Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113859.D
Acq On : 19 Apr 2019 15:37
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 19 23:23:05 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	179967	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	625428	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	266462	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	494643	20.00	ng	0.02
76) Chrysene-d12	14.06	240	402	20.00	ng	0.02
87) Perylene-d12	15.53	264	249	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	462027	42.69	ng	0.00
7) Phenol-d6	6.52	99	575097	42.61	ng	0.00
23) Nitrobenzene-d5	7.45	82	309615	30.15	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	123689	42.02	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	563920	32.27	ng	0.00
79) Terphenyl-d14	13.19	244	656266	34232.78	ng	0.19
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	846	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	7.45	70	41266	4.580	ng #	78
25) Isophorone	7.45	82	309673	14.563	ng #	65
32) Benzoic acid	7.96	122	109	5.943	ng #	33
49) Acenaphthylene	9.80	152	65643	2.543	ng	98
50) Dimethylphthalate	9.65	163	48172	2.583	ng	100
51) 2,6-Dinitrotoluene	9.94	165	35754	8.688	ng #	34
65) 4,6-Dinitro-2-methylphenol	10.72	198	119	6.977	ng #	1
71) Phenanthrene	11.46	178	151093	5.998	ng	97
72) Anthracene	11.51	178	70890	2.792	ng	97
75) Fluoranthene	12.75	202	454000	17.004	ng	98
77) Benzidine	12.74	184	379	28.584	ng #	1
78) Pyrene	12.75	202	454000	16024.630	ng	98
80) Butylbenzylphthalate	13.50	149	835	79.562	ng #	21
81) Benzo(a)anthracene	14.05	228	1872	79.663	ng #	1
82) 3,3'-Dichlorobenzidine	14.04	252	174	20.833	ng #	52
83) Chrysene	14.05	228	1867	80.046	ng #	1
84) Bis(2-ethylhexyl)phthalate	14.03	149	608	48.425	ng #	57
85) Di-n-octyl phthalate	14.54	149	281494	14450.006	ng #	79
86) Indeno(1,2,3-cd)pyrene	17.03	276	1522	79.933	ng #	16
88) Benzo(b)fluoranthene	15.12	252	741	47.737	ng #	1
89) Benzo(k)fluoranthene	15.12	252	854	60.404	ng #	1
90) Benzo(a)pyrene	15.50	252	1408	102.582	ng #	1
91) Dibenzo(a,h)anthracene	17.03	278	3379	276.680	ng #	1
92) Benzo(g,h,i)perylene	17.44	276	2044	164.663	ng #	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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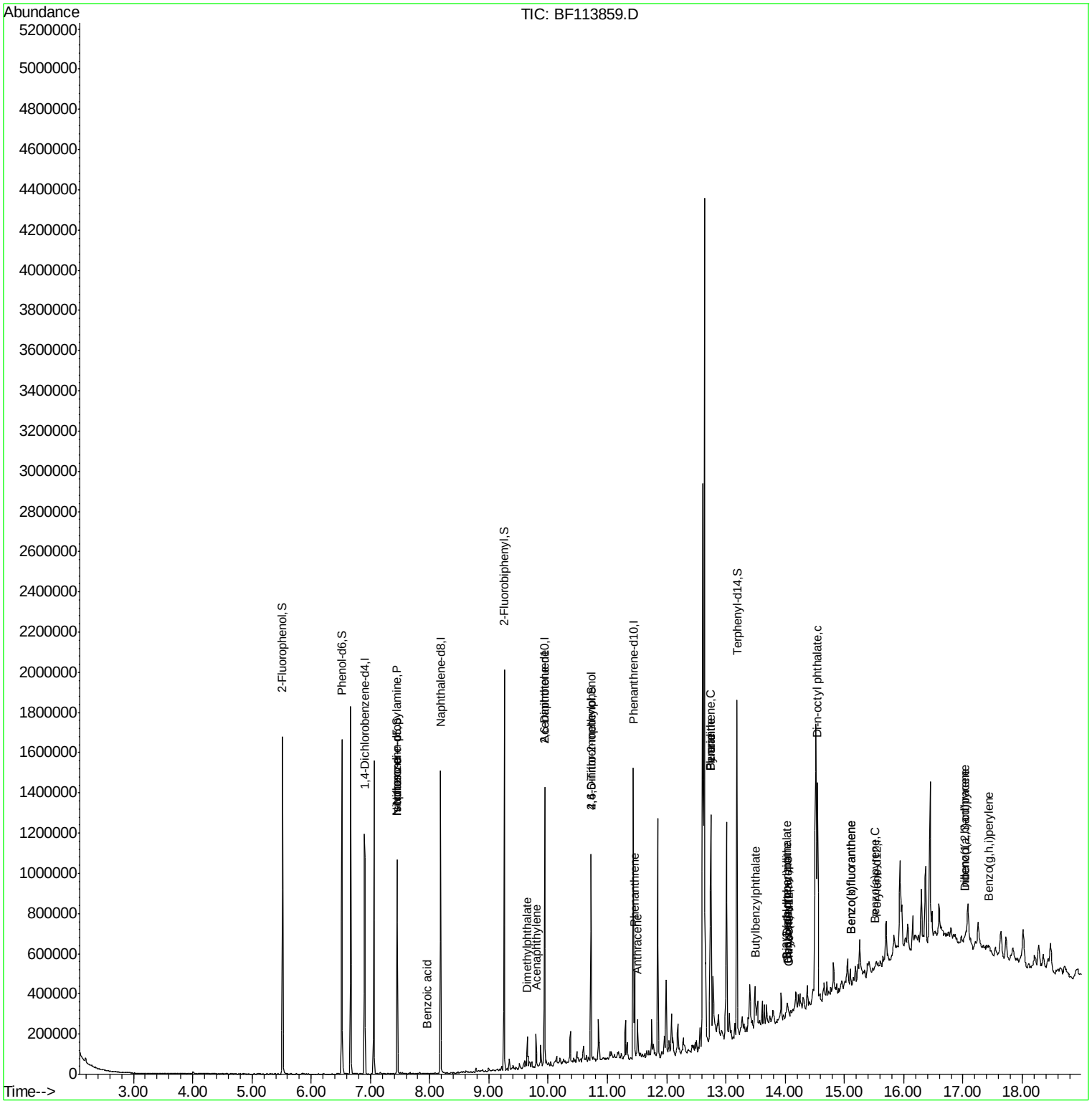
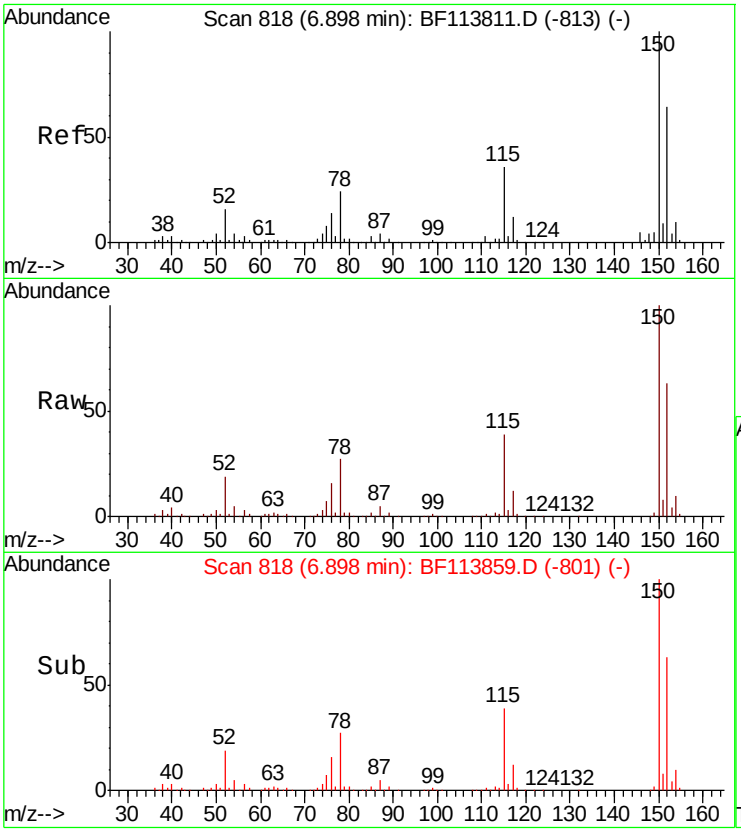
Sample : K2201-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 19 23:23:05 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



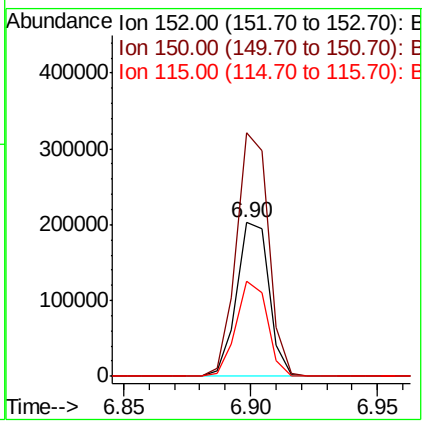


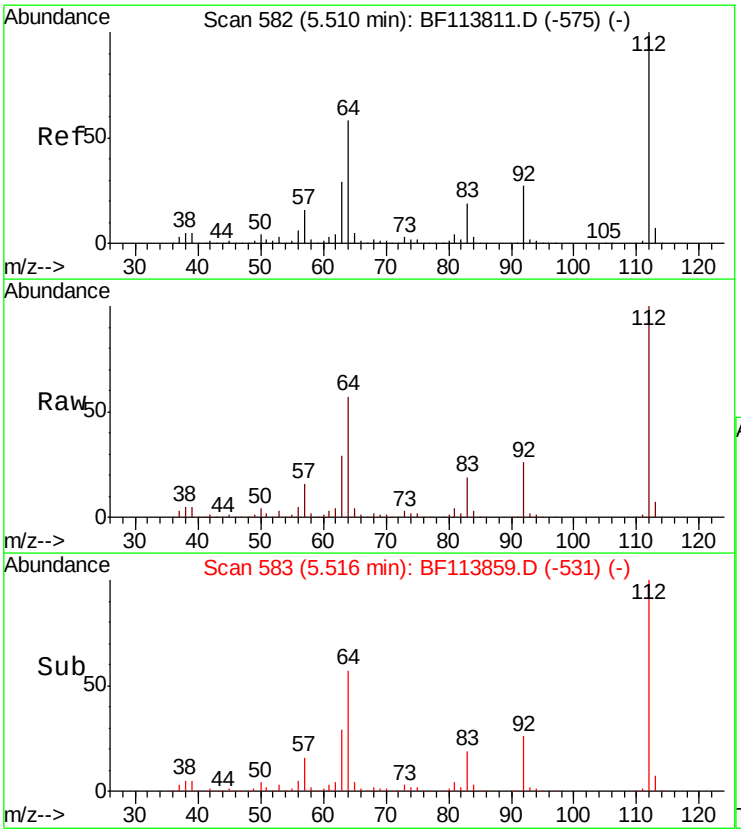
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

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

Tgt Ion:152 Resp: 179967

Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.9	188.9
115	62.3	45.9	68.9

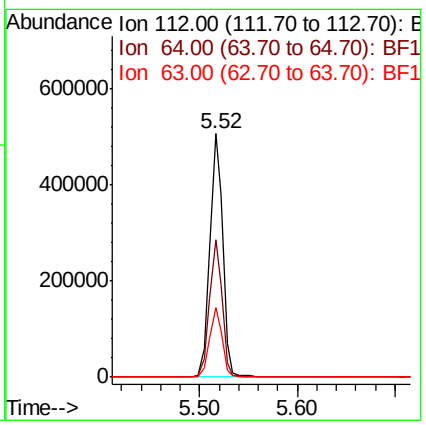


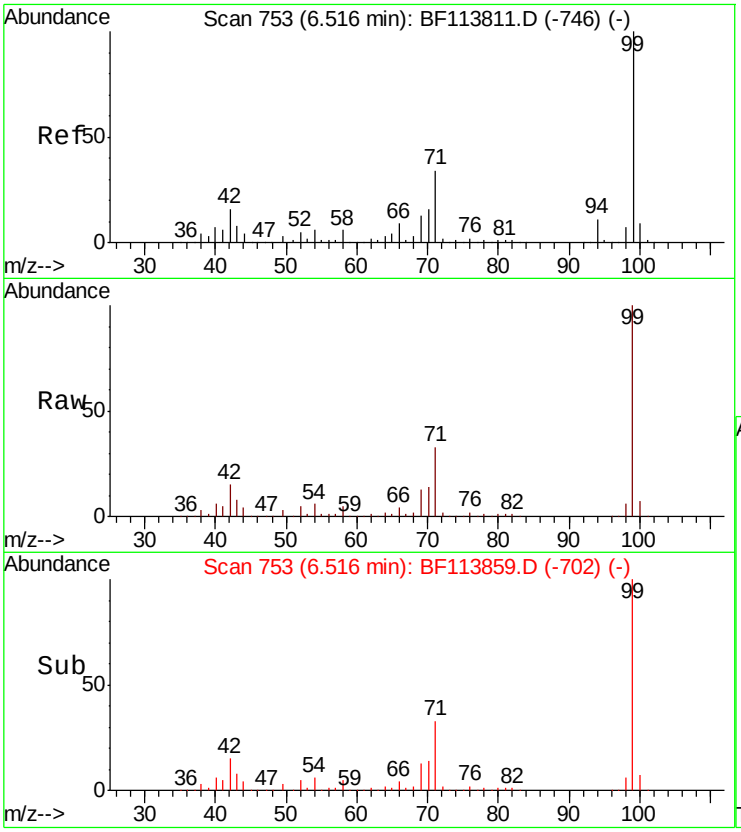


#5
2-Fluorophenol
Concen: 42.688 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion:112 Resp: 462027

Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.6	69.8
63	28.8	23.1	34.7



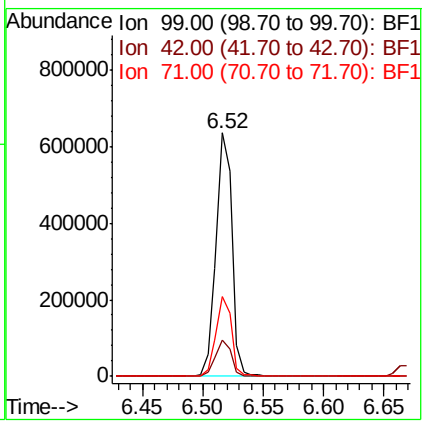


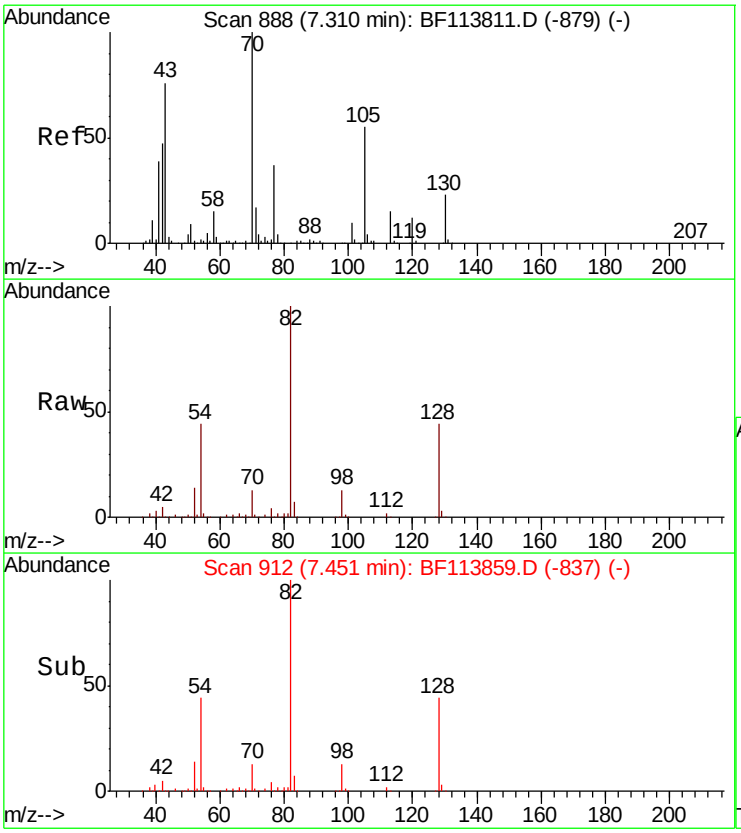
#7
Phenol-d6
Concen: 42.608 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

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

Tgt Ion: 99 Resp: 575097

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.5	18.7
71	32.9	26.9	40.3

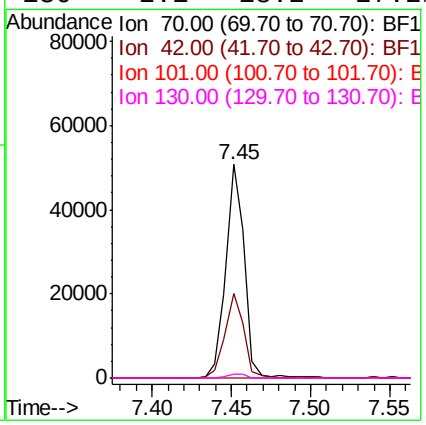


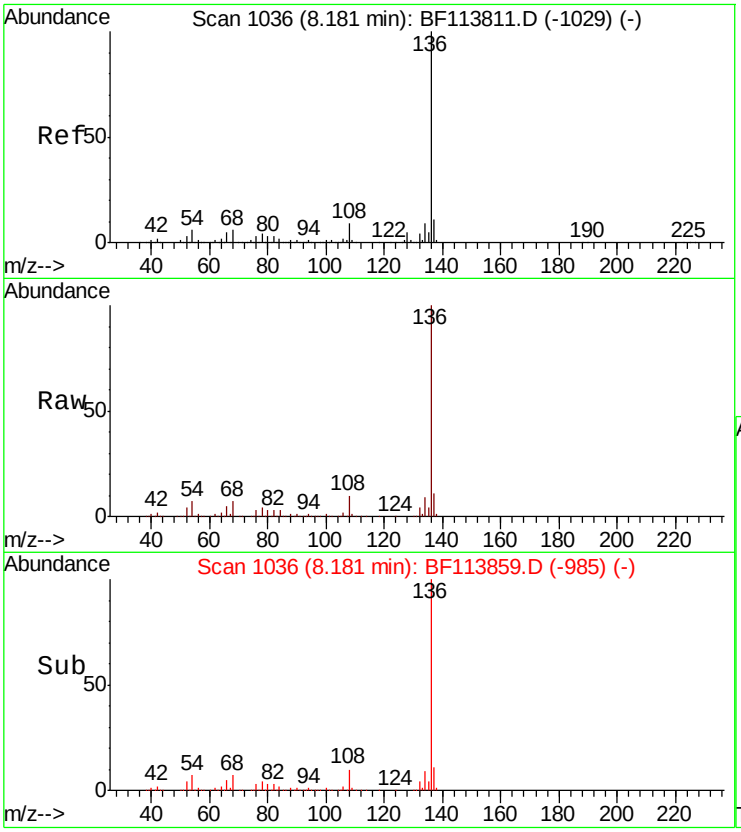


#19
n-Nitroso-di-n-propylamine
Concen: 4.580 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion: 70 Resp: 41266

Ion	Ratio	Lower	Upper
70	100		
42	39.9	37.3	55.9
101	0.0	7.8	11.8#
130	2.1	18.2	27.2#



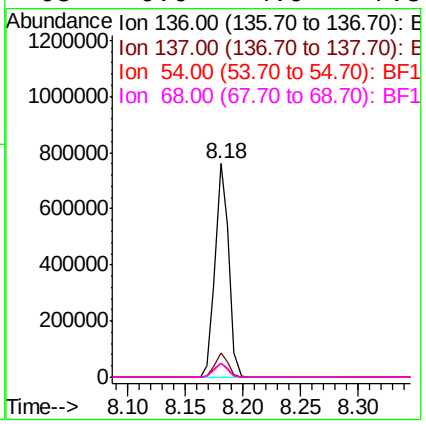


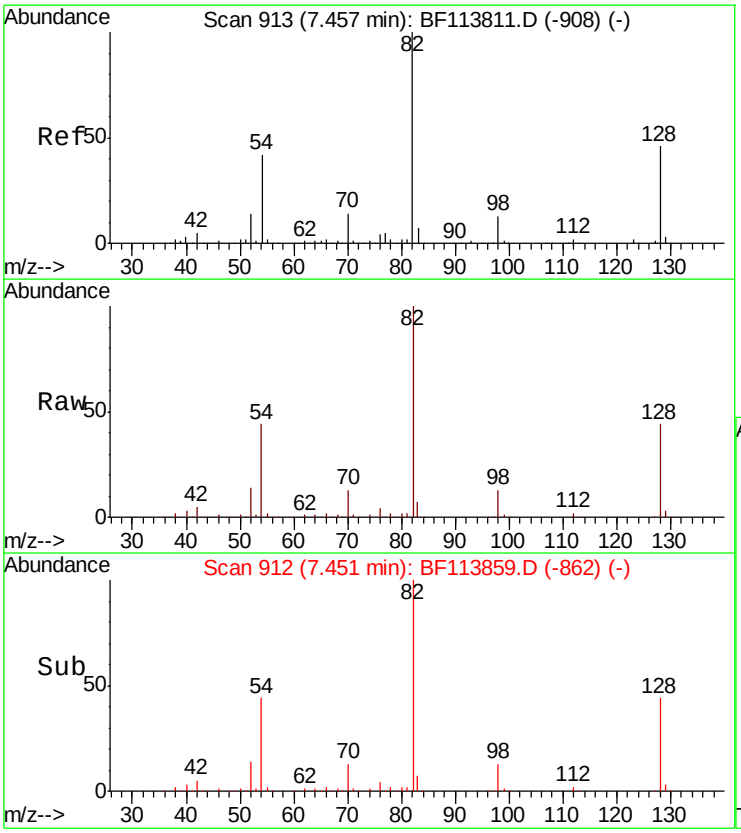
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

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

Tgt Ion:136 Resp: 625428

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.9	5.0	7.6
68	6.6	4.9	7.3

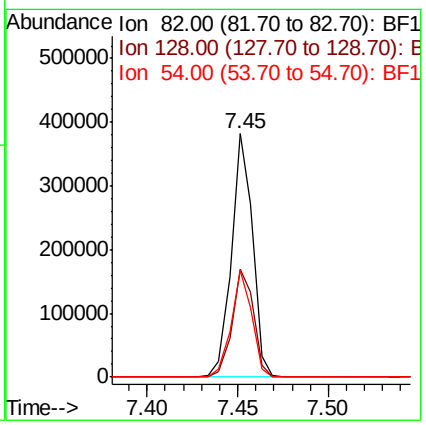


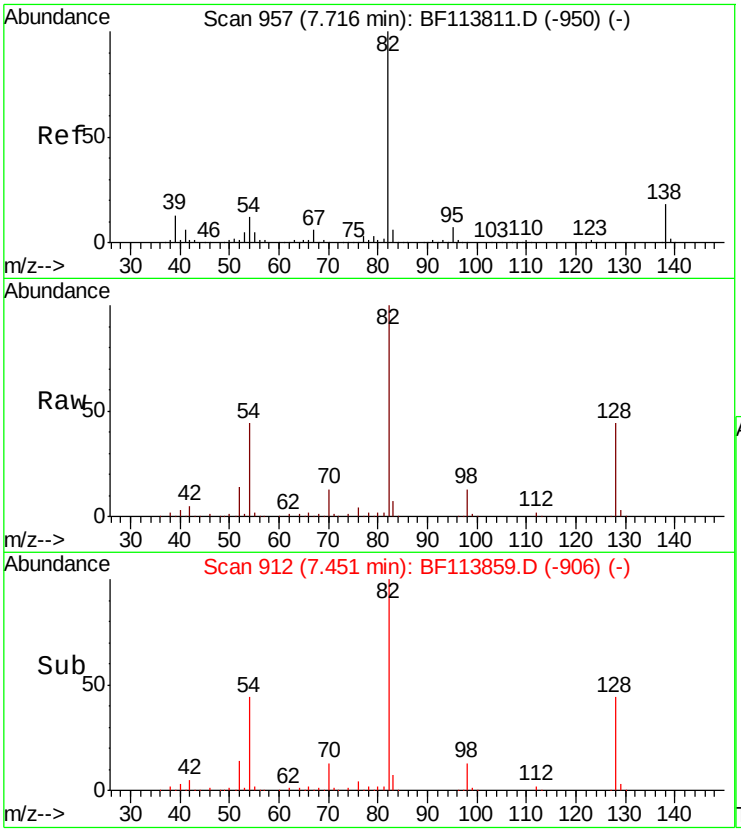


#23
Nitrobenzene-d5
Concen: 30.146 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion: 82 Resp: 309615

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.8	55.2
54	43.7	33.8	50.6



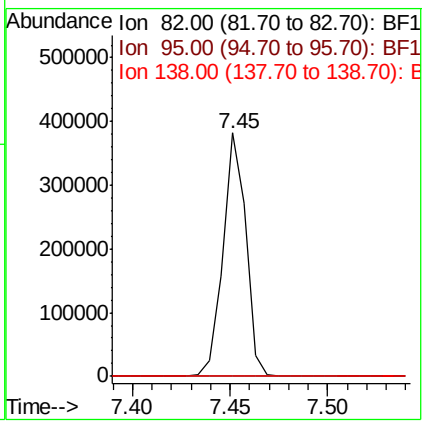


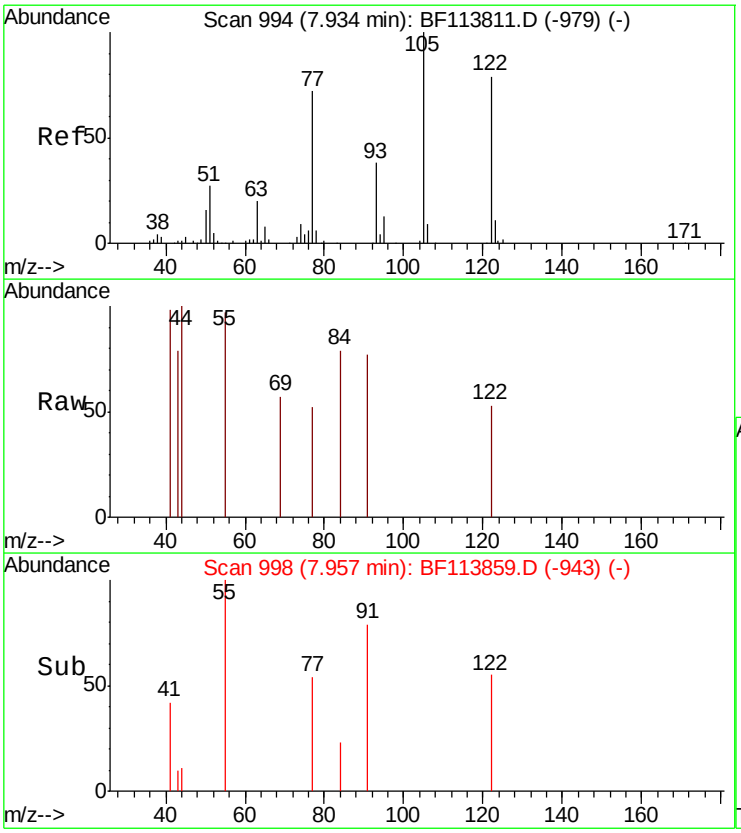
#25
Isophorone
Concen: 14.563 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

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

Tgt Ion: 82 Resp: 309673

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

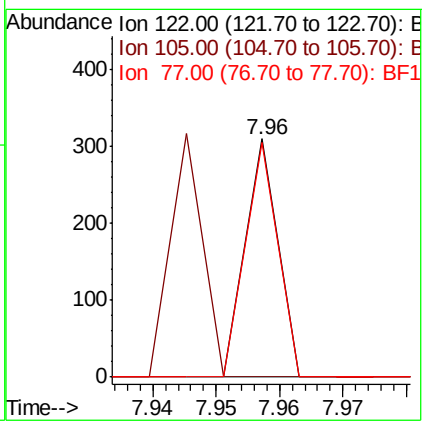


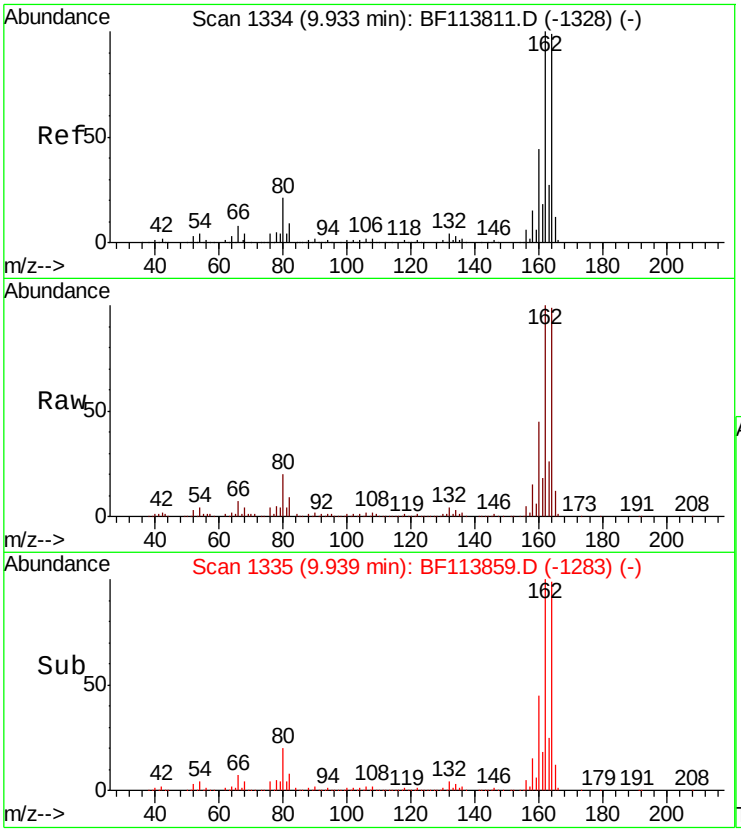


#32
Benzoic acid
Concen: 5.943 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion:122 Resp: 109

Ion	Ratio	Lower	Upper
122	100		
105	0.0	104.3	144.3#
77	98.7	70.4	110.4



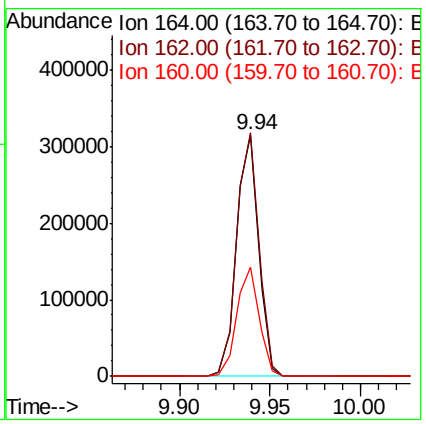


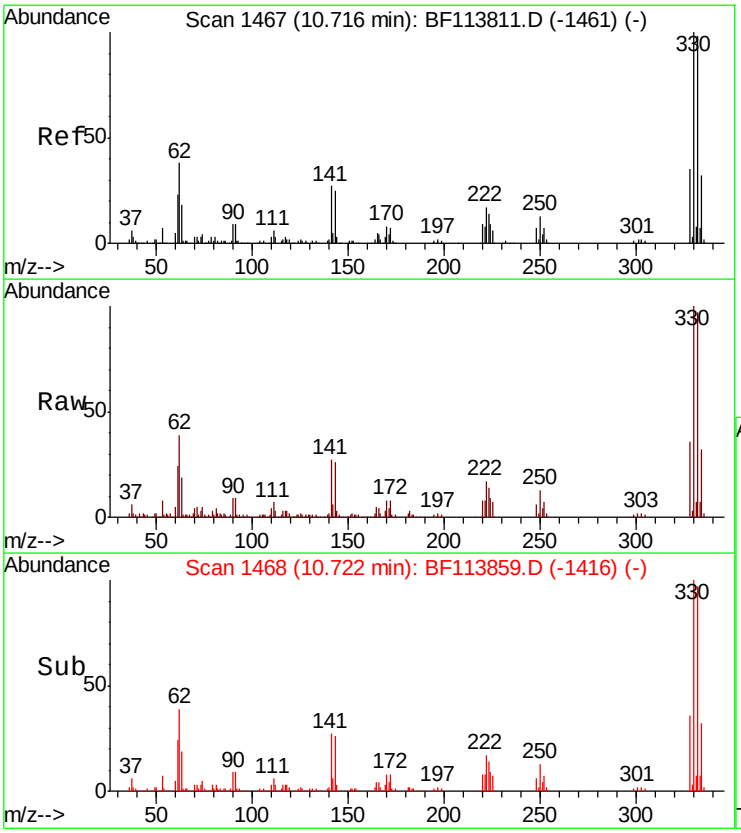
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

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

Tgt Ion:164 Resp: 266462

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.1	121.7
160	45.0	35.8	53.6

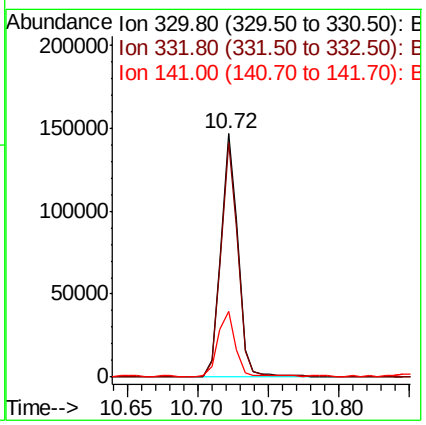


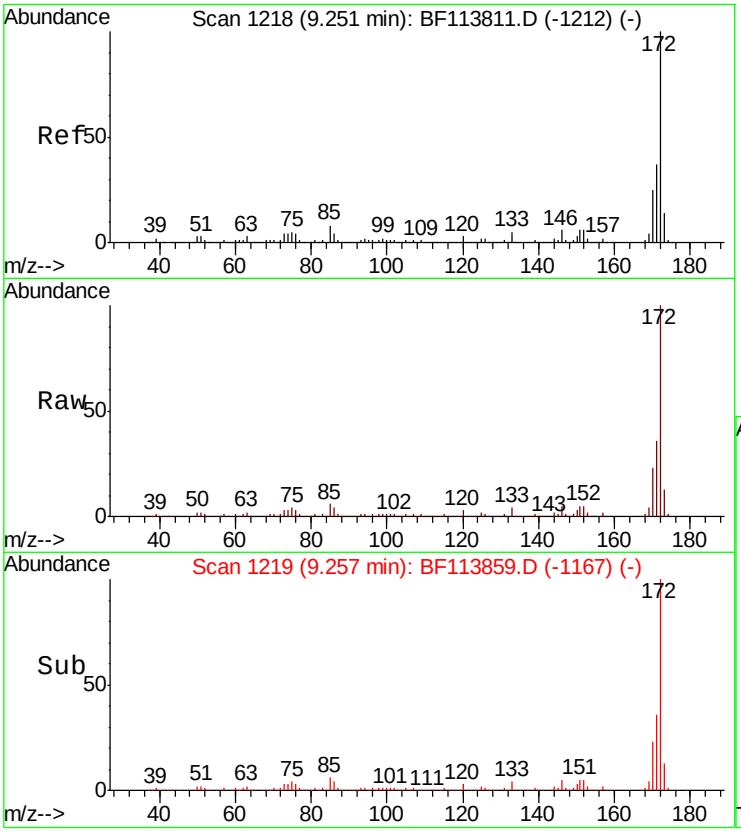


#42
2,4,6-Tribromophenol
Concen: 42.015 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion:330 Resp: 123689

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.5	116.3
141	26.9	22.2	33.2



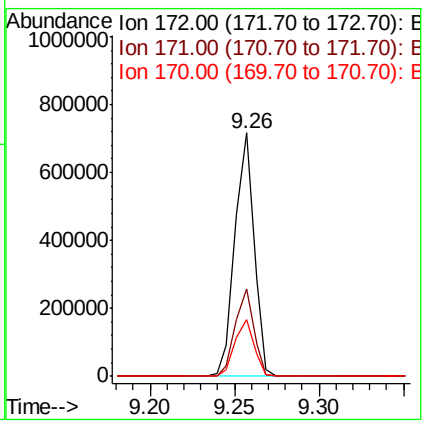


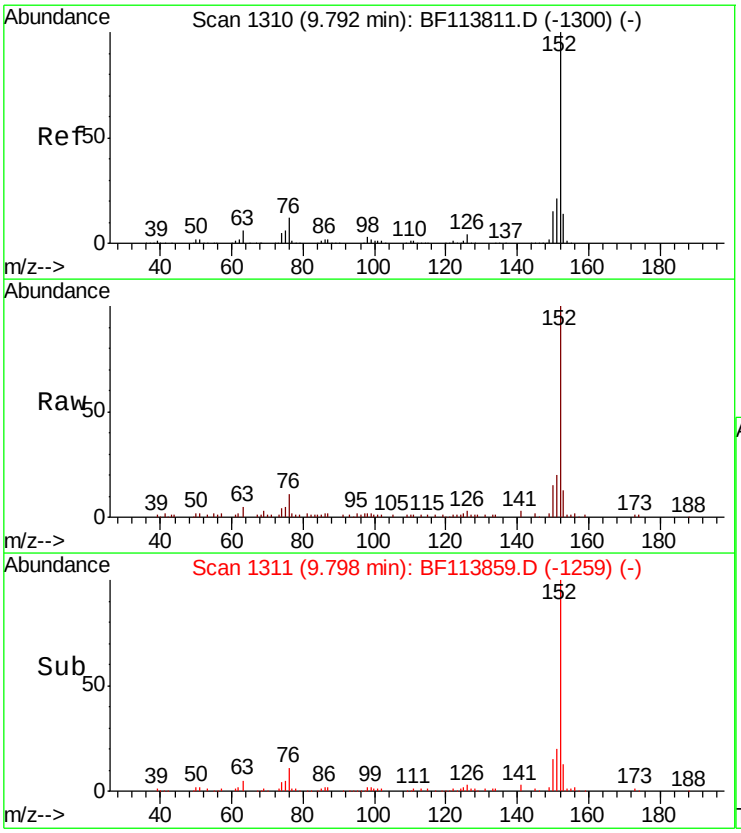
#45
2-Fluorobiphenyl
Concen: 32.275 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

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

Tgt Ion:172 Resp: 563920

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.4	19.9	29.9

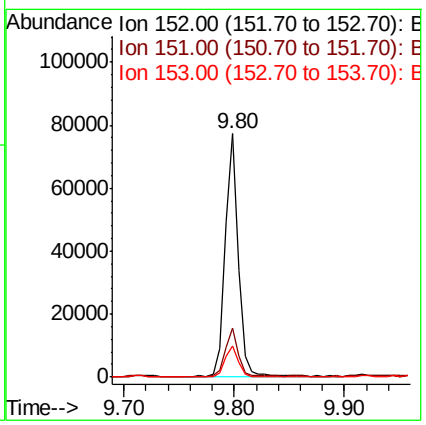


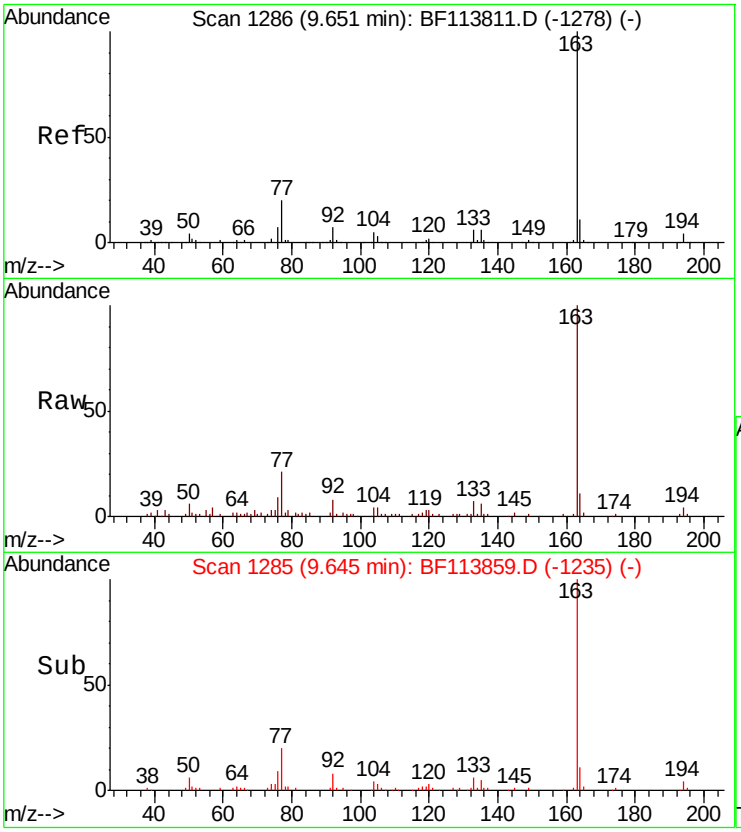


#49
Acenaphthylene
Concen: 2.543 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion:152 Resp: 65643

Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.0	25.4
153	12.8	11.0	16.6



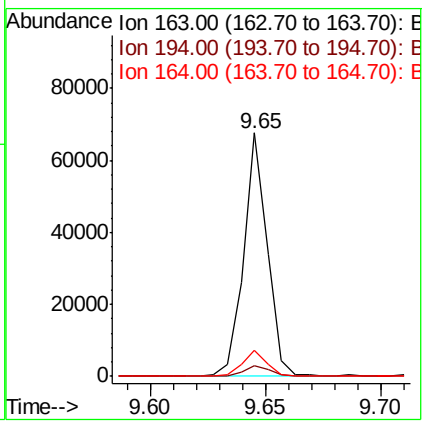


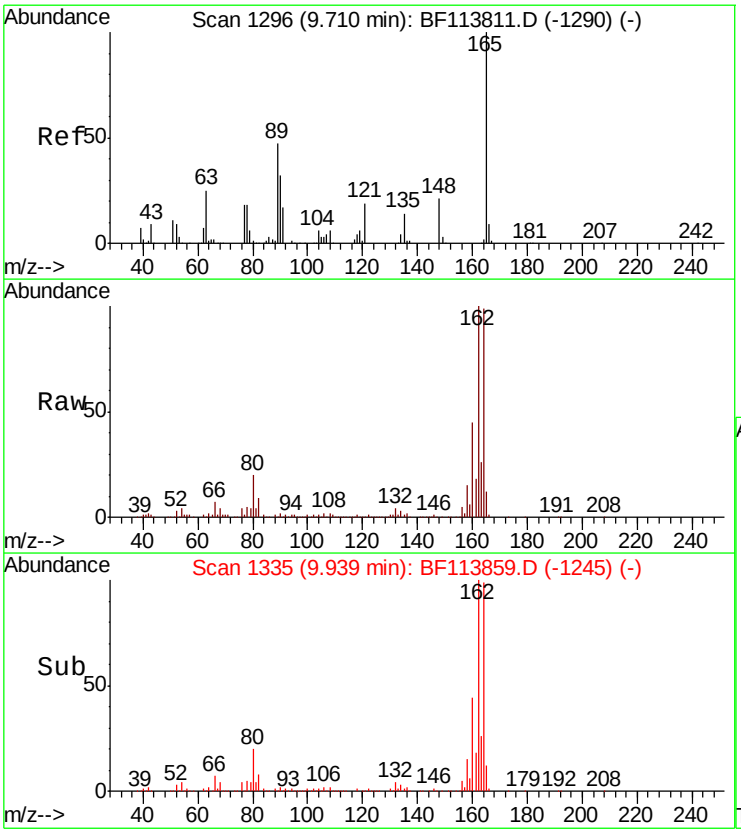
#50
Dimethylphthalate
Concen: 2.583 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

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

Tgt Ion:163 Resp: 48172

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.7	8.5	12.7

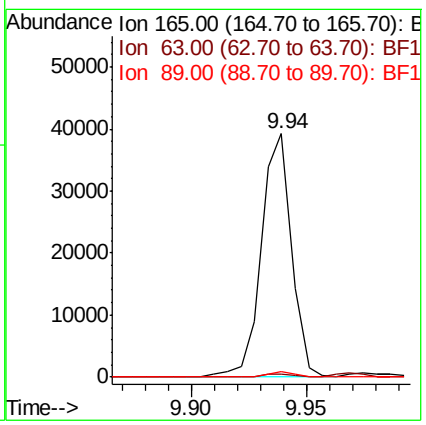


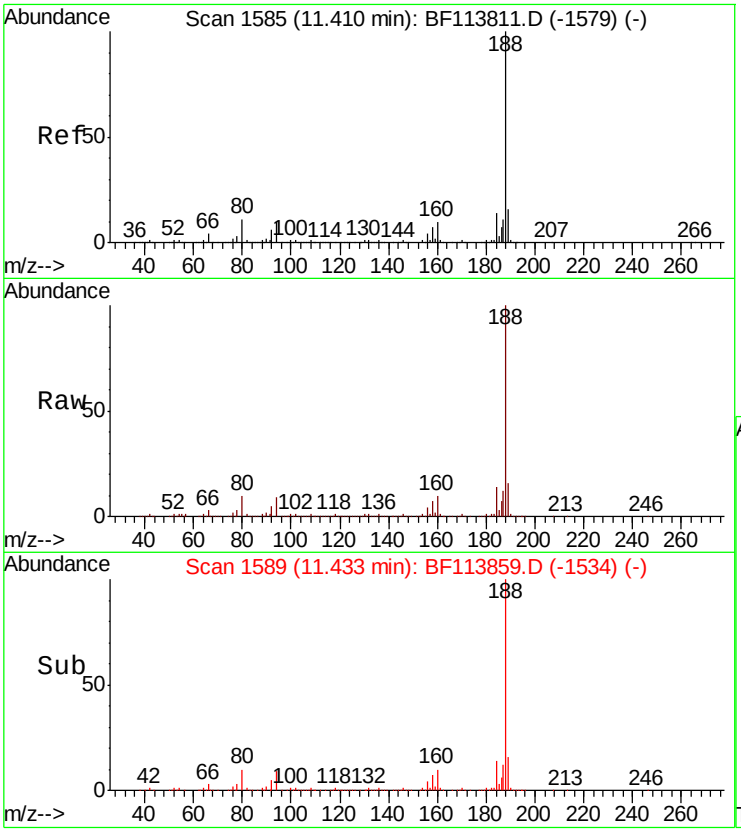


#51
2,6-Dinitrotoluene
Concen: 8.688 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.23 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion:165 Resp: 35754

Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.8	50.8#
89	2.1	38.2	57.2#



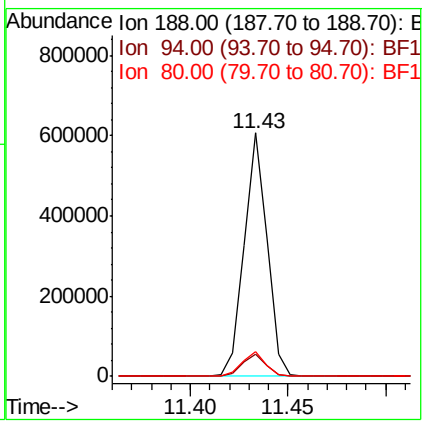


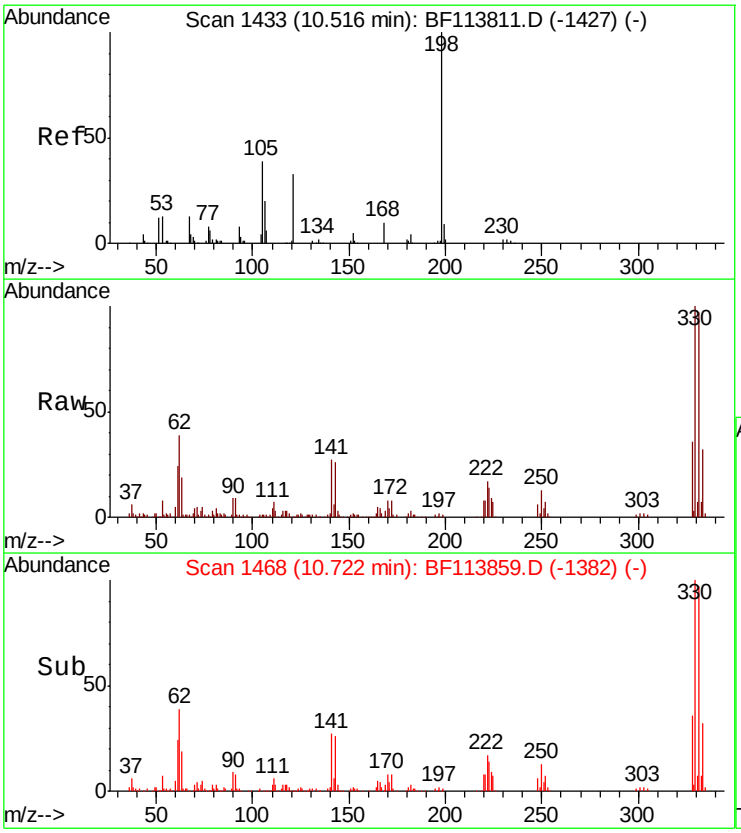
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.02 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

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

Tgt Ion:188 Resp: 494643

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.4
80	10.4	9.0	13.6

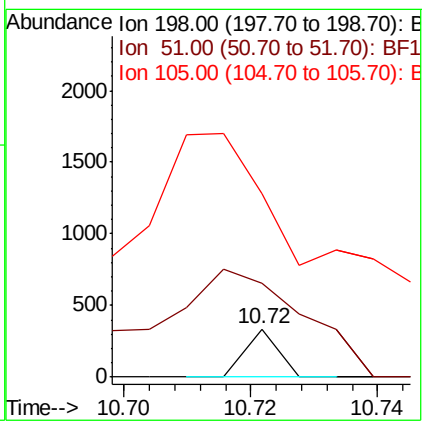


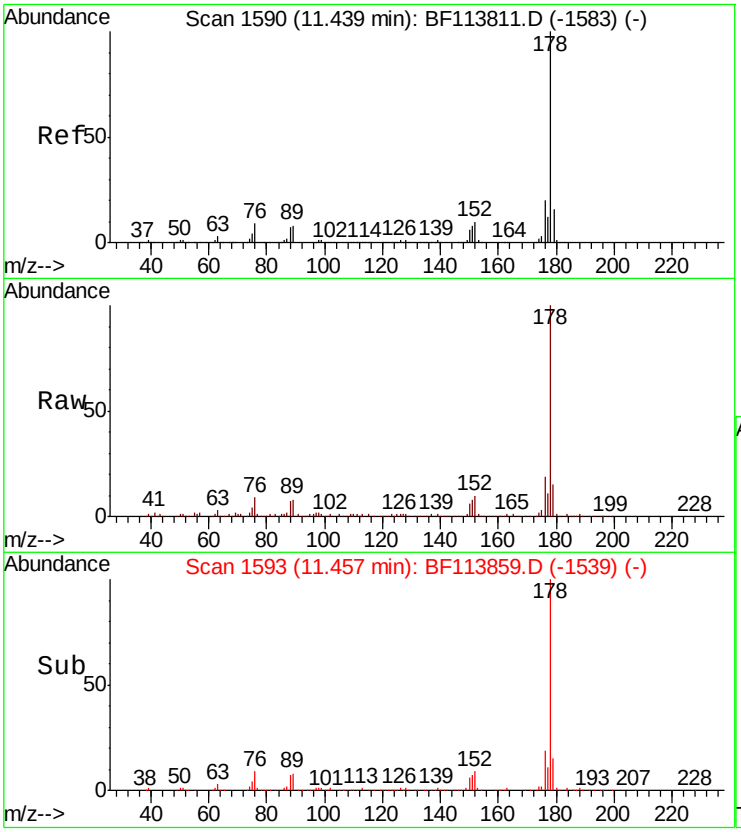


#65
4,6-Dinitro-2-methylphenol
Concen: 6.977 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.21 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion:198 Resp: 119

Ion	Ratio	Lower	Upper
198	100		
51	194.7	11.1	51.1#
105	379.6	20.7	60.7#



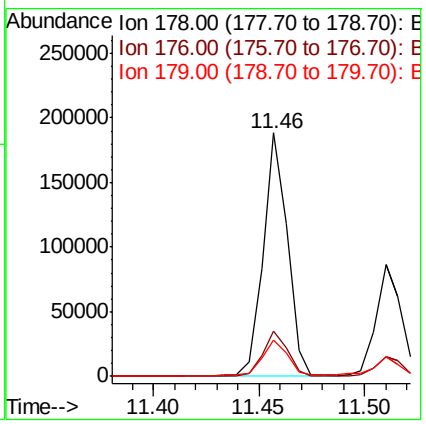


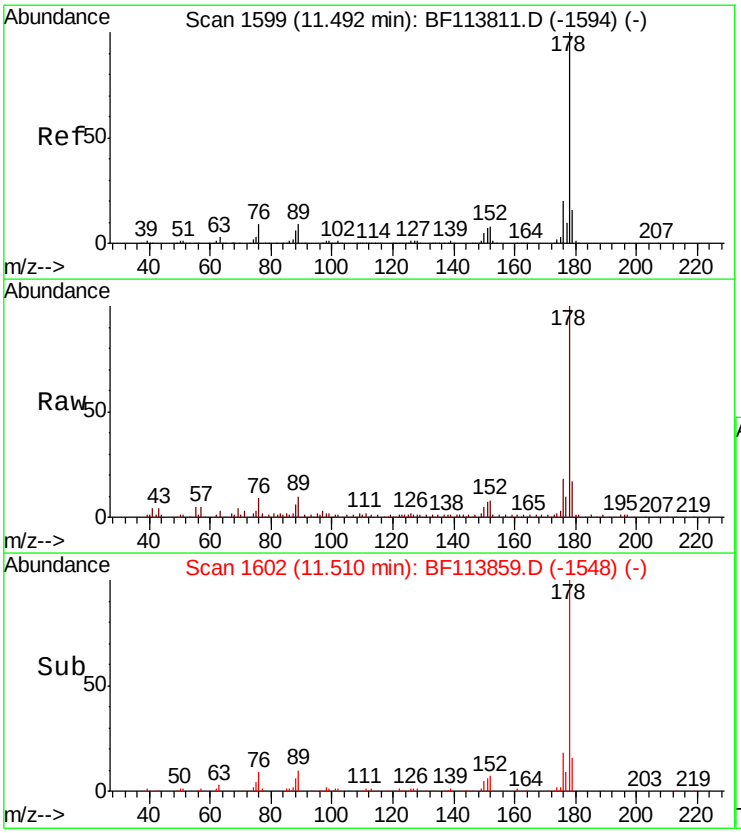
#71
Phenanthrene
Concen: 5.998 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

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

Tgt Ion:178 Resp: 151093

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.1	24.1
179	15.1	12.8	19.2

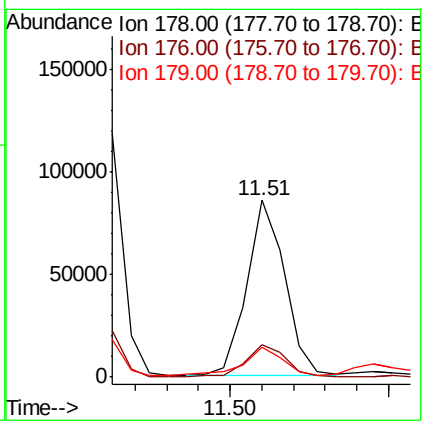


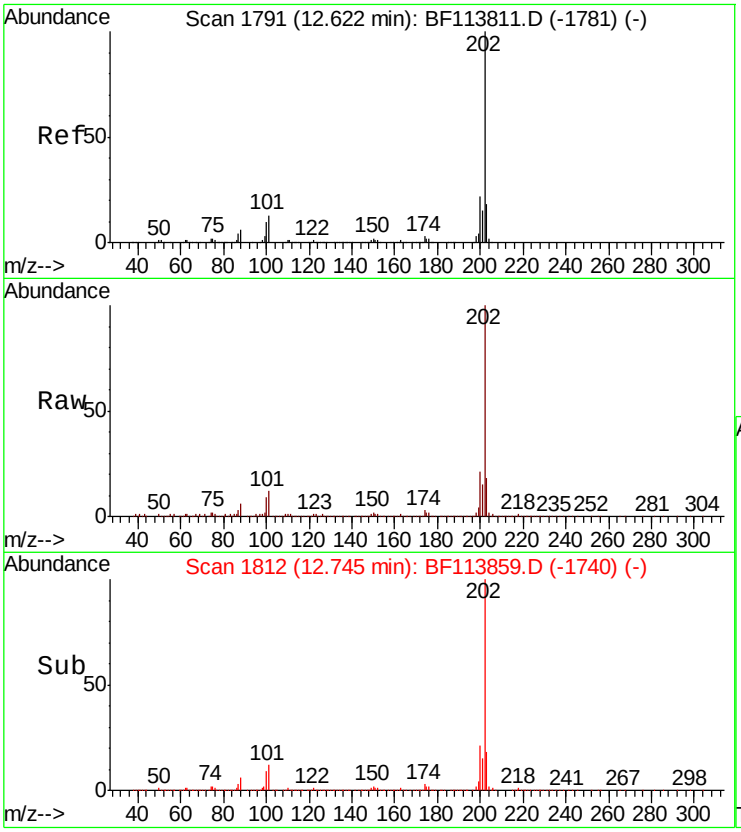


#72
Anthracene
Concen: 2.792 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.02 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion:178 Resp: 70890

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.7	23.5
179	17.1	13.0	19.4



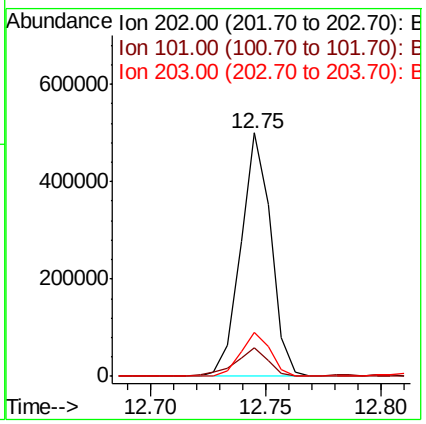


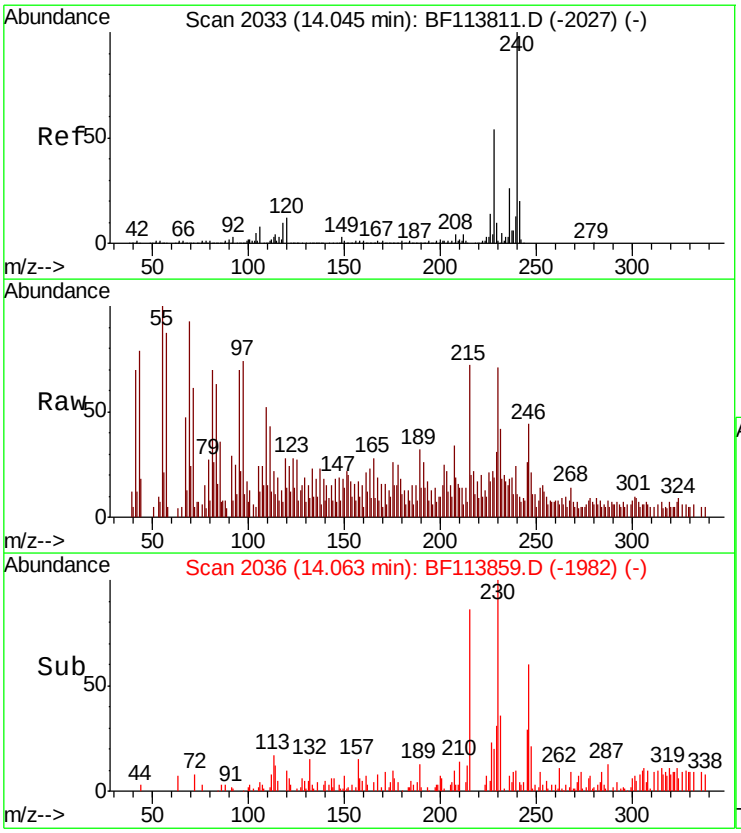
#75
Fluoranthene
Concen: 17.004 ng
RT: 12.75 min Scan# 1812
Delta R.T. 0.12 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

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

Tgt Ion:202 Resp: 454000

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.9
203	18.1	0.0	38.2

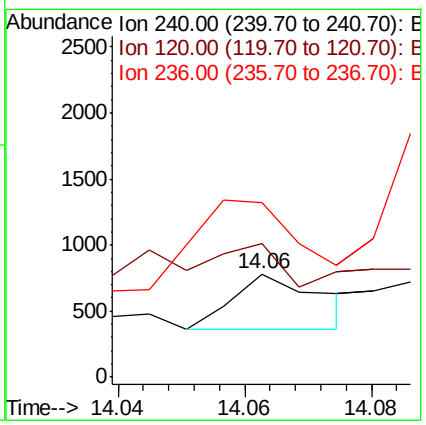


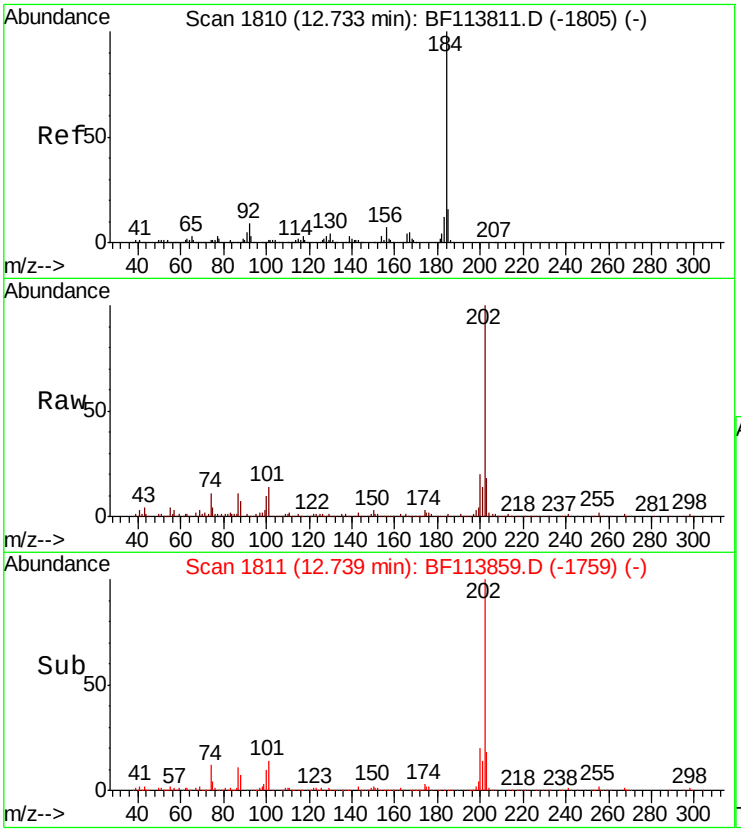


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion:240 Resp: 402

Ion	Ratio	Lower	Upper
240	100		
120	129.7	9.3	13.9#
236	169.2	21.2	31.8#



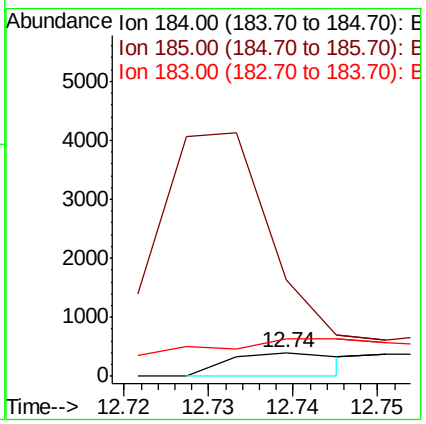


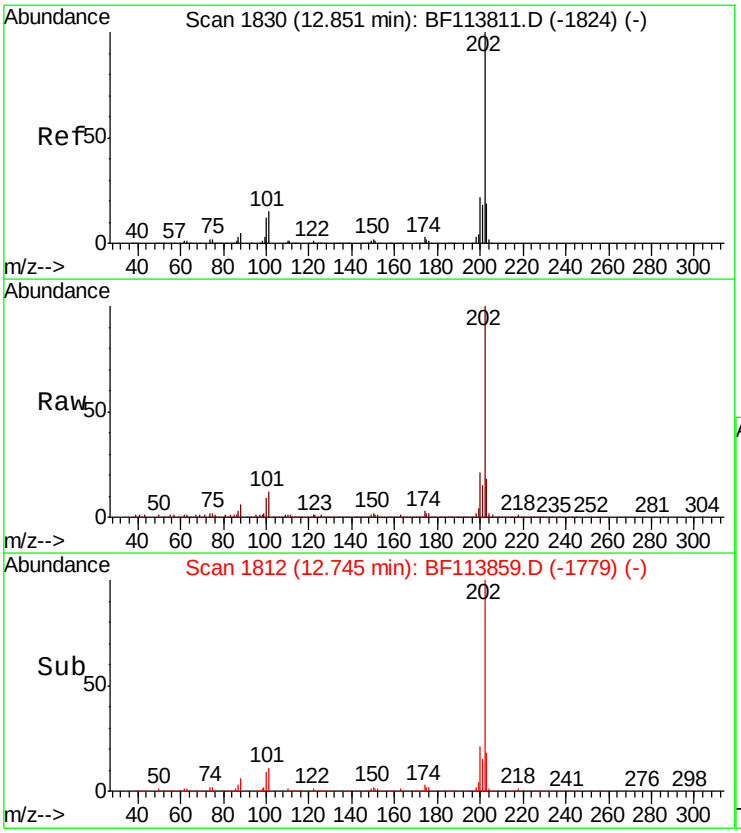
#77
Benzidine
Concen: 28.584 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

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

Tgt Ion:184 Resp: 379

Ion	Ratio	Lower	Upper
184	100		
185	407.7	13.0	19.6#
183	159.5	9.4	14.0#

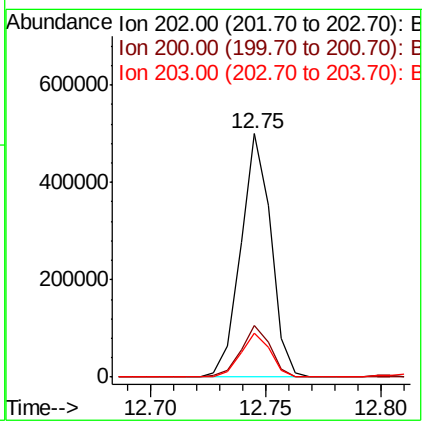


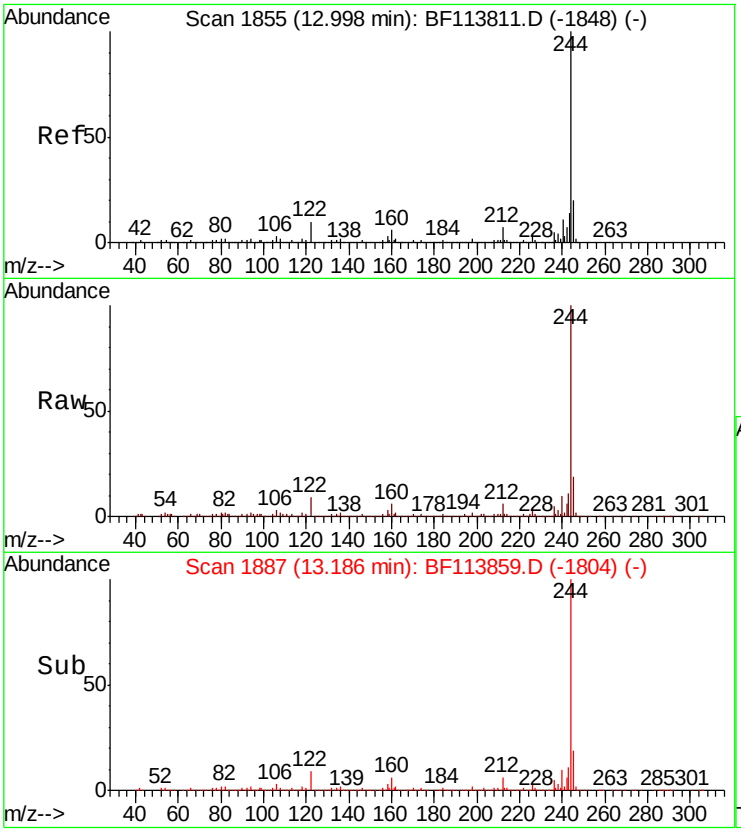


#78
Pyrene
Concen: 16024.630 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.11 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion:202 Resp: 454000

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	18.1	15.0	22.6



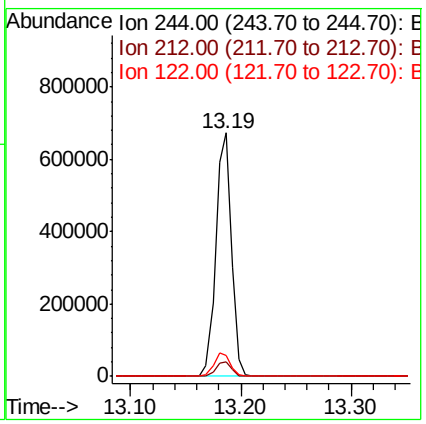


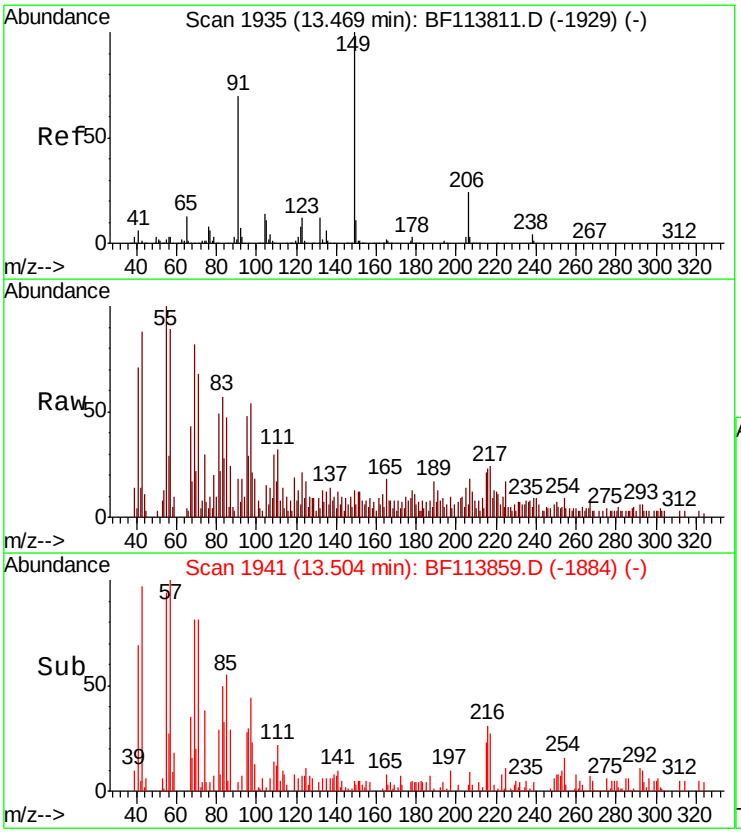
#79
Terphenyl-d14
Concen: 34232.778 ng
RT: 13.19 min Scan# 1887
Delta R.T. 0.19 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

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

Tgt Ion:244 Resp: 656266

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.2
122	8.8	7.6	11.4

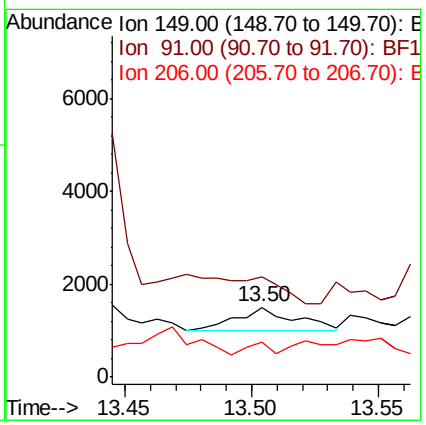


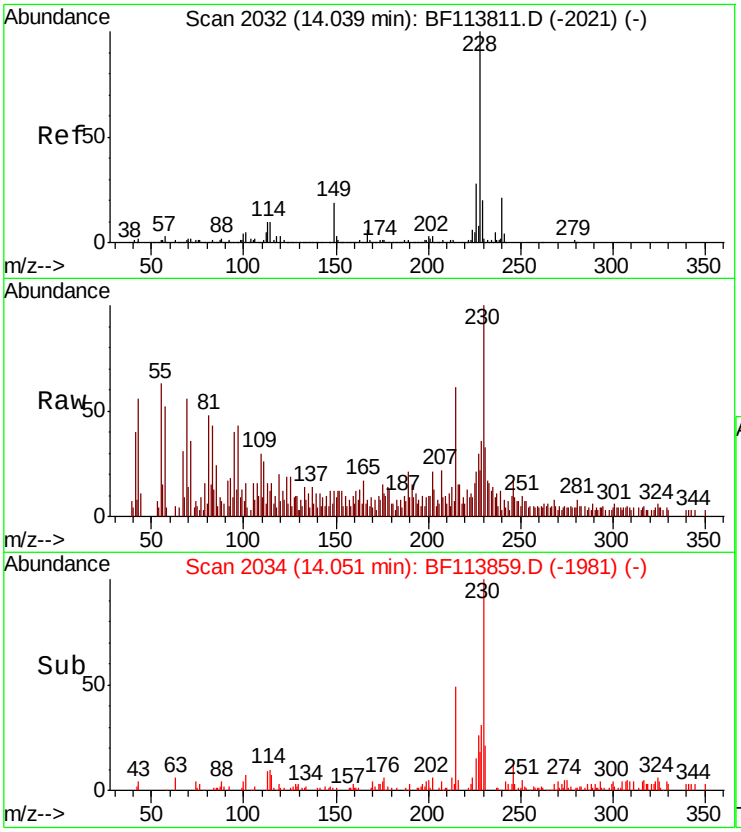


#80
Butylbenzylphthalate
Concen: 79.562 ng
RT: 13.50 min Scan# 1941
Delta R.T. 0.04 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion:149 Resp: 835

Ion	Ratio	Lower	Upper
149	100		
91	142.6	56.3	84.5#
206	49.9	19.0	28.6#



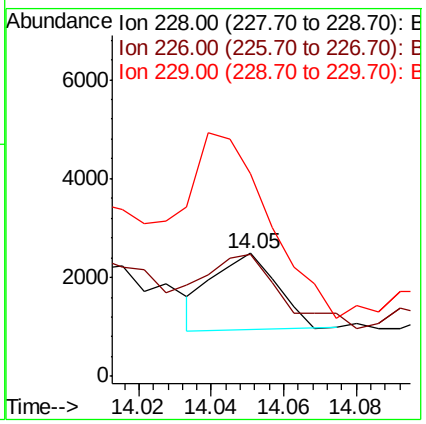


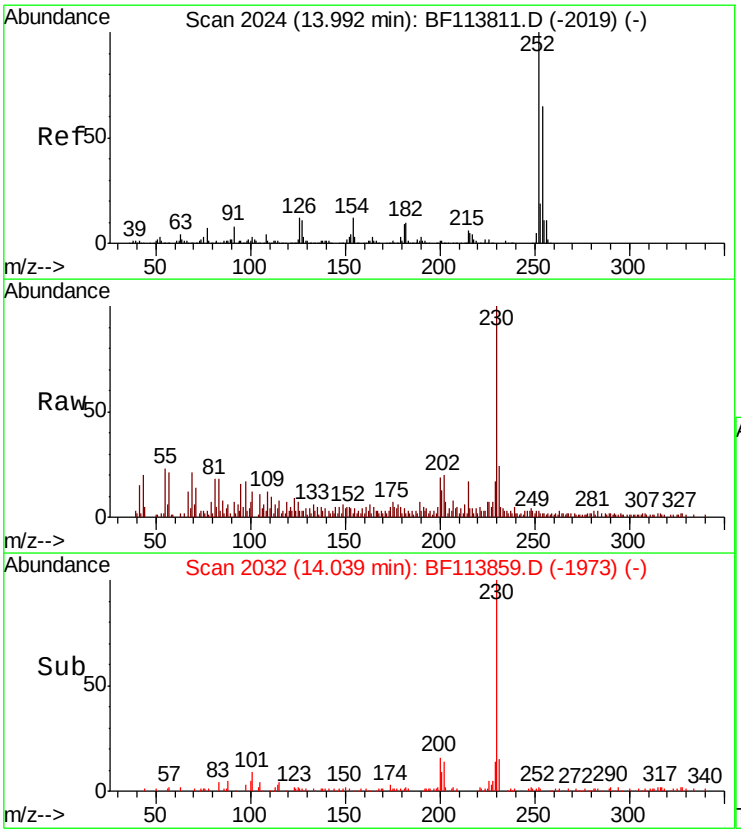
#81
Benzo(a)anthracene
Concen: 79.663 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

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

Tgt Ion:228 Resp: 1872

Ion	Ratio	Lower	Upper
228	100		
226	99.0	22.2	33.2#
229	164.7	16.0	24.0#

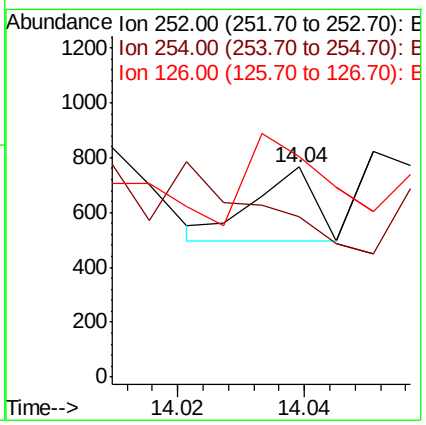


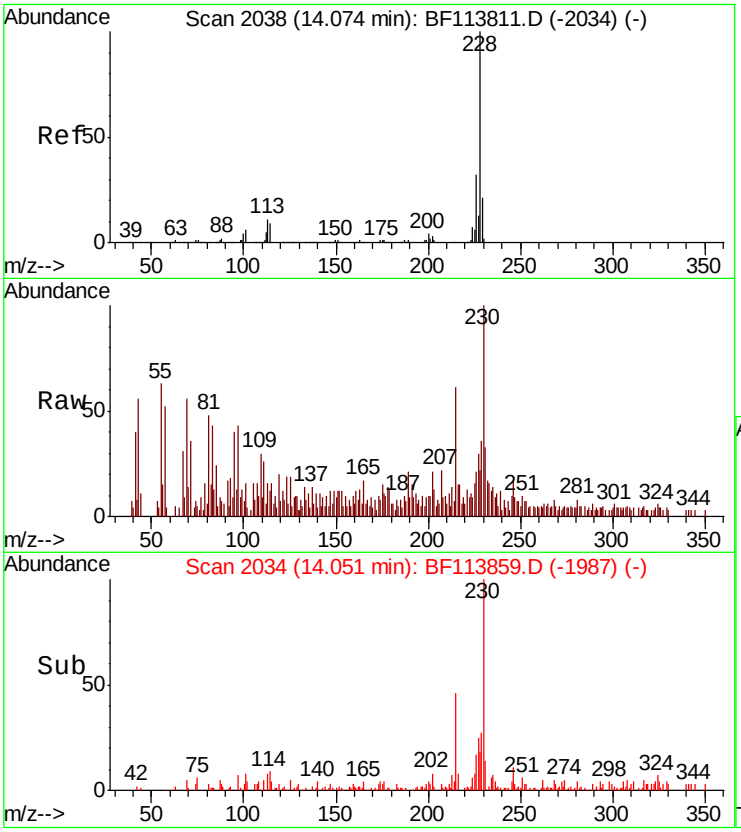


#82
3,3'-Dichlorobenzidine
Concen: 20.833 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.05 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion:252 Resp: 174

Ion	Ratio	Lower	Upper
252	100		
254	76.1	52.1	78.1
126	104.8	9.3	13.9#



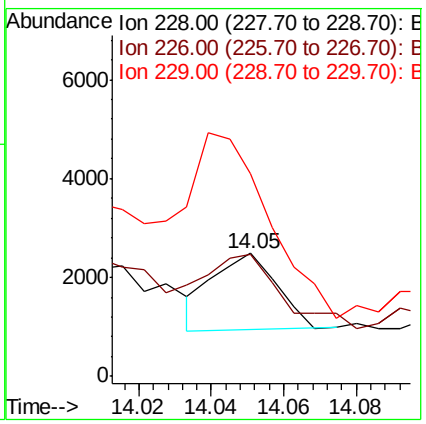


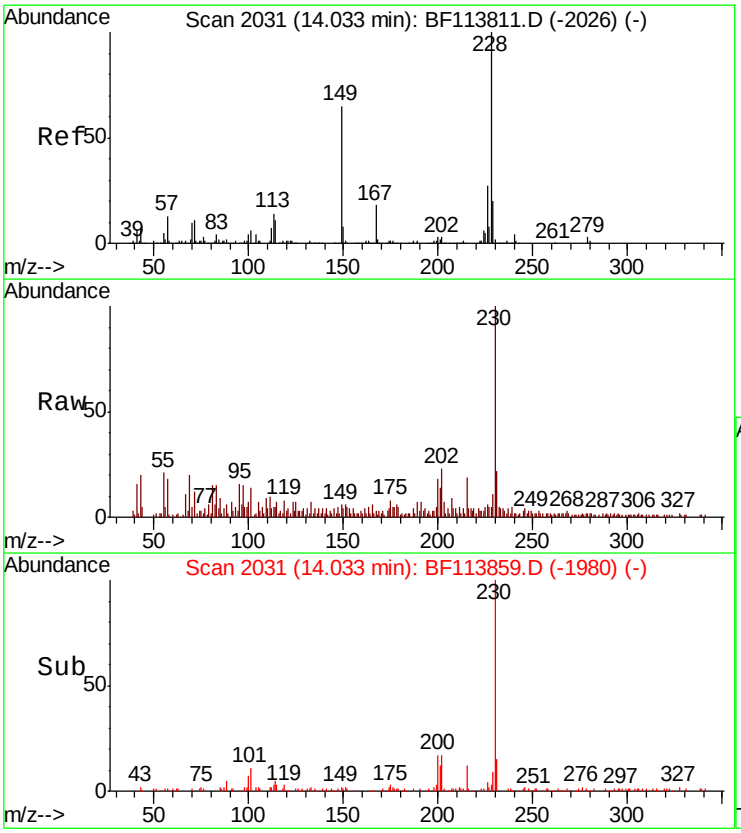
#83
Chrysene
Concen: 80.046 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

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

Tgt Ion:228 Resp: 1867

Ion	Ratio	Lower	Upper
228	100		
226	99.0	25.2	37.8#
229	164.7	16.7	25.1#

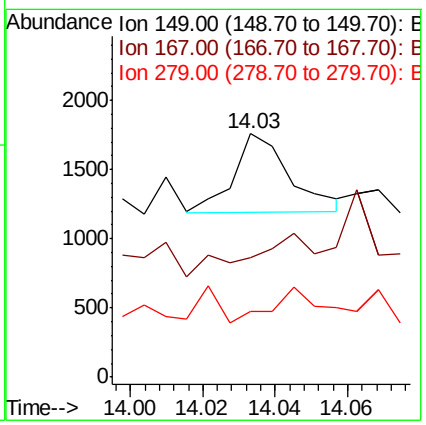


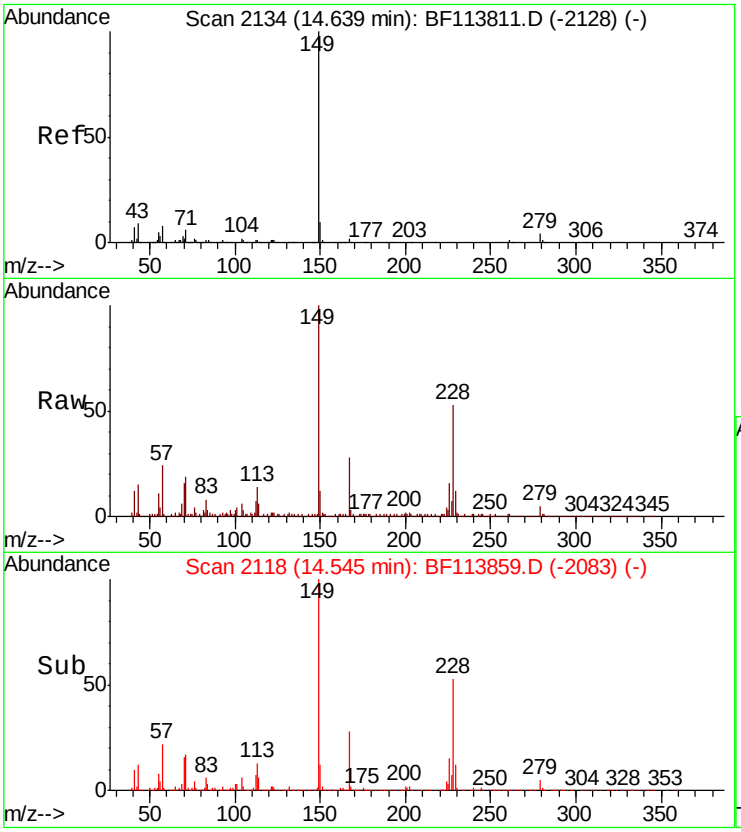


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.425 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion:149 Resp: 608

Ion	Ratio	Lower	Upper
149	100		
167	49.2	22.9	34.3#
279	27.1	4.2	6.2#



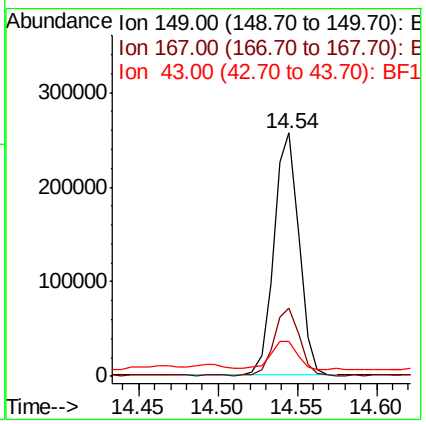


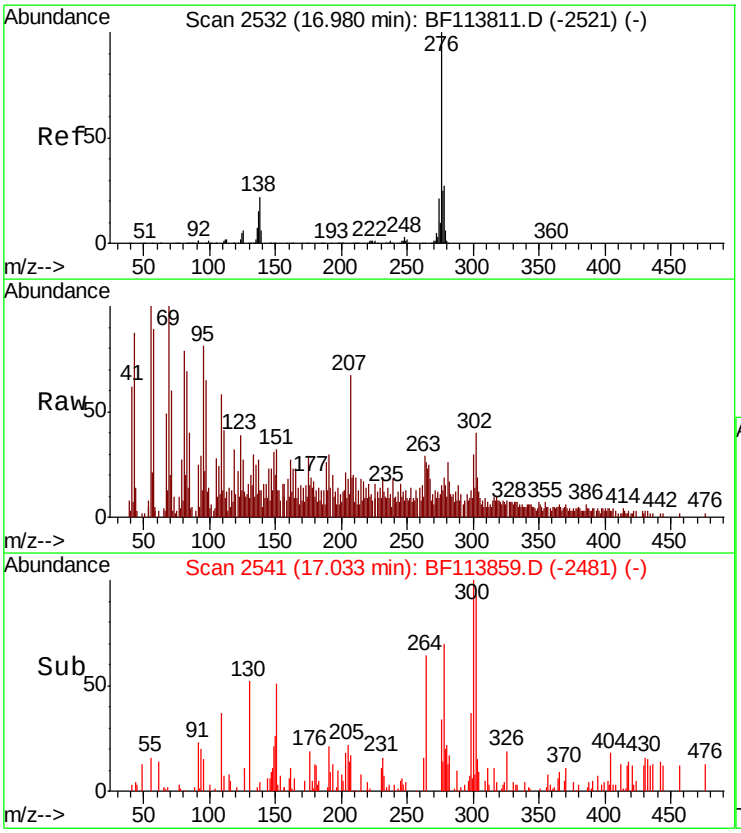
#85
Di-n-octyl phthalate
Concen: 14450.006 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.09 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

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

Tgt Ion:149 Resp: 281494

Ion	Ratio	Lower	Upper
149	100		
167	28.1	1.3	1.9#
43	12.5	6.6	10.0#

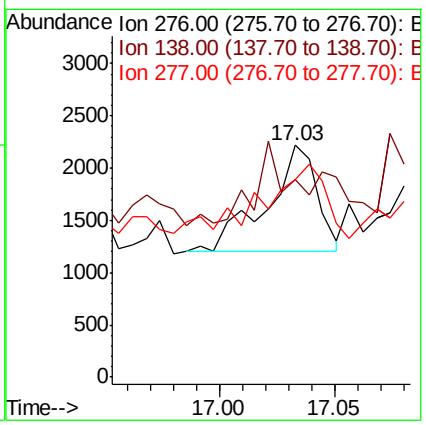


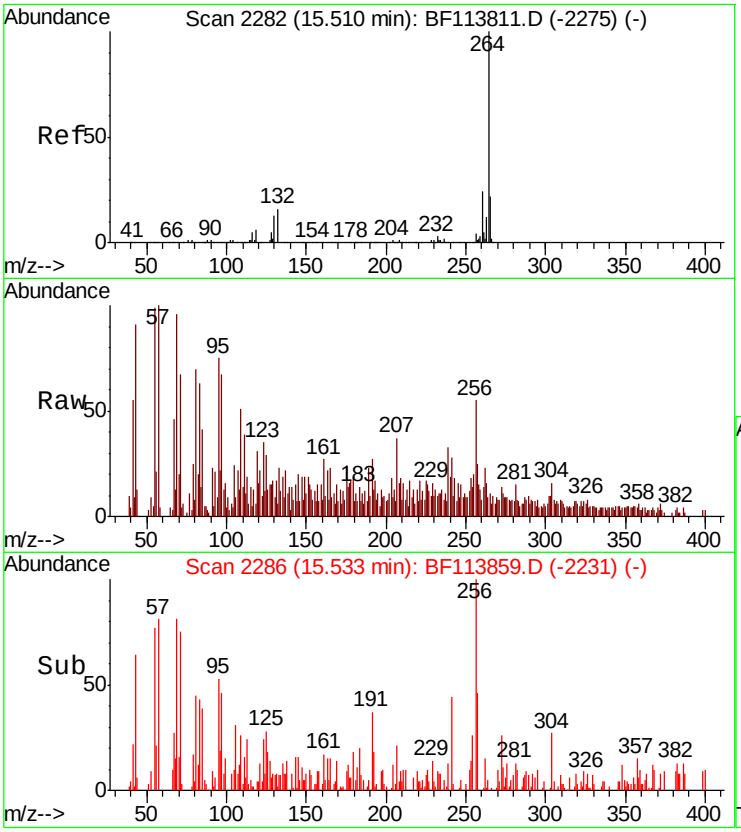


#86
Indeno(1,2,3-cd)pyrene
Concen: 79.933 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.05 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion:276 Resp: 1522

Ion	Ratio	Lower	Upper
276	100		
138	51.6	19.6	29.4#
277	82.3	20.2	30.4#



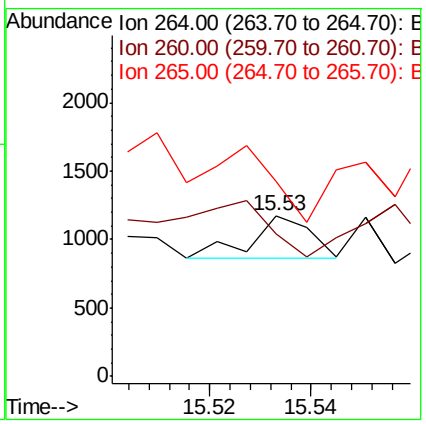


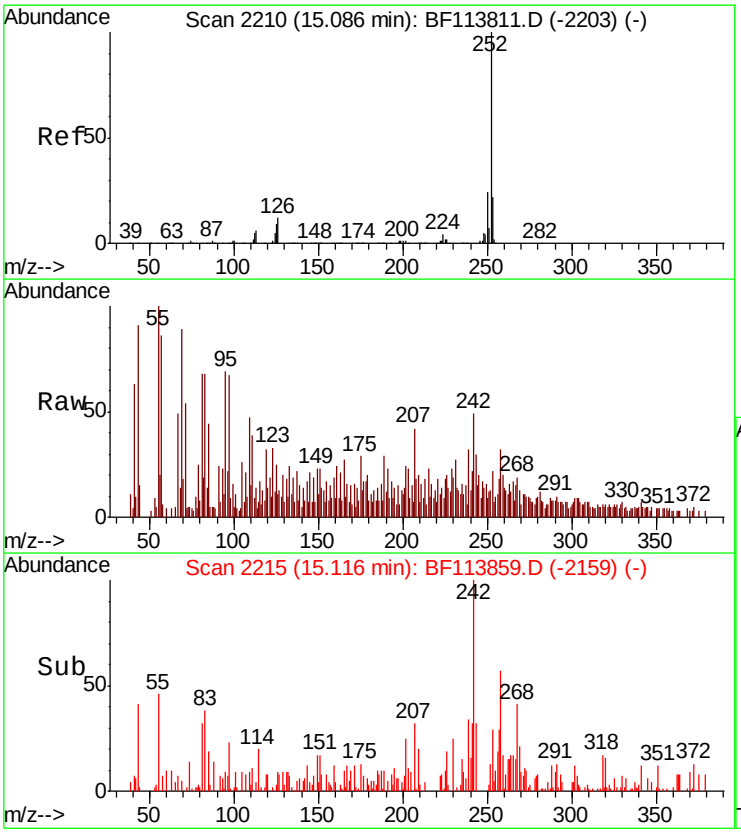
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.02 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

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

Tgt Ion:264 Resp: 249

Ion	Ratio	Lower	Upper
264	100		
260	88.5	18.9	28.3#
265	121.3	17.3	25.9#

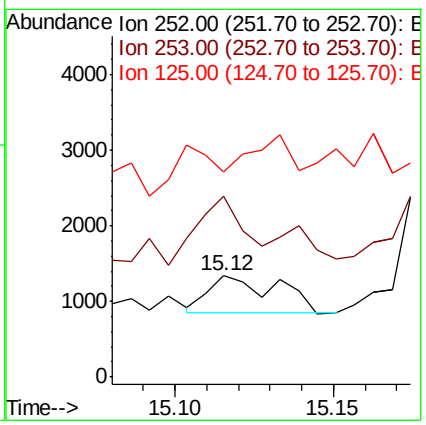


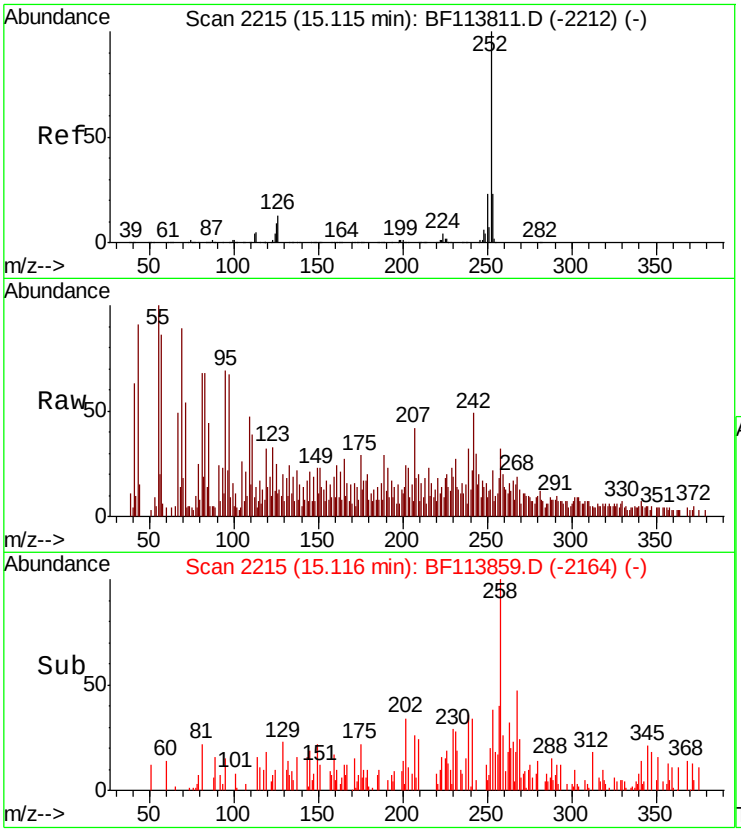


#88
Benzo(b)fluoranthene
Concen: 47.737 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.03 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion:252 Resp: 741

Ion	Ratio	Lower	Upper
252	100		
253	178.7	17.8	26.6#
125	203.4	7.0	10.6#



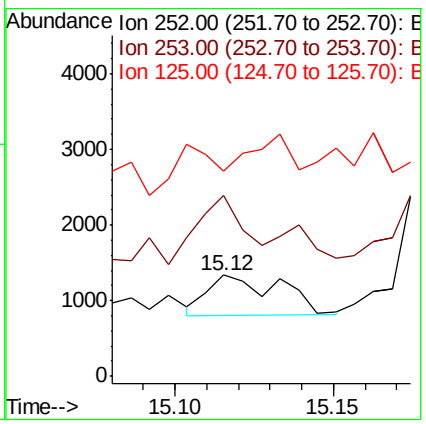


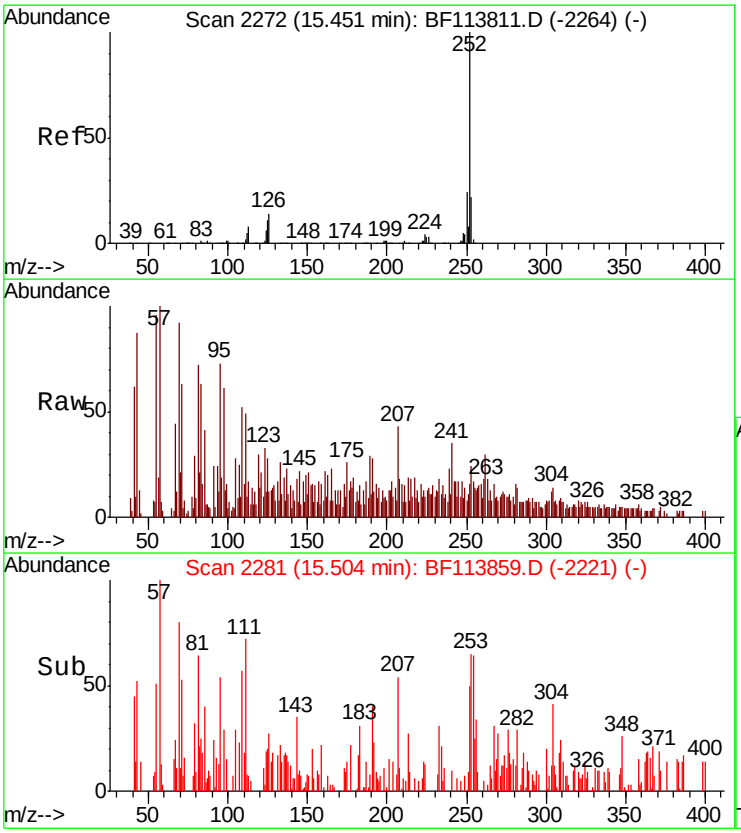
#89
Benzo(k)fluoranthene
Concen: 60.404 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

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

Tgt Ion:252 Resp: 854

Ion	Ratio	Lower	Upper
252	100		
253	178.7	18.2	27.2#
125	203.4	7.4	11.2#

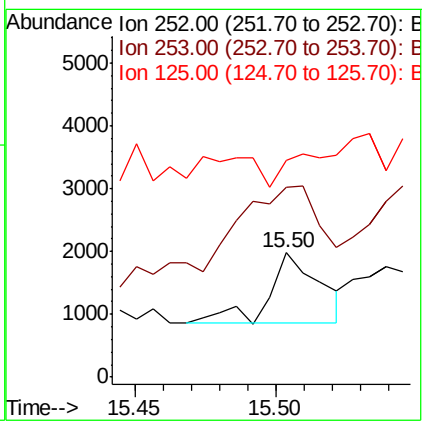


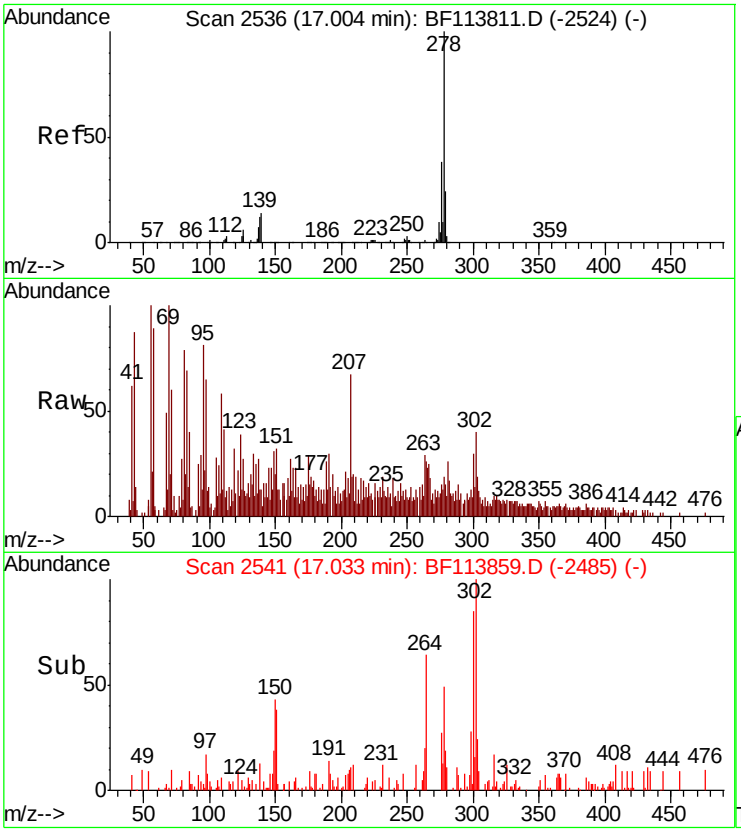


#90
Benzo(a)pyrene
Concen: 102.582 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.05 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion:252 Resp: 1408

Ion	Ratio	Lower	Upper
252	100		
253	153.4	17.5	26.3#
125	175.3	8.5	12.7#



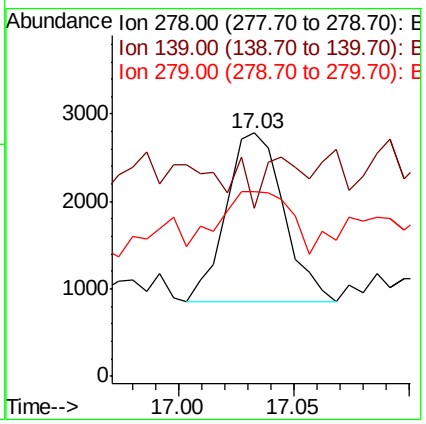


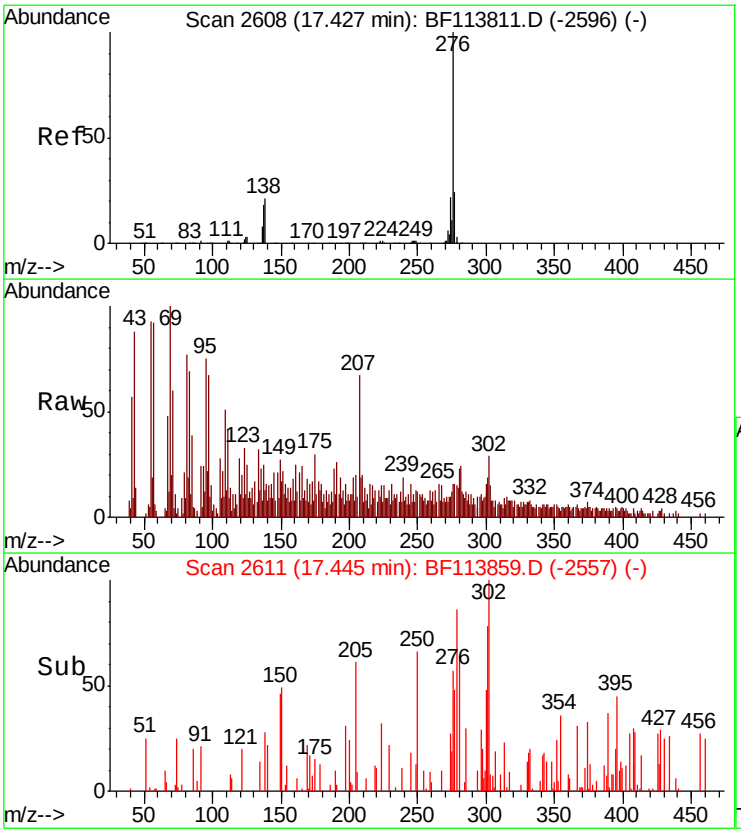
#91
Dibenzo(a,h)anthracene
Concen: 276.680 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.03 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

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

Tgt Ion:278 Resp: 3379

Ion	Ratio	Lower	Upper
278	100		
139	69.3	11.6	17.4#
279	76.1	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 164.663 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.02 min
Lab File: BF113859.D
Acq: 19 Apr 2019 15:37

Tgt Ion:276 Resp: 2044

Ion	Ratio	Lower	Upper
276	100		
277	96.7	19.0	28.4#
138	80.3	16.6	25.0#