

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
 Data File : BF077278.D
 Acq On : 12 Feb 2015 9:01
 Operator : TP/IZ
 Sample : G1254-01RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UB9ARE

Quant Time: Feb 12 12:09:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	44446	20.00	ng	-0.06
21) Naphthalene-d8	10.45	136	186182	20.00	ng	-0.05
38) Acenaphthene-d10	14.57	164	102614	20.00	ng	-0.06
63) Phenanthrene-d10	17.47	188	169488	20.00	ng	-0.03
75) Chrysene-d12	21.03	240	170473	20.00	ng	0.01
86) Perylene-d12	22.73	264	138637	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	4.54	112	148244	54.84	ng	-0.05
7) Phenol-d6	6.97	99	189605	55.60	ng	-0.05
23) Nitrobenzene-d5	8.85	82	115826	34.47	ng	-0.05
41) 2,4,6-Tribromophenol	16.34	330	41243	49.51	ng	-0.03
44) 2-Fluorobiphenyl	13.11	172	227958	33.81	ng	-0.06
78) Terphenyl-d14	19.75	244	234828	31.71	ng	-0.01

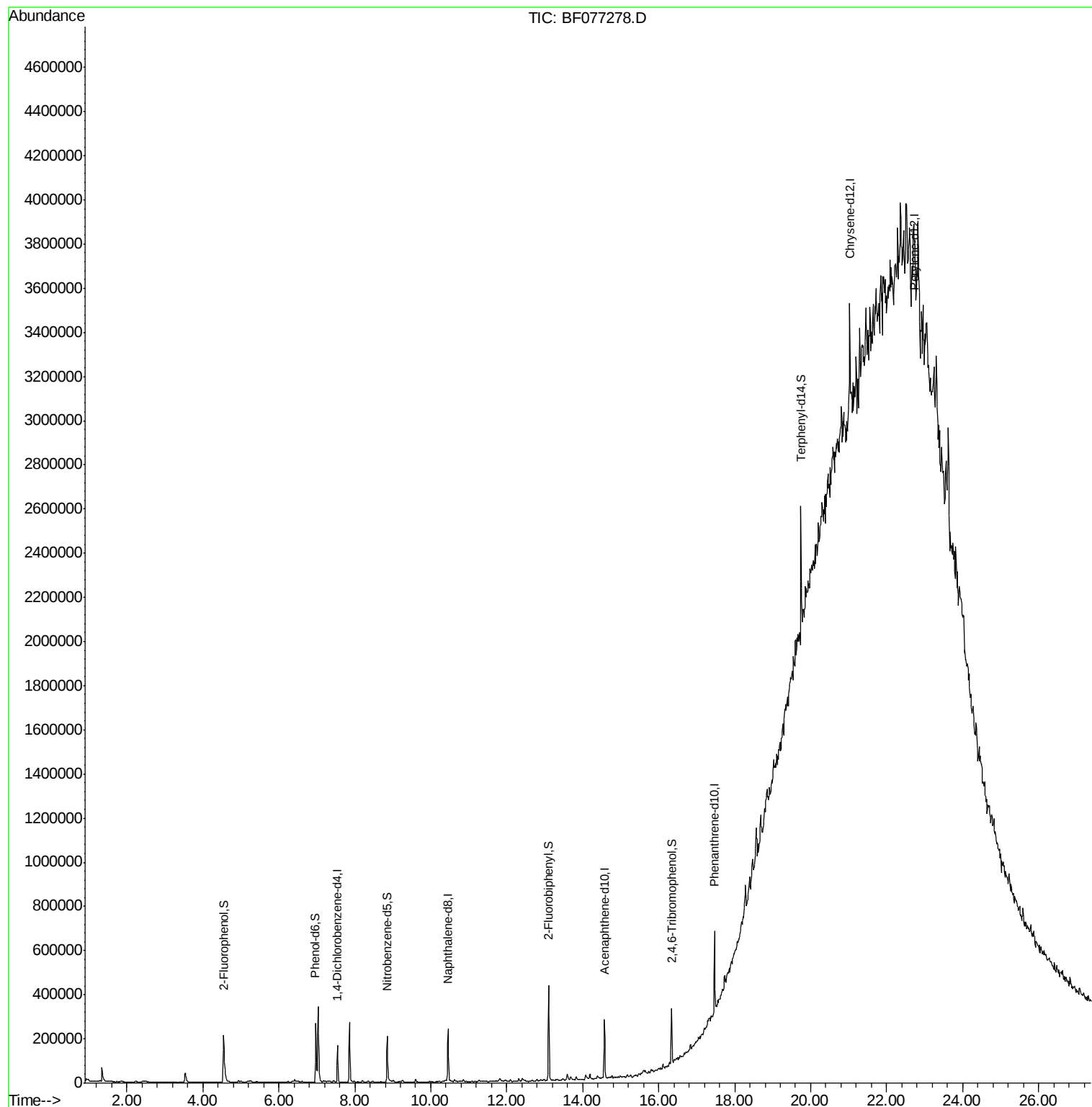
Target Compounds	Qvalue
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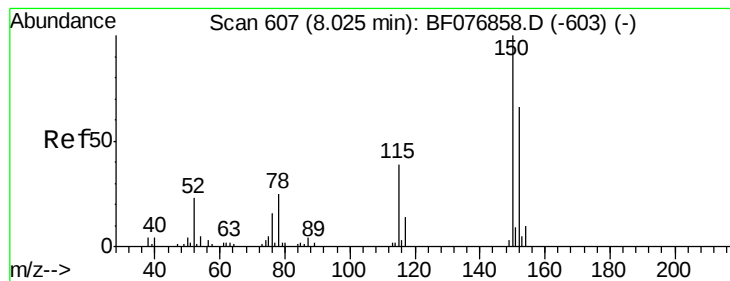
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 10 13:30:38 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 582

Delta R.T. -0.06 min

Lab File: BF077278.D

Acq: 12 Feb 2015 9:01

Instrument :

BNA_F

ClientSampled :

UB9ARE

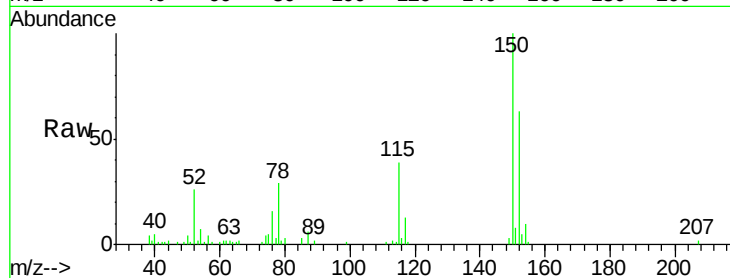
Tgt Ion:152 Resp: 44446

Ion Ratio Lower Upper

152 100

150 157.9 121.7 182.5

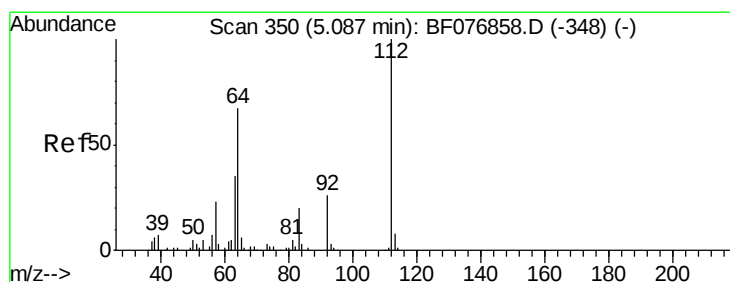
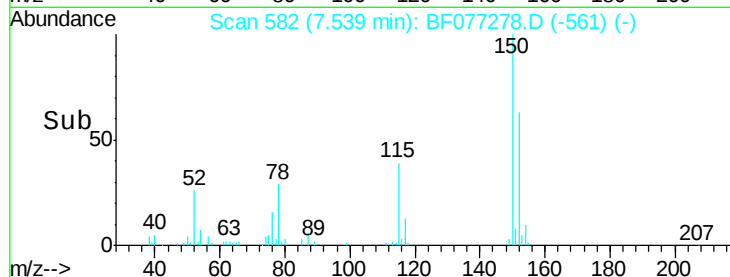
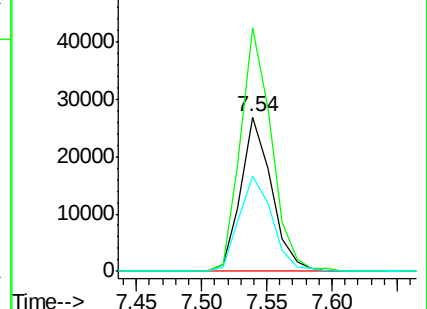
115 61.6 47.0 70.6



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: 54.84 ng

RT: 4.54 min Scan# 320

Delta R.T. -0.05 min

Lab File: BF077278.D

Acq: 12 Feb 2015 9:01

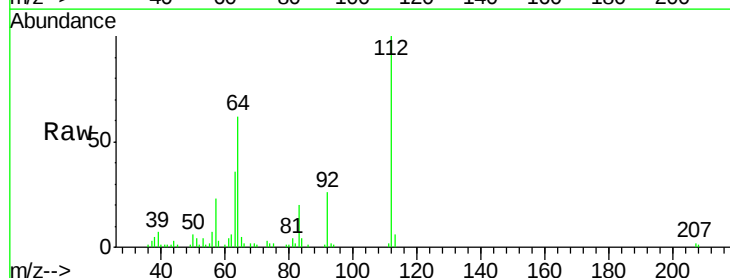
Tgt Ion:112 Resp: 148244

Ion Ratio Lower Upper

112 100

64 61.7 54.2 81.4

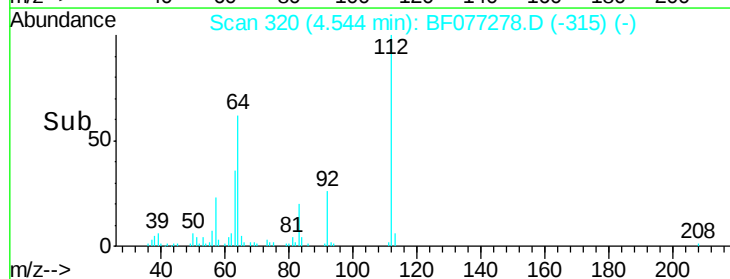
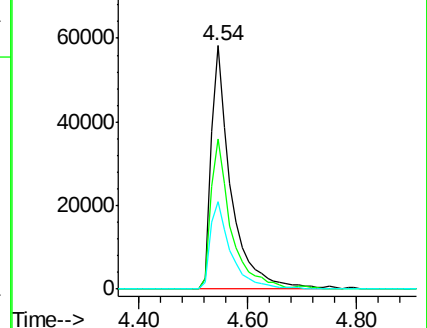
63 36.1 28.4 42.6

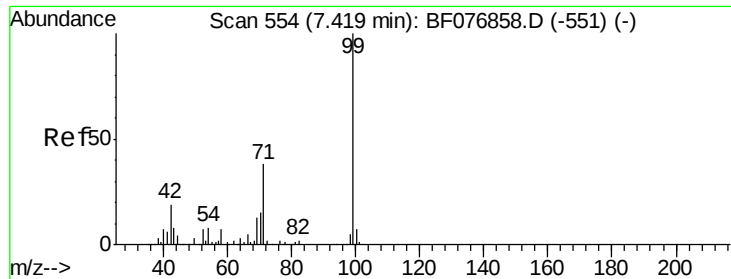


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 55.60 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF077278.D

Acq: 12 Feb 2015 9:01

Instrument :

BNA_F

ClientSampleId :

UB9ARE

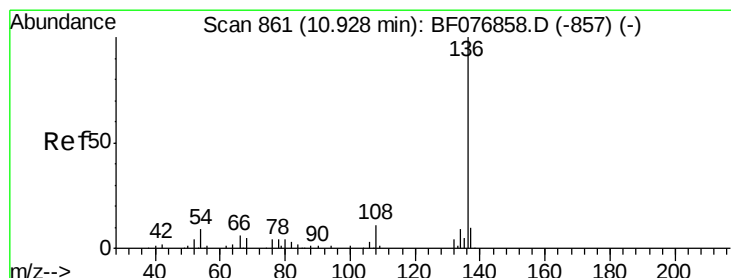
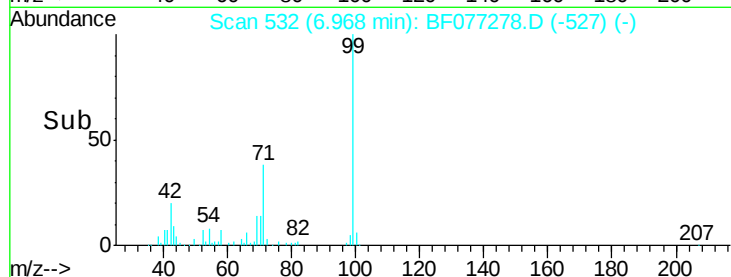
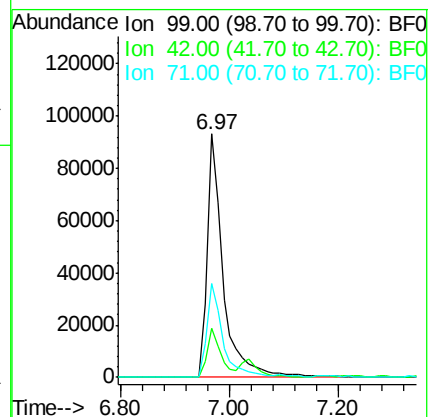
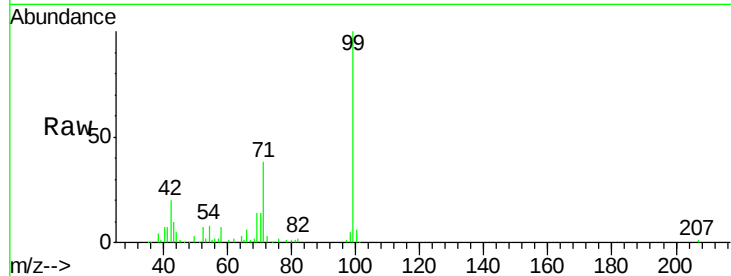
Tgt Ion: 99 Resp: 189605

Ion Ratio Lower Upper

99 100

42 20.0 15.0 22.4

71 38.4 30.5 45.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF077278.D

Acq: 12 Feb 2015 9:01

Tgt Ion: 136 Resp: 186182

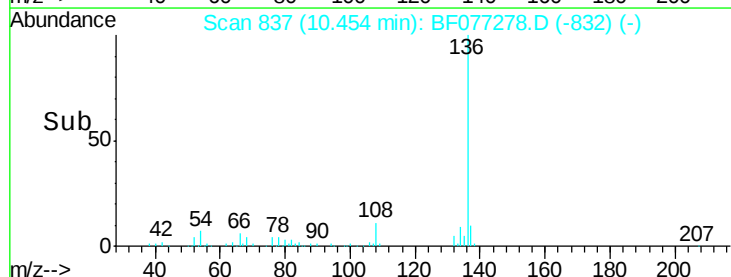
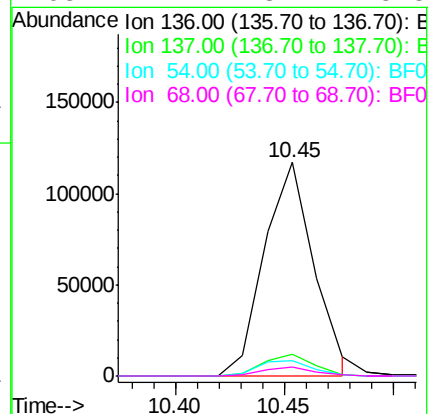
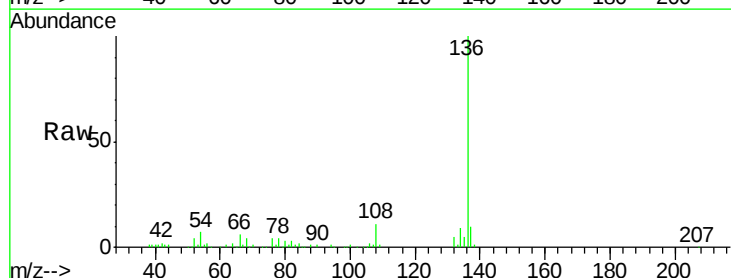
Ion Ratio Lower Upper

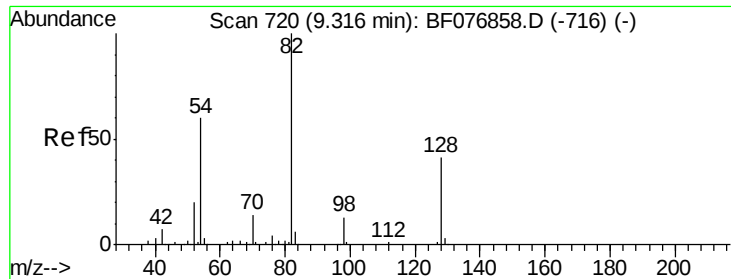
136 100

137 10.5 8.1 12.1

54 7.4 7.0 10.4

68 4.2 3.7 5.5

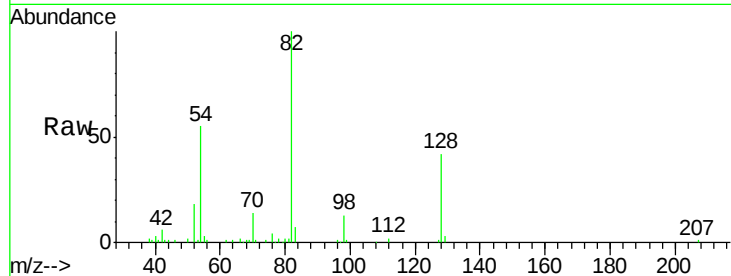




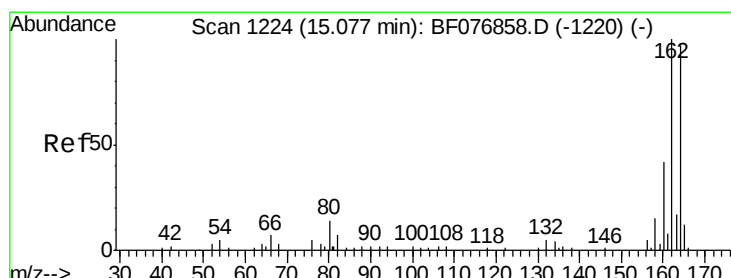
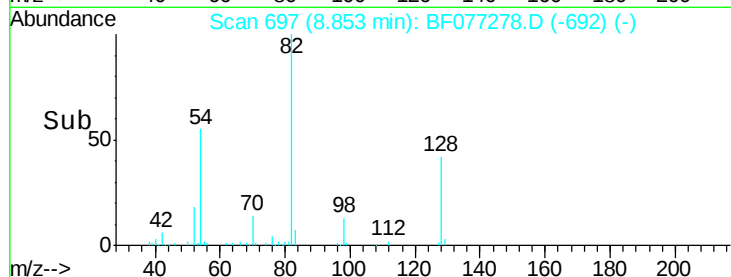
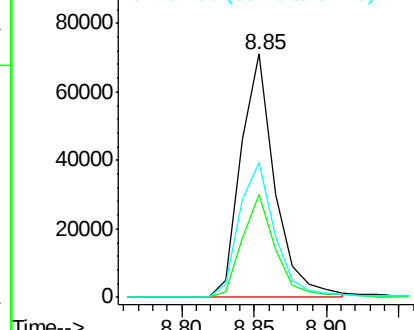
#23
 Nitrobenzene-d5
 Concen: 34.47 ng
 RT: 8.85 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF077278.D
 Acq: 12 Feb 2015 9:01

Instrument :
 BNA_F
 ClientSampleId :
 UB9ARE

Tgt Ion: 82 Resp: 115826
 Ion Ratio Lower Upper
 82 100
 128 42.5 33.1 49.7
 54 55.3 48.3 72.5

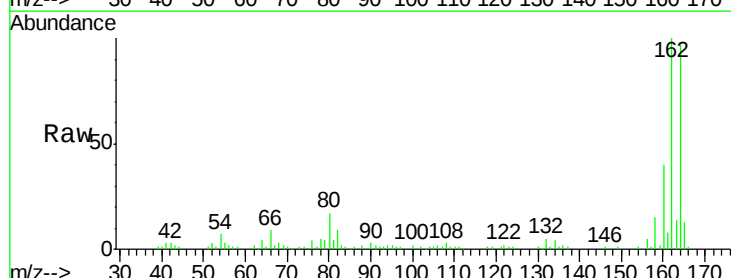


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

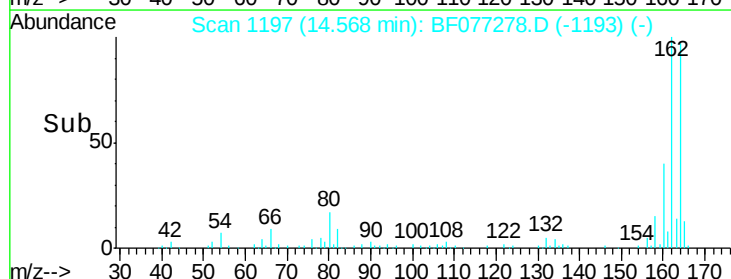
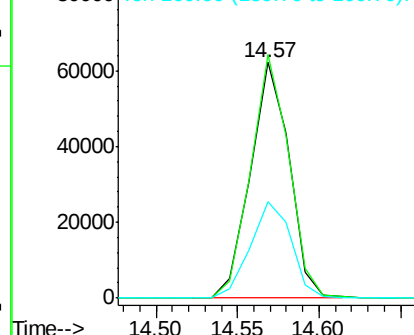


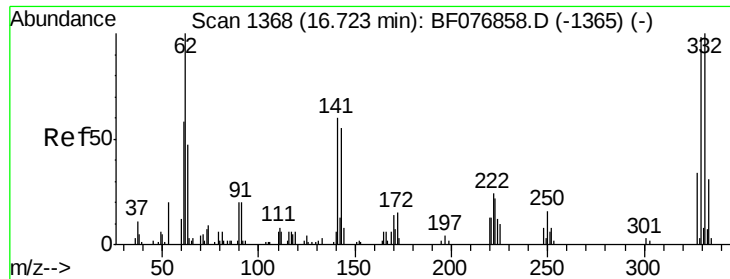
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.57 min Scan# 1197
 Delta R.T. -0.06 min
 Lab File: BF077278.D
 Acq: 12 Feb 2015 9:01

Tgt Ion: 164 Resp: 102614
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.4 123.6
 160 41.1 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

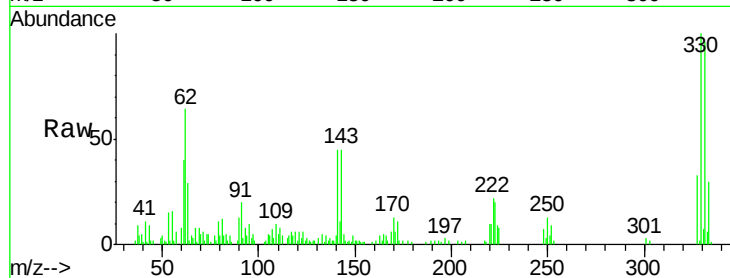




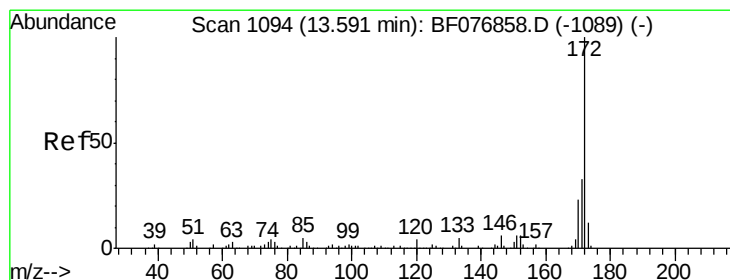
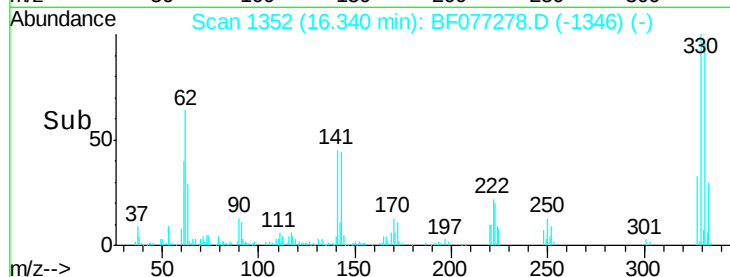
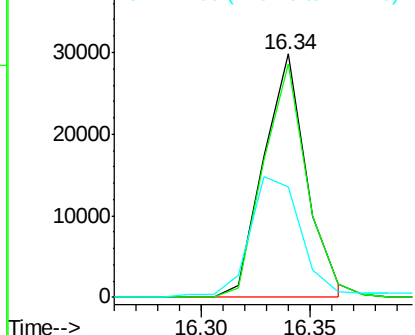
#41
 2,4,6-Tribromophenol
 Concen: 49.51 ng
 RT: 16.34 min Scan# 1352
 Delta R.T. -0.03 min
 Lab File: BF077278.D
 Acq: 12 Feb 2015 9:01

Instrument :
 BNA_F
 ClientSampleId :
 UB9ARE

Tgt Ion:330 Resp: 41243
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.8 116.6
 141 59.4 38.5 57.7#

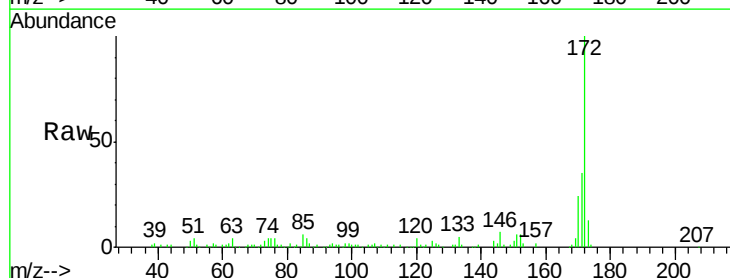


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

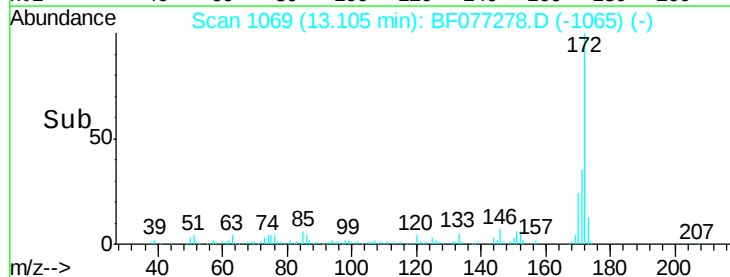
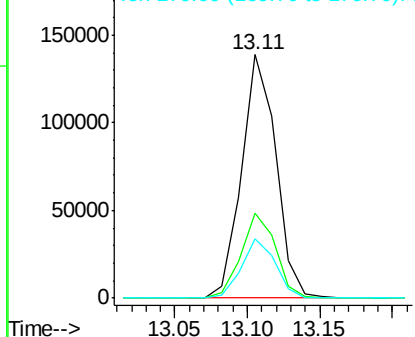


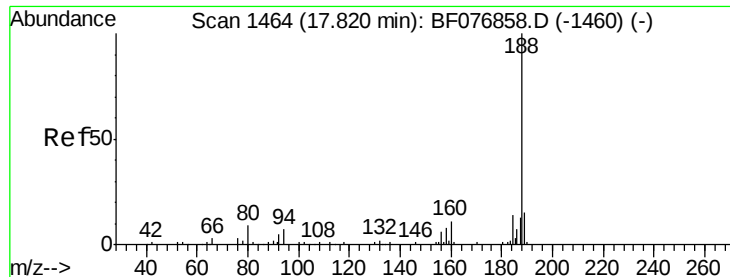
#44
 2-Fluorobiphenyl
 Concen: 33.81 ng
 RT: 13.11 min Scan# 1069
 Delta R.T. -0.06 min
 Lab File: BF077278.D
 Acq: 12 Feb 2015 9:01

Tgt Ion:172 Resp: 227958
 Ion Ratio Lower Upper
 172 100
 171 34.7 26.6 40.0
 170 24.4 18.0 27.0



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: 17.47 min Scan# 1451

Delta R.T. -0.03 min

Lab File: BF077278.D

Acq: 12 Feb 2015 9:01

Instrument :

BNA_F

ClientSampleId :

UB9ARE

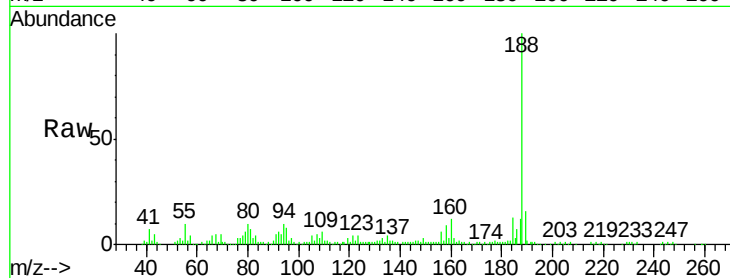
Tgt Ion:188 Resp: 169488

Ion Ratio Lower Upper

188 100

94 9.7 6.0 9.0#

80 10.1 6.9 10.3



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

200000

150000

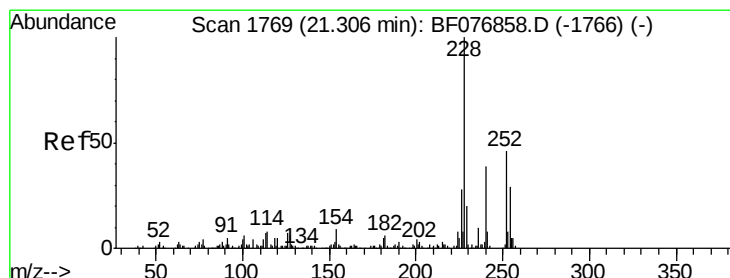
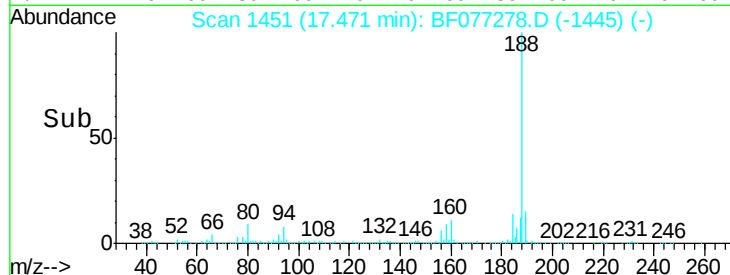
100000

50000

0

17.40 17.45 17.50

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.03 min Scan# 1762

Delta R.T. 0.01 min

Lab File: BF077278.D

Acq: 12 Feb 2015 9:01

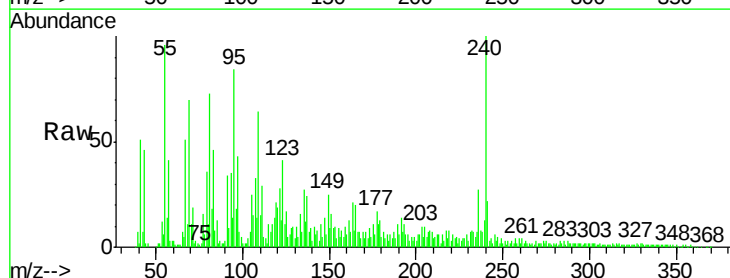
Tgt Ion:240 Resp: 170473

Ion Ratio Lower Upper

240 100

120 19.4 10.4 15.6#

236 27.1 20.2 30.2



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

150000

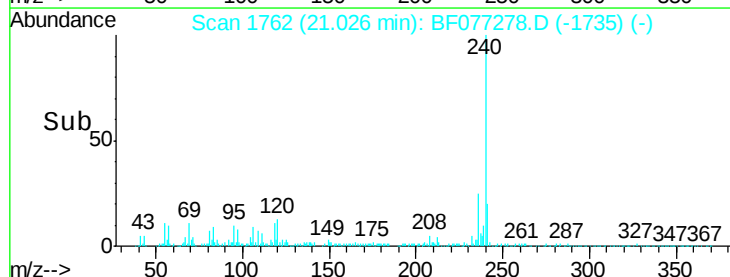
100000

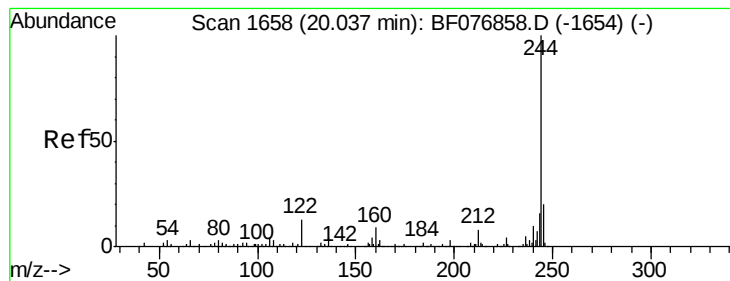
50000

0

20.90 21.00 21.10

Time-->





#78

Terphenyl-d14

Concen: 31.71 ng

RT: 19.75 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF077278.D

Acq: 12 Feb 2015 9:01

Instrument :

BNA_F

ClientSampled :

UB9ARE

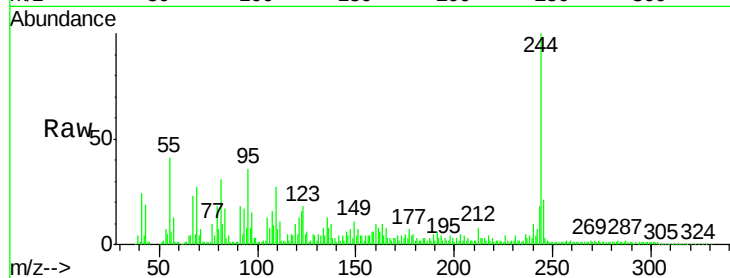
Tgt Ion:244 Resp: 234828

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

122 16.2 10.1 15.1#

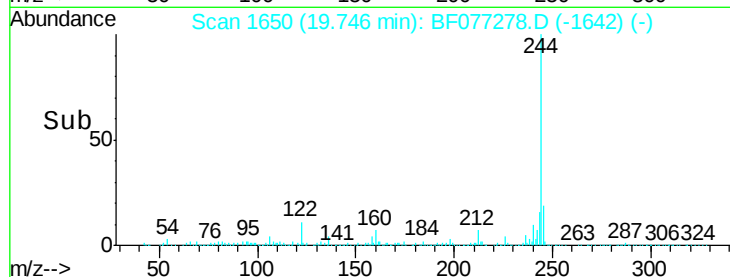


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 19.65 19.70 19.75 19.80

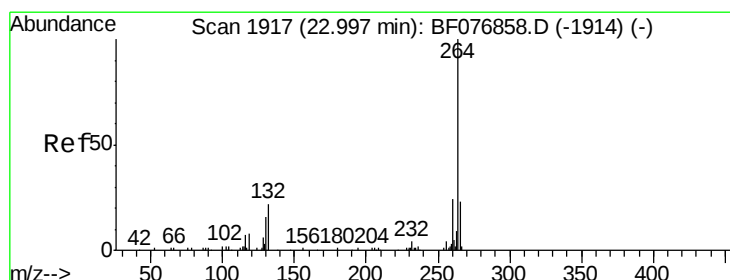


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 19.65 19.70 19.75 19.80



#86

Perylene-d12

Concen: 20.00 ng

RT: 22.73 min Scan# 1911

Delta R.T. 0.07 min

Lab File: BF077278.D

Acq: 12 Feb 2015 9:01

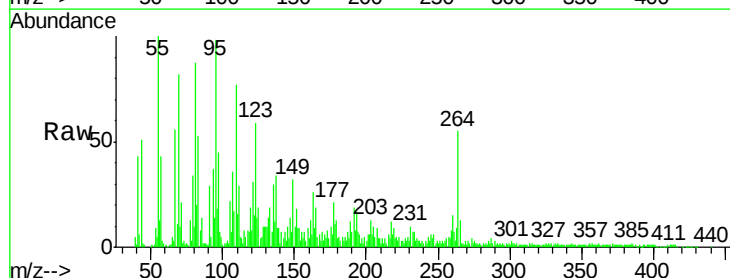
Tgt Ion:264 Resp: 138637

Ion Ratio Lower Upper

264 100

260 27.2 19.0 28.4

265 23.6 18.1 27.1

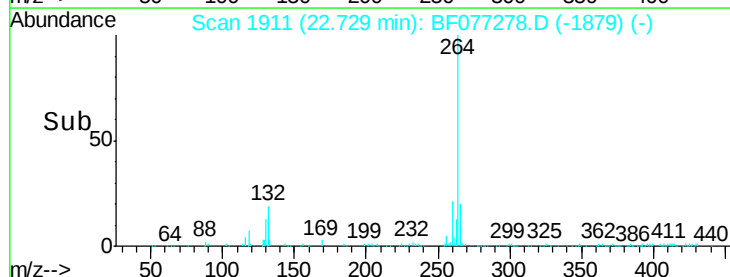


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time--> 22.60 22.70 22.80



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time--> 22.60 22.70 22.80