Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113868.D
Acq On : 19 Apr 2019 19:31
Operator : JU/SJ
Sample : K2201-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-B

Quant Time: Apr 19 23:25:25 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	162985	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	566494	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	257718	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	508035	20.00	ng		0.02
76) Chrysene-d12	14.31	240	409108	20.00	ng		0.26
87) Perylene-d12	16.06	264	359030	20.00	ng		0.55
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	190053	19.39	ng		0.00
7) Phenol-d6	6.52	99	238580	19.52	ng		0.00
23) Nitrobenzene-d5	7.45	82	117505	12.63	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	55986	19.66	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	242004	14.32	ng		0.00
79) Terphenyl-d14	13.08	244	295907	15.17	ng		0.08
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	465	Below Cal		#	36
25) Isophorone	7.45	82	117503	6.101	ng	#	65
31) Naphthalene	8.20	128	81006	3.023	ng		98
32) Benzoic acid	7.96	122	583	6.024	ng	#	27
37) 2-Methylnaphthalene	8.90	142	51884	2.918	ng		100
38) 1-Methylnaphthalene	9.00	142	55716	3.230	ng		99
49) Acenaphthylene	9.80	152	165822	6.641	ng		97
51) 2,6-Dinitrotoluene	9.94	165	36225	9.101	ng	#	33
52) Acenaphthene	9.97	154	97903	6.685	ng		96
55) Dibenzofuran	10.15	168	138947	6.333	ng		96
58) Fluorene	10.49	166	239078	14.608	ng		100
71) Phenanthrene	11.46	178	1615002	62.416	ng		99
72) Anthracene	11.50	178	560101	21.481	ng		97
73) Carbazole	11.65	167	154830	6.540	ng		98
75) Fluoranthene	12.69	202	2171361	79.183	ng		99
78) Pyrene	12.93	202	1969074	68.294	ng		99
81) Benzo(a)anthracene	14.30	228	996073	41.651	ng		96
83) Chrysene	14.34	228	876103	36.909	ng		97
84) Bis(2-ethylhexyl)phthalate	14.31	149	159680	12.497	ng		99
86) Indeno(1,2,3-cd)pyrene	17.44	276	66708	3.443	ng		97
88) Benzo(b)fluoranthene	15.60	252	1221317	54.567	ng		98
89) Benzo(k)fluoranthene	15.60	252	1221317	59.911	ng		99
90) Benzo(a)pyrene	15.99	252	623526	31.506	ng		98
91) Dibenzo(a,h)anthracene	17.62	278	101674	5.774	ng	#	89
92) Benzo(g,h,i)perylene	18.07	276	329771	18.425	ng		99

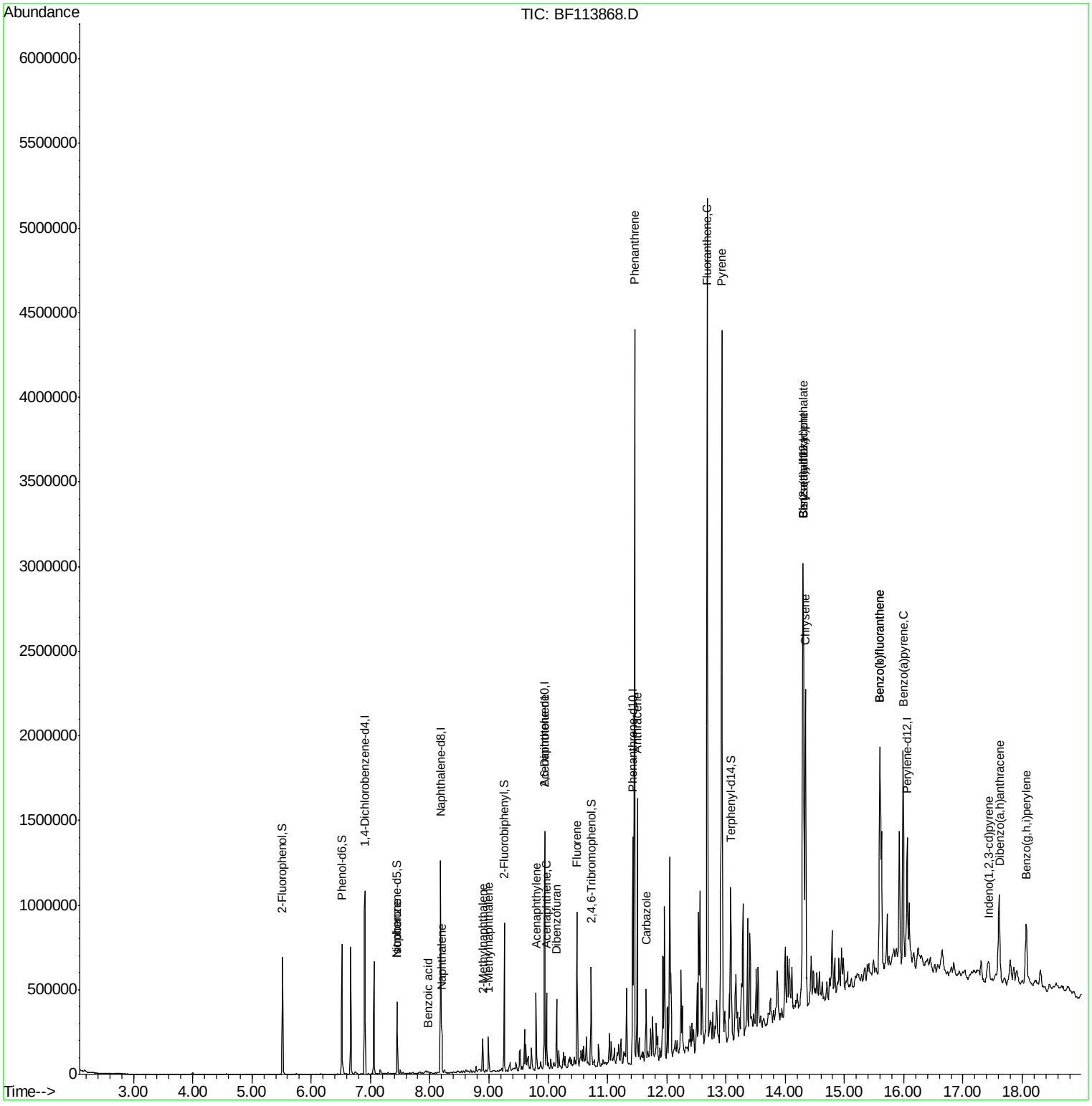
(#) = qualifier out of range (m) = manual integration (+) = signals summed

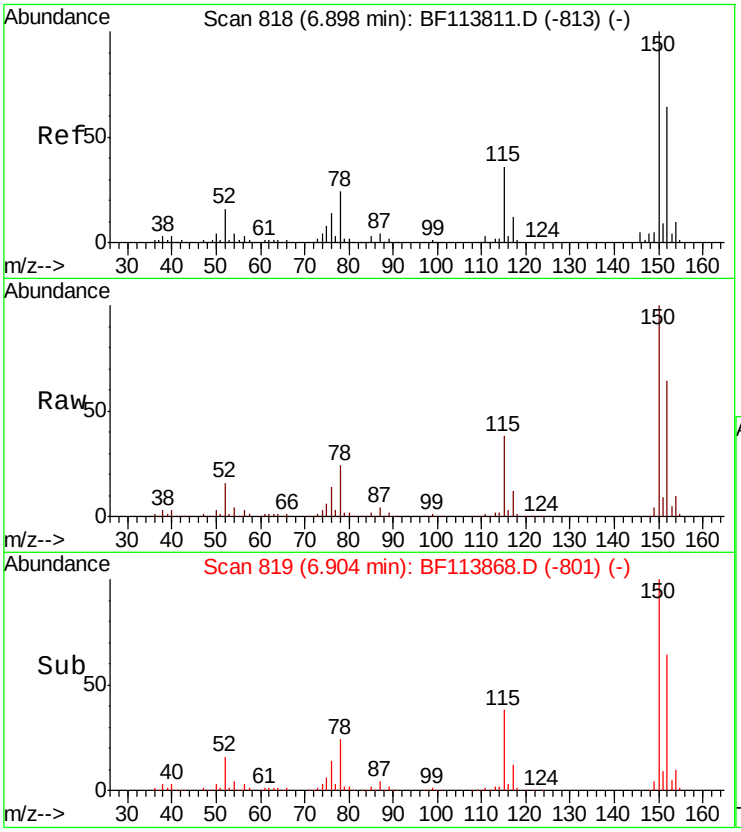
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113868.D
Acq On : 19 Apr 2019 19:31
Operator : JU/SJ
Sample : K2201-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Quant Time: Apr 19 23:25:25 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



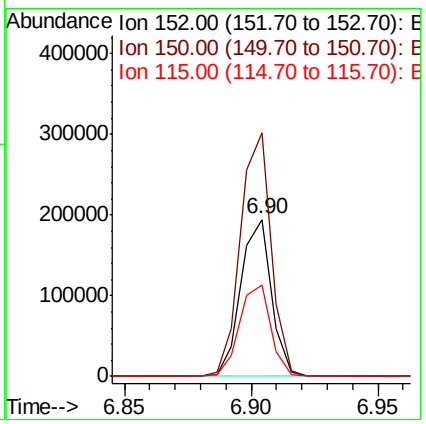


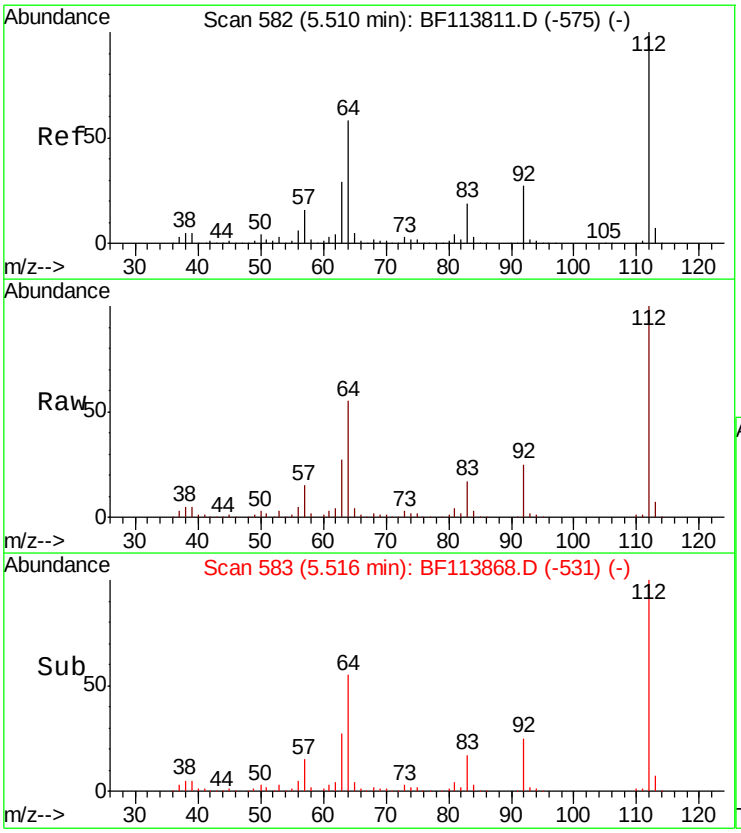
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Tgt Ion:152 Resp: 162985

Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.9	188.9
115	58.2	45.9	68.9

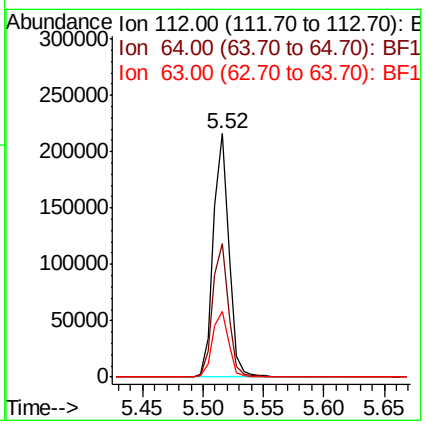


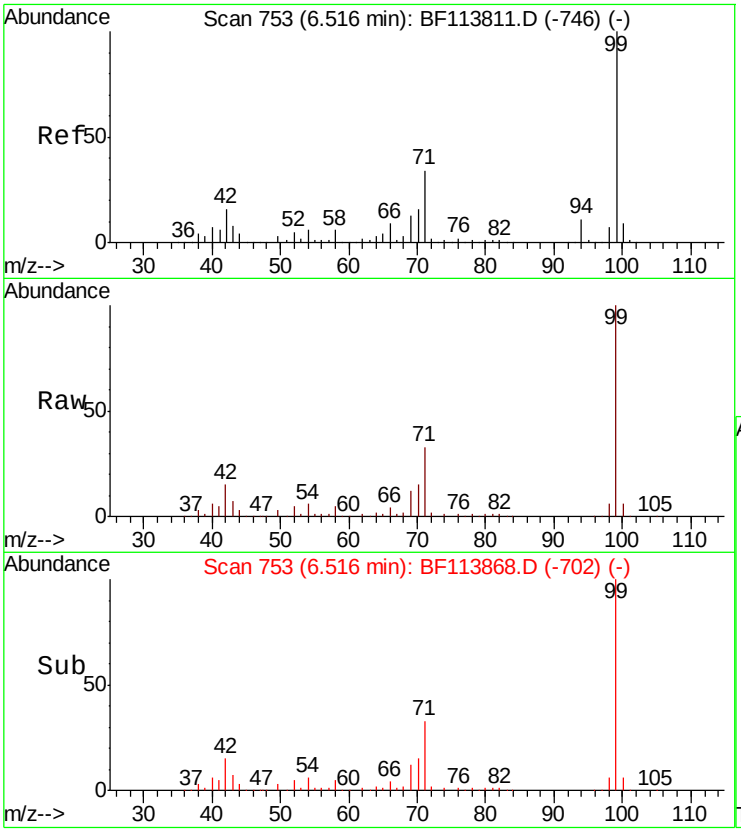


#5
2-Fluorophenol
Concen: 19.389 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Tgt Ion:112 Resp: 190053

Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.6	69.8
63	26.8	23.1	34.7



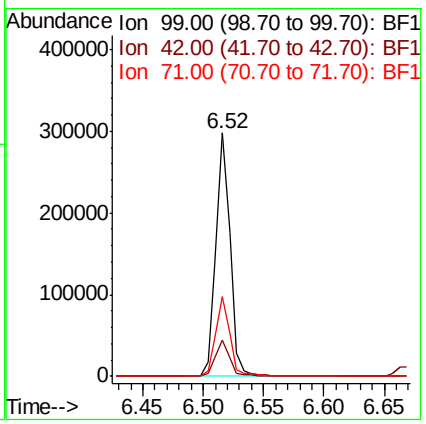


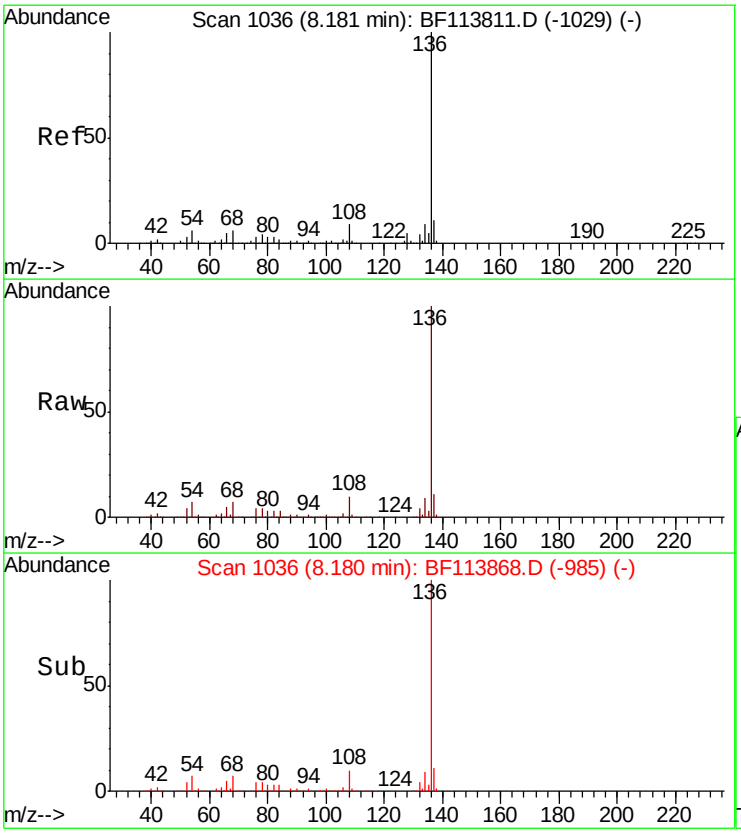
#7
Phenol-d6
Concen: 19.518 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Tgt Ion: 99 Resp: 238580

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.5	18.7
71	32.8	26.9	40.3

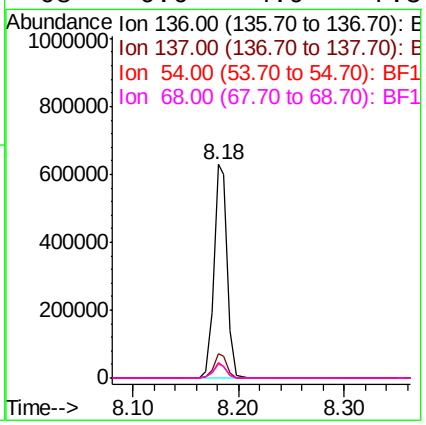


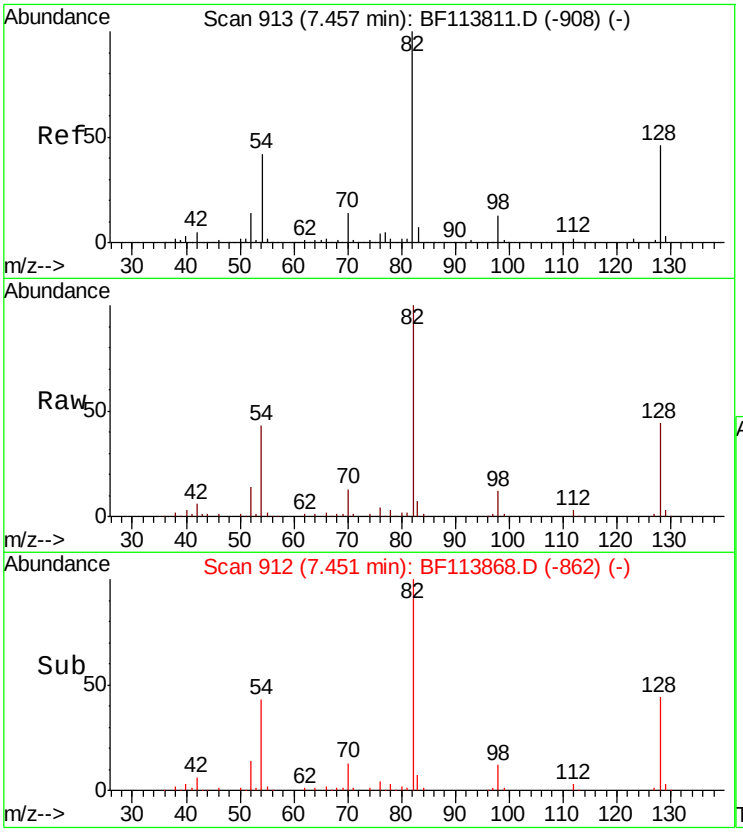


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Tgt Ion:136 Resp: 566494

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	7.1	5.0	7.6
68	6.6	4.9	7.3



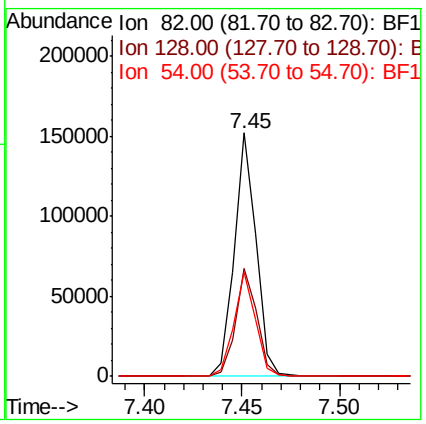


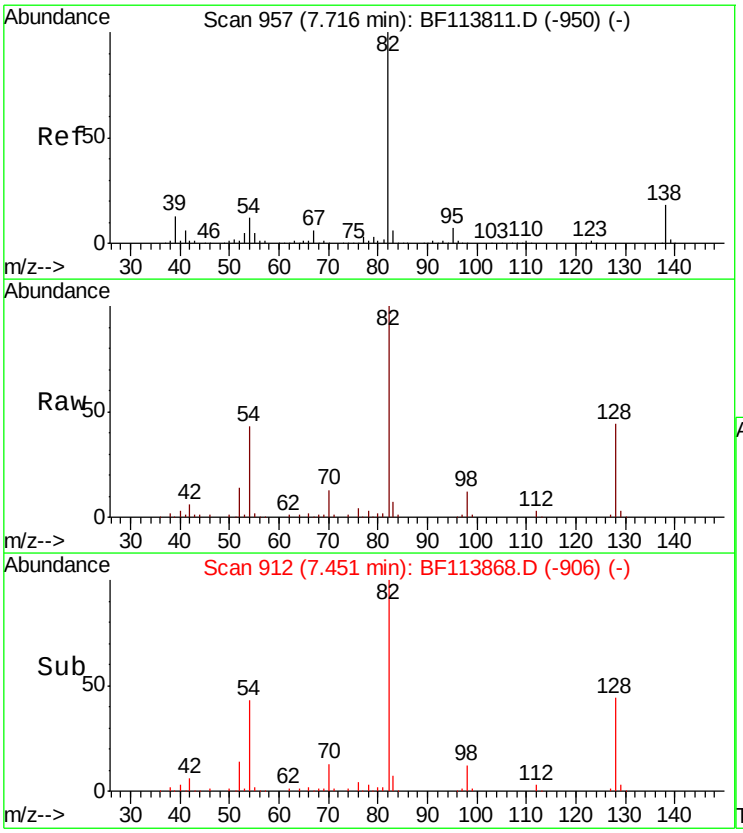
#23
Nitrobenzene-d5
Concen: 12.631 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Tgt Ion: 82 Resp: 117505

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.8	55.2
54	42.7	33.8	50.6

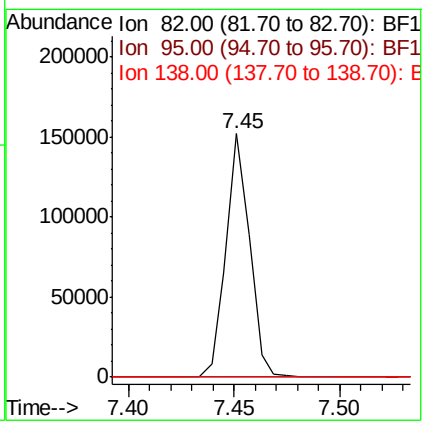


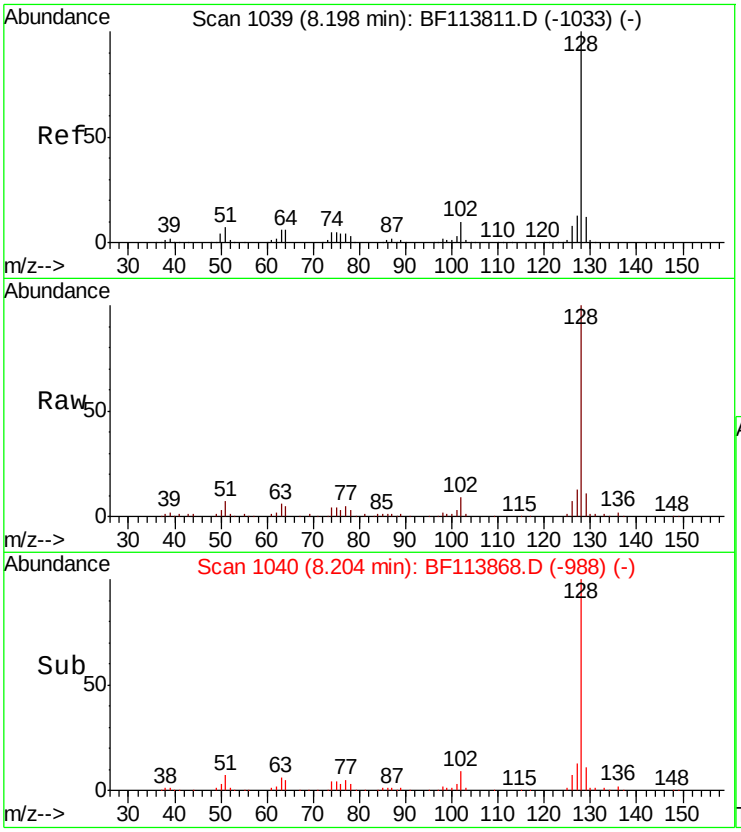


#25
Isophorone
Concen: 6.101 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Tgt Ion: 82 Resp: 117503

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



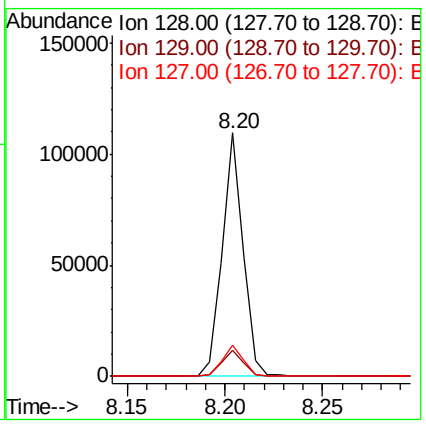


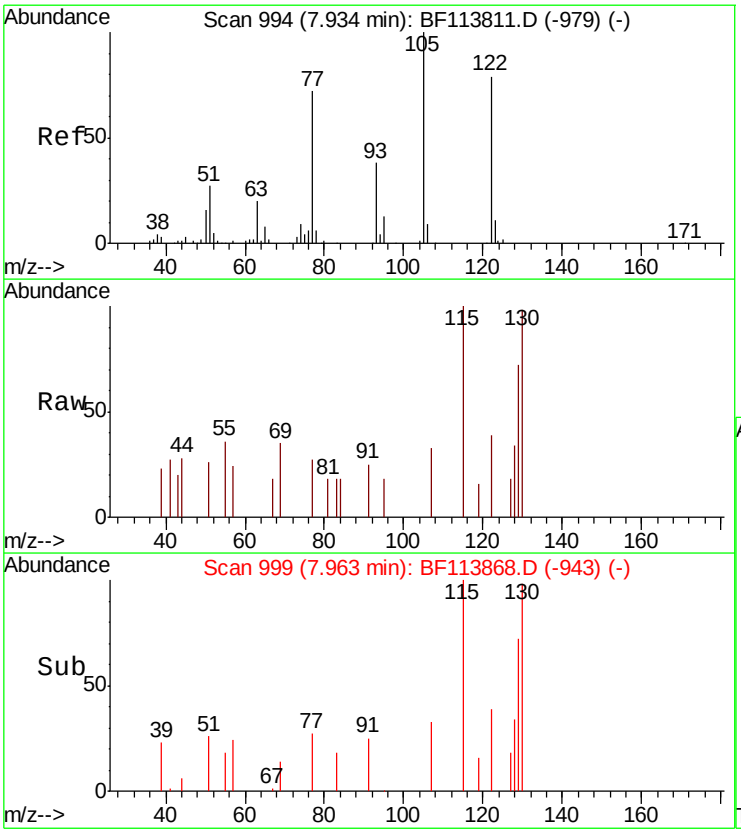
#31
Naphthalene
Concen: 3.023 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Tgt Ion:128 Resp: 81006

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	12.9	10.8	16.2

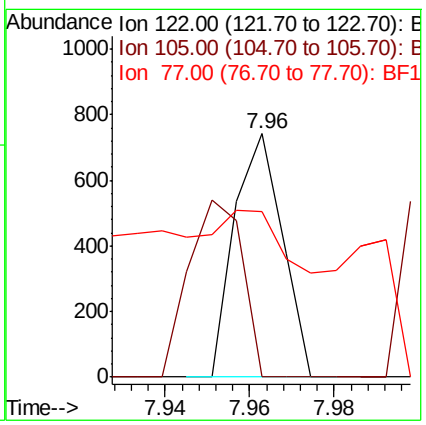


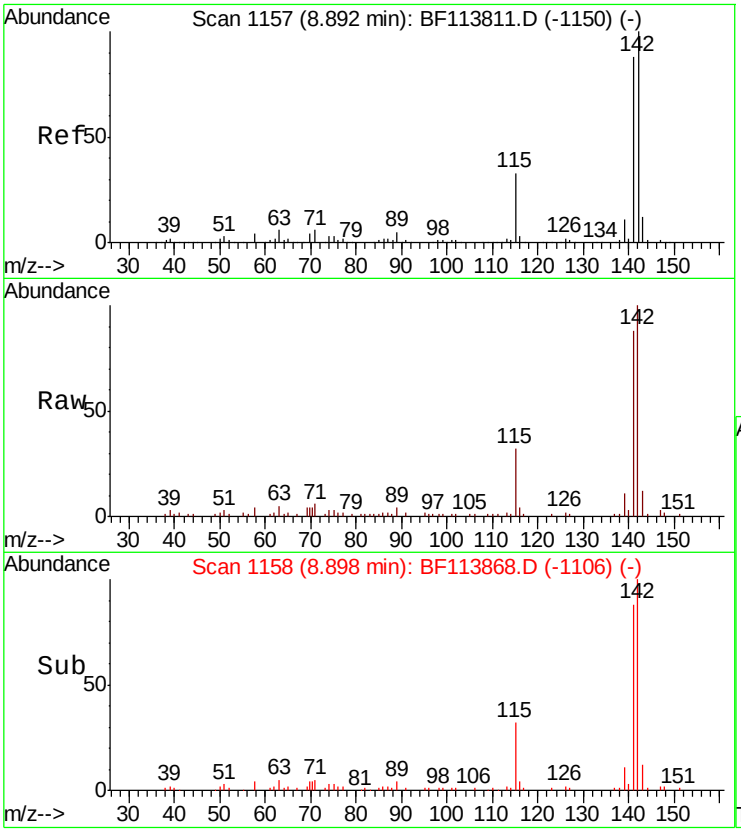


#32
Benzoic acid
Concen: 6.024 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.03 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Tgt Ion:122 Resp: 583

Ion	Ratio	Lower	Upper
122	100		
105	0.0	104.3	144.3#
77	68.2	70.4	110.4#



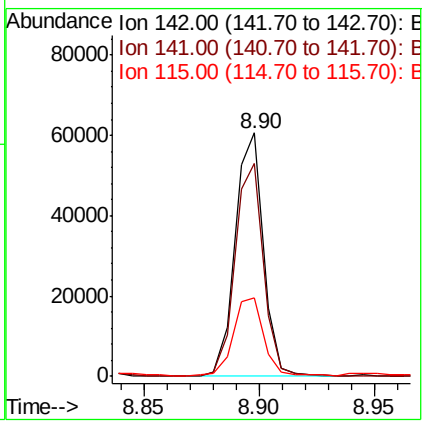


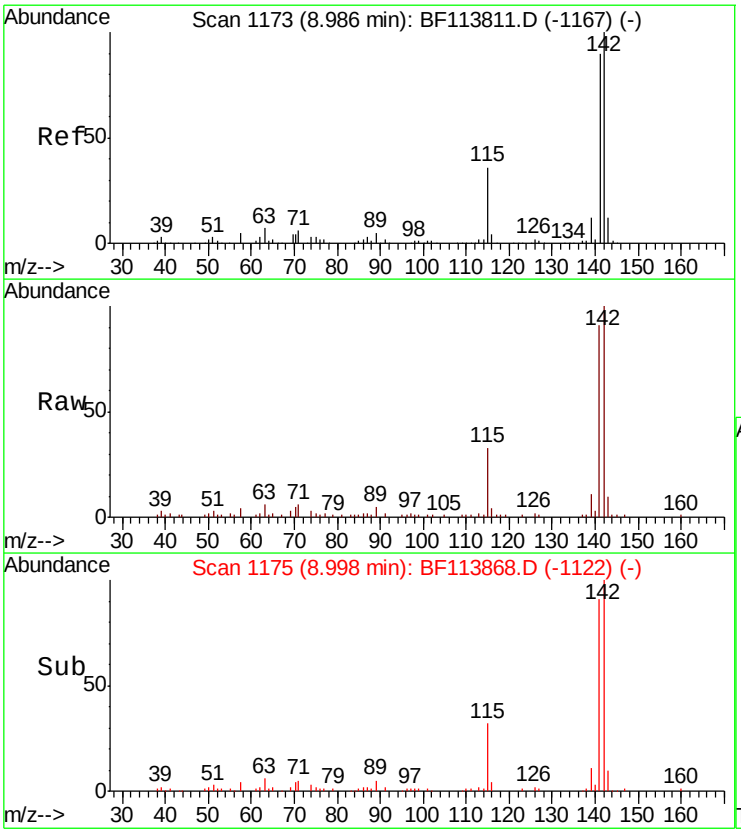
#37
2-Methylnaphthalene
Concen: 2.918 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Tgt Ion:142 Resp: 51884

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.4	105.6
115	32.5	26.3	39.5

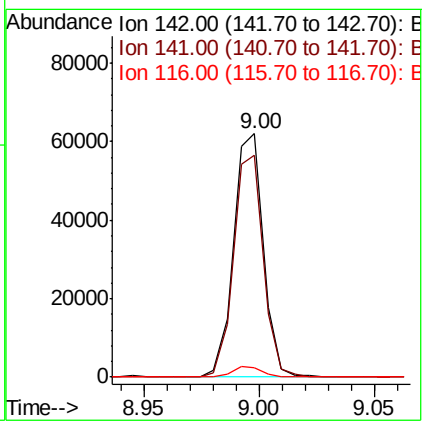


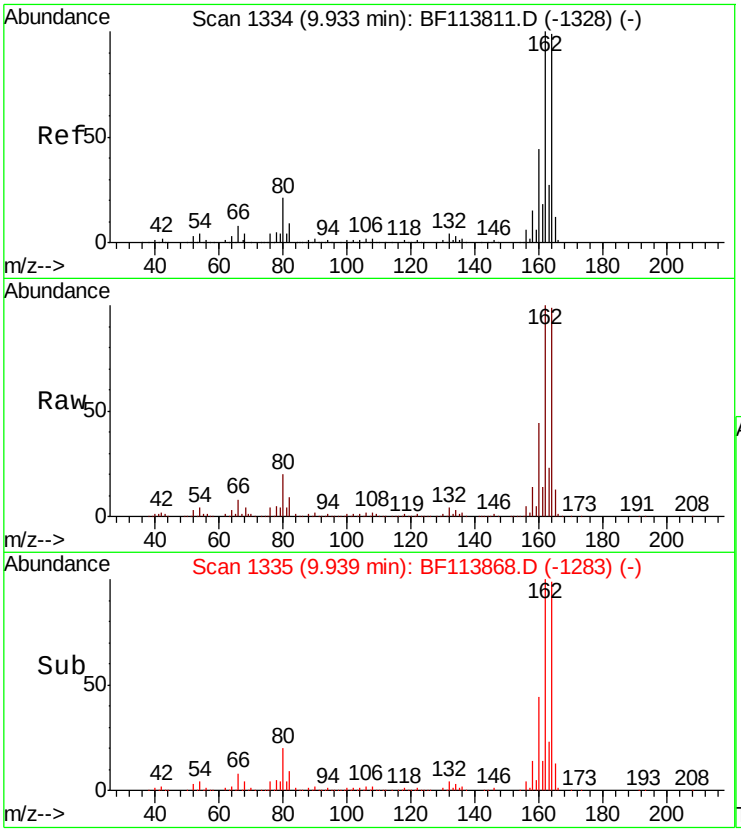


#38
1-Methylnaphthalene
Concen: 3.230 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Tgt Ion:142 Resp: 55716

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.3	108.5
116	3.8	3.0	4.4



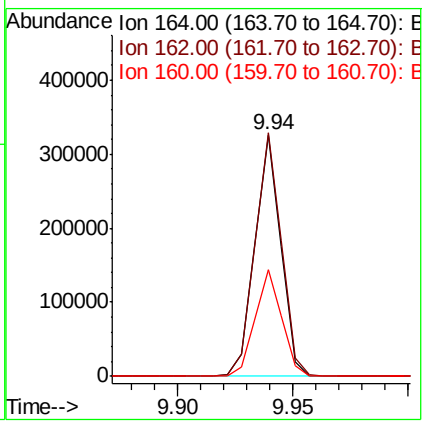


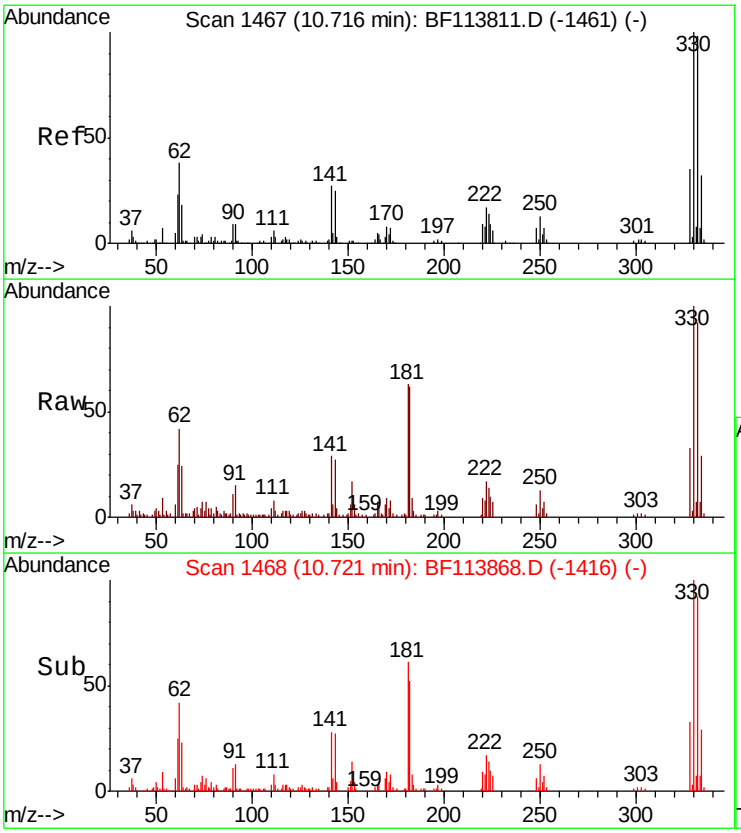
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Tgt Ion:164 Resp: 257718

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.1	121.7
160	43.9	35.8	53.6

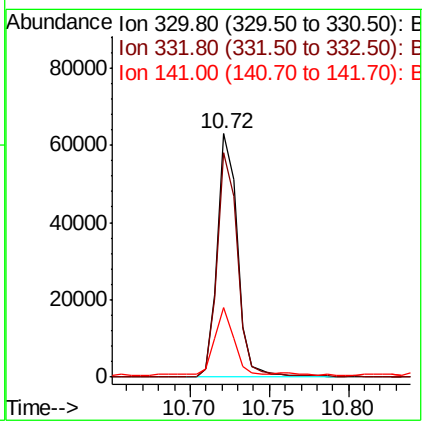


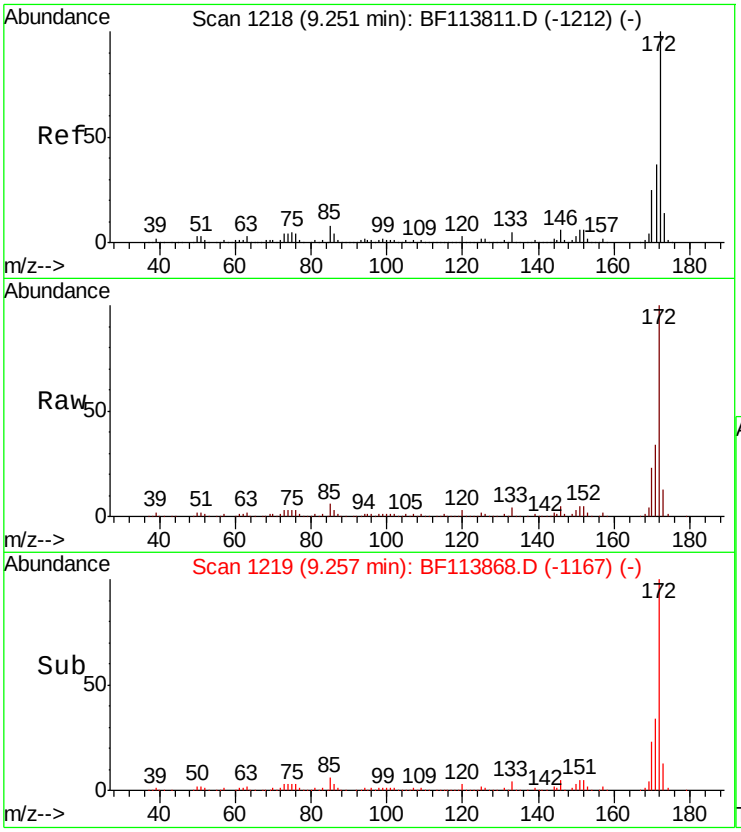


#42
2,4,6-Tribromophenol
Concen: 19.663 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Tgt Ion:330 Resp: 55986

Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.5	116.3
141	25.9	22.2	33.2



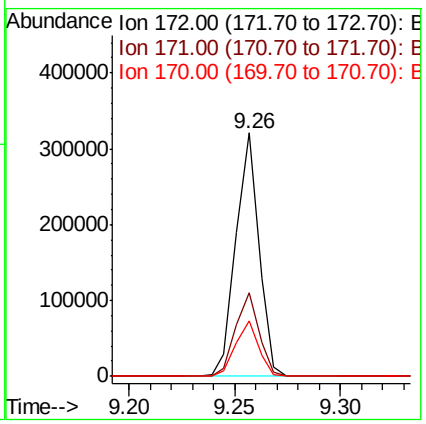


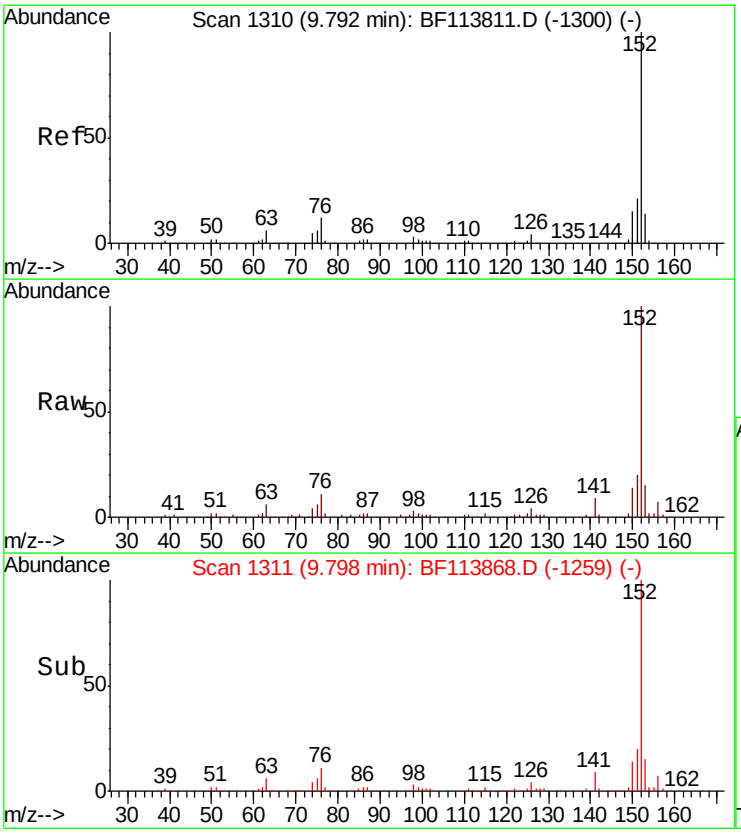
#45
2-Fluorobiphenyl
Concen: 14.321 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Tgt Ion:172 Resp: 242004

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.4	44.0
170	22.6	19.9	29.9

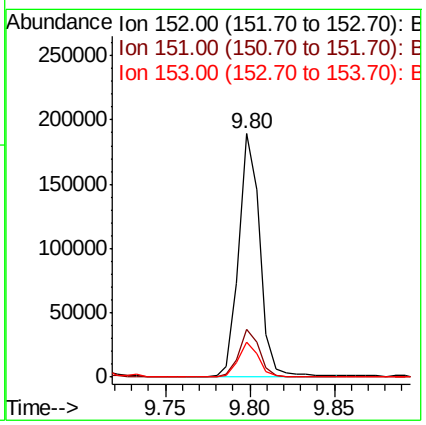


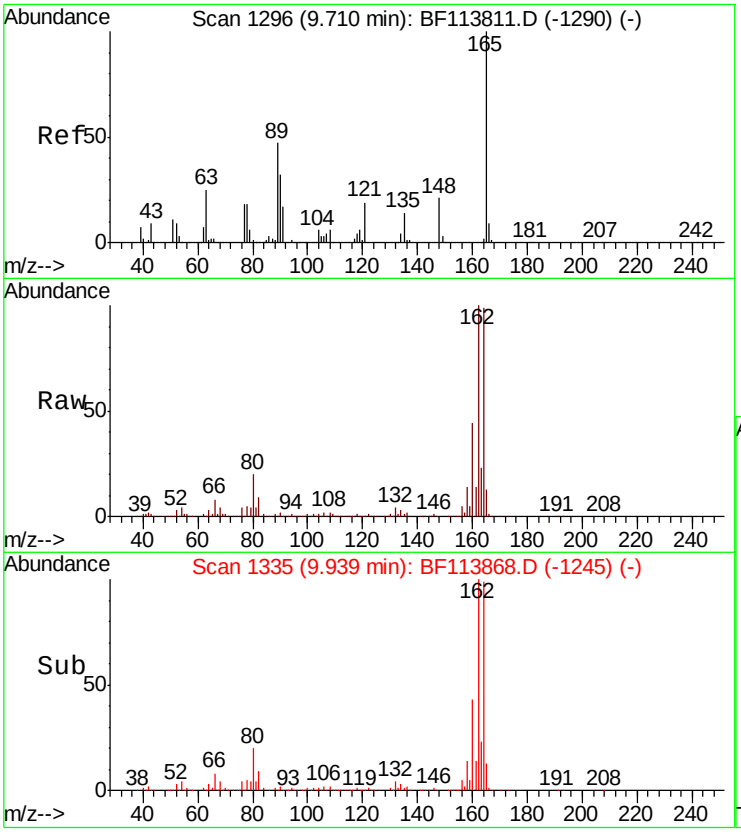


#49
Acenaphthylene
Concen: 6.641 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Tgt Ion:152 Resp: 165822

Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.0	25.4
153	14.6	11.0	16.6



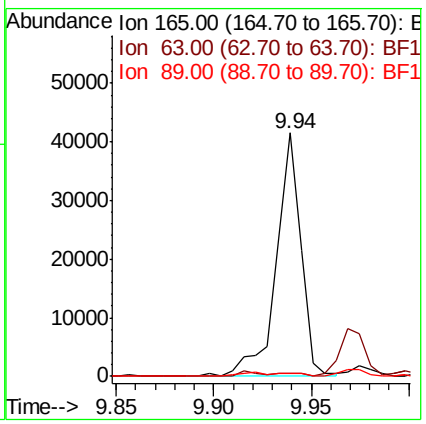


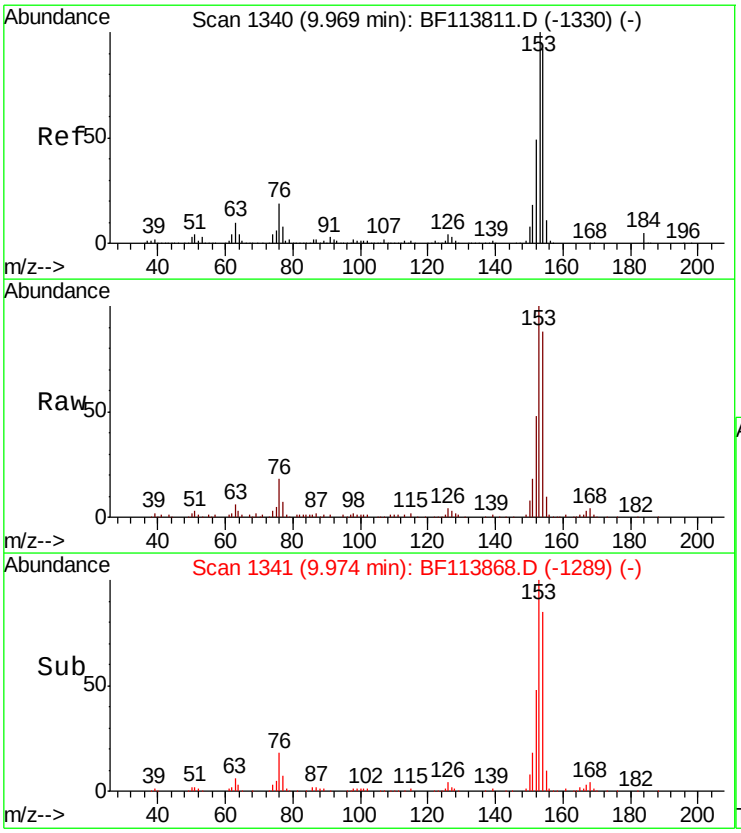
#51
2,6-Dinitrotoluene
Concen: 9.101 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.23 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Tgt Ion:165 Resp: 36225

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

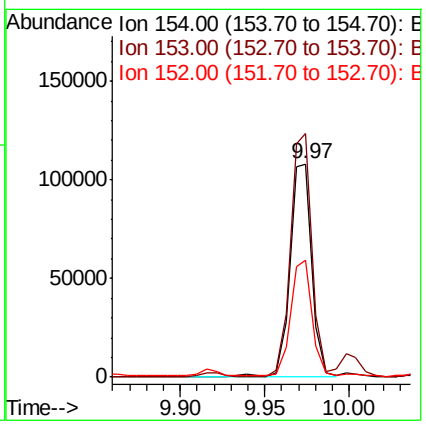


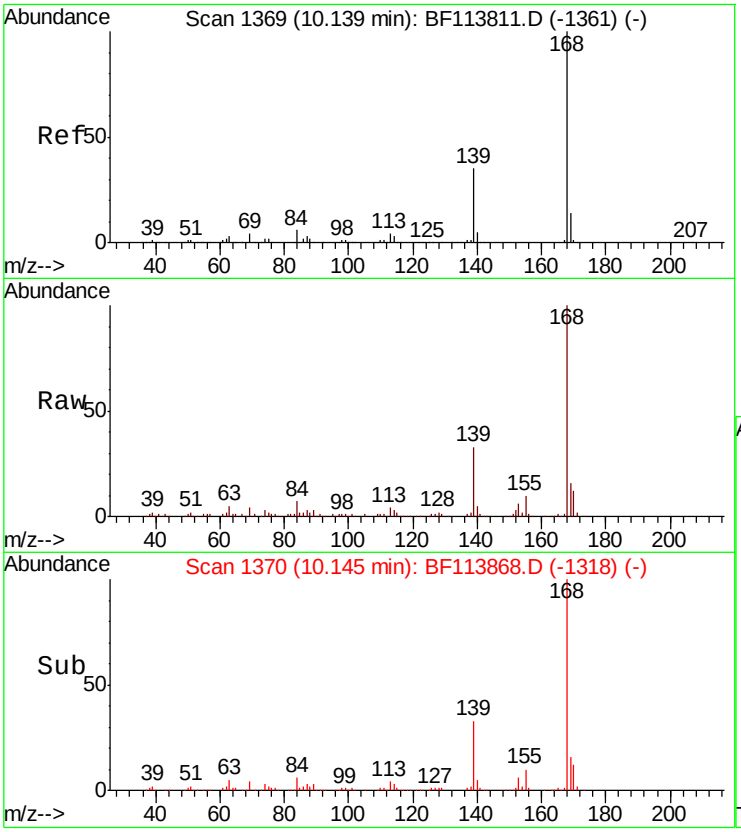


#52
Acenaphthene
Concen: 6.685 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Tgt Ion:154 Resp: 97903

Ion	Ratio	Lower	Upper
154	100		
153	114.3	87.2	130.8
152	55.1	42.3	63.5



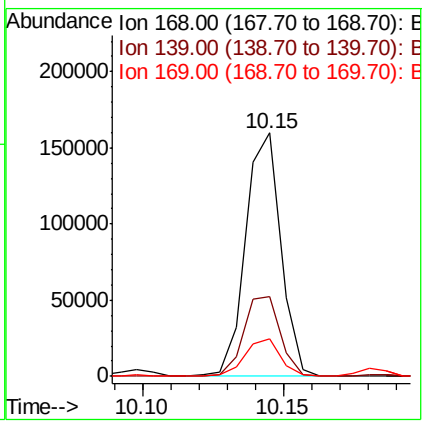


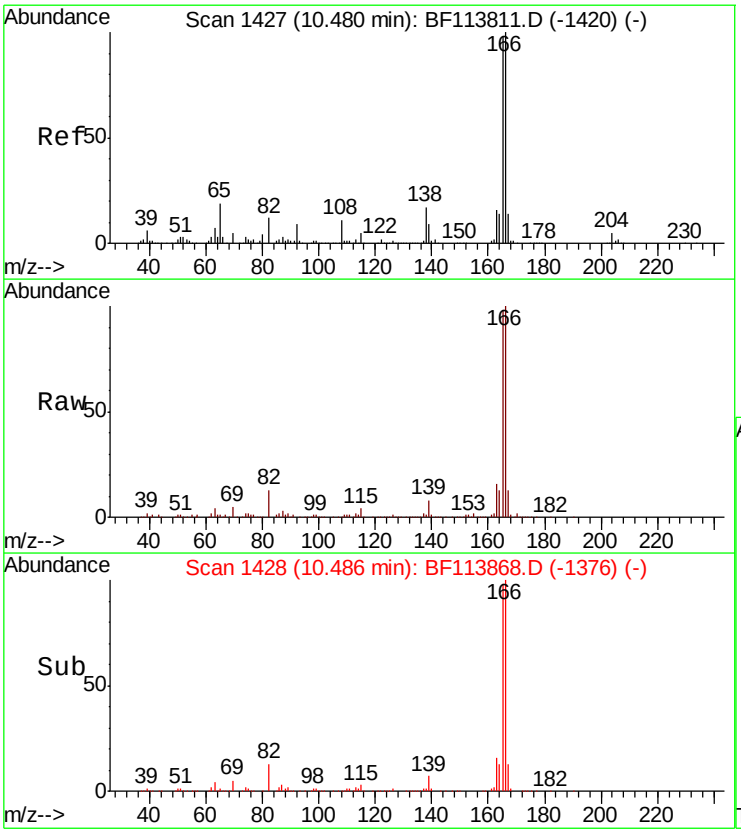
#55
Dibenzofuran
Concen: 6.333 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Tgt Ion:168 Resp: 138947

Ion	Ratio	Lower	Upper
168	100		
139	32.8	27.8	41.6
169	15.5	11.0	16.6

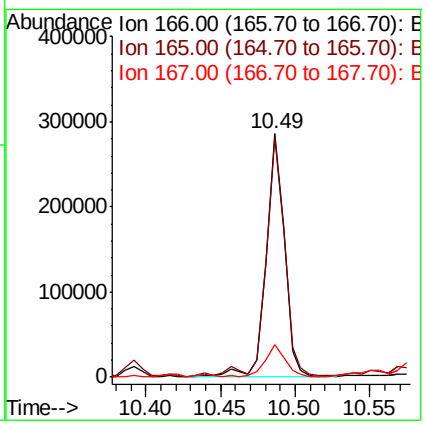


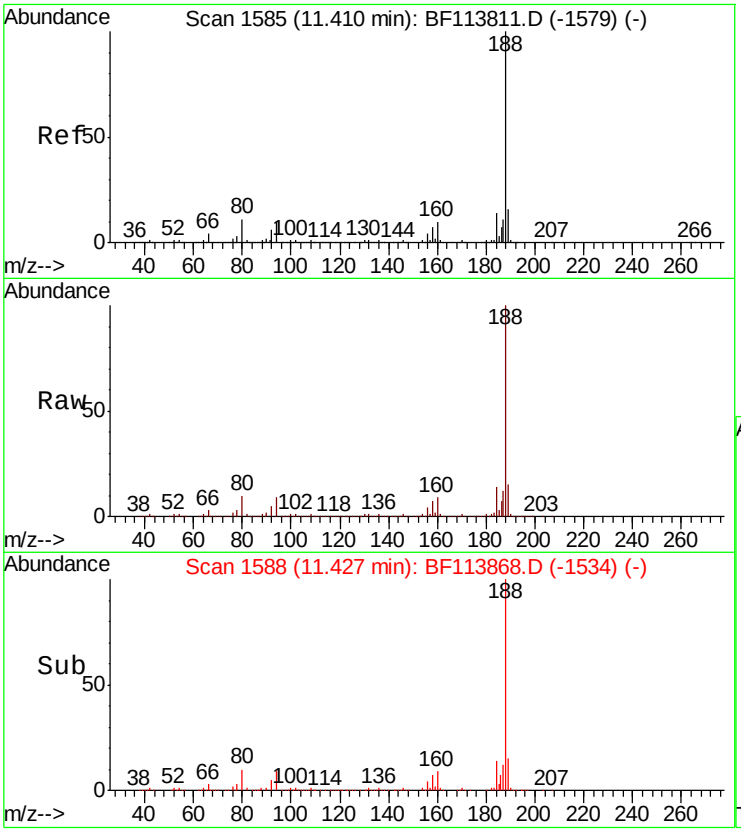


#58
Fluorene
Concen: 14.608 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Tgt Ion:166 Resp: 239078

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	13.4	10.9	16.3



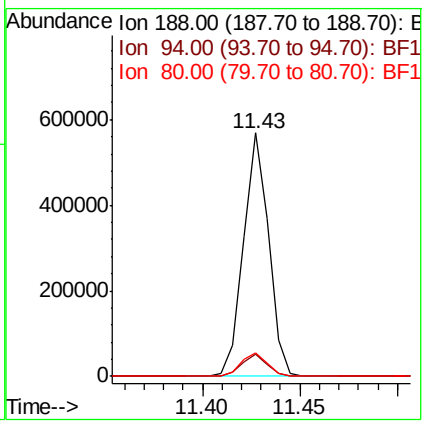


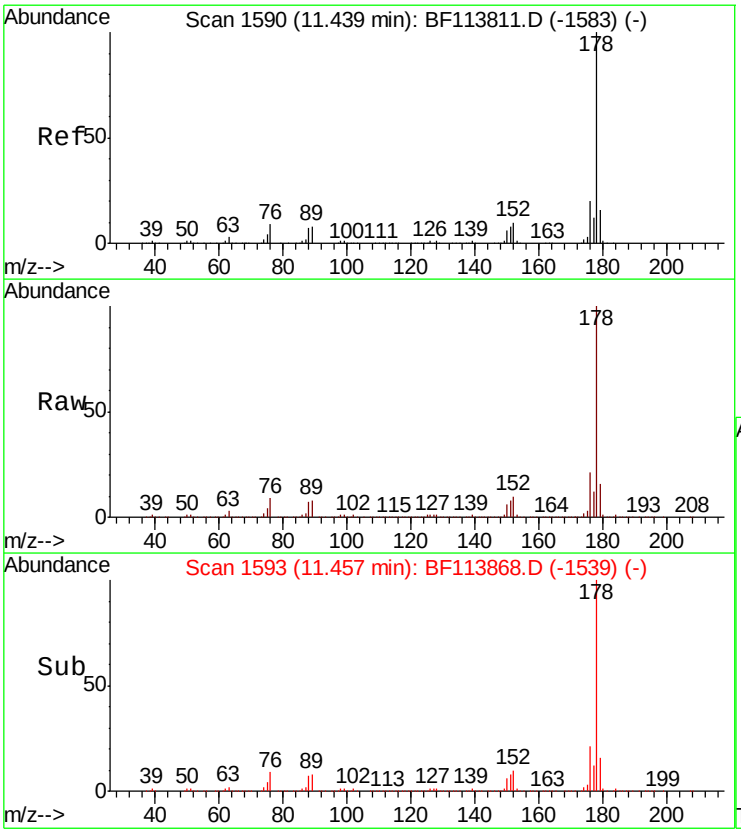
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.02 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Tgt Ion:188 Resp: 508035

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.4
80	9.8	9.0	13.6

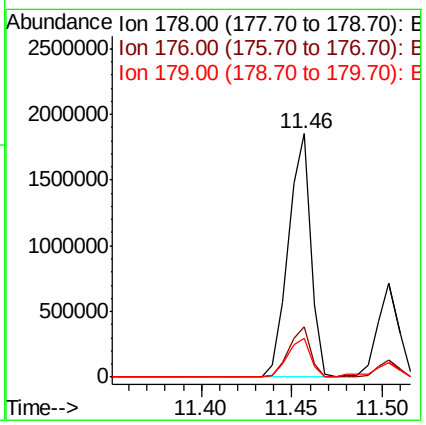


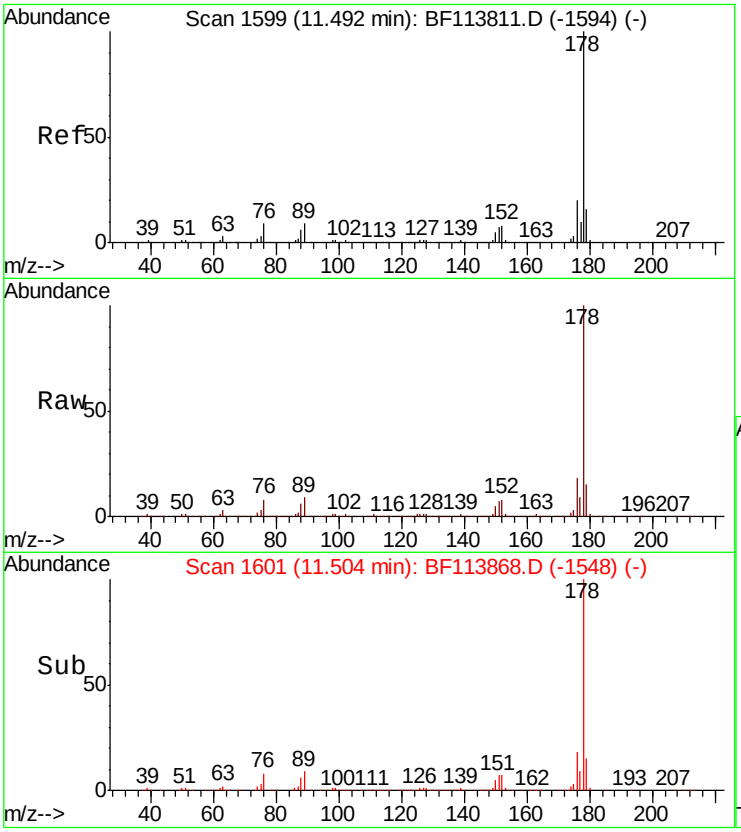


#71
Phenanthrene
Concen: 62.416 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Tgt Ion:178 Resp: 1615002

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.1	24.1
179	15.9	12.8	19.2



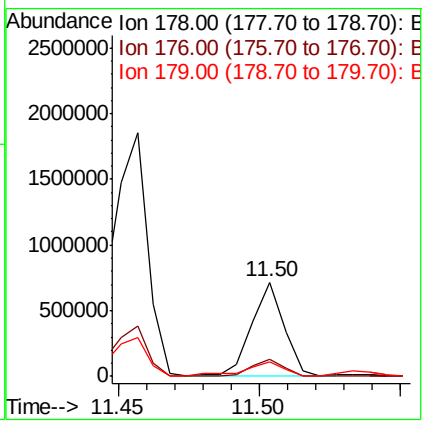


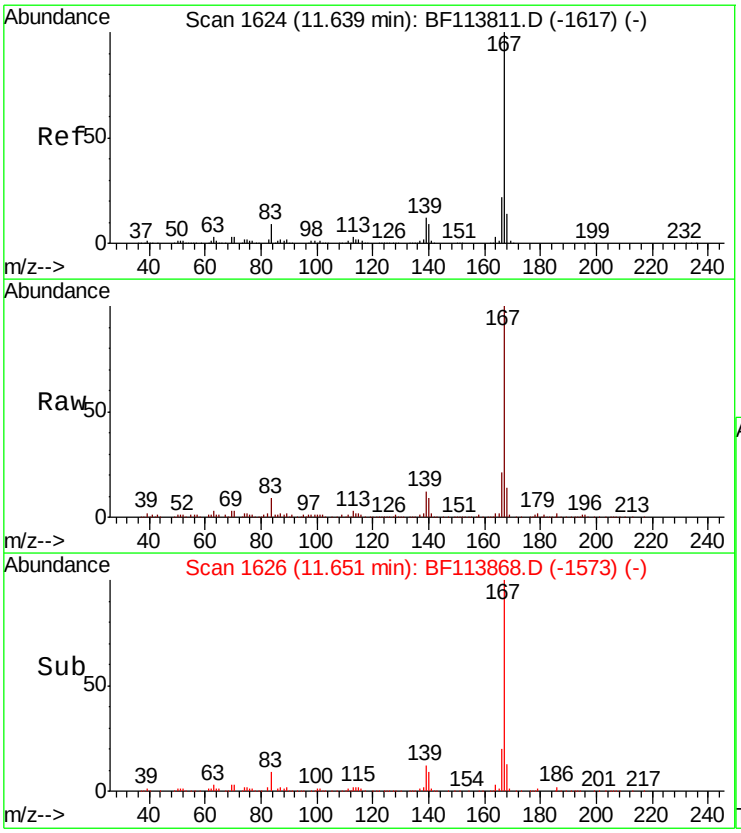
#72
Anthracene
Concen: 21.481 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Tgt Ion:178 Resp: 560101

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.7	23.5
179	15.2	13.0	19.4

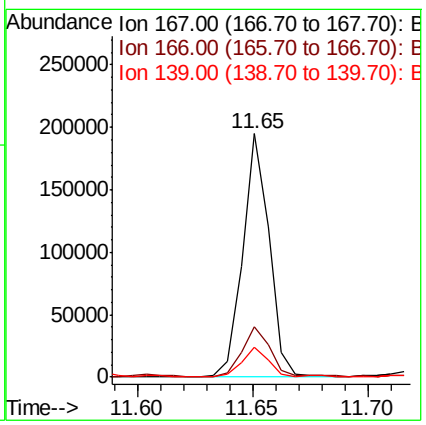


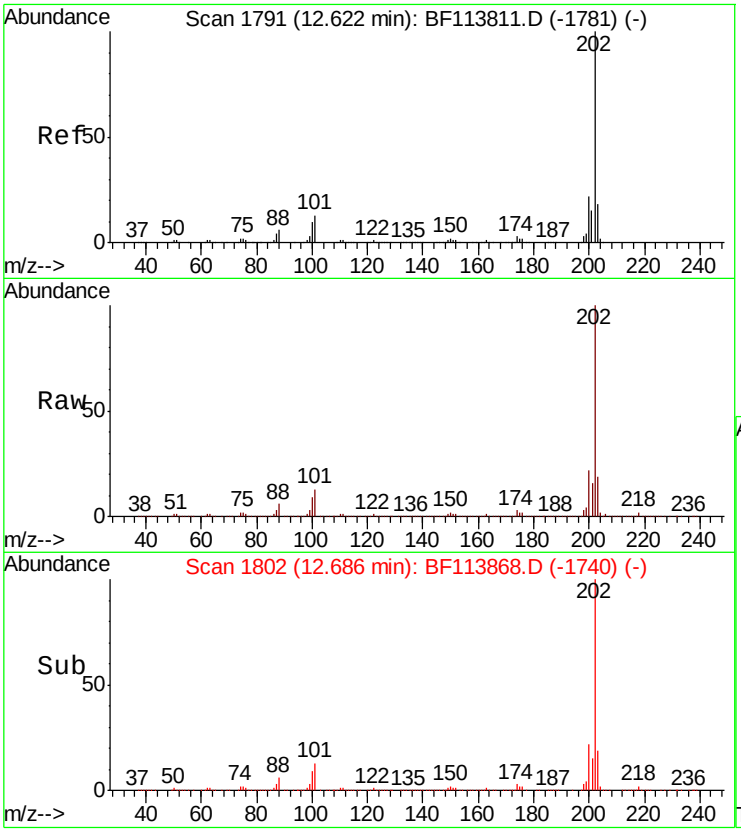


#73
Carbazole
Concen: 6.540 ng
RT: 11.65 min Scan# 1626
Delta R.T. 0.01 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Tgt Ion:167 Resp: 154830

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.7	26.5
139	12.1	10.0	15.0



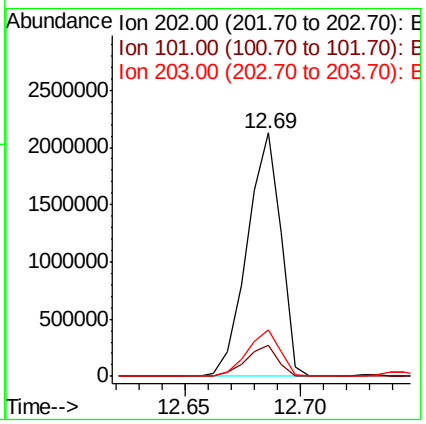


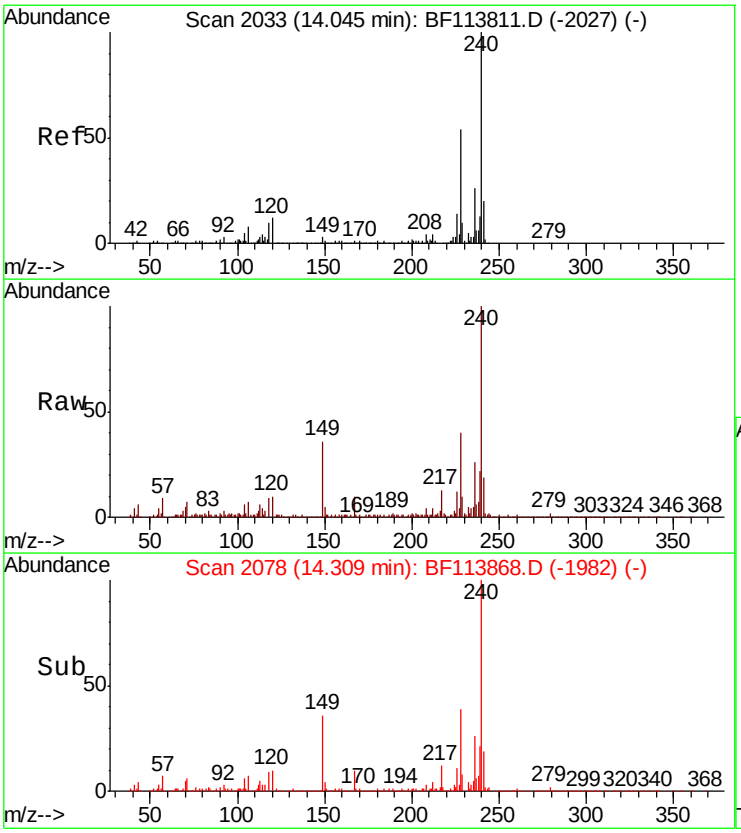
#75
Fluoranthene
Concen: 79.183 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.06 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Tgt Ion:202 Resp: 2171361

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.9
203	19.0	0.0	38.2

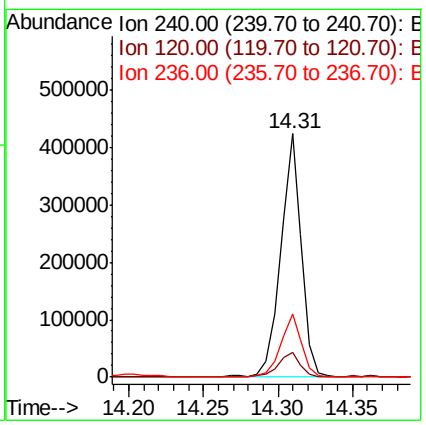


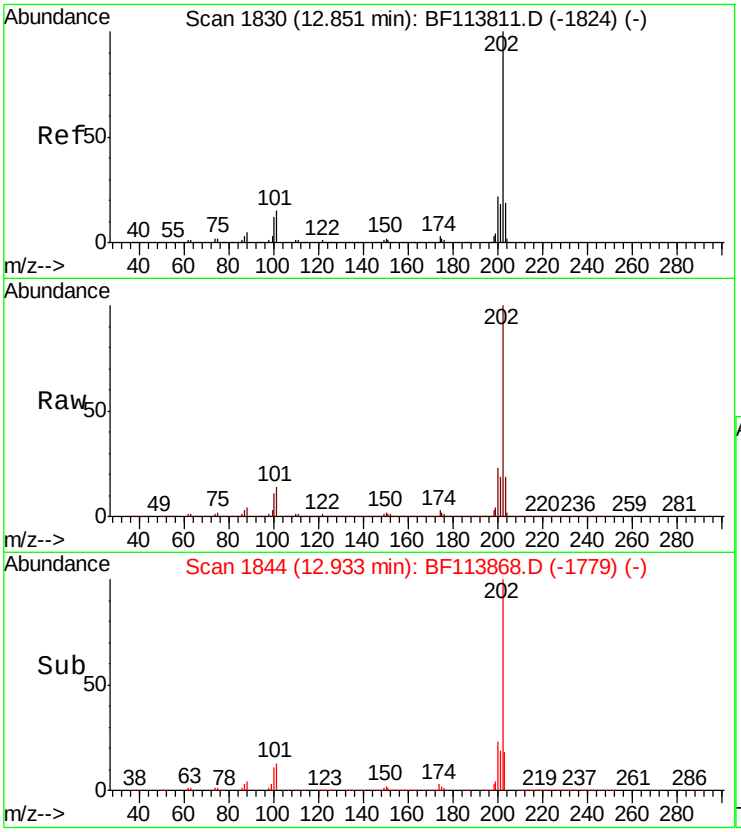


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.31 min Scan# 2078
Delta R.T. 0.26 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Tgt Ion:240 Resp: 409108

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.3	13.9
236	25.8	21.2	31.8



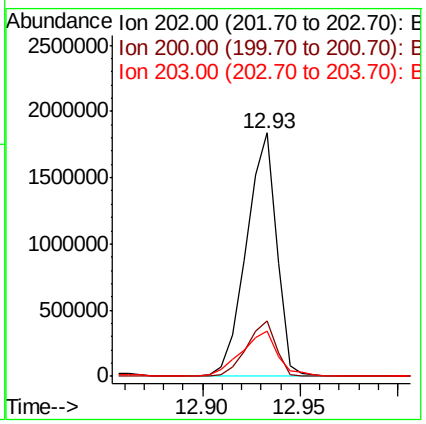


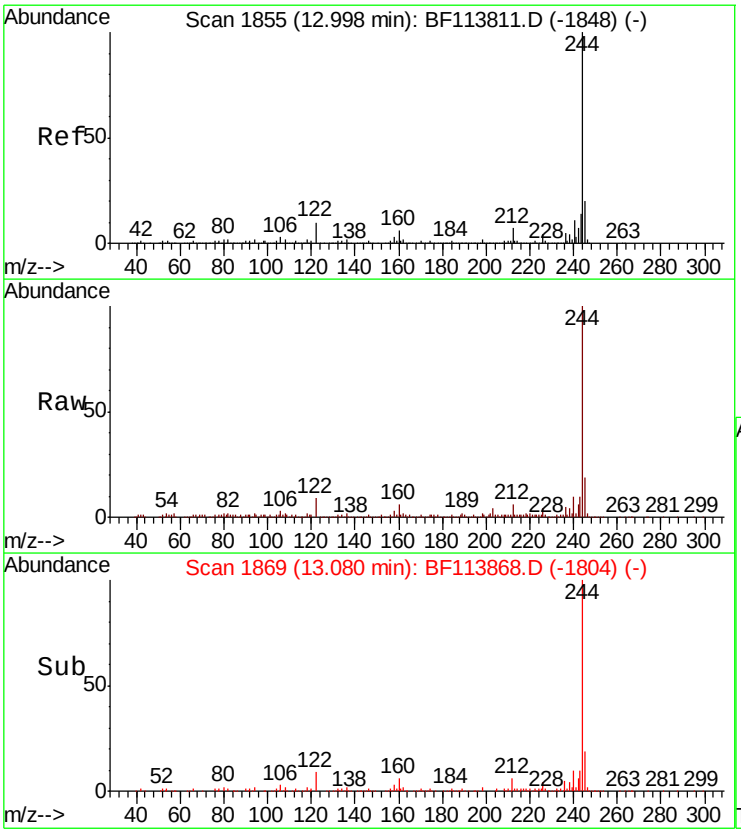
#78
Pyrene
Concen: 68.294 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.08 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Tgt Ion:202 Resp: 1969074

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.7	26.5
203	18.6	15.0	22.6

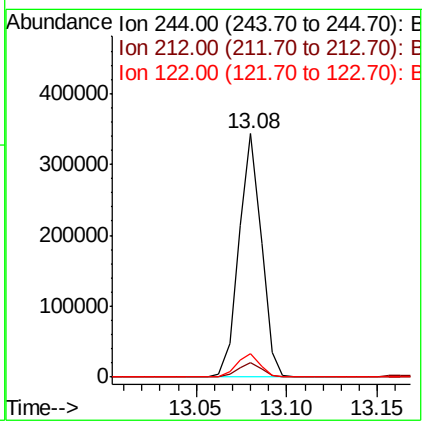


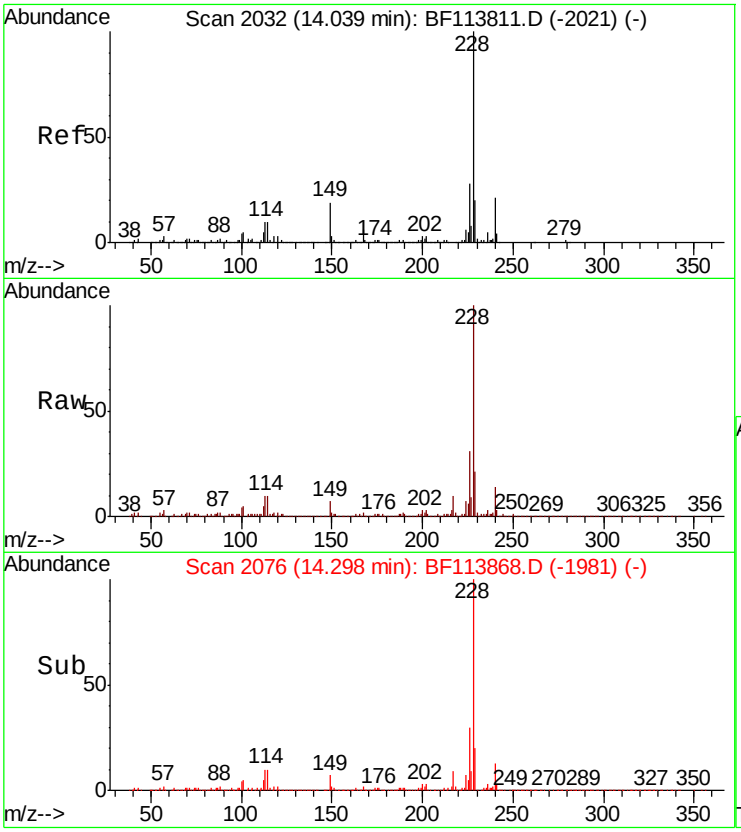


#79
Terphenyl-d14
Concen: 15.167 ng
RT: 13.08 min Scan# 1869
Delta R.T. 0.08 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Tgt Ion:244 Resp: 295907

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.2
122	9.5	7.6	11.4



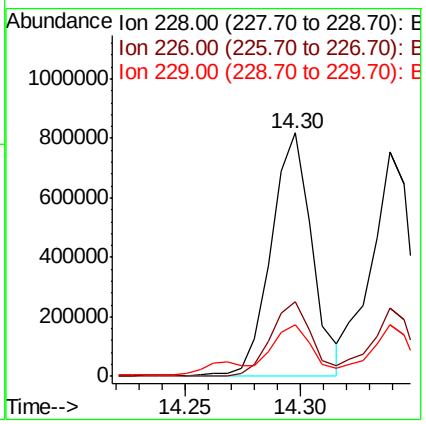


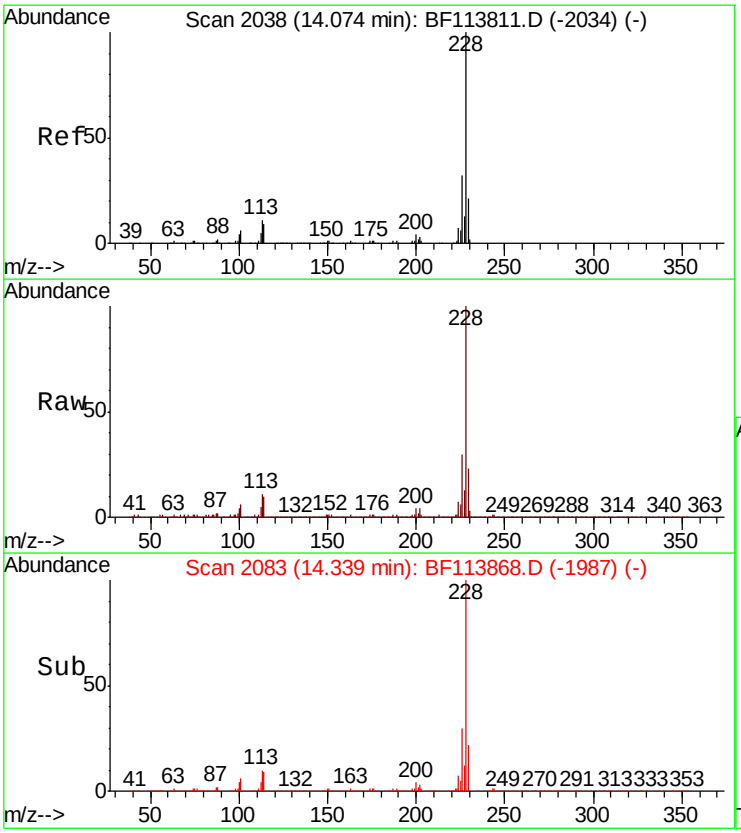
#81
Benzo(a)anthracene
Concen: 41.651 ng
RT: 14.30 min Scan# 2076
Delta R.T. 0.26 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Tgt Ion:228 Resp: 996073

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.2	33.2
229	21.1	16.0	24.0

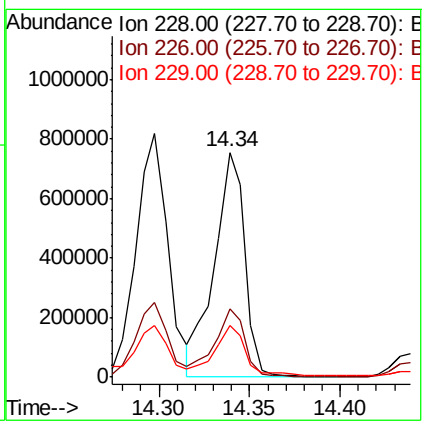


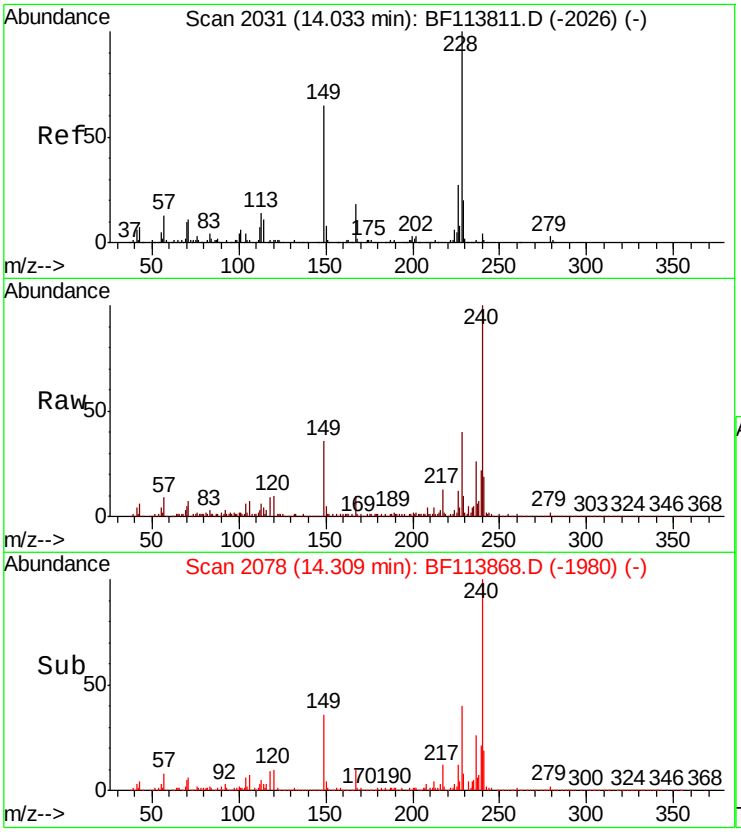


#83
Chrysene
Concen: 36.909 ng
RT: 14.34 min Scan# 2083
Delta R.T. 0.26 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Tgt Ion:228 Resp: 876103

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.2	37.8
229	22.7	16.7	25.1



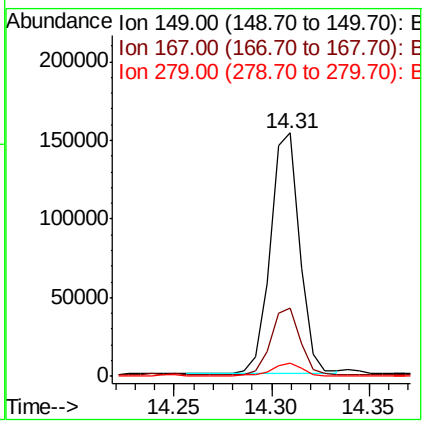


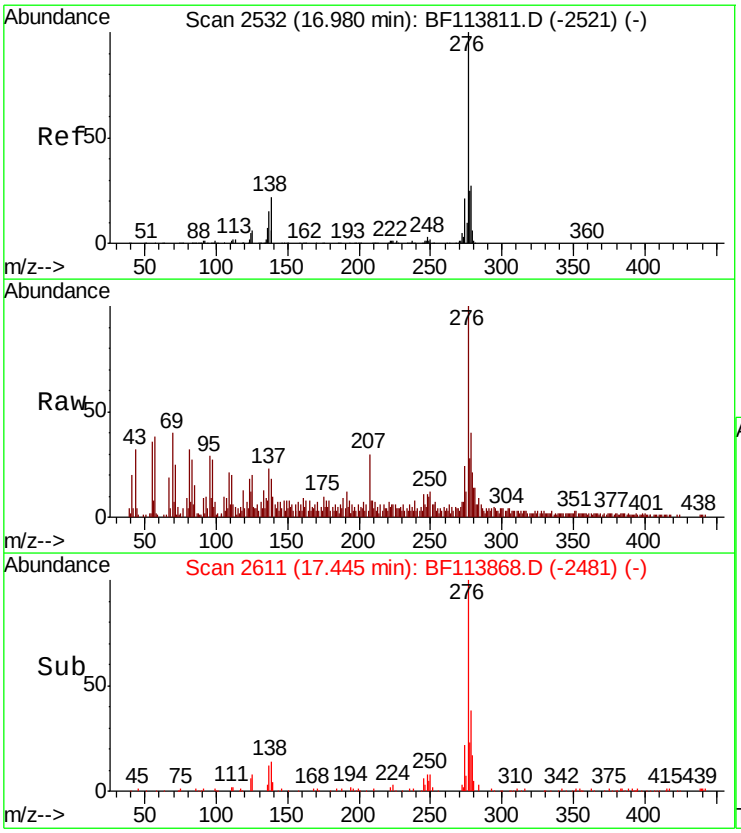
#84
Bis(2-ethylhexyl)phthalate
Concen: 12.497 ng
RT: 14.31 min Scan# 2078
Delta R.T. 0.28 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Tgt Ion:149 Resp: 159680

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.9	34.3
279	5.2	4.2	6.2

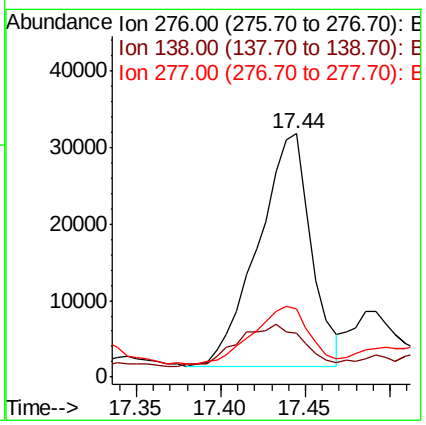


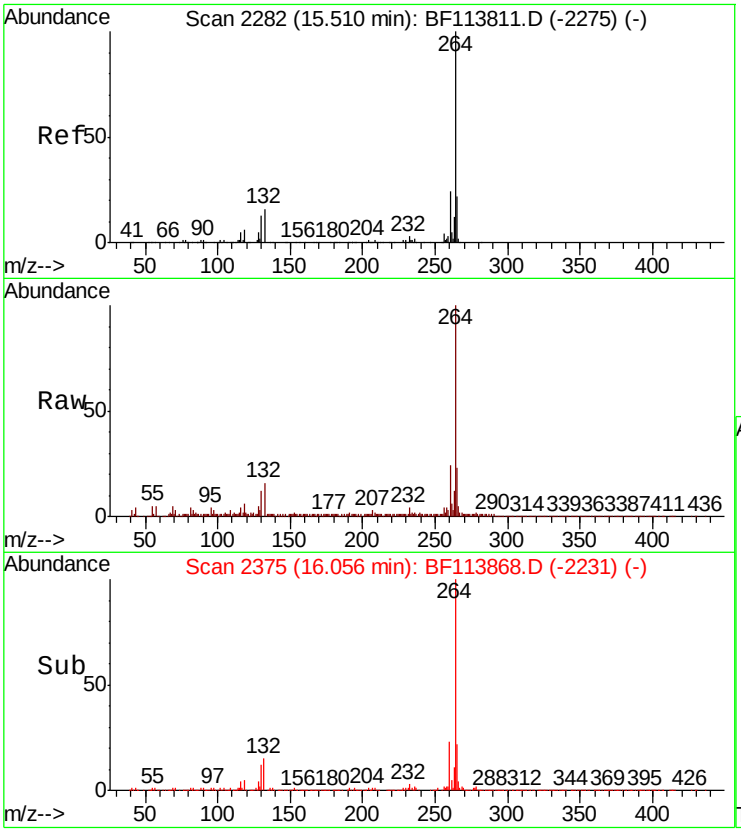


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.443 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.46 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Tgt Ion:276 Resp: 66708

Ion	Ratio	Lower	Upper
276	100		
138	21.9	19.6	29.4
277	26.0	20.2	30.4



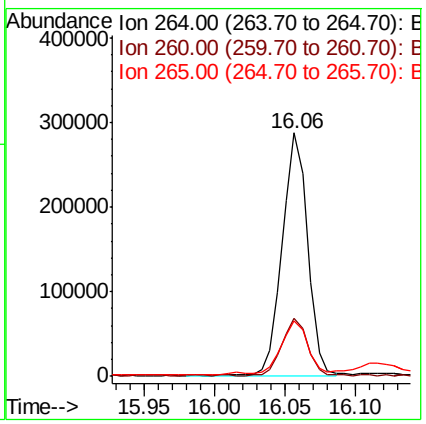


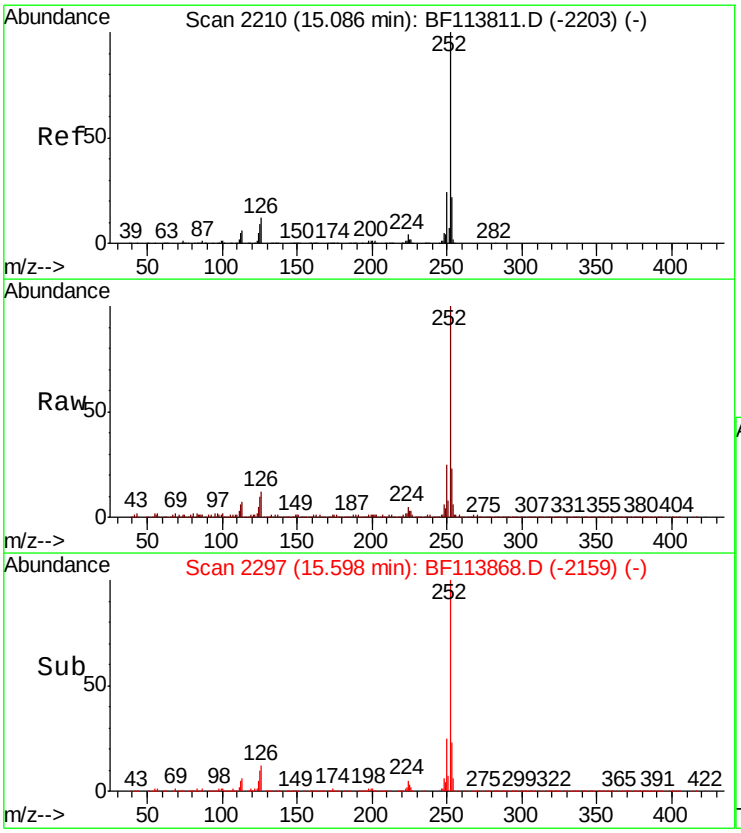
#87
Perylene-d12
Concen: 20.000 ng
RT: 16.06 min Scan# 2375
Delta R.T. 0.55 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Tgt Ion:264 Resp: 359030

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.8	17.3	25.9

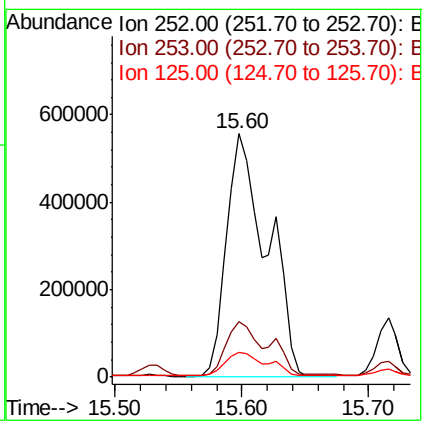


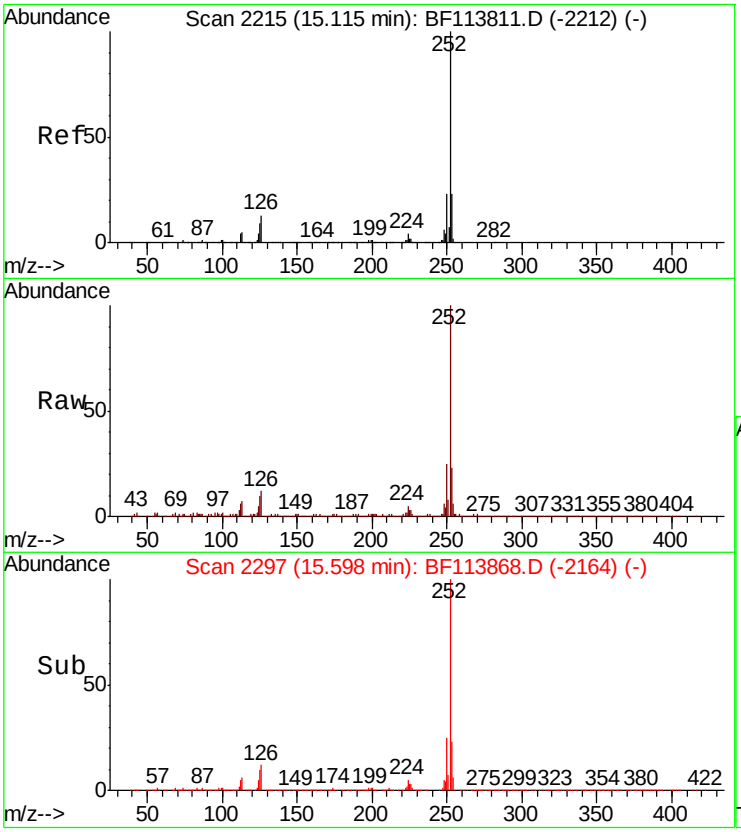


#88
Benzo(b)fluoranthene
Concen: 54.567 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.51 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Tgt Ion:252 Resp: 1221317

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	10.3	7.0	10.6



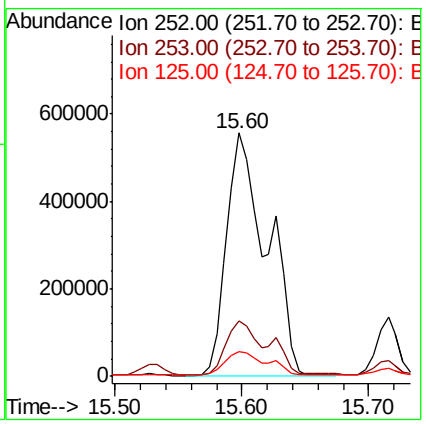


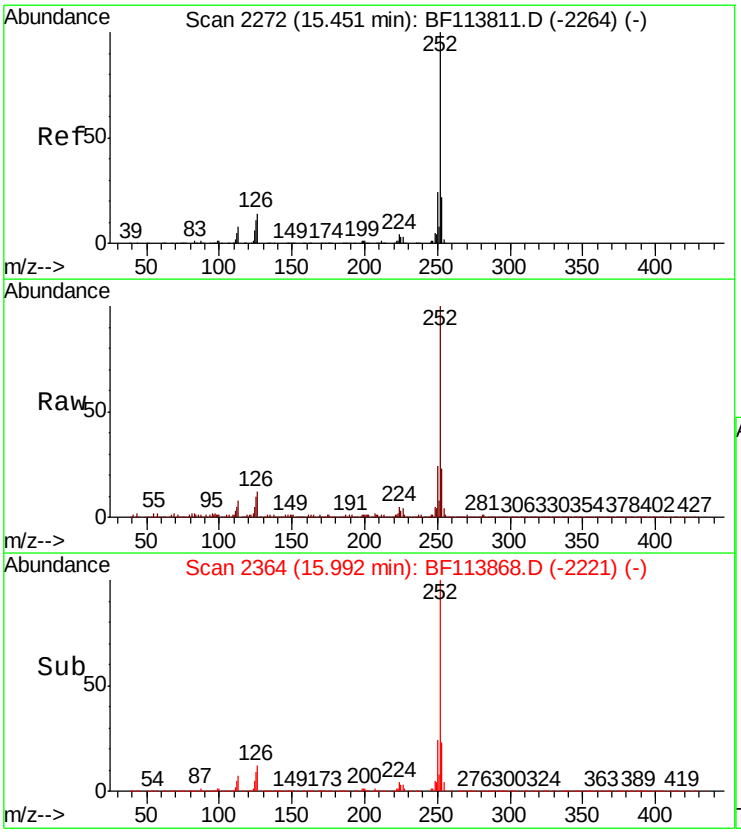
#89
Benzo(k)fluoranthene
Concen: 59.911 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.48 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Tgt Ion:252 Resp: 1221317

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	10.3	7.4	11.2

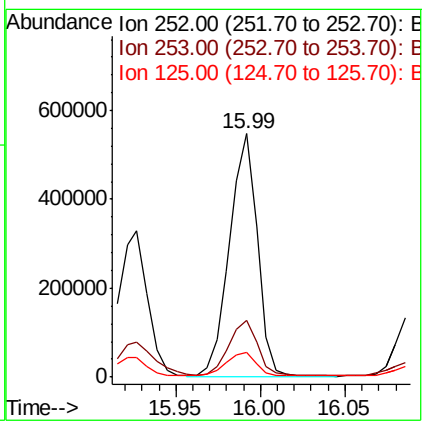


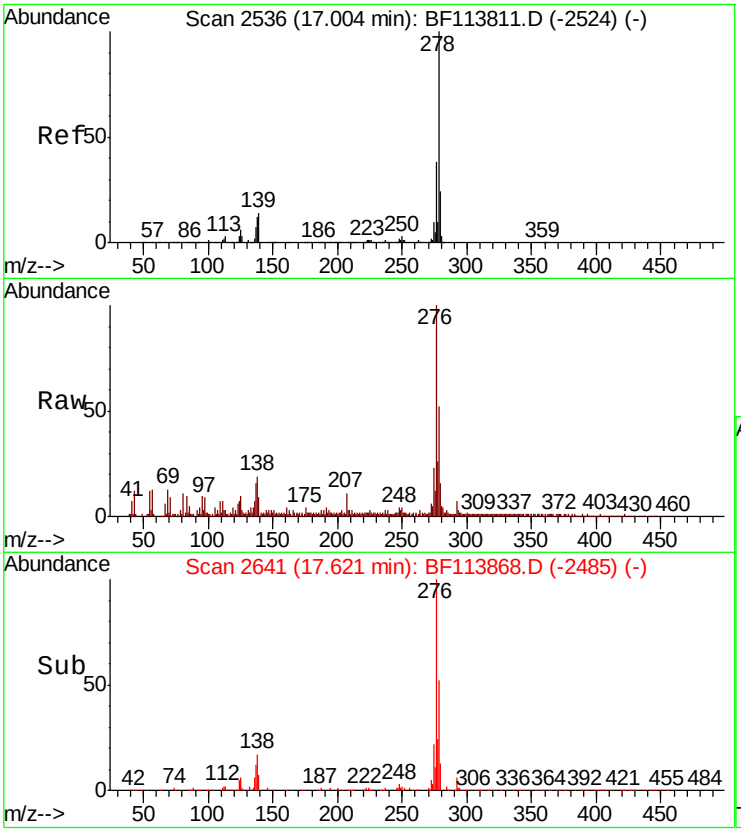


#90
Benzo(a)pyrene
Concen: 31.506 ng
RT: 15.99 min Scan# 2364
Delta R.T. 0.54 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Tgt Ion:252 Resp: 623526

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	10.0	8.5	12.7



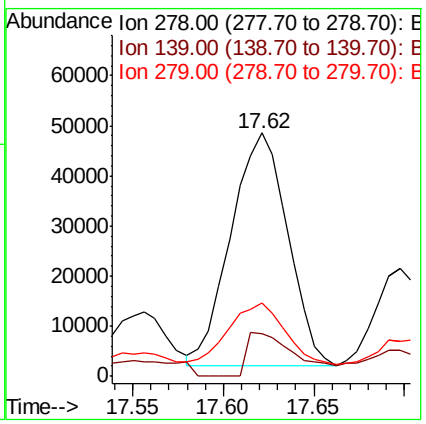


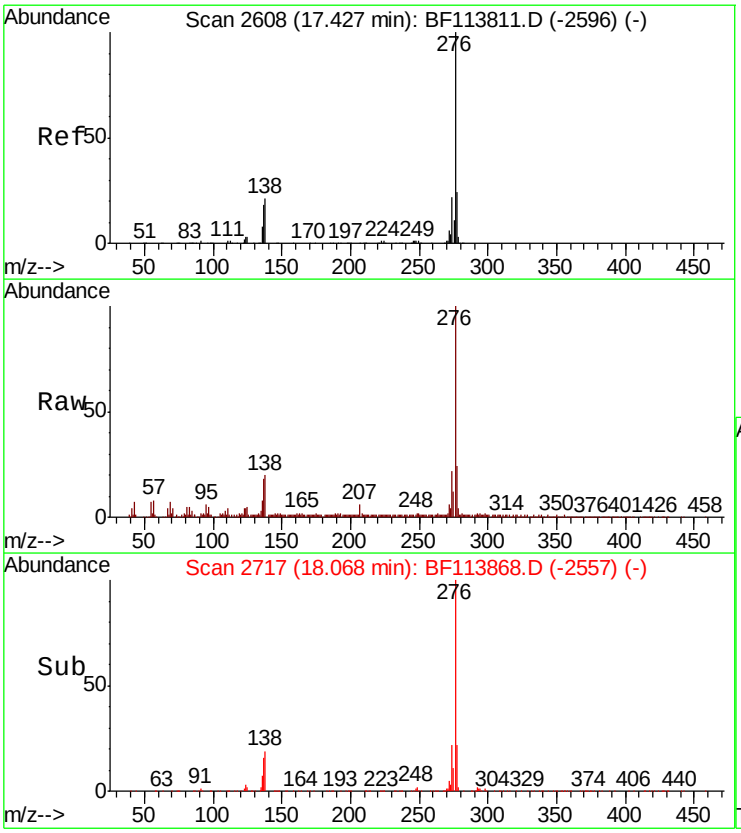
#91
Dibenzo(a,h)anthracene
Concen: 5.774 ng
RT: 17.62 min Scan# 2641
Delta R.T. 0.62 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-B

Tgt Ion:278 Resp: 101674

Ion	Ratio	Lower	Upper
278	100		
139	17.3	11.6	17.4
279	30.2	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 18.425 ng
RT: 18.07 min Scan# 2717
Delta R.T. 0.64 min
Lab File: BF113868.D
Acq: 19 Apr 2019 19:31

Tgt Ion:276 Resp: 329771

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	19.9	16.6	25.0