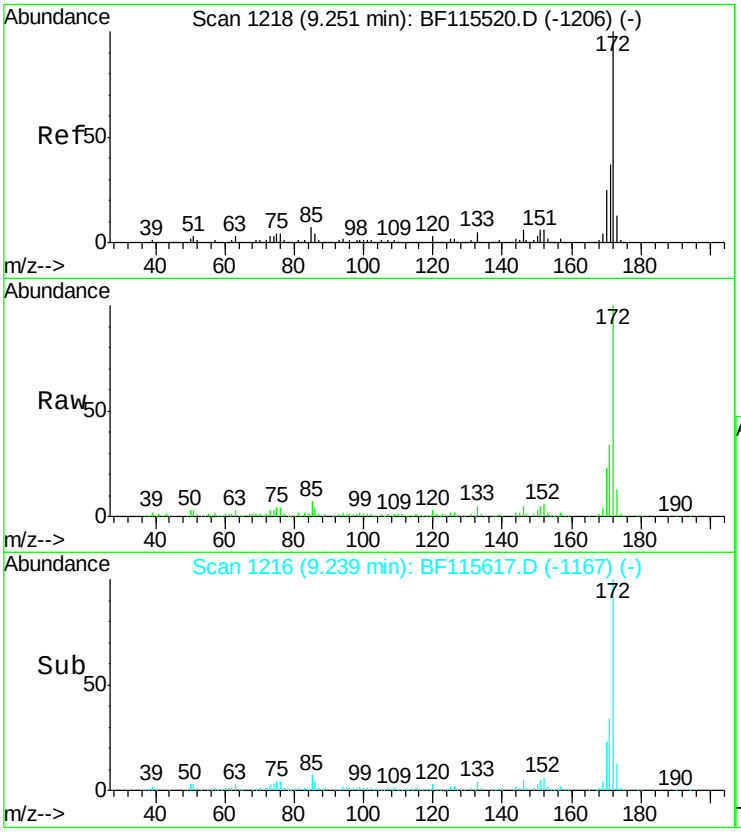


#42
2,4,6-Tribromophenol
Concen: 8.341 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Tgt Ion:330 Resp: 22230

Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.4	116.2
141	32.0	22.4	33.6



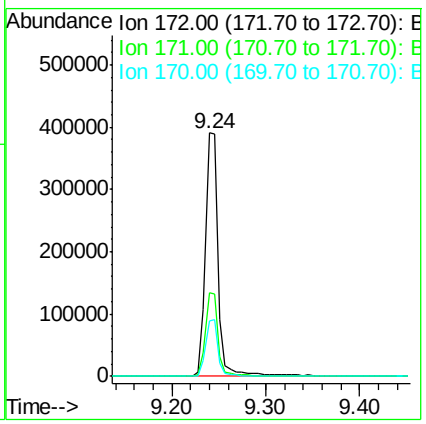


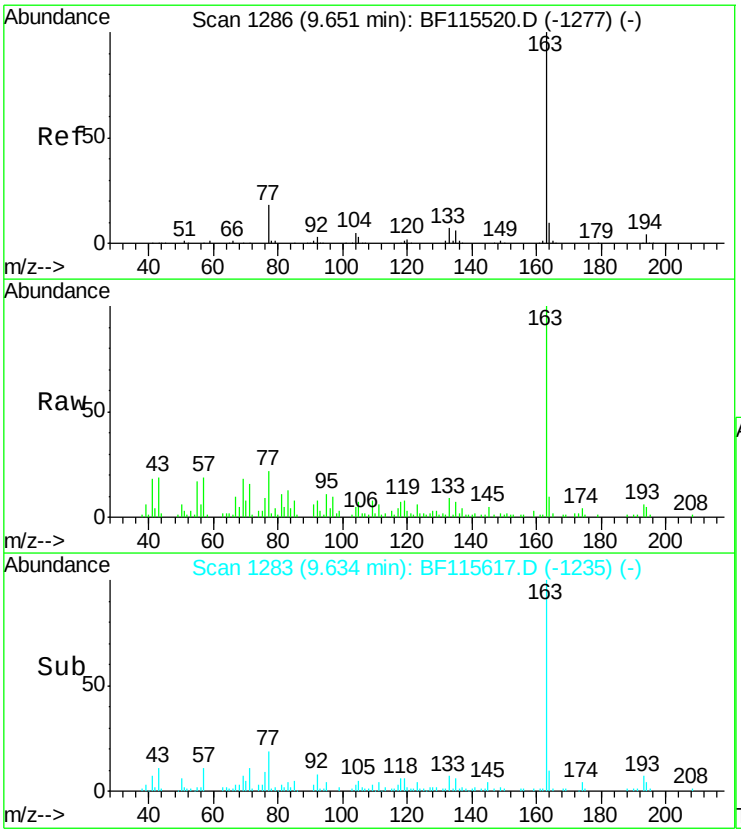
#45
2-Fluorobiphenyl
Concen: 28.924 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 377327

Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.6	46.0
170	22.9	20.5	30.7

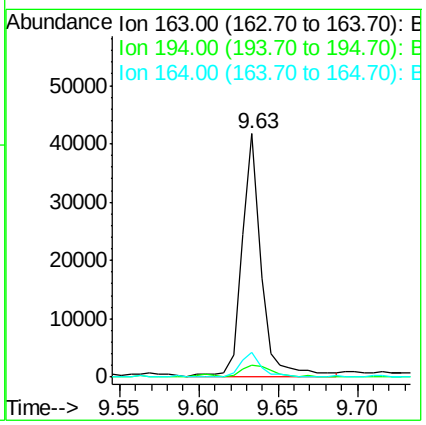


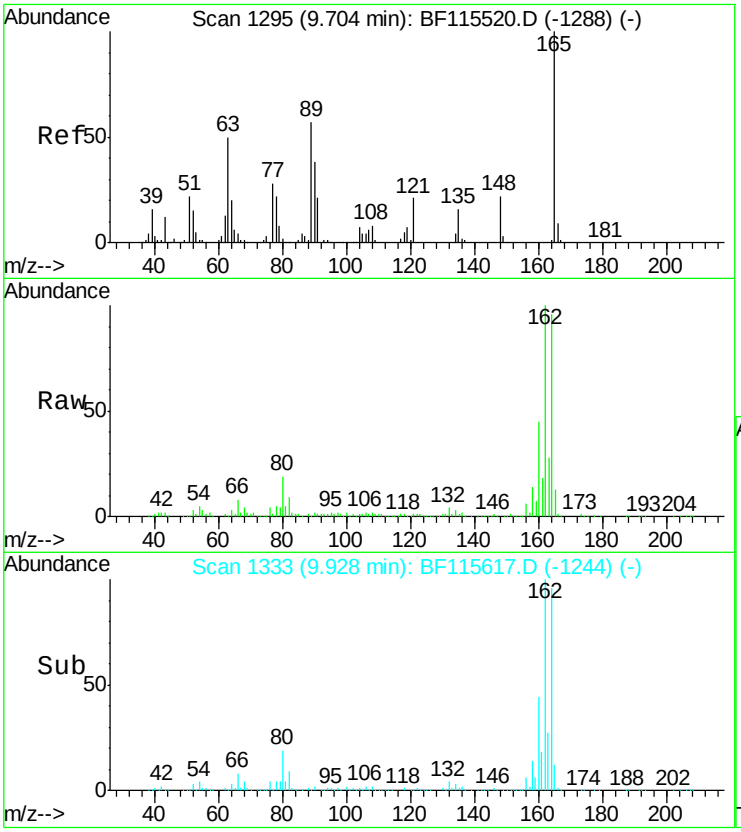


#50
Dimethylphthalate
Concen: 2.080 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Tgt Ion:163 Resp: 35732

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.3	4.9
164	10.4	8.7	13.1



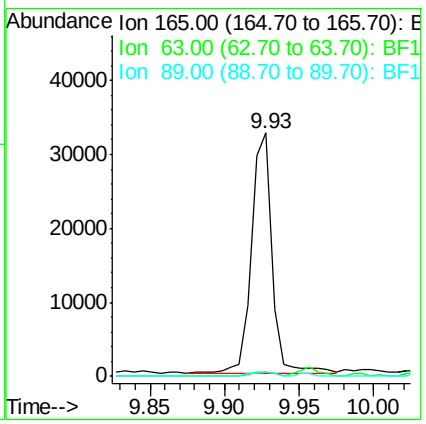


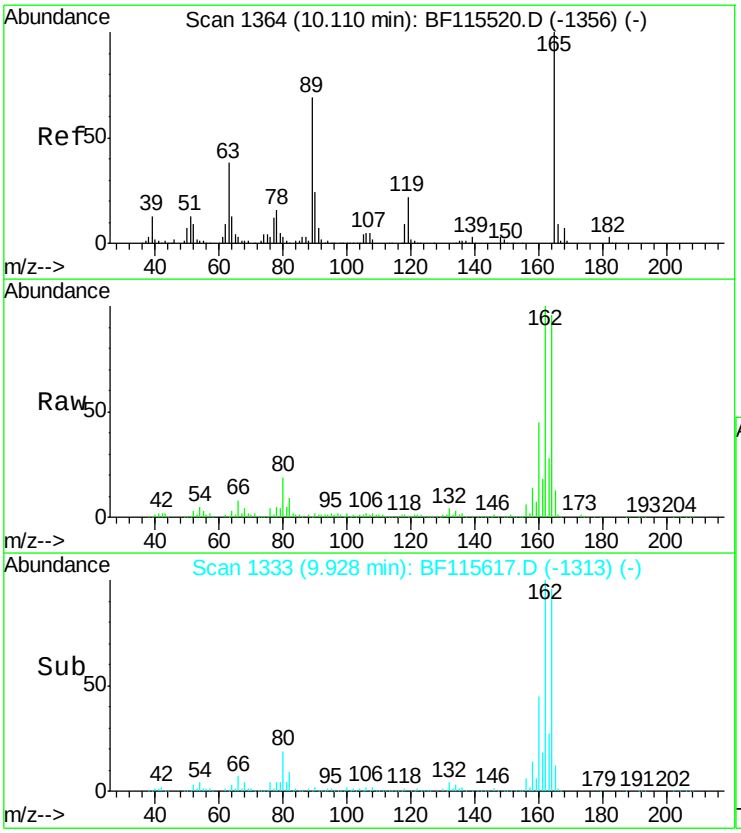
#51
2,6-Dinitrotoluene
Concen: 7.924 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30935

Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.6	61.0#
89	1.8	43.9	65.9#

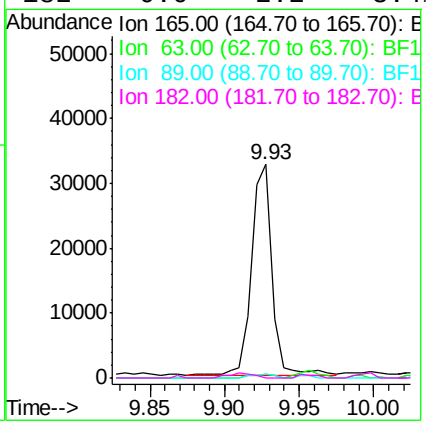


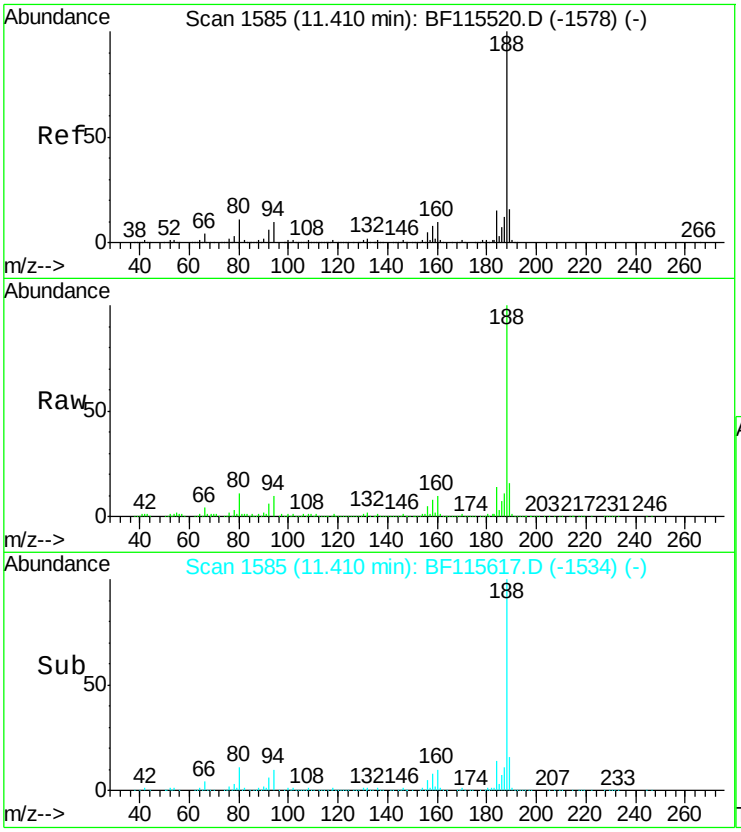


#57
2,4-Dinitrotoluene
Concen: 6.116 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Tgt Ion:165 Resp: 30935

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.9	52.3#
89	1.8	57.5	86.3#
182	0.0	2.2	3.4#



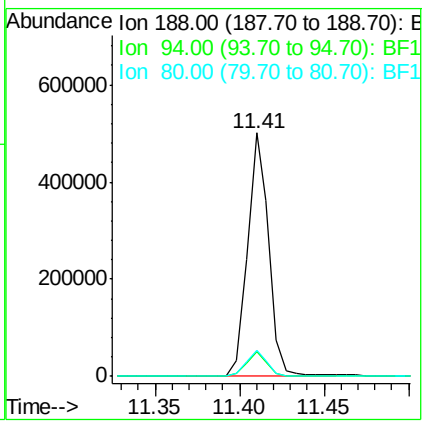


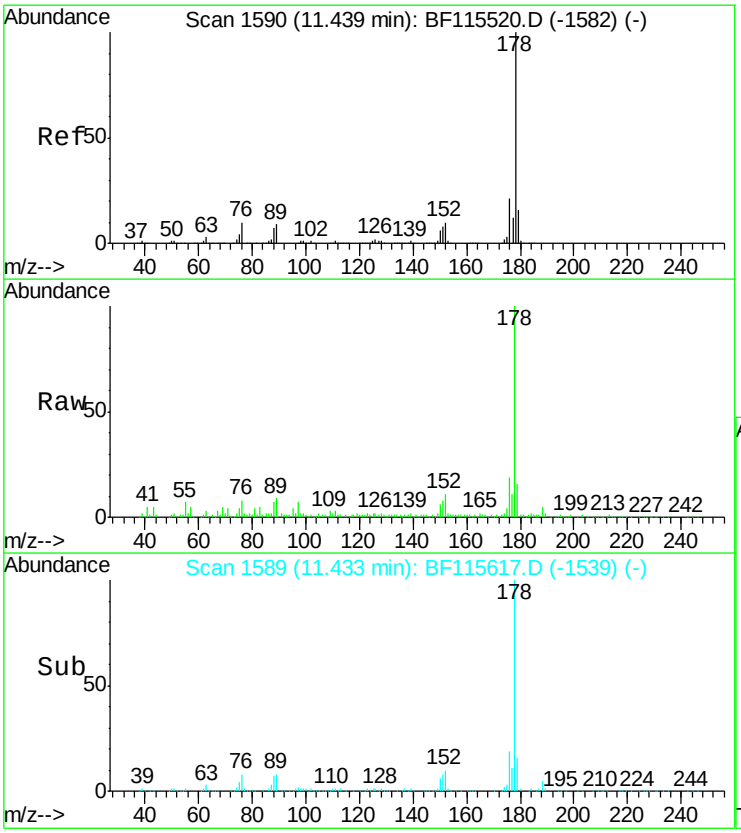
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 438946

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.8	11.6
80	10.7	8.6	13.0

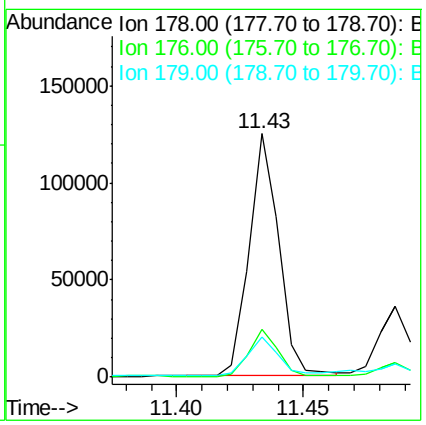


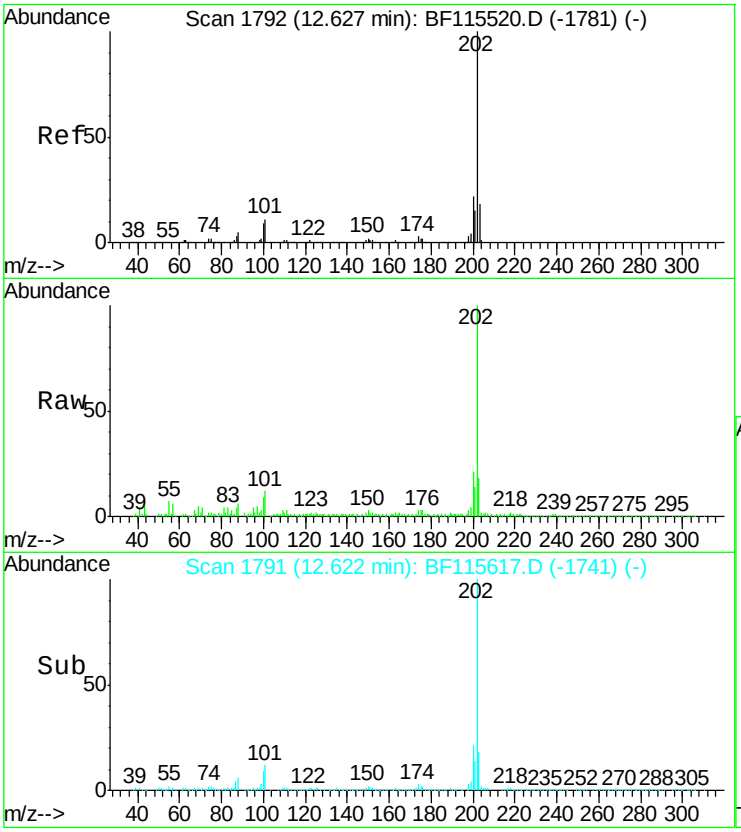


#71
Phenanthrene
Concen: 4.517 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Tgt Ion:178 Resp: 101643

Ion	Ratio	Lower	Upper
178	100		
176	19.5	17.2	25.8
179	16.5	13.5	20.3



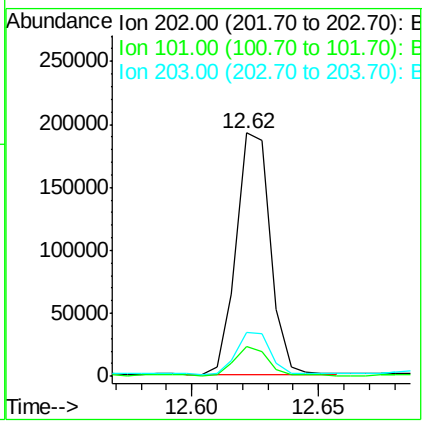


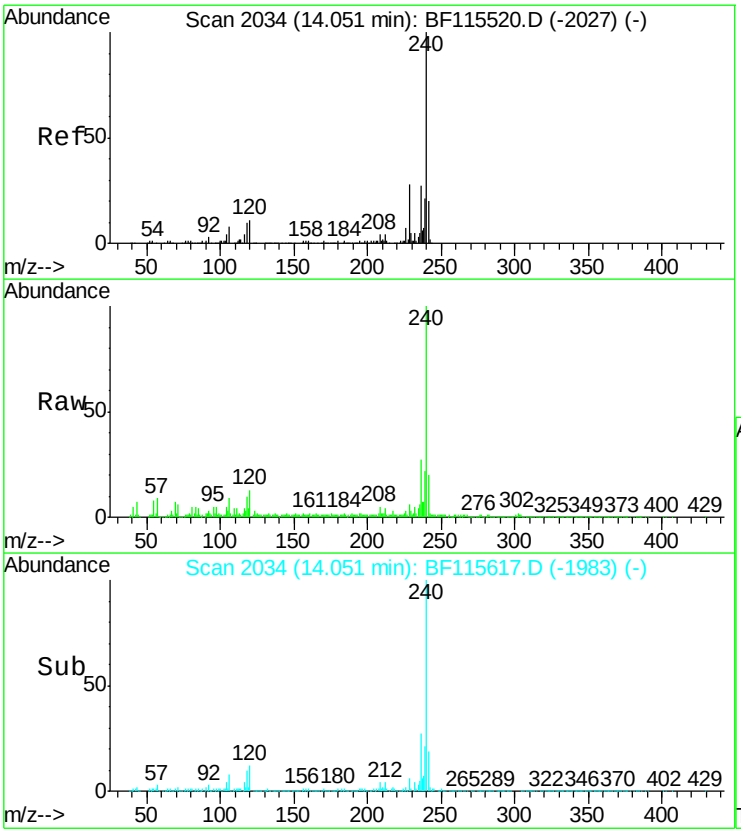
#75
Fluoranthene
Concen: 7.581 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 180249

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.4
203	18.3	0.0	38.1

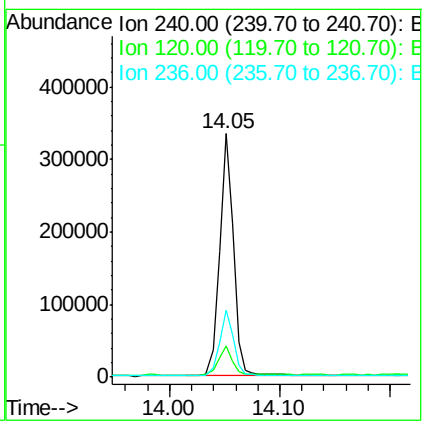


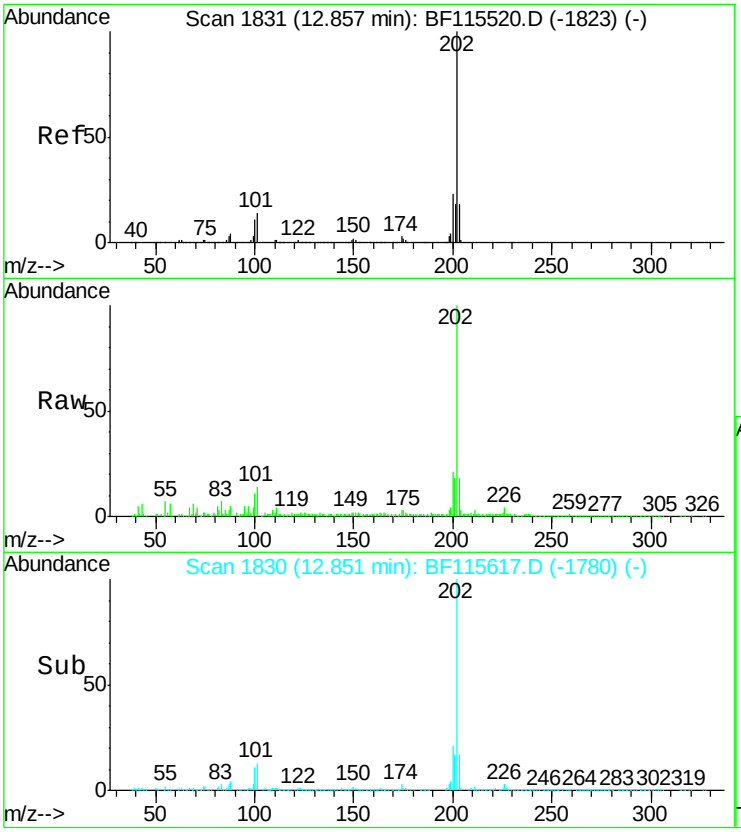


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Tgt Ion:240 Resp: 295476

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.6	13.0
236	27.3	21.3	31.9



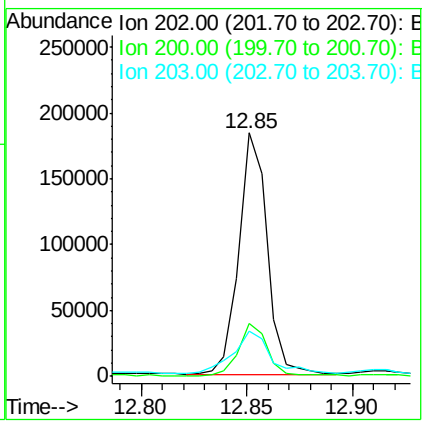


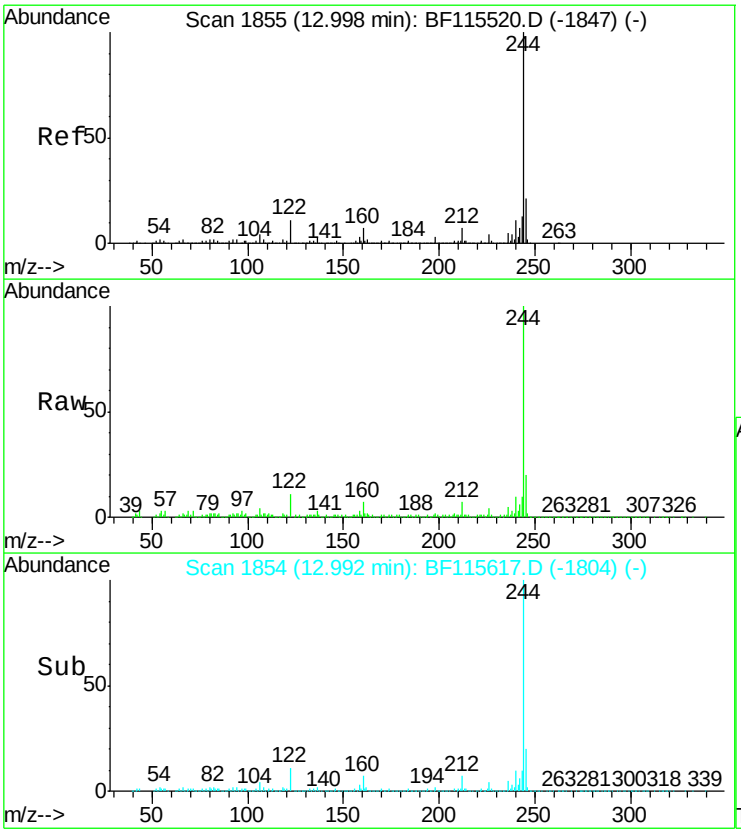
#78
Pyrene
Concen: 6.820 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 170733

Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.7	28.1
203	18.4	15.2	22.8

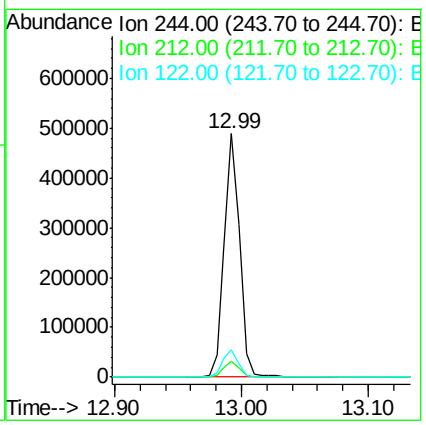


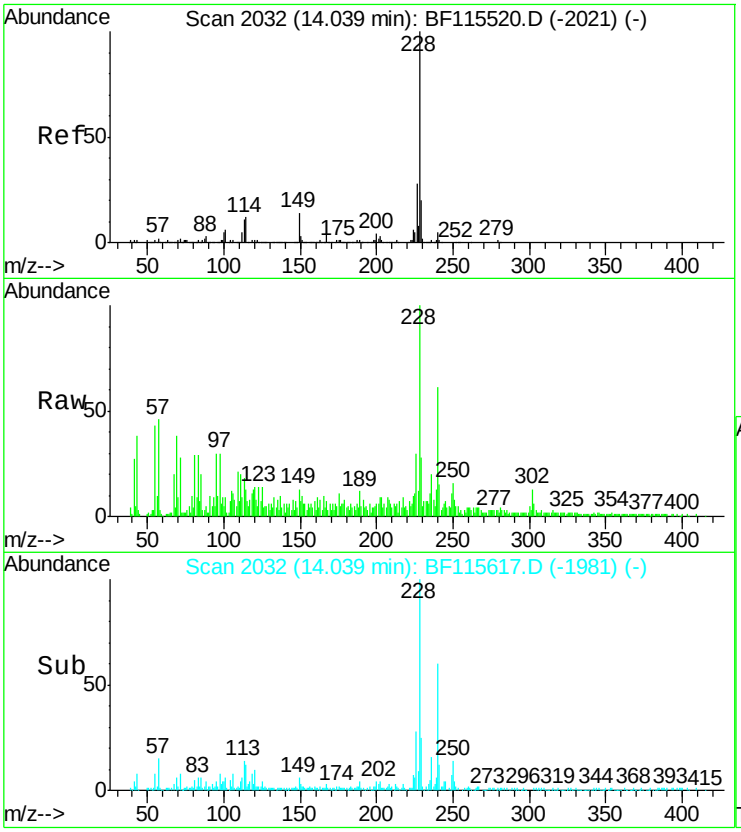


#79
Terphenyl-d14
Concen: 25.723 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Tgt Ion:244 Resp: 411919

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	11.3	8.6	12.8



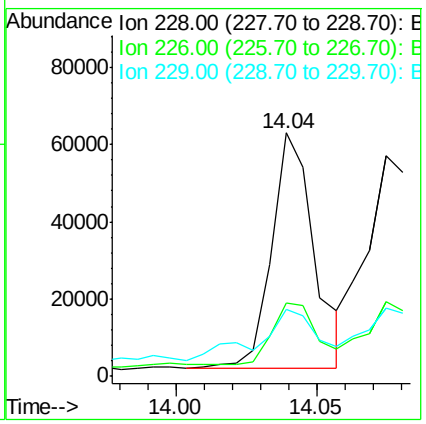


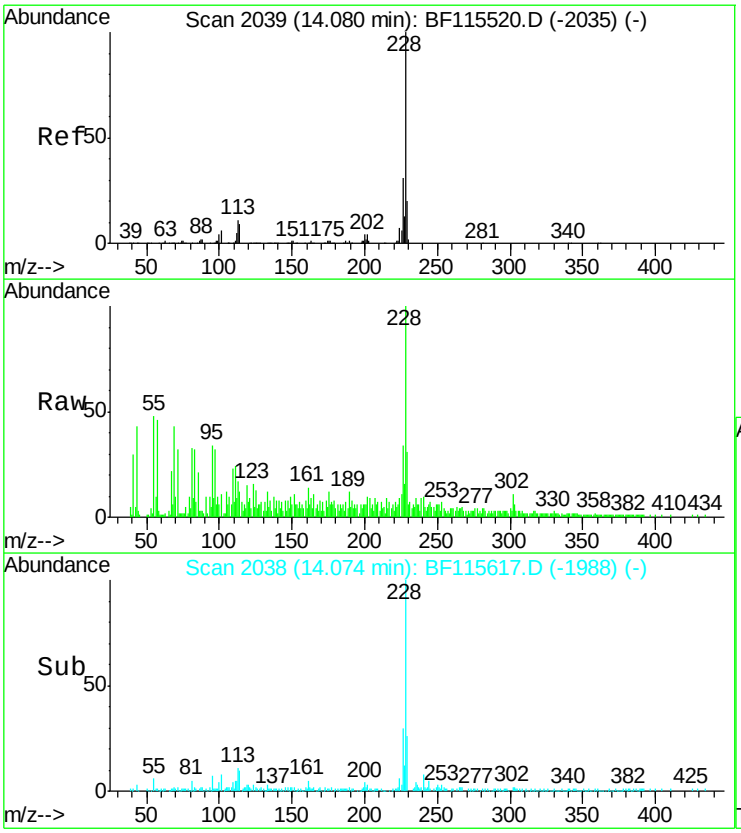
#81
Benzo(a)anthracene
Concen: 3.252 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 63304

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	27.5	17.2	25.8#

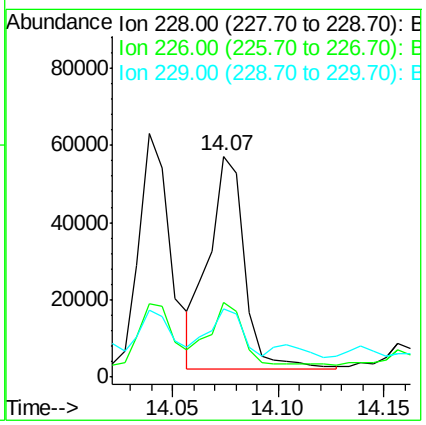


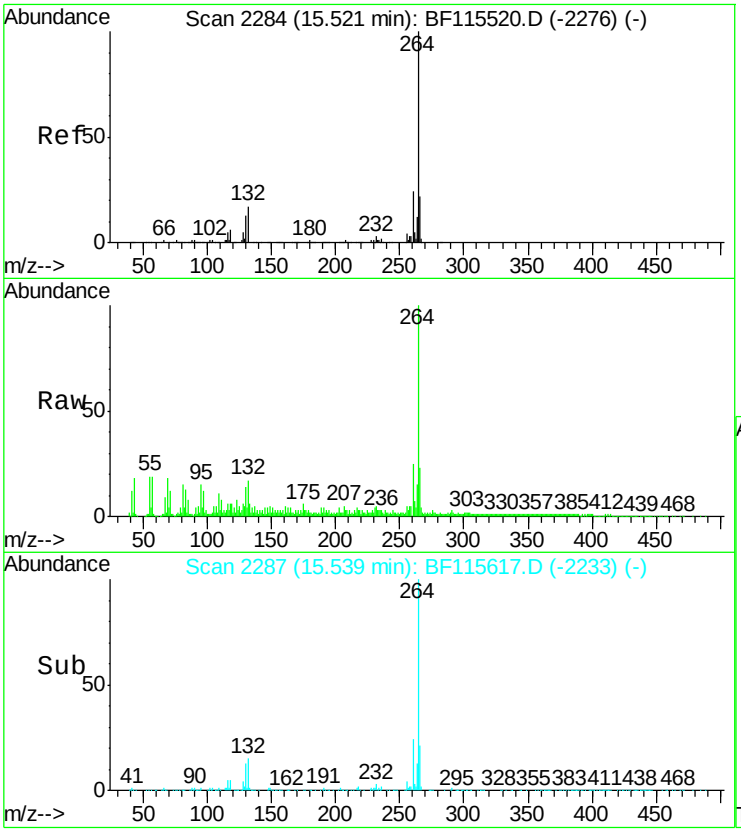


#83
Chrysene
Concen: 3.316 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Tgt Ion:228 Resp: 64803

Ion	Ratio	Lower	Upper
228	100		
226	34.0	25.7	38.5
229	31.1	16.6	25.0#



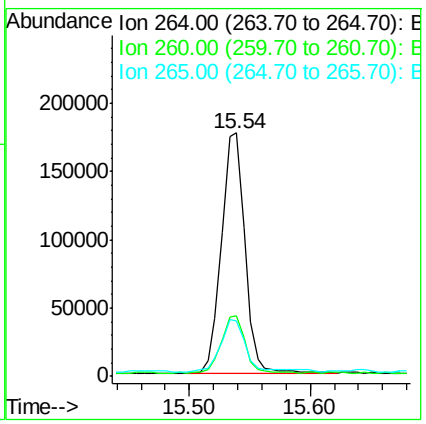


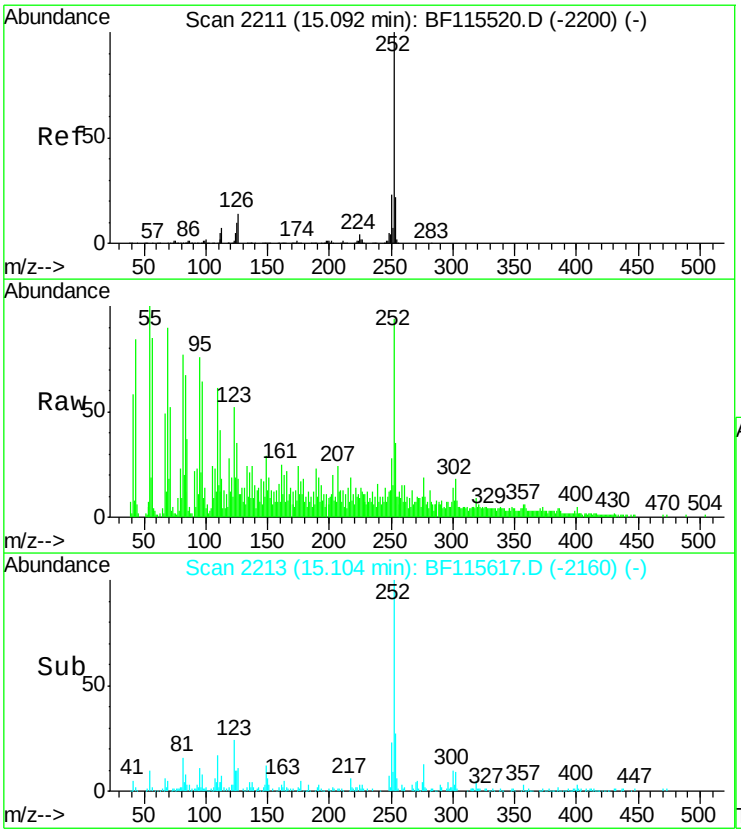
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 241548

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.8
265	23.0	17.7	26.5

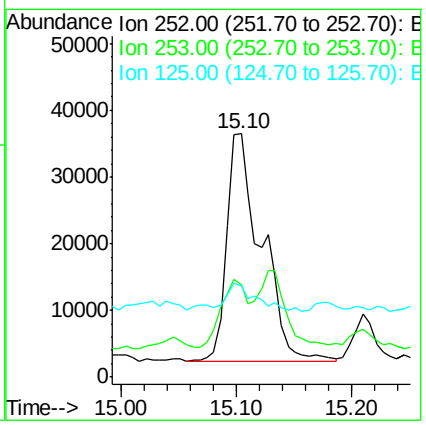


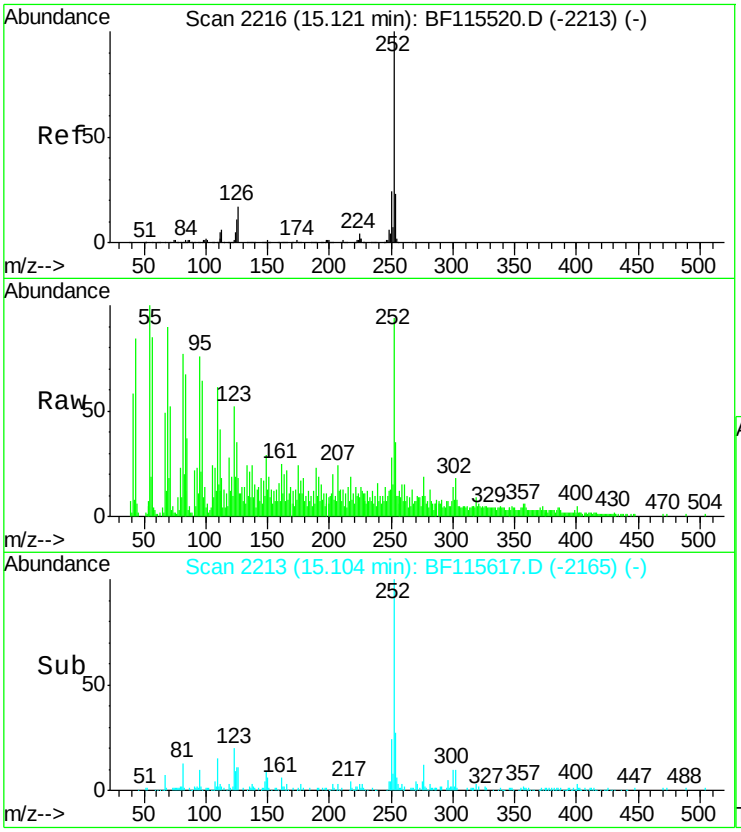


#88
Benzo(b)fluoranthene
Concen: 4.551 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Tgt Ion:252 Resp: 70784

Ion	Ratio	Lower	Upper
252	100		
253	37.9	18.1	27.1#
125	37.5	9.0	13.4#



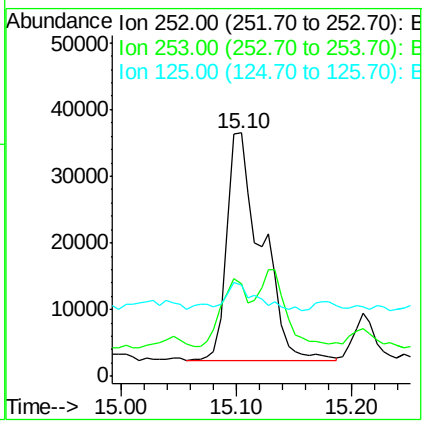


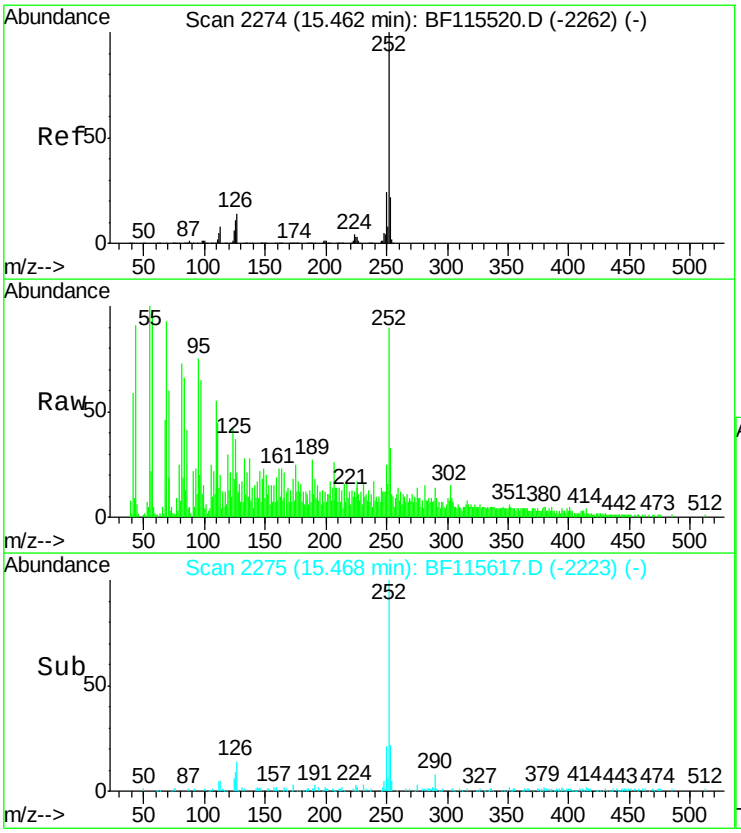
#89
Benzo(k)fluoranthene
Concen: 5.104 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 70784

Ion	Ratio	Lower	Upper
252	100		
253	37.9	18.6	28.0#
125	37.5	9.0	13.6#

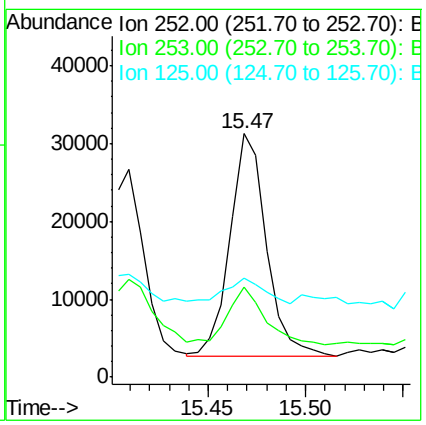


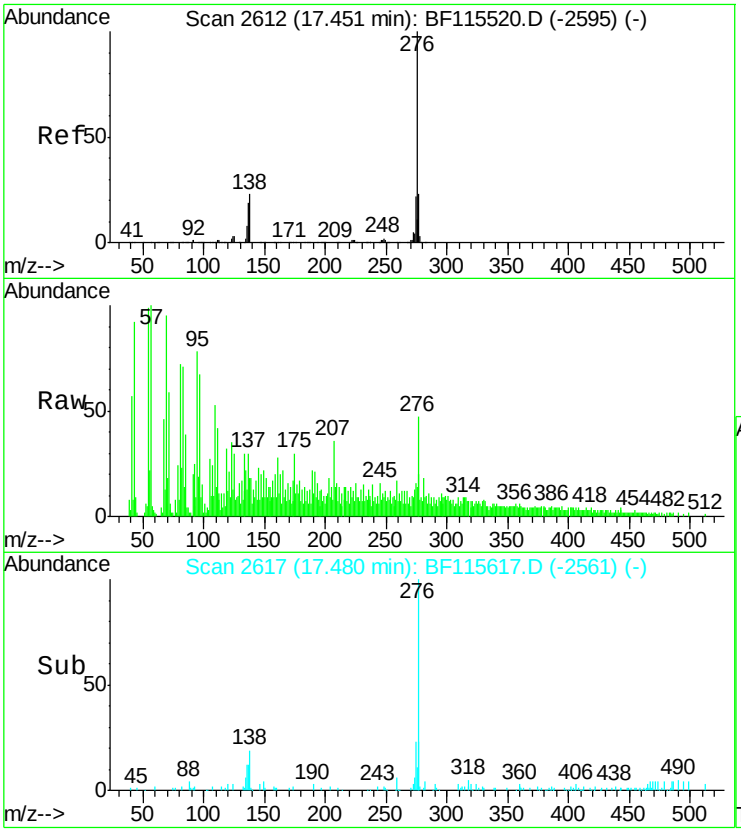


#90
Benzo(a)pyrene
Concen: 2.768 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Tgt Ion:252 Resp: 37000

Ion	Ratio	Lower	Upper
252	100		
253	37.0	17.8	26.6#
125	40.6	9.1	13.7#





#92
Benzo(g,h,i)perylene
Concen: 2.204 ng
RT: 17.48 min Scan# 2617
Delta R.T. 0.03 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 25794

Ion	Ratio	Lower	Upper
276	100		
277	41.7	19.0	28.4#
138	38.4	17.2	25.8#