

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077572.D
 Acq On : 4 Mar 2015 4:48
 Operator : TP/IZ
 Sample : G1332-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2

Quant Time: Mar 04 06:59:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 04:46:40 2015
 Response via : Initial Calibration

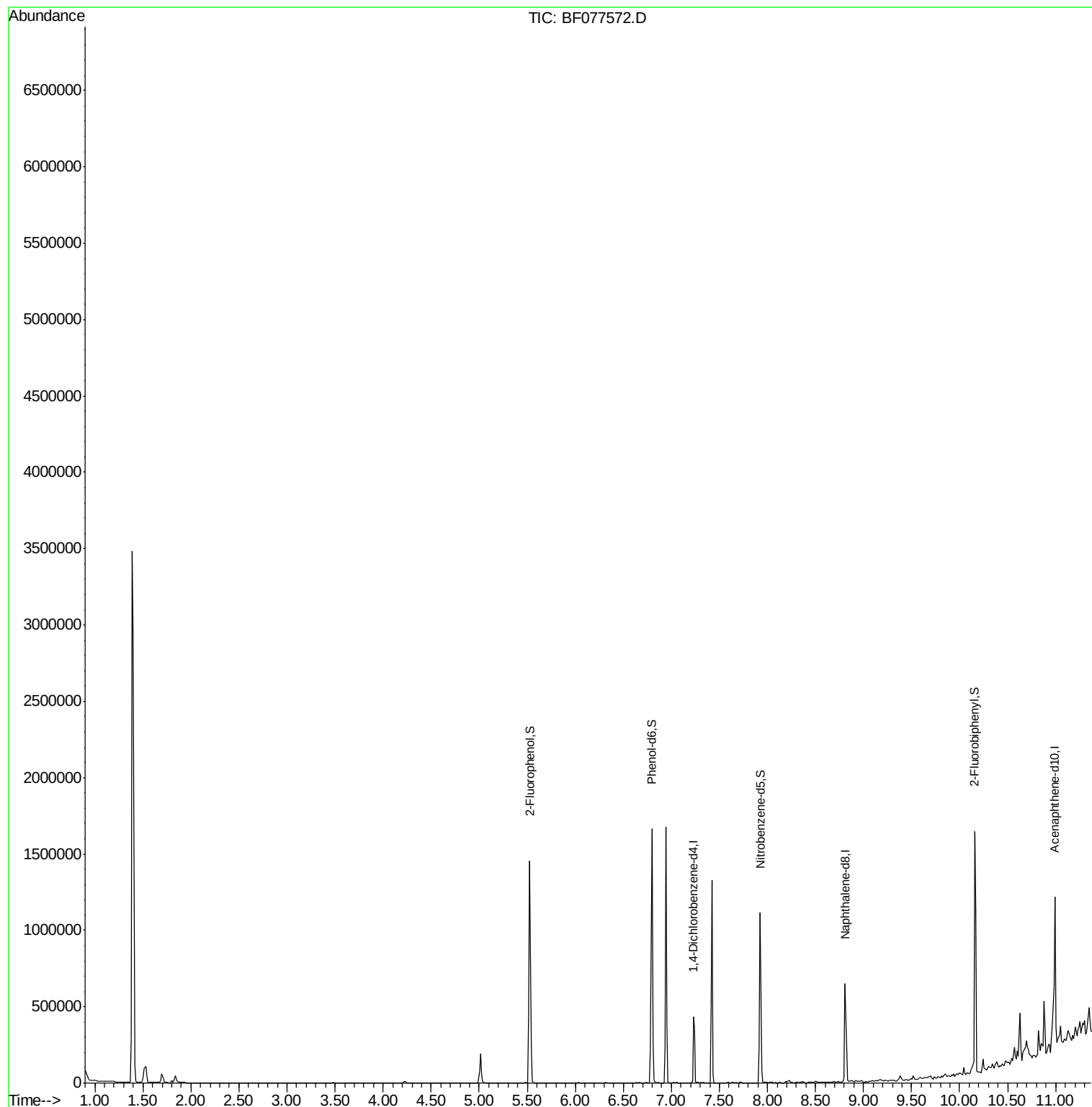
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	92285	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	375470	20.00	ng	0.00
38) Acenaphthene-d10	10.99	164	197712	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	355515	20.00	ng	0.00
75) Chrysene-d12	16.14	240	333034	20.00	ng	0.02
86) Perylene-d12	17.84	264	326705	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	435495	78.78	ng	0.00
7) Phenol-d6	6.80	99	544612	76.63	ng	0.00
23) Nitrobenzene-d5	7.93	82	334586	55.41	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	139211	73.13	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	662390	52.24	ng	0.00
78) Terphenyl-d14	14.84	244	645828	45.33	ng	0.01
Target Compounds						Qvalue
64) 4,6-Dinitro-2-methylphenol	11.76	198	1155	4.46	ng	# 1
65) n-Nitrosodiphenylamine	11.82	169	25168	2.13	ng	# 39
70) Phenanthrene	12.86	178	81993	3.98	ng	# 88

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

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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VMA-2

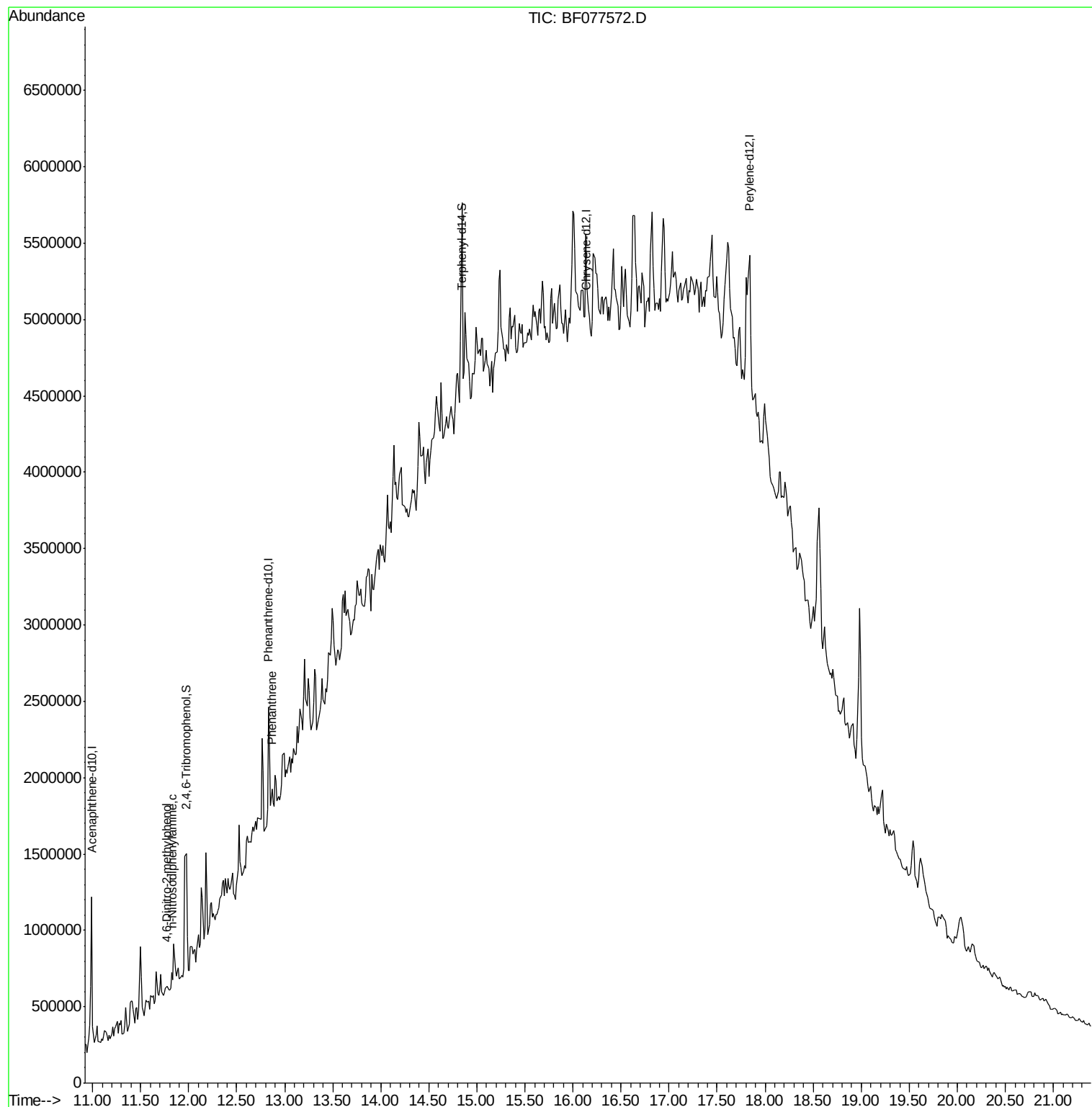
Quant Time: Mar 04 06:59:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 04:46:40 2015
Response via : Initial Calibration

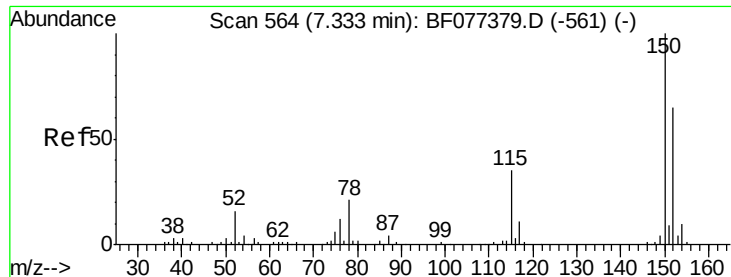


Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077572.D
Acq On : 4 Mar 2015 4:48
Operator : TP/IZ
Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VMA-2

Quant Time: Mar 04 06:59:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 04:46:40 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.24 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF077572.D

Acq: 4 Mar 2015 4:48

Instrument :

BNA_F

ClientSampled :

VMA-2

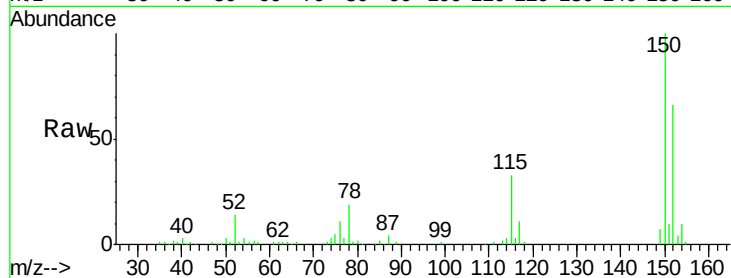
Tgt Ion:152 Resp: 92285

Ion Ratio Lower Upper

152 100

150 152.5 124.0 186.0

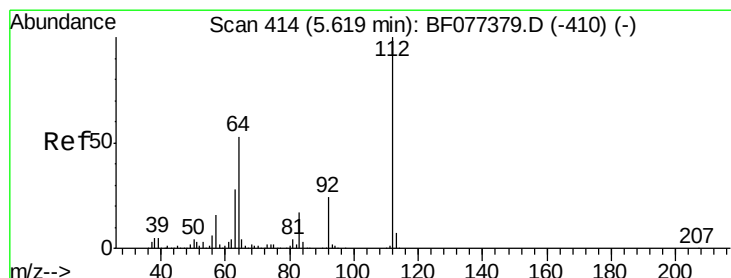
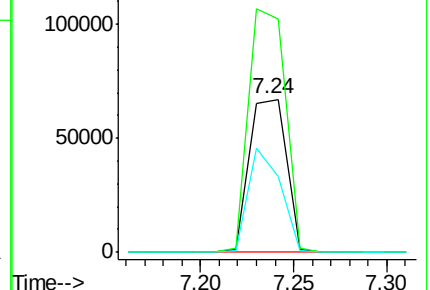
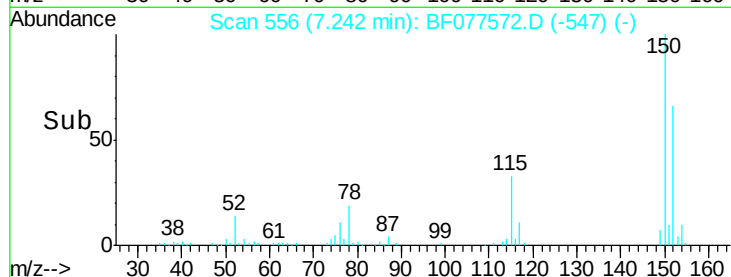
115 49.6 49.4 74.2



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: 78.78 ng

RT: 5.53 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF077572.D

Acq: 4 Mar 2015 4:48

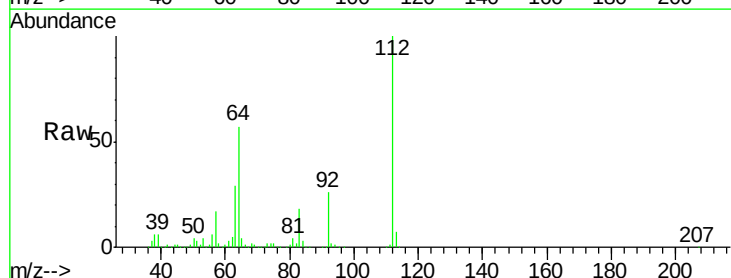
Tgt Ion:112 Resp: 435495

Ion Ratio Lower Upper

112 100

64 56.8 48.5 72.7

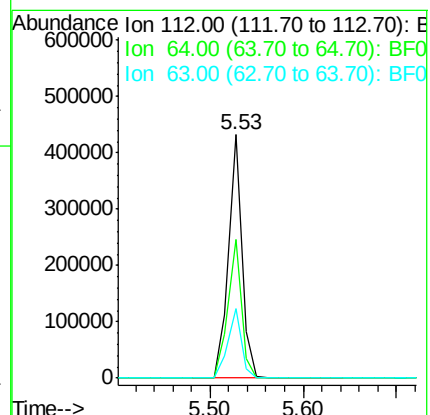
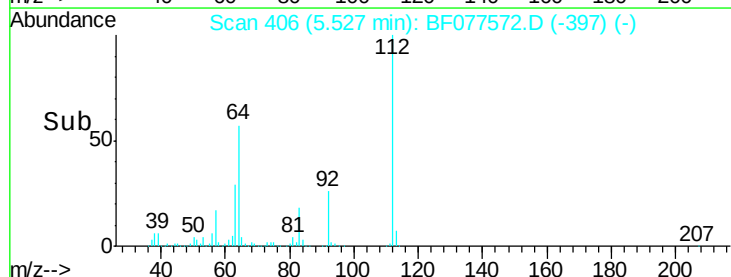
63 28.7 25.0 37.4

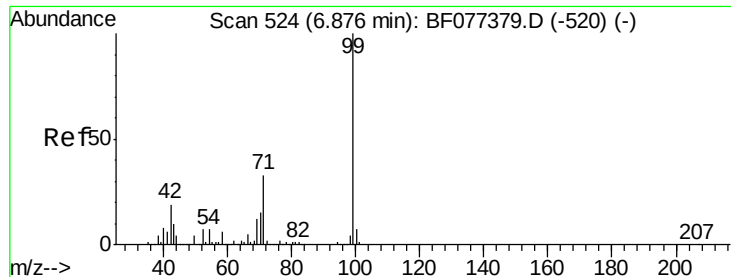


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 76.63 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF077572.D

Acq: 4 Mar 2015 4:48

Instrument :

BNA_F

ClientSampleId :

VMA-2

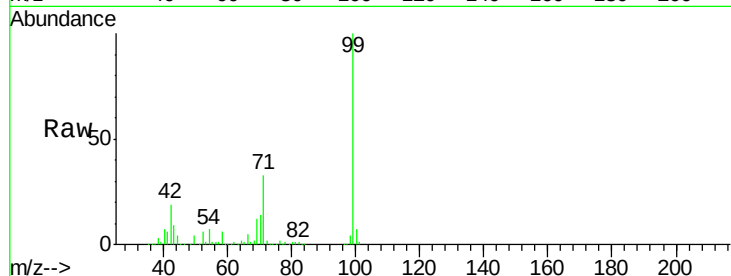
Tgt Ion: 99 Resp: 544612

Ion Ratio Lower Upper

99 100

42 19.0 16.2 24.4

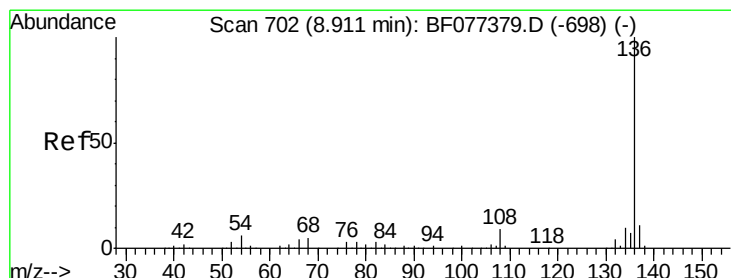
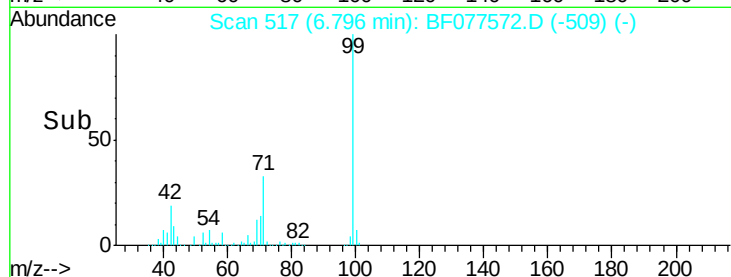
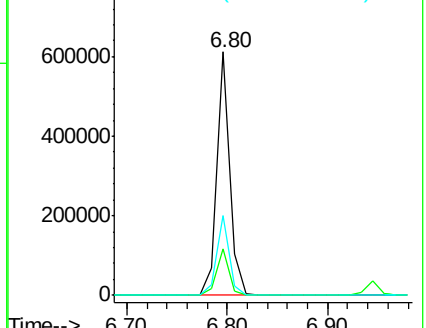
71 32.7 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF077572.D

Acq: 4 Mar 2015 4:48

Tgt Ion: 136 Resp: 375470

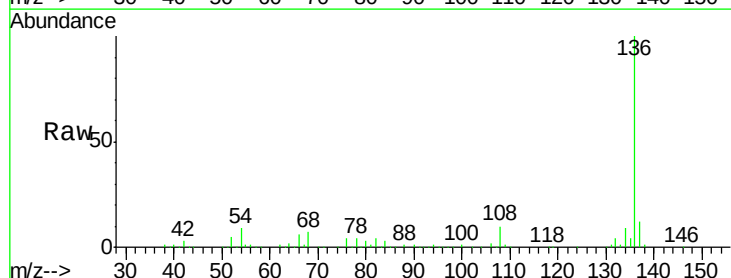
Ion Ratio Lower Upper

136 100

137 11.6 8.6 13.0

54 9.1 6.2 9.4

68 6.9 5.0 7.6

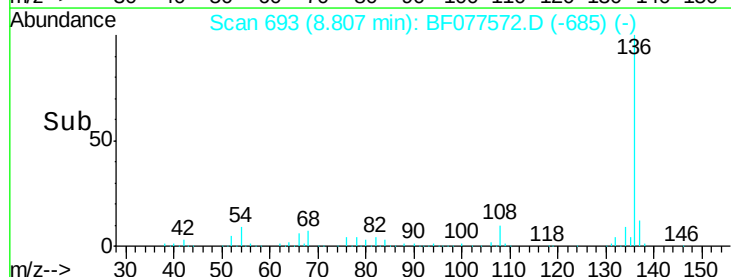
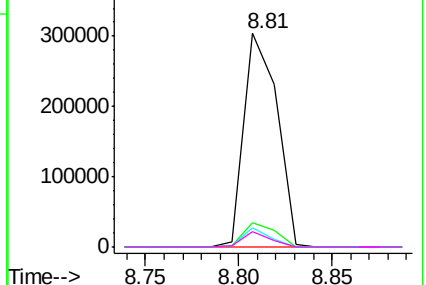


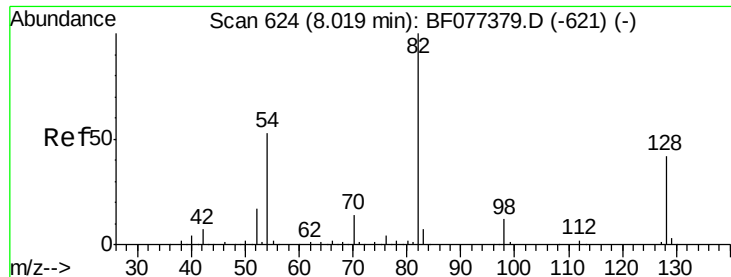
Abundance Ion 136.00 (135.70 to 136.70): E

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

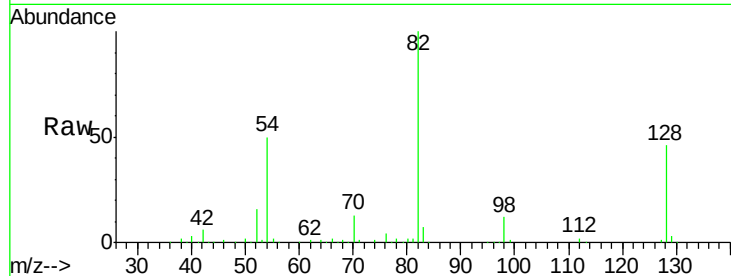




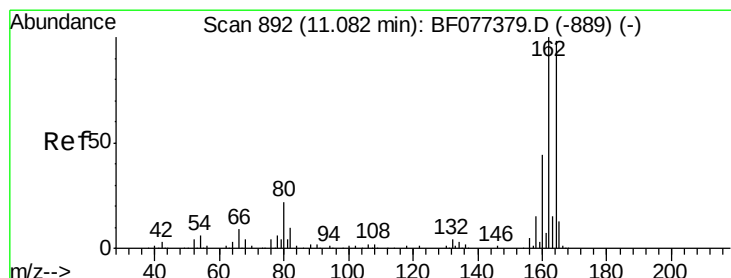
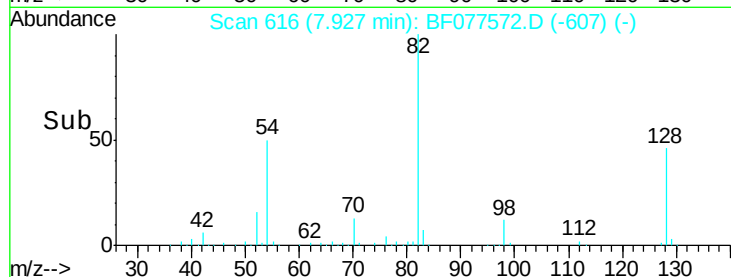
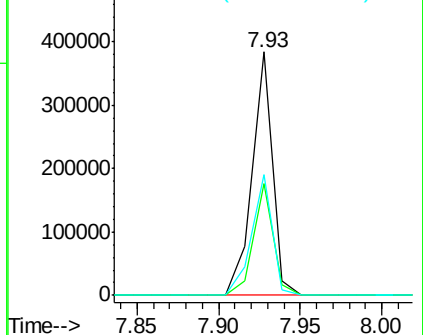
#23
Nitrobenzene-d5
Concen: 55.41 ng
RT: 7.93 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF077572.D
Acq: 4 Mar 2015 4:48

Instrument :
BNA_F
ClientSampleId :
VMA-2

Tgt Ion: 82 Resp: 334586
Ion Ratio Lower Upper
82 100
128 45.9 43.8 65.8
54 49.8 36.7 55.1

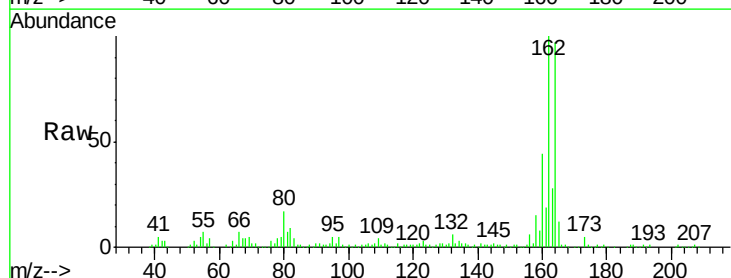


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

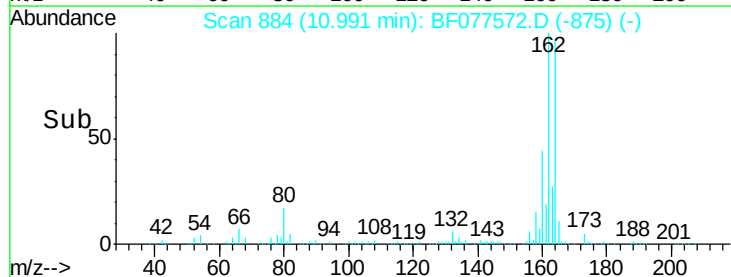
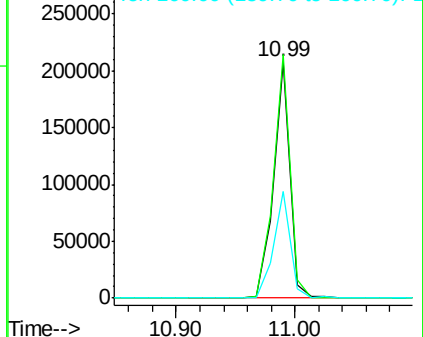


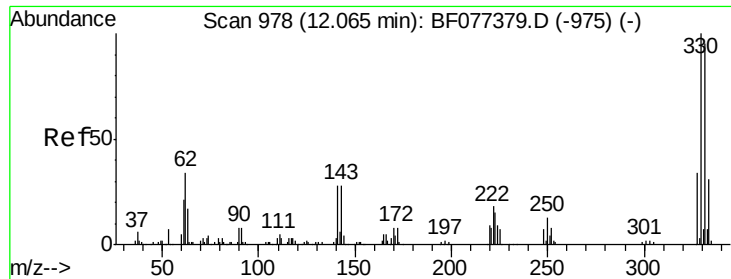
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF077572.D
Acq: 4 Mar 2015 4:48

Tgt Ion: 164 Resp: 197712
Ion Ratio Lower Upper
164 100
162 103.0 83.2 124.8
160 44.9 34.6 52.0



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

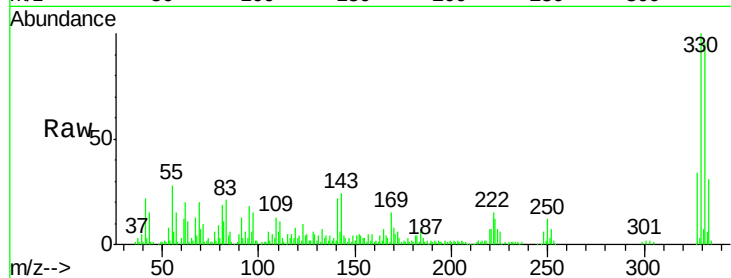




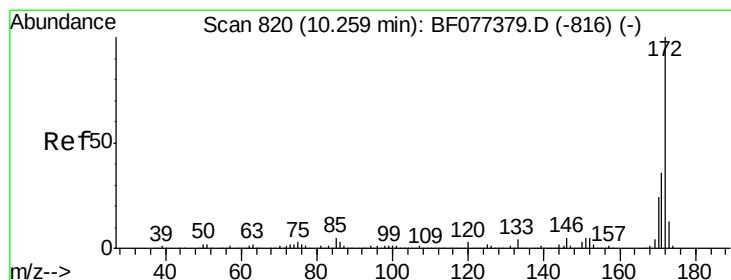
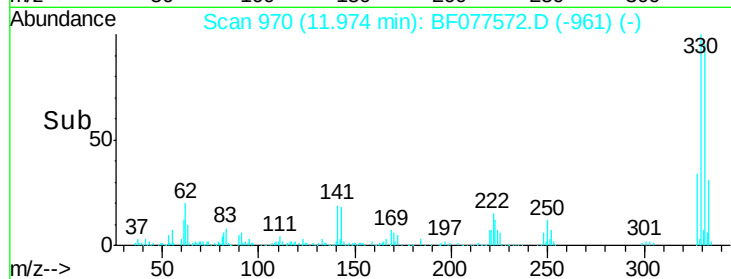
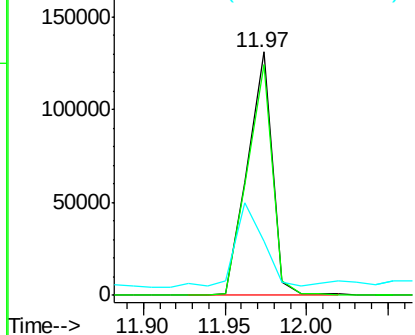
#41
 2,4,6-Tribromophenol
 Concen: 73.13 ng
 RT: 11.97 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF077572.D
 Acq: 4 Mar 2015 4:48

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2

Tgt Ion:330 Resp: 139211
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 39.4 28.8 43.2

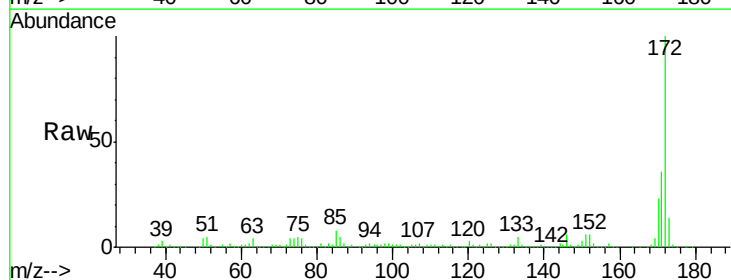


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

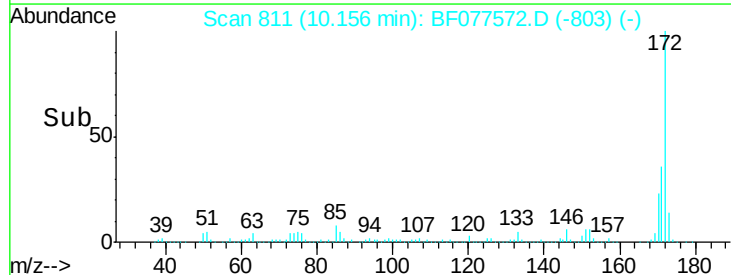
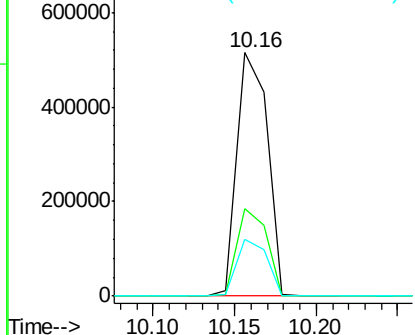


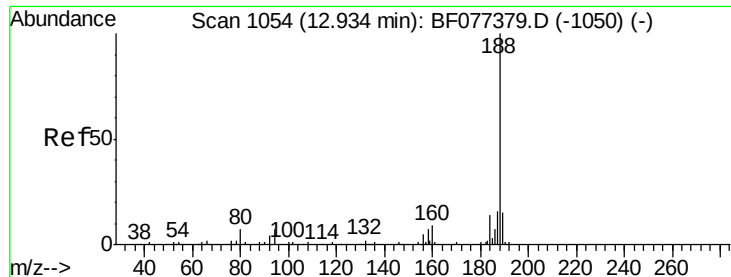
#44
 2-Fluorobiphenyl
 Concen: 52.24 ng
 RT: 10.16 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF077572.D
 Acq: 4 Mar 2015 4:48

Tgt Ion:172 Resp: 662390
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.3 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: 12.83 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF077572.D

Acq: 4 Mar 2015 4:48

Instrument :

BNA_F

ClientSampleId :

VMA-2

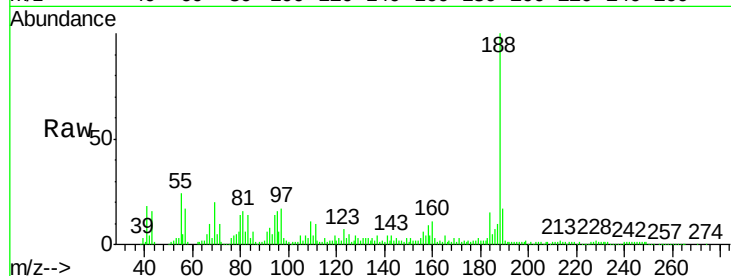
Tgt Ion:188 Resp: 355515

Ion Ratio Lower Upper

188 100

94 13.9 7.4 11.2#

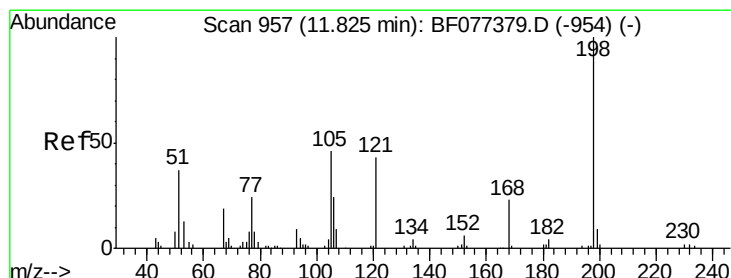
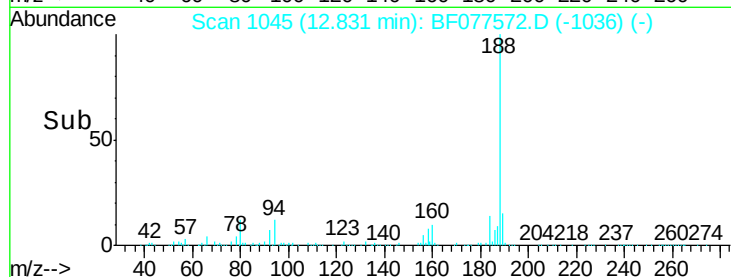
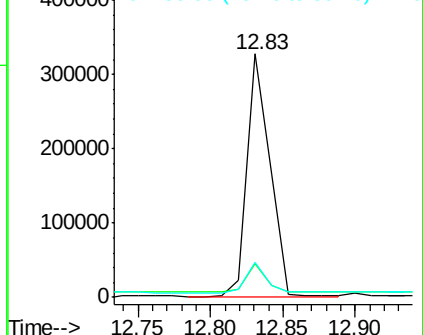
80 14.3 8.0 12.0#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 4.46 ng

RT: 11.76 min Scan# 952

Delta R.T. 0.02 min

Lab File: BF077572.D

Acq: 4 Mar 2015 4:48

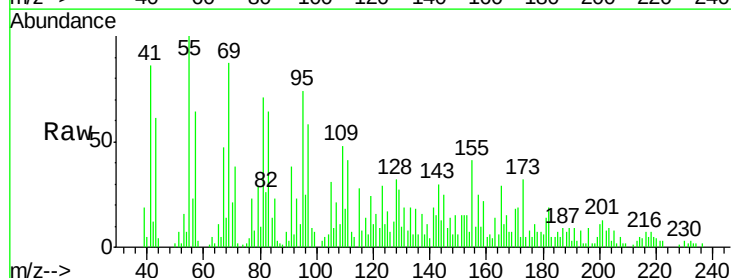
Tgt Ion:198 Resp: 1155

Ion Ratio Lower Upper

198 100

51 328.5 2.7 42.7#

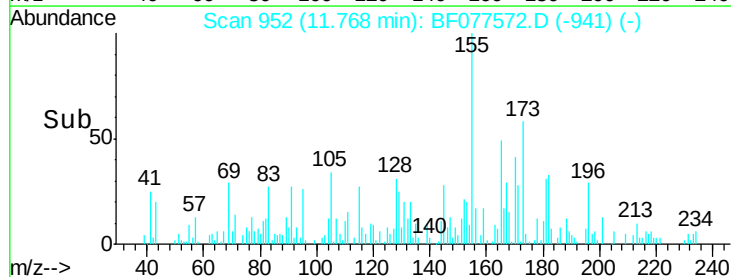
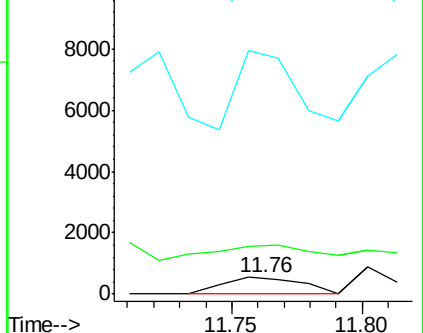
105 1564.8 10.0 50.0#

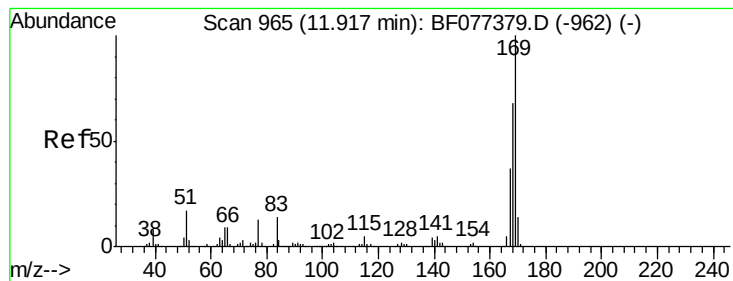


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 2.13 ng

RT: 11.82 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF077572.D

Acq: 4 Mar 2015 4:48

Instrument :

BNA_F

ClientSampleId :

VMA-2

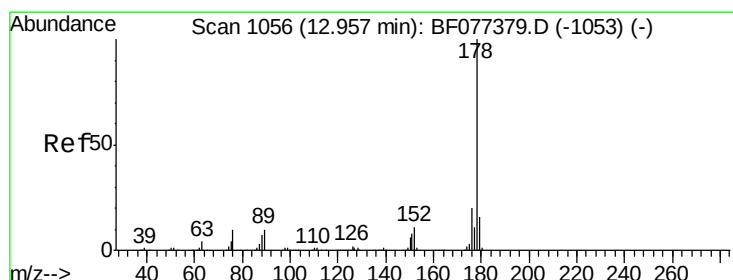
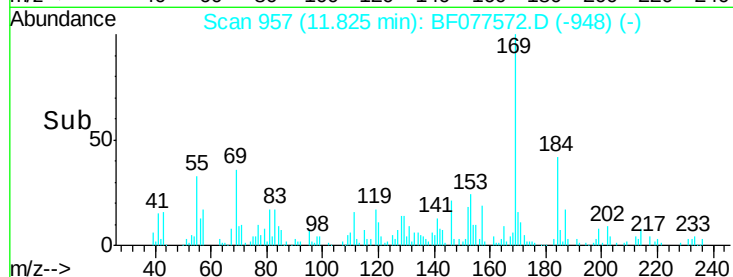
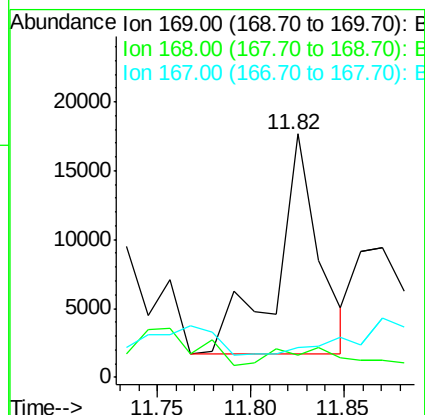
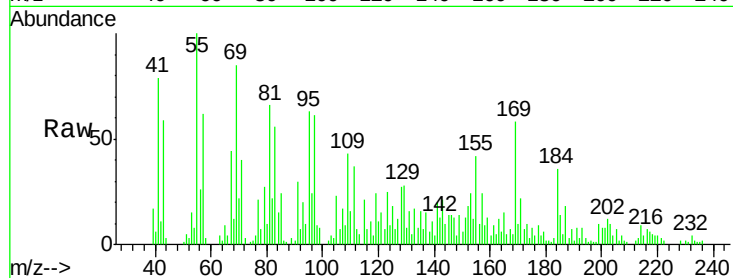
Tgt Ion:169 Resp: 25168

Ion Ratio Lower Upper

169 100

168 9.1 53.0 79.6#

167 12.3 29.5 44.3#



#70

Phenanthrene

Concen: 3.98 ng

RT: 12.86 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF077572.D

Acq: 4 Mar 2015 4:48

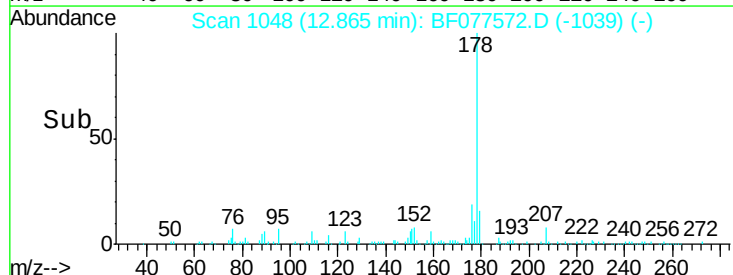
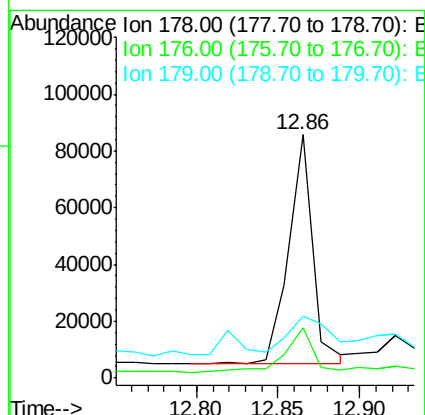
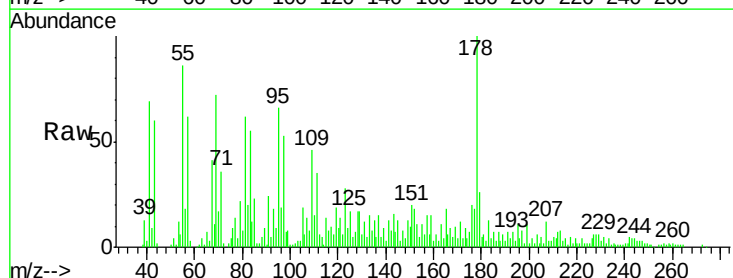
Tgt Ion:178 Resp: 81993

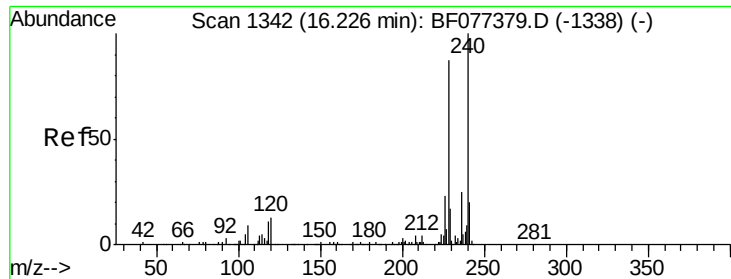
Ion Ratio Lower Upper

178 100

176 20.5 15.5 23.3

179 25.7 12.2 18.2#

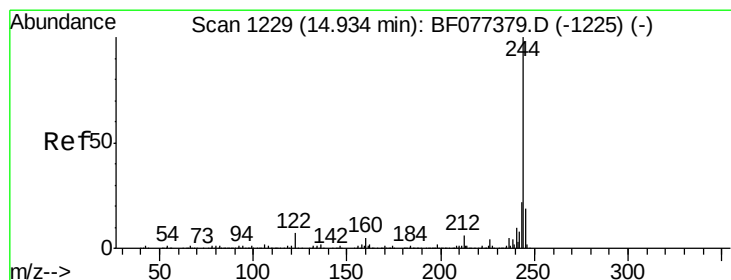
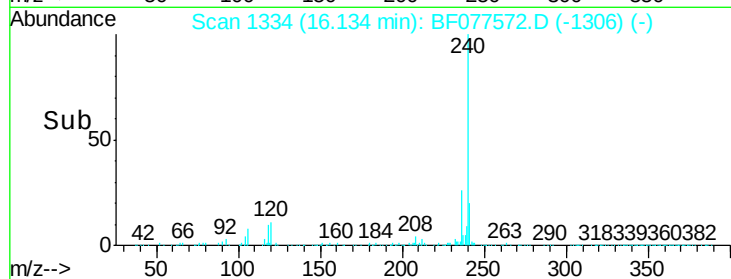
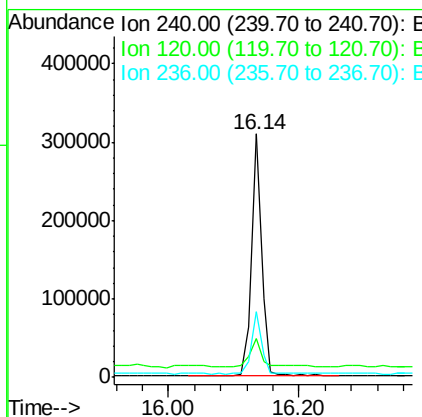
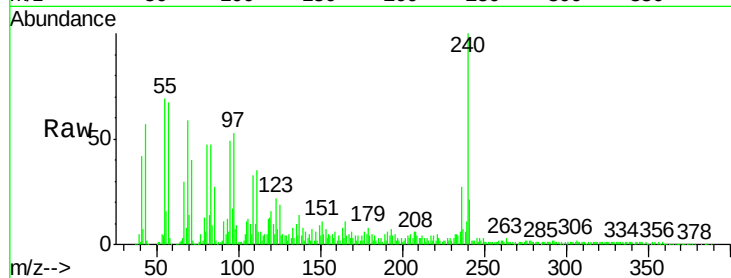




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.14 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF077572.D
Acq: 4 Mar 2015 4:48

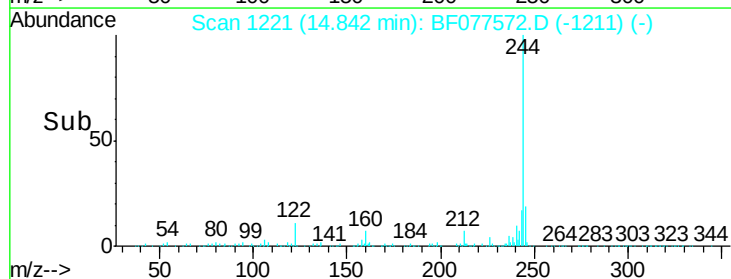
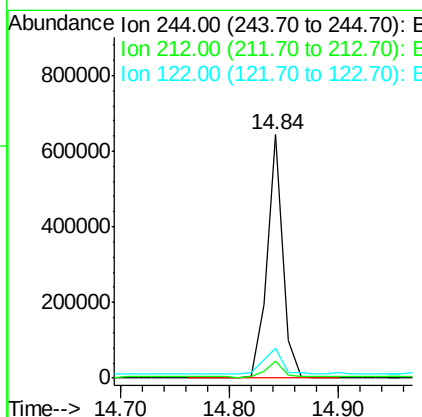
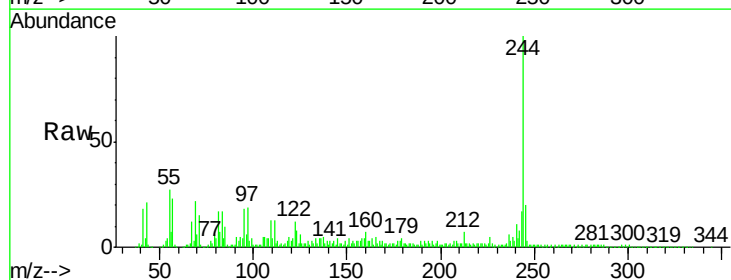
Instrument :
BNA_F
ClientSampleId :
VMA-2

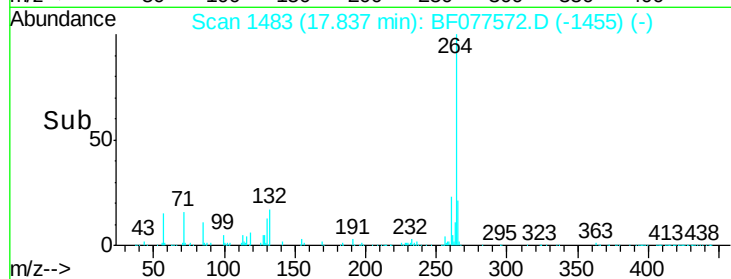
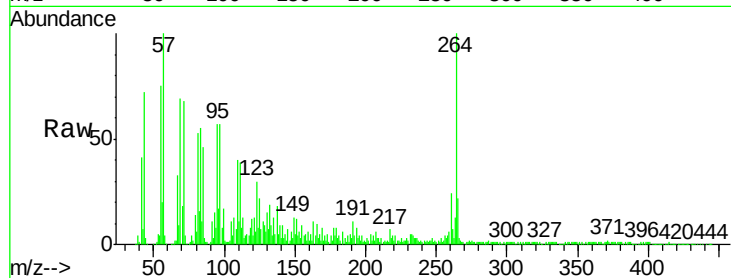
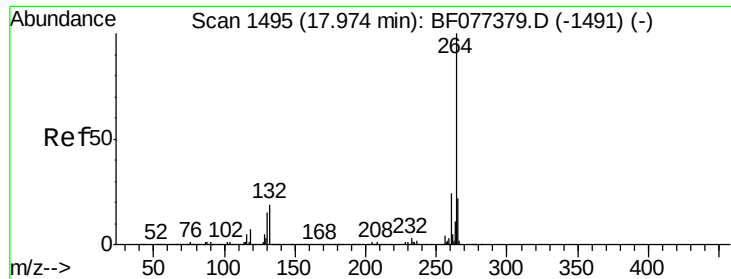
Tgt Ion:240 Resp: 333034
Ion Ratio Lower Upper
240 100
120 15.9 8.8 13.2#
236 27.1 20.7 31.1



#78
Terphenyl-d14
Concen: 45.33 ng
RT: 14.84 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF077572.D
Acq: 4 Mar 2015 4:48

Tgt Ion:244 Resp: 645828
Ion Ratio Lower Upper
244 100
212 7.1 5.2 7.8
122 12.3 7.8 11.8#





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.84 min Scan# 1483

Delta R.T. 0.02 min

Lab File: BF077572.D

Acq: 4 Mar 2015 4:48

Instrument :

BNA_F

ClientSampleId :

VMA-2

Tgt Ion: 264 Resp: 326705

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 22.4 16.8 25.2

