

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
 Data File : BF077445.D
 Acq On : 25 Feb 2015 20:43
 Operator : IZ / TP
 Sample : G1358-03
 Misc : S/DOD
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-12-8

Quant Time: Feb 26 03:40:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 03:18:41 2015
 Response via : Initial Calibration

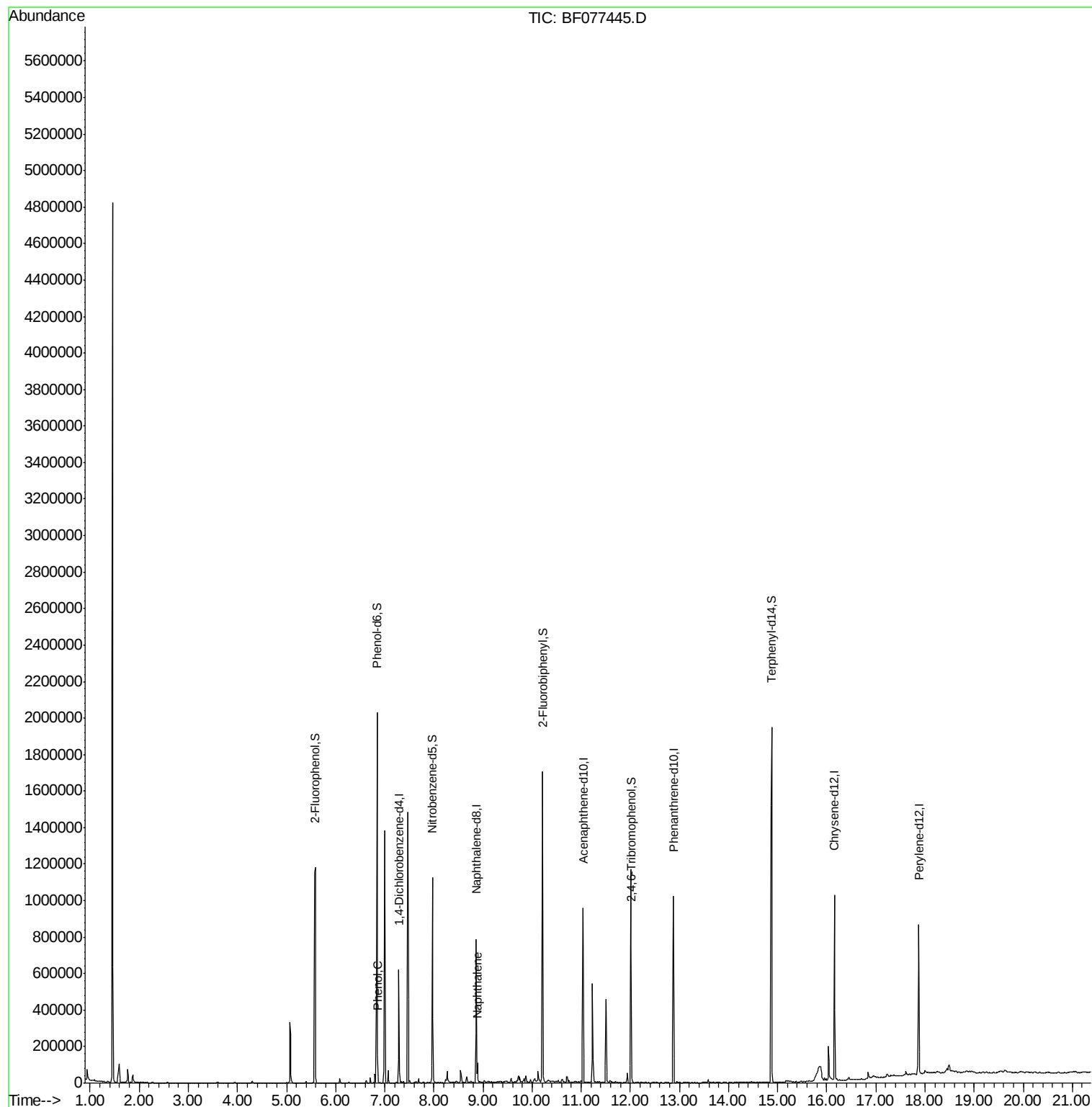
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	95541	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	373666	20.00	ng	0.00
38) Acenaphthene-d10	11.04	164	196055	20.00	ng	0.00
63) Phenanthrene-d10	12.88	188	384888	20.00	ng	-0.01
75) Chrysene-d12	16.16	240	419826	20.00	ng	-0.02
86) Perylene-d12	17.87	264	411007	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	507691	88.71	ng	0.00
7) Phenol-d6	6.84	99	662206	89.99	ng	0.00
23) Nitrobenzene-d5	7.97	82	363014	60.41	ng	-0.01
41) 2,4,6-Tribromophenol	12.02	330	178980	94.81	ng	0.00
44) 2-Fluorobiphenyl	10.21	172	765521	60.88	ng	0.00
78) Terphenyl-d14	14.88	244	892120	49.68	ng	0.00
Target Compounds						
10) Phenol	6.85	94	21373	2.45	ng	Qvalue 87
31) Naphthalene	8.89	128	44616	2.39	ng	100

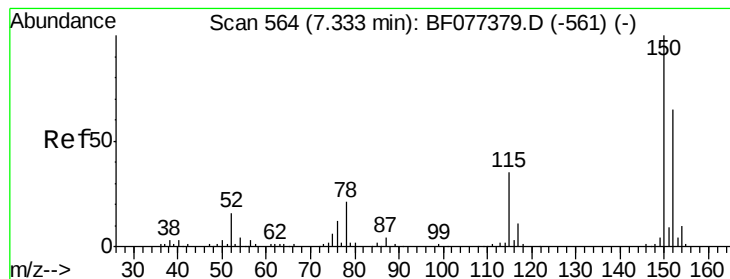
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF077445.D

Acq: 25 Feb 2015 20:43

Instrument :

BNA_F

ClientSampleId :

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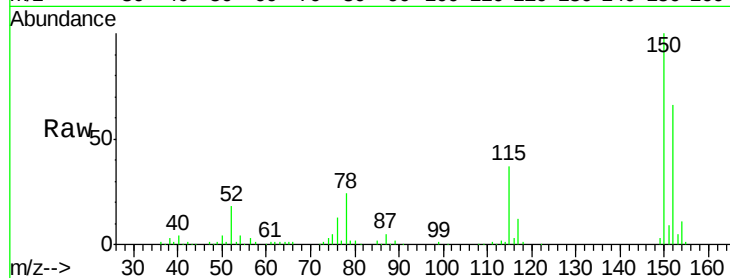
Tgt Ion:152 Resp: 95541

Ion Ratio Lower Upper

152 100

150 151.9 124.0 186.0

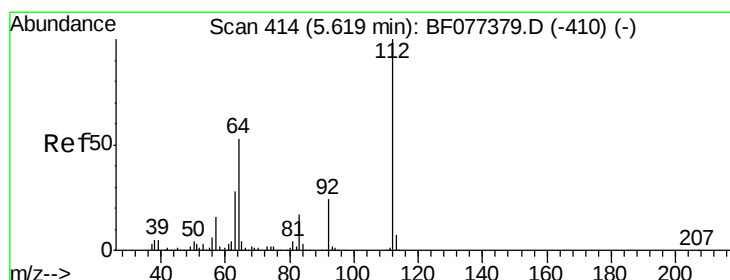
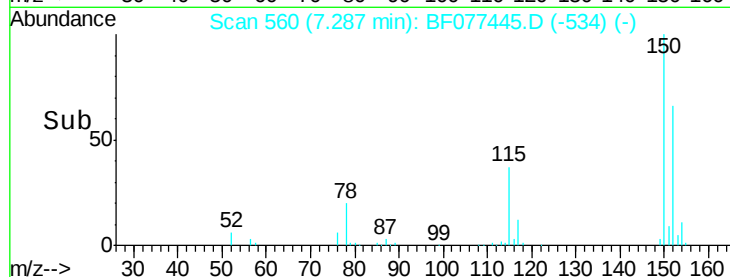
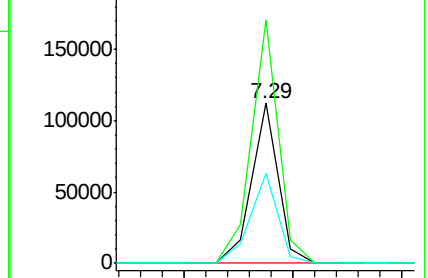
115 56.3 49.4 74.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 88.71 ng

RT: 5.58 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF077445.D

Acq: 25 Feb 2015 20:43

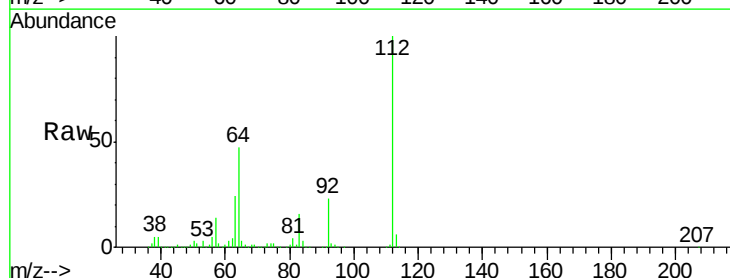
Tgt Ion:112 Resp: 507691

Ion Ratio Lower Upper

112 100

64 47.3 48.5 72.7#

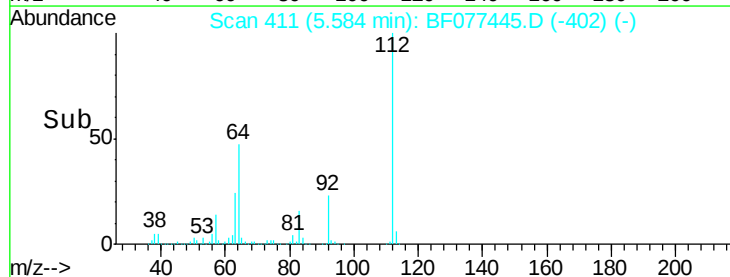
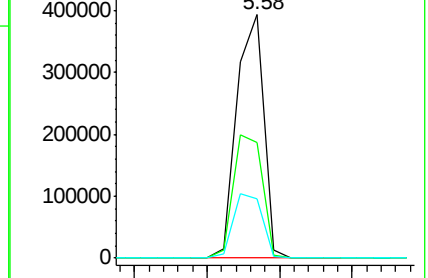
63 24.1 25.0 37.4#

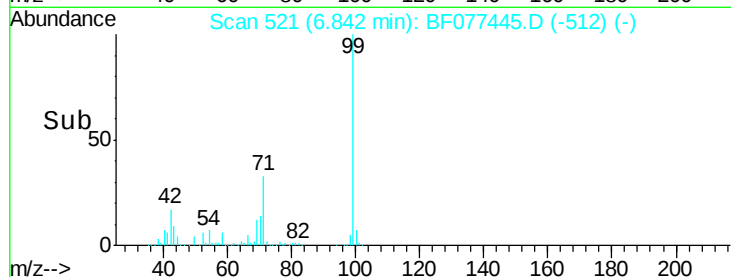
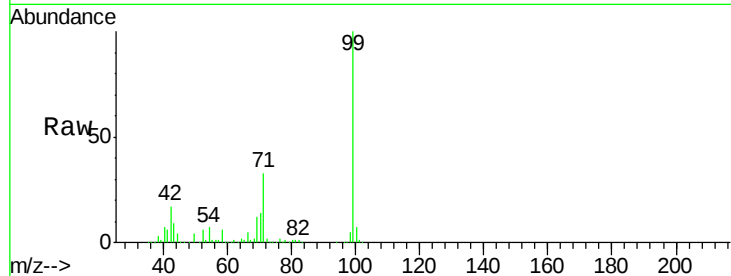


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.99 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077445.D

Acq: 25 Feb 2015 20:43

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-8

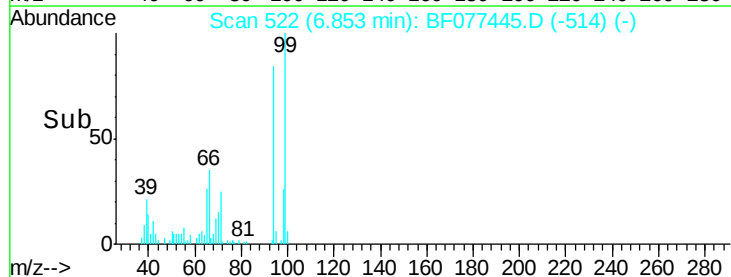
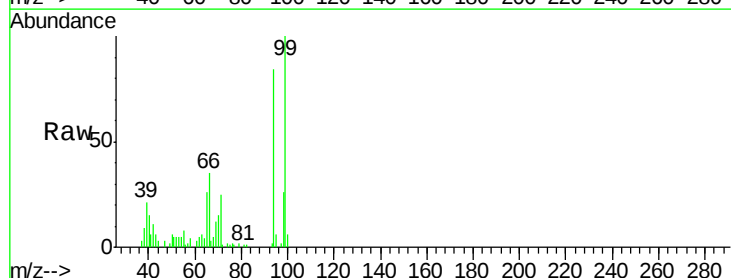
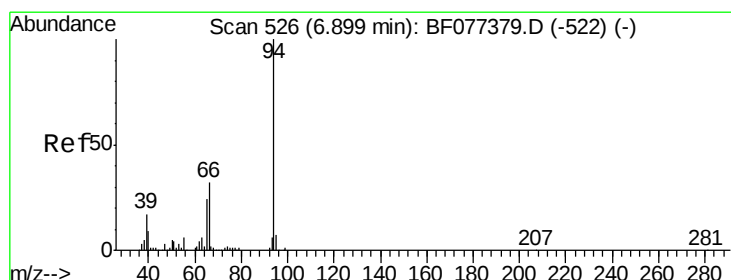
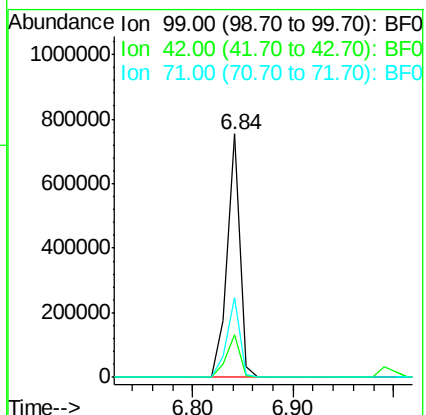
Tgt Ion: 99 Resp: 662206

Ion Ratio Lower Upper

99 100

42 17.4 16.2 24.4

71 32.6 26.7 40.1



#10

Phenol

Concen: 2.45 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF077445.D

Acq: 25 Feb 2015 20:43

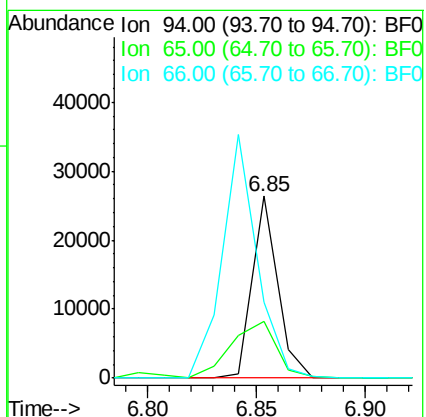
Tgt Ion: 94 Resp: 21373

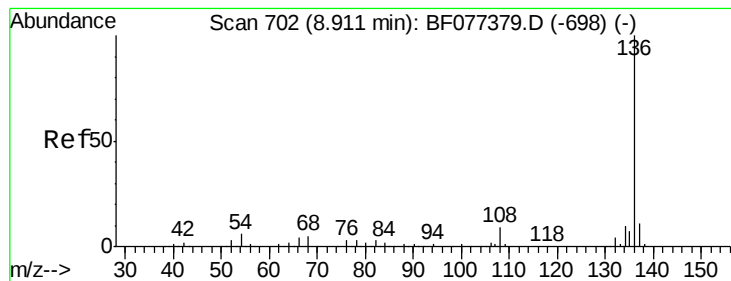
Ion Ratio Lower Upper

94 100

65 31.2 5.7 45.7

66 41.7 13.6 53.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.86 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF077445.D

Acq: 25 Feb 2015 20:43

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-8

Tgt Ion:136 Resp: 373666

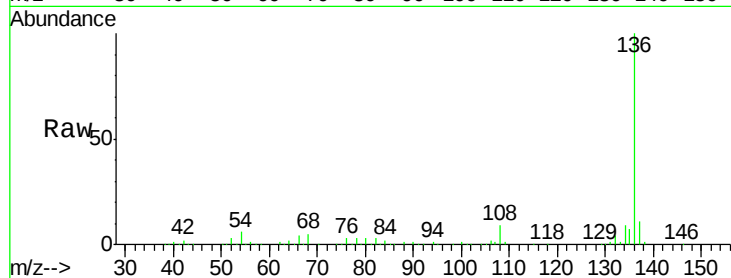
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.1 6.2 9.4#

68 4.6 5.0 7.6#

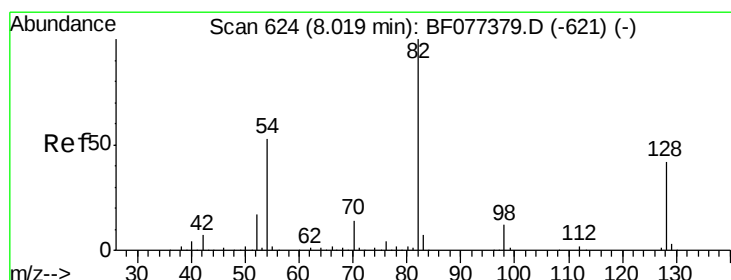
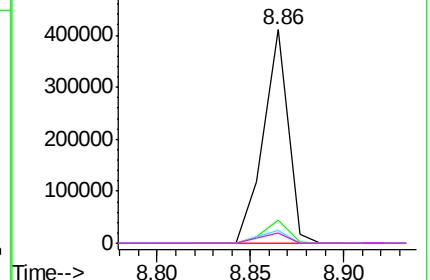
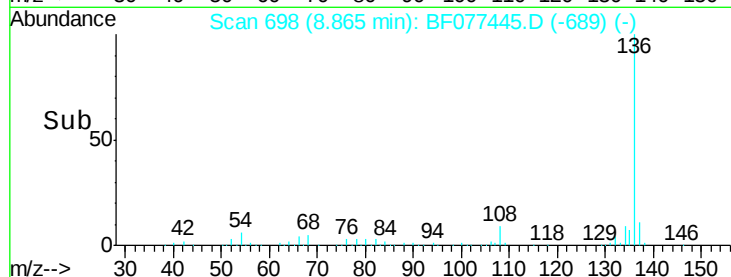


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 60.41 ng

RT: 7.97 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF077445.D

Acq: 25 Feb 2015 20:43

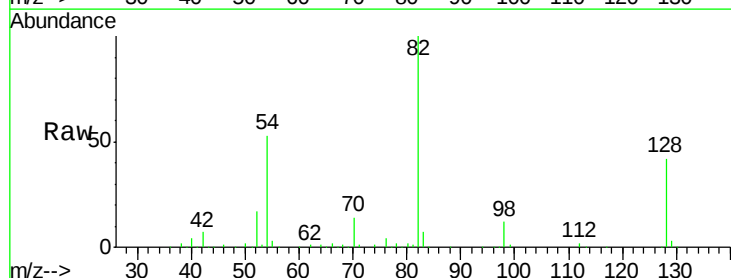
Tgt Ion: 82 Resp: 363014

Ion Ratio Lower Upper

82 100

128 42.0 43.8 65.8#

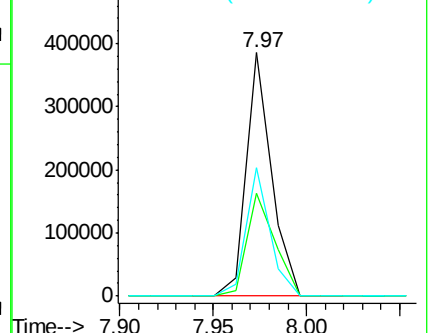
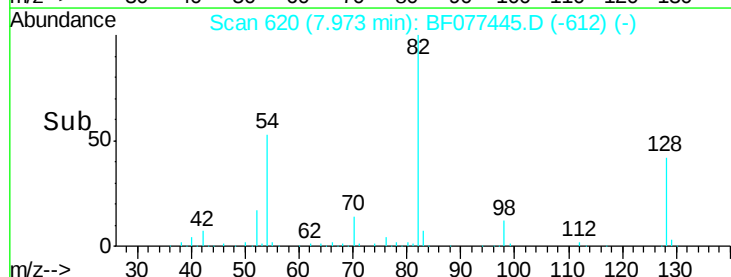
54 52.9 36.7 55.1

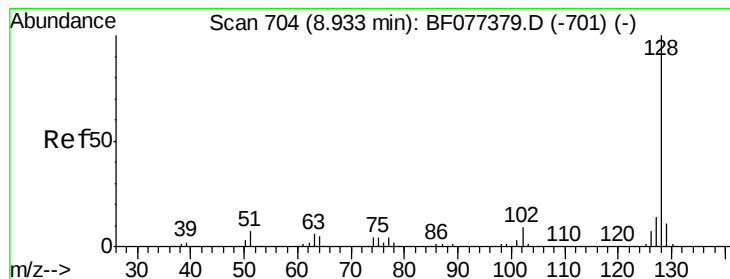


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 2.39 ng

RT: 8.89 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF077445.D

Acq: 25 Feb 2015 20:43

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-8

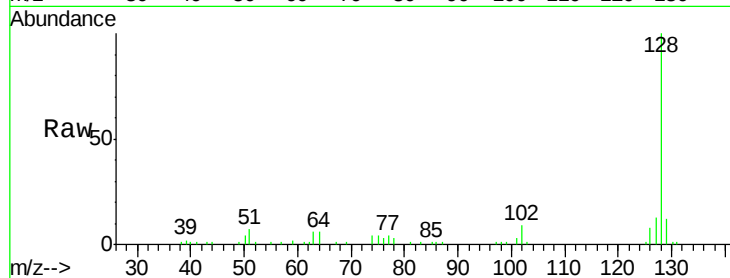
Tgt Ion:128 Resp: 44616

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

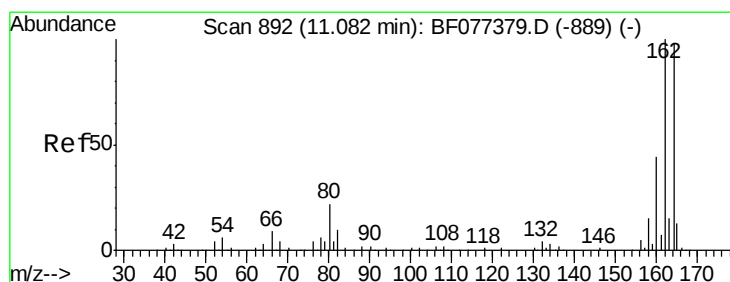
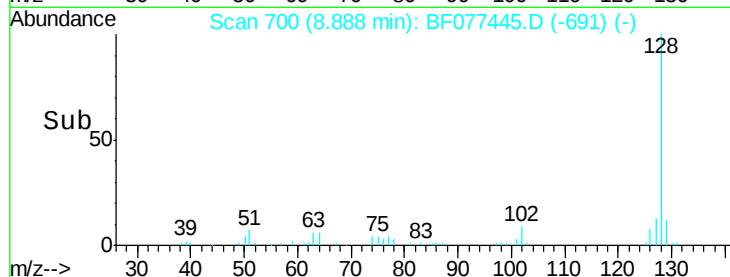
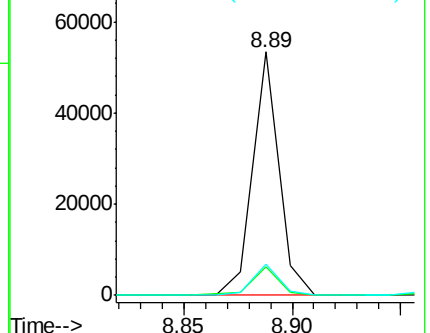
127 13.0 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.04 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF077445.D

Acq: 25 Feb 2015 20:43

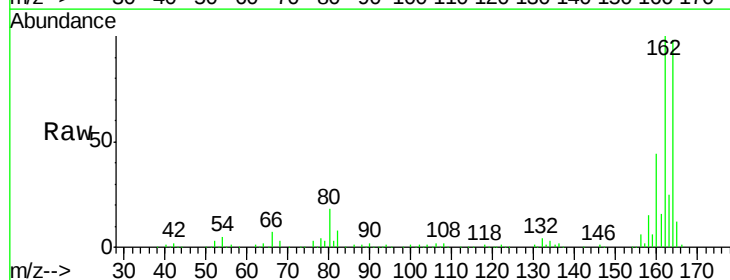
Tgt Ion:164 Resp: 196055

Ion Ratio Lower Upper

164 100

162 102.3 83.2 124.8

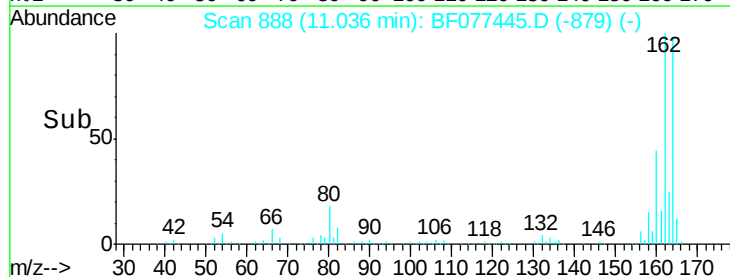
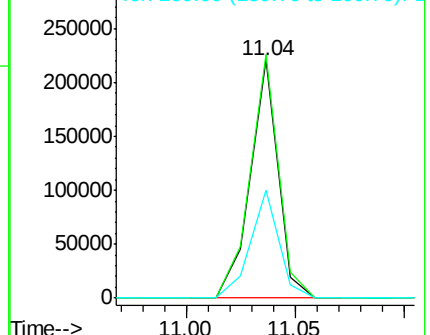
160 45.5 34.6 52.0

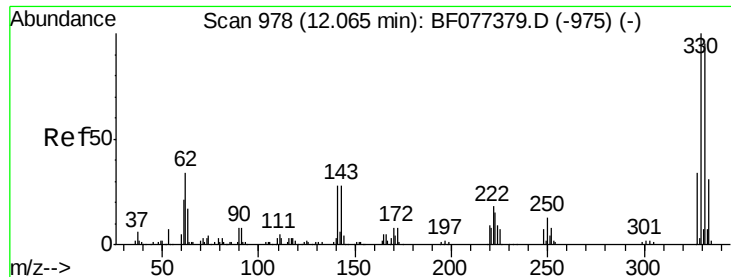


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

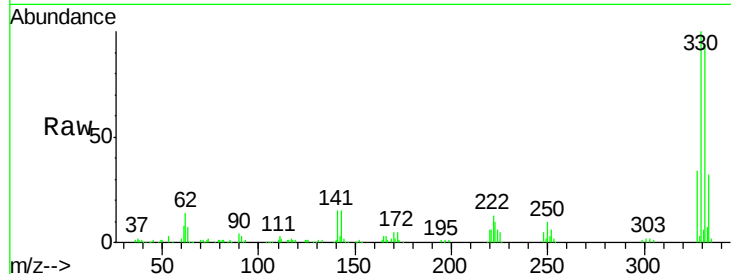




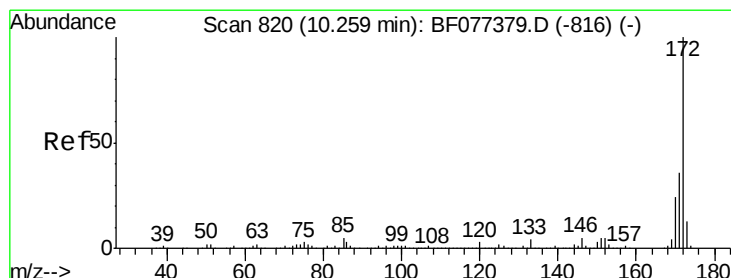
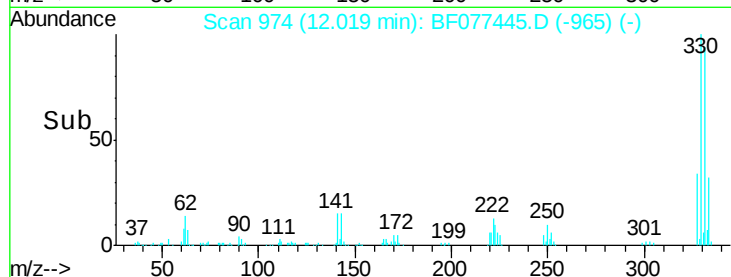
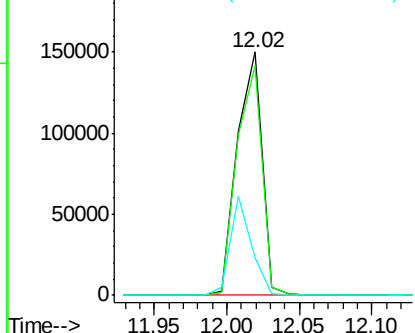
#41
 2,4,6-Tribromophenol
 Concen: 94.81 ng
 RT: 12.02 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF077445.D
 Acq: 25 Feb 2015 20:43

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-12-8

Tgt Ion:330 Resp: 178980
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 34.5 28.8 43.2

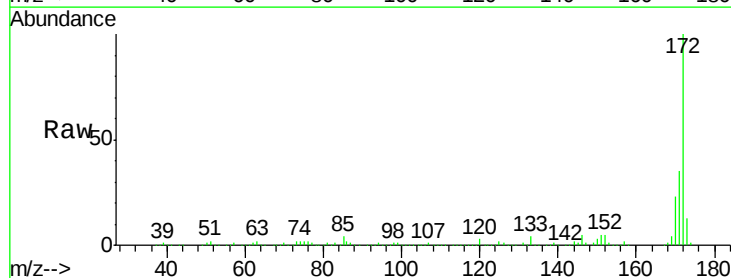


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

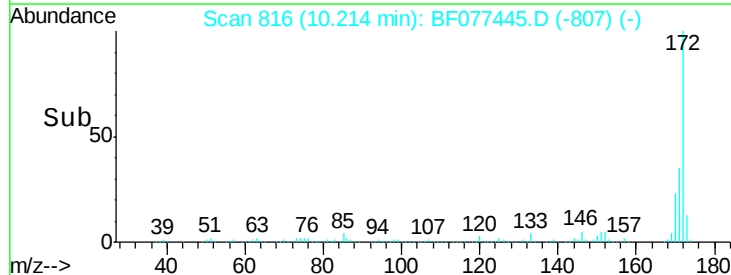
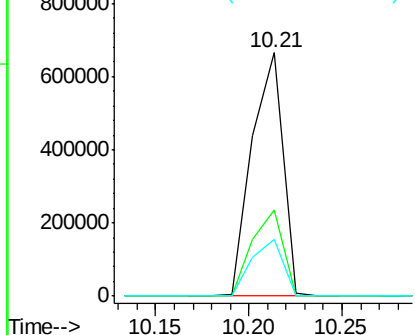


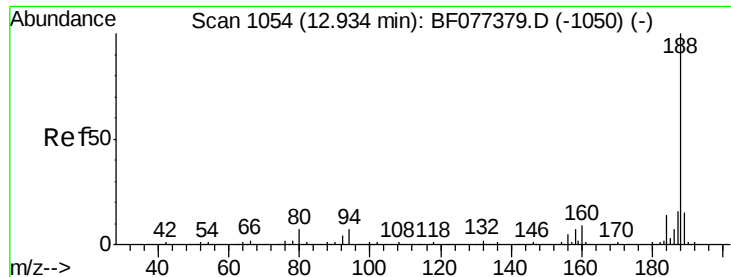
#44
 2-Fluorobiphenyl
 Concen: 60.88 ng
 RT: 10.21 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF077445.D
 Acq: 25 Feb 2015 20:43

Tgt Ion:172 Resp: 765521
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.9 43.3
 170 23.1 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

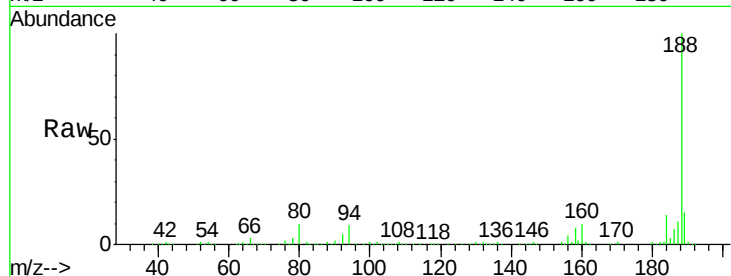




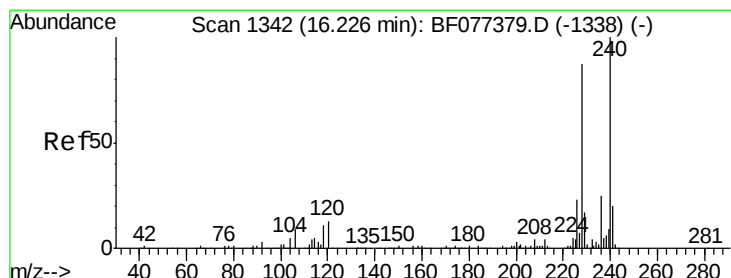
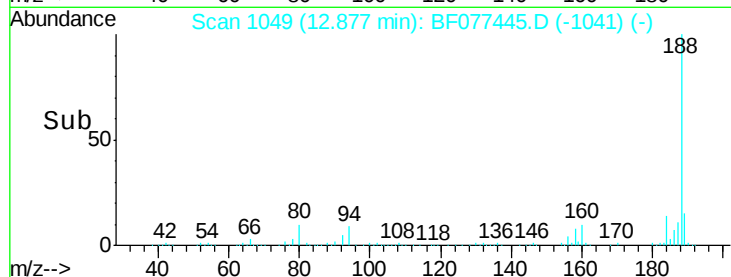
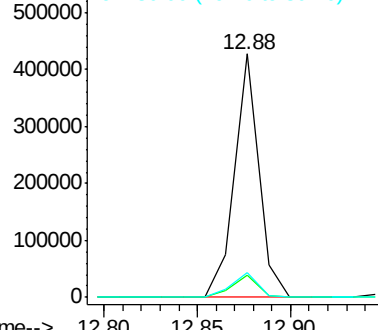
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF077445.D
Acq: 25 Feb 2015 20:43

Instrument :
BNA_F
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Tgt Ion:188 Resp: 384888
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.0 8.0 12.0

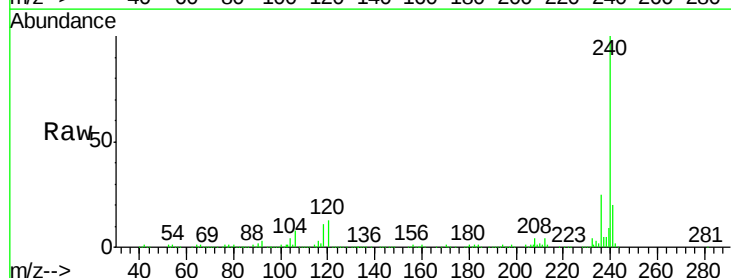


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

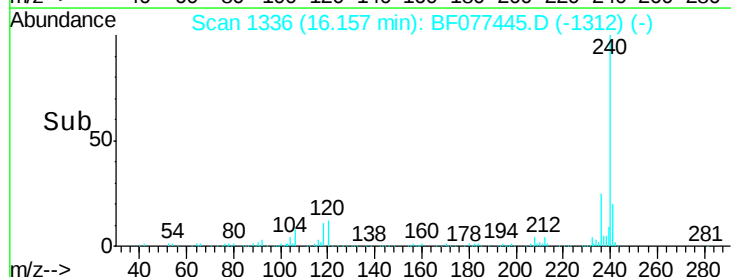
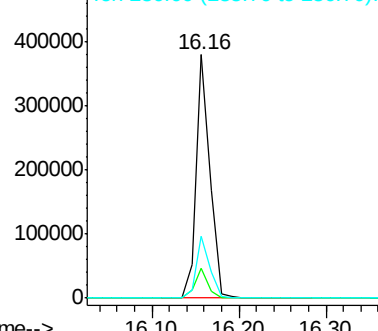


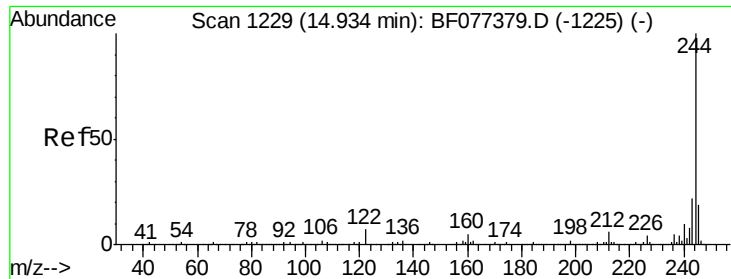
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.16 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF077445.D
Acq: 25 Feb 2015 20:43

Tgt Ion:240 Resp: 419826
Ion Ratio Lower Upper
240 100
120 12.5 8.8 13.2
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

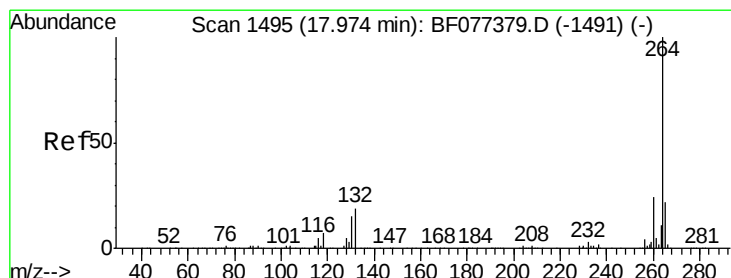
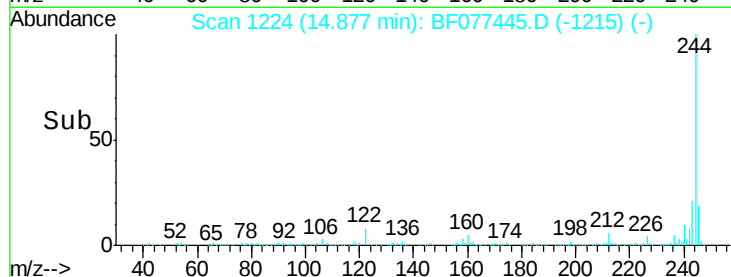
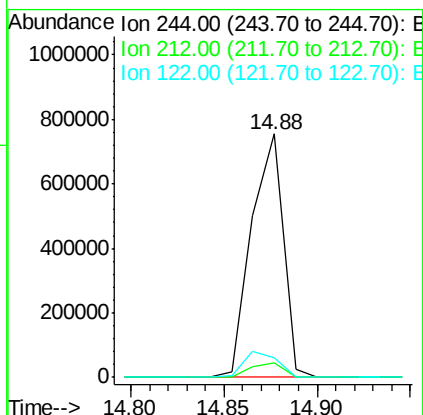
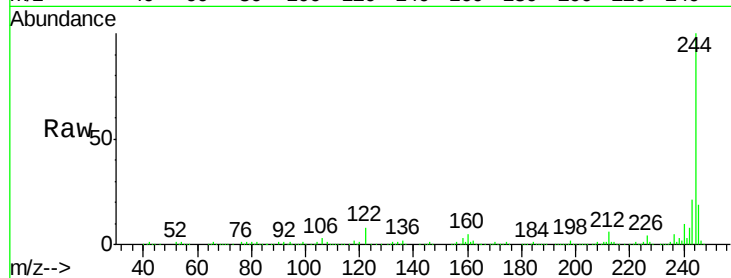




#78
 Terphenyl-d14
 Concen: 49.68 ng
 RT: 14.88 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF077445.D
 Acq: 25 Feb 2015 20:43

Instrument :
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 ClientSampleId :
 TU012-SB-12-8

Tgt Ion: 244 Resp: 892120
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.2 7.8
 122 8.2 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.87 min Scan# 1486
 Delta R.T. -0.05 min
 Lab File: BF077445.D
 Acq: 25 Feb 2015 20:43

Tgt Ion: 264 Resp: 411007
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.0 16.8 25.2

