

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082895.D
 Acq On : 13 Nov 2015 14:08
 Operator : UM/IZ
 Sample : PB86628BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BL

Quant Time: Nov 13 22:19:36 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

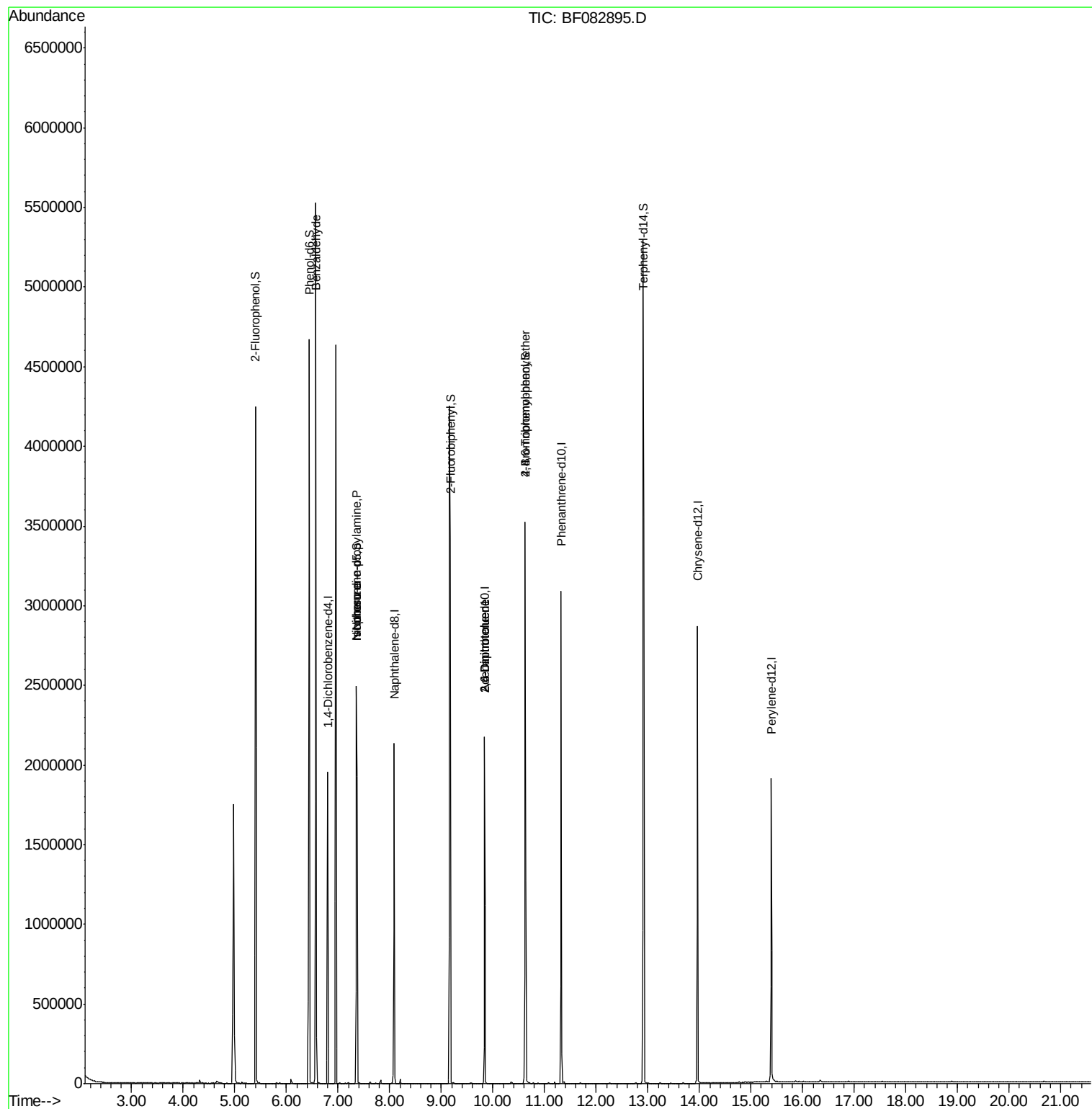
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	252859	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	1053566	20.00	ng	-0.06
38) Acenaphthene-d10	9.84	164	513242	20.00	ng	-0.06
63) Phenanthrene-d10	11.32	188	1059571	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	1040456	20.00	ng	-0.06
86) Perylene-d12	15.39	264	911175	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1401186	86.22	ng	-0.05
7) Phenol-d6	6.44	99	2108774	97.61	ng	-0.03
23) Nitrobenzene-d5	7.36	82	1231698	50.87	ng	-0.06
41) 2,4,6-Tribromophenol	10.62	330	482613	82.01	ng	-0.06
44) 2-Fluorobiphenyl	9.17	172	2031685	56.74	ng	-0.05
78) Terphenyl-d14	12.91	244	2260574	51.53	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.57	77	37195	3.12	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.36	70	162210	10.21	ng	# 70
25) Isophorone	7.36	82	1087111	24.27	ng	# 69
50) 2,6-Dinitrotoluene	9.84	165	66699	7.43	ng	# 17
56) 2,4-Dinitrotoluene	9.84	165	66686	5.48	ng	# 15
66) 4-Bromophenyl-phenylether	10.62	248	27879	2.19	ng	# 1

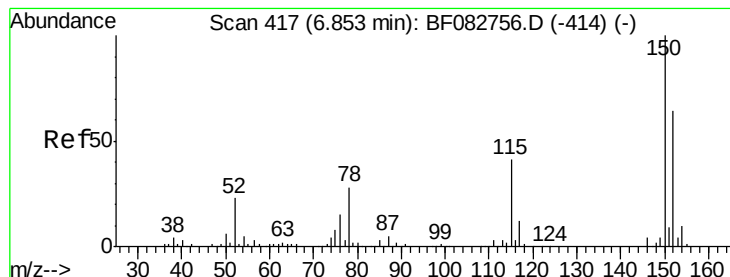
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

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ClientSampleId :

PB86628BL

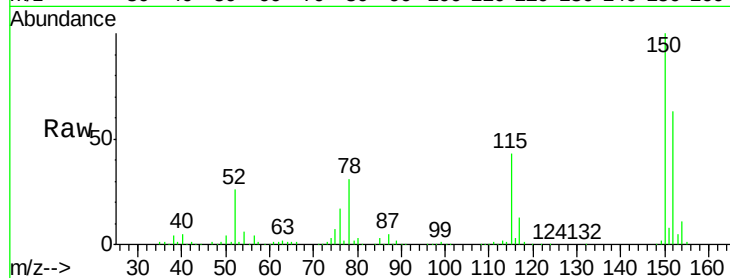
Tgt Ion:152 Resp: 252859

Ion Ratio Lower Upper

152 100

150 158.4 127.0 190.4

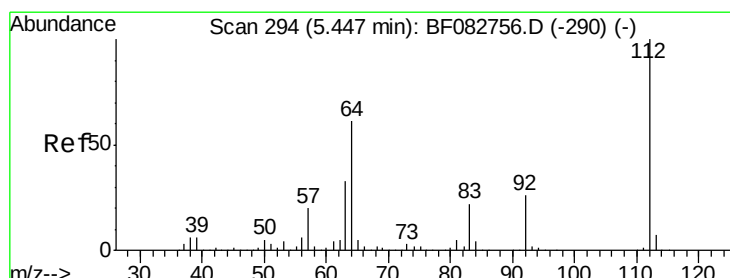
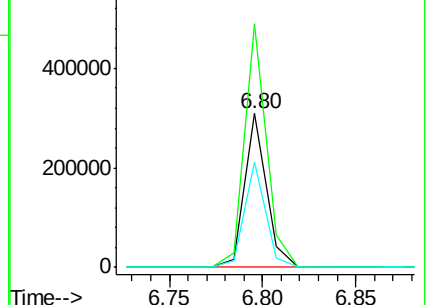
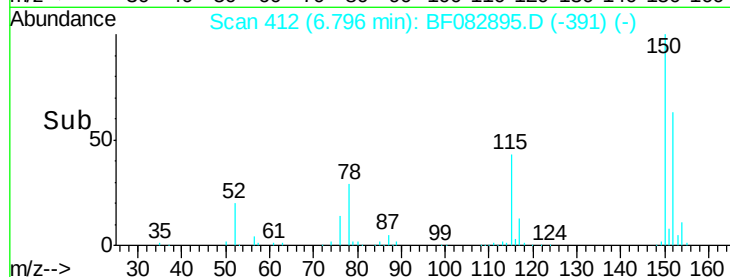
115 68.2 47.0 70.6



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: 86.22 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF082895.D

Acq: 13 Nov 2015 14:08

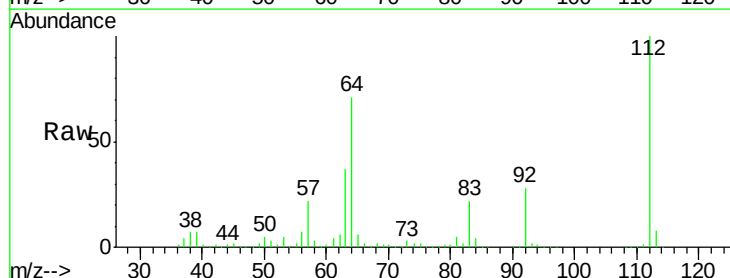
Tgt Ion:112 Resp: 1401186

Ion Ratio Lower Upper

112 100

64 71.3 48.9 73.3

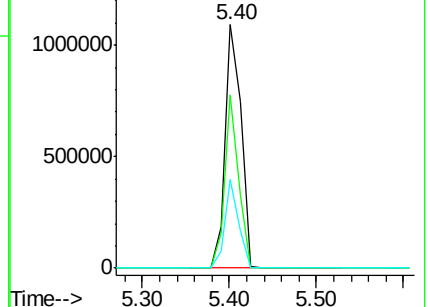
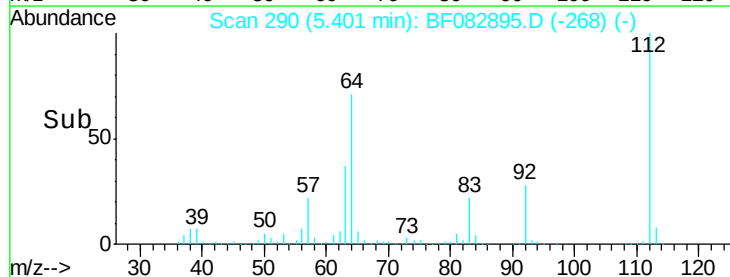
63 36.6 28.1 42.1

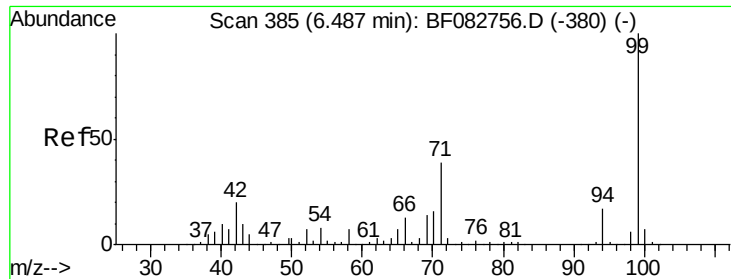


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.61 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF082895.D

Acq: 13 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86628BL

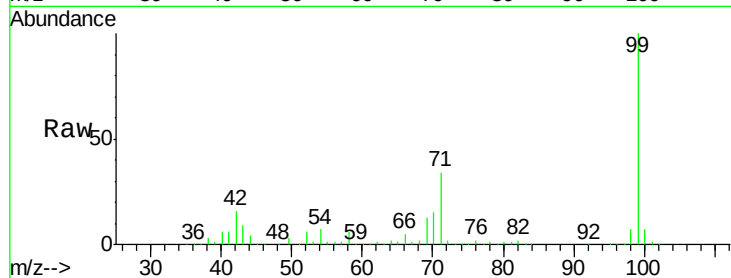
Tgt Ion: 99 Resp: 2108774

Ion Ratio Lower Upper

99 100

42 16.4 19.2 28.8#

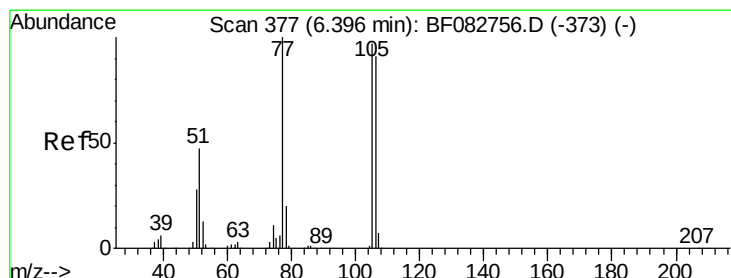
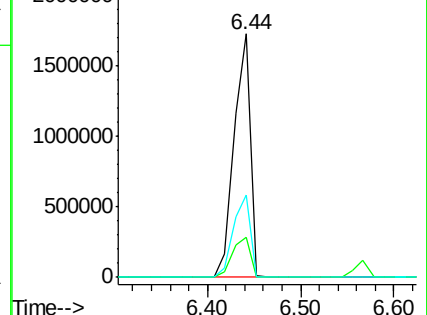
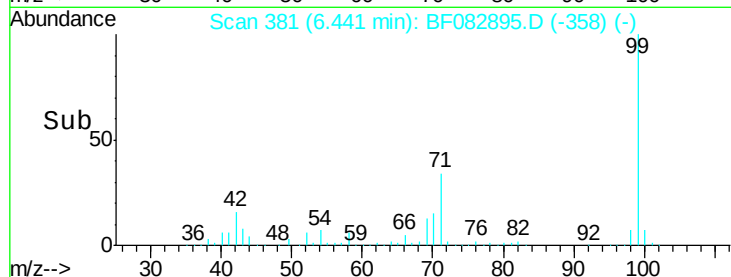
71 33.8 35.0 52.4#



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



#9

Benzaldehyde

Concen: 3.12 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.17 min

Lab File: BF082895.D

Acq: 13 Nov 2015 14:08

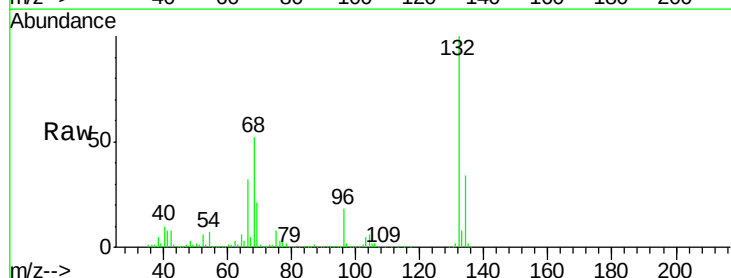
Tgt Ion: 77 Resp: 37195

Ion Ratio Lower Upper

77 100

105 77.7 63.5 103.5

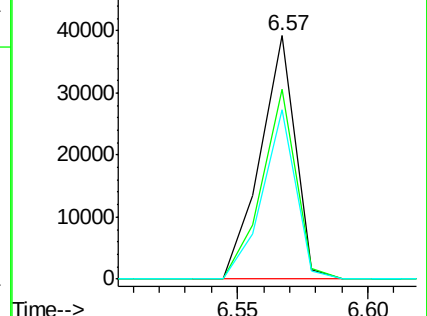
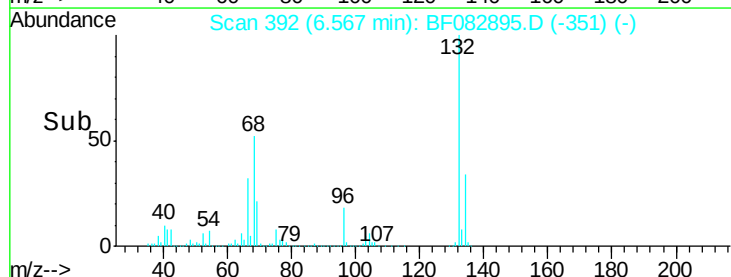
106 69.7 59.3 99.3

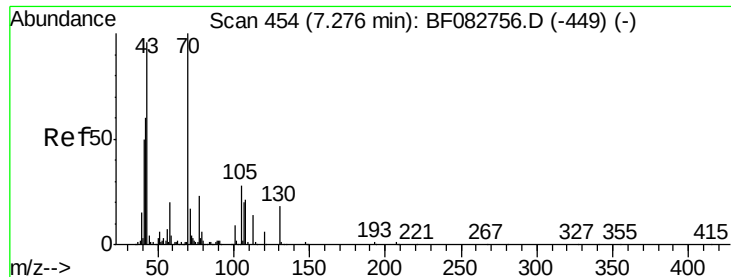


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

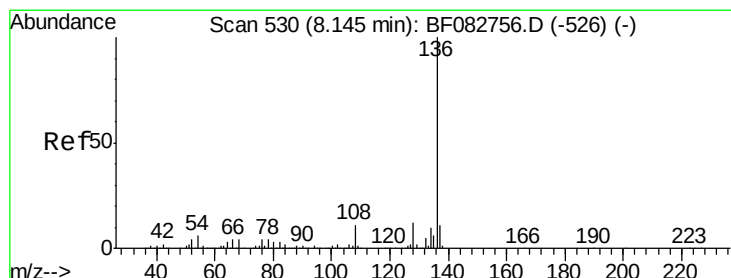
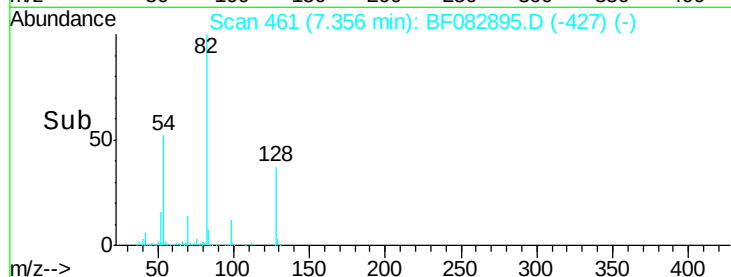
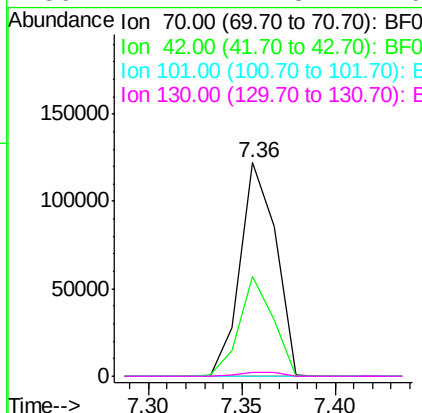
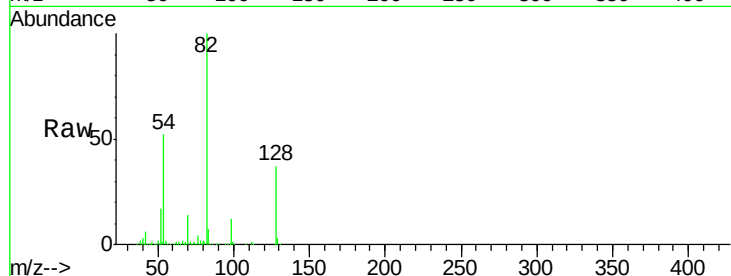




#19
 n-Nitroso-di-n-propylamine
 Concen: 10.21 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.09 min
 Lab File: BF082895.D
 Acq: 13 Nov 2015 14:08

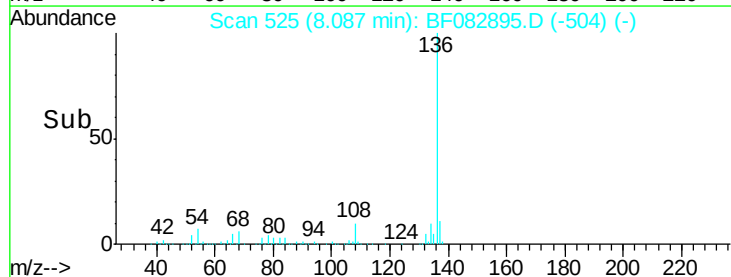
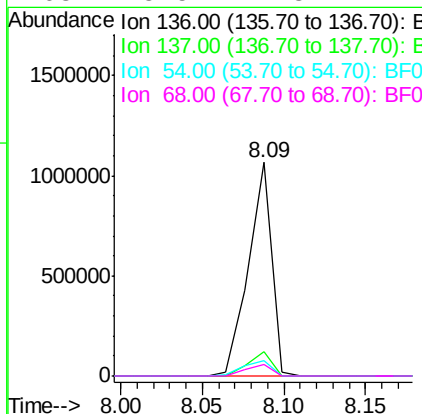
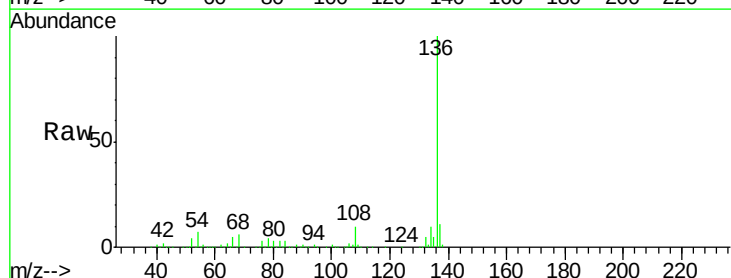
Instrument :
 BNA_F
 ClientSampleId :
 PB86628BL

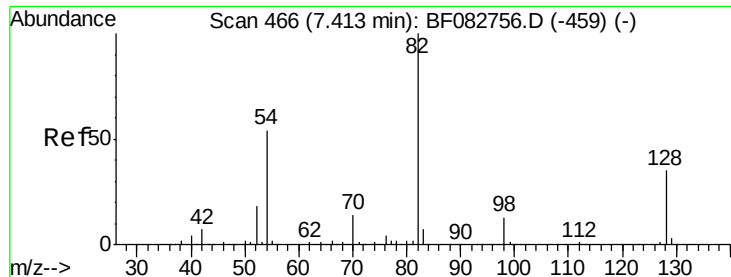
Tgt Ion: 70 Resp: 162210
 Ion Ratio Lower Upper
 70 100
 42 46.9 57.7 86.5#
 101 0.0 7.0 10.6#
 130 1.7 11.8 17.6#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.06 min
 Lab File: BF082895.D
 Acq: 13 Nov 2015 14:08

Tgt Ion: 136 Resp: 1053566
 Ion Ratio Lower Upper
 136 100
 137 11.3 9.1 13.7
 54 7.4 9.1 13.7#
 68 5.5 4.8 7.2

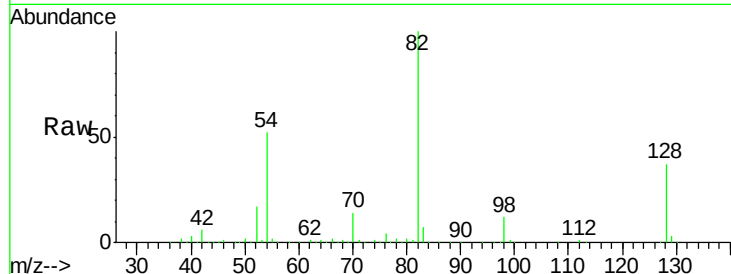




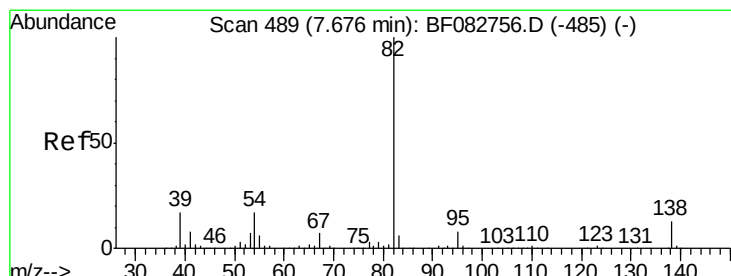
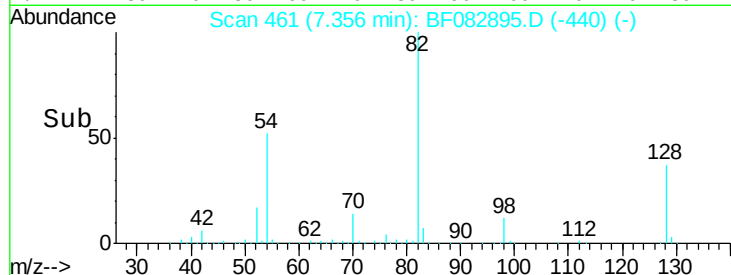
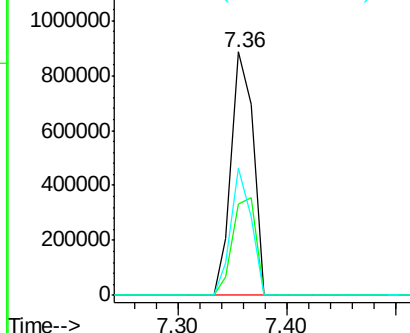
#23
 Nitrobenzene-d5
 Concen: 50.87 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.06 min
 Lab File: BF082895.D
 Acq: 13 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleID :
 PB86628BL

Tgt Ion: 82 Resp: 1231698
 Ion Ratio Lower Upper
 82 100
 128 37.2 26.8 40.2
 54 52.3 45.7 68.5

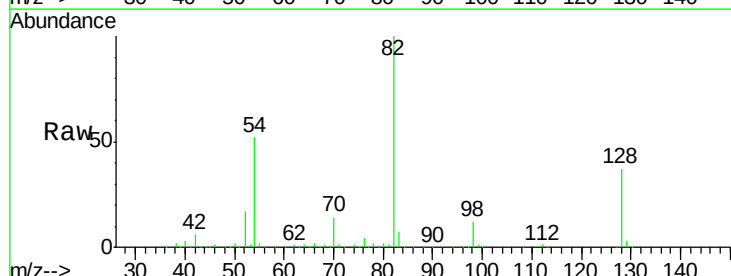


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

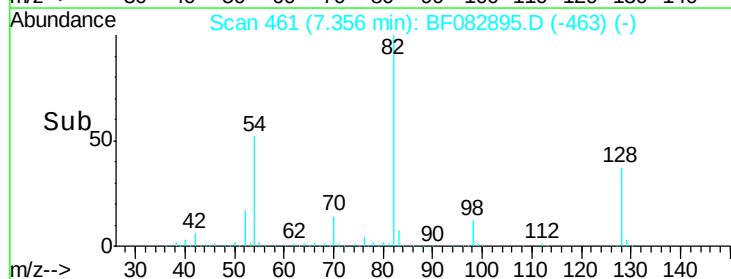
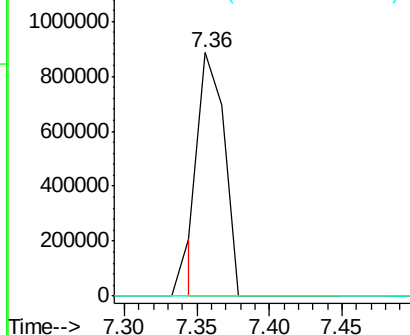


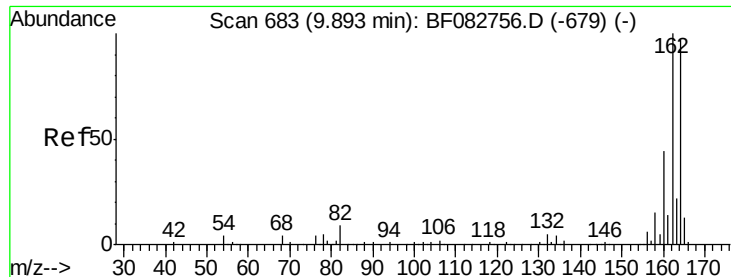
#25
 Isophorone
 Concen: 24.27 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.32 min
 Lab File: BF082895.D
 Acq: 13 Nov 2015 14:08

Tgt Ion: 82 Resp: 1087111
 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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF082895.D

Acq: 13 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86628BL

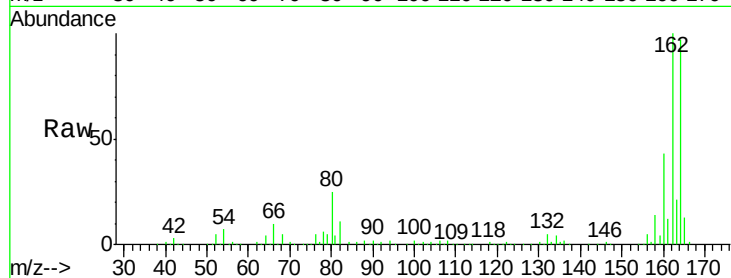
Tgt Ion:164 Resp: 513242

Ion Ratio Lower Upper

164 100

162 102.6 84.9 127.3

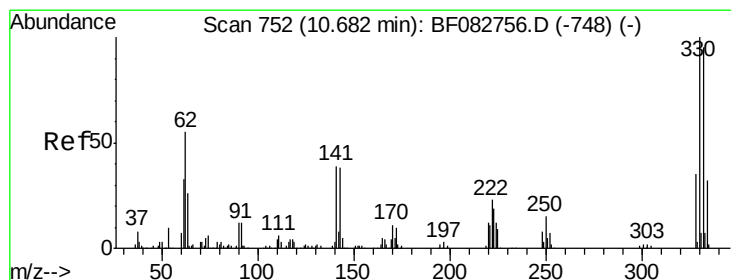
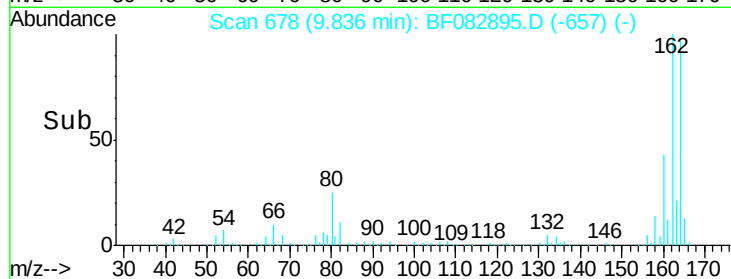
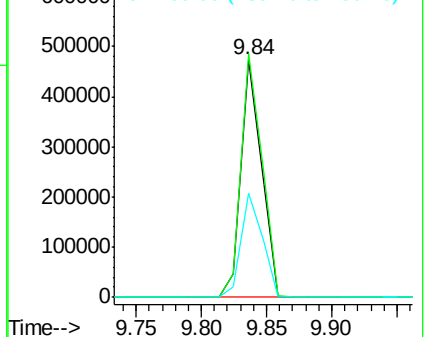
160 44.1 37.5 56.3



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: 82.01 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.06 min

Lab File: BF082895.D

Acq: 13 Nov 2015 14:08

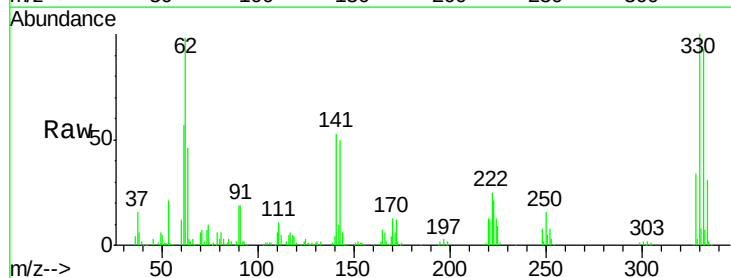
Tgt Ion:330 Resp: 482613

Ion Ratio Lower Upper

330 100

332 95.5 76.6 114.8

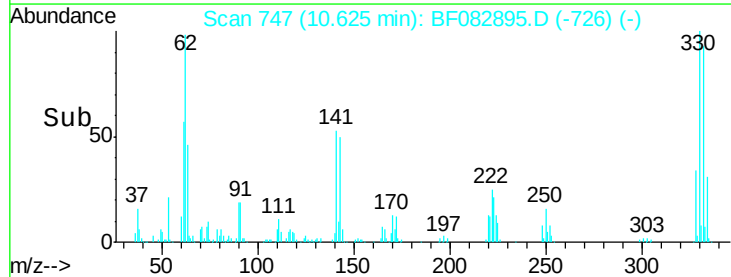
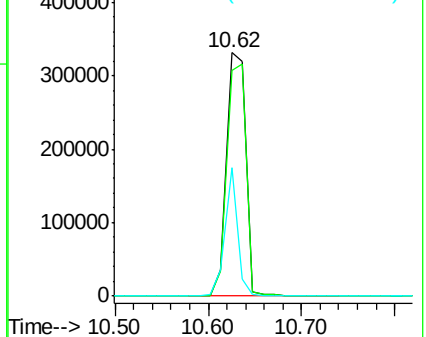
141 34.0 41.2 61.8#

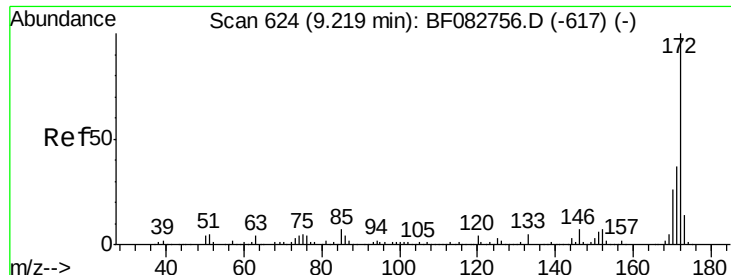


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

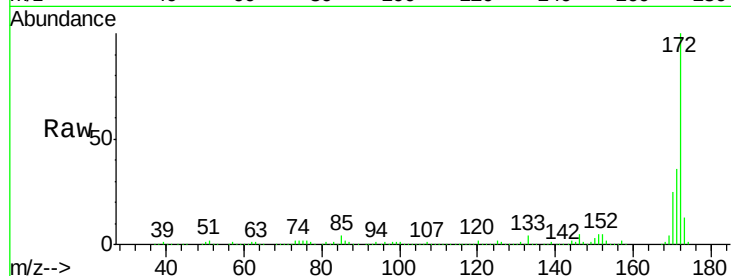




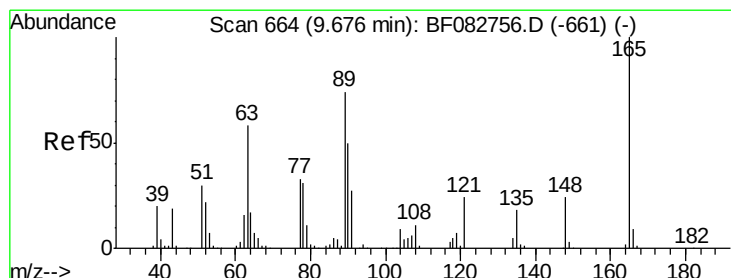
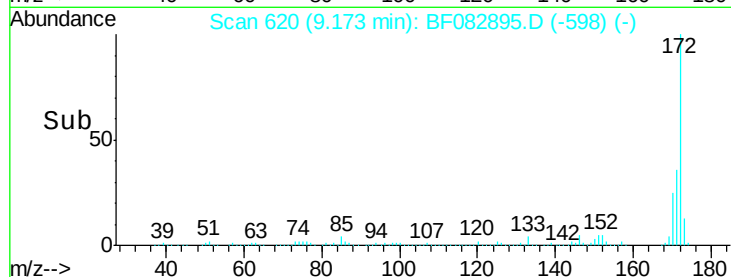
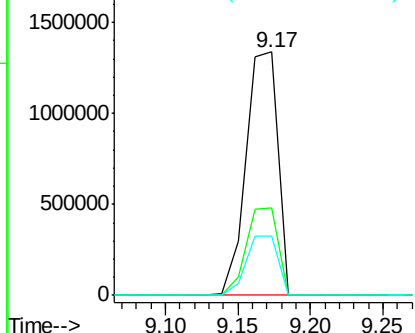
#44
 2-Fluorobiphenyl
 Concen: 56.74 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082895.D
 Acq: 13 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BL

Tgt Ion:172 Resp: 2031685
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.8 46.2
 170 24.6 21.2 31.8

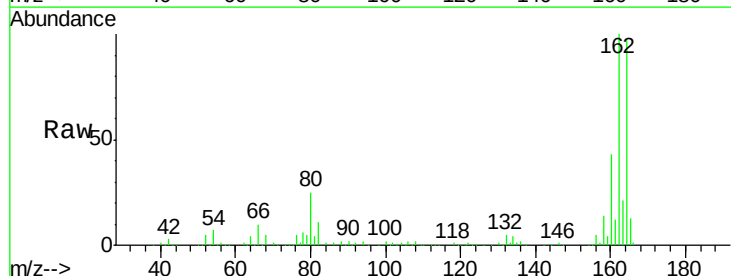


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

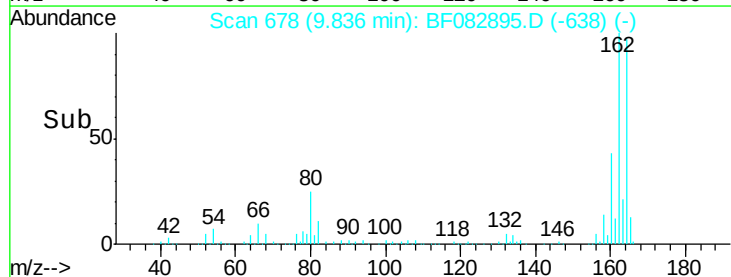
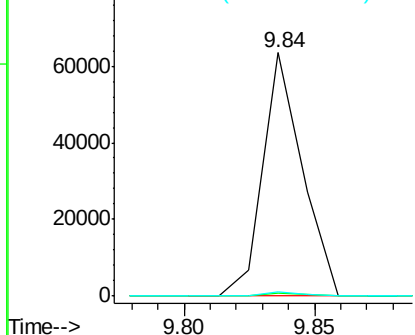


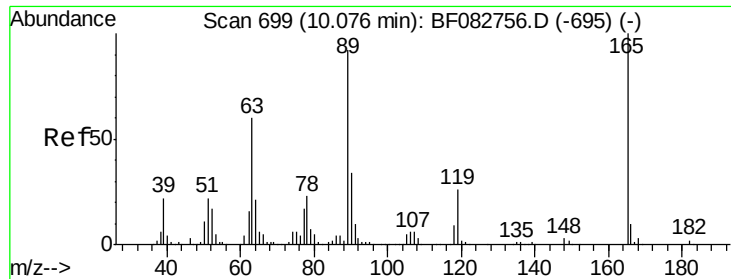
#50
 2,6-Dinitrotoluene
 Concen: 7.43 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.16 min
 Lab File: BF082895.D
 Acq: 13 Nov 2015 14:08

Tgt Ion:165 Resp: 66699
 Ion Ratio Lower Upper
 165 100
 63 1.3 55.5 83.3#
 89 1.6 55.0 82.6#



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

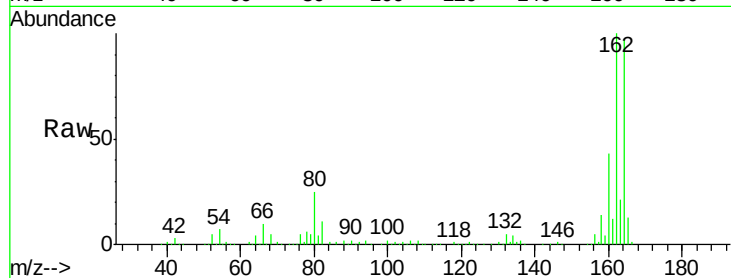




#56
 2,4-Dinitrotoluene
 Concen: 5.48 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.24 min
 Lab File: BF082895.D
 Acq: 13 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleID :
 PB86628BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.0#
89	1.6	70.6	106.0#
182	0.0	1.5	2.3#

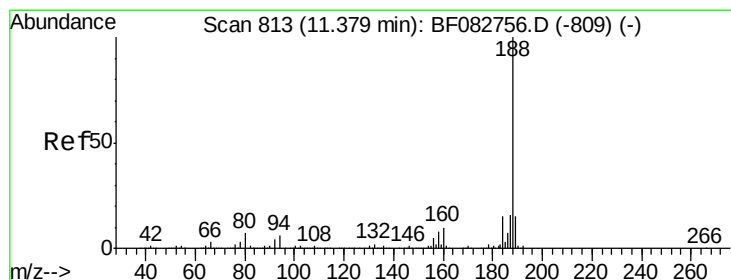
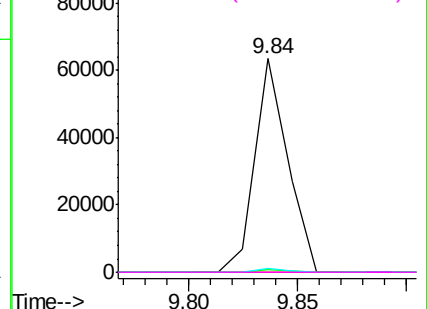
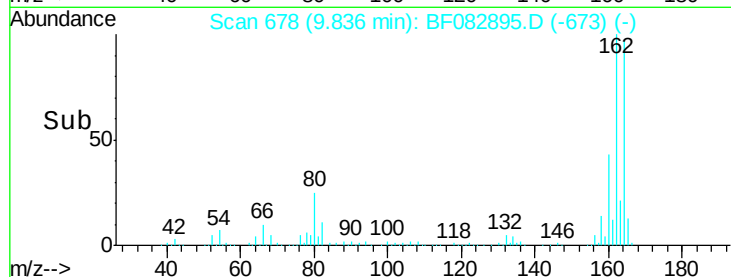


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

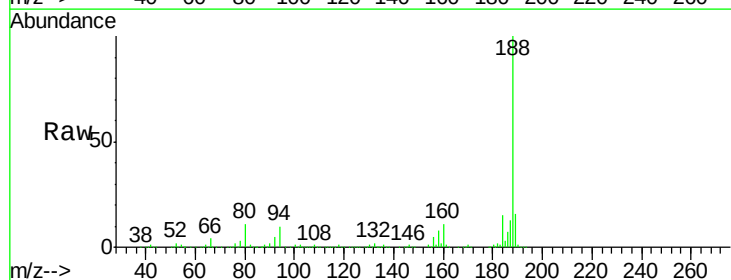
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.06 min
 Lab File: BF082895.D
 Acq: 13 Nov 2015 14:08

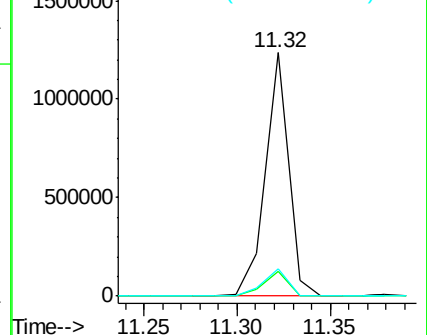
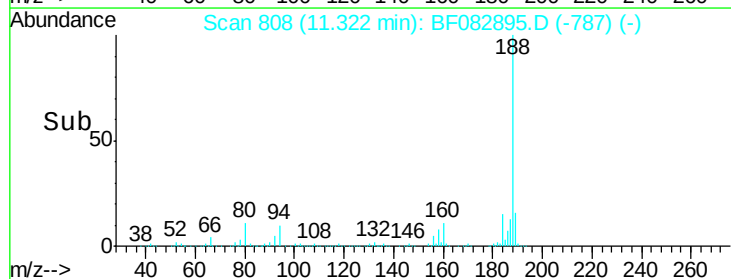
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.1	9.1#
80	11.0	7.0	10.6#

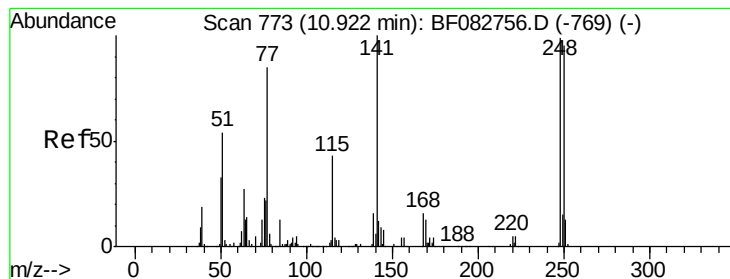


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.19 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.30 min

Lab File: BF082895.D

Acq: 13 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86628BL

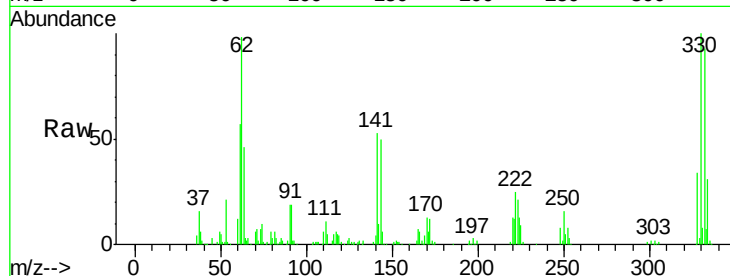
Tgt Ion:248 Resp: 27879

Ion Ratio Lower Upper

248 100

250 214.8 79.4 119.2#

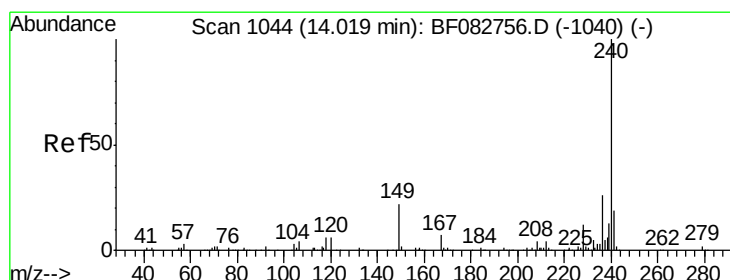
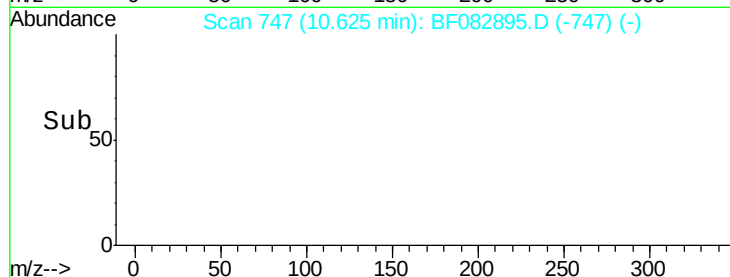
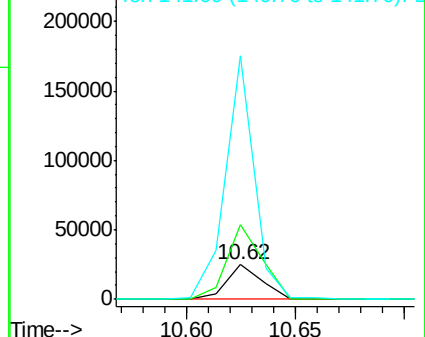
141 699.1 36.3 54.5#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF082895.D

Acq: 13 Nov 2015 14:08

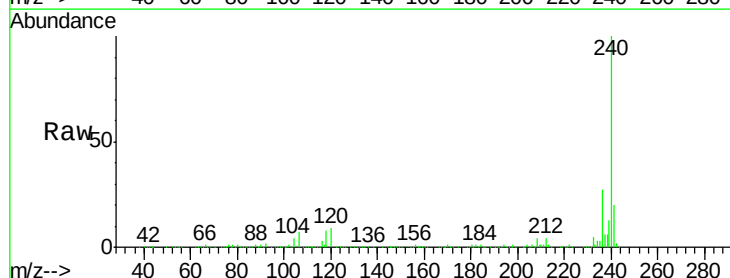
Tgt Ion:240 Resp: 1040456

Ion Ratio Lower Upper

240 100

120 9.1 10.9 16.3#

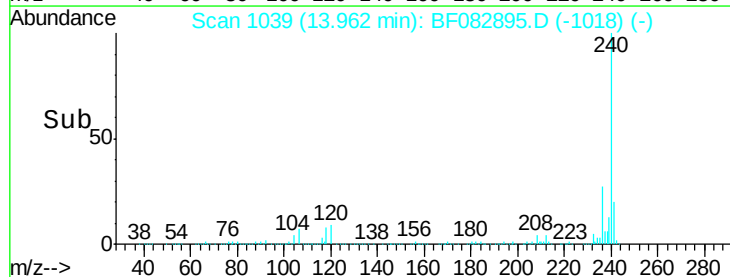
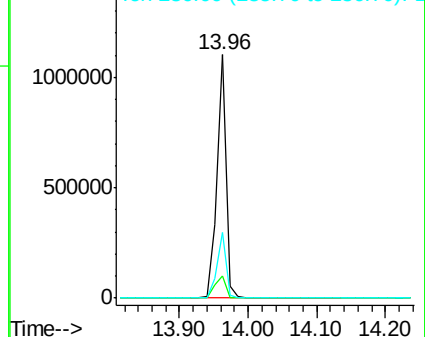
236 27.1 21.6 32.4

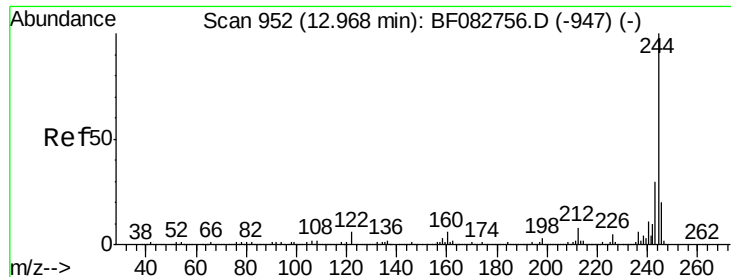


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

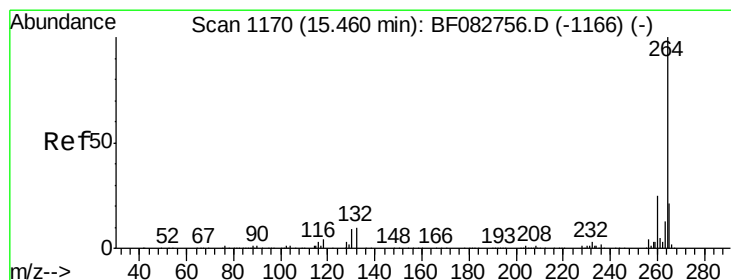
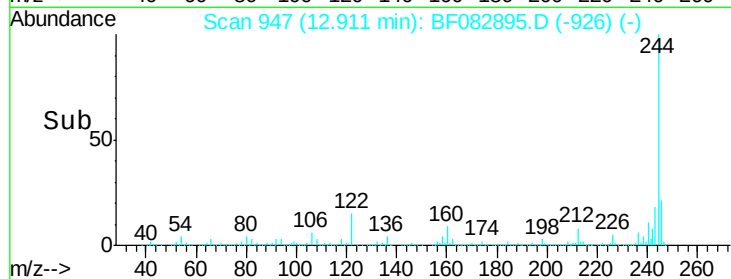
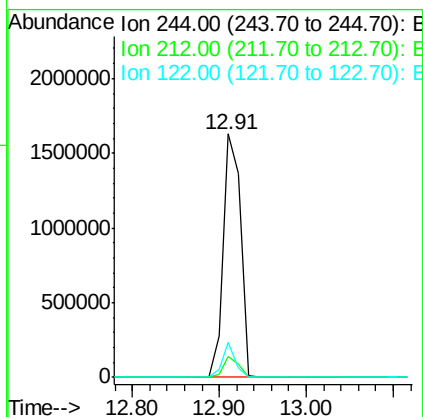
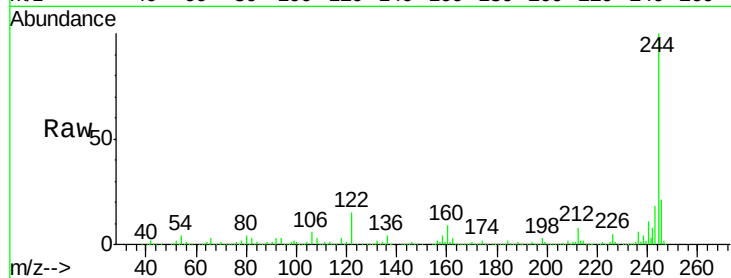




#78
 Terphenyl-d14
 Concen: 51.53 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.06 min
 Lab File: BF082895.D
 Acq: 13 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86628BL

Tgt Ion:244 Resp: 2260574
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.6 11.4
 122 14.6 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.07 min
 Lab File: BF082895.D
 Acq: 13 Nov 2015 14:08

Tgt Ion:264 Resp: 911175
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.6
 265 22.3 17.4 26.0

