Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104141.D
Acq On : 2 Apr 2018 17:52
Operator : JU/SJ
Sample : J2173-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW24D-GW

Quant Time: Apr 03 01:27:00 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	108405	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	410086	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	208736	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	343166	20.00	ng		0.00
75) Chrysene-d12	14.15	240	230912	20.00	ng		0.00
86) Perylene-d12	15.69	264	235507	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	289783	42.63	ng		0.00
7) Phenol-d6	6.59	99	233958	27.97	ng		0.00
23) Nitrobenzene-d5	7.53	82	618934	92.30	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	256656	110.42	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1161387	87.74	ng		0.00
78) Terphenyl-d14	13.08	244	817503	81.74	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.28	128	4811128	240.147	ng		98
37) 2-Methylnaphthalene	8.95	142	33008	2.501	ng		95
45) 1,1'-Biphenyl	9.42	154	99747	5.568	ng		98
49) Dimethylphthalate	9.70	163	34020	2.064	ng	#	99
51) Acenaphthene	10.03	154	207857	16.783	ng		98
54) Dibenzofuran	10.20	168	216558	11.974	ng		100
57) Fluorene	10.55	166	176603	11.838	ng		98
70) Phenanthrene	11.52	178	313252	16.860	ng		98
71) Anthracene	11.57	178	82920	4.273	ng		97
72) Carbazole	11.73	167	110548	5.968	ng		99
74) Fluoranthene	12.72	202	54100	2.739	ng		97
77) Pyrene	12.94	202	43888	2.644	ng		96

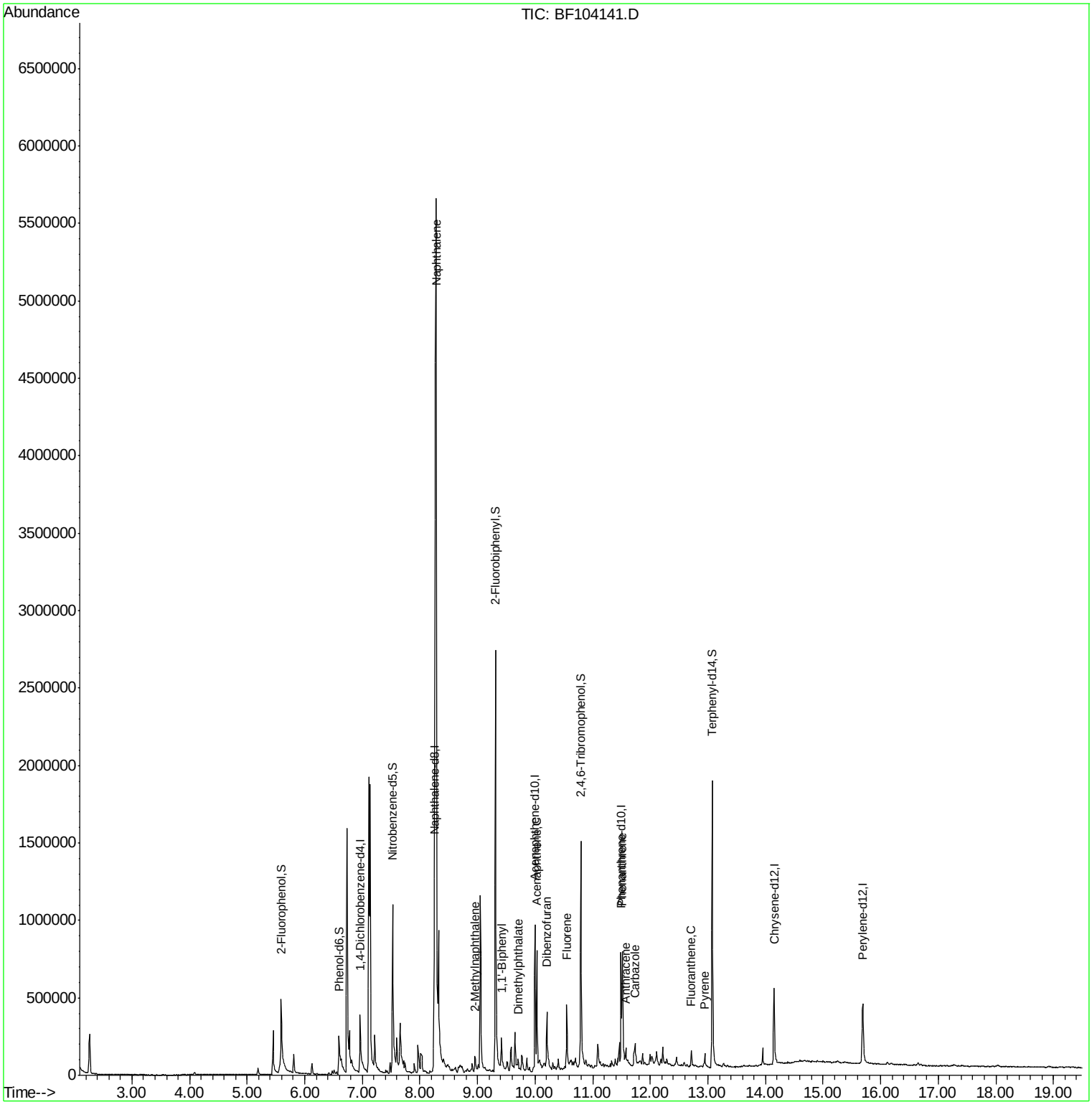
(#) = qualifier out of range (m) = manual integration (+) = signals summed

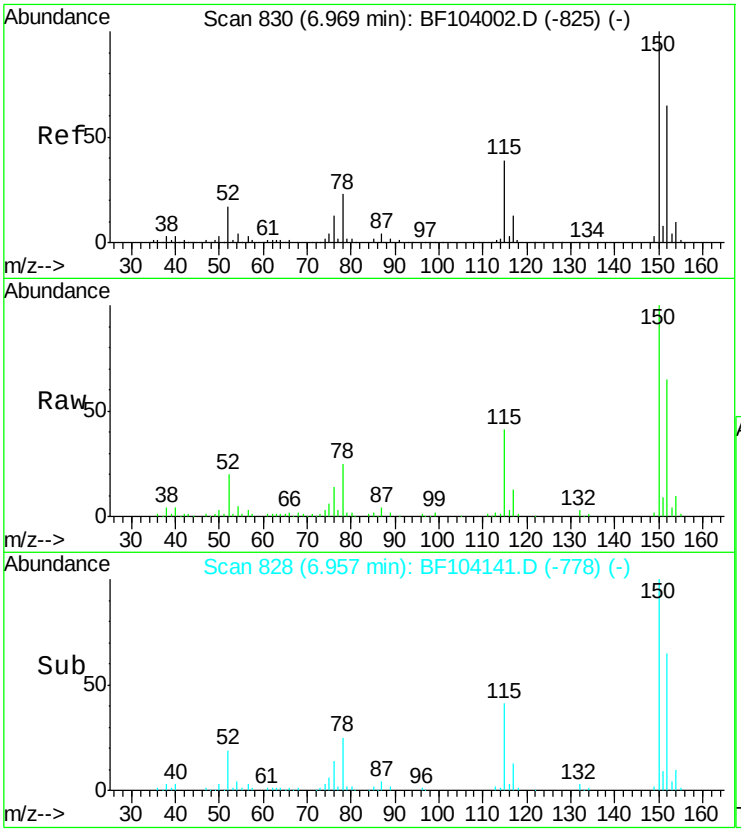
Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104141.D
Acq On : 2 Apr 2018 17:52
Operator : JU/SJ
Sample : J2173-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GW

Quant Time: Apr 03 01:27:00 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



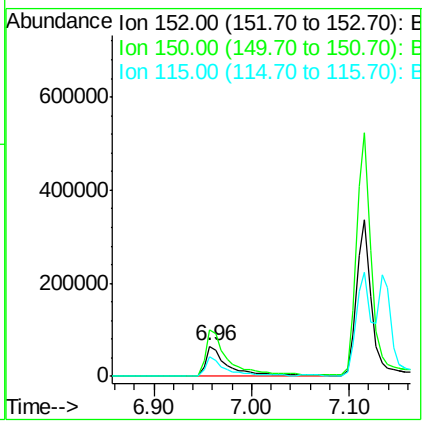


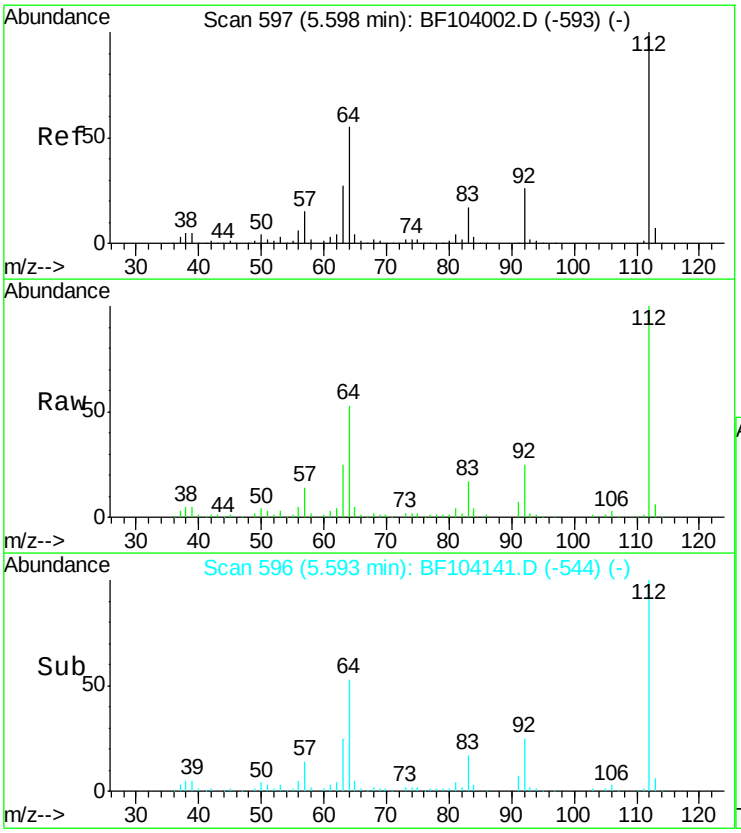
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion:152 Resp: 108405

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	63.6	50.1	75.1

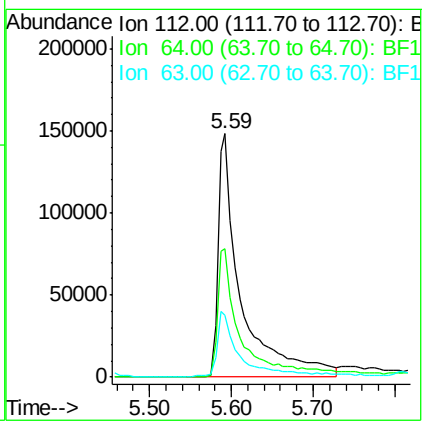


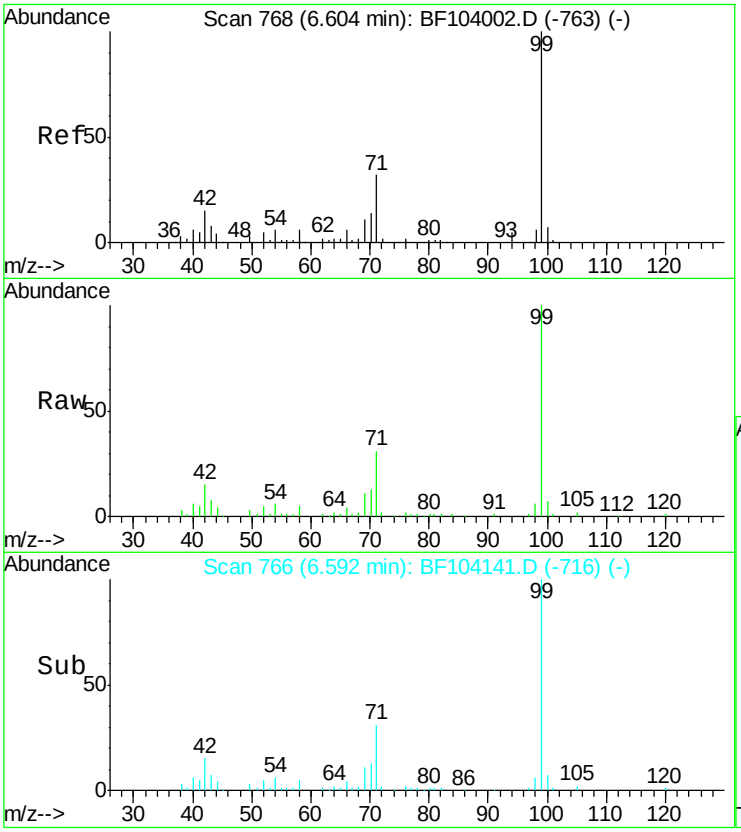


#5
2-Fluorophenol
Concen: 42.630 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Tgt Ion:112 Resp: 289783

Ion	Ratio	Lower	Upper
112	100		
64	52.8	47.9	71.9
63	25.2	23.7	35.5



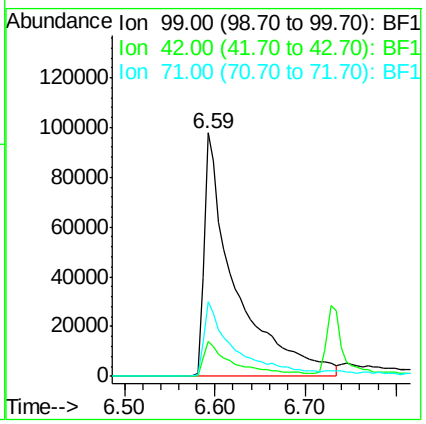


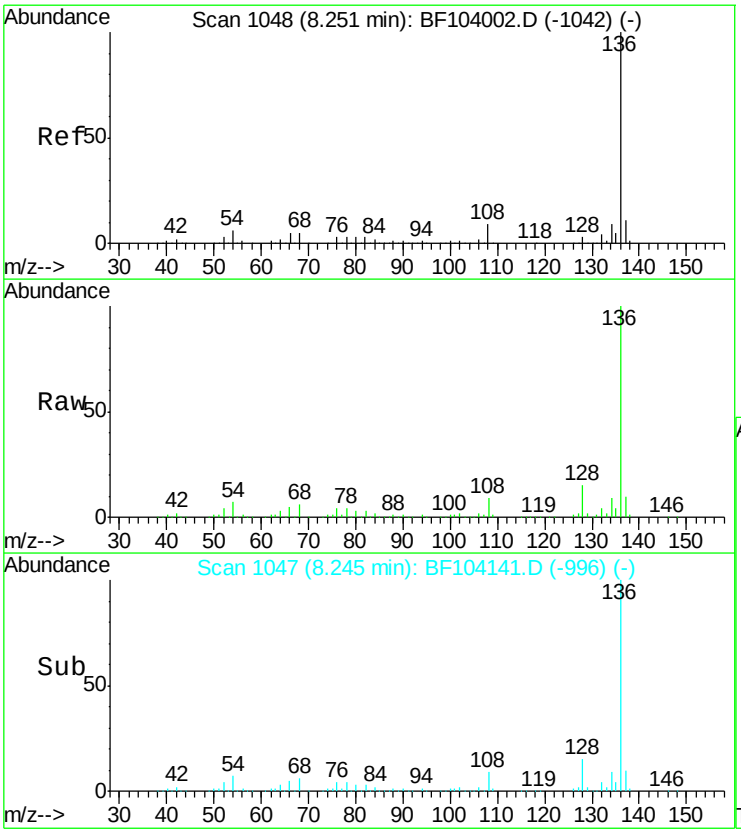
#7
Phenol-d6
Concen: 27.975 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion: 99 Resp: 233958

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.5	21.7
71	30.9	25.4	38.0

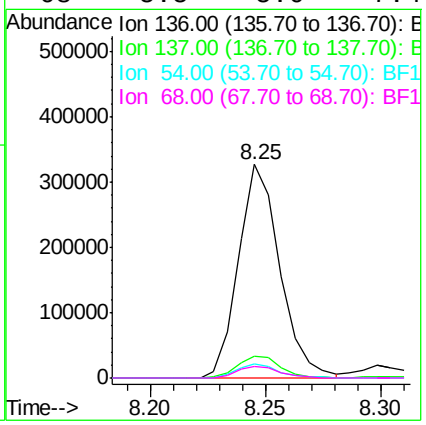


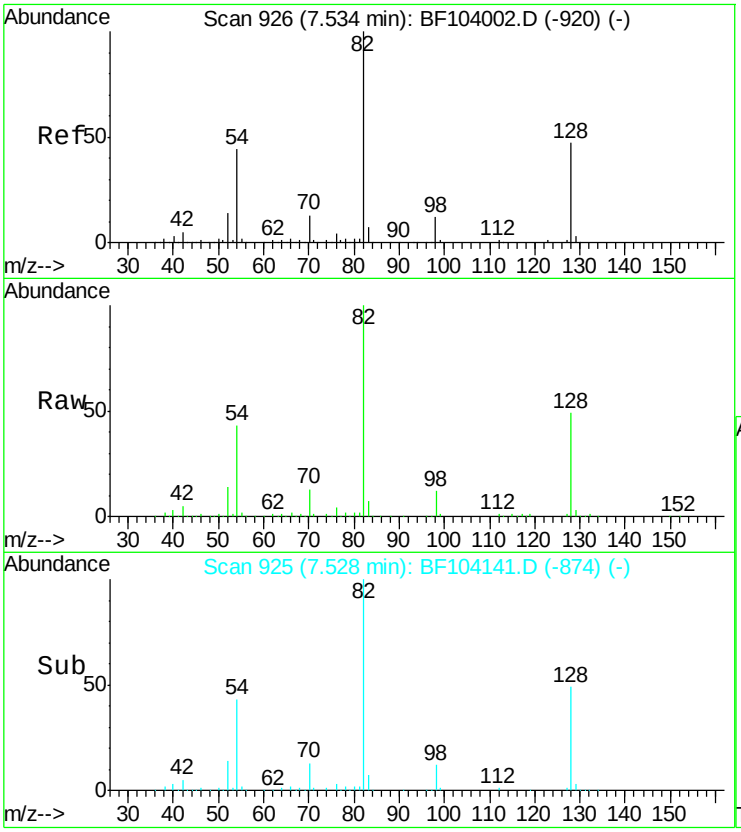


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Tgt Ion:136 Resp: 410086

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	6.8	6.6	9.8
68	5.5	5.0	7.4



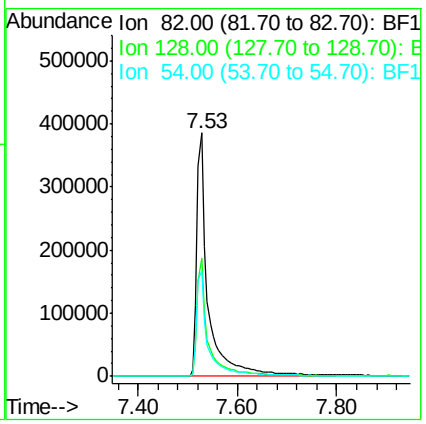


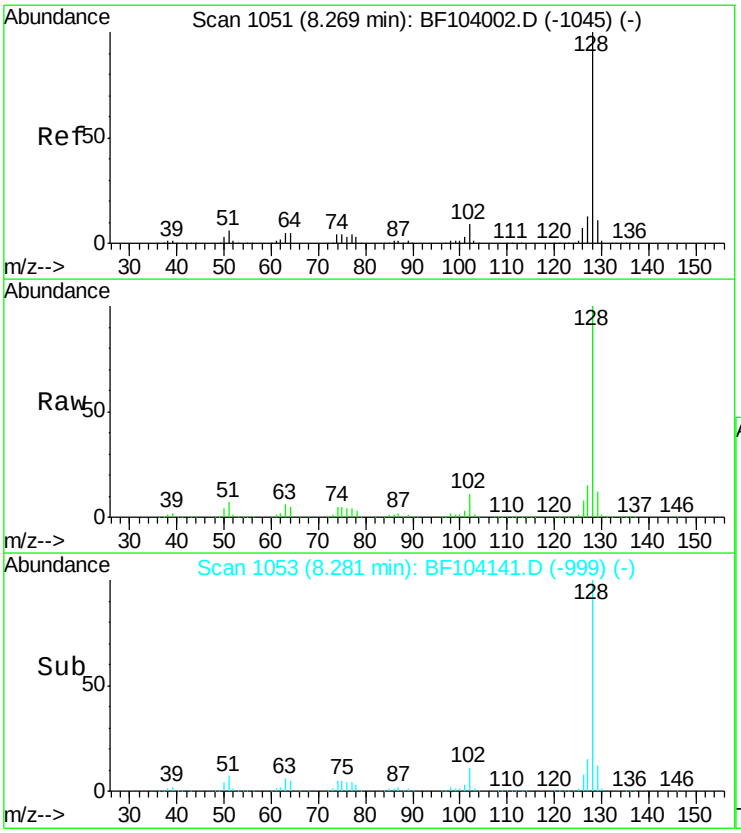
#23
Nitrobenzene-d5
Concen: 92.301 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion: 82 Resp: 618934

Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	43.2	41.4	62.2

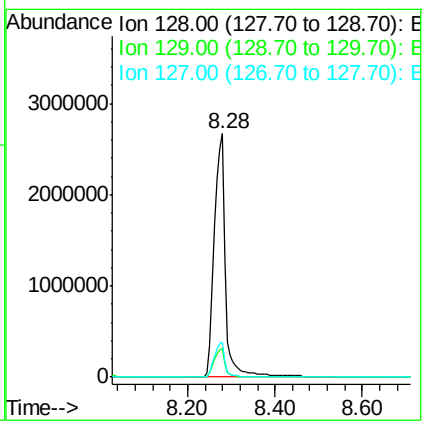


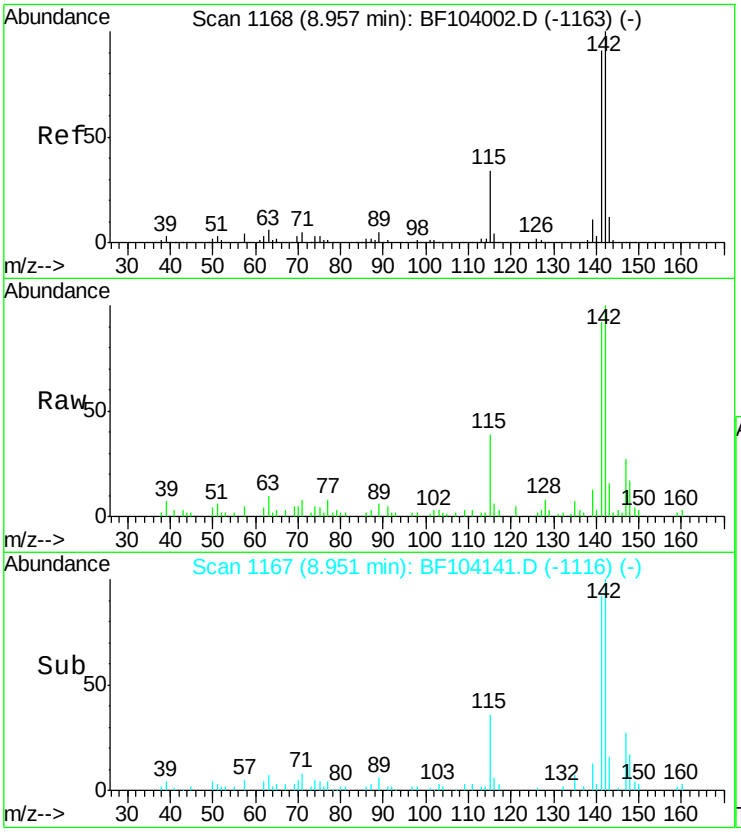


#31
Naphthalene
Concen: 240.147 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.02 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Tgt Ion:128 Resp: 4811128

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	14.5	10.9	16.3



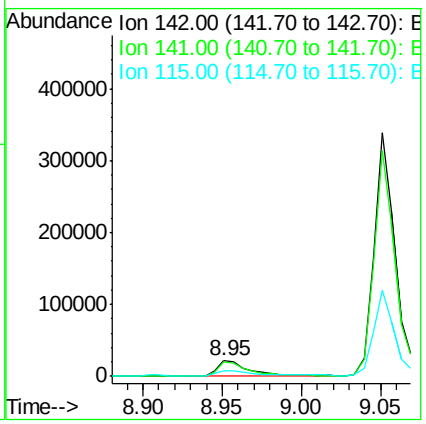


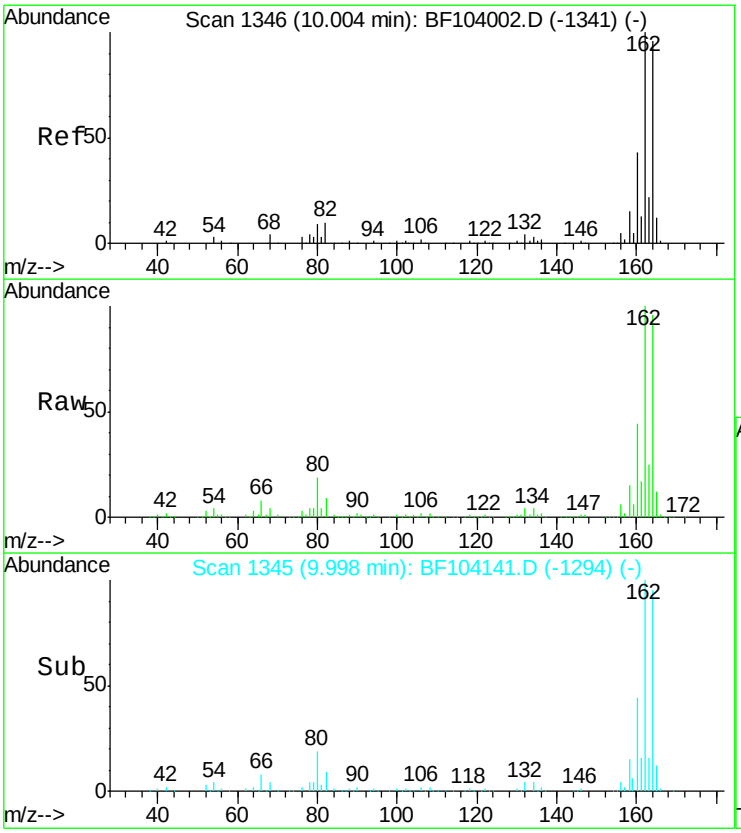
#37
2-Methylnaphthalene
Concen: 2.501 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion:142 Resp: 33008

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.8	106.2
115	39.1	26.1	39.1

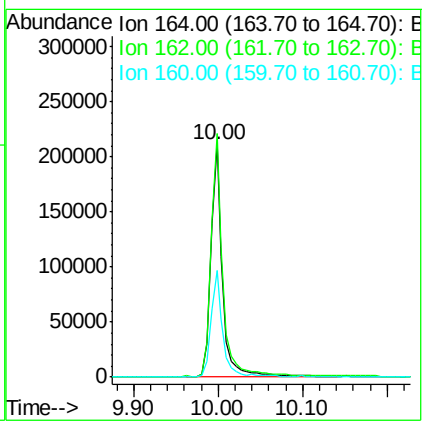


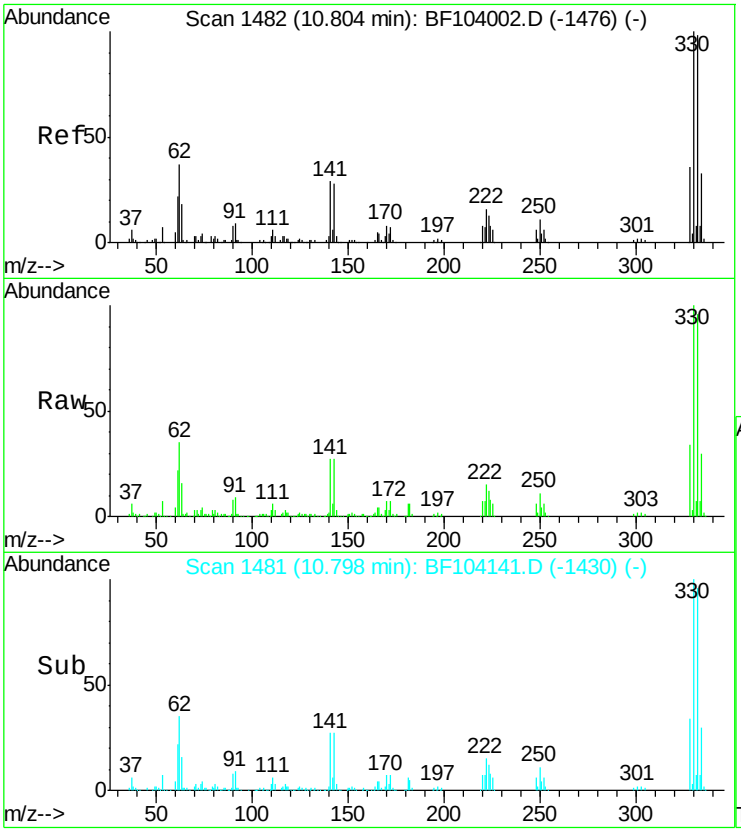


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Tgt Ion:164 Resp: 208736

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	45.7	38.3	57.5



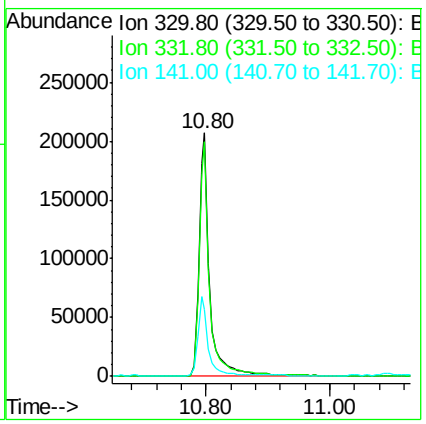


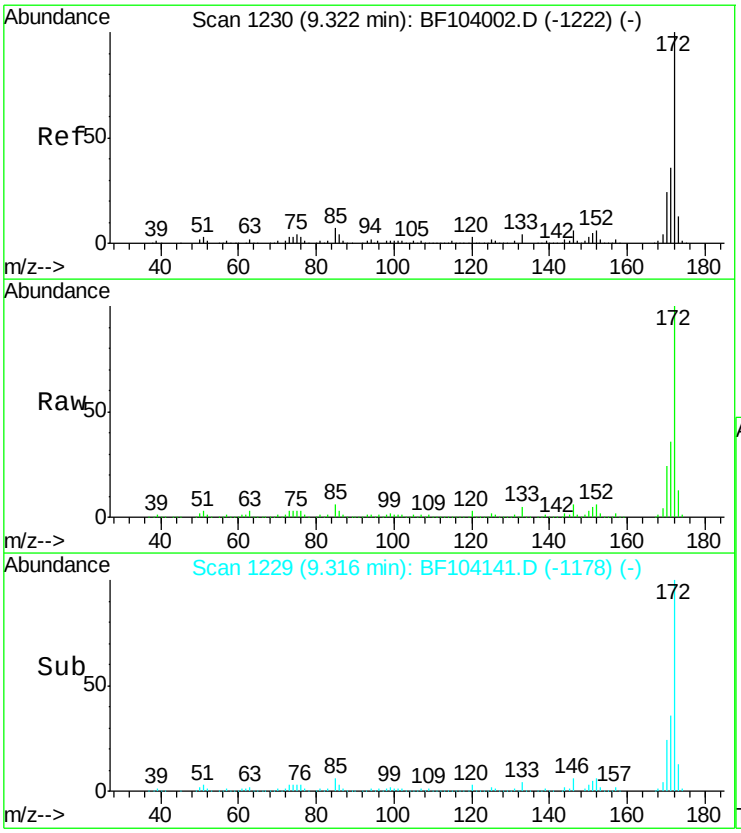
#41
2,4,6-Tribromophenol
Concen: 110.424 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion:330 Resp: 256656

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	31.6	29.9	44.9

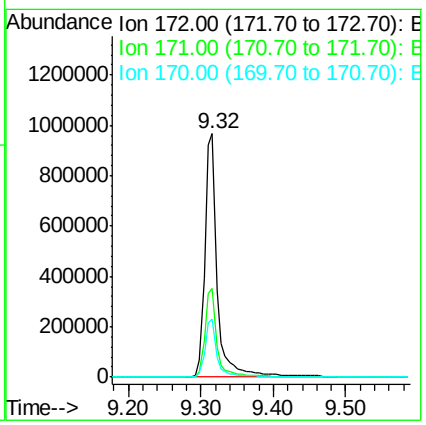


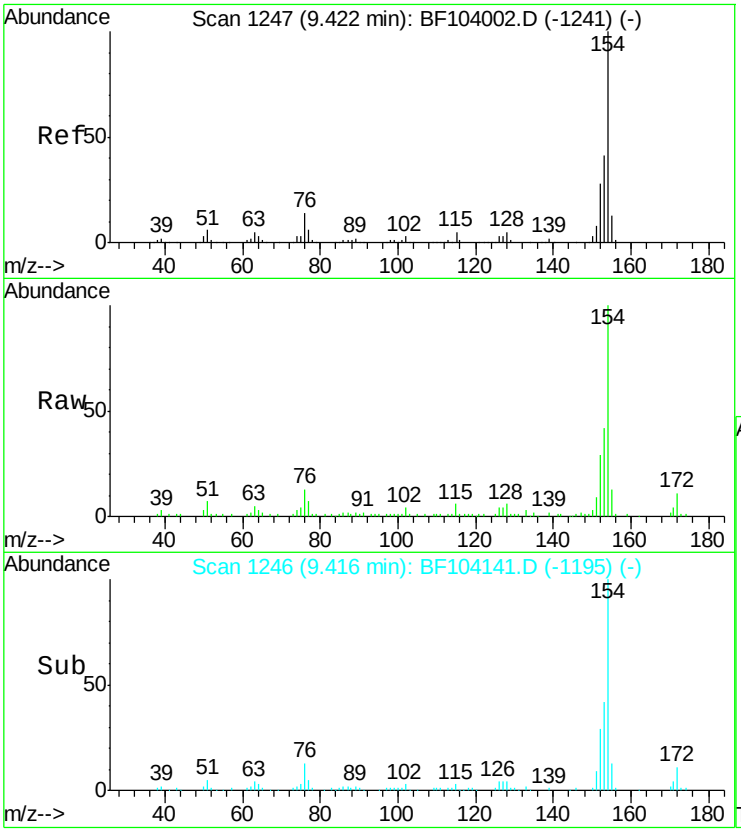


#44
2-Fluorobiphenyl
Concen: 87.738 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Tgt Ion:172 Resp: 1161387

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4



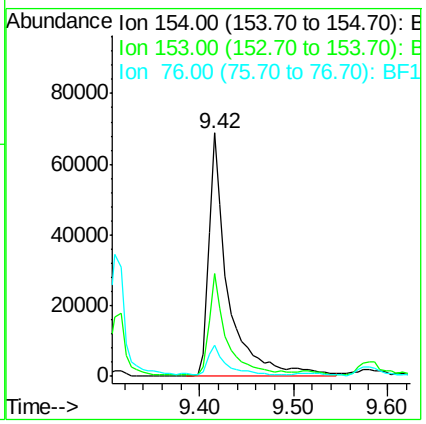


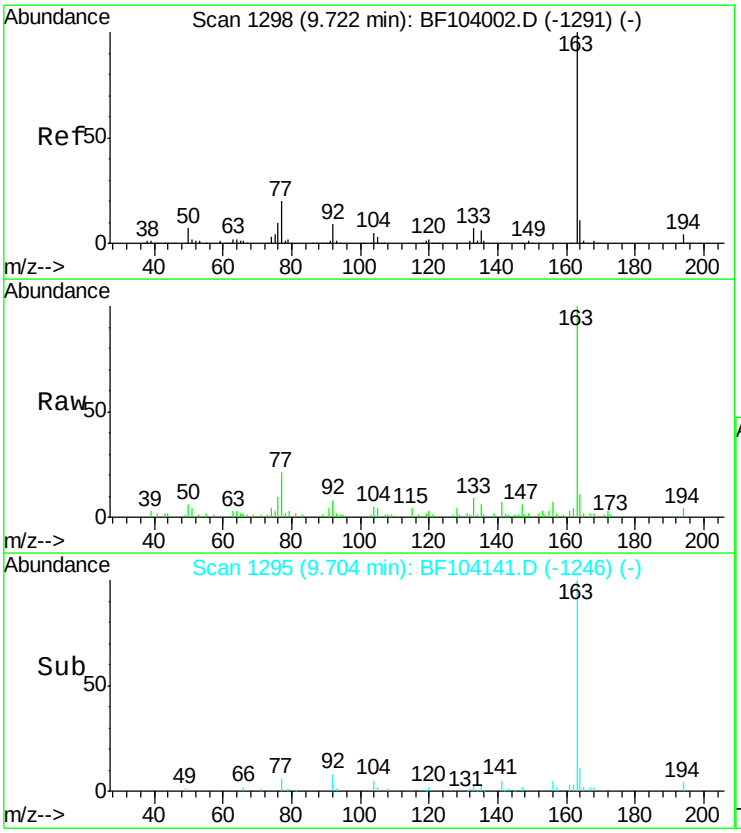
#45
1,1'-Biphenyl
Concen: 5.568 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion:154 Resp: 99747

Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.3	61.3
76	12.7	0.0	34.0

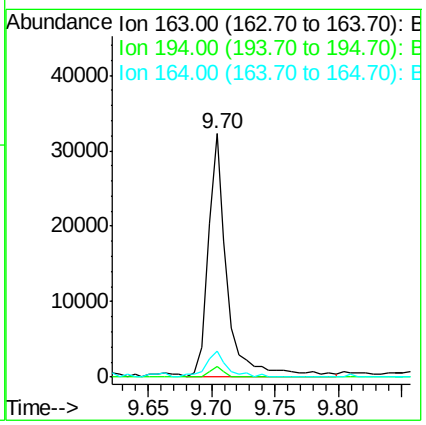


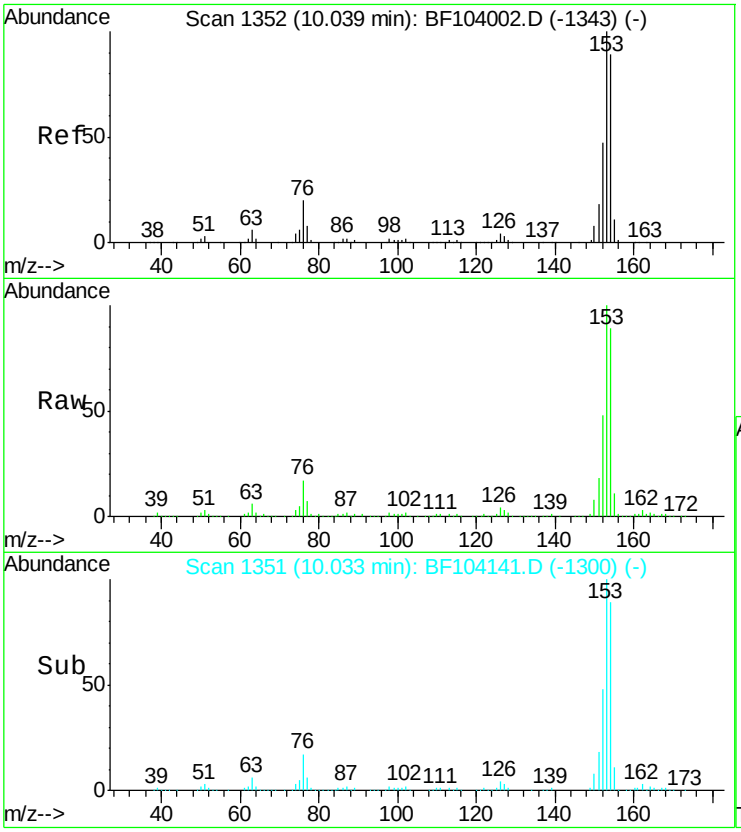


#49
Dimethylphthalate
Concen: 2.064 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Tgt Ion:163 Resp: 34020

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.6	8.2	12.2



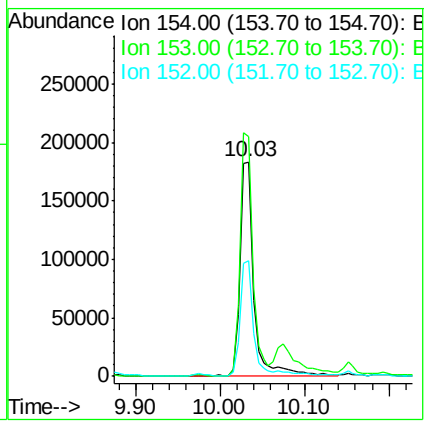


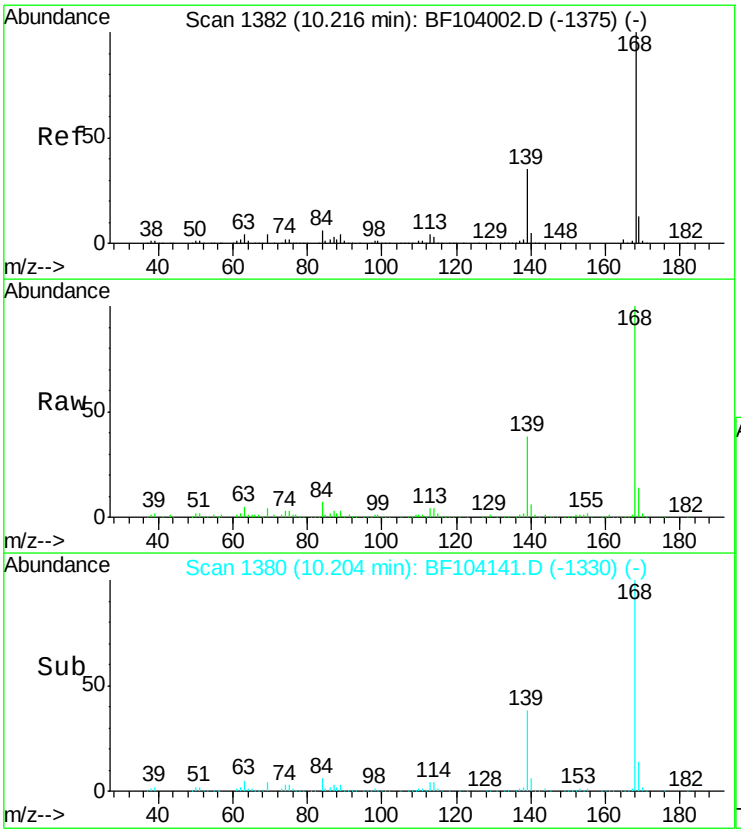
#51
Acenaphthene
Concen: 16.783 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion:154 Resp: 207857

Ion	Ratio	Lower	Upper
154	100		
153	112.0	91.2	136.8
152	53.9	43.8	65.8

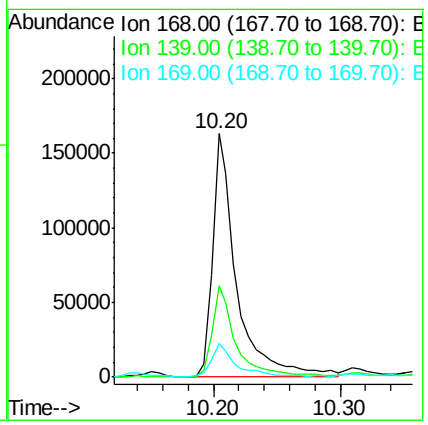


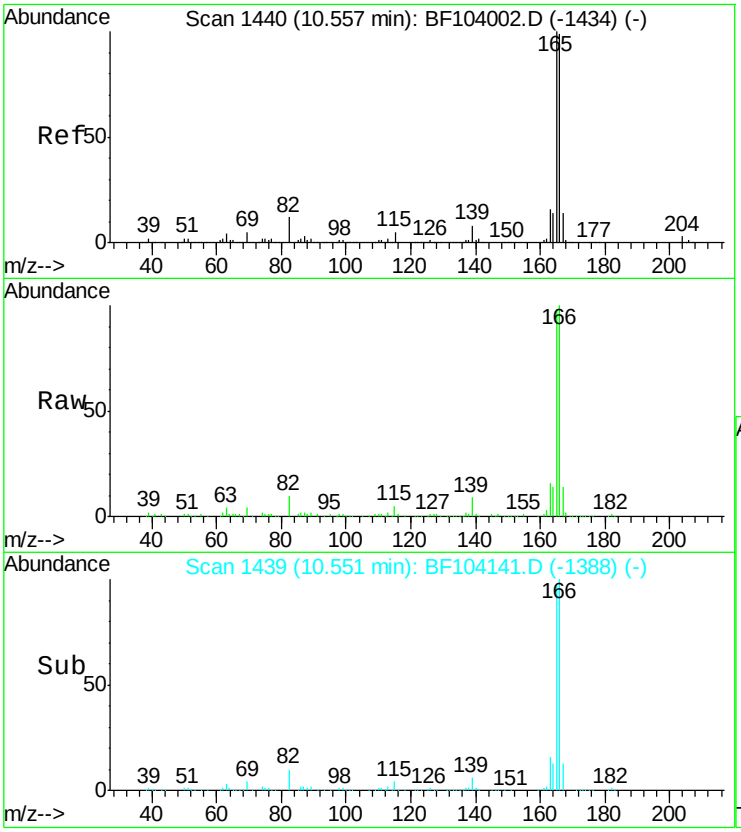


#54
Dibenzofuran
Concen: 11.974 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Tgt Ion:168 Resp: 216558

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.1	45.1
169	13.7	10.9	16.3



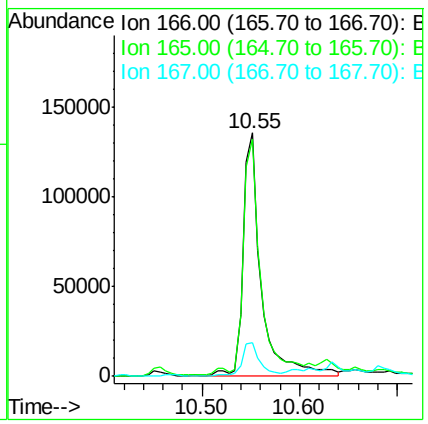


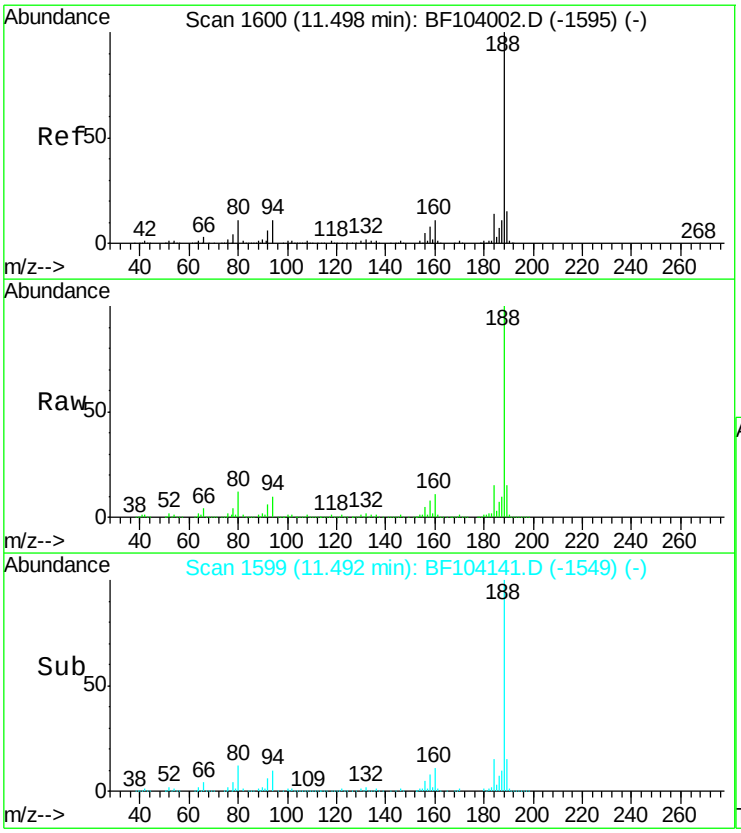
#57
Fluorene
Concen: 11.838 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion:166 Resp: 176603

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.8	119.8
167	13.7	10.6	16.0

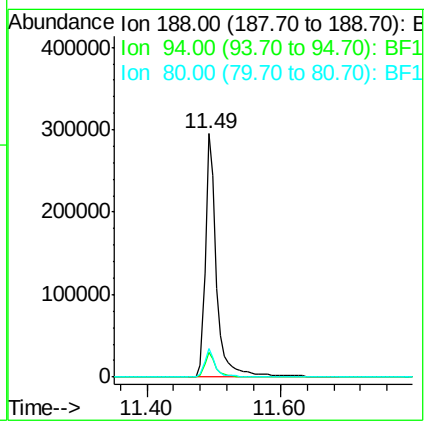


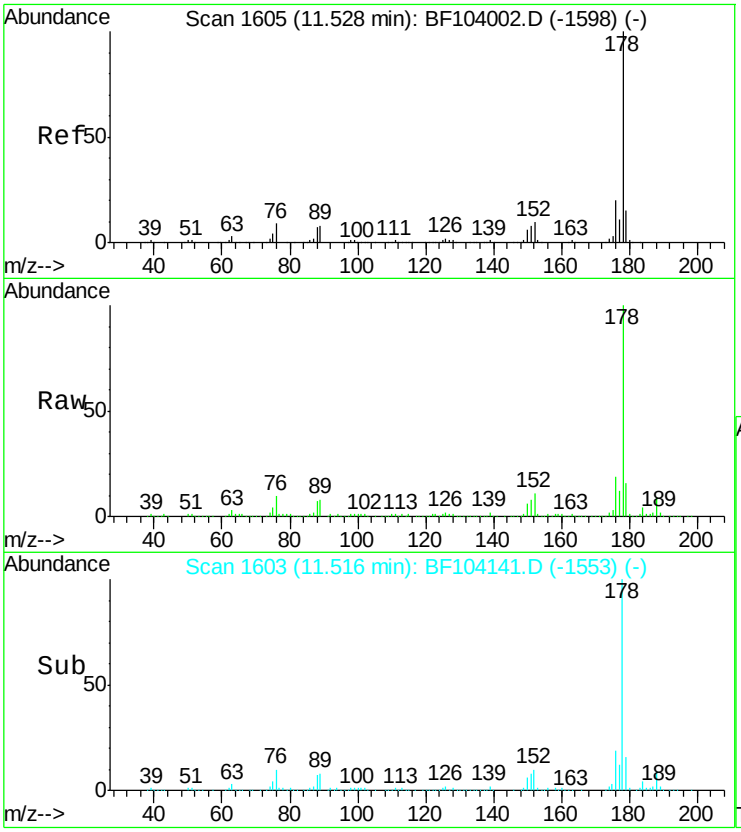


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Tgt Ion:188 Resp: 343166

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.6	9.2	13.8



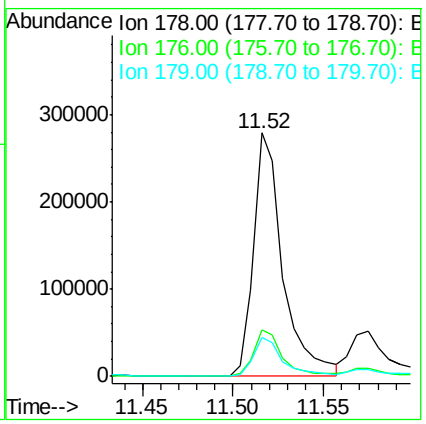


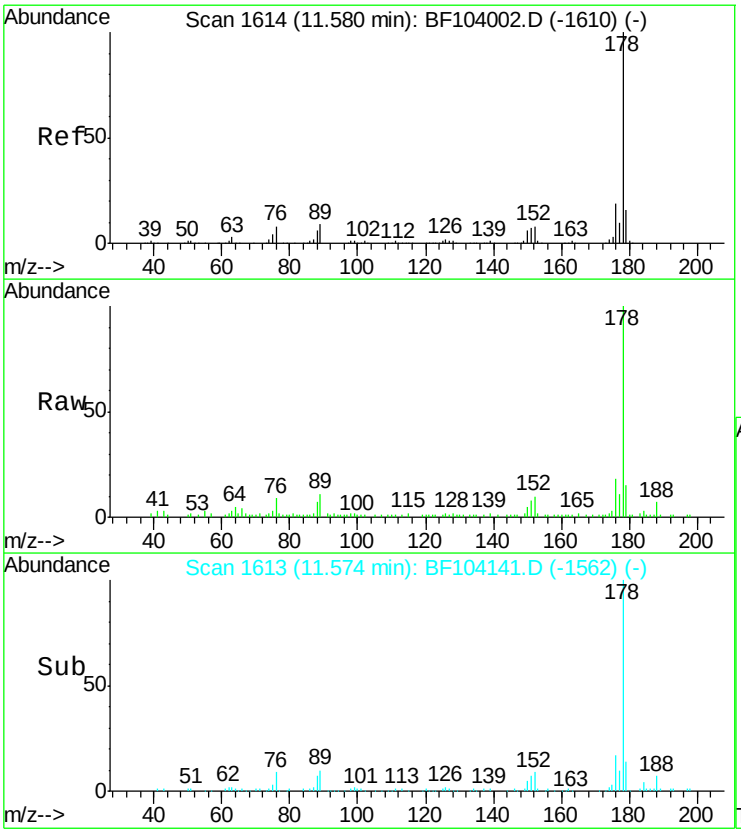
#70
Phenanthrene
Concen: 16.860 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion:178 Resp: 313252

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.7	13.0	19.6

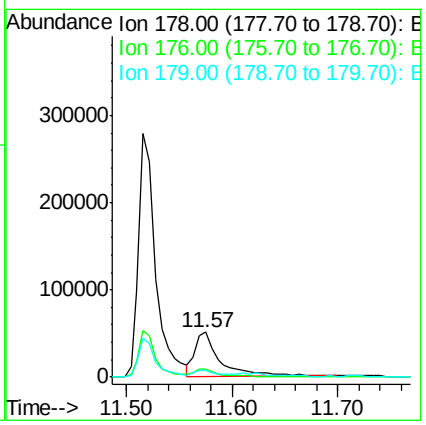


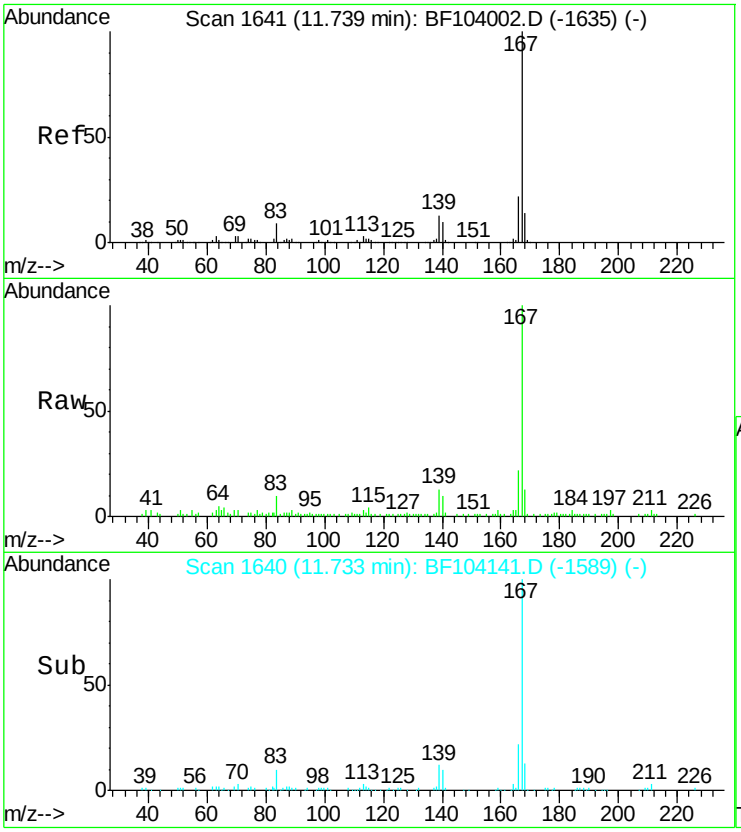


#71
Anthracene
Concen: 4.273 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.00 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Tgt Ion:178 Resp: 82920

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	14.9	12.6	19.0



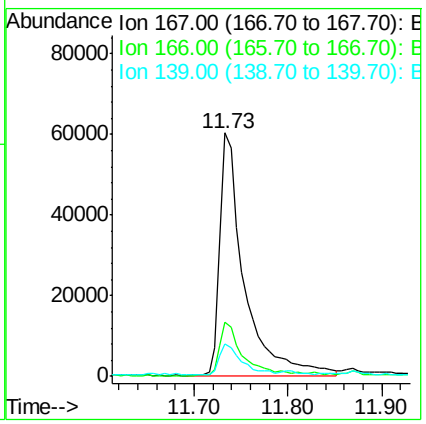


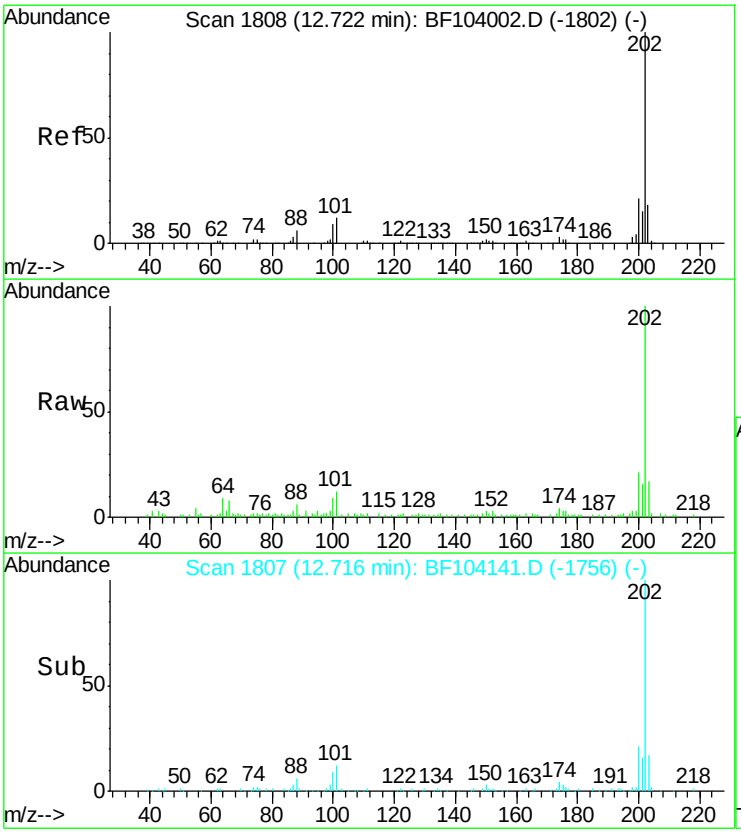
#72
Carbazole
Concen: 5.968 ng
RT: 11.73 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion:167 Resp: 110548

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.4	10.9	16.3

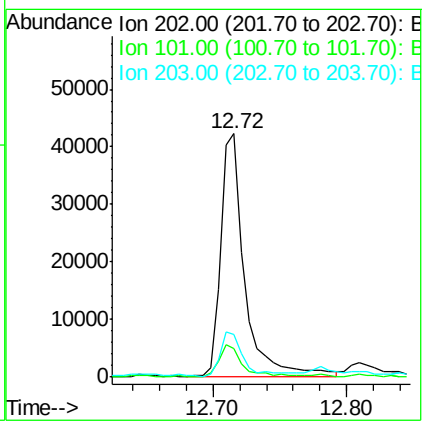


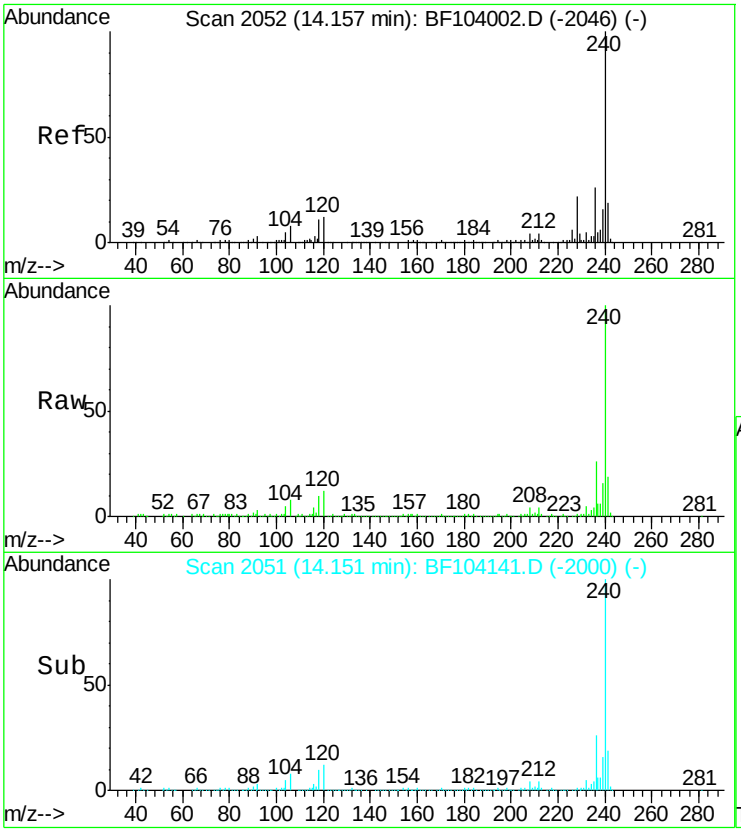


#74
Fluoranthene
Concen: 2.739 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Tgt Ion:202 Resp: 54100

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.4	0.0	38.1



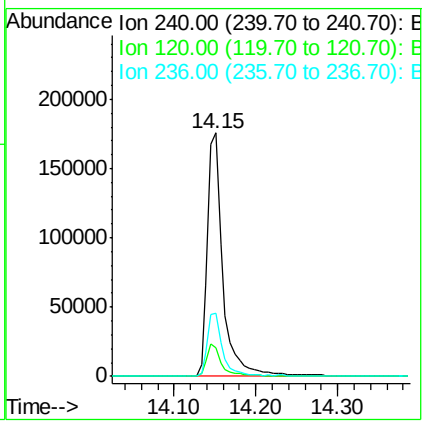


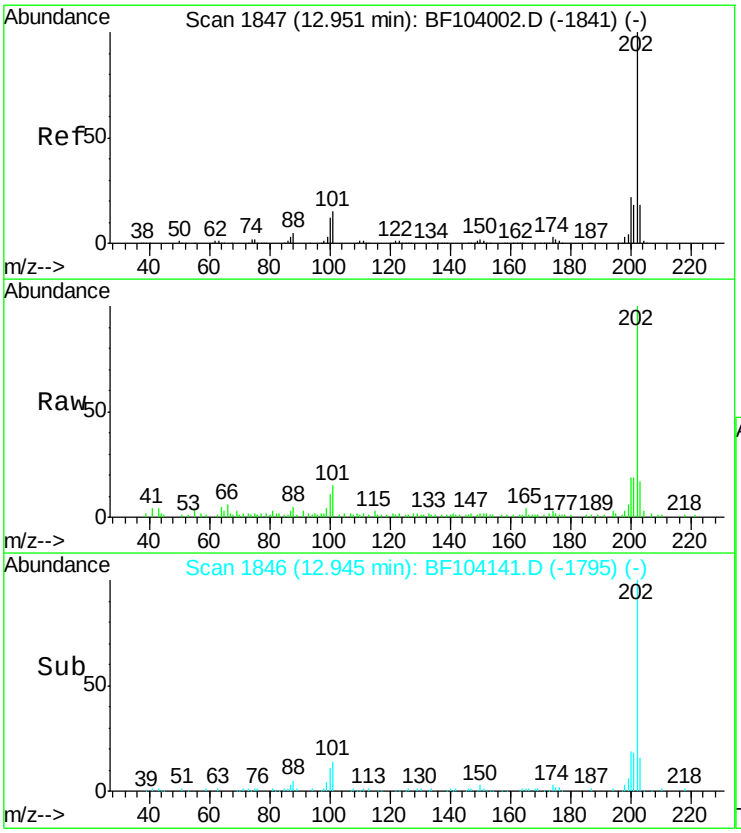
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion:240 Resp: 230912

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.8	20.7	31.1

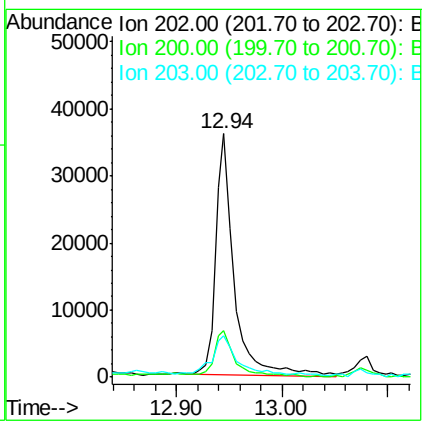


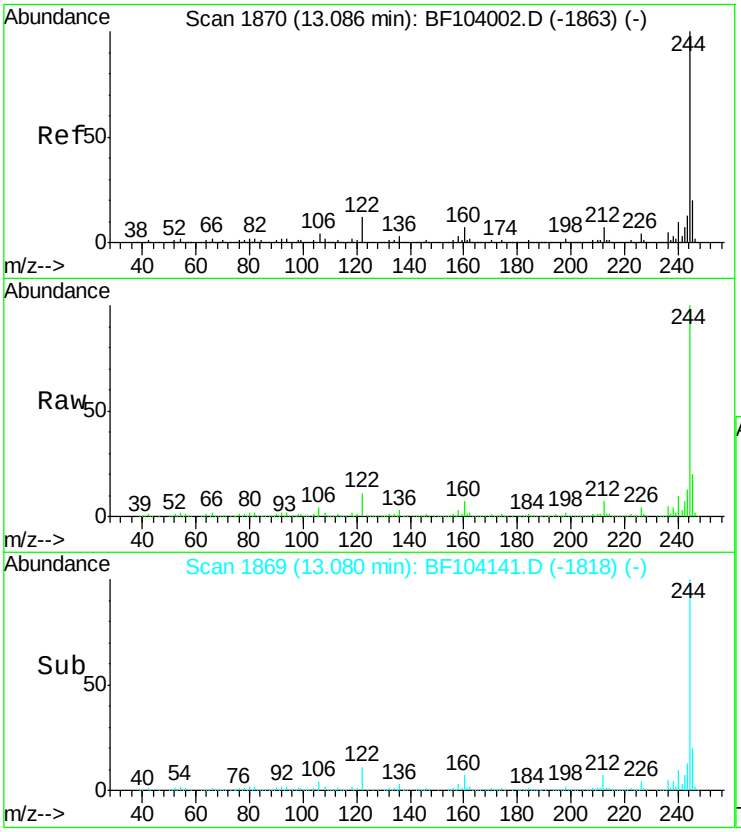


#77
Pyrene
Concen: 2.644 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Tgt Ion:202 Resp: 43888

Ion	Ratio	Lower	Upper
202	100		
200	19.2	17.4	26.2
203	17.0	14.3	21.5



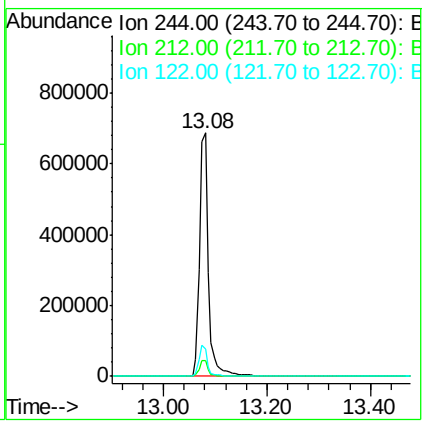


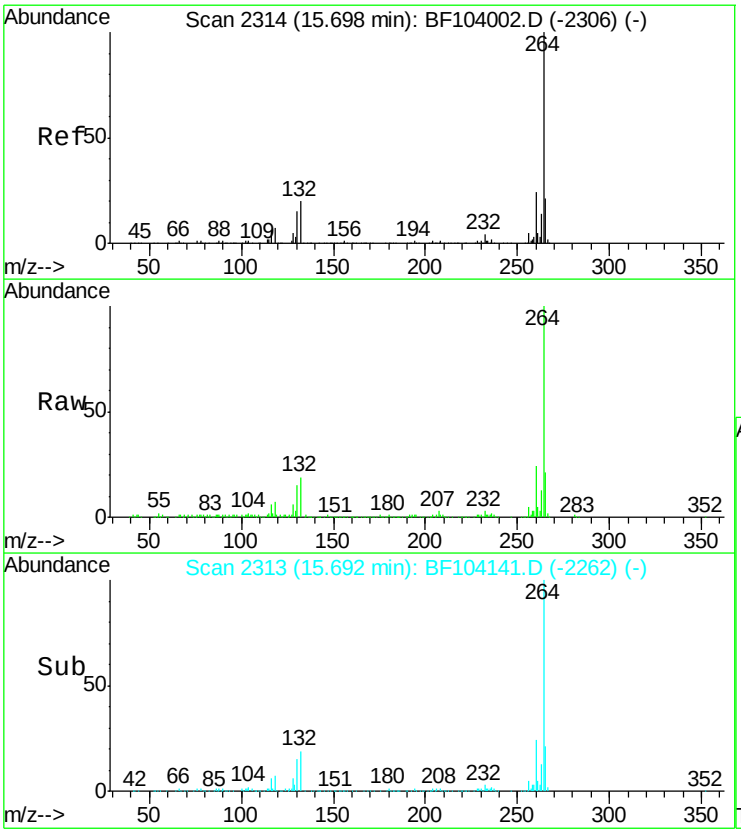
#78
Terphenyl-d14
Concen: 81.744 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BF104141.D
Acq: 2 Apr 2018 17:52

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion:244 Resp: 817503

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.1	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: BF104141.D
Acq: 2 Apr 2018 17:52

Tgt Ion:264 Resp: 235507

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.9	17.5	26.3