Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF060315\
Data File : BF079678.D
Acq On : 4 Jun 2015 00:38
Operator : TP/IZ
Sample : G2408-23 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15D

Quant Time: Jun 04 03:54:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 15:20:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	77110	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	296764	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	142689	20.00	ng	0.00
63) Phenanthrene-d10	12.10	188	296035	20.00	ng	-0.03
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.38
86) Perylene-d12	17.49	264	1517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	75031	18.11	ng	0.00
7) Phenol-d6	7.11	99	100464	16.40	ng	0.00
23) Nitrobenzene-d5	8.07	82	49780	8.38	ng	-0.01
41) 2,4,6-Tribromophenol	11.38	330	16517	14.03	ng	-0.01
44) 2-Fluorobiphenyl	9.88	172	139270	8.90	ng	0.00
78) Terphenyl-d14	13.78	244	157463	0.00	ng	-0.17
Target Compounds						Qvalue
25) Isophorone	8.07	82	48731	4.82	ng	# 65
56) 2,4-Dinitrotoluene	10.59	165	17897	12.48	ng	# 32
70) Phenanthrene	12.12	178	72023	4.40	ng	97
74) Fluoranthene	13.38	202	106549	6.04	ng	97
87) Benzo(b)fluoranthene	16.91	252	42467	541.73	ng	# 87
88) Benzo(k)fluoranthene	16.91	252	42467	462.38	ng	# 85
89) Benzo(a)pyrene	17.38	252	398	5.19	ng	# 1
90) Dibenzo(a,h)anthracene	19.55	278	636	8.86	ng	# 1
91) Benzo(g,h,i)perylene	20.19	276	340	4.46	ng	# 1

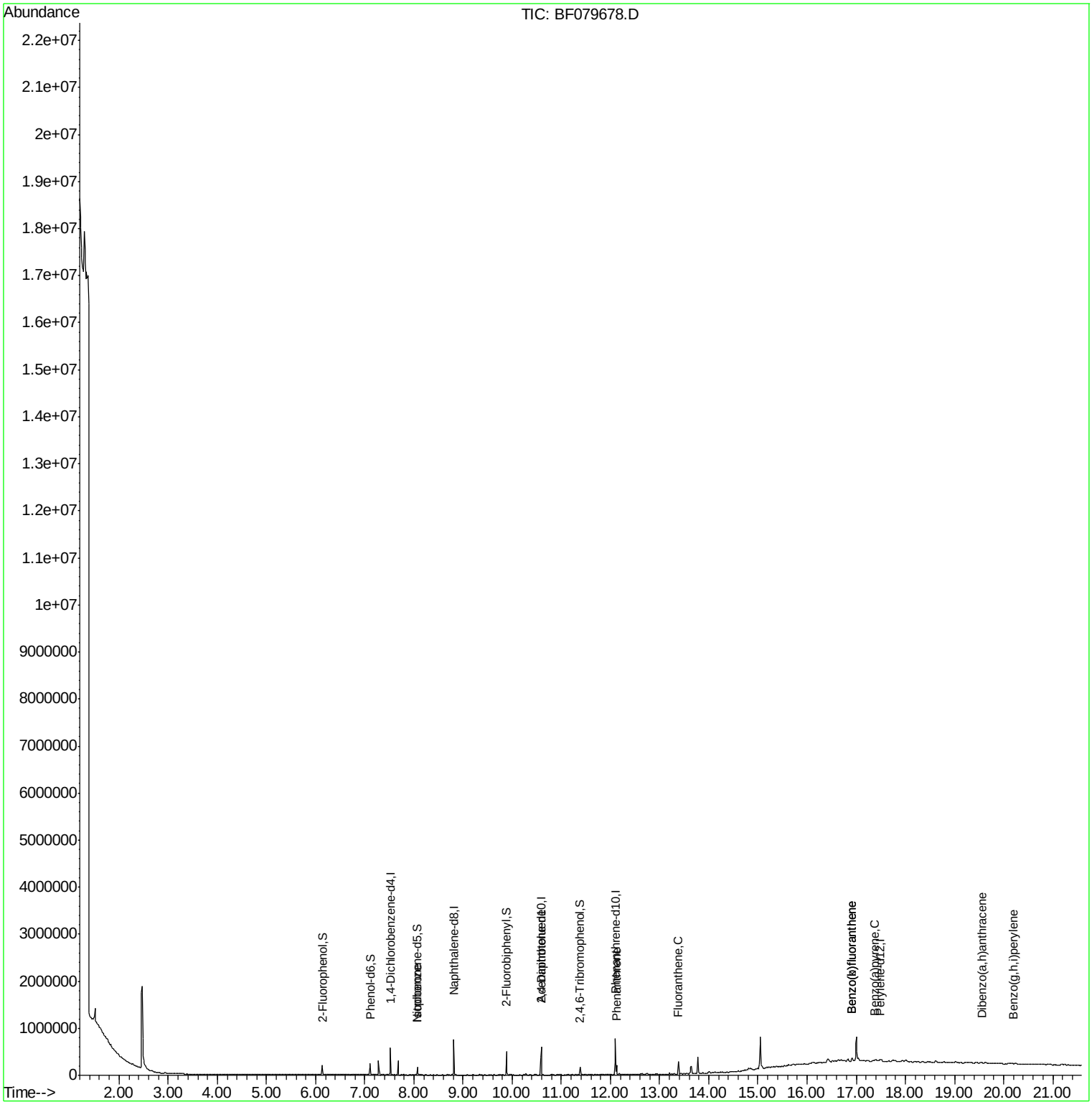
(#) = qualifier out of range (m) = manual integration (+) = signals summed

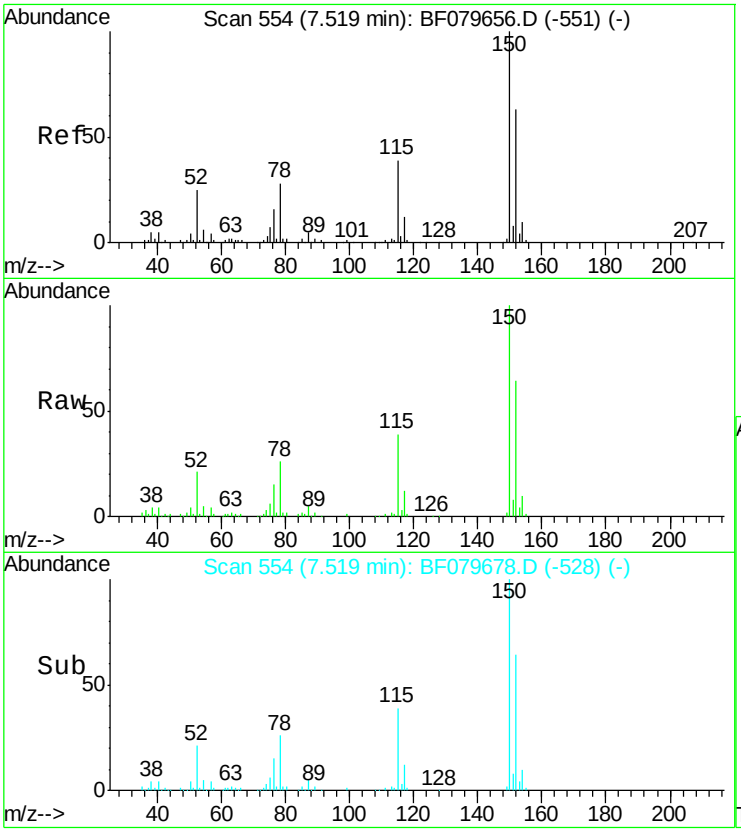
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF060315\
Data File : BF079678.D
Acq On : 4 Jun 2015 00:38
Operator : TP/IZ
Sample : G2408-23 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15D

Quant Time: Jun 04 03:54:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 15:20:47 2015
Response via : Initial Calibration



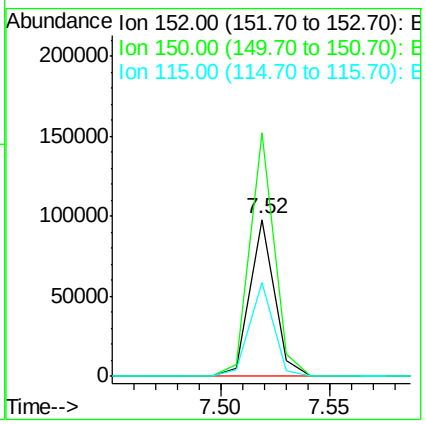


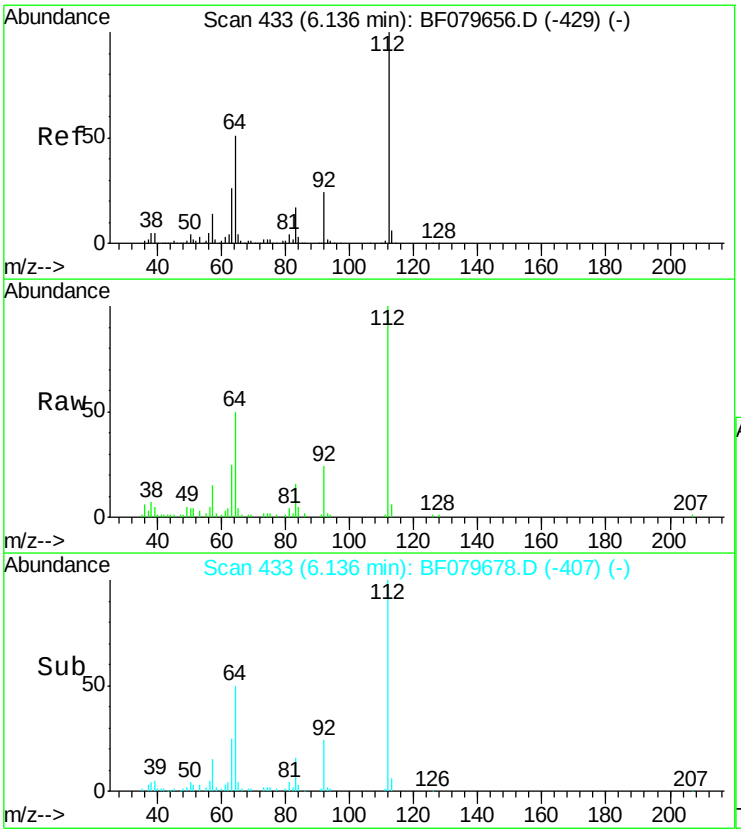
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SB-15D

Tgt Ion:152 Resp: 77110

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.7	190.1
115	59.9	49.2	73.8

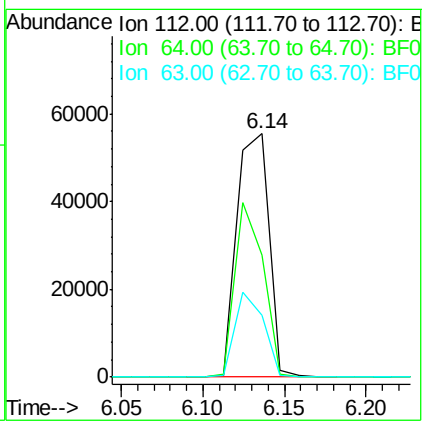


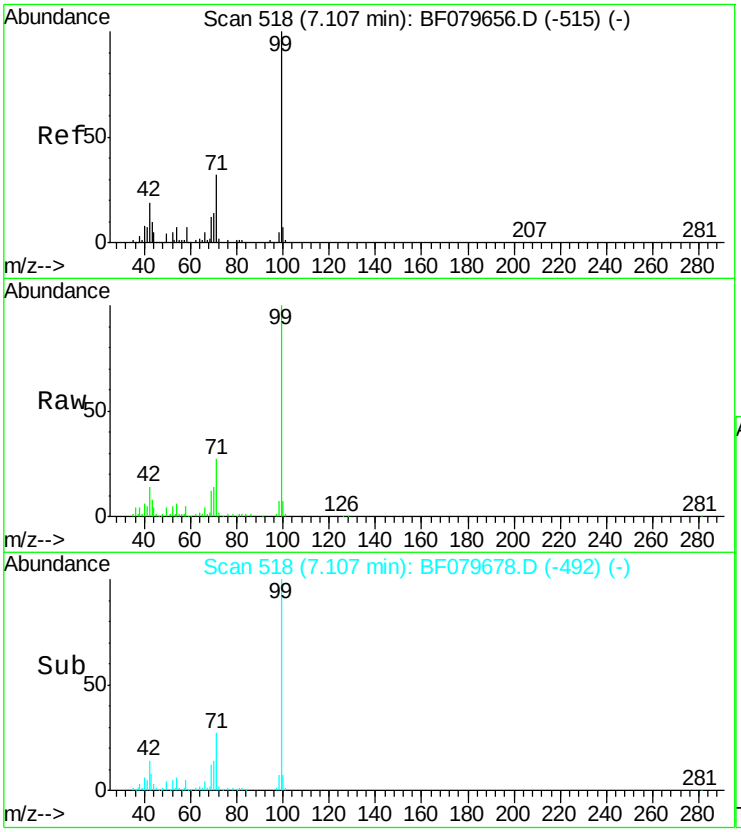


#5
2-Fluorophenol
Concen: 18.11 ng
RT: 6.14 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Tgt Ion:112 Resp: 75031

Ion	Ratio	Lower	Upper
112	100		
64	50.3	41.1	61.7
63	25.2	20.5	30.7



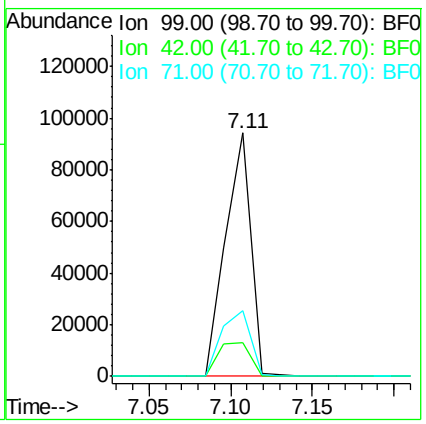


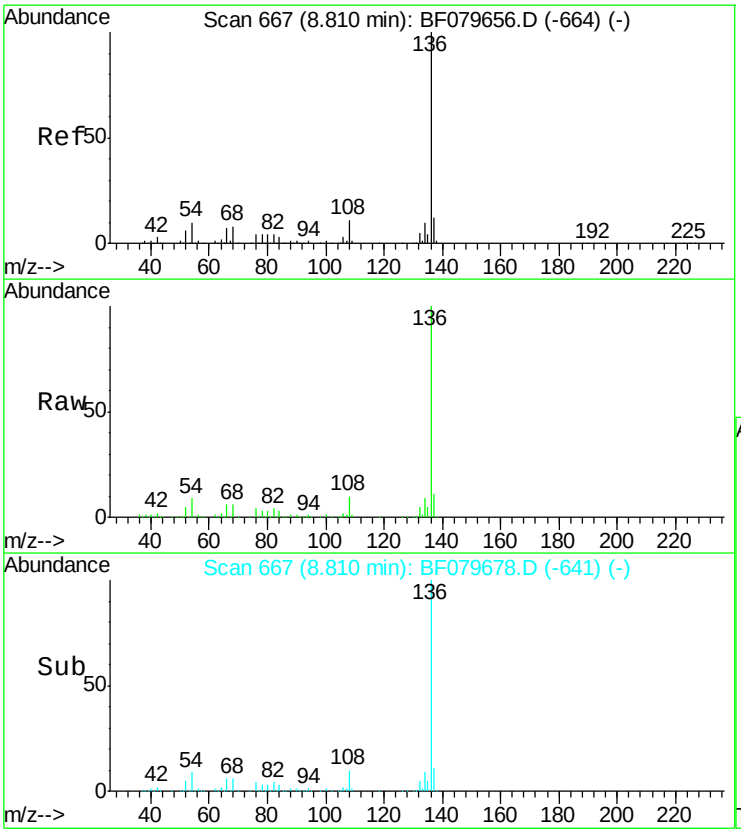
#7
Phenol-d6
Concen: 16.40 ng
RT: 7.11 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SB-15D

Tgt Ion: 99 Resp: 100464

Ion	Ratio	Lower	Upper
99	100		
42	13.8	15.2	22.8#
71	27.2	25.9	38.9

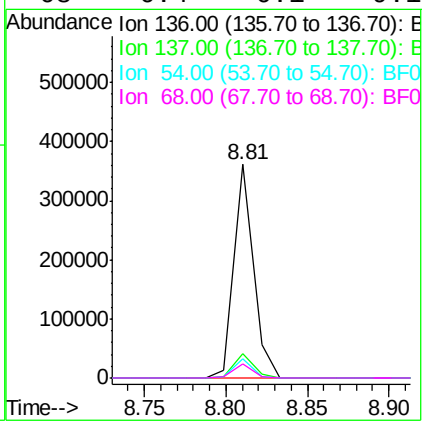


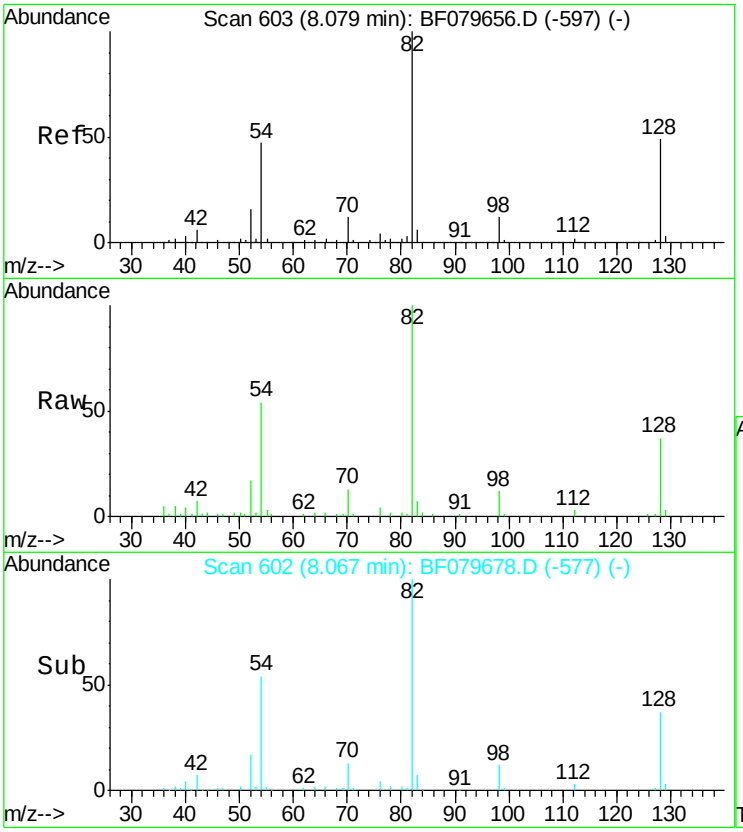


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.81 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Tgt Ion:136 Resp: 296764

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	9.3	8.3	12.5
68	6.4	6.1	9.1



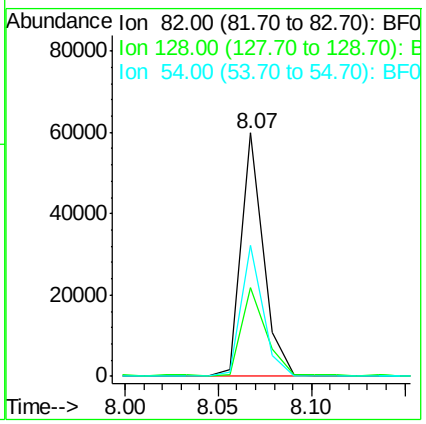


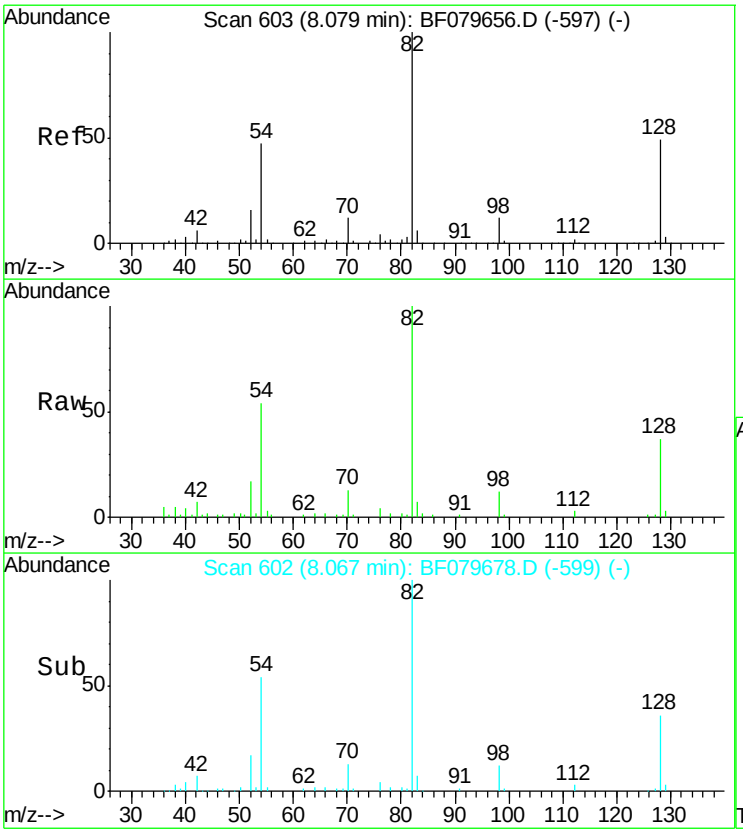
#23
Nitrobenzene-d5
Concen: 8.38 ng
RT: 8.07 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SB-15D

Tgt Ion: 82 Resp: 49780

Ion	Ratio	Lower	Upper
82	100		
128	36.7	39.4	59.0#
54	53.6	37.4	56.0

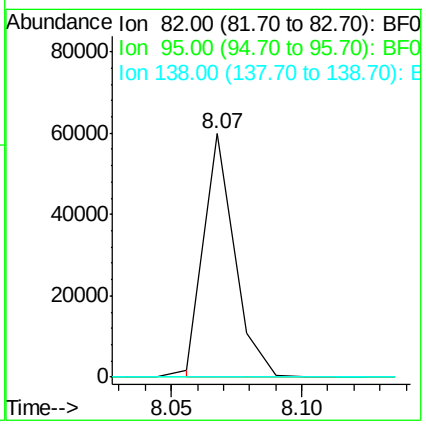


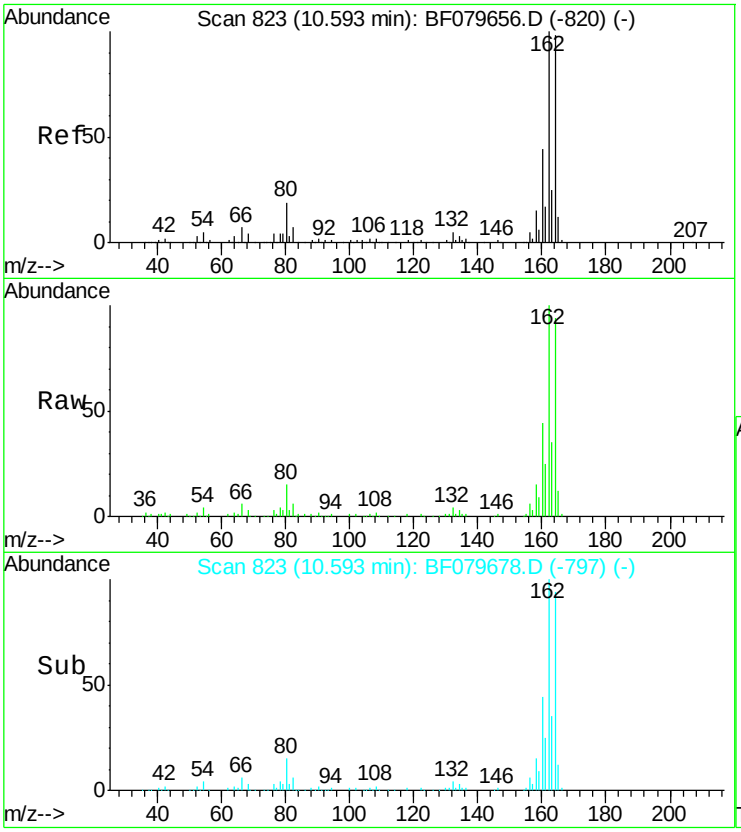


#25
Isophorone
Concen: 4.82 ng
RT: 8.07 min Scan# 602
Delta R.T. -0.26 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Tgt Ion: 82 Resp: 48731

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.4	21.6#



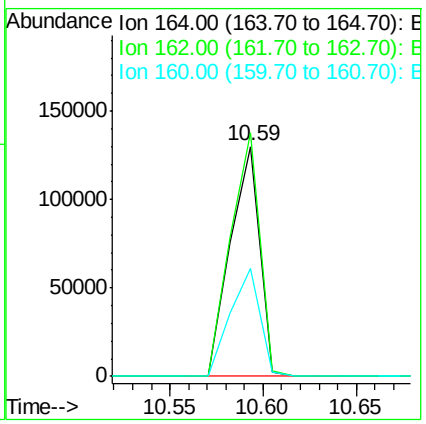


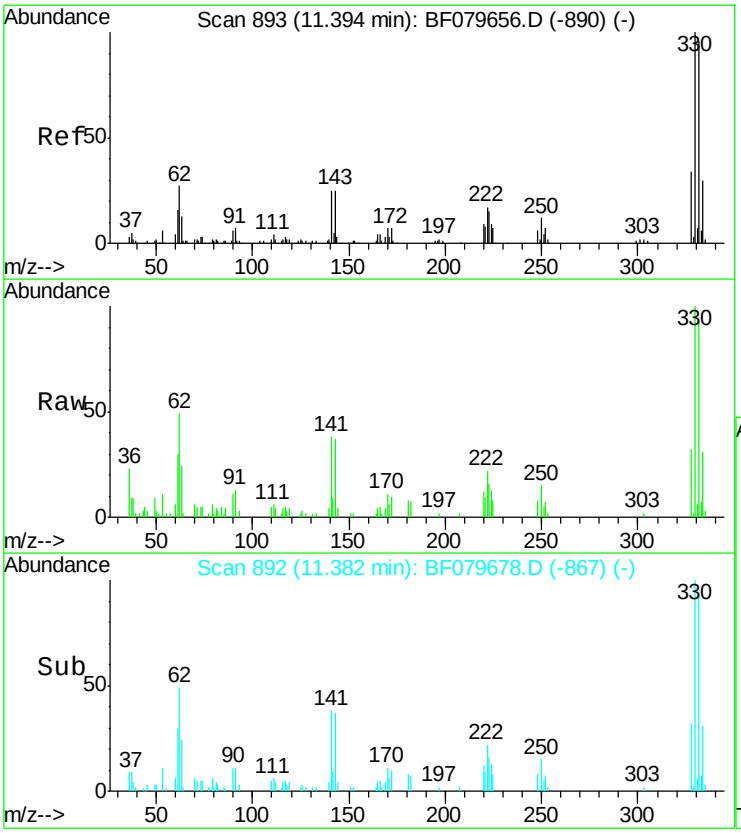
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SB-15D

Tgt Ion:164 Resp: 142689

Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.0	123.0
160	47.1	35.9	53.9

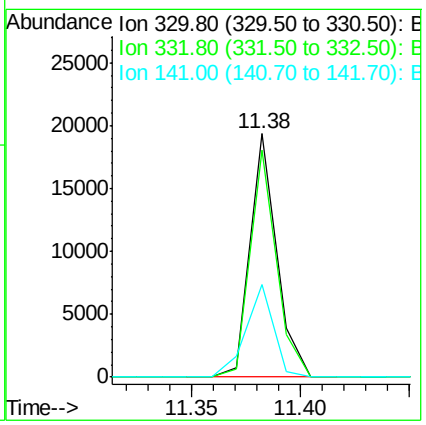


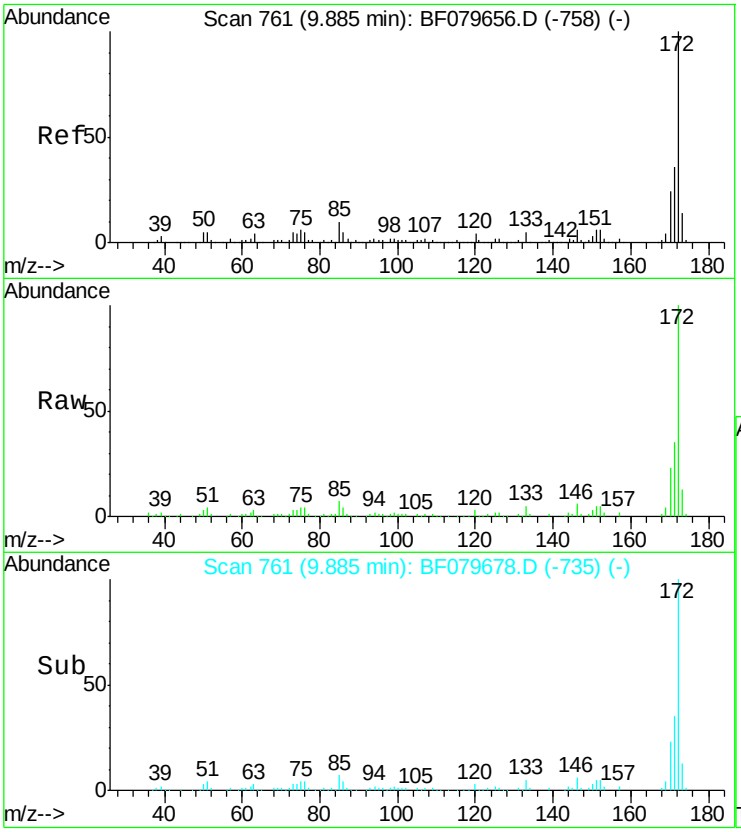


#41
2,4,6-Tribromophenol
Concen: 14.03 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Tgt Ion:330 Resp: 16517

Ion	Ratio	Lower	Upper
330	100		
332	92.0	77.3	115.9
141	39.6	27.4	41.2



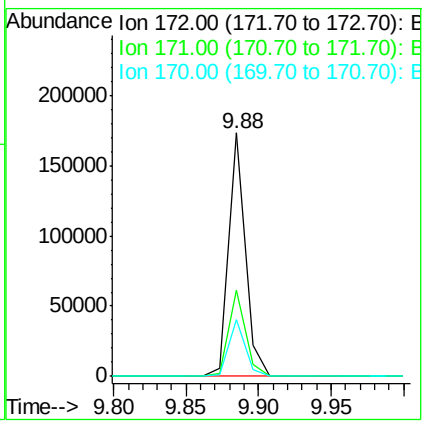


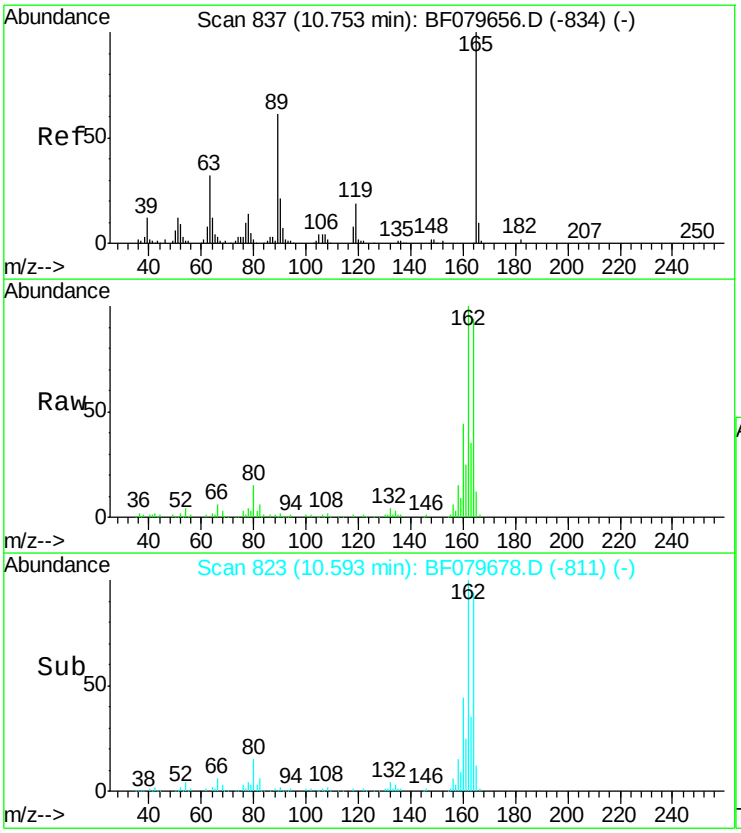
#44
2-Fluorobiphenyl
Concen: 8.90 ng
RT: 9.88 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SB-15D

Tgt Ion:172 Resp: 139270

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.8	43.2
170	23.2	19.2	28.8

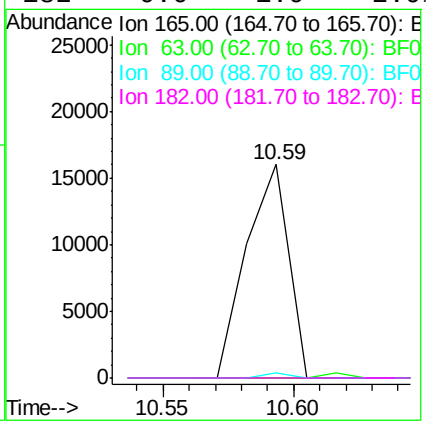


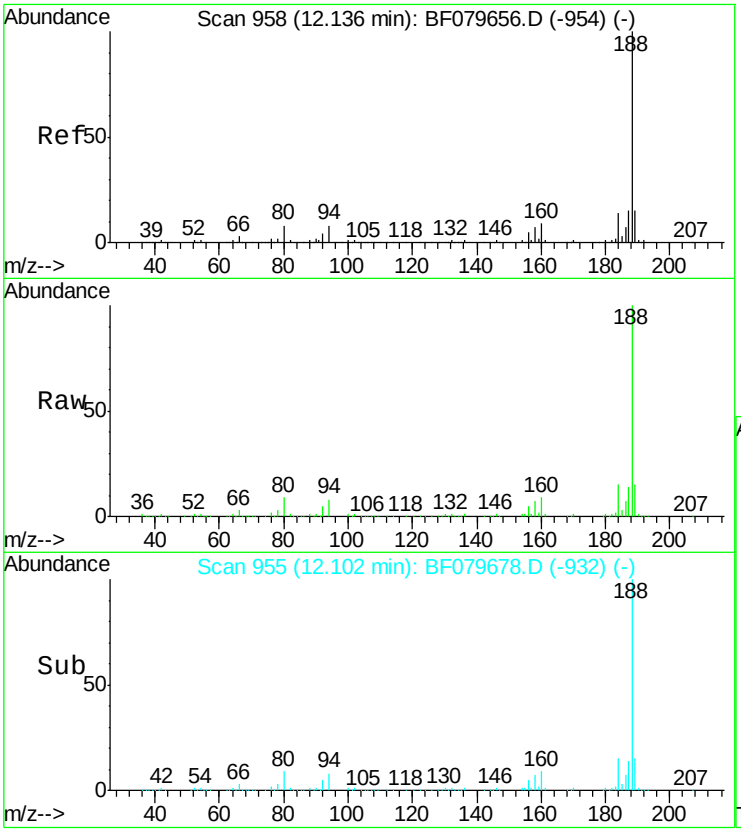


#56
2,4-Dinitrotoluene
Concen: 12.48 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.16 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Tgt Ion:165 Resp: 17897

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.5	38.3#
89	2.4	48.5	72.7#
182	0.0	1.9	2.9#



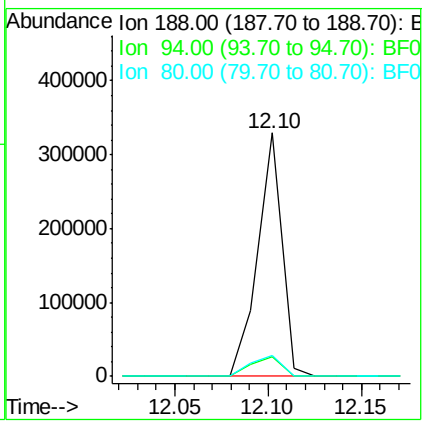


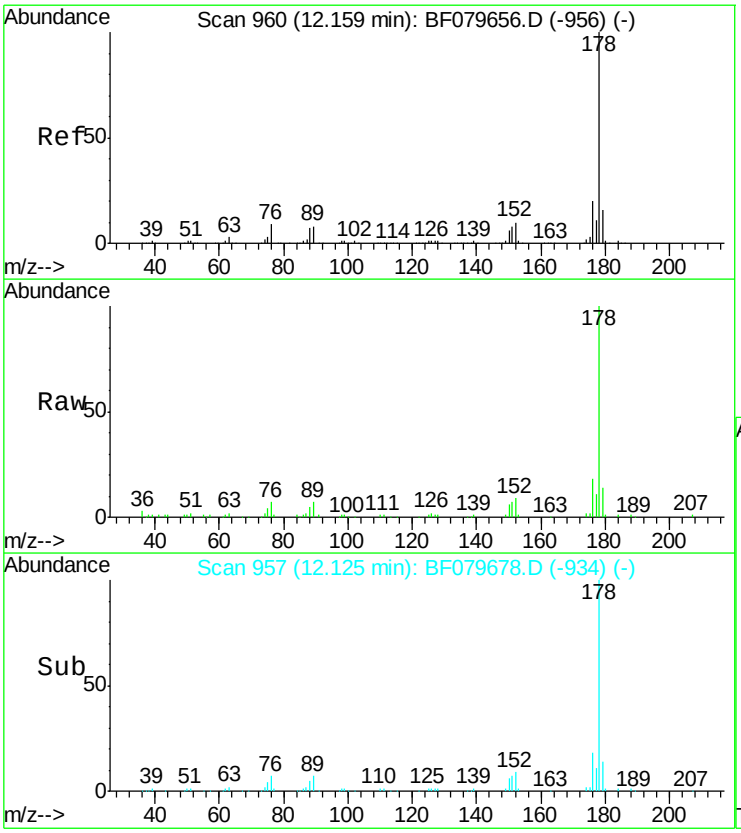
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.10 min Scan# 955
Delta R.T. -0.03 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SB-15D

Tgt Ion:188 Resp: 296035

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.1	9.1
80	8.5	6.2	9.2

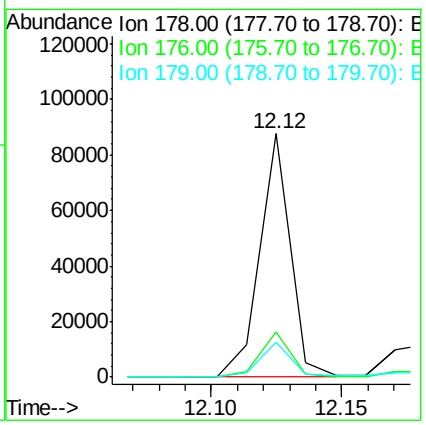


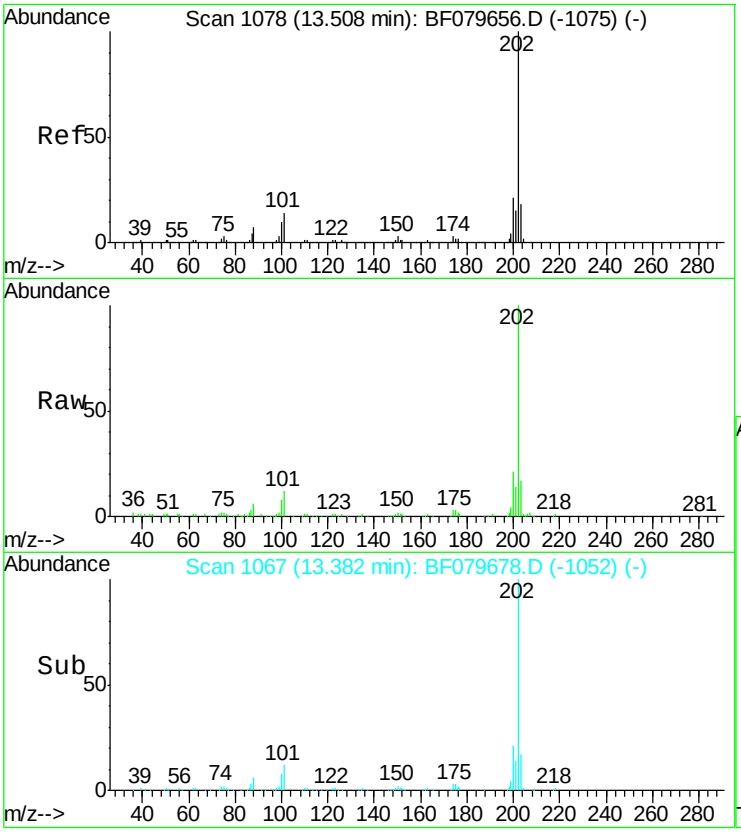


#70
Phenanthrene
Concen: 4.40 ng
RT: 12.12 min Scan# 957
Delta R.T. -0.03 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Tgt Ion:178 Resp: 72023

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	14.5	12.7	19.1



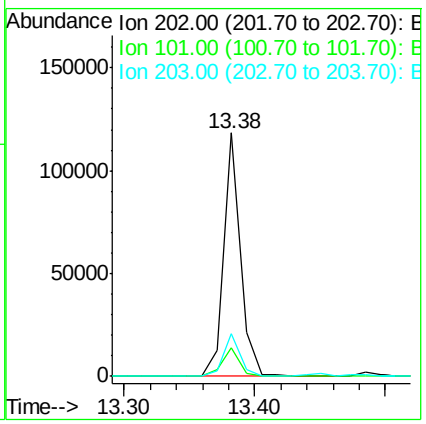


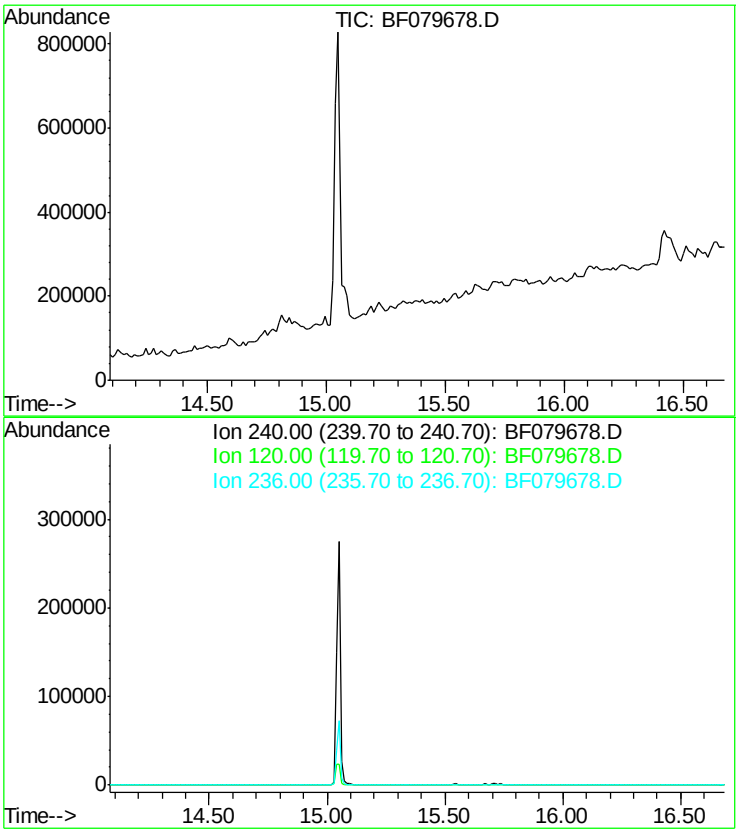
#74
Fluoranthene
Concen: 6.04 ng
RT: 13.38 min Scan# 1067
Delta R.T. -0.13 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SB-15D

Tgt Ion:202 Resp: 106549

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.0
203	17.4	0.0	37.9



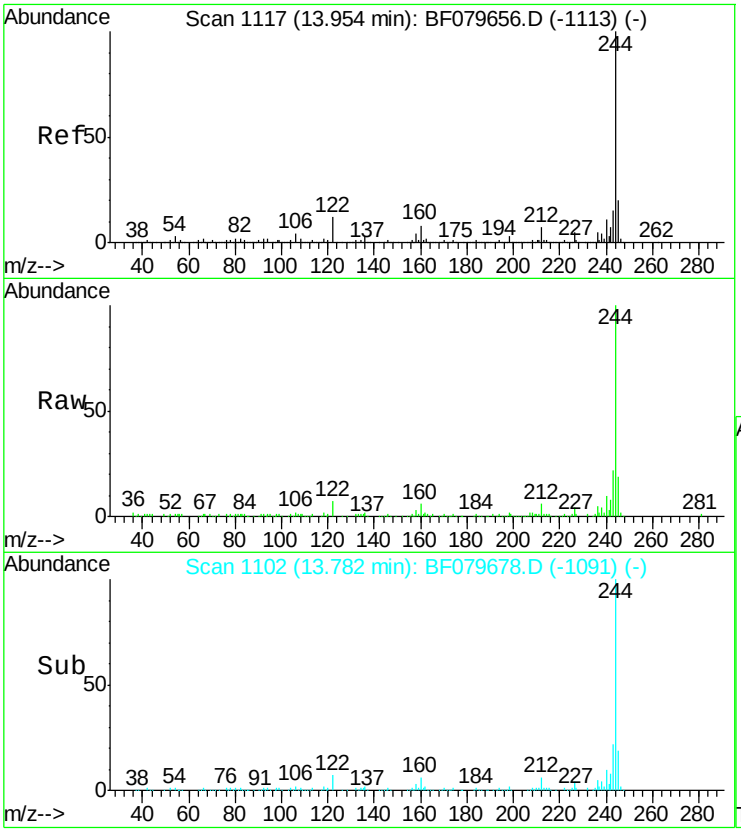


#75
Chrysene-d12
Concen: 0.00 ng
Expected RT: 15.38 min

Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	8.0
236	25.3

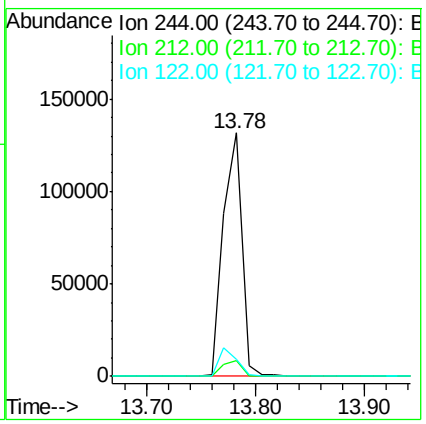


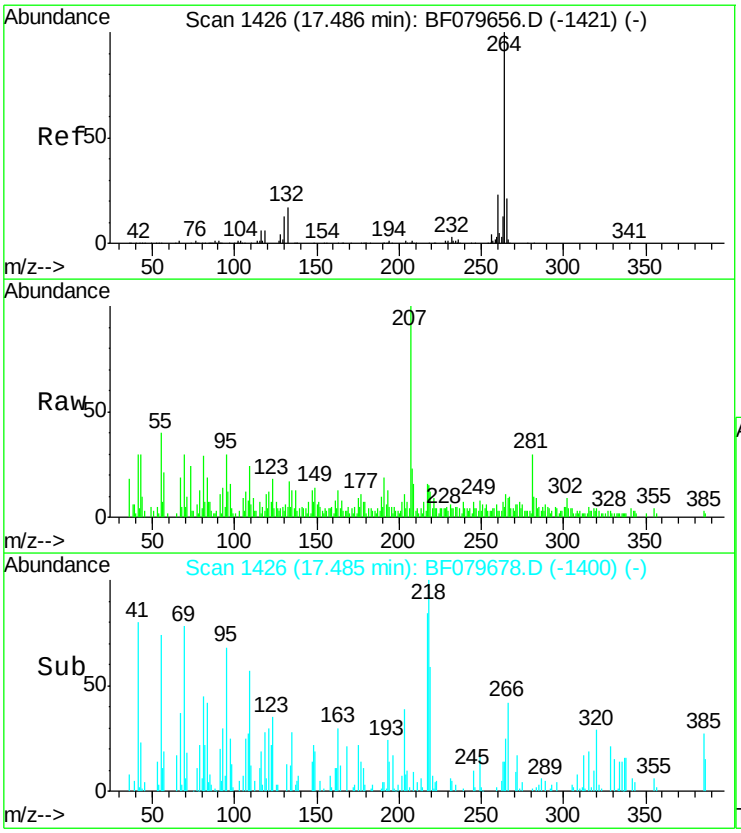
#78
Terphenyl-d14
Concen: 0.00 ng
RT: 13.78 min Scan# 1102
Delta R.T. -0.17 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SB-15D

Tgt Ion:244 Resp: 157463

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.9	8.9
122	7.0	9.8	14.6#

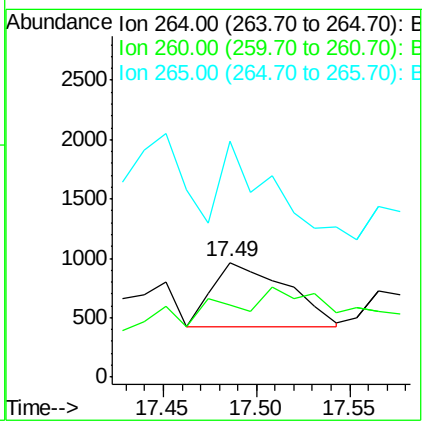


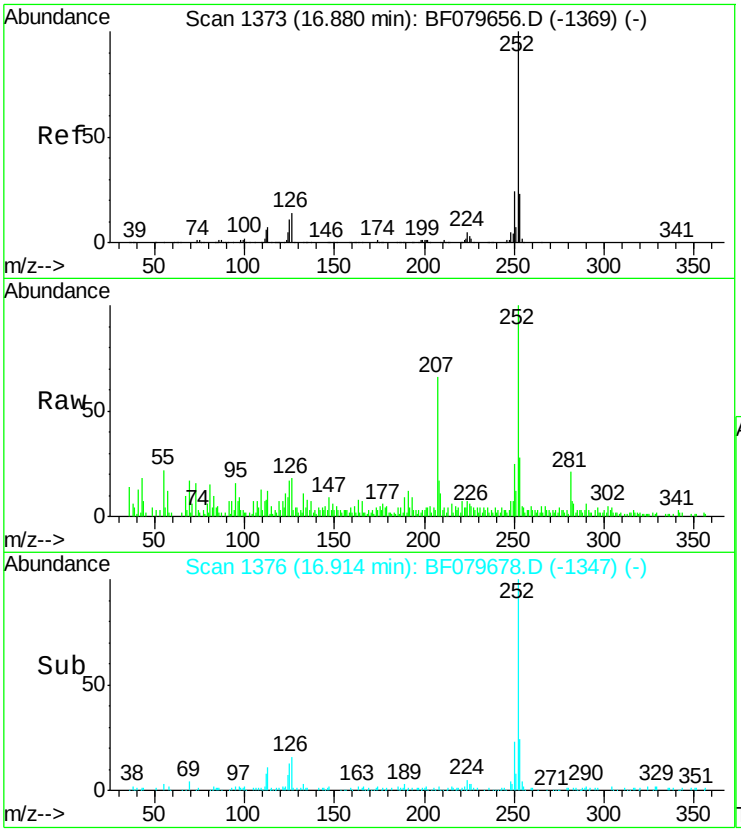


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.49 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Tgt Ion:264 Resp: 1517

Ion	Ratio	Lower	Upper
264	100		
260	62.6	18.8	28.2#
265	204.9	17.4	26.0#



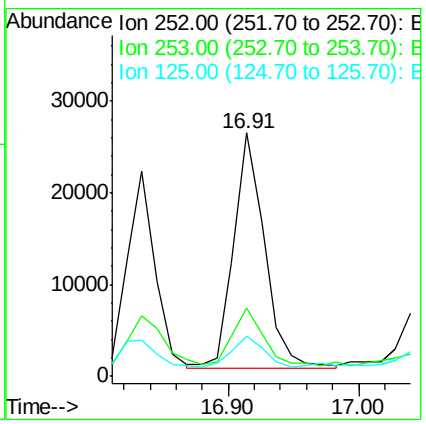


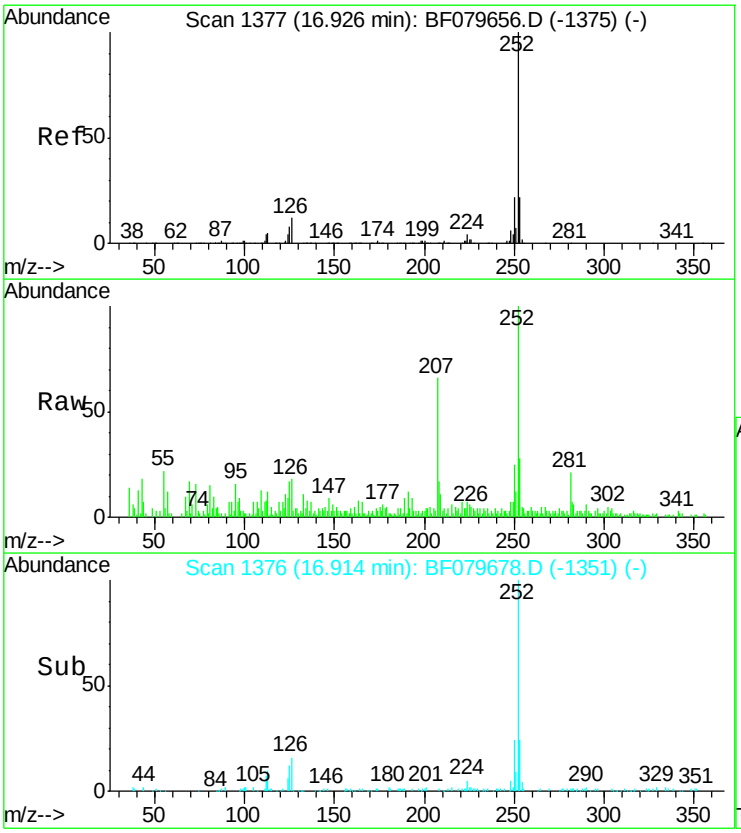
#87
Benzo(b)fluoranthene
Concen: 541.73 ng
RT: 16.91 min Scan# 1376
Delta R.T. 0.03 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SB-15D

Tgt Ion:252 Resp: 42467

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.0	27.0#
125	16.7	8.7	13.1#

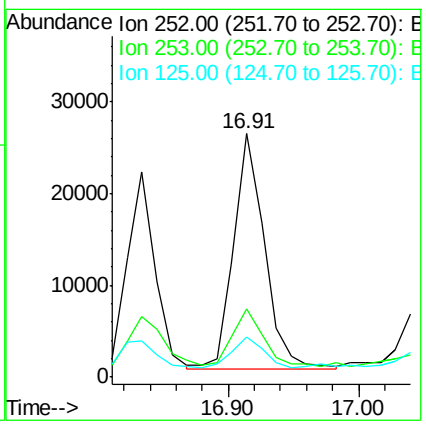


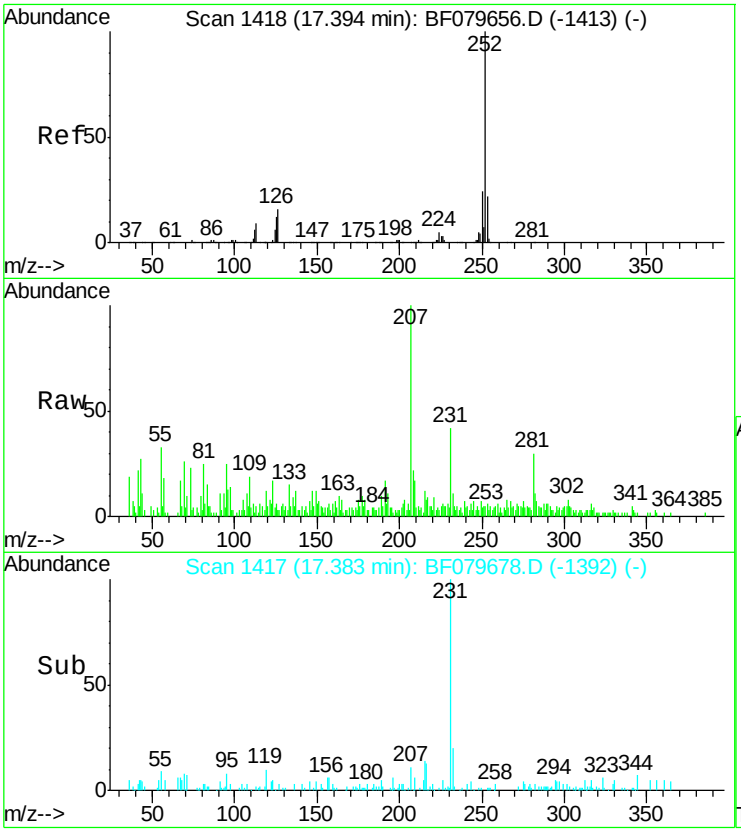


#88
Benzo(k)fluoranthene
Concen: 462.38 ng
RT: 16.91 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Tgt Ion:252 Resp: 42467

Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.4	26.2#
125	16.7	7.1	10.7#



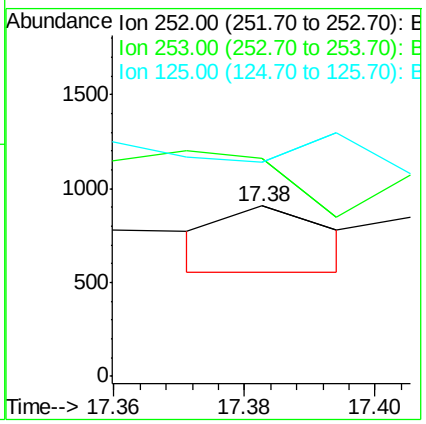


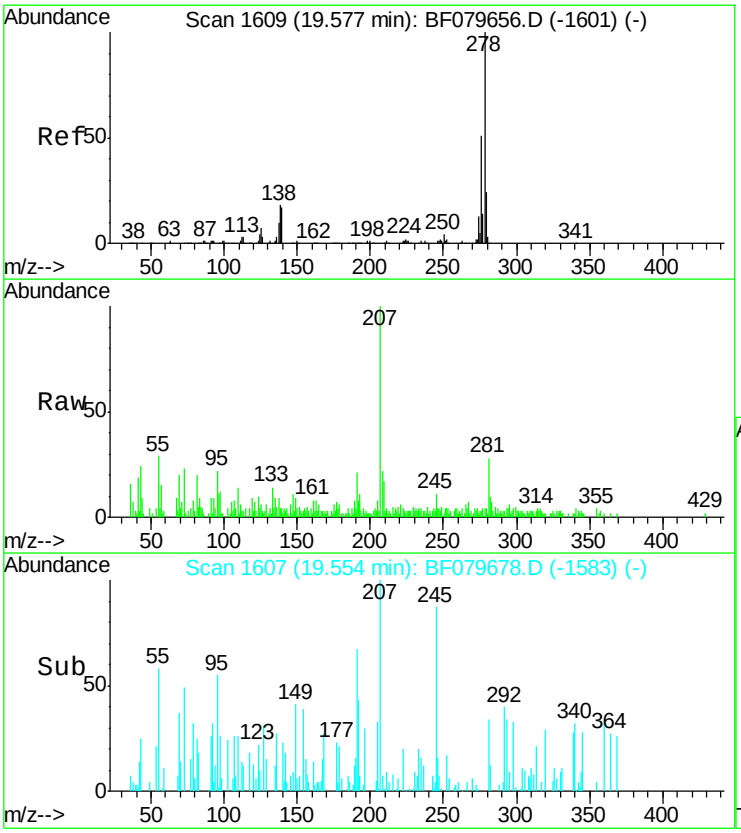
#89
Benzo(a)pyrene
Concen: 5.19 ng
RT: 17.38 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SB-15D

Tgt Ion:252 Resp: 398

Ion	Ratio	Lower	Upper
252	100		
253	127.8	17.9	26.9#
125	125.7	9.4	14.0#

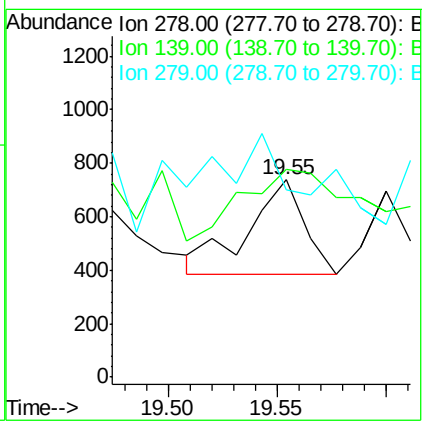


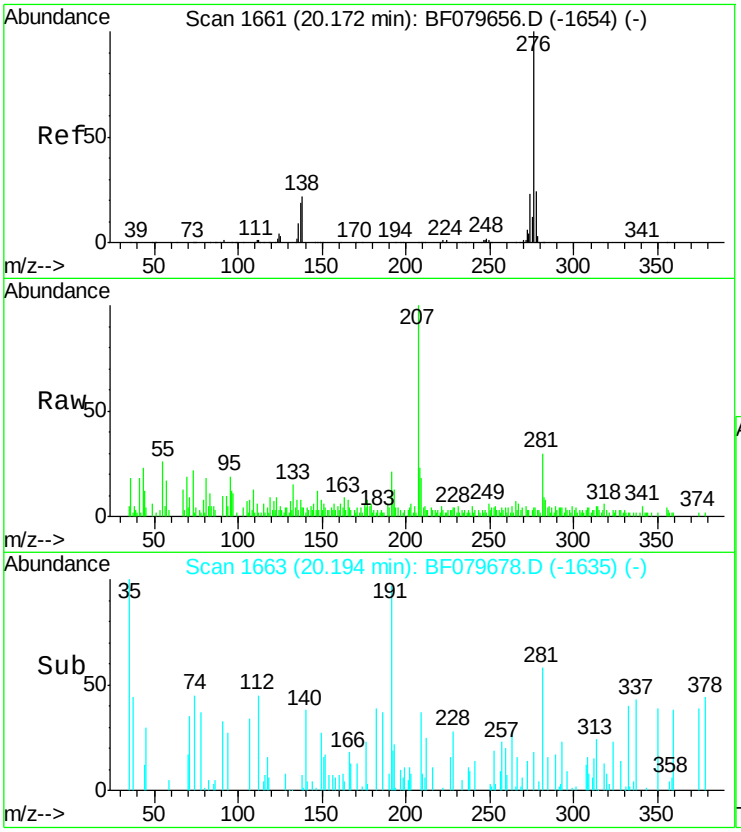


#90
Dibenzo(a,h)anthracene
Concen: 8.86 ng
RT: 19.55 min Scan# 1607
Delta R.T. -0.02 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Tgt Ion:278 Resp: 636

Ion	Ratio	Lower	Upper
278	100		
139	105.2	13.7	20.5#
279	95.1	19.6	29.4#





#91
Benzo(g,h,i)perylene
Concen: 4.46 ng
RT: 20.19 min Scan# 1663
Delta R.T. 0.02 min
Lab File: BF079678.D
Acq: 4 Jun 2015 00:38

Instrument :
BNA_F
ClientSampleId :
SB-15D

Tgt Ion:276 Resp: 340

Ion	Ratio	Lower	Upper
276	100		
277	100.9	19.1	28.7#
138	91.7	17.4	26.0#