Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113867.D
Acq On : 19 Apr 2019 19:05
Operator : JU/SJ
Sample : K2199-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-041819-B

Quant Time: Apr 19 23:25:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 13:55:51 2019
Response via : Initial Calibration

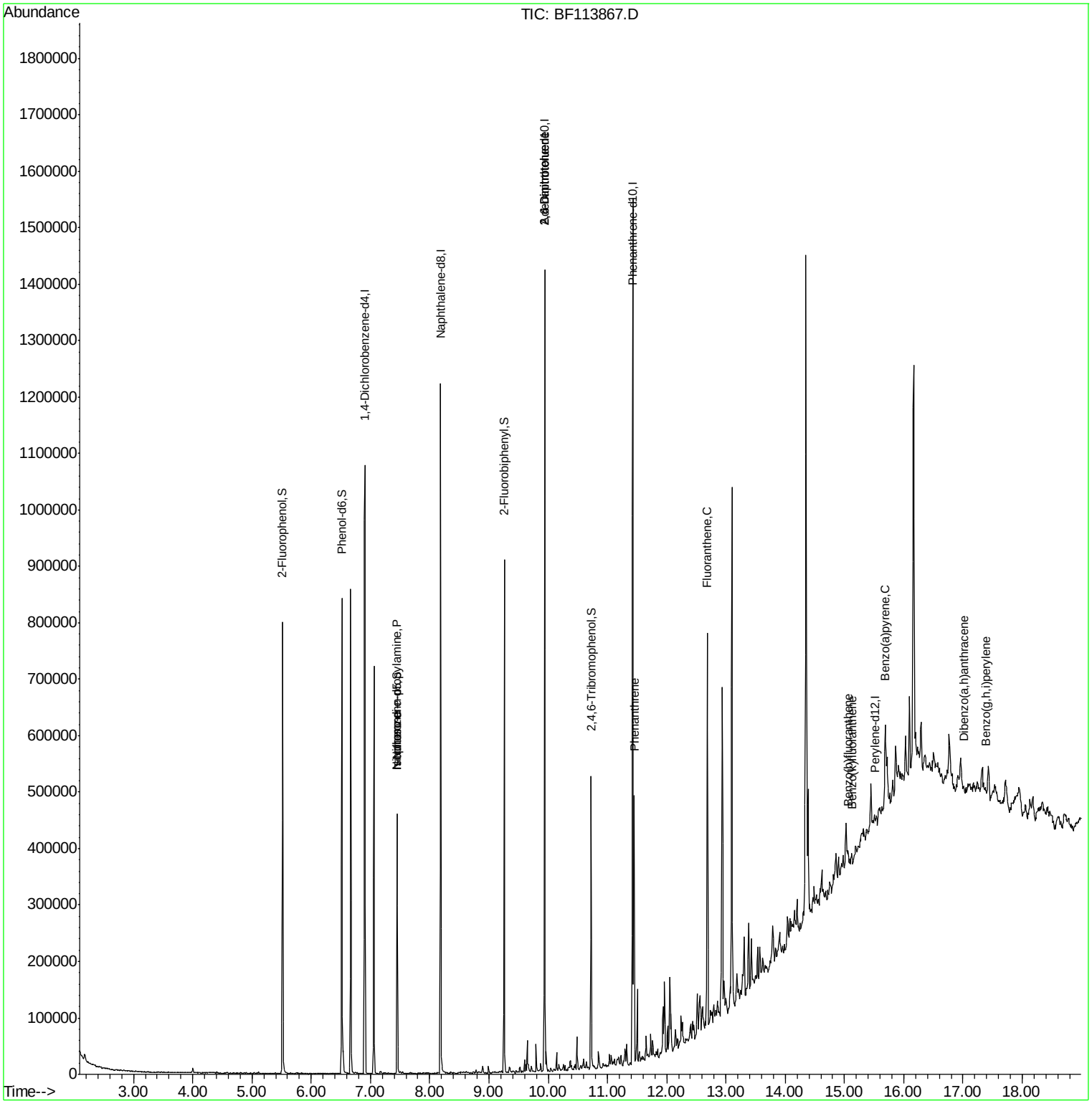
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	163674	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	558462	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	253416	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	512830	20.00	ng	0.02
76) Chrysene-d12	0.00	240	0	0.00	ng	-14.04
87) Perylene-d12	15.52	264	235	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	211914	21.53	ng	0.00
7) Phenol-d6	6.52	99	269328	21.94	ng	0.00
23) Nitrobenzene-d5	7.45	82	130237	14.20	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	63330	22.62	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	258897	15.58	ng	0.00
79) Terphenyl-d14	13.10	244	332242	0.00	ng	0.10
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	412	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	7.45	70	16758	2.045	ng #	80
25) Isophorone	7.45	82	130234	6.859	ng #	65
51) 2,6-Dinitrotoluene	9.94	165	33155	8.471	ng #	33
57) 2,4-Dinitrotoluene	9.94	165	33155	6.828	ng #	29
71) Phenanthrene	11.45	178	165543	6.338	ng	97
75) Fluoranthene	12.69	202	279891	10.111	ng	97
88) Benzo(b)fluoranthene	15.06	252	1282	87.509	ng #	1
89) Benzo(k)fluoranthene	15.13	252	1656	124.108	ng #	1
90) Benzo(a)pyrene	15.69	252	100337	7745.671	ng #	92
91) Dibenzo(a,h)anthracene	17.00	278	261	22.644	ng #	1
92) Benzo(g,h,i)perylene	17.39	276	1103	94.151	ng #	1

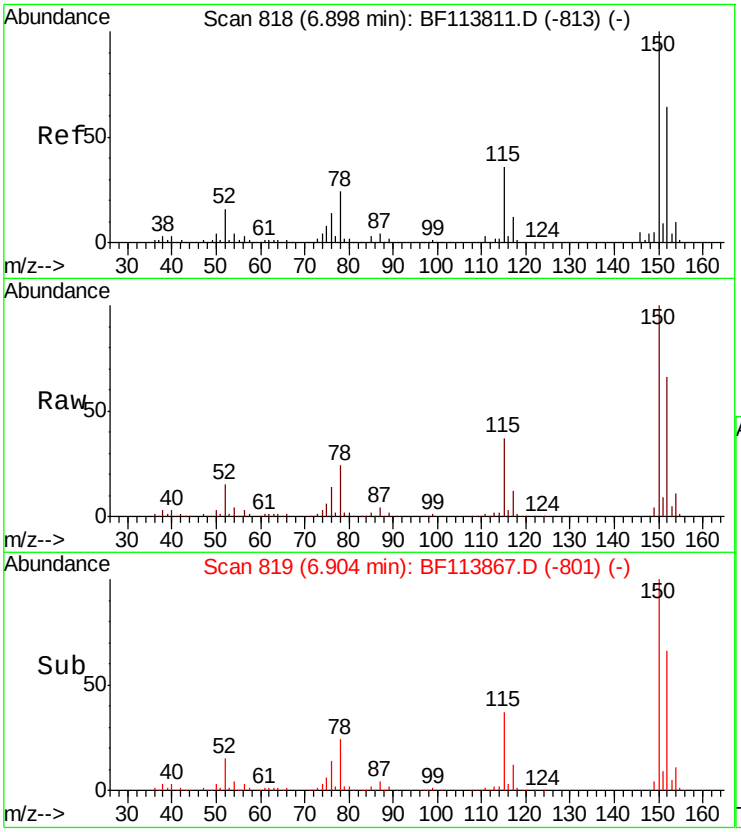
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113867.D
Acq On : 19 Apr 2019 19:05
Operator : JU/SJ
Sample : K2199-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Quant Time: Apr 19 23:25:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 13:55:51 2019
Response via : Initial Calibration



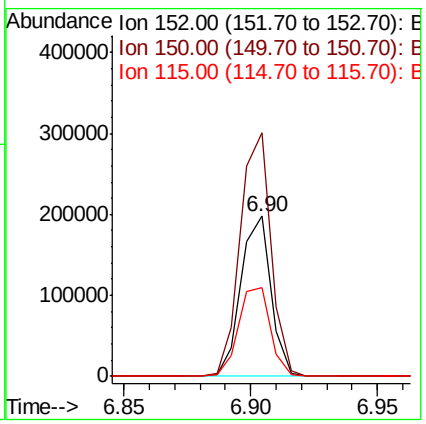


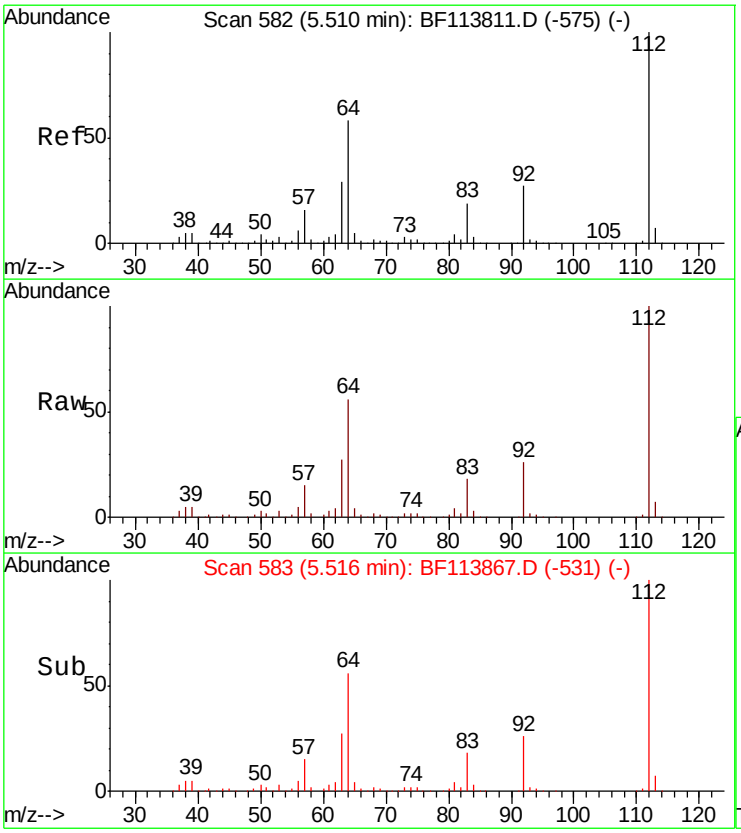
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Tgt Ion:152 Resp: 163674

Ion	Ratio	Lower	Upper
152	100		
150	151.8	125.9	188.9
115	55.6	45.9	68.9

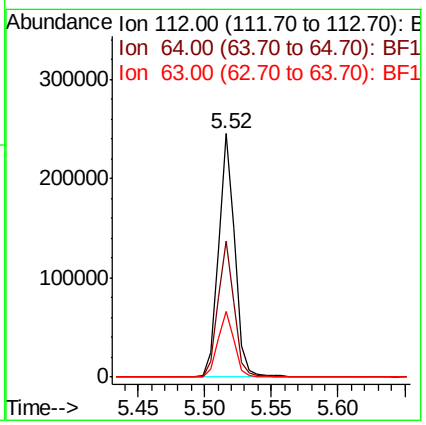


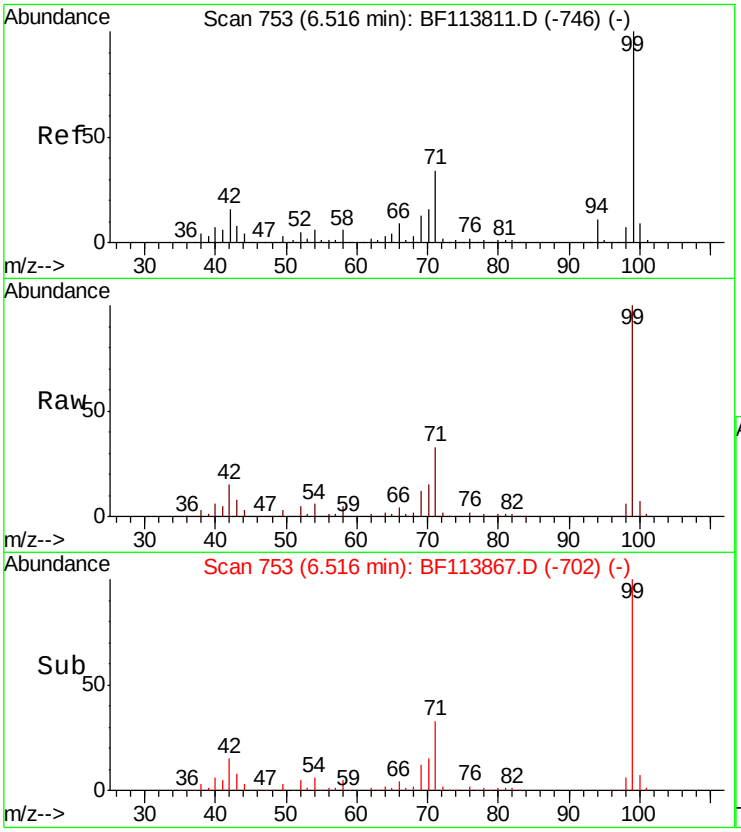


#5
2-Fluorophenol
Concen: 21.529 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Tgt Ion:112 Resp: 211914

Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.6	69.8
63	27.2	23.1	34.7



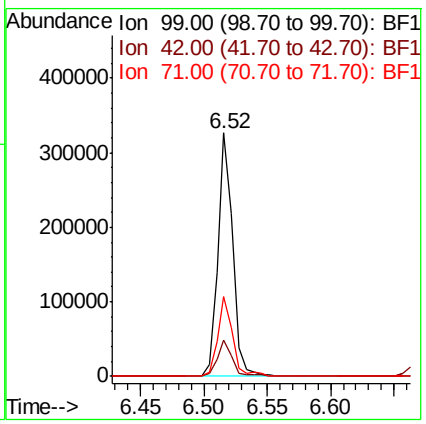


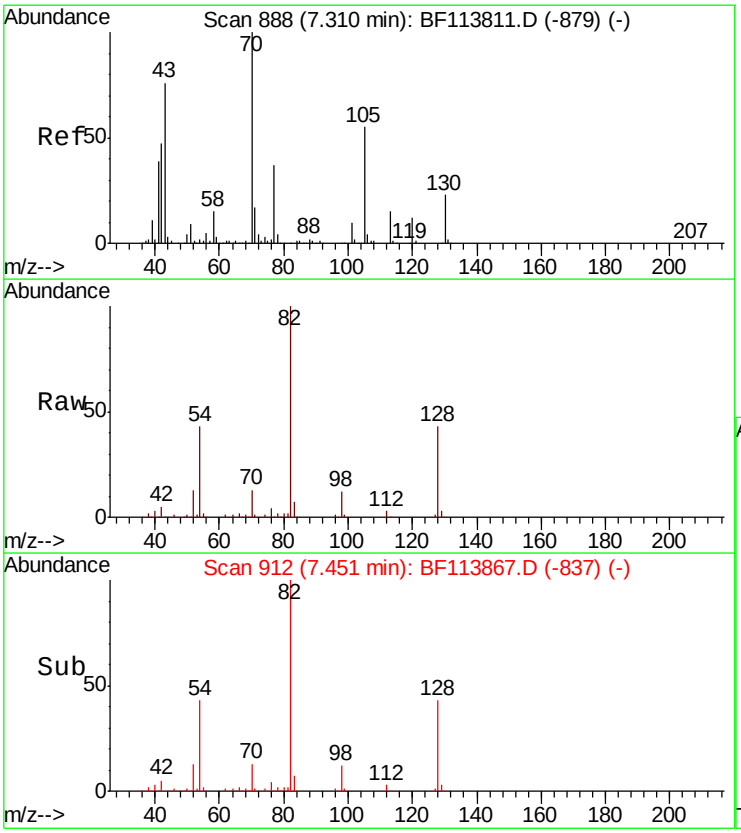
#7
Phenol-d6
Concen: 21.940 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Tgt Ion: 99 Resp: 269328

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.5	18.7
71	32.5	26.9	40.3

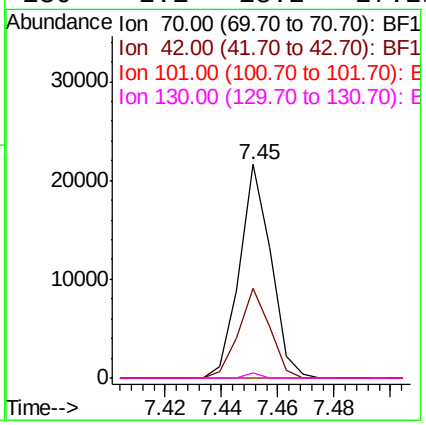


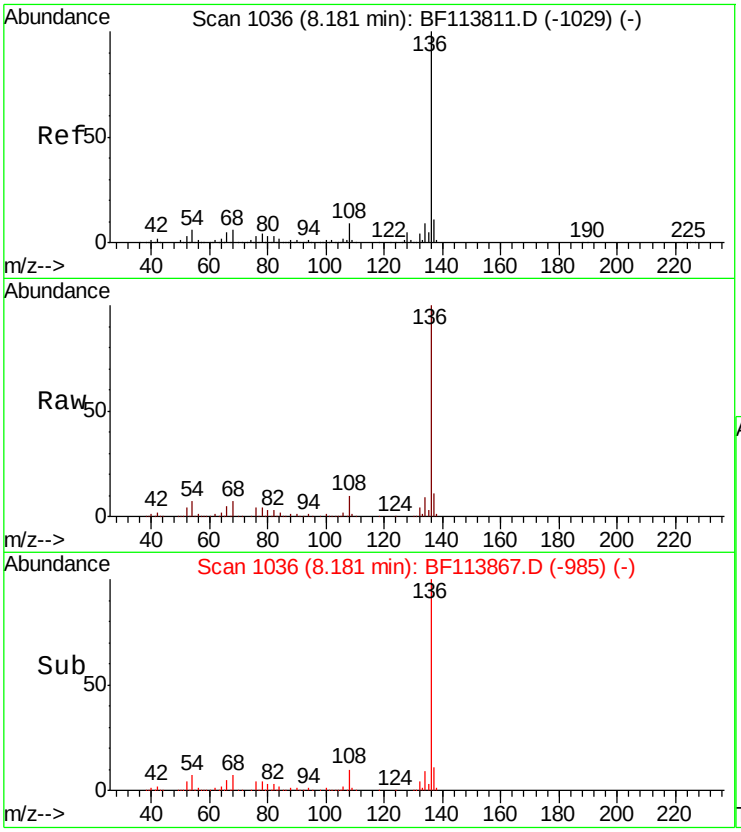


#19
n-Nitroso-di-n-propylamine
Concen: 2.045 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Tgt Ion: 70 Resp: 16758

Ion	Ratio	Lower	Upper
70	100		
42	41.7	37.3	55.9
101	0.0	7.8	11.8#
130	2.1	18.2	27.2#



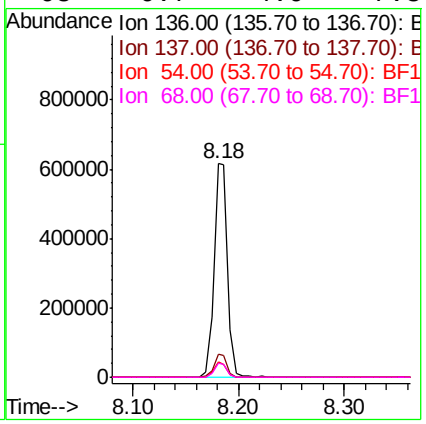


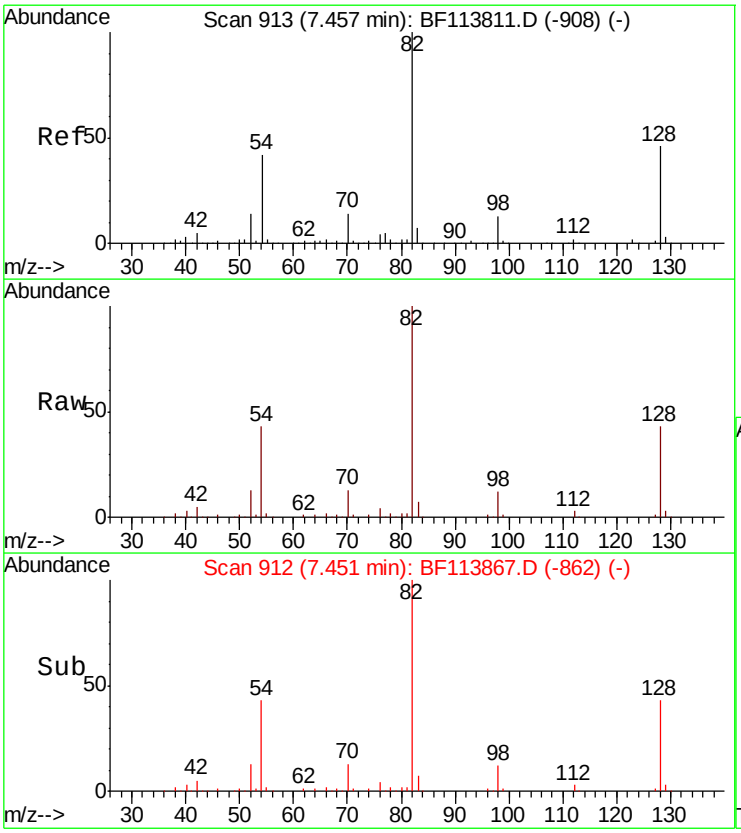
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Tgt Ion:136 Resp: 558462

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.2	5.0	7.6
68	6.7	4.9	7.3

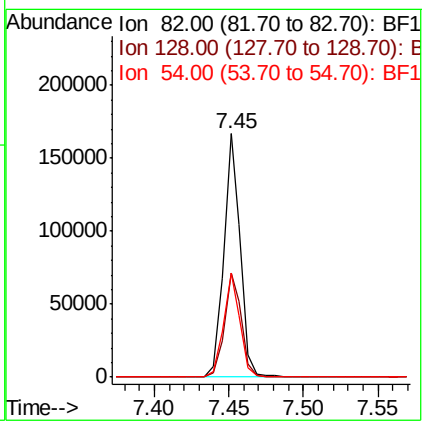


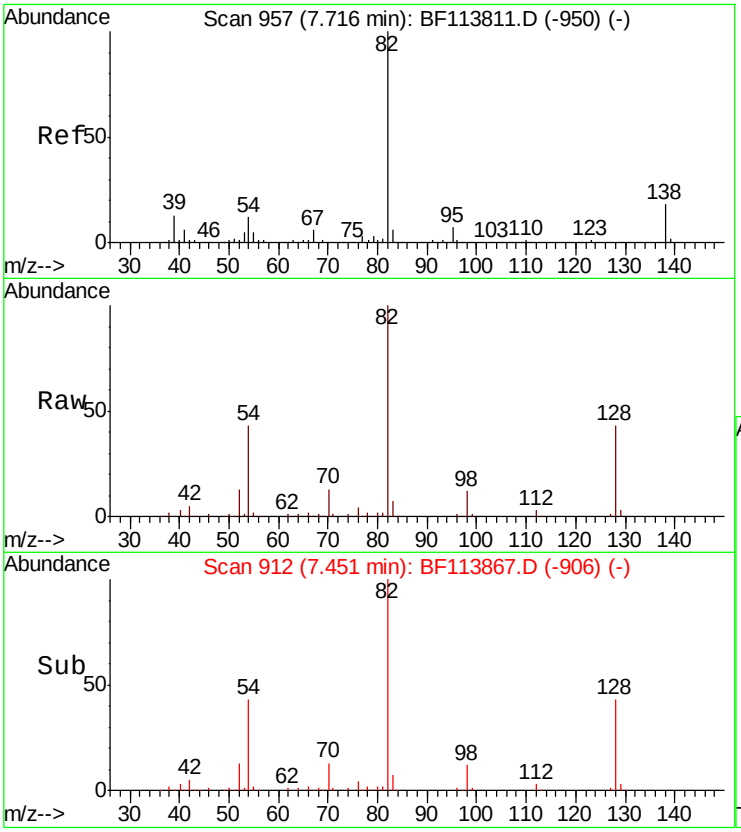


#23
Nitrobenzene-d5
Concen: 14.201 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Tgt Ion: 82 Resp: 130237

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.8	55.2
54	42.8	33.8	50.6



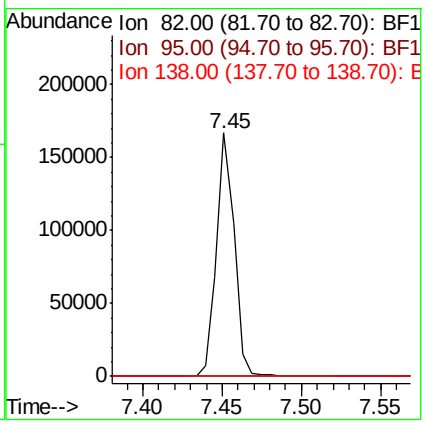


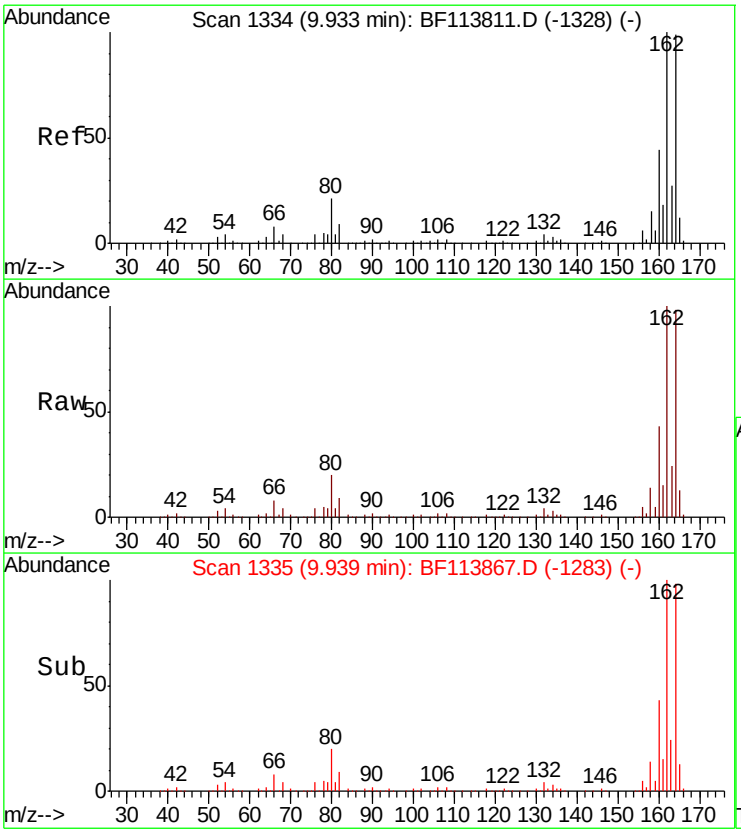
#25
Isophorone
Concen: 6.859 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Tgt Ion: 82 Resp: 130234

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	22.0#

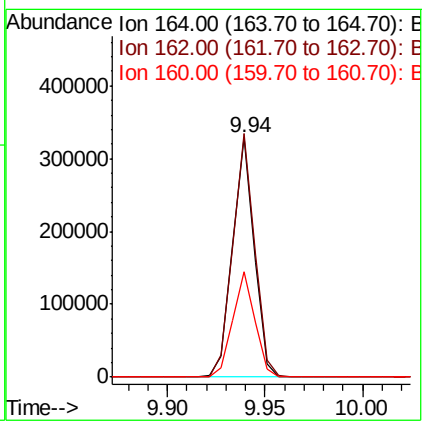


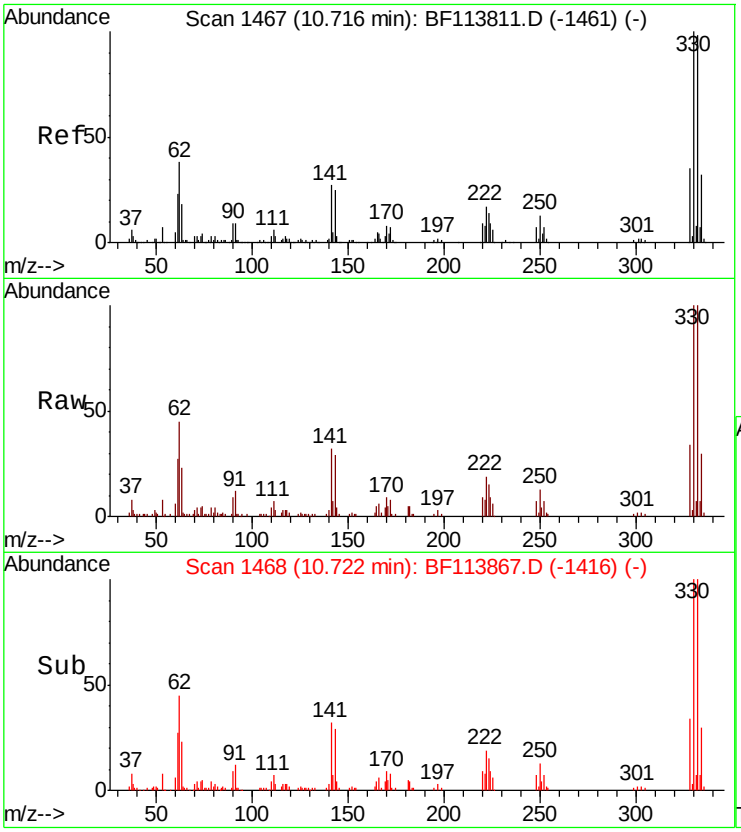


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Tgt Ion:164 Resp: 253416

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.1	121.7
160	43.8	35.8	53.6



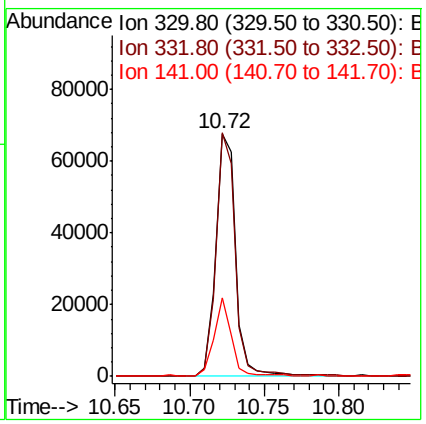


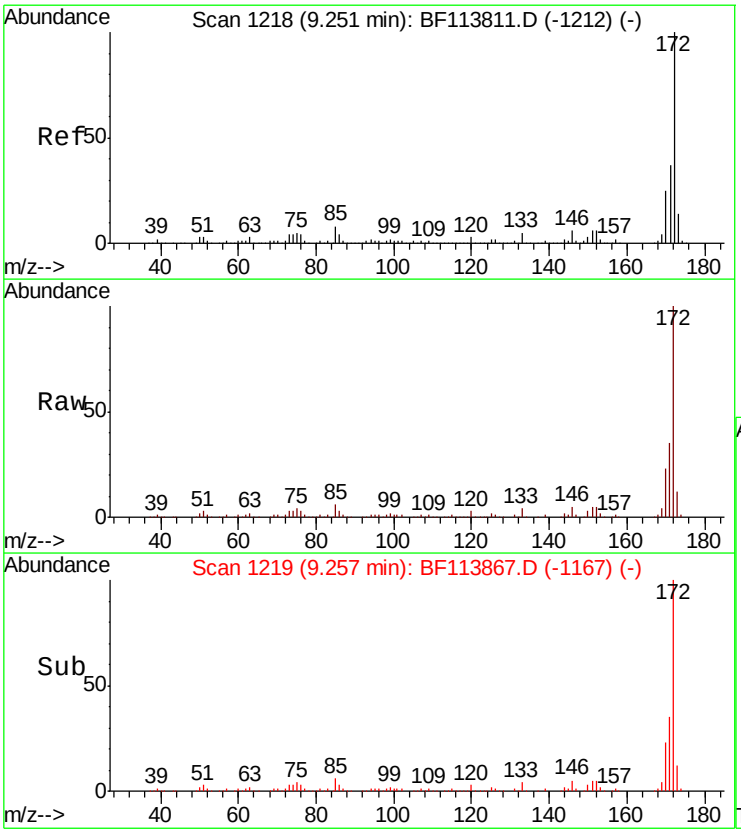
#42
2,4,6-Tribromophenol
Concen: 22.620 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Tgt Ion:330 Resp: 63330

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.5	116.3
141	28.1	22.2	33.2

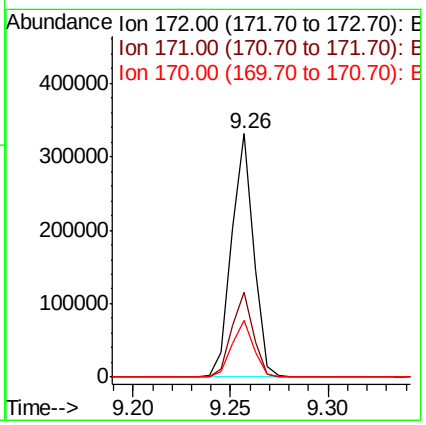


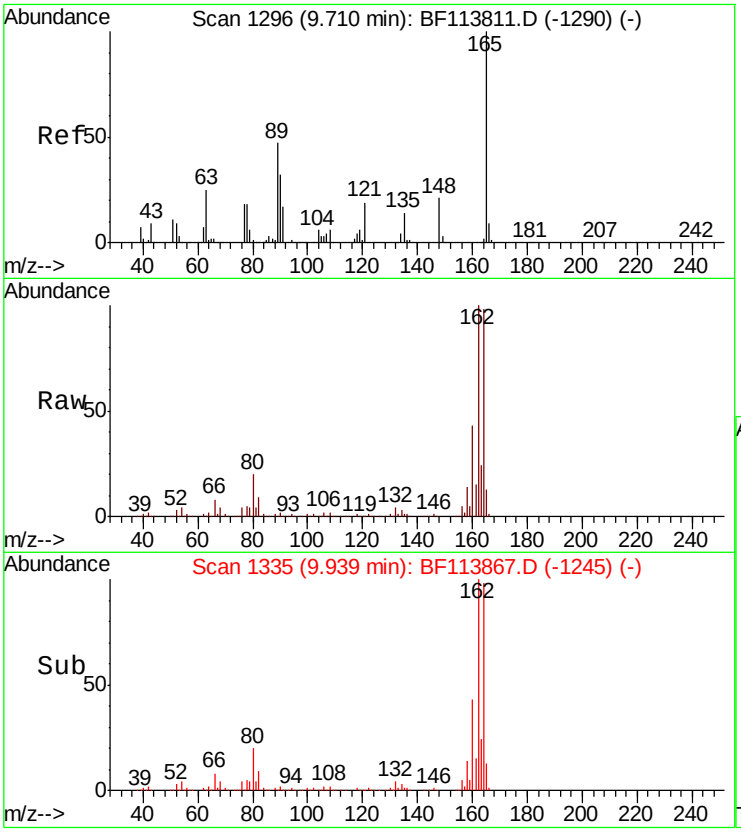


#45
2-Fluorobiphenyl
Concen: 15.580 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Tgt Ion:172 Resp: 258897

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.4	44.0
170	23.3	19.9	29.9



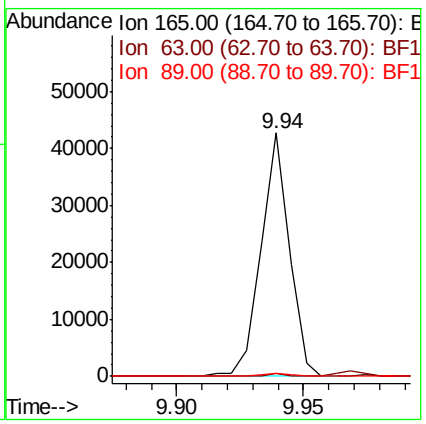


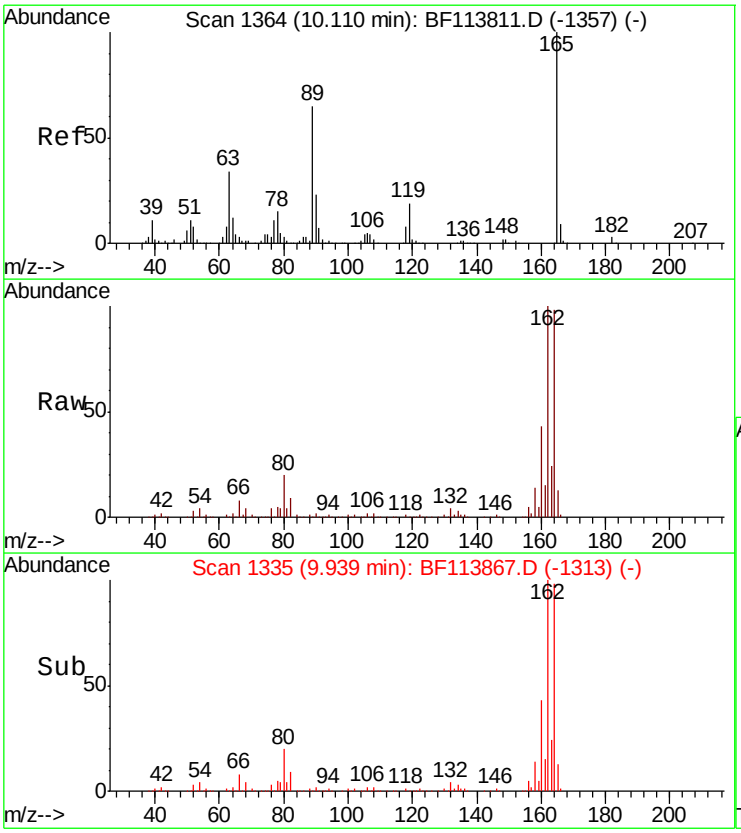
#51
2,6-Dinitrotoluene
Concen: 8.471 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.23 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Tgt Ion:165 Resp: 33155

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.8	50.8#
89	1.3	38.2	57.2#

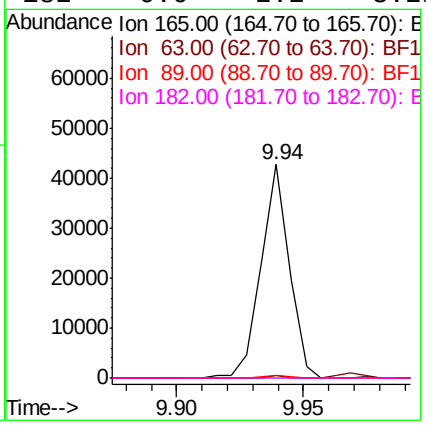


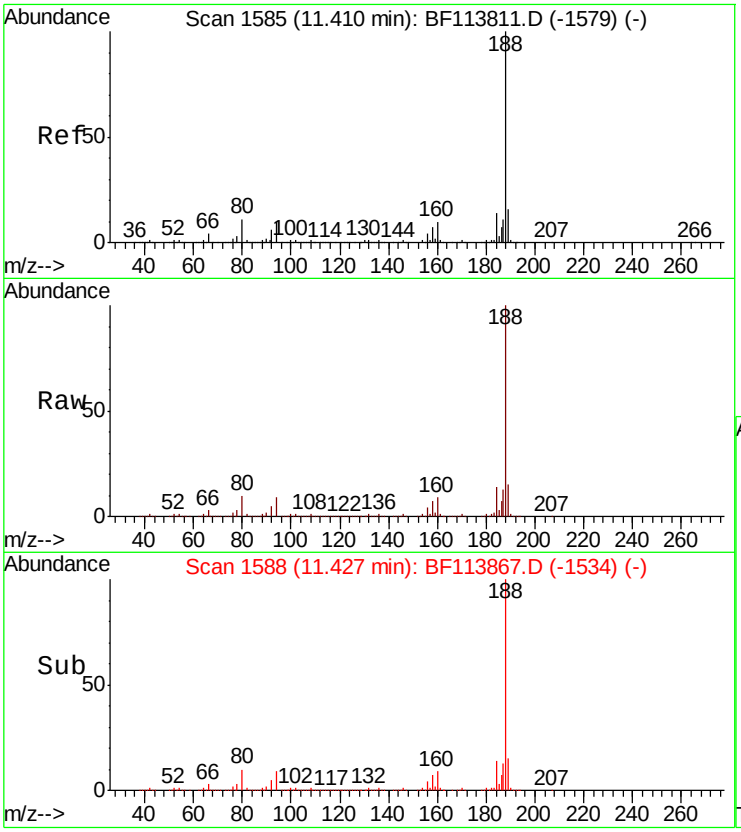


#57
2,4-Dinitrotoluene
Concen: 6.828 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Tgt Ion:165 Resp: 33155

Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.4	41.0#
89	1.3	51.8	77.6#
182	0.0	2.2	3.2#



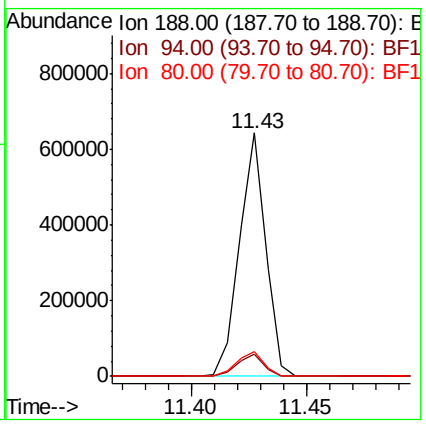


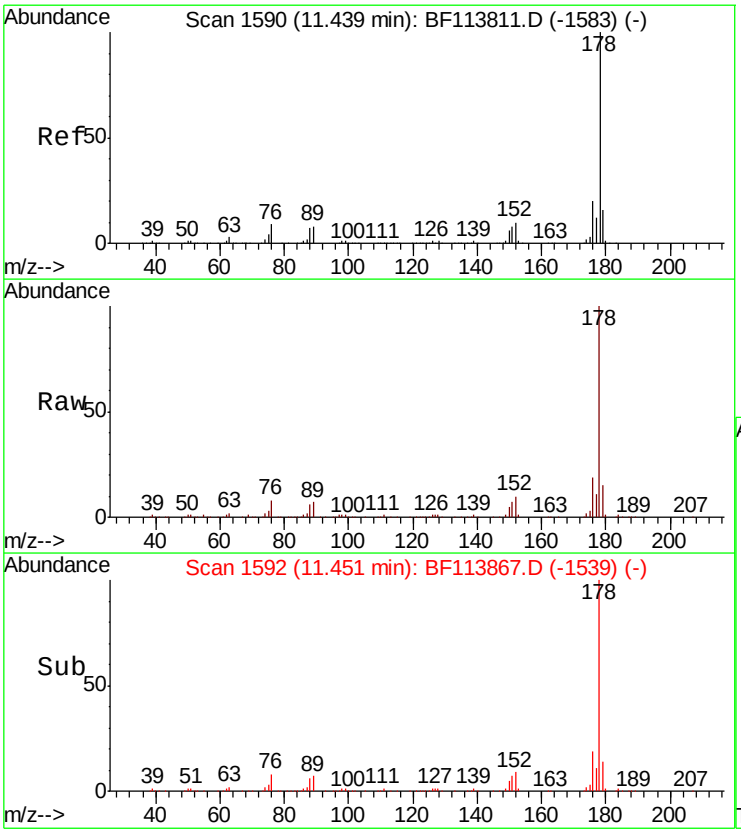
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.02 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Tgt Ion:188 Resp: 512830

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.4
80	10.3	9.0	13.6

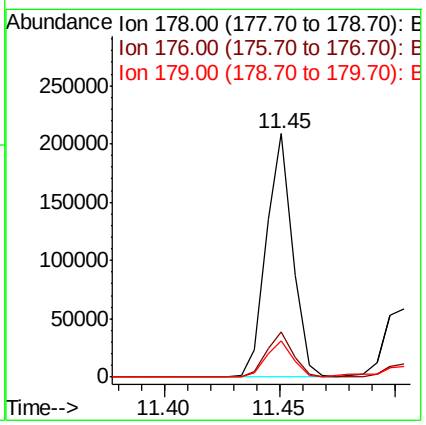


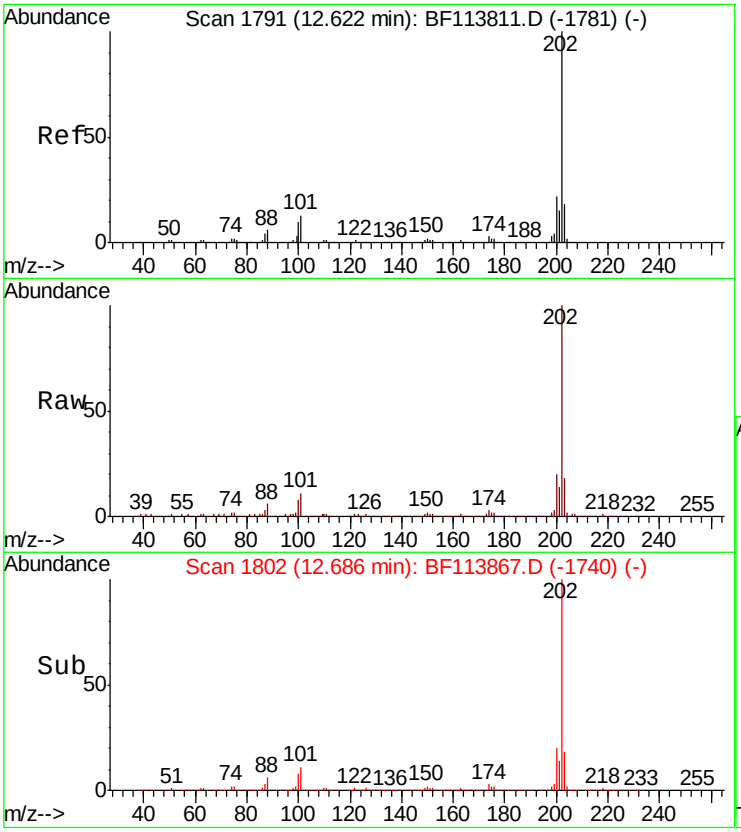


#71
Phenanthrene
Concen: 6.338 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Tgt Ion:178 Resp: 165543

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.1	24.1
179	14.7	12.8	19.2



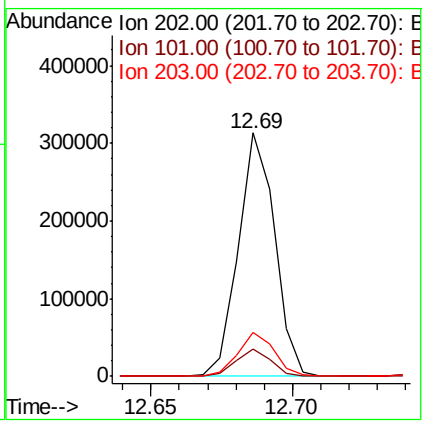


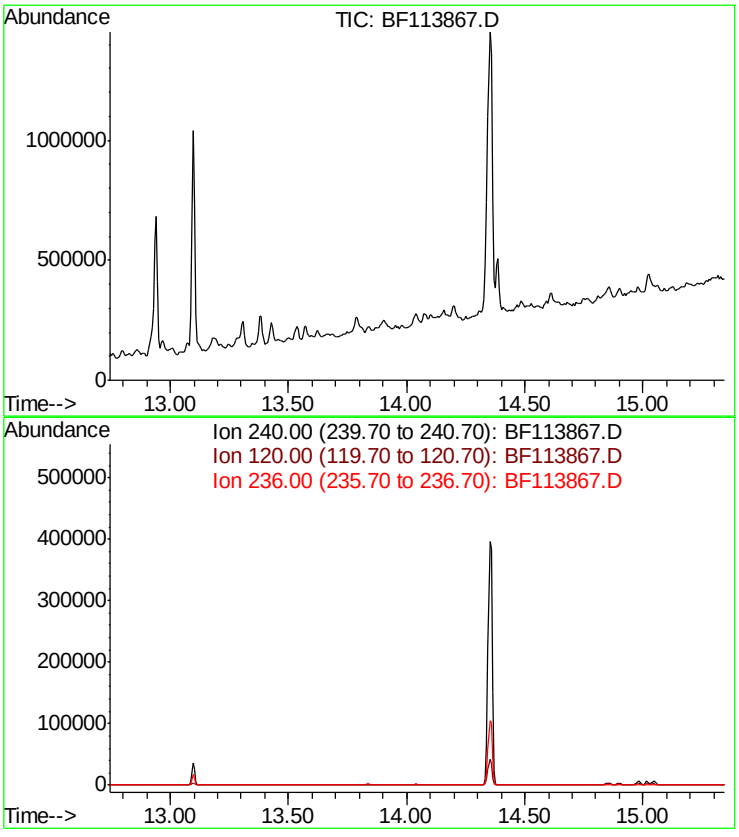
#75
Fluoranthene
Concen: 10.111 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.06 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Tgt Ion:202 Resp: 279891

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.9
203	17.8	0.0	38.2



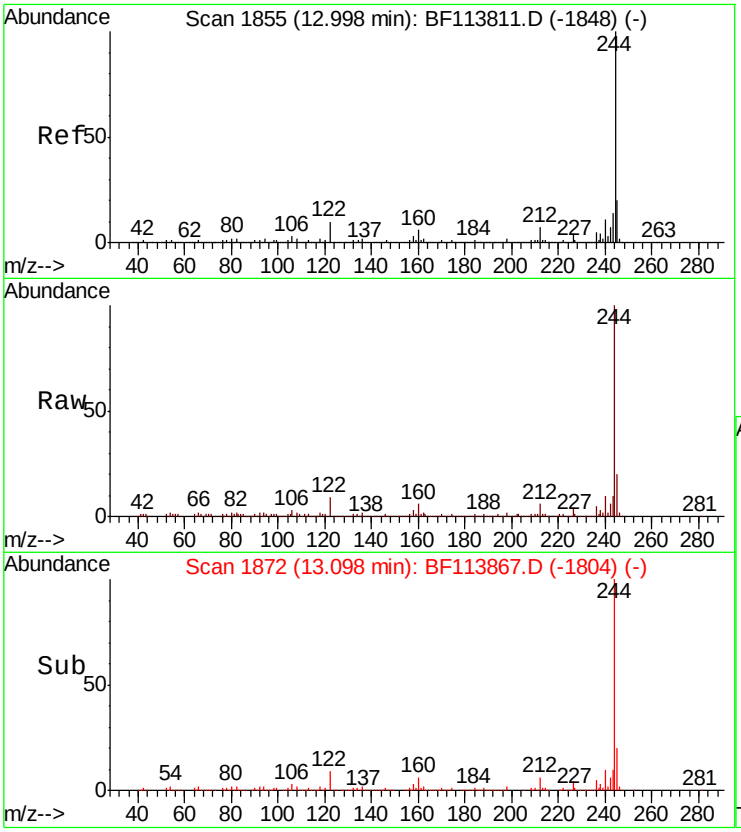


#76
Chrysene-d12
Concen: 0.000 ng
Expected RT: 14.04 min

Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	11.6
236	26.5

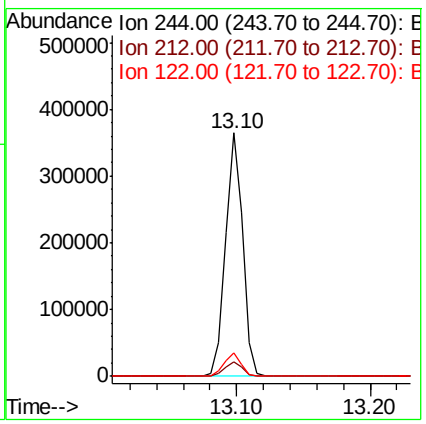


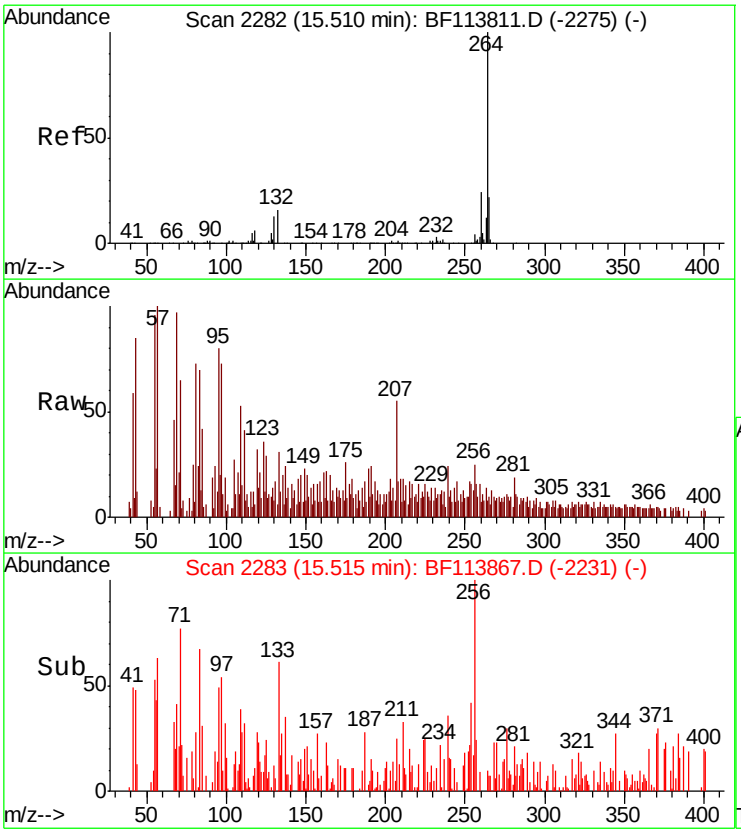
#79
Terphenyl-d14
Concen: 0.000 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.10 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Tgt Ion:244 Resp: 332242

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.2
122	9.4	7.6	11.4

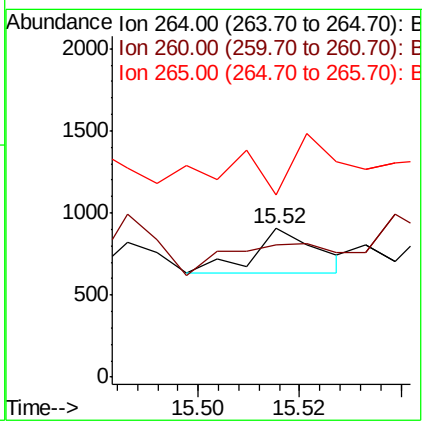


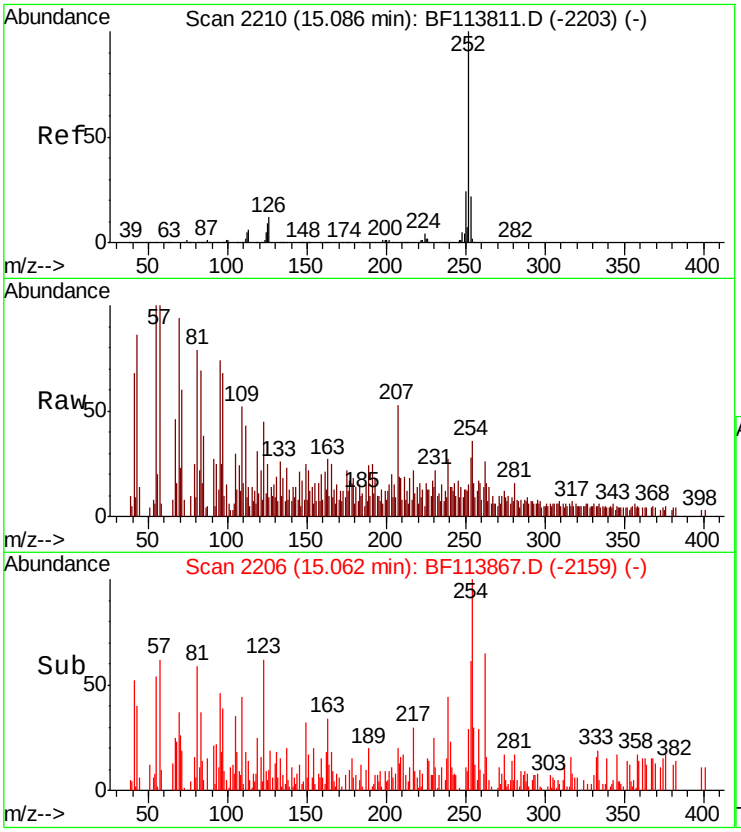


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Tgt Ion:264 Resp: 235

Ion	Ratio	Lower	Upper
264	100		
260	88.5	18.9	28.3#
265	122.6	17.3	25.9#



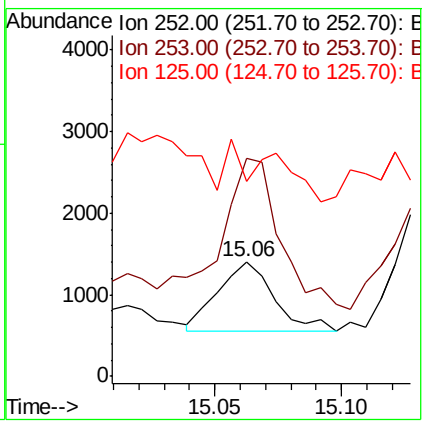


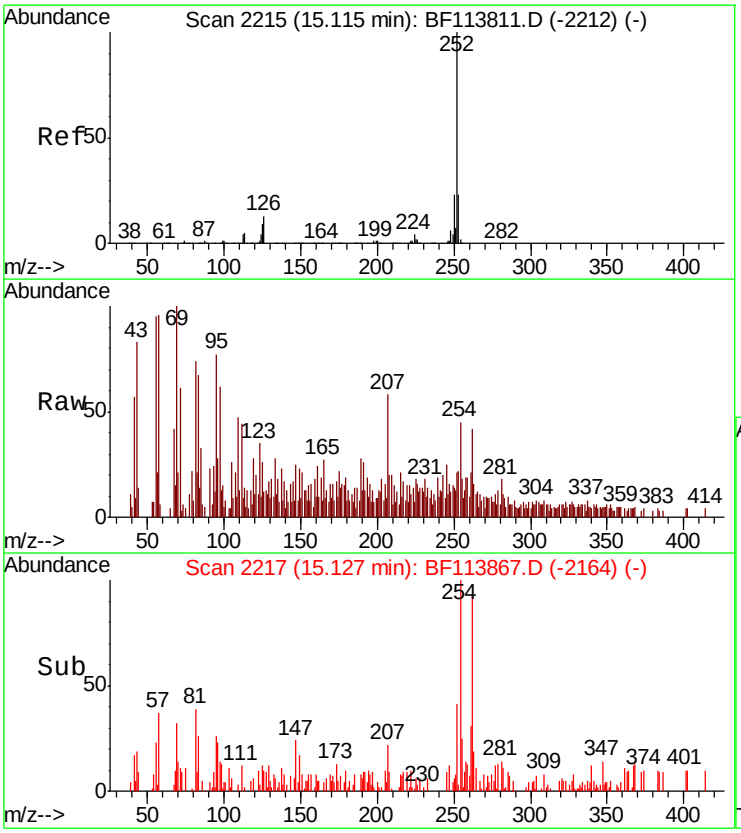
#88
Benzo(b)fluoranthene
Concen: 87.509 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Tgt Ion:252 Resp: 1282

Ion	Ratio	Lower	Upper
252	100		
253	190.6	17.8	26.6#
125	170.6	7.0	10.6#

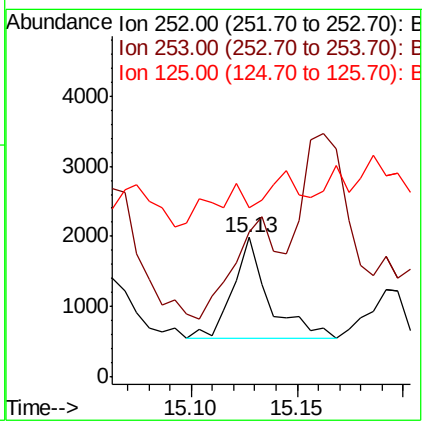


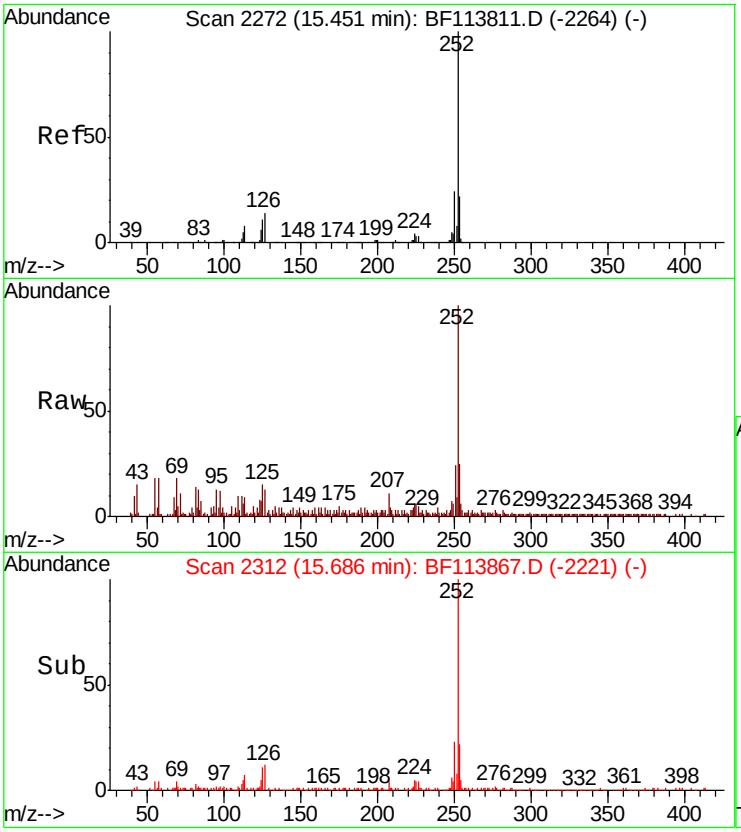


#89
Benzo(k)fluoranthene
Concen: 124.108 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Tgt Ion:252 Resp: 1656

Ion	Ratio	Lower	Upper
252	100		
253	103.7	18.2	27.2#
125	121.3	7.4	11.2#



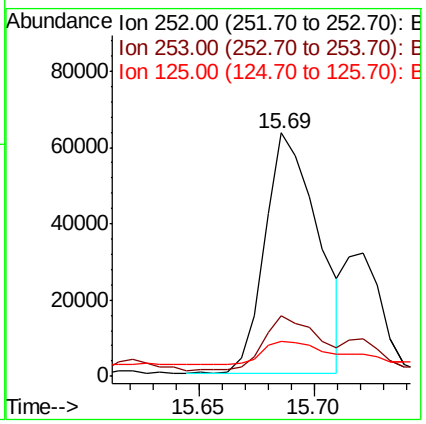


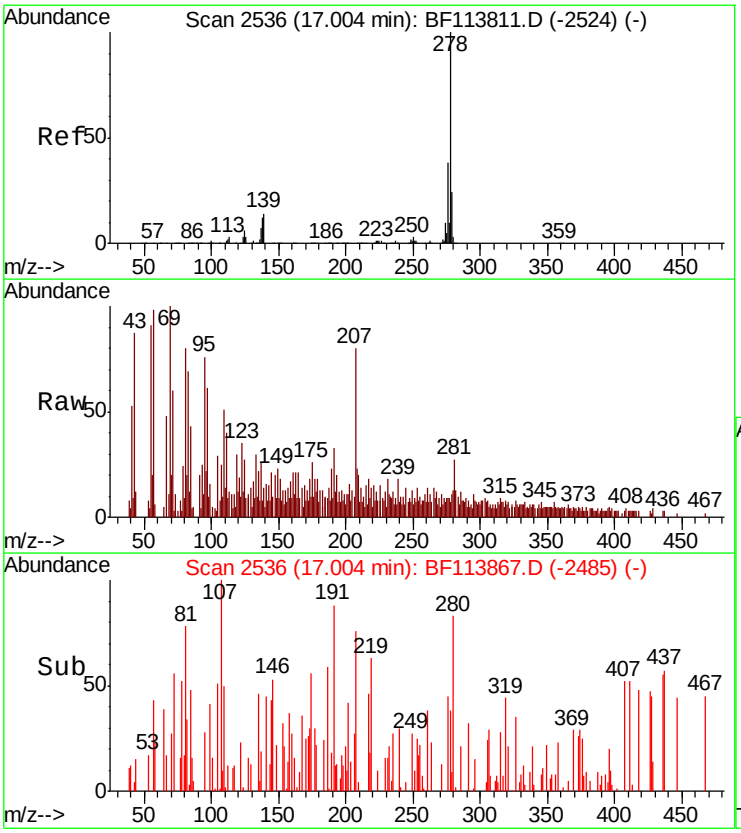
#90
Benzo(a)pyrene
Concen: 7745.671 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.24 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Tgt Ion:252 Resp: 100337

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.5	26.3
125	14.5	8.5	12.7#

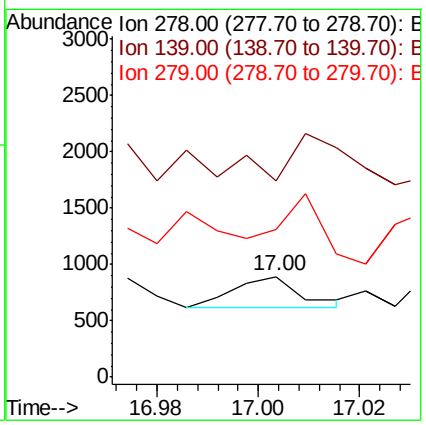


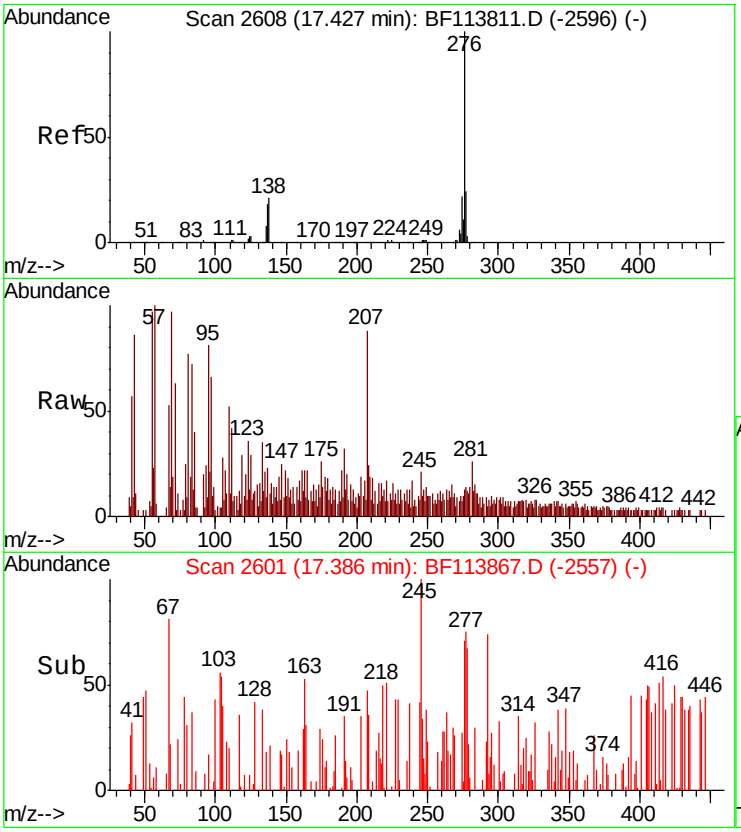


#91
Dibenzo(a,h)anthracene
Concen: 22.644 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Tgt Ion:278 Resp: 261

Ion	Ratio	Lower	Upper
278	100		
139	195.5	11.6	17.4#
279	146.4	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 94.151 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.04 min
Lab File: BF113867.D
Acq: 19 Apr 2019 19:05

Instrument :
BNA_F
ClientSampleId :
OR-03-041819-B

Tgt Ion:276 Resp: 1103

Ion	Ratio	Lower	Upper
276	100		
277	105.9	19.0	28.4#
138	79.1	16.6	25.0#