

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082928.D
 Acq On : 14 Nov 2015 7:11
 Operator : UM/IZ
 Sample : G4383-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URS-MW-04

Quant Time: Nov 16 00:15:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

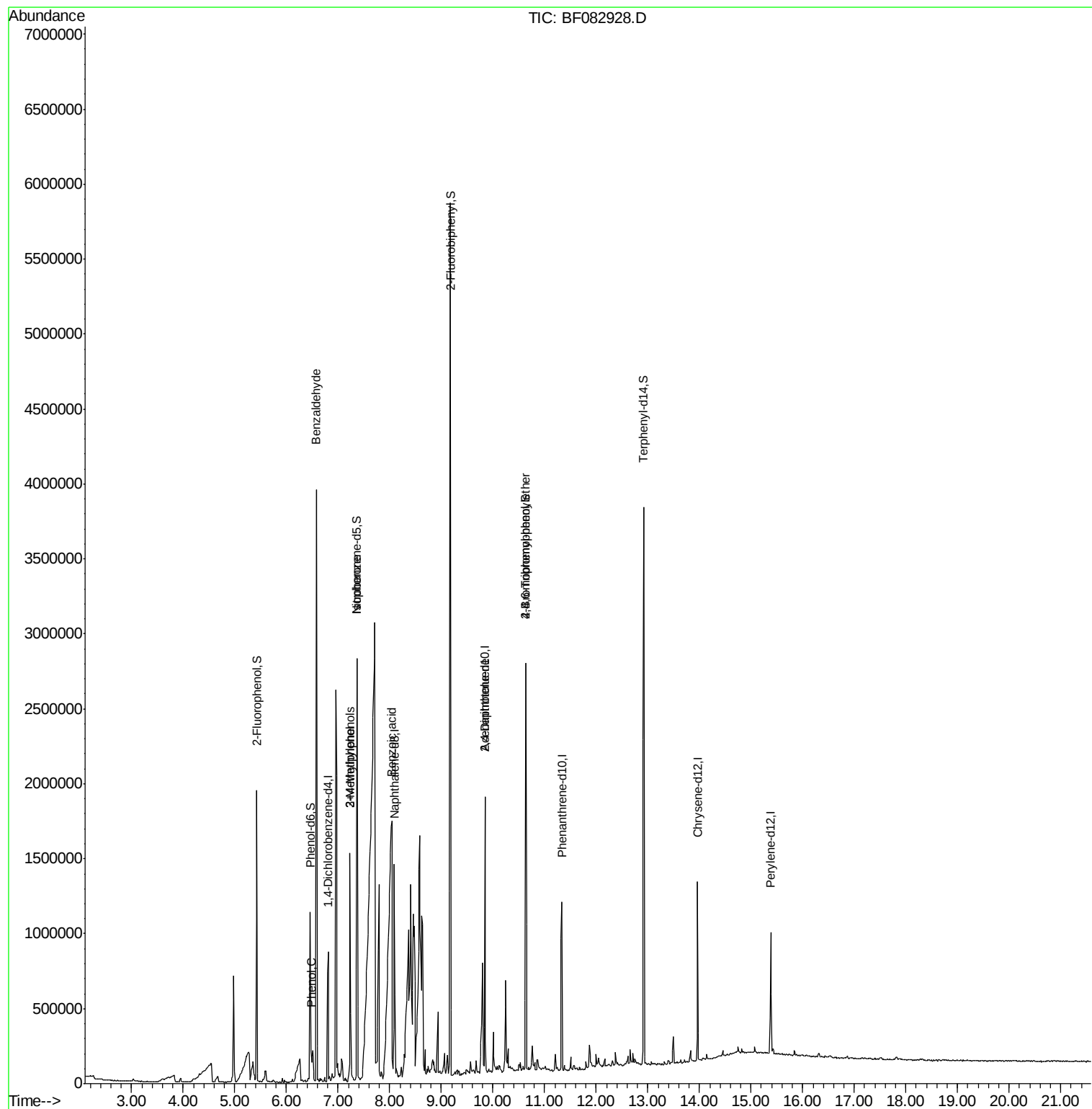
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	181389	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	635280	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	334571	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	559288	20.00	ng	-0.05
75) Chrysene-d12	13.96	240	385022	20.00	ng	-0.06
86) Perylene-d12	15.38	264	393035	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	599341	51.41	ng	-0.02
7) Phenol-d6	6.46	99	533238	34.41	ng	-0.01
23) Nitrobenzene-d5	7.37	82	979492	67.09	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	345711	90.12	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1614631	69.17	ng	-0.05
78) Terphenyl-d14	12.92	244	1377332	84.85	ng	-0.04
Target Compounds						Qvalue
9) Benzaldehyde	6.58	77	24703	2.89	ng	89
10) Phenol	6.48	94	35674	2.03	ng	76
17) 2-Methylphenol	7.23	107	370478	33.85	ng	# 67
20) 3+4-Methylphenols	7.23	107	371221	26.08	ng	# 57
25) Isophorone	7.37	82	969915	35.90	ng	# 69
32) Benzoic acid	8.04	122	1548982	202.04	ng	# 87
56) 2,4-Dinitrotoluene	9.85	165	44070	5.55	ng	# 16
66) 4-Bromophenyl-phenylether	10.64	248	21922	3.26	ng	# 1

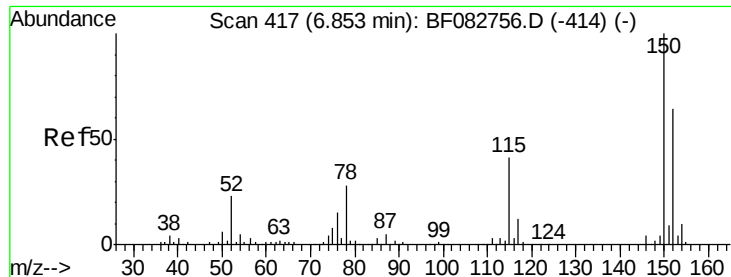
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
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ALS Vial : 34 Sample Multiplier: 1

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF082928.D

Acq: 14 Nov 2015 7:11

Instrument :

BNA_F

ClientSampleId :

URS-MW-04

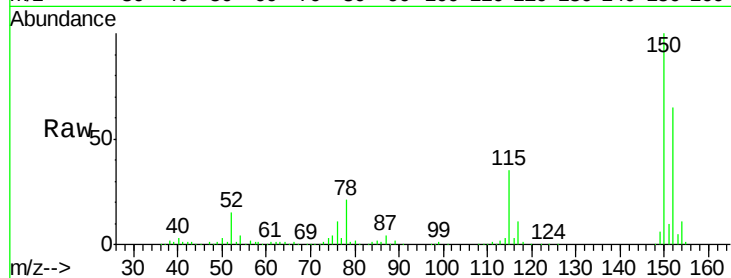
Tgt Ion:152 Resp: 181389

Ion Ratio Lower Upper

152 100

150 154.6 127.0 190.4

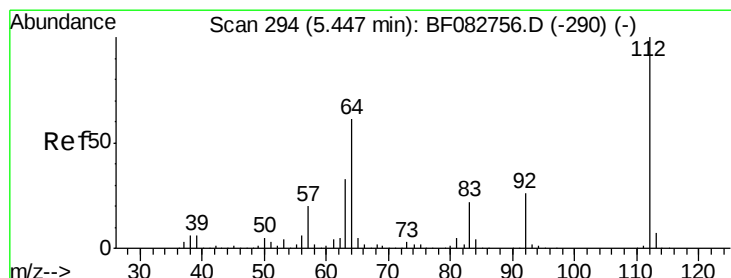
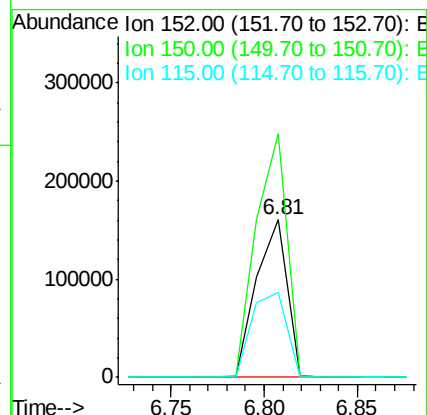
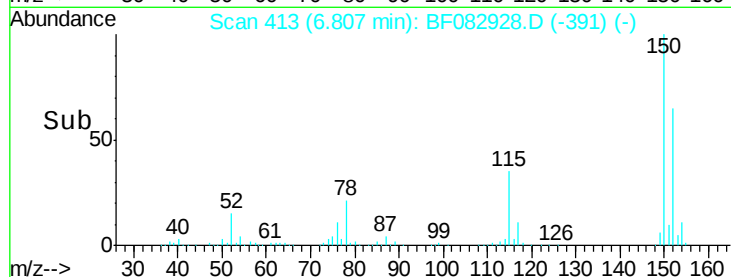
115 53.8 47.0 70.6



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: 51.41 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082928.D

Acq: 14 Nov 2015 7:11

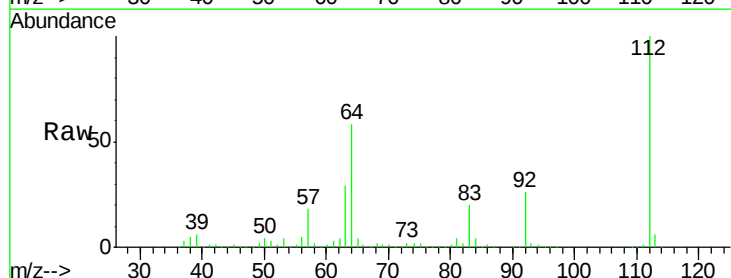
Tgt Ion:112 Resp: 599341

Ion Ratio Lower Upper

112 100

64 58.0 48.9 73.3

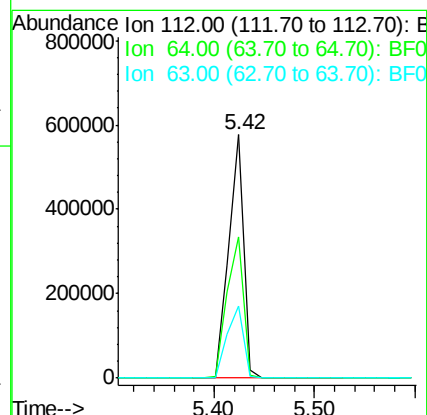
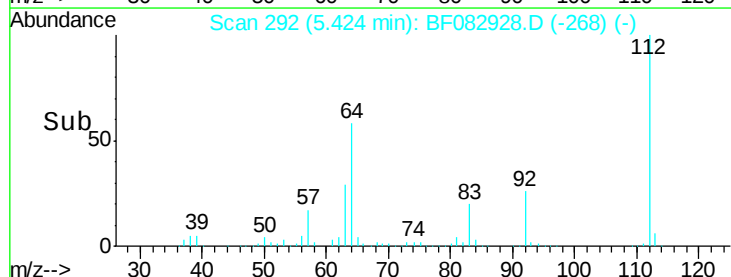
63 29.5 28.1 42.1

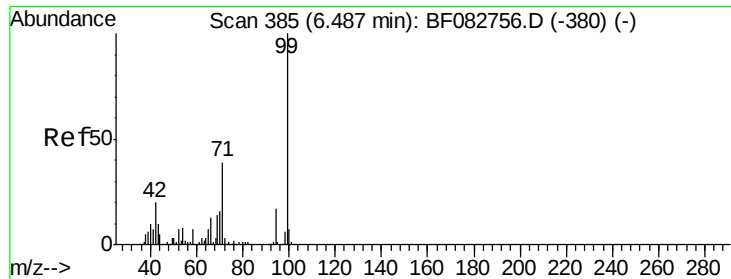


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.41 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082928.D

Acq: 14 Nov 2015 7:11

Instrument :

BNA_F

ClientSampleId :

URS-MW-04

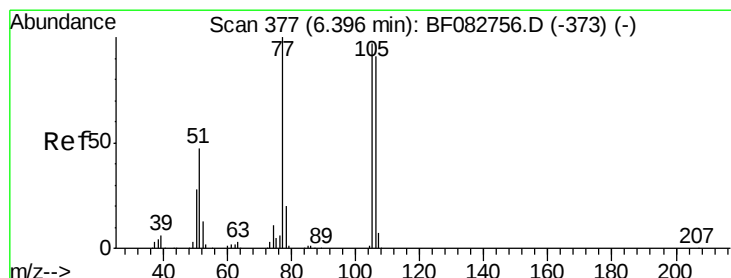
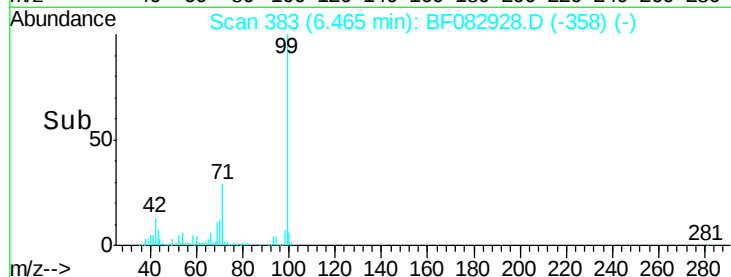
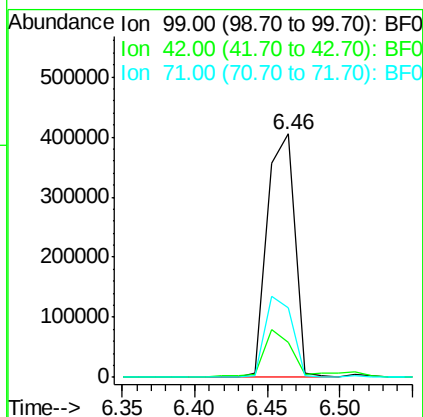
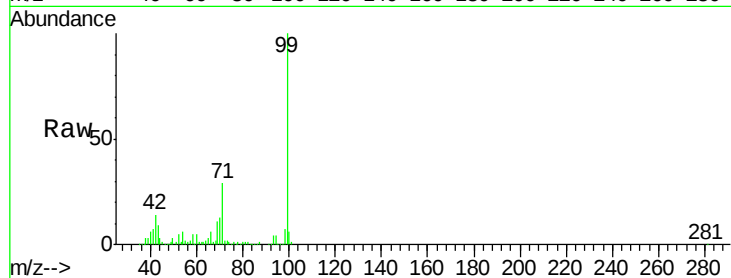
Tgt Ion: 99 Resp: 533238

Ion Ratio Lower Upper

99 100

42 14.1 19.2 28.8#

71 28.8 35.0 52.4#



#9

Benzaldehyde

Concen: 2.89 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.18 min

Lab File: BF082928.D

Acq: 14 Nov 2015 7:11

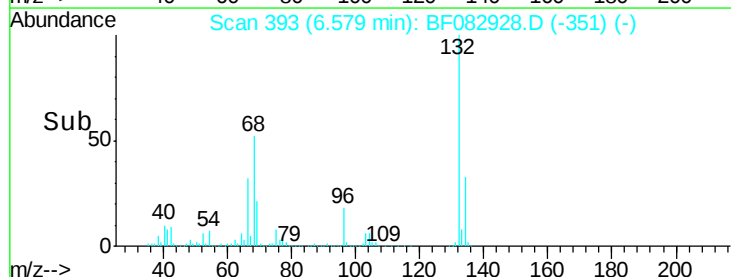
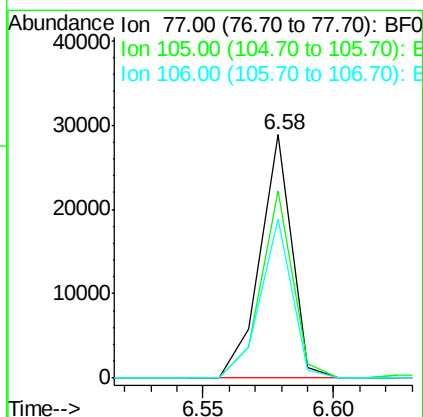
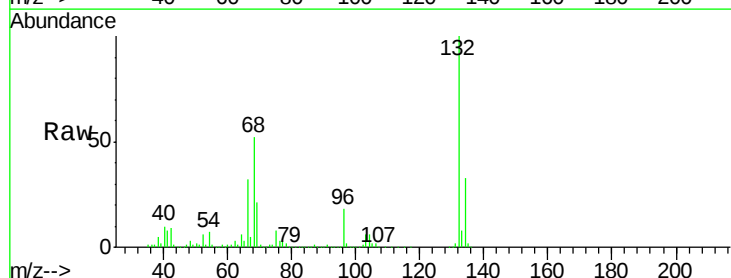
Tgt Ion: 77 Resp: 24703

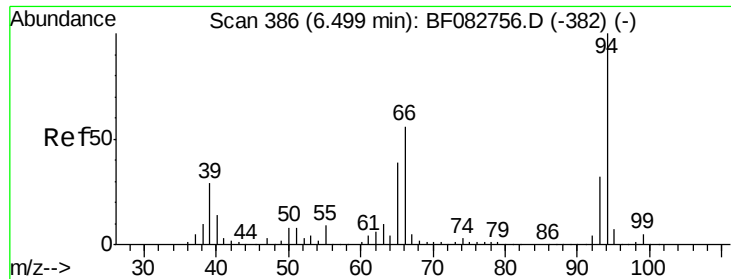
Ion Ratio Lower Upper

77 100

105 77.1 63.5 103.5

106 65.2 59.3 99.3

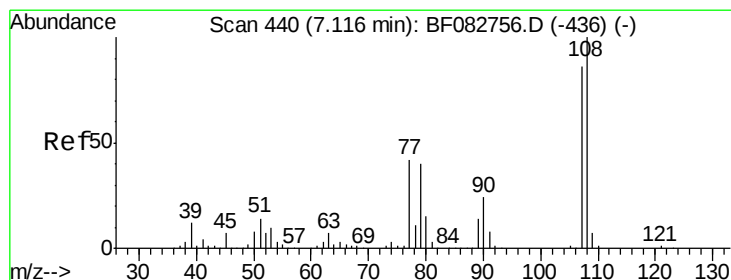
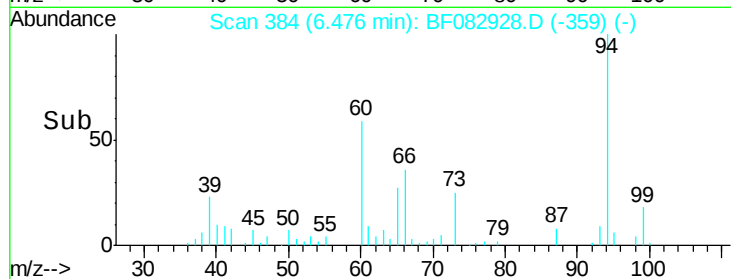
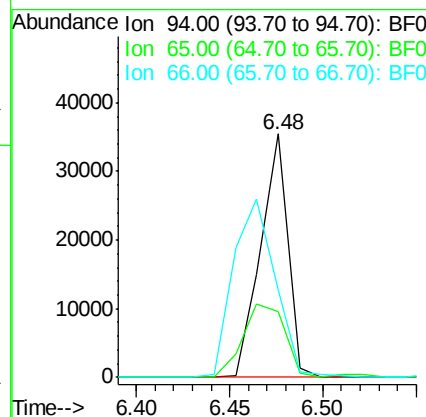
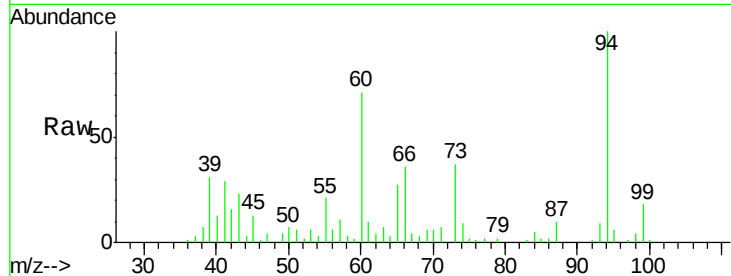




#10
Phenol
Concen: 2.03 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

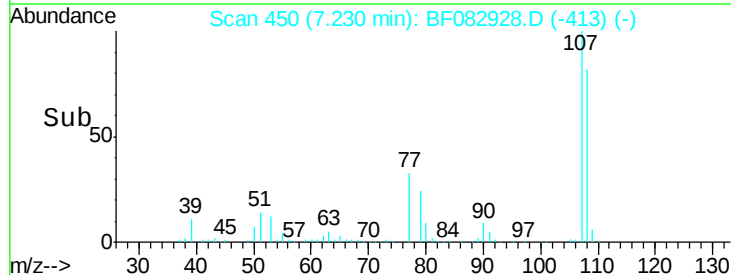
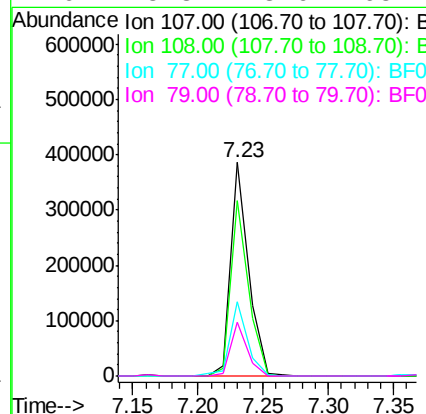
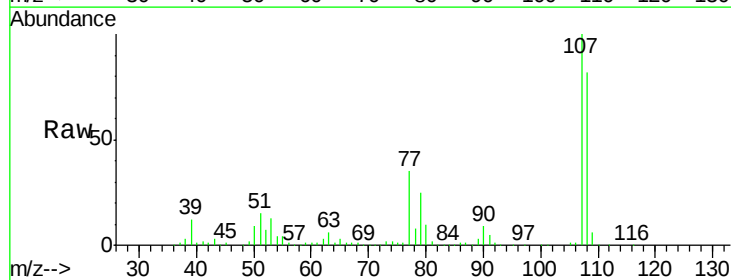
Instrument :
BNA_F
ClientSampleId :
URS-MW-04

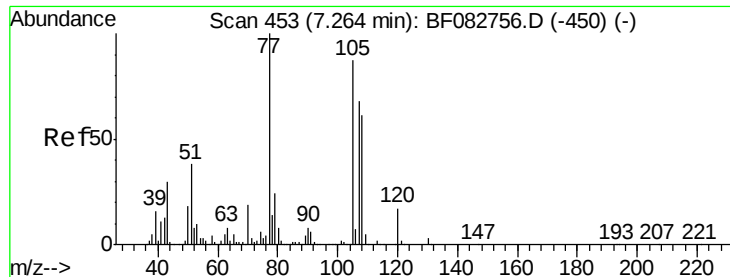
Tgt Ion: 94 Resp: 35674
Ion Ratio Lower Upper
94 100
65 26.9 18.9 58.9
66 35.8 34.9 74.9



#17
2-Methylphenol
Concen: 33.85 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.13 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

Tgt Ion: 107 Resp: 370478
Ion Ratio Lower Upper
107 100
108 82.3 93.0 139.4#
77 34.8 44.1 66.1#
79 25.3 43.6 65.4#

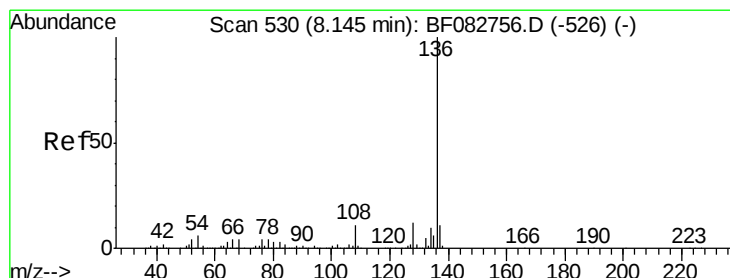
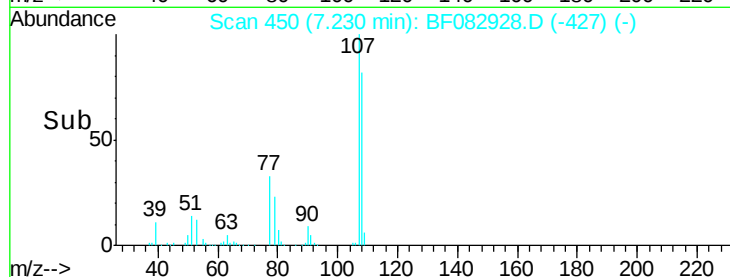
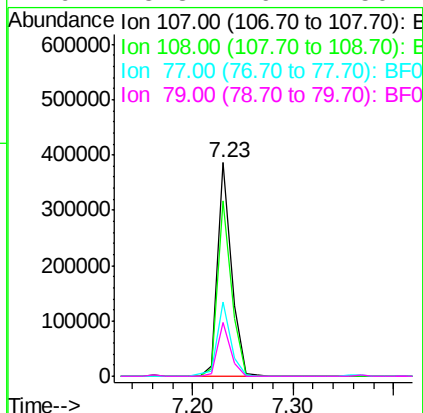
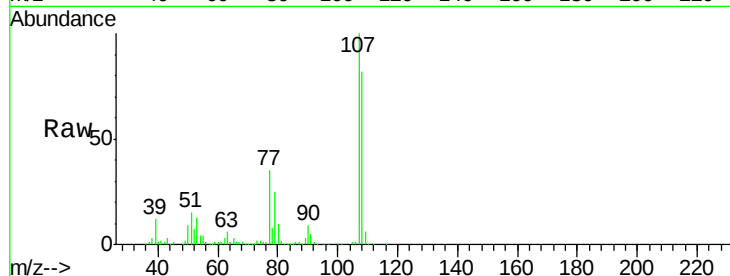




#20
3+4-Methylphenols
Concen: 26.08 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

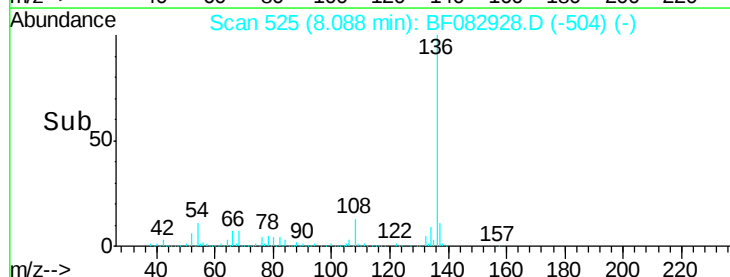
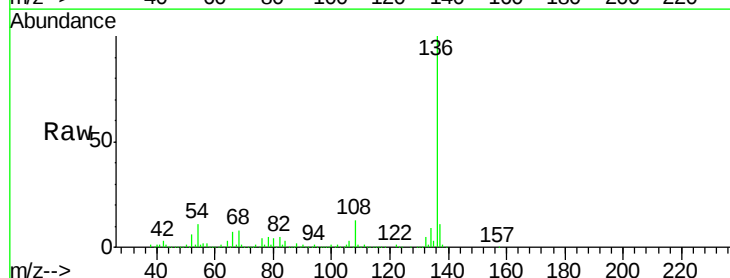
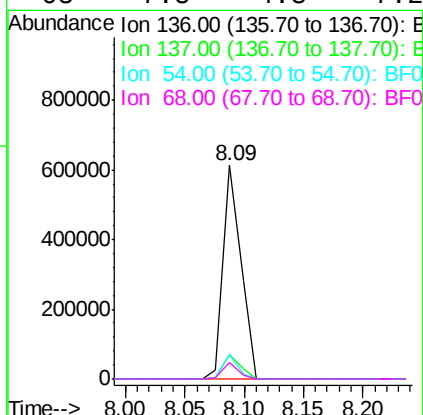
Instrument :
BNA_F
ClientSampleId :
URS-MW-04

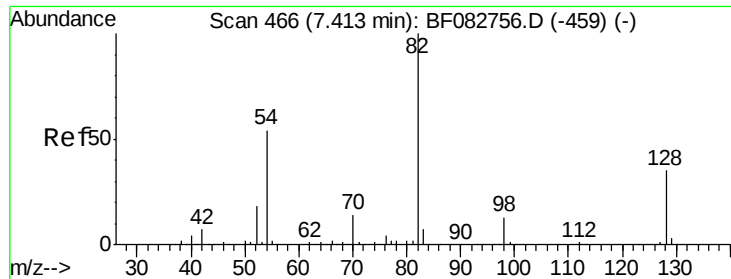
Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.3	67.3	107.3
77	34.8	100.3	140.3#
79	25.3	16.2	56.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	11.4	9.1	13.7
68	7.5	4.8	7.2#

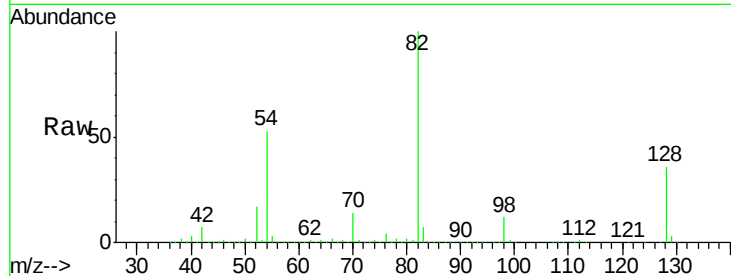




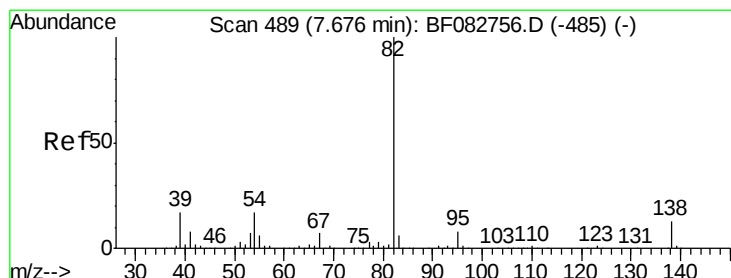
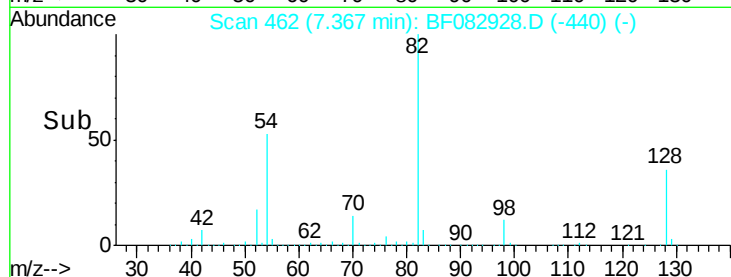
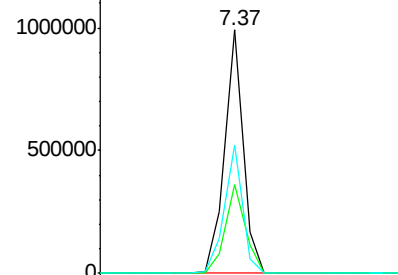
#23
 Nitrobenzene-d5
 Concen: 67.09 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082928.D
 Acq: 14 Nov 2015 7:11

Instrument :
 BNA_F
 ClientSampleId :
 URS-MW-04

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.2	26.8	40.2
54	53.0	45.7	68.5

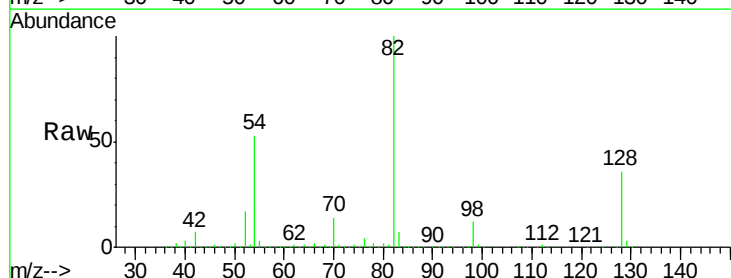


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

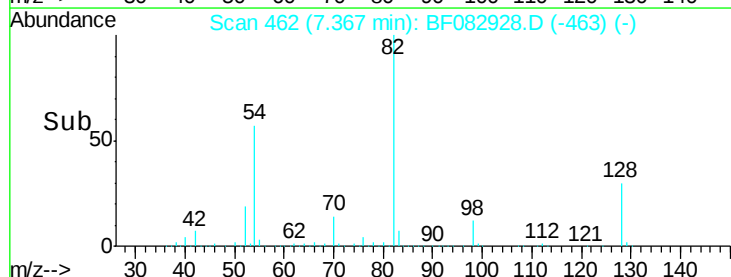
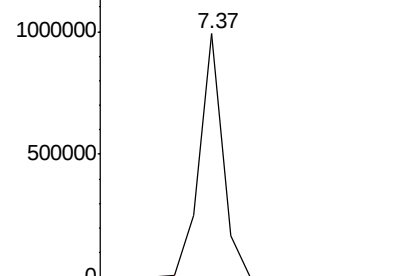


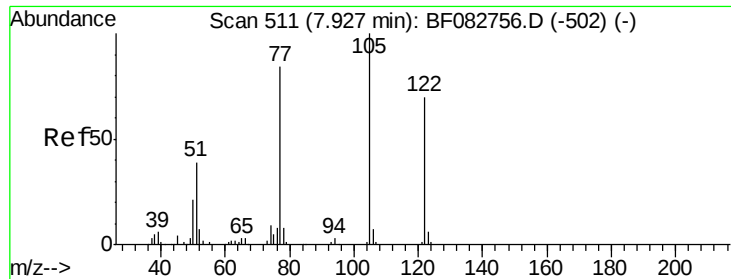
#25
 Isophorone
 Concen: 35.90 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.31 min
 Lab File: BF082928.D
 Acq: 14 Nov 2015 7:11

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	11.4	17.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

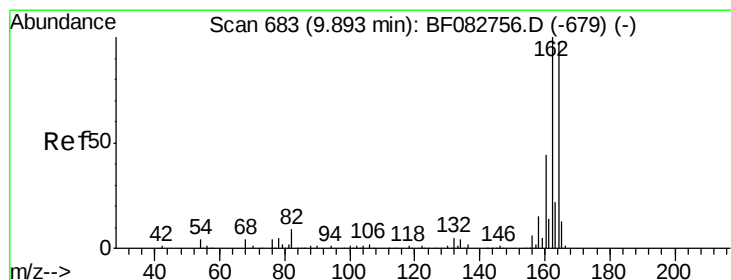
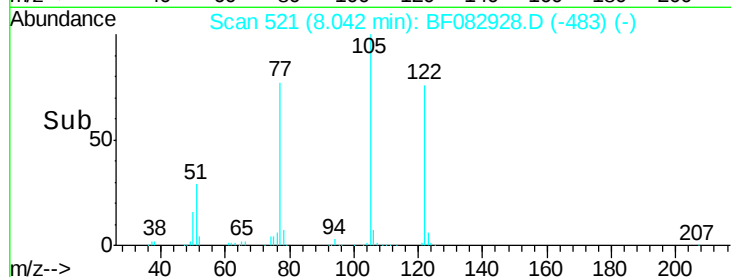
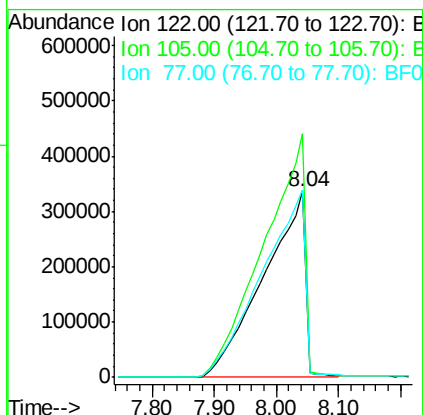
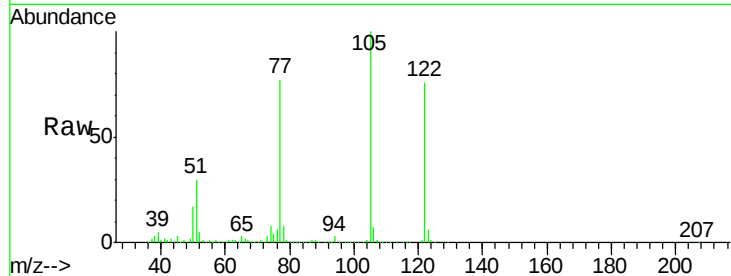




#32
Benzoic acid
Concen: 202.04 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.14 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

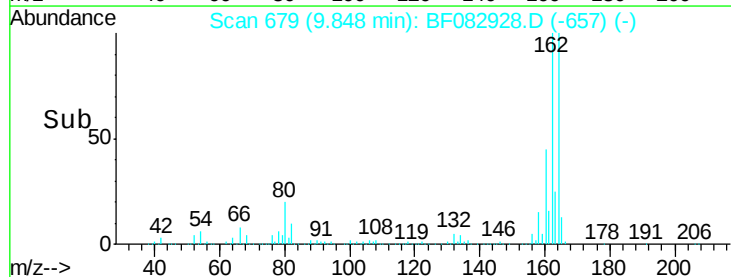
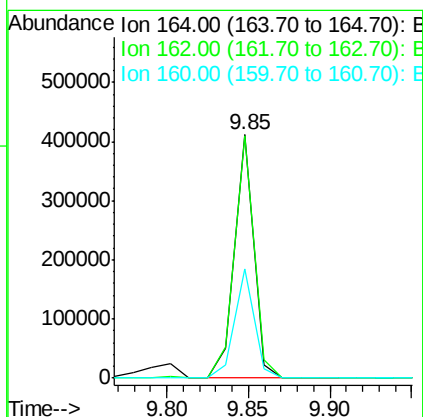
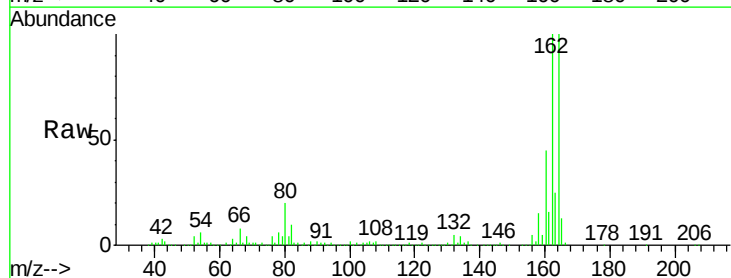
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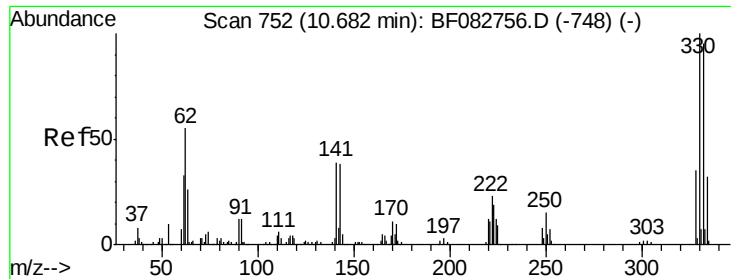
Tgt Ion:122 Resp: 1548982
Ion Ratio Lower Upper
122 100
105 130.9 122.6 162.6
77 100.6 100.9 140.9#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

Tgt Ion:164 Resp: 334571
Ion Ratio Lower Upper
164 100
162 99.5 84.9 127.3
160 45.0 37.5 56.3

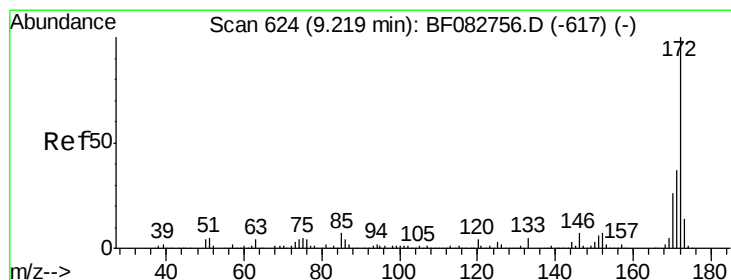
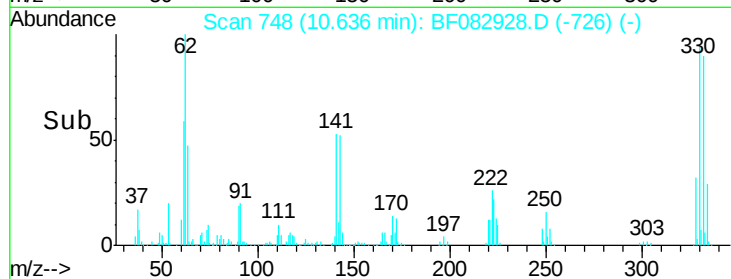
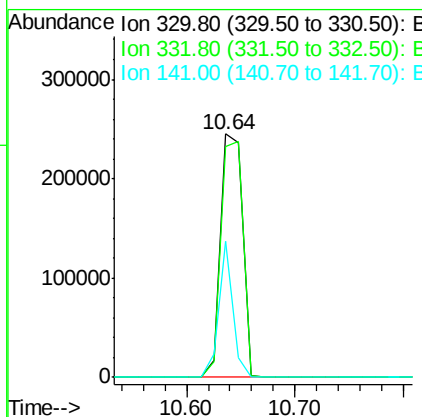
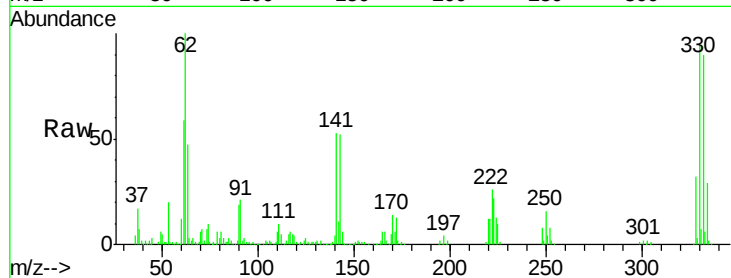




#41
 2,4,6-Tribromophenol
 Concen: 90.12 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082928.D
 Acq: 14 Nov 2015 7:11

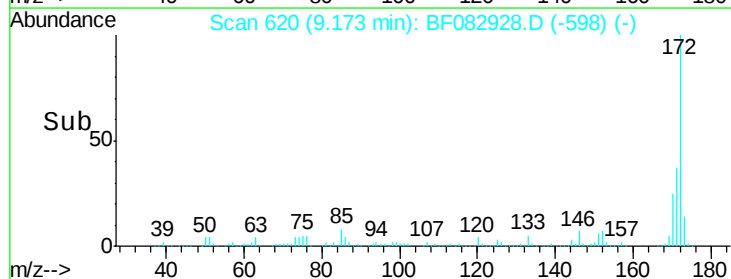
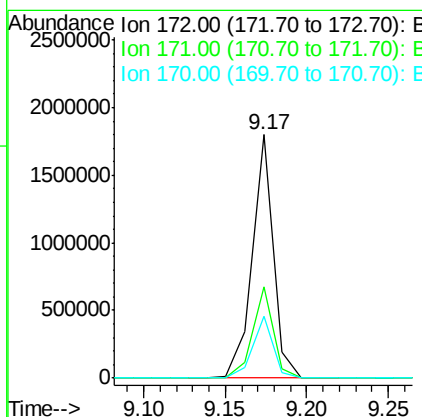
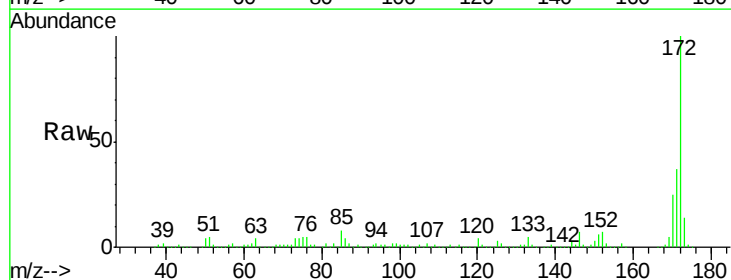
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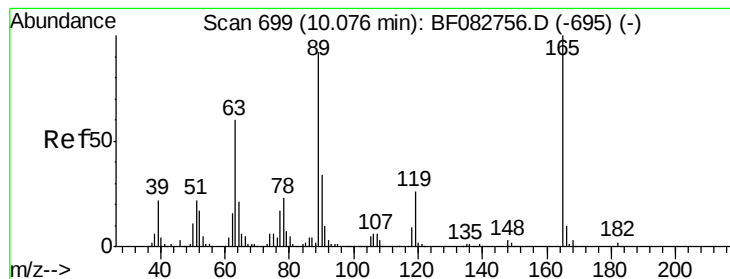
Tgt Ion:330 Resp: 345711
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 36.2 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 69.17 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082928.D
 Acq: 14 Nov 2015 7:11

Tgt Ion:172 Resp: 1614631
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 25.4 21.2 31.8





#56

2,4-Dinitrotoluene

Concen: 5.55 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.23 min

Lab File: BF082928.D

Acq: 14 Nov 2015 7:11

Instrument :

BNA_F

ClientSampleId :

URS-MW-04

Tgt Ion:165 Resp: 44070

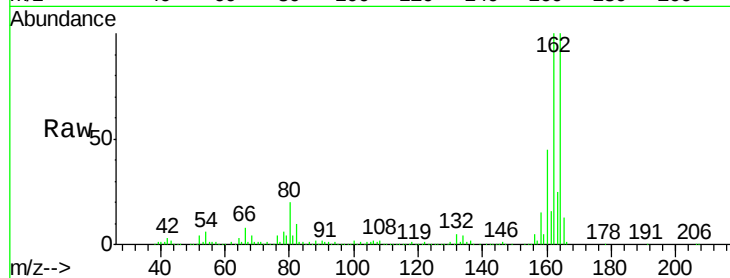
Ion Ratio Lower Upper

165 100

63 2.4 43.4 65.0#

89 1.8 70.6 106.0#

182 0.0 1.5 2.3#

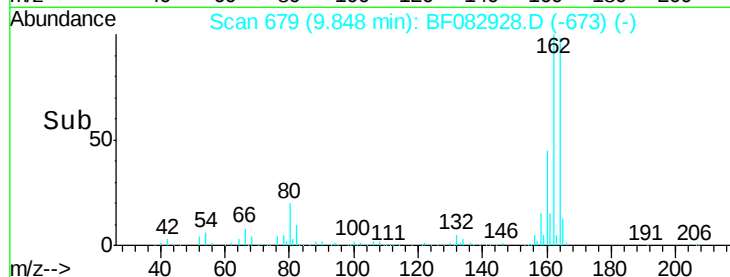


Abundance Ion 165.00 (164.70 to 165.70): E

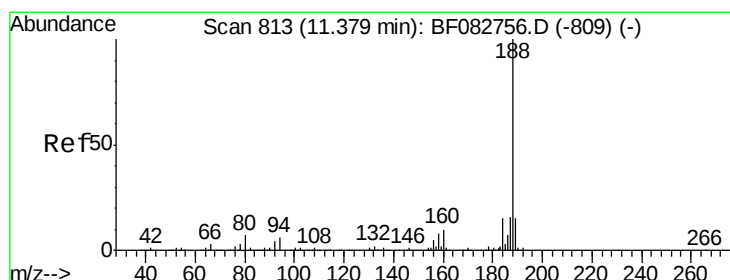
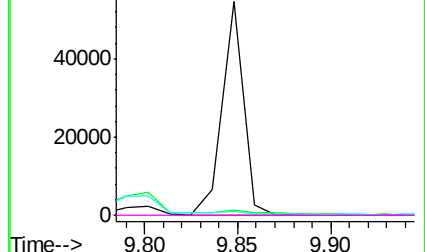
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF082928.D

Acq: 14 Nov 2015 7:11

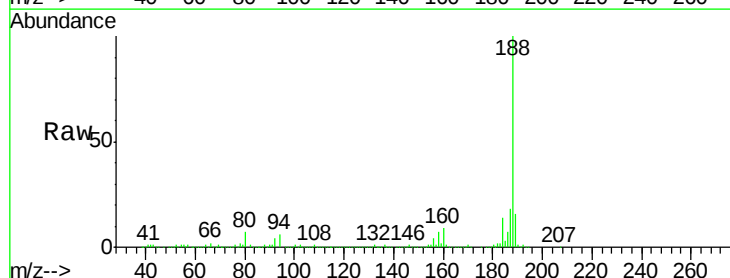
Tgt Ion:188 Resp: 559288

Ion Ratio Lower Upper

188 100

94 6.2 6.1 9.1

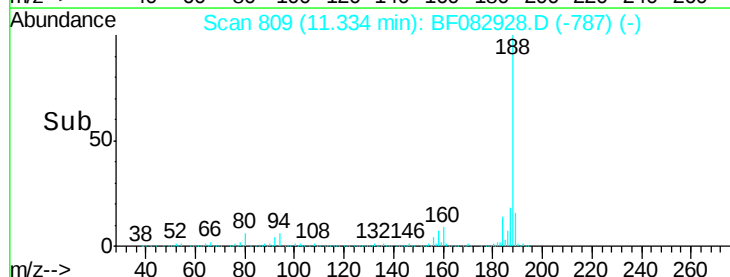
80 6.6 7.0 10.6#



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



Time-->

