

Data Path : Z:\HPCHEM1\BNA F\Data\BF020315\
 Data File : BF077172.D
 Acq On : 3 Feb 2015 21:11
 Operator : TP/IZ
 Sample : G1199-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-054A-13015

Quant Time: Feb 04 02:48:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 01:28:22 2015
 Response via : Initial Calibration

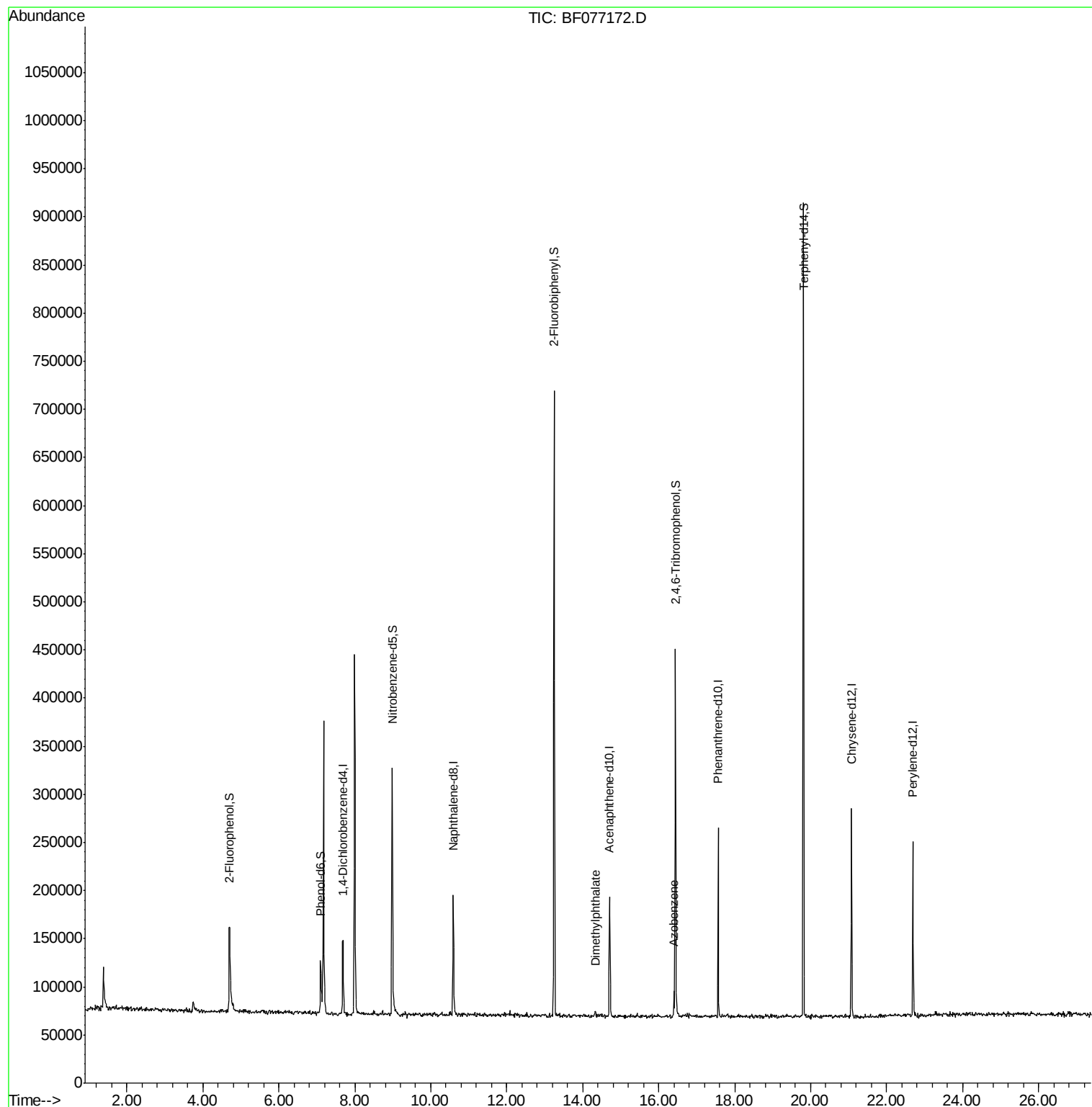
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	25213	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	102093	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	50676	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	96670	20.00	ng	0.00
75) Chrysene-d12	21.07	240	97577	20.00	ng	0.00
86) Perylene-d12	22.69	264	88695	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.70	112	71486	46.62	ng	0.01
7) Phenol-d6	7.09	99	51222	26.48	ng	0.00
23) Nitrobenzene-d5	8.99	82	161368	87.57	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	55424	134.74	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	346485	104.05	ng	0.00
78) Terphenyl-d14	19.81	244	383777	90.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.33	163	7247	2.02	ng	# 89
62) Azobenzene	16.40	77	8042	2.13	ng	# 1

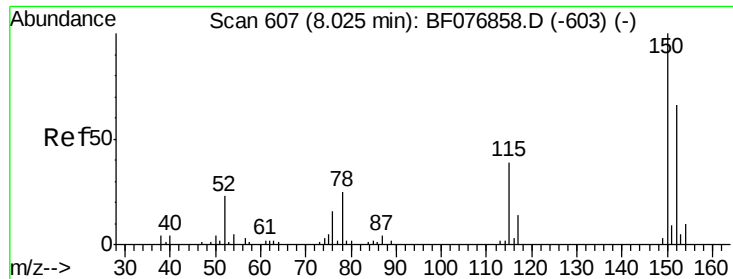
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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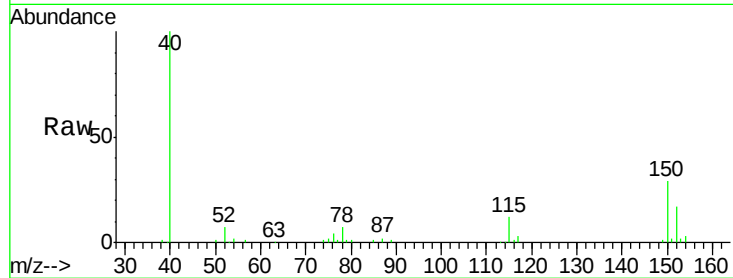


#1

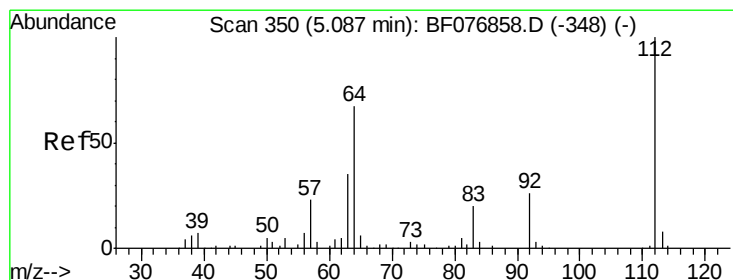
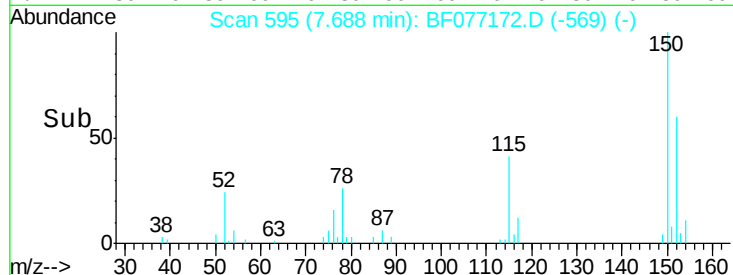
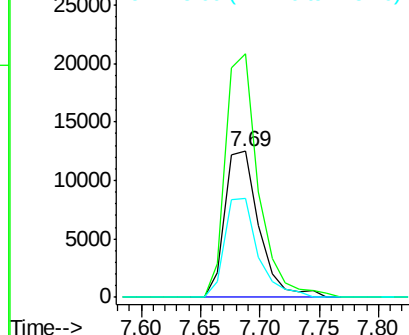
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077172.D
Acq: 3 Feb 2015 21:11

Instrument :
BNA_F
ClientSampleId :
DCW-WW-054A-13015

Tot Ion:152 Resp: 25213
Ion Ratio Lower Upper
152 100
150 166.6 121.7 182.5
115 68.1 47.0 70.6



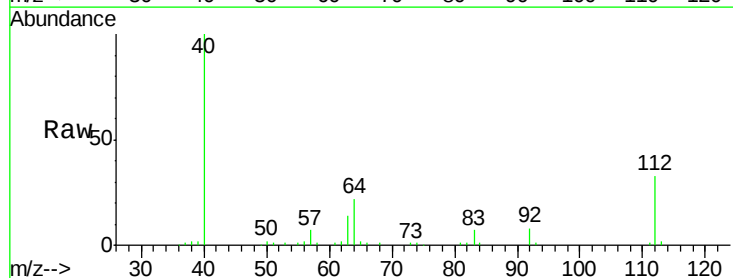
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



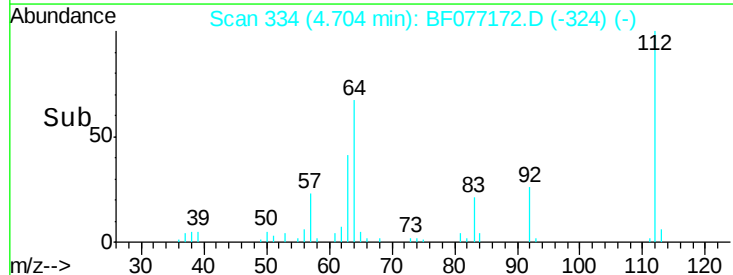
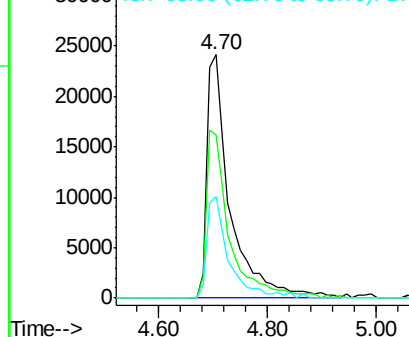
#5

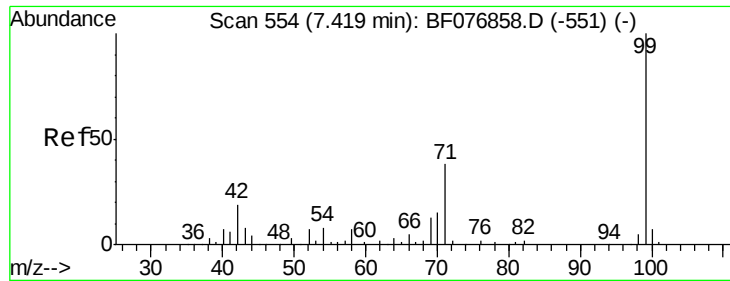
2-Fluorophenol
Concen: 46.62 ng
RT: 4.70 min Scan# 334
Delta R.T. 0.01 min
Lab File: BF077172.D
Acq: 3 Feb 2015 21:11

Tgt Ion:112 Resp: 71486
Ion Ratio Lower Upper
112 100
64 67.1 54.2 81.4
63 41.4 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: 26.48 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077172.D

Acq: 3 Feb 2015 21:11

Instrument :

BNA_F

ClientSampleId :

DCW-WW-054A-13015

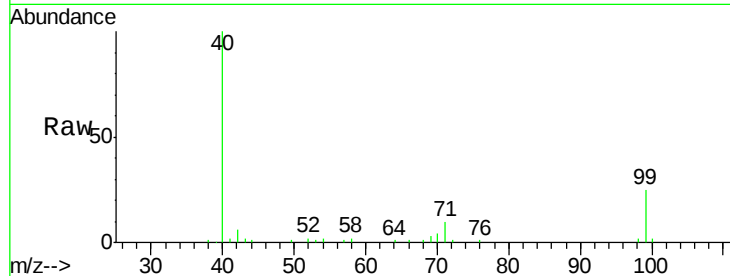
Tot Ion: 99 Resp: 51222

Ion Ratio Lower Upper

99 100

42 21.9 15.0 22.4

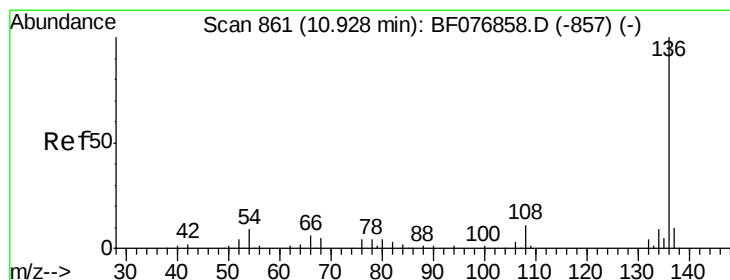
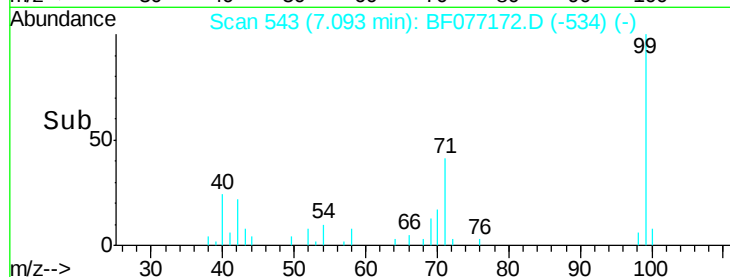
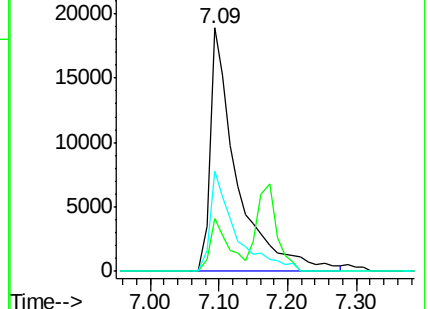
71 41.1 30.5 45.7



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: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF077172.D

Acq: 3 Feb 2015 21:11

Tgt Ion: 136 Resp: 102093

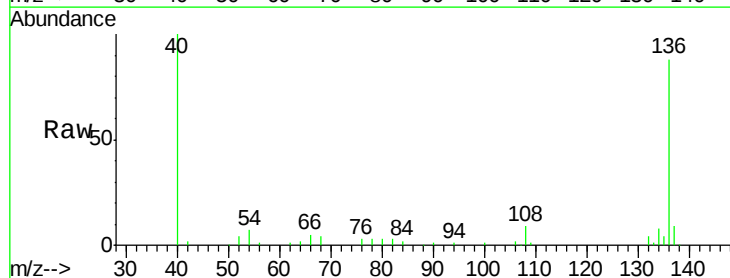
Ion Ratio Lower Upper

136 100

137 10.0 8.1 12.1

54 8.3 7.0 10.4

68 4.7 3.7 5.5

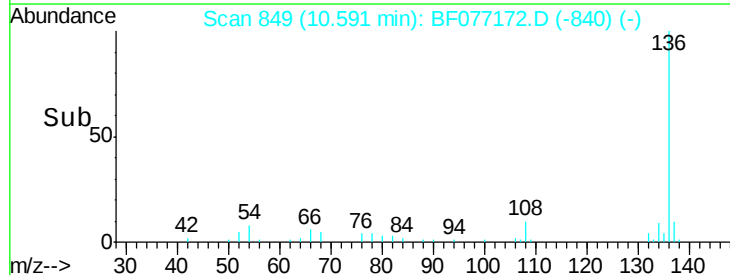
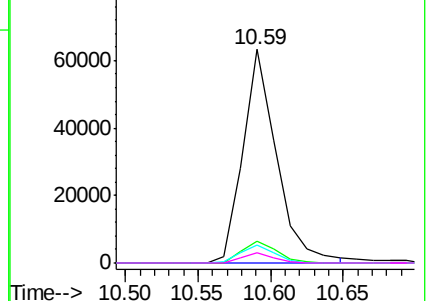


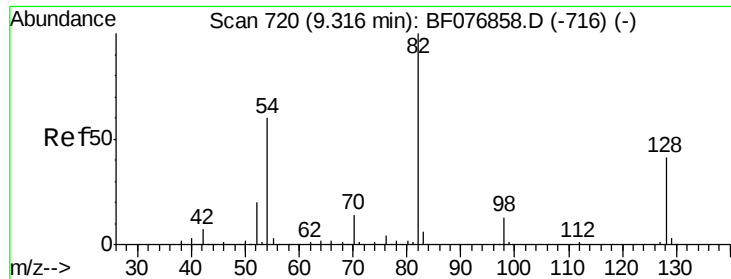
Abundance Ion 136.00 (135.70 to 136.70): E

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

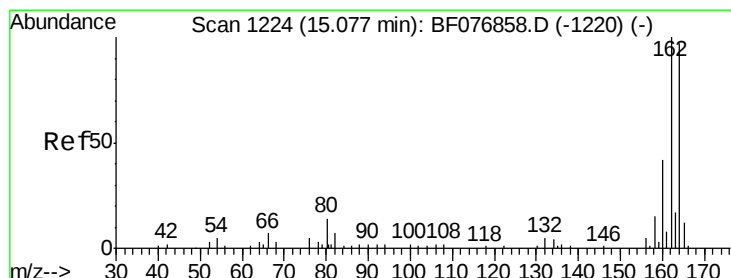
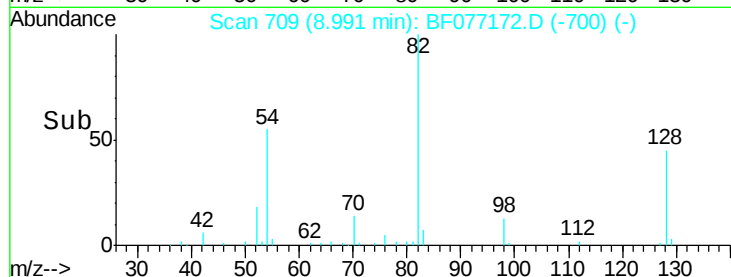
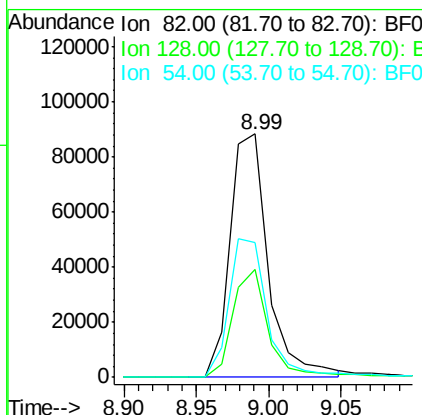
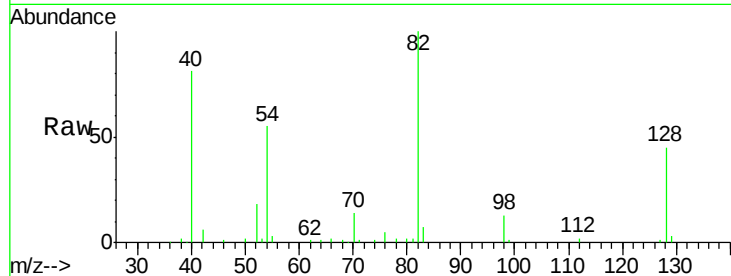




#23
 Nitrobenzene-d5
 Concen: 87.57 ng
 RT: 8.99 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF077172.D
 Acq: 3 Feb 2015 21:11

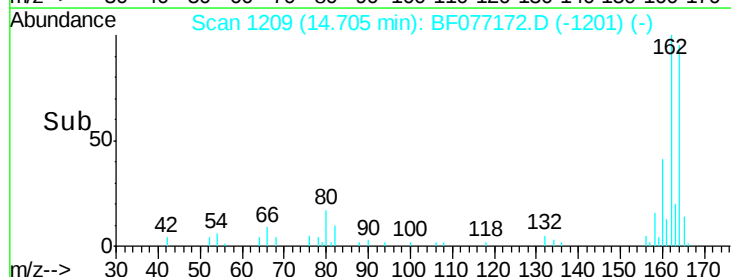
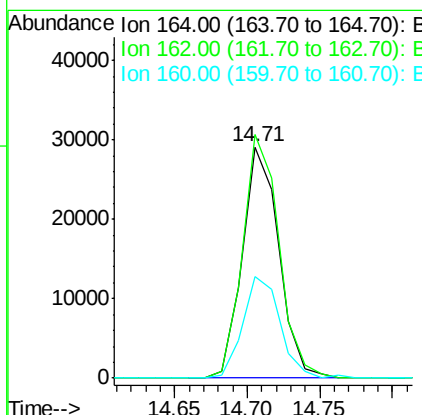
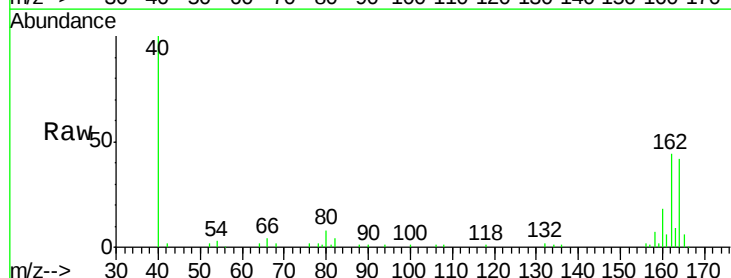
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-054A-13015

Tot Ion: 82 Resp: 161368
 Ion Ratio Lower Upper
 82 100
 128 44.5 33.1 49.7
 54 55.1 48.3 72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF077172.D
 Acq: 3 Feb 2015 21:11

Tgt Ion: 164 Resp: 50676
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.4 123.6
 160 43.7 34.8 52.2

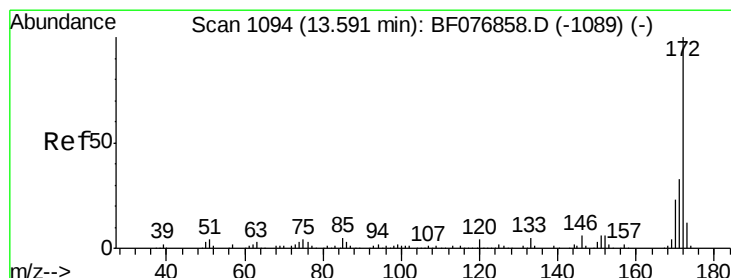
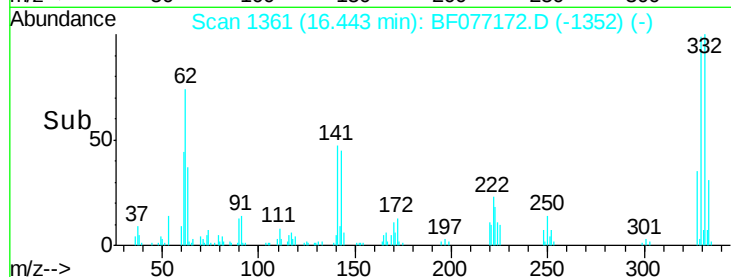
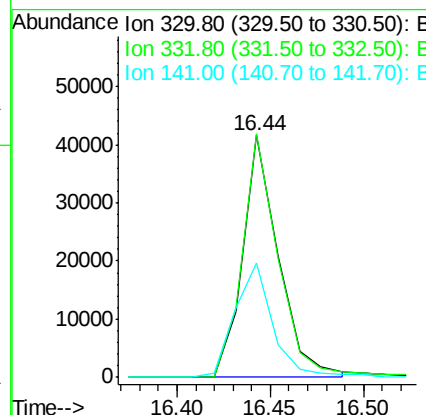
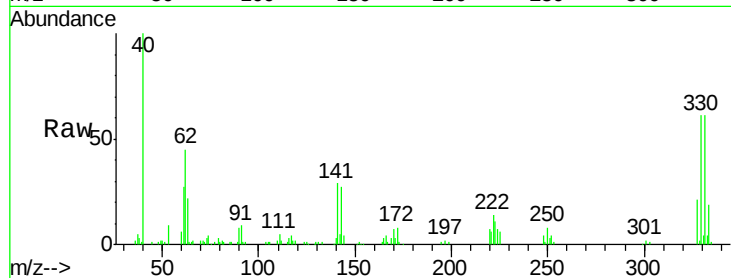




#41
 2,4,6-Tribromophenol
 Concen: 134.74 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF077172.D
 Acq: 3 Feb 2015 21:11

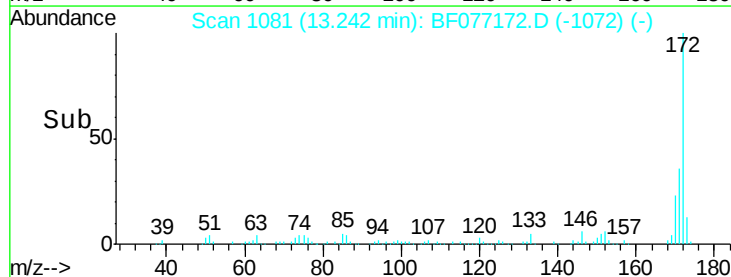
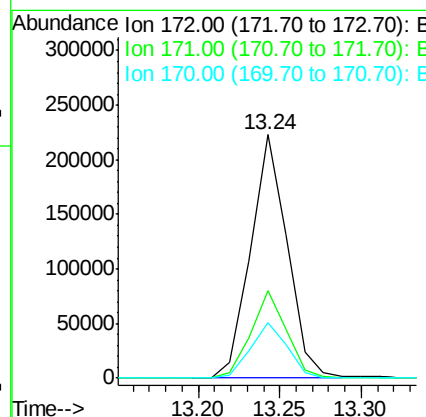
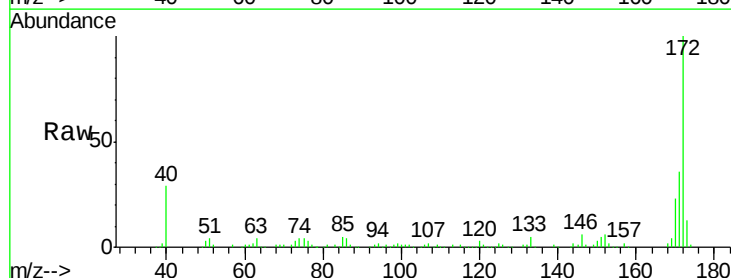
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-054A-13015

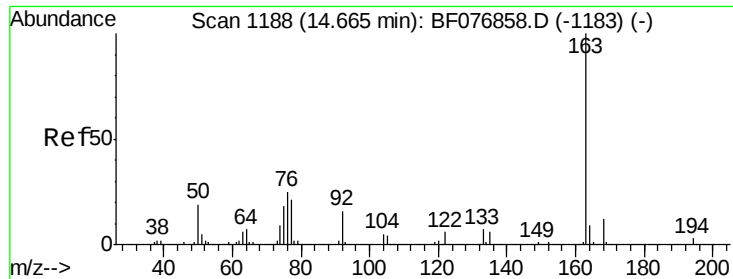
Tot Ion:330 Resp: 55424
 Ion Ratio Lower Upper
 330 100
 332 100.1 77.8 116.6
 141 50.4 38.5 57.7



#44
 2-Fluorobiphenyl
 Concen: 104.05 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF077172.D
 Acq: 3 Feb 2015 21:11

Tgt Ion:172 Resp: 346485
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.6 40.0
 170 22.8 18.0 27.0





#49

Dimethylphthalate

Concen: 2.02 ng

RT: 14.33 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF077172.D

Acq: 3 Feb 2015 21:11

Instrument :

BNA_F

ClientSampleId :

DCW-WW-054A-13015

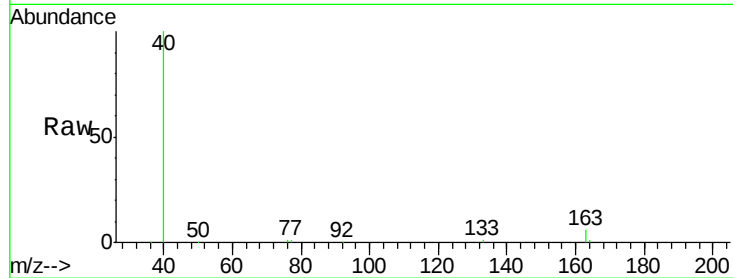
Tot Ion: 163 Resp: 7247

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

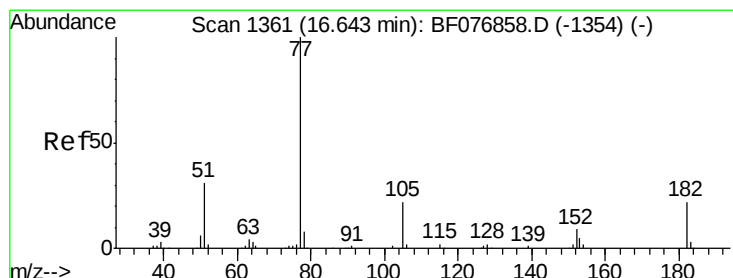
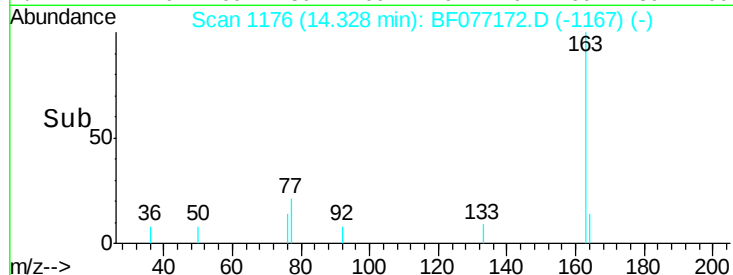
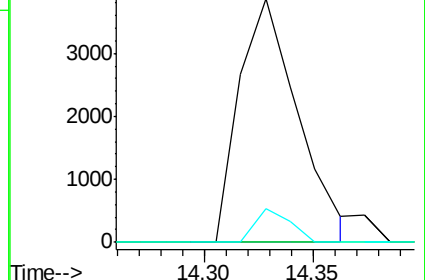
164 13.8 7.5 11.3#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#62

Azobenzene

Concen: 2.13 ng

RT: 16.40 min Scan# 1357

Delta R.T. 0.03 min

Lab File: BF077172.D

Acq: 3 Feb 2015 21:11

Tgt Ion: 77 Resp: 8042

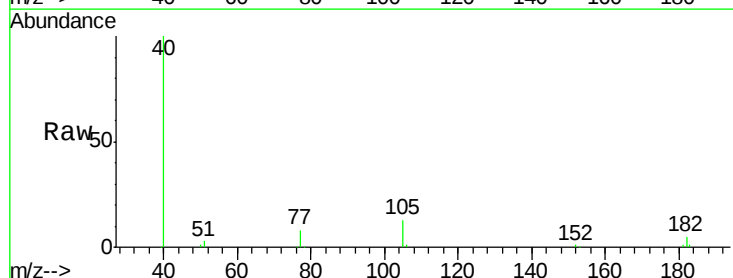
Ion Ratio Lower Upper

77 100

182 61.9 2.0 42.0#

105 153.5 2.3 42.3#

51 39.2 10.7 50.7

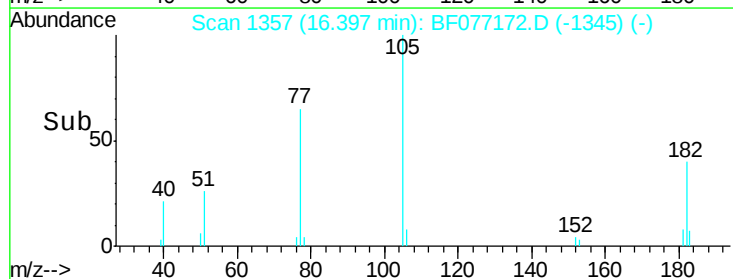
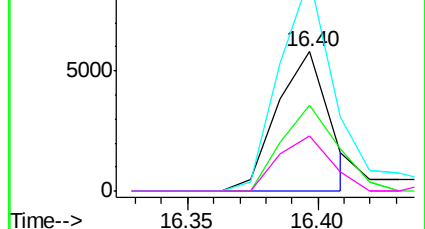


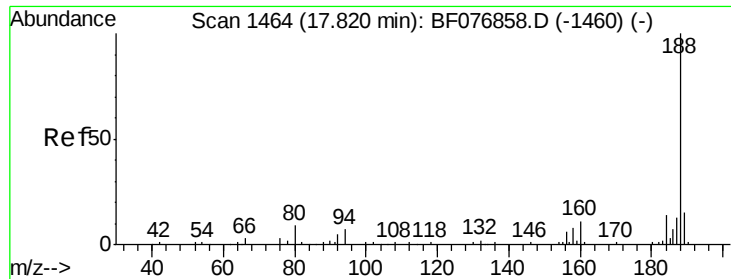
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

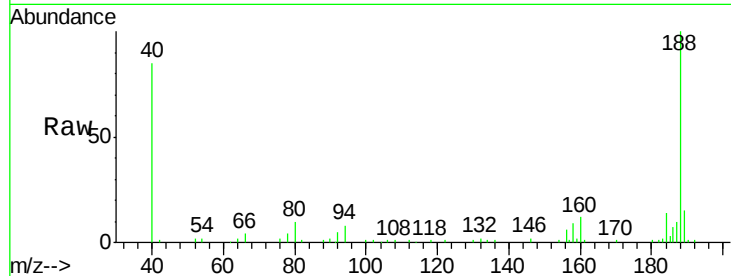




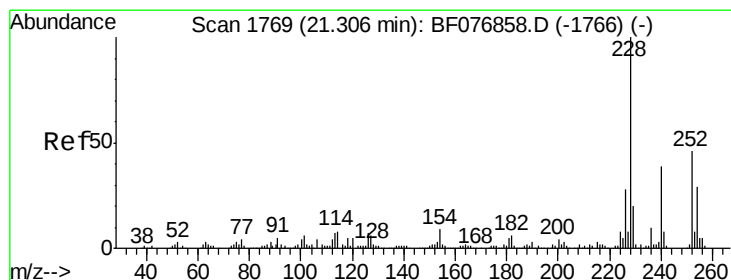
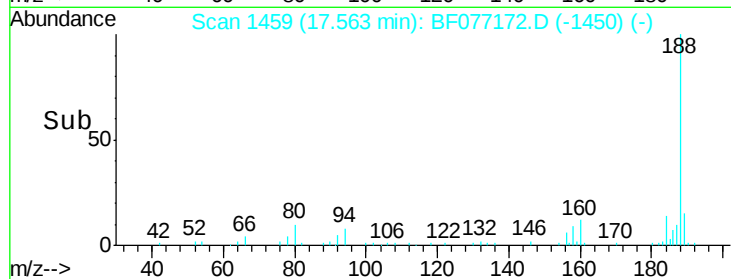
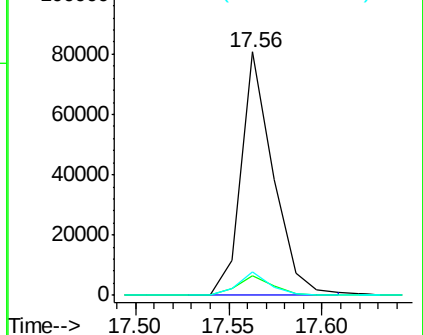
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BF077172.D
Acq: 3 Feb 2015 21:11

Instrument :
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ClientSampleId :
DCW-WW-054A-13015

Tot Ion:188 Resp: 96670
Ion Ratio Lower Upper
188 100
94 8.3 6.0 9.0
80 9.7 6.9 10.3

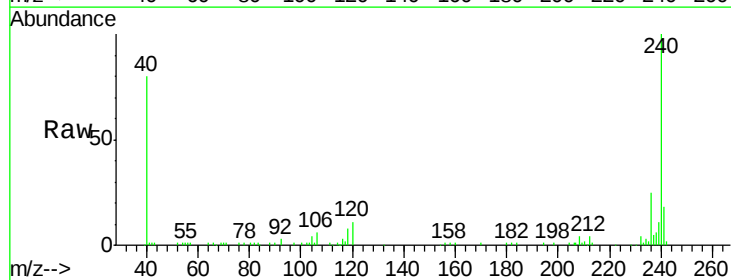


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

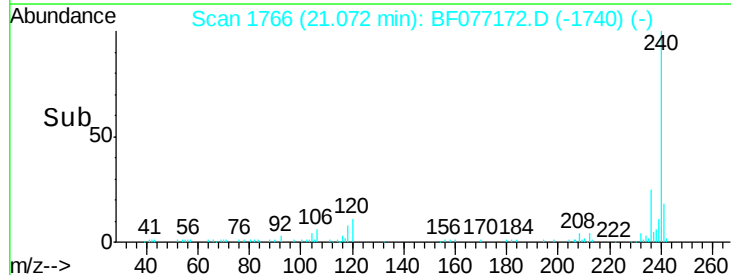
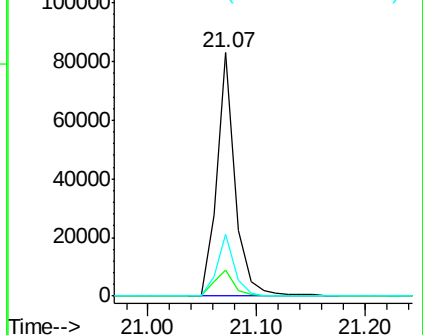


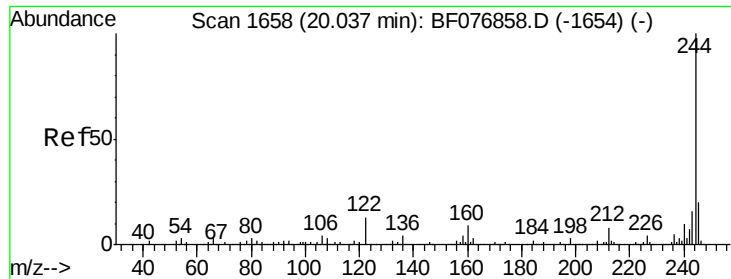
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.07 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF077172.D
Acq: 3 Feb 2015 21:11

Tgt Ion:240 Resp: 97577
Ion Ratio Lower Upper
240 100
120 10.8 10.4 15.6
236 25.5 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





#78

Terphenyl-d14

Concen: 90.55 ng

RT: 19.81 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BF077172.D

Acq: 3 Feb 2015 21:11

Instrument :

BNA_F

ClientSampleId :

DCW-WW-054A-13015

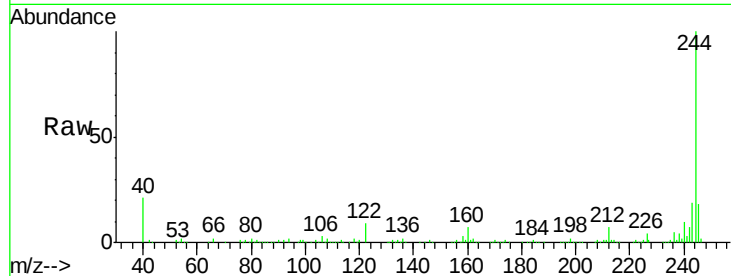
Tot Ion:244 Resp: 383777

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

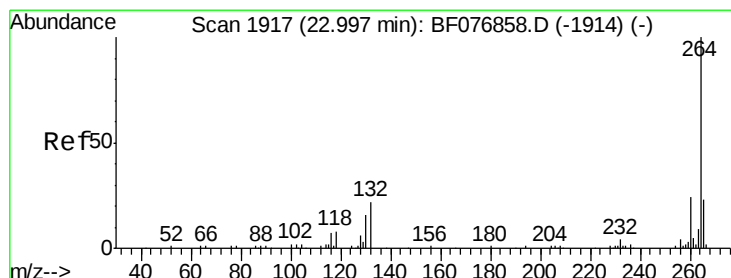
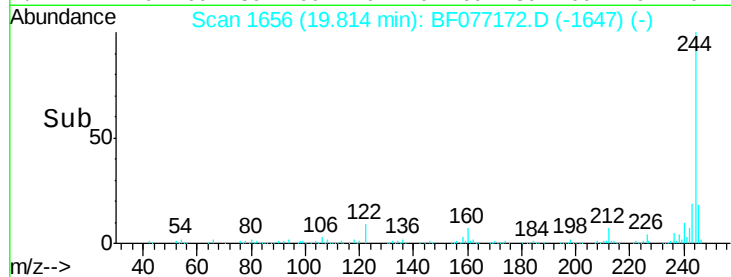
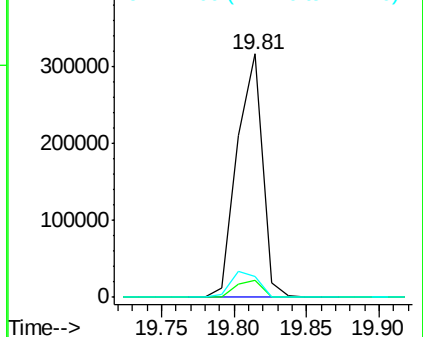
122 8.6 10.1 15.1#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 22.69 min Scan# 1908

Delta R.T. -0.06 min

Lab File: BF077172.D

Acq: 3 Feb 2015 21:11

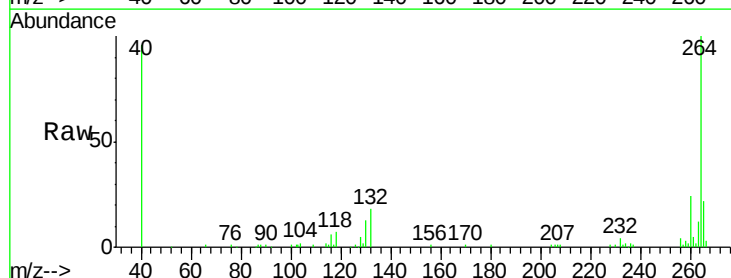
Tgt Ion:264 Resp: 88695

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 22.4 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

