

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082896.D
 Acq On : 13 Nov 2015 14:37
 Operator : UM/IZ
 Sample : G4366-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Nov 13 22:19:59 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

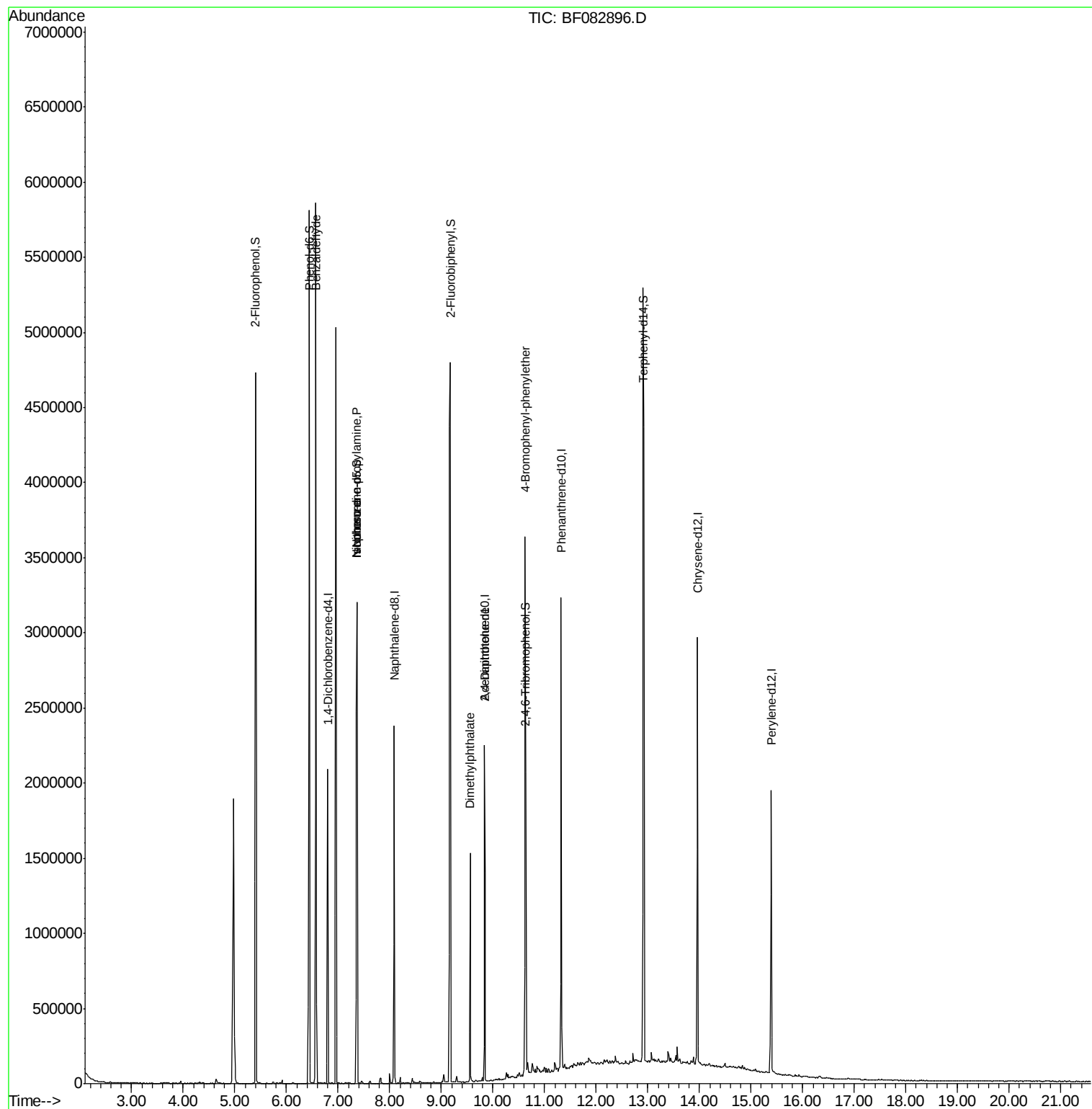
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	273990	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	1111449	20.00	ng	-0.06
38) Acenaphthene-d10	9.84	164	561798	20.00	ng	-0.06
63) Phenanthrene-d10	11.32	188	1072452	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	1070479	20.00	ng	-0.06
86) Perylene-d12	15.39	264	931946	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1586398	90.09	ng	-0.05
7) Phenol-d6	6.44	99	2284610	97.59	ng	-0.03
23) Nitrobenzene-d5	7.37	82	1548065	60.61	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	588369	91.34	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	2324055	59.29	ng	-0.05
78) Terphenyl-d14	12.92	244	2386104	52.87	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.57	77	40184	3.11	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.37	70	206619	12.01	ng	# 63
25) Isophorone	7.37	82	1404760	29.72	ng	# 69
49) Dimethylphthalate	9.56	163	583769	12.68	ng	98
56) 2,4-Dinitrotoluene	9.84	165	72513	5.44	ng	# 15
66) 4-Bromophenyl-phenylether	10.62	248	35511	2.75	ng	# 1

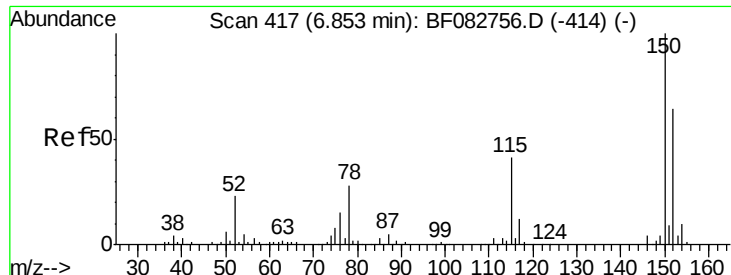
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BF082896.D

Acq: 13 Nov 2015 14:37

Instrument :

BNA_F

ClientSampleId :

COMP-1

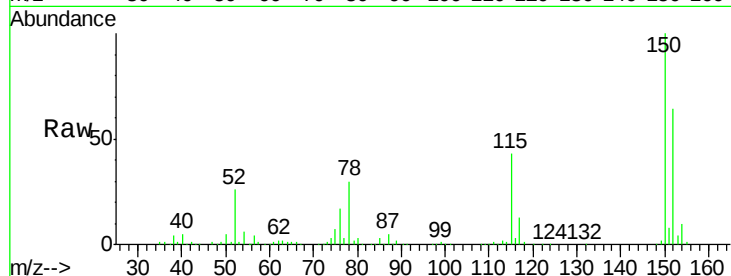
Tgt Ion:152 Resp: 273990

Ion Ratio Lower Upper

152 100

150 157.2 127.0 190.4

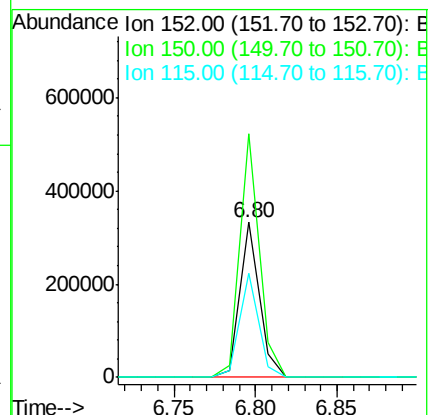
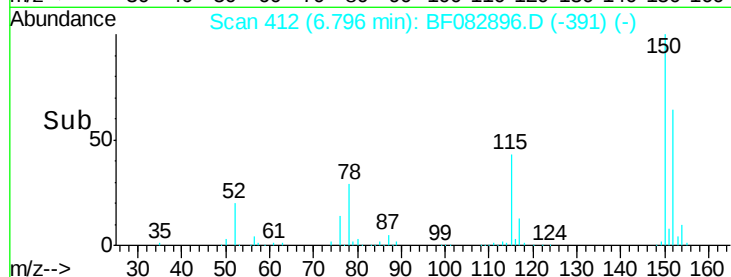
115 67.3 47.0 70.6



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: 90.09 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF082896.D

Acq: 13 Nov 2015 14:37

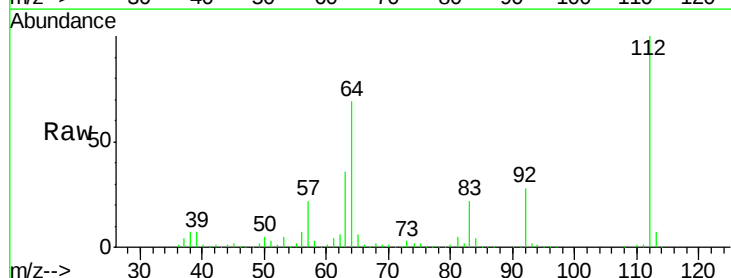
Tgt Ion:112 Resp: 1586398

Ion Ratio Lower Upper

112 100

64 69.4 48.9 73.3

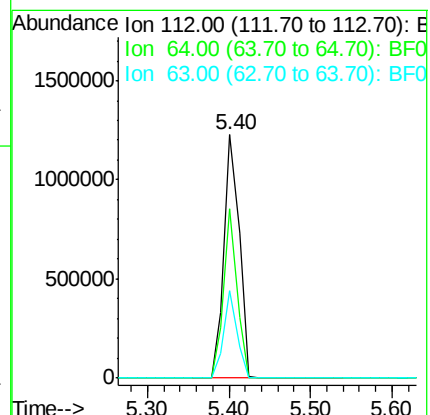
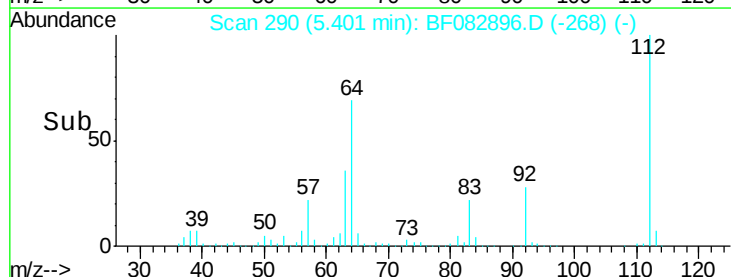
63 35.8 28.1 42.1

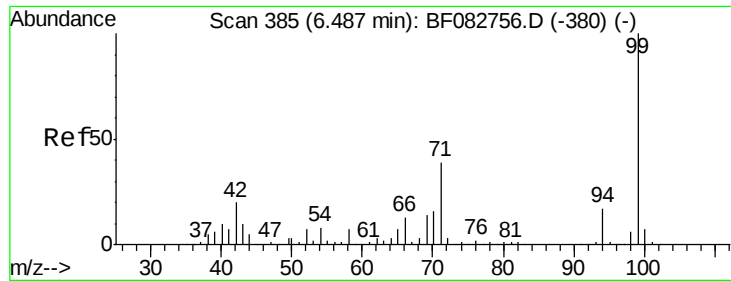


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.59 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF082896.D

Acq: 13 Nov 2015 14:37

Instrument :

BNA_F

ClientSampleId :

COMP-1

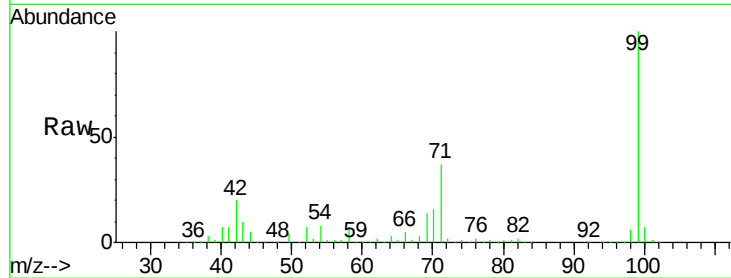
Tgt Ion: 99 Resp: 2284610

Ion Ratio Lower Upper

99 100

42 19.6 19.2 28.8

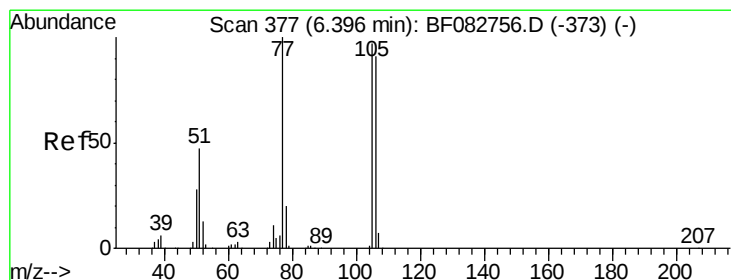
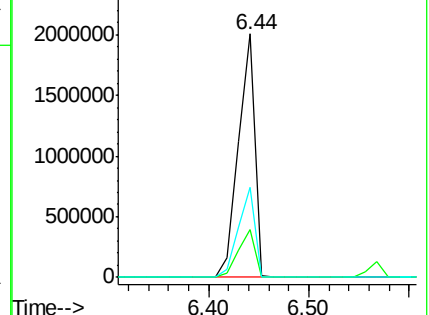
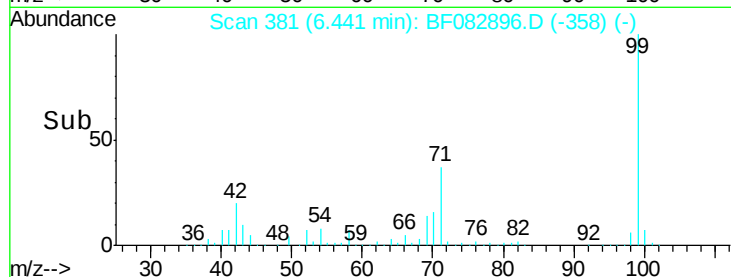
71 36.8 35.0 52.4



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: 3.11 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.17 min

Lab File: BF082896.D

Acq: 13 Nov 2015 14:37

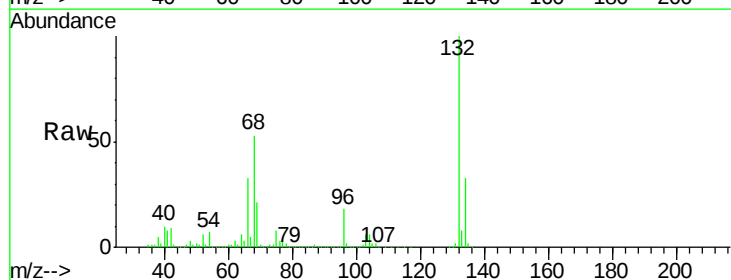
Tgt Ion: 77 Resp: 40184

Ion Ratio Lower Upper

77 100

105 74.8 63.5 103.5

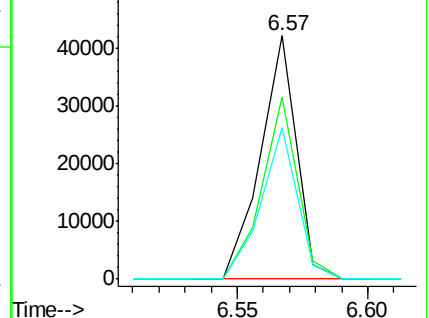
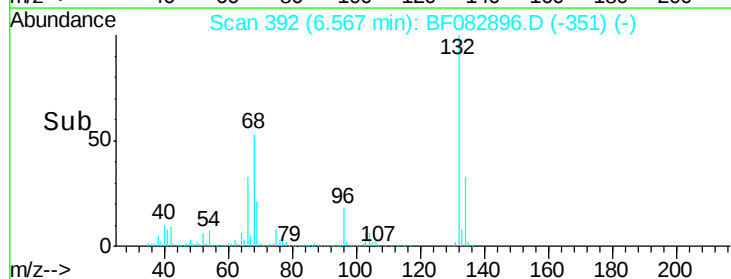
106 62.4 59.3 99.3



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: 12.01 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.10 min

Lab File: BF082896.D

Acq: 13 Nov 2015 14:37

Instrument :

BNA_F

ClientSampleId :

COMP-1

Tgt Ion: 70 Resp: 206619

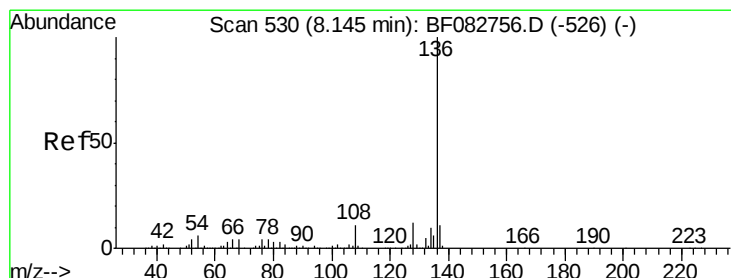
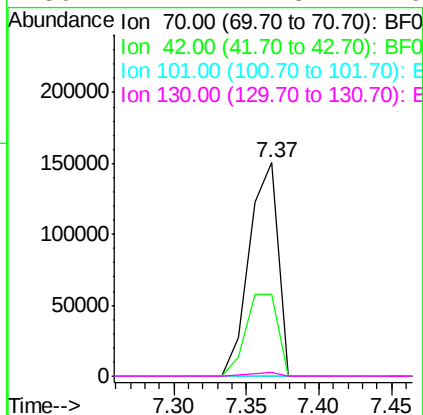
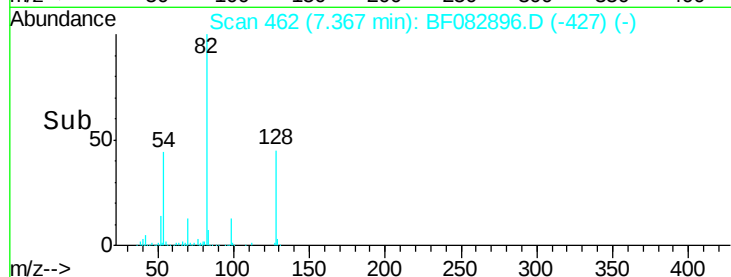
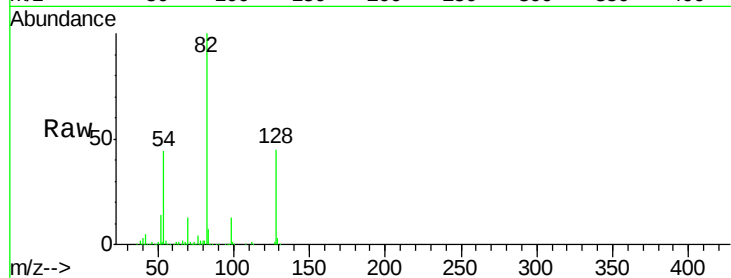
Ion Ratio Lower Upper

70 100

42 38.6 57.7 86.5#

101 0.0 7.0 10.6#

130 2.1 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: BF082896.D

Acq: 13 Nov 2015 14:37

Tgt Ion:136 Resp: 1111449

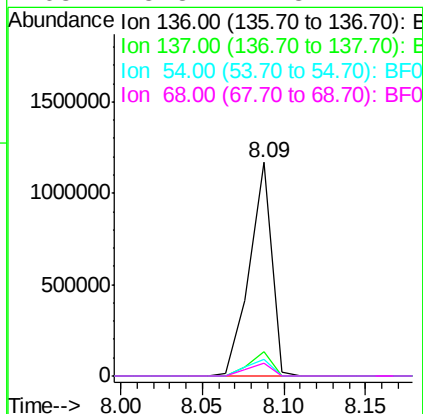
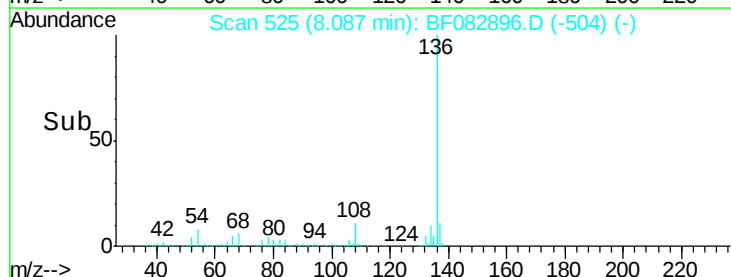
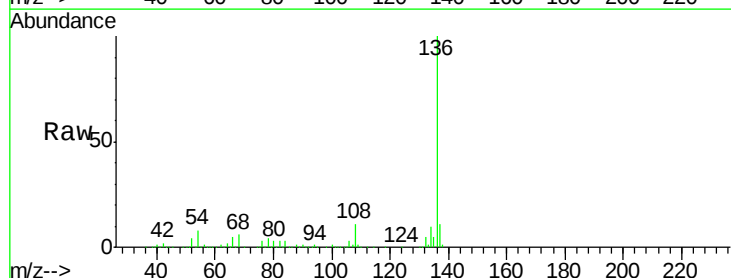
Ion Ratio Lower Upper

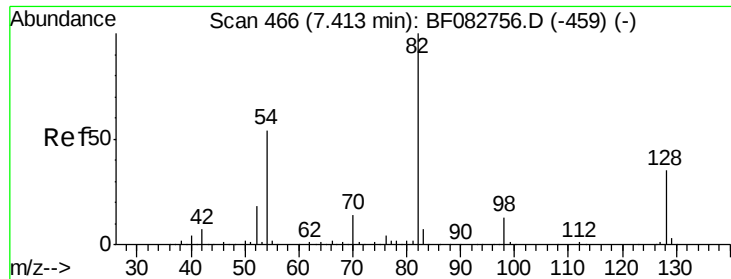
136 100

137 11.2 9.1 13.7

54 7.8 9.1 13.7#

68 5.8 4.8 7.2

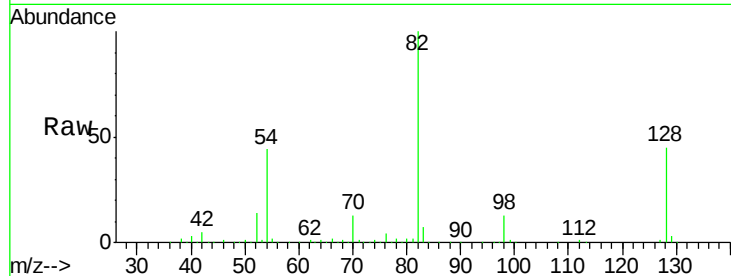




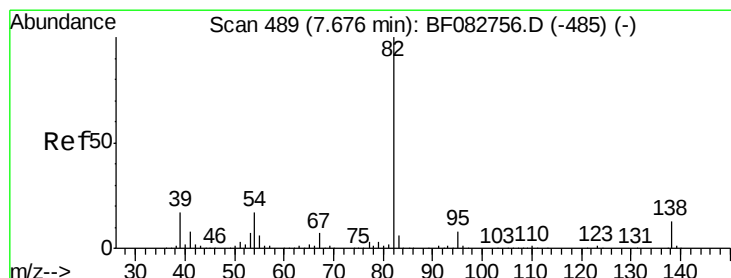
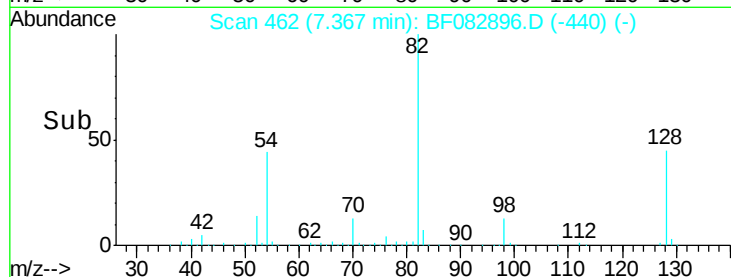
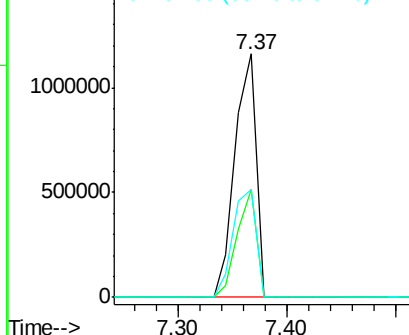
#23
Nitrobenzene-d5
Concen: 60.61 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF082896.D
Acq: 13 Nov 2015 14:37

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion: 82 Resp: 1548065
Ion Ratio Lower Upper
82 100
128 44.5 26.8 40.2#
54 44.2 45.7 68.5#

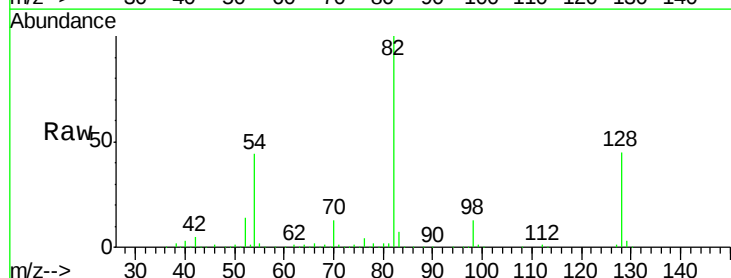


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

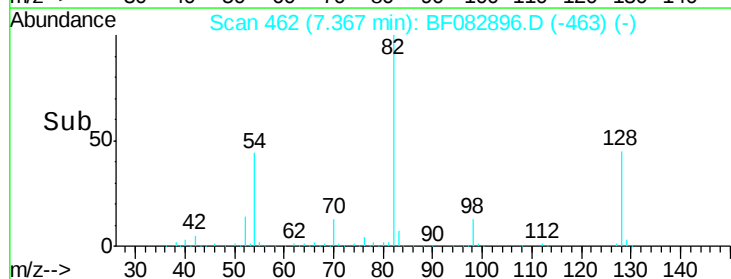
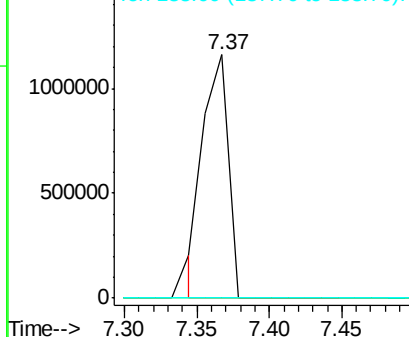


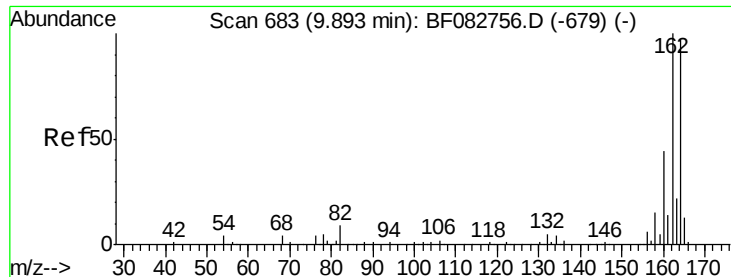
#25
Isophorone
Concen: 29.72 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.31 min
Lab File: BF082896.D
Acq: 13 Nov 2015 14:37

Tgt Ion: 82 Resp: 1404760
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: BF082896.D

Acq: 13 Nov 2015 14:37

Instrument :

BNA_F

ClientSampleId :

COMP-1

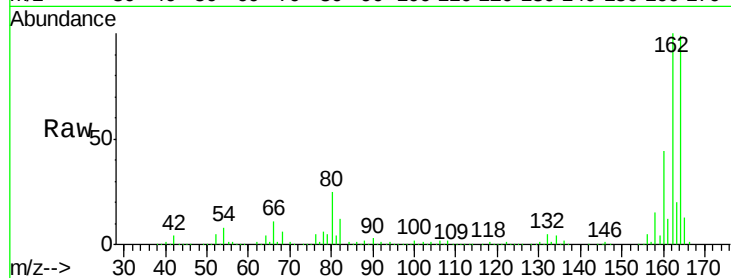
Tgt Ion:164 Resp: 561798

Ion Ratio Lower Upper

164 100

162 101.1 84.9 127.3

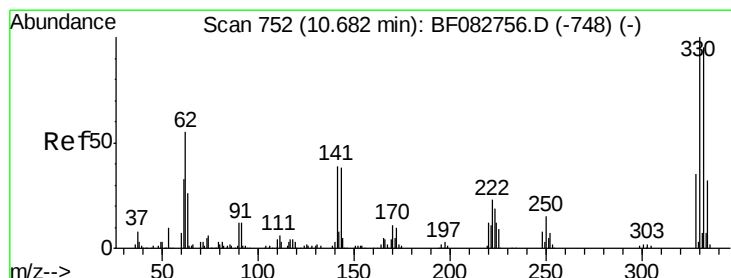
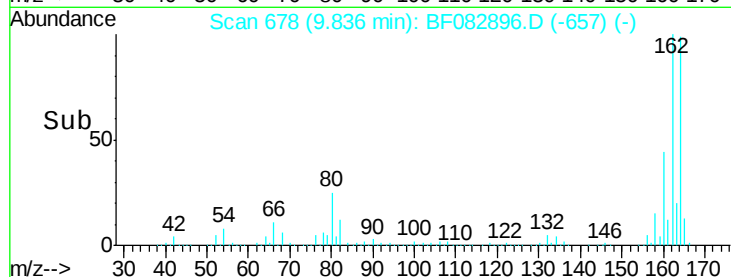
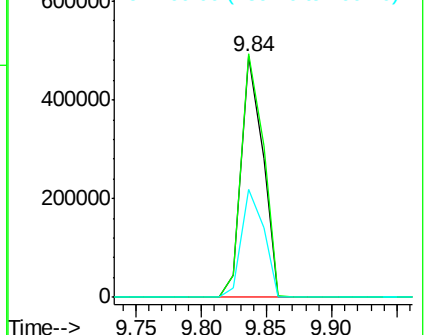
160 44.6 37.5 56.3



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: 91.34 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.04 min

Lab File: BF082896.D

Acq: 13 Nov 2015 14:37

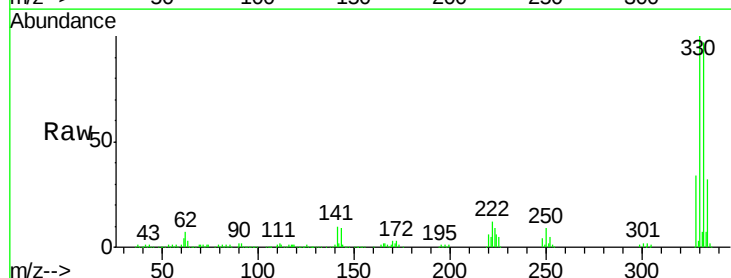
Tgt Ion:330 Resp: 588369

Ion Ratio Lower Upper

330 100

332 94.7 76.6 114.8

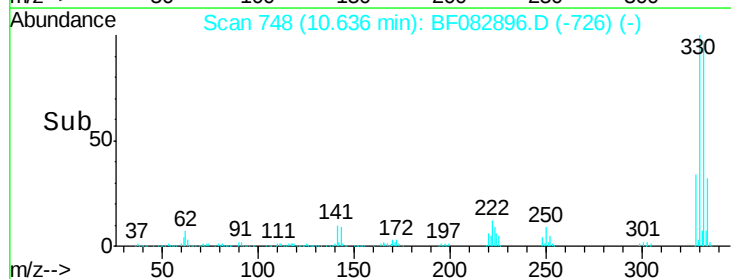
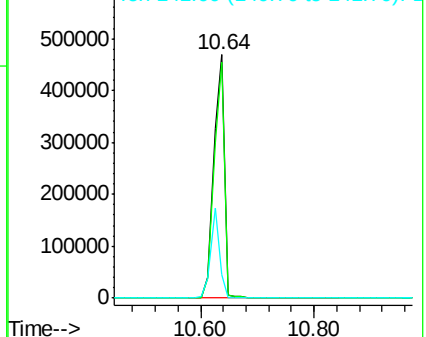
141 31.3 41.2 61.8#

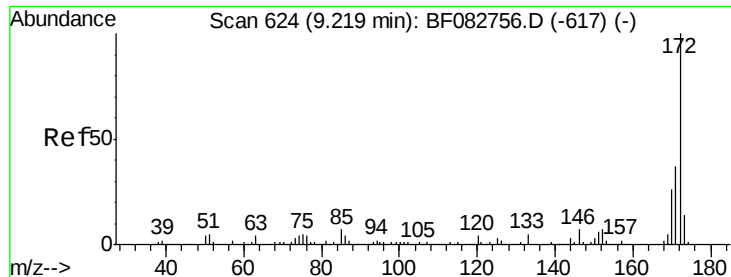


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

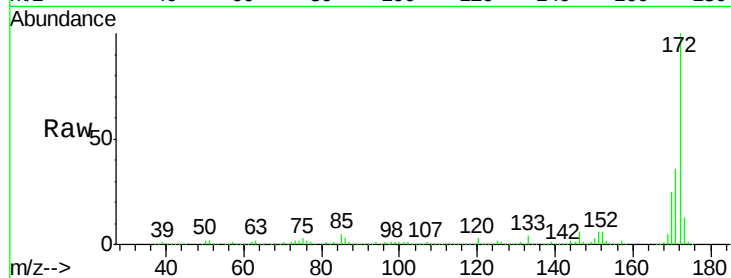




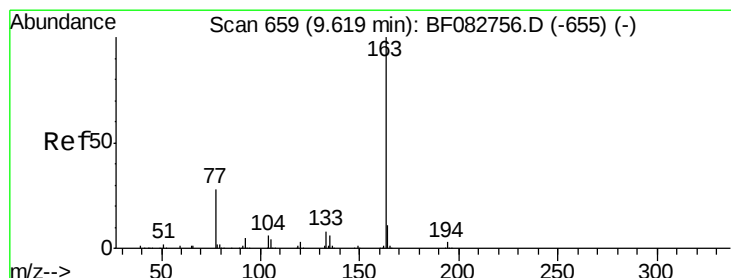
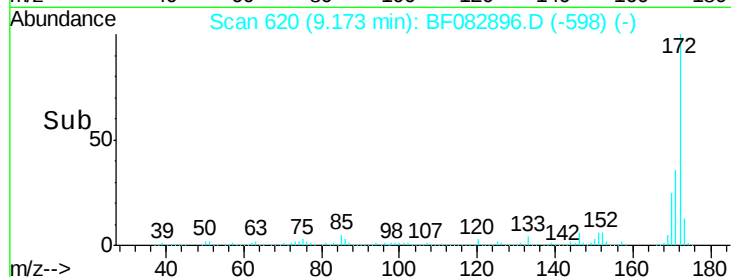
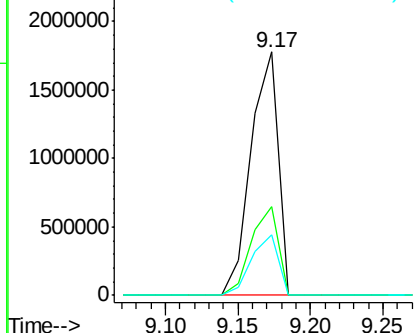
#44
 2-Fluorobiphenyl
 Concen: 59.29 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082896.D
 Acq: 13 Nov 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tgt Ion:172 Resp: 2324055
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.8 46.2
 170 25.1 21.2 31.8

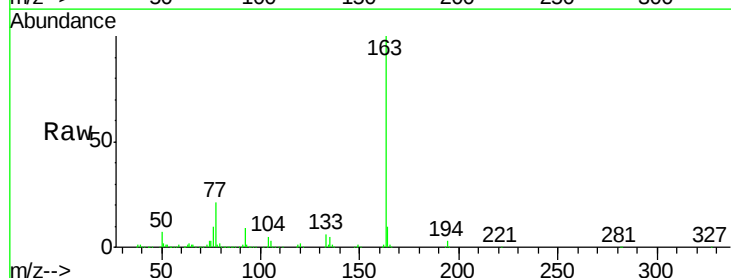


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

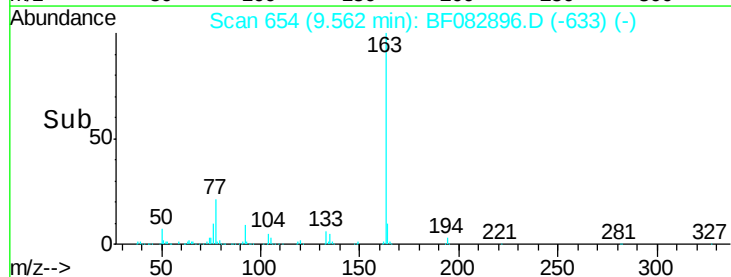
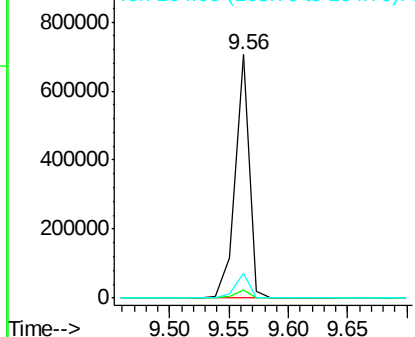


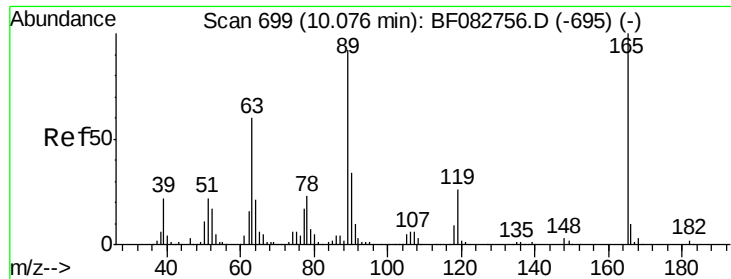
#49
 Dimethylphthalate
 Concen: 12.68 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF082896.D
 Acq: 13 Nov 2015 14:37

Tgt Ion:163 Resp: 583769
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.0 8.7 13.1



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

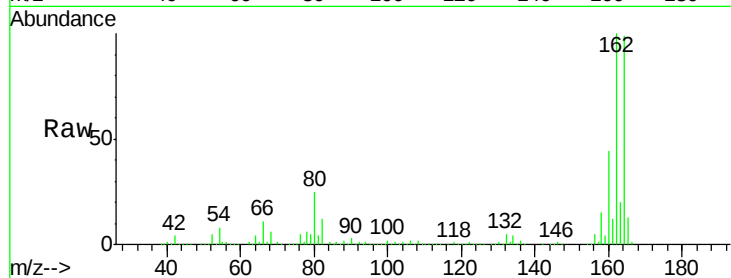




#56
 2,4-Dinitrotoluene
 Concen: 5.44 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.24 min
 Lab File: BF082896.D
 Acq: 13 Nov 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tgt Ion:	165	Resp:	72513
Ion	Ratio	Lower	Upper
165	100		
63	0.9	43.4	65.0#
89	1.0	70.6	106.0#
182	0.0	1.5	2.3#

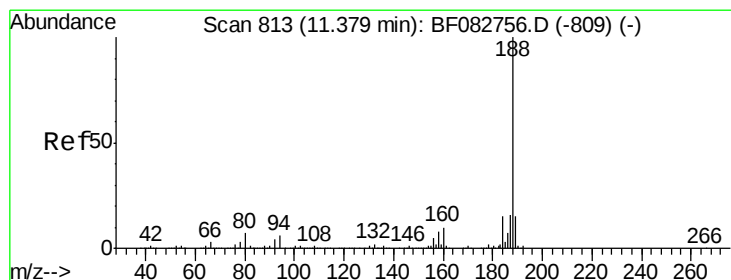
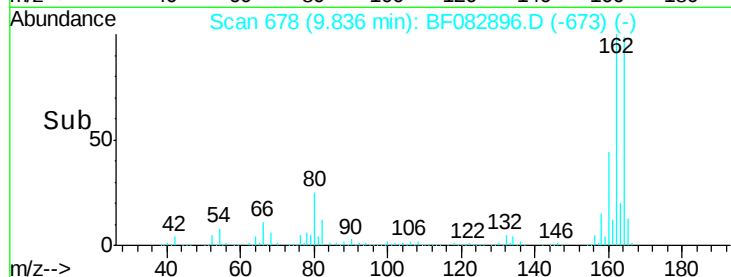
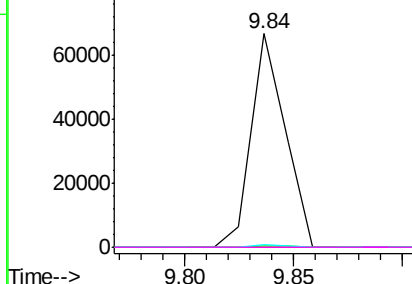


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

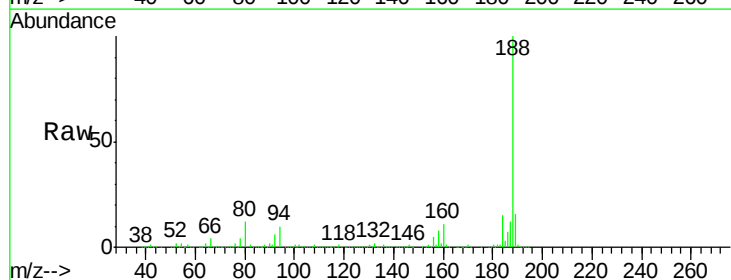
Ion 89.00 (88.70 to 89.70): BF0

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: BF082896.D
 Acq: 13 Nov 2015 14:37

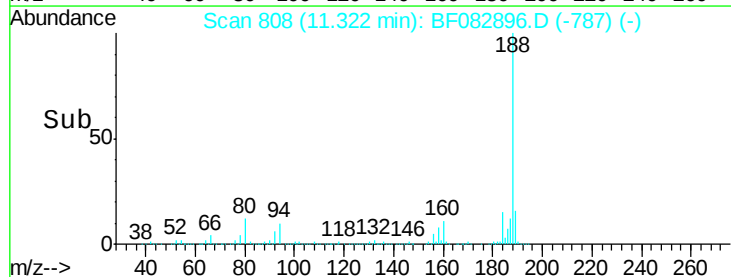
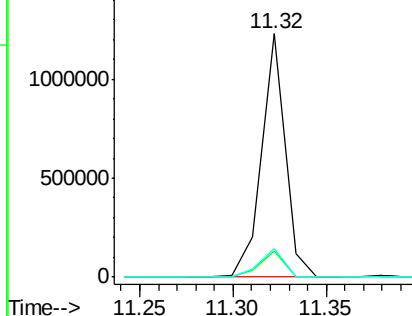
Tgt Ion:	188	Resp:	1072452
Ion	Ratio	Lower	Upper
188	100		
94	10.5	6.1	9.1#
80	11.7	7.0	10.6#

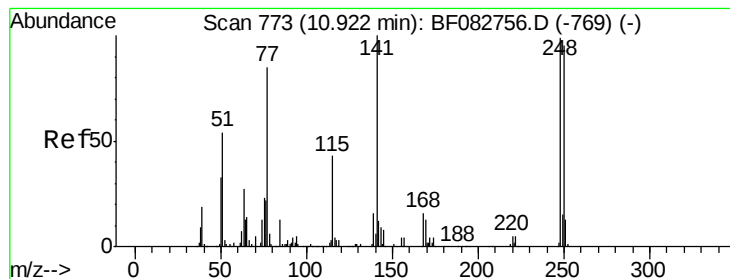


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.75 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.30 min

Lab File: BF082896.D

Acq: 13 Nov 2015 14:37

Instrument :

BNA_F

ClientSampleId :

COMP-1

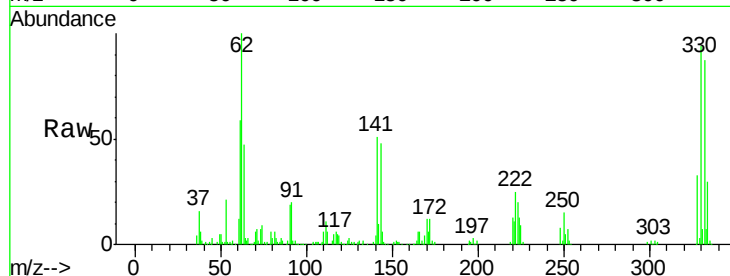
Tgt Ion:248 Resp: 35511

Ion Ratio Lower Upper

248 100

250 196.4 79.4 119.2#

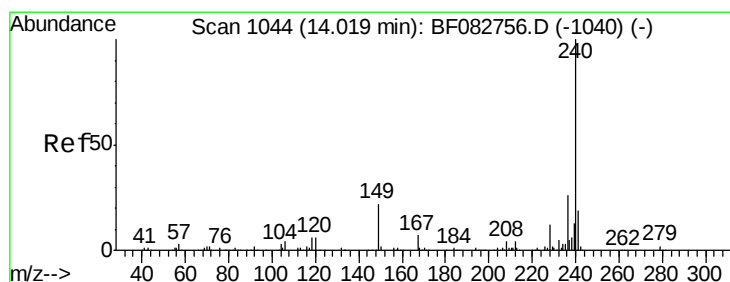
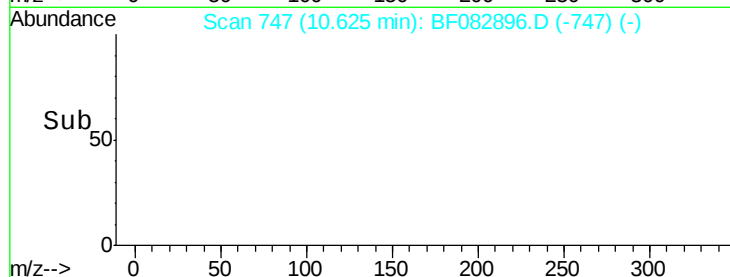
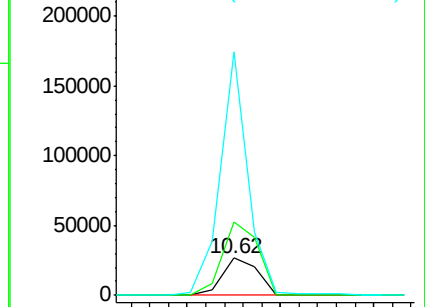
141 653.1 36.3 54.5#



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: BF082896.D

Acq: 13 Nov 2015 14:37

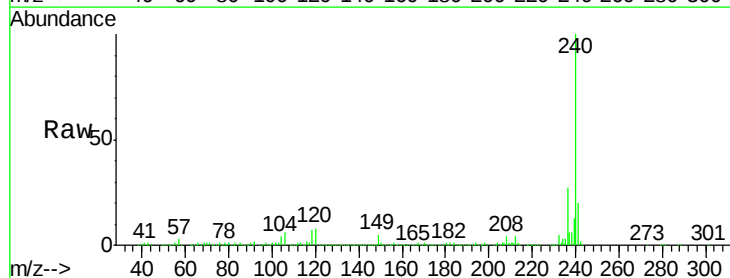
Tgt Ion:240 Resp: 1070479

Ion Ratio Lower Upper

240 100

120 8.5 10.9 16.3#

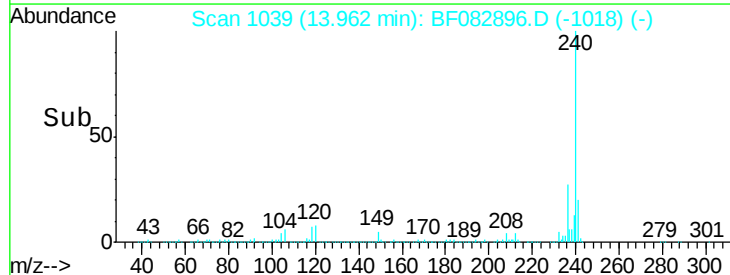
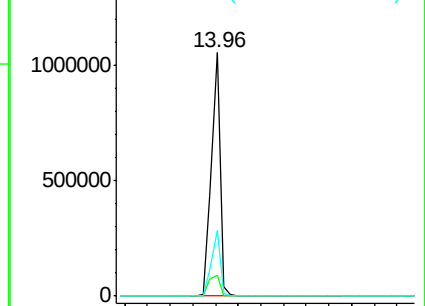
236 27.1 21.6 32.4

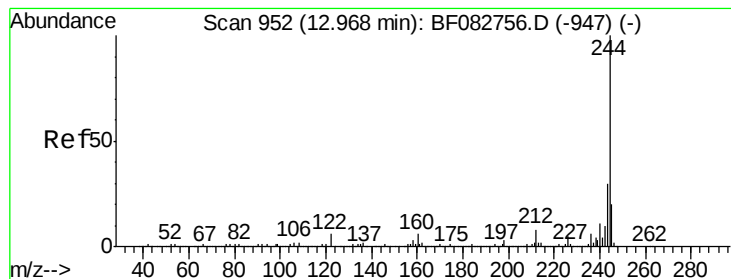


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 52.87 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082896.D

Acq: 13 Nov 2015 14:37

Instrument :

BNA_F

ClientSampleId :

COMP-1

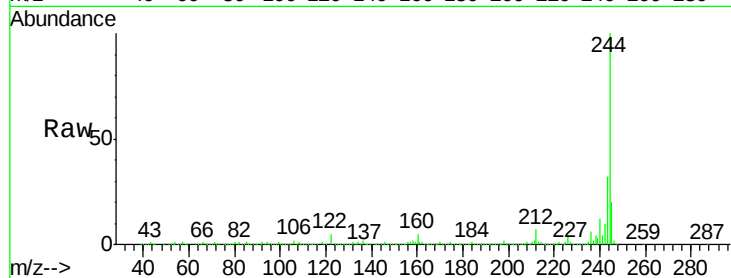
Tgt Ion:244 Resp: 2386104

Ion Ratio Lower Upper

244 100

212 6.9 7.6 11.4#

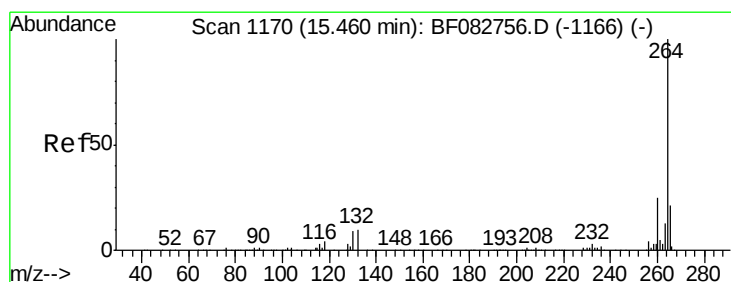
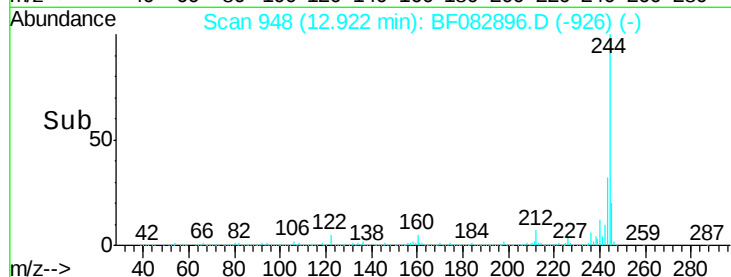
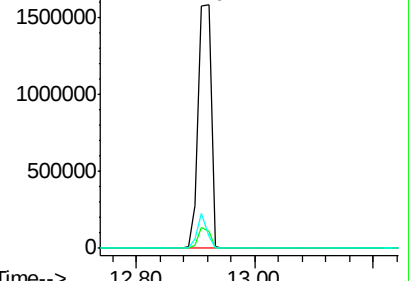
122 4.8 11.3 16.9#



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: 15.39 min Scan# 1164

Delta R.T. -0.07 min

Lab File: BF082896.D

Acq: 13 Nov 2015 14:37

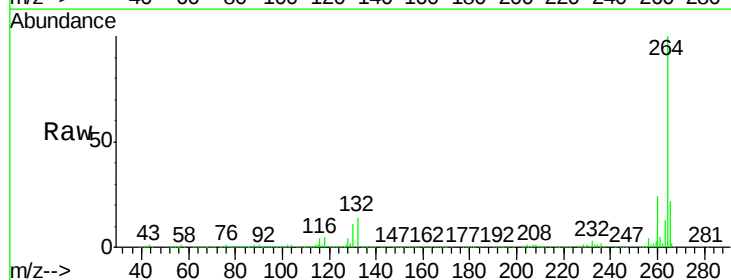
Tgt Ion:264 Resp: 931946

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

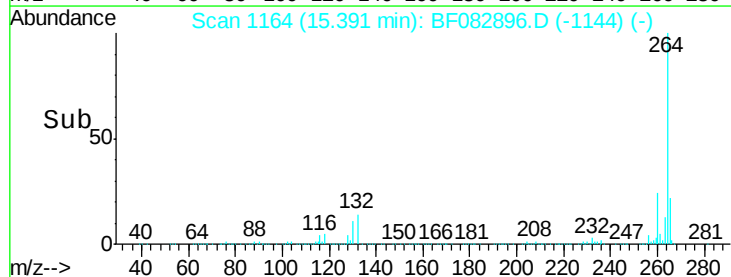
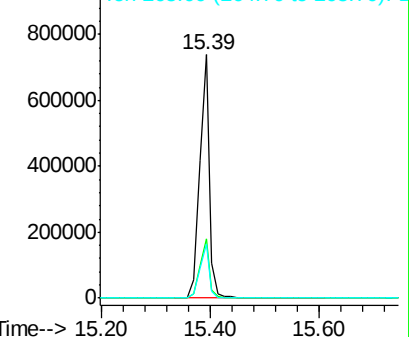
265 22.4 17.4 26.0



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



Instrument :

BNA_F

ClientSampleId :

COMP-1