Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104139.D
Acq On : 2 Apr 2018 17:00
Operator : JU/SJ
Sample : J2173-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW24S-GW

Quant Time: Apr 03 01:10:26 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	101451	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	406533	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	198096	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	322889	20.00	ng	0.00
75) Chrysene-d12	14.15	240	228547	20.00	ng	0.00
86) Perylene-d12	15.69	264	236204	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	302117	47.49	ng	0.00
7) Phenol-d6	6.59	99	237084	30.29	ng	0.00
23) Nitrobenzene-d5	7.52	82	551654	82.99	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	231176	104.80	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1083798	86.27	ng	0.00
78) Terphenyl-d14	13.08	244	759469	76.73	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.27	128	2802615	141.115	ng	99
45) 1,1'-Biphenyl	9.42	154	46284	2.722	ng	98
49) Dimethylphthalate	9.70	163	37745	2.413	ng	98
51) Acenaphthene	10.03	154	141580	12.046	ng	99
54) Dibenzofuran	10.20	168	164020	9.556	ng	99
57) Fluorene	10.55	166	137932	9.742	ng	99
70) Phenanthrene	11.52	178	276771	15.832	ng	98
71) Anthracene	11.57	178	72506	3.971	ng	99
72) Carbazole	11.74	167	37438	2.148	ng	99
74) Fluoranthene	12.71	202	44457	2.392	ng	97
77) Pyrene	12.95	202	33047	2.011	ng	96

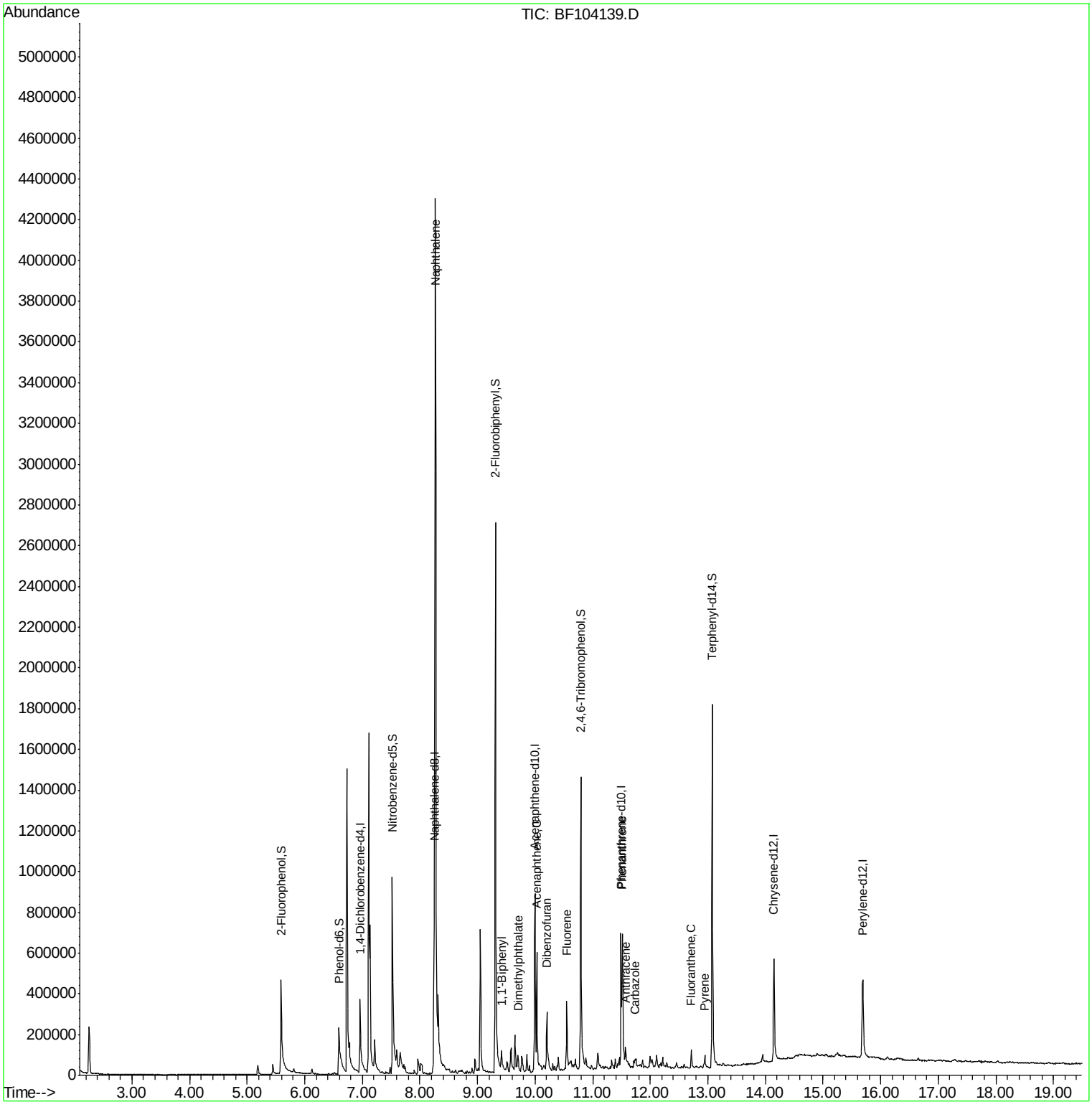
(#) = qualifier out of range (m) = manual integration (+) = signals summed

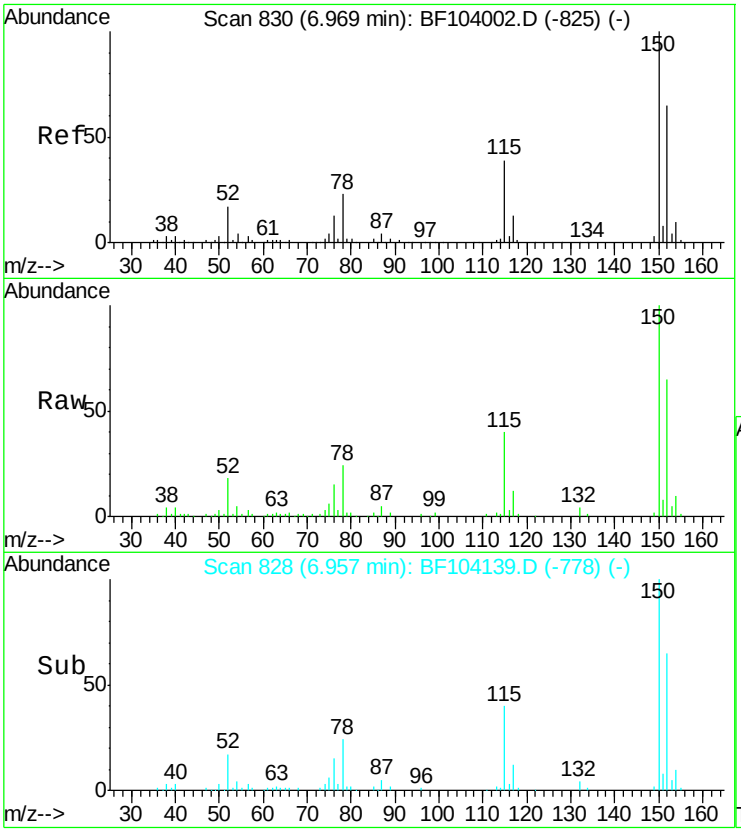
Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104139.D
Acq On : 2 Apr 2018 17:00
Operator : JU/SJ
Sample : J2173-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24S-GW

Quant Time: Apr 03 01:10:26 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration



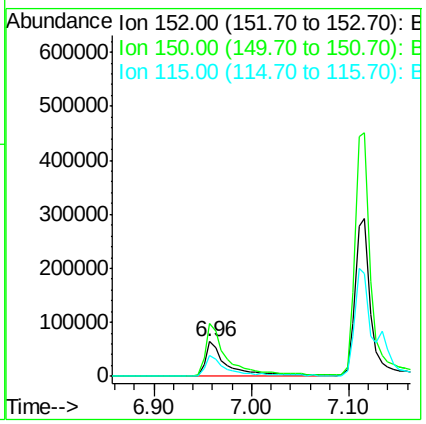


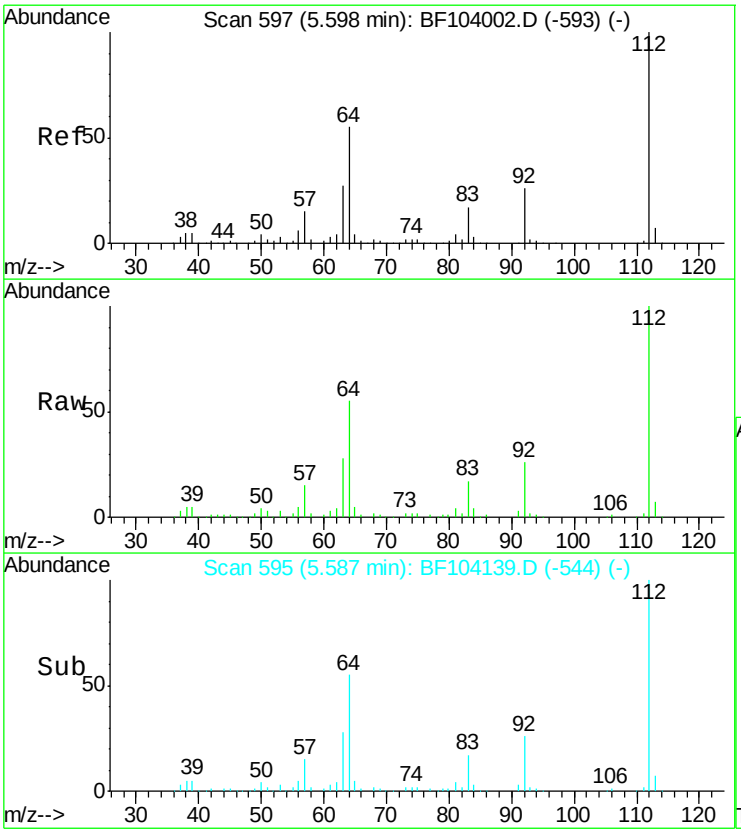
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:152 Resp: 101451

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	61.6	50.1	75.1

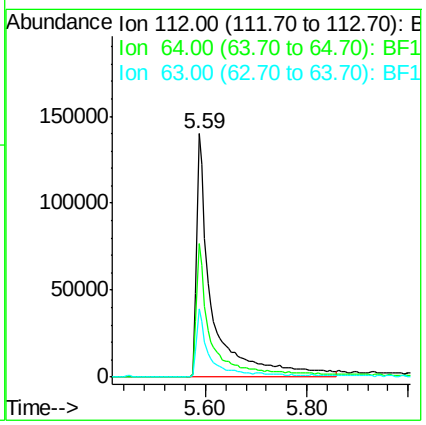


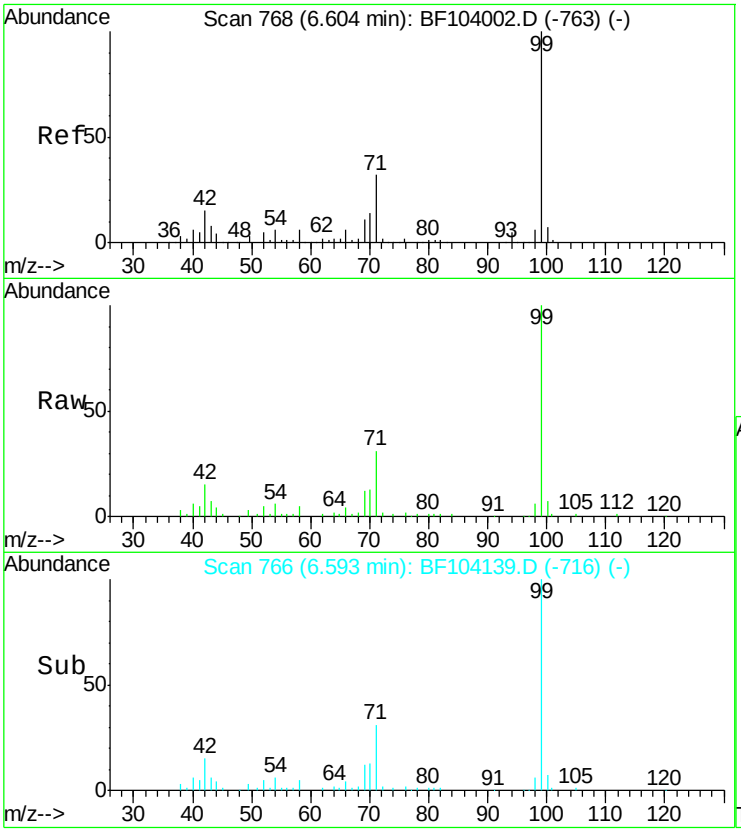


#5
2-Fluorophenol
Concen: 47.491 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Tgt Ion:112 Resp: 302117

Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	28.0	23.7	35.5



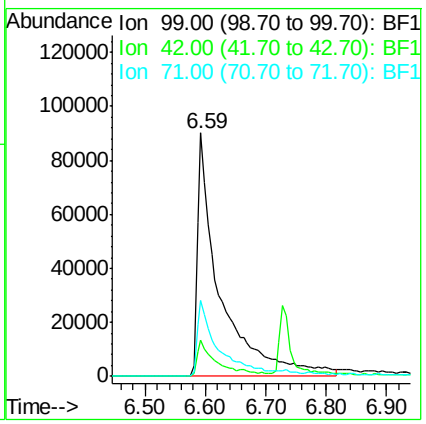


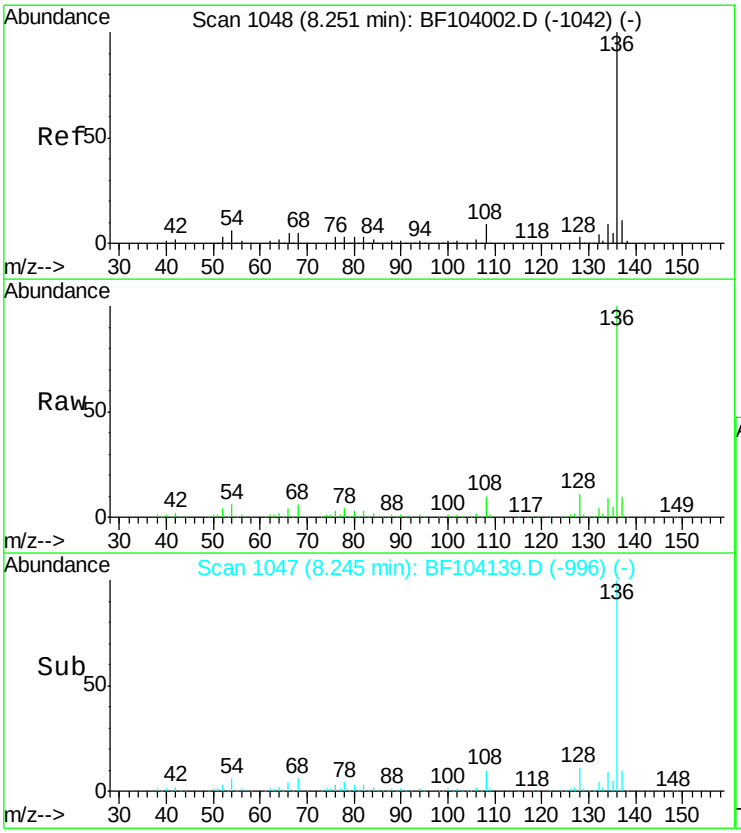
#7
Phenol-d6
Concen: 30.292 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion: 99 Resp: 237084

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	31.4	25.4	38.0

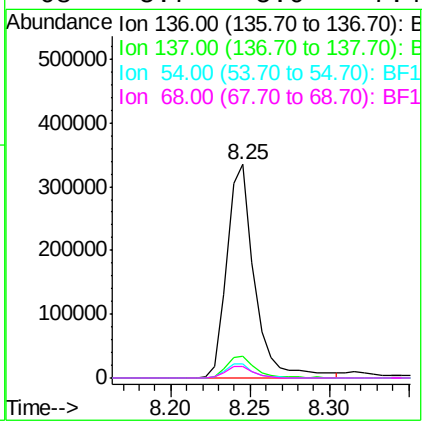


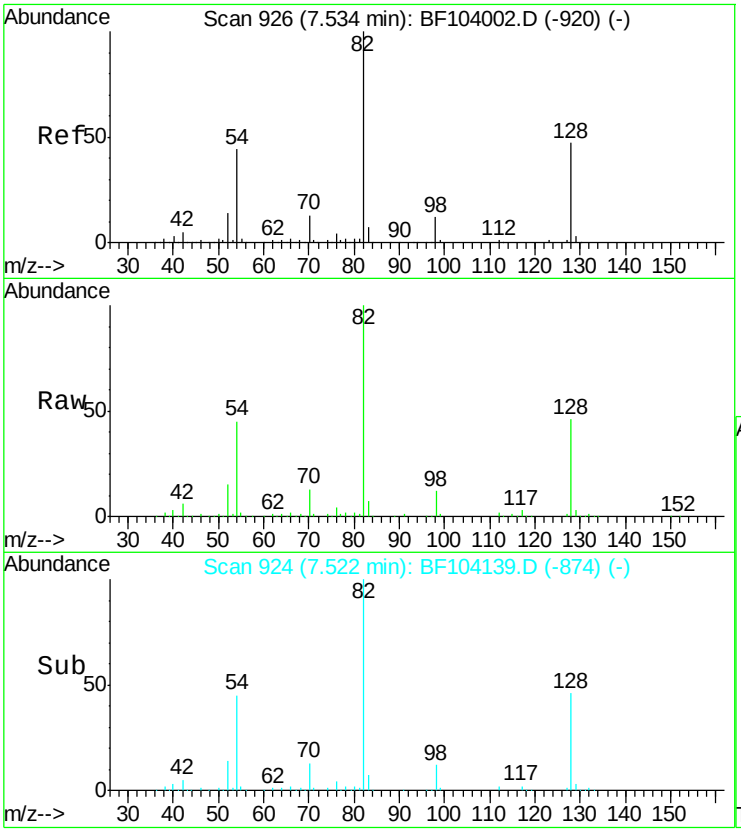


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Tgt Ion:136 Resp: 406533

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	6.3	6.6	9.8#
68	5.7	5.0	7.4



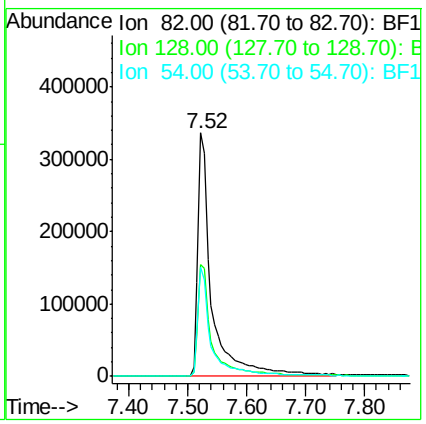


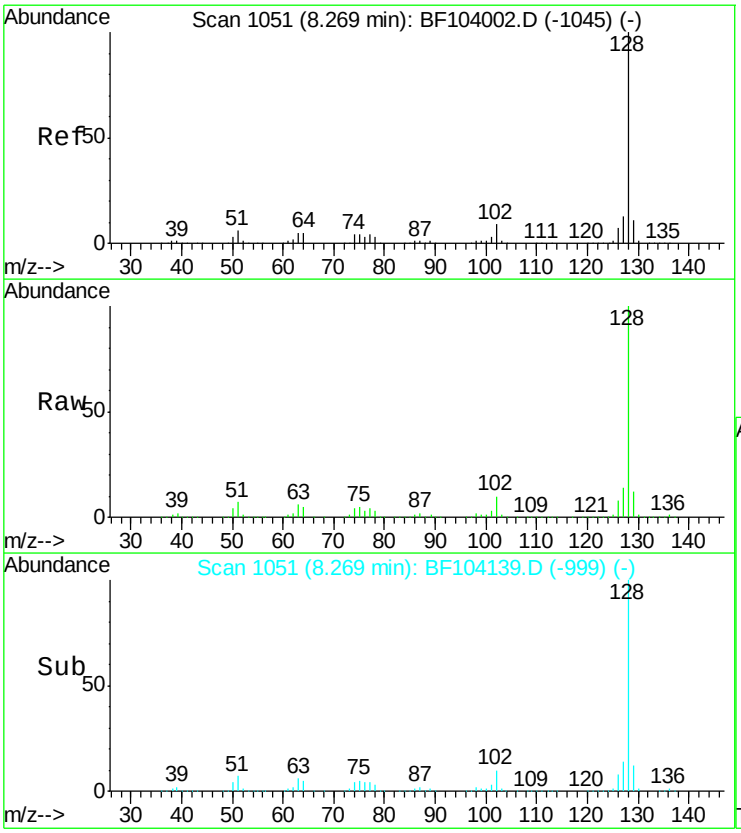
#23
Nitrobenzene-d5
Concen: 82.986 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion: 82 Resp: 551654

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	45.1	41.4	62.2

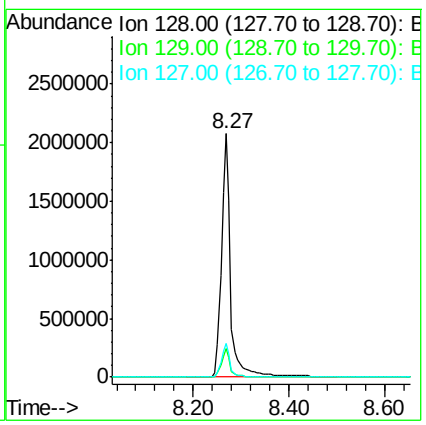


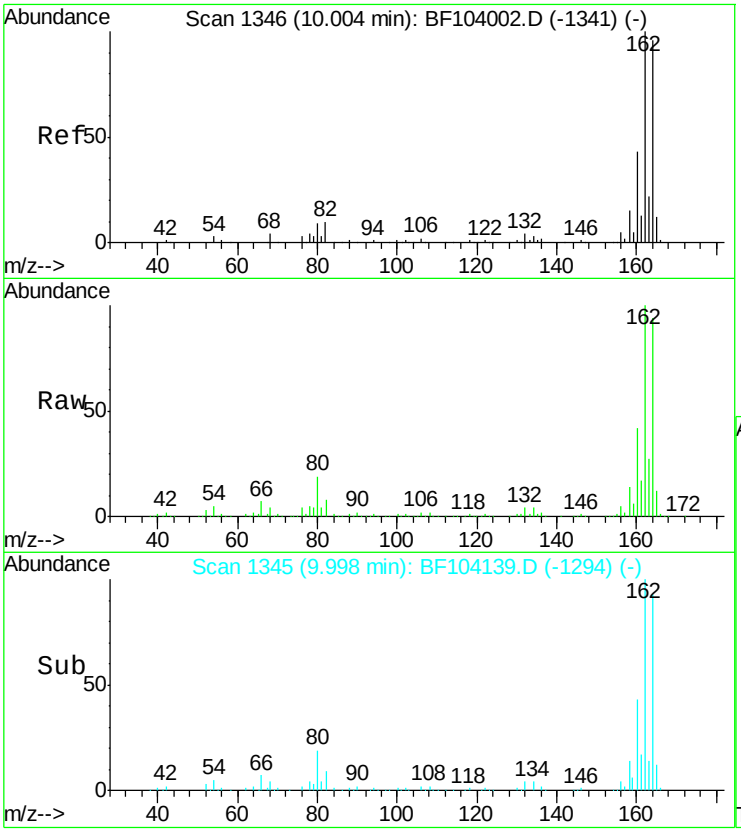


#31
Naphthalene
Concen: 141.115 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Tgt Ion:128 Resp: 2802615

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	13.9	10.9	16.3



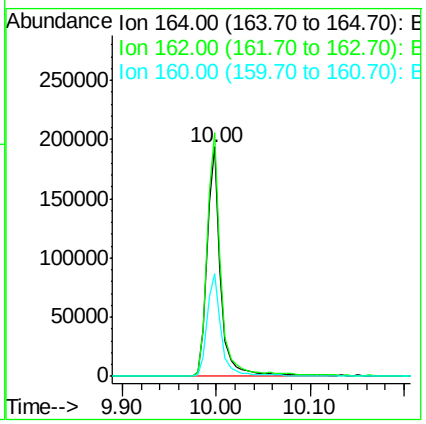


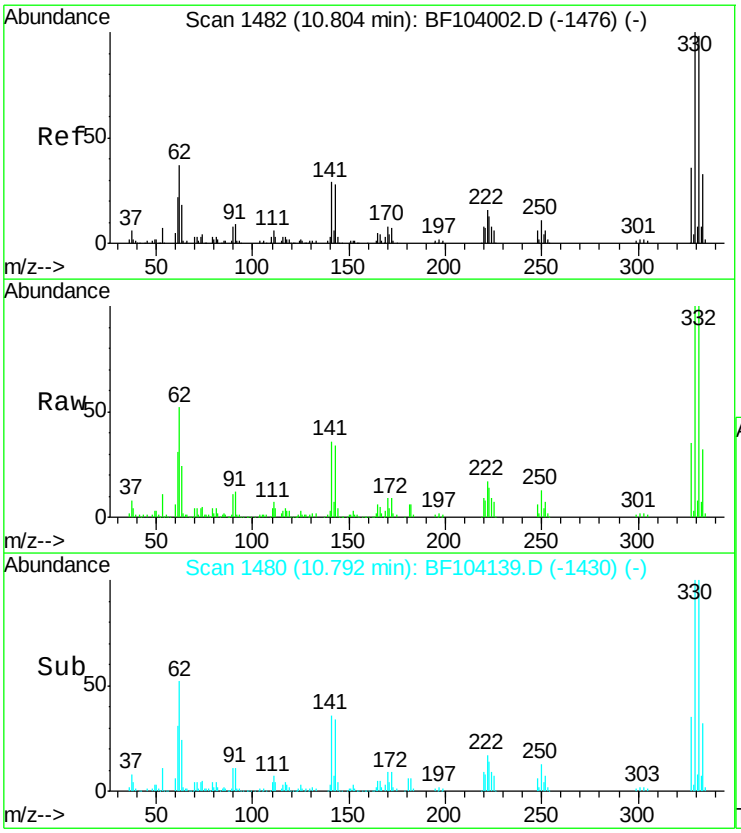
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:164 Resp: 198096

Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	45.1	38.3	57.5

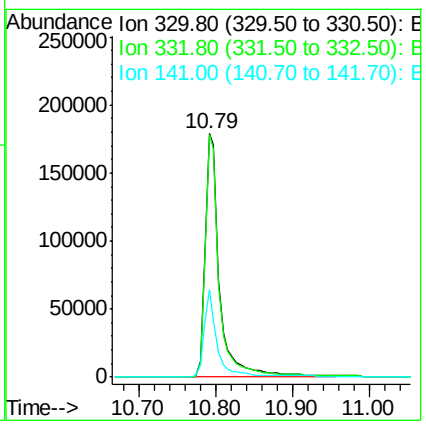


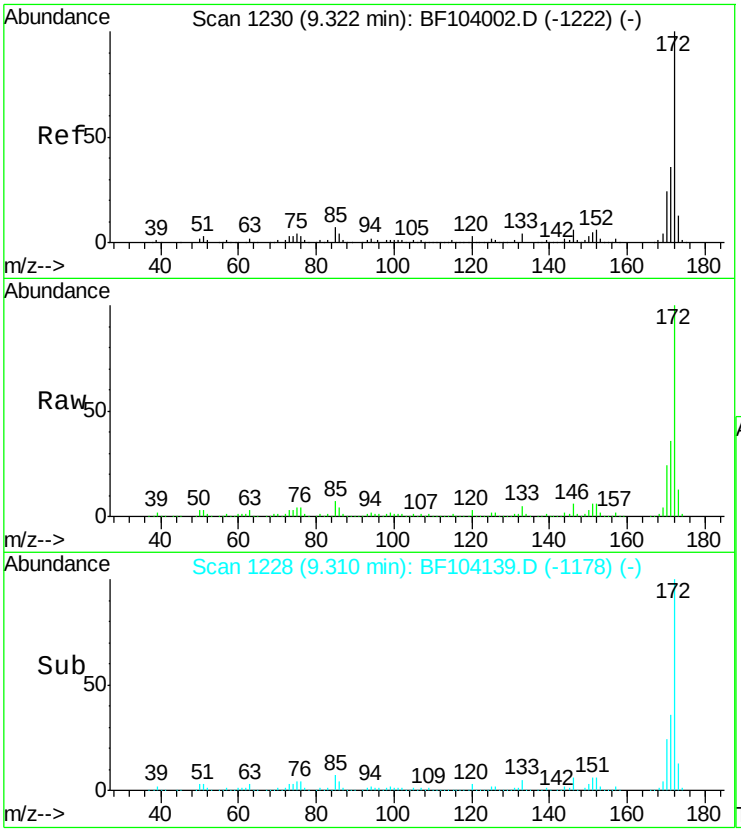


#41
2,4,6-Tribromophenol
Concen: 104.804 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Tgt Ion:330 Resp: 231176

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	32.0	29.9	44.9



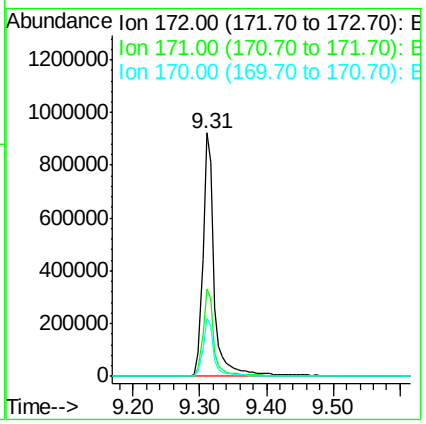


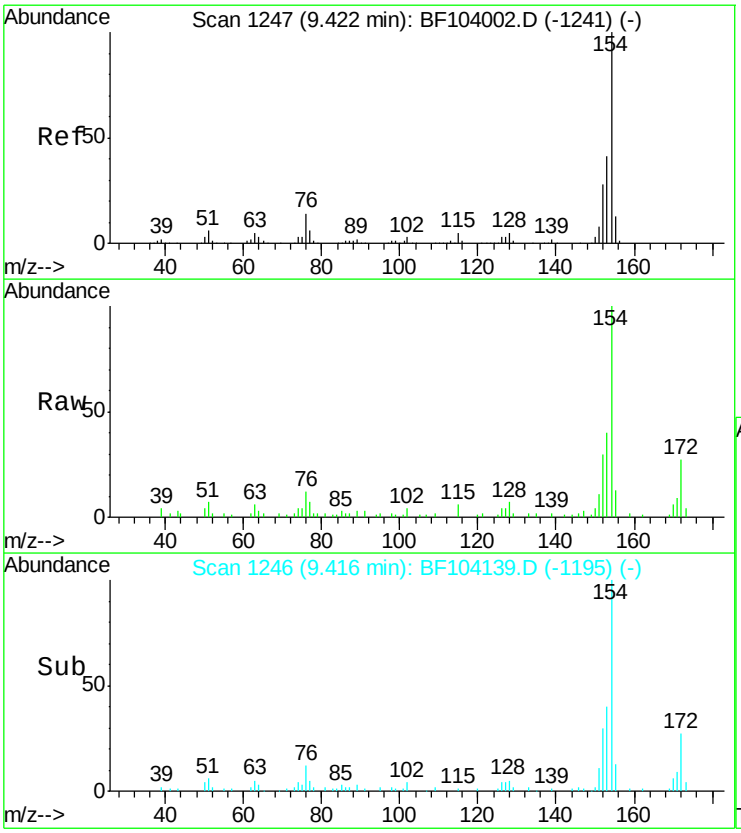
#44
2-Fluorobiphenyl
Concen: 86.274 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:172 Resp: 1083798

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4

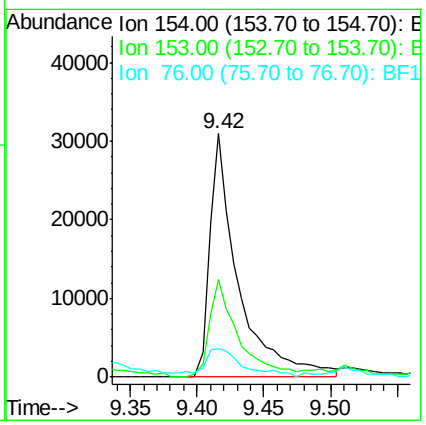


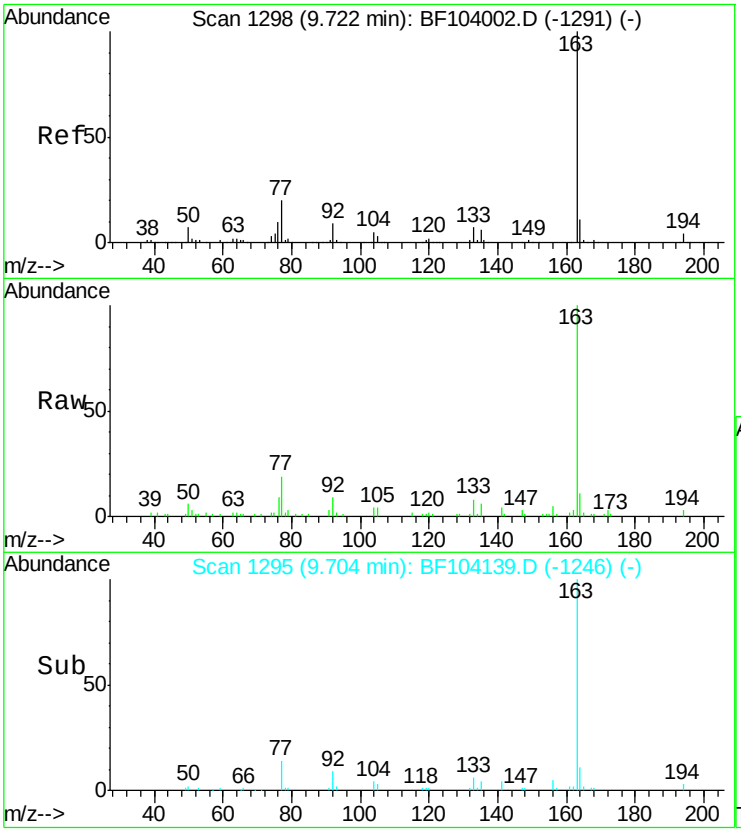


#45
1,1'-Biphenyl
Concen: 2.722 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Tgt Ion:154 Resp: 46284

Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	12.0	0.0	34.0



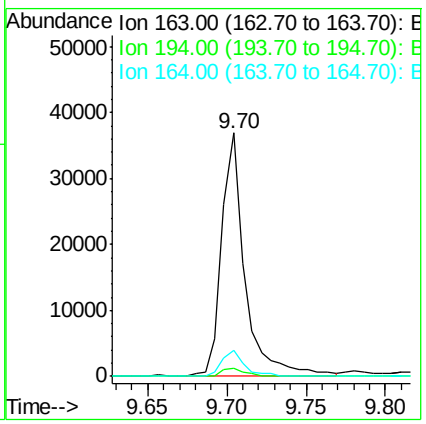


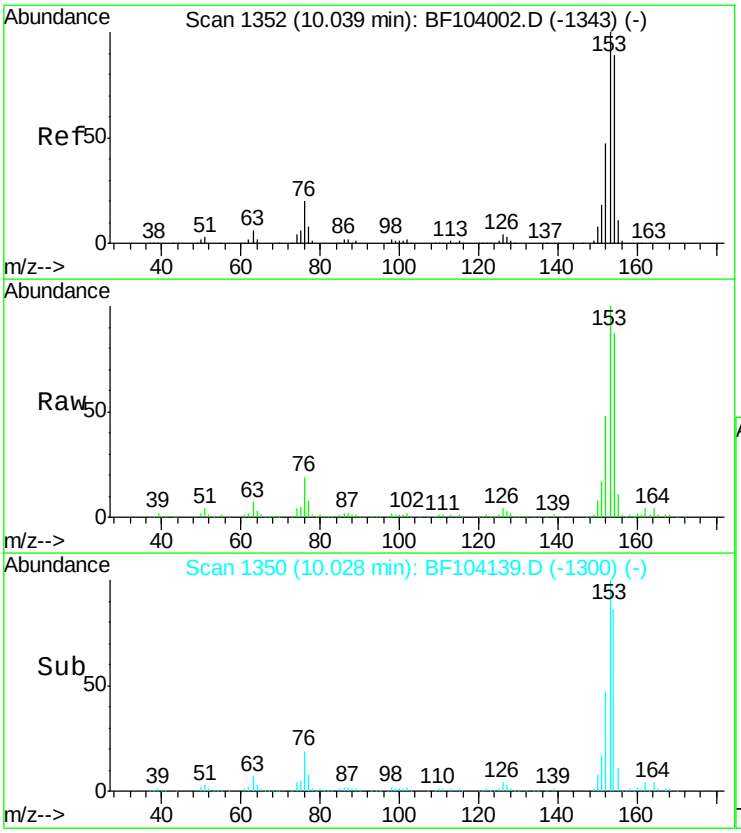
#49
Dimethylphthalate
Concen: 2.413 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:163 Resp: 37745

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.9	8.2	12.2

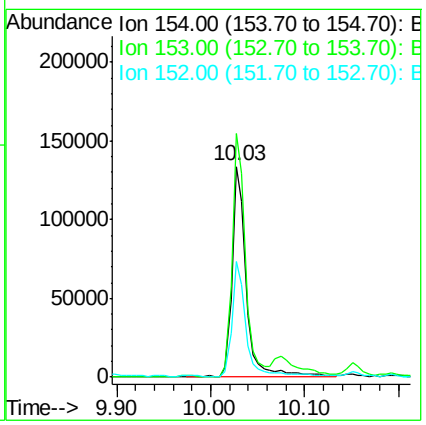


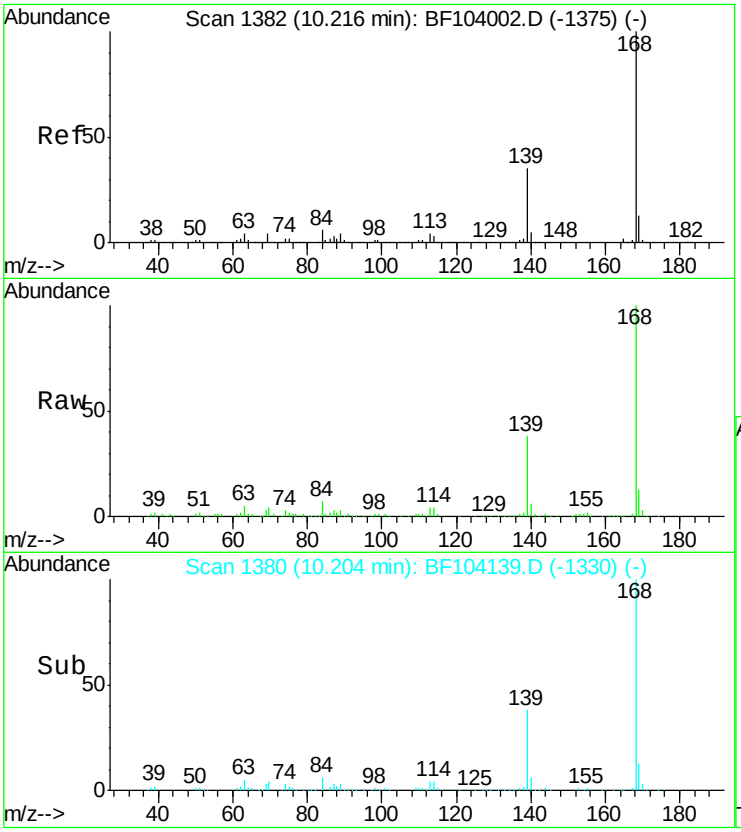


#51
Acenaphthene
Concen: 12.046 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Tgt Ion:154 Resp: 141580

Ion	Ratio	Lower	Upper
154	100		
153	115.5	91.2	136.8
152	55.0	43.8	65.8



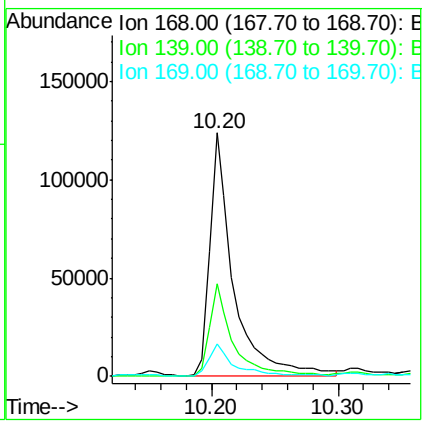


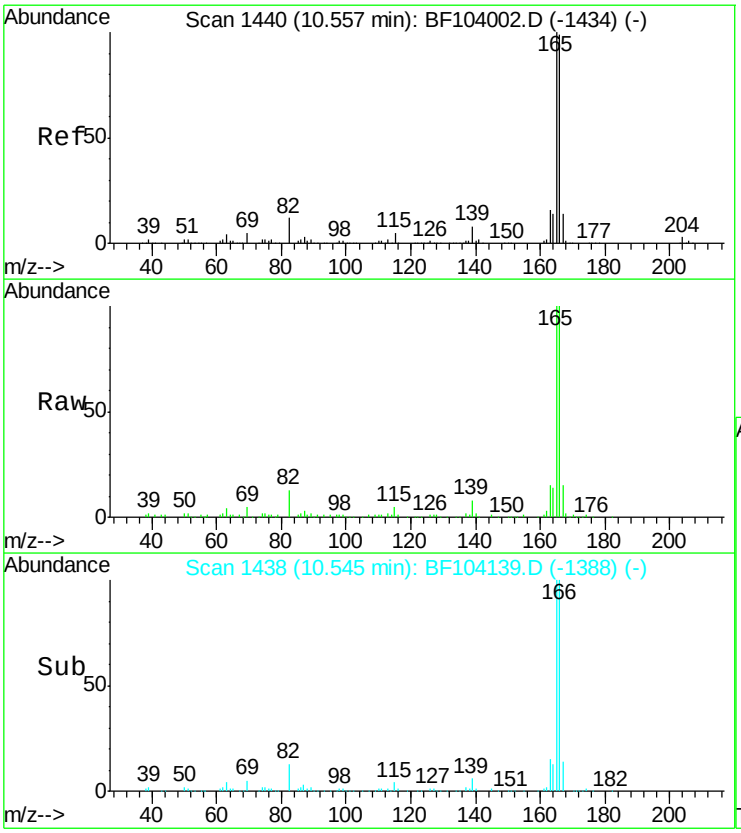
#54
Dibenzofuran
Concen: 9.556 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:168 Resp: 164020

Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	13.3	10.9	16.3

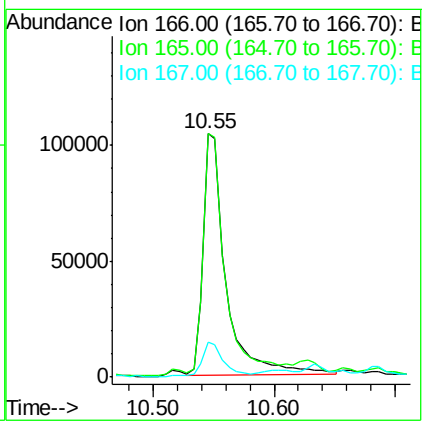


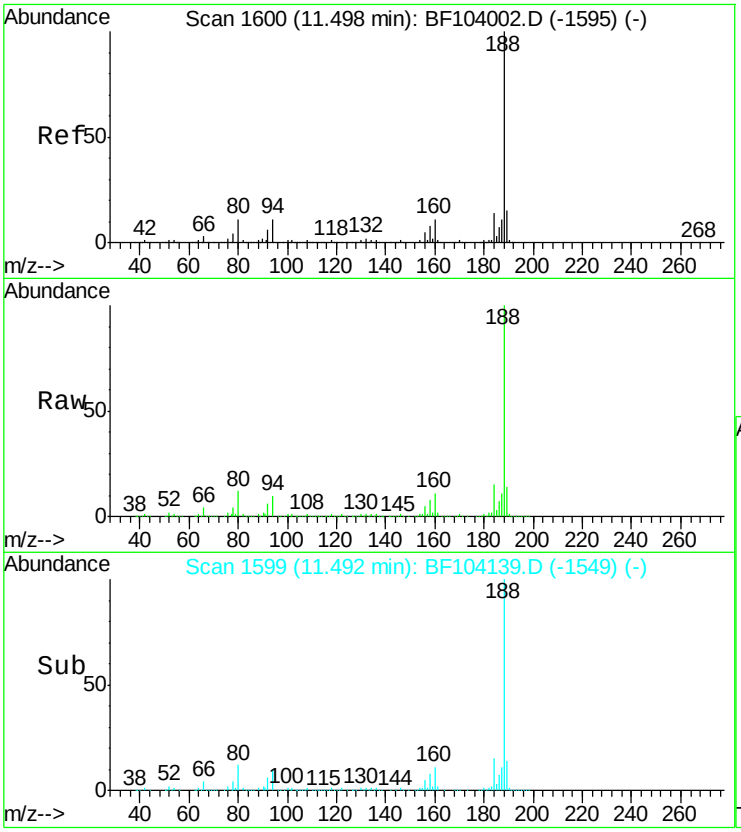


#57
Fluorene
Concen: 9.742 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Tgt Ion:166 Resp: 137932

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	14.5	10.6	16.0



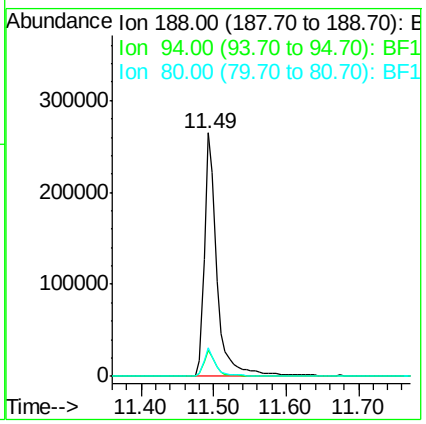


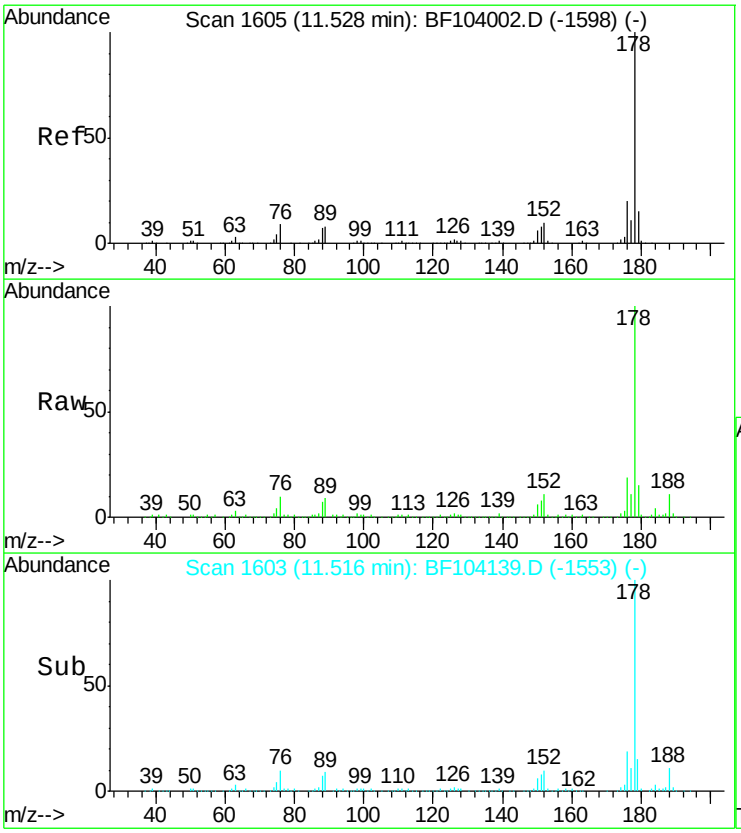
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:188 Resp: 322889

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.6	9.2	13.8

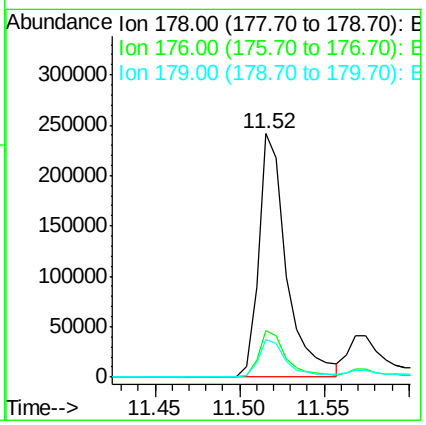


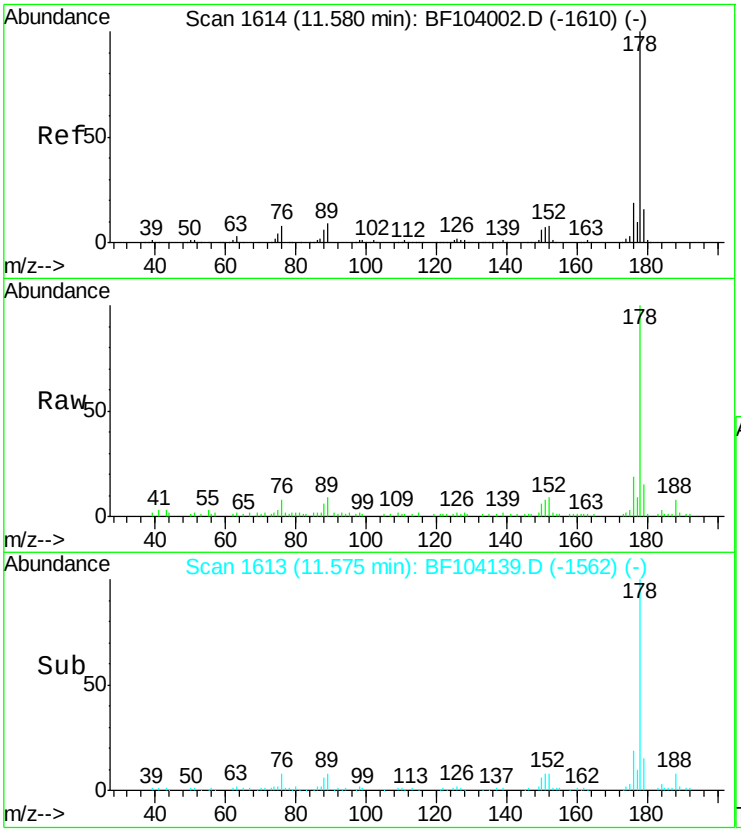


#70
Phenanthrene
Concen: 15.832 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Tgt Ion:178 Resp: 276771

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.2	13.0	19.6



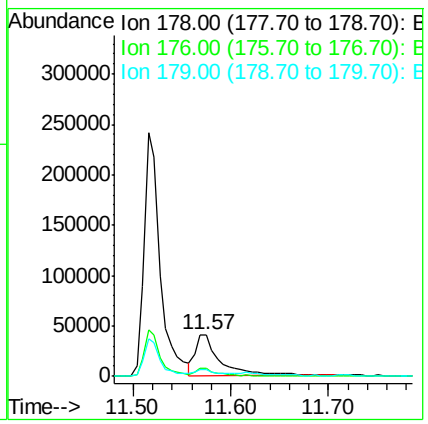


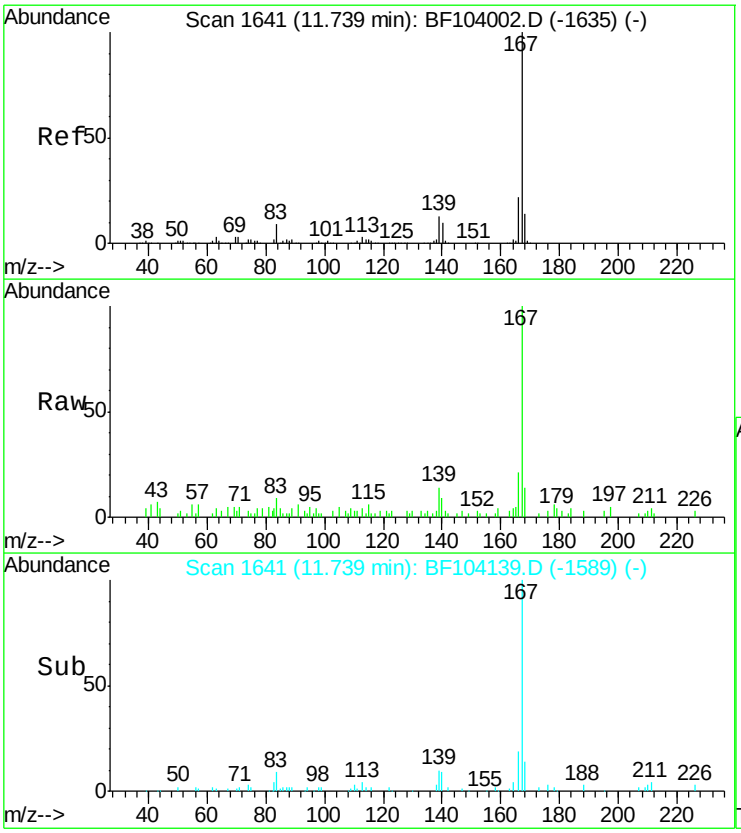
#71
Anthracene
Concen: 3.971 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.00 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:178 Resp: 72506

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.6	19.0

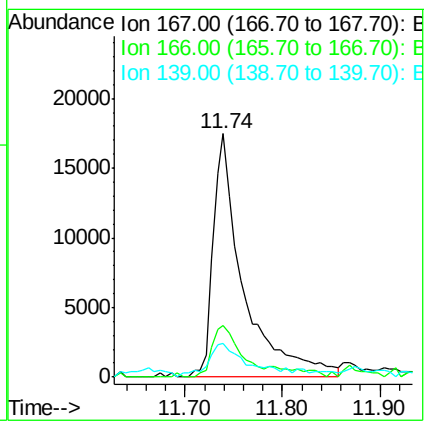


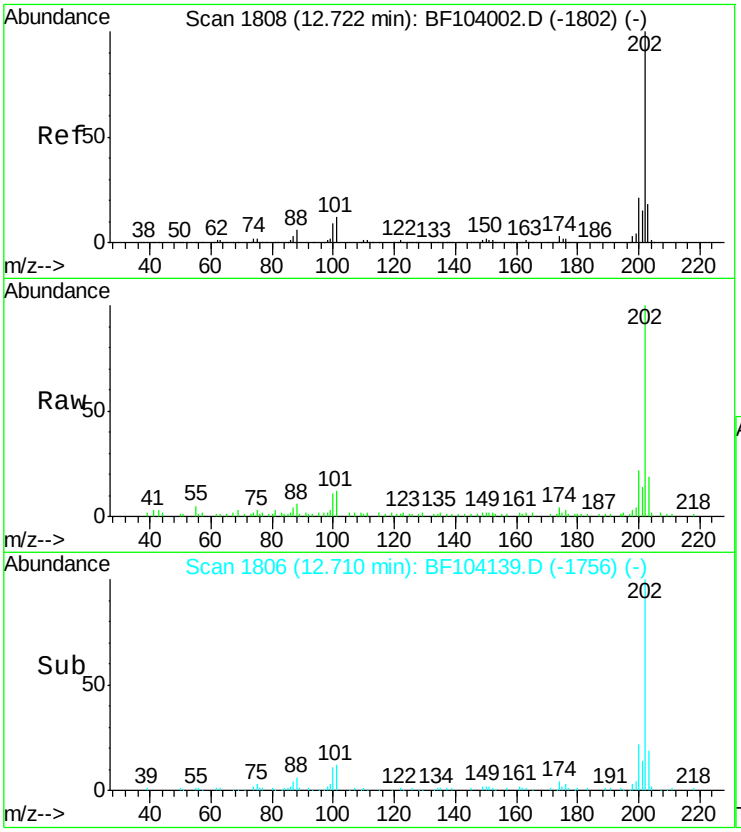


#72
Carbazole
Concen: 2.148 ng
RT: 11.74 min Scan# 1641
Delta R.T. 0.01 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Tgt Ion:167 Resp: 37438

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.6	26.4
139	13.8	10.9	16.3



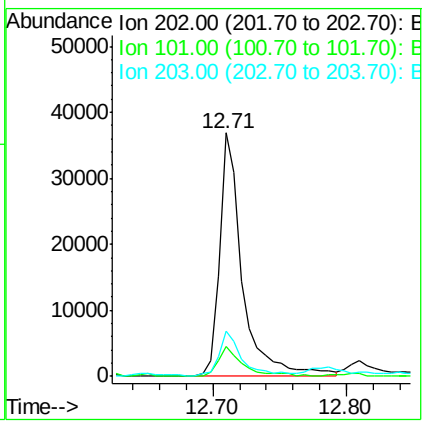


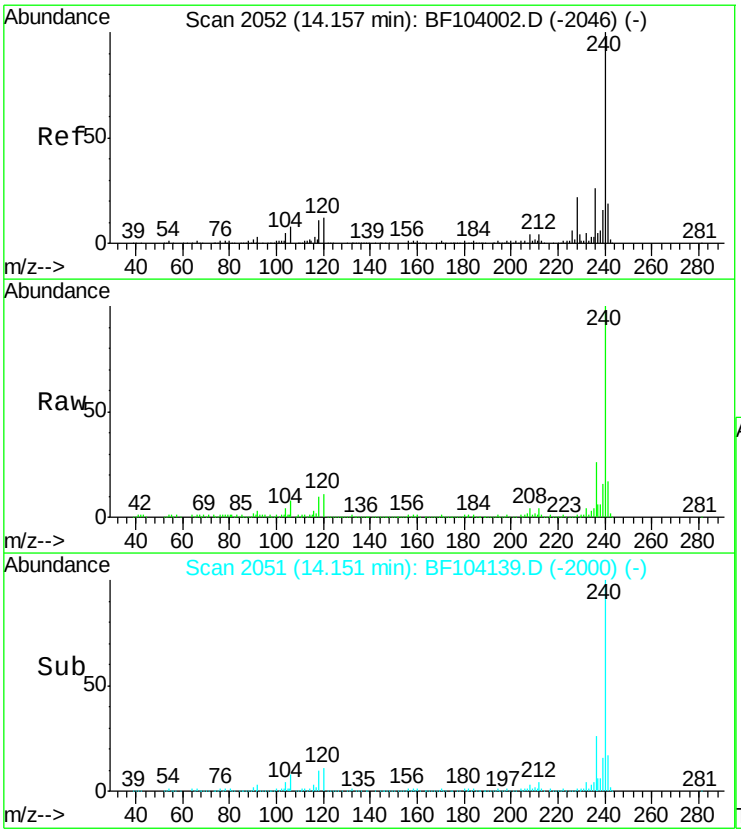
#74
Fluoranthene
Concen: 2.392 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:202 Resp: 44457

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	18.7	0.0	38.1

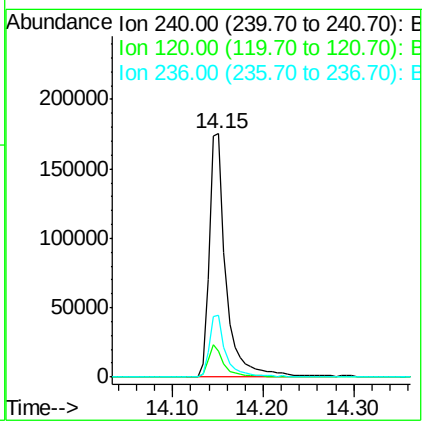


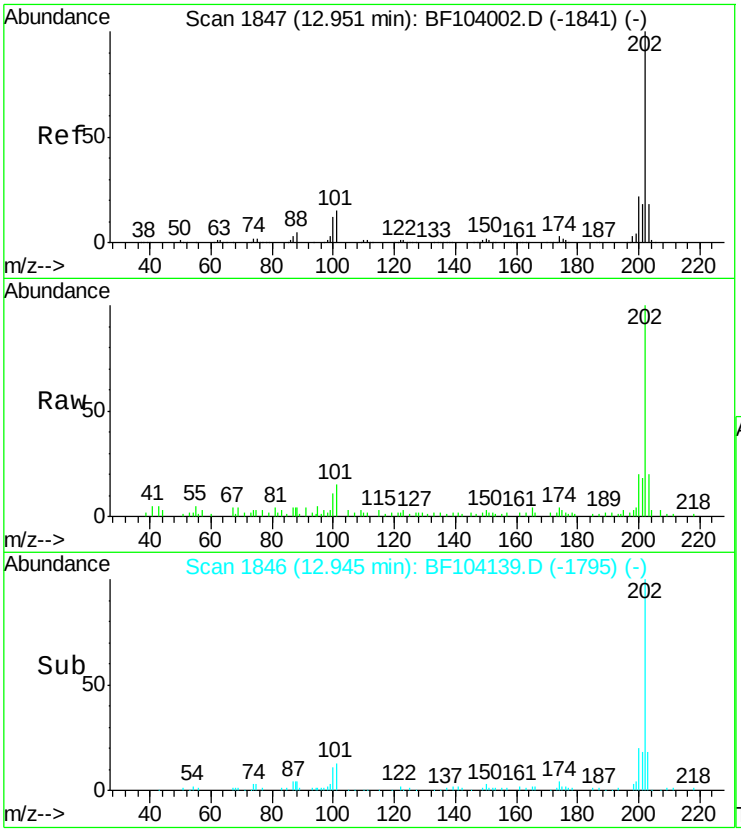


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Tgt Ion:240 Resp: 228547

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.5	20.7	31.1



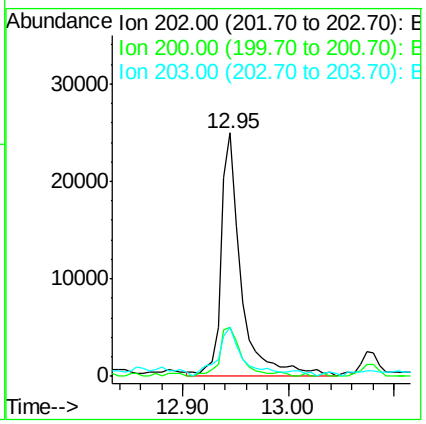


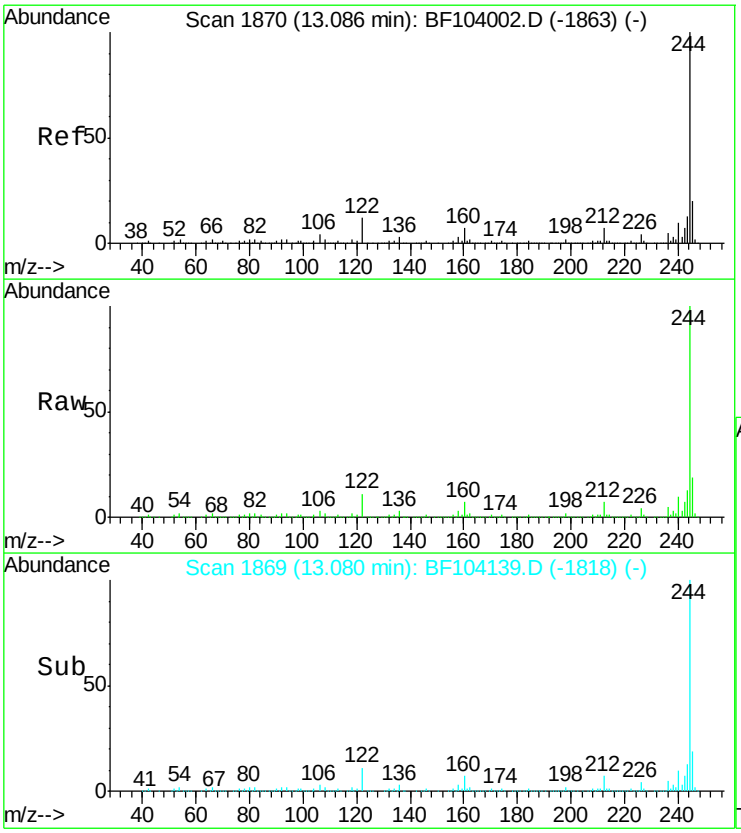
#77
Pyrene
Concen: 2.011 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:202 Resp: 33047

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	20.4	14.3	21.5

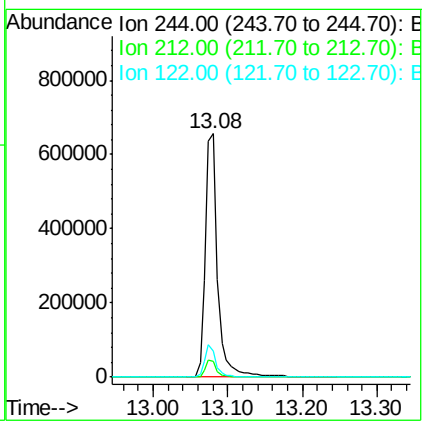


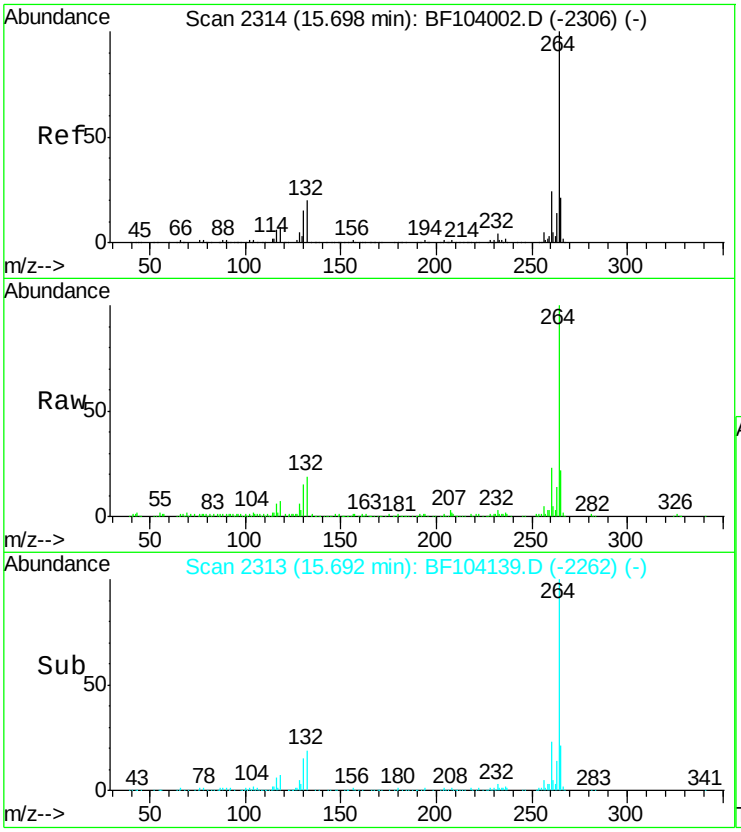


#78
Terphenyl-d14
Concen: 76.727 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Tgt Ion:244 Resp: 759469

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BF104139.D
Acq: 2 Apr 2018 17:00

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24S-GW

Tgt Ion:264 Resp: 236204

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	17.5	26.3