

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082013.D
 Acq On : 3 Oct 2015 9:31
 Operator : UM/IZ
 Sample : G3905-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF007-01

Quant Time: Oct 05 00:22:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	91470	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	380340	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	195266	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	378674	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	360048	20.00	ng	-0.05
86) Perylene-d12	15.53	264	273508	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	802663	159.30	ng	-0.03
7) Phenol-d6	6.51	99	920758	145.22	ng	-0.05
23) Nitrobenzene-d5	7.45	82	584481	102.44	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	306996	155.24	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1288427	119.74	ng	-0.05
78) Terphenyl-d14	13.02	244	1264314	134.02	ng	-0.03

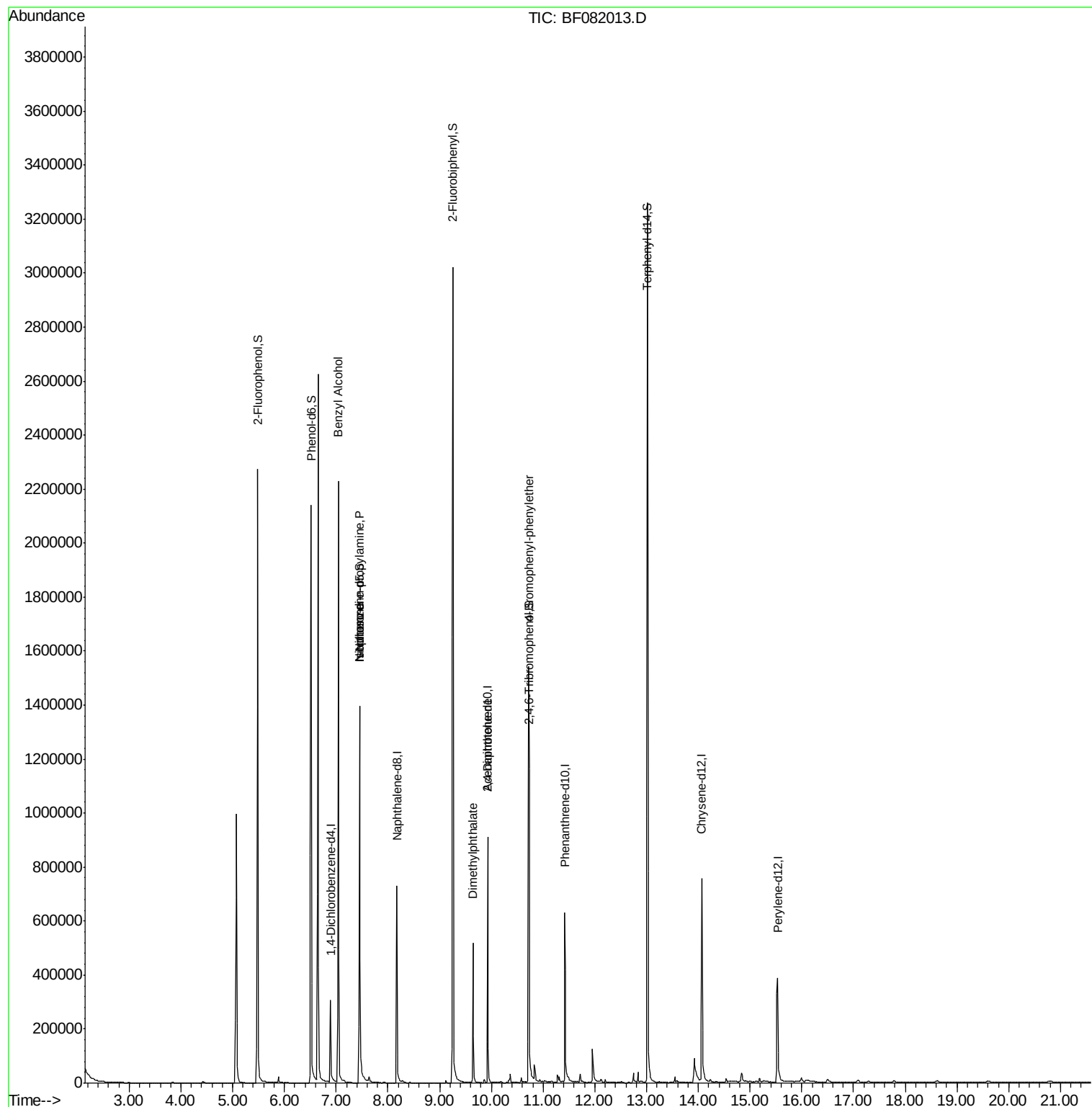
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.04	79	9509	2.08	ng	# 29
19) n-Nitroso-di-n-propylamine	7.45	70	74027	19.21	ng	# 59
25) Isophorone	7.45	82	534320	47.25	ng	# 58
49) Dimethylphthalate	9.65	163	251557	18.66	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	23506	6.30	ng	# 33
57) Fluorene	10.72	166	11271	Below Cal		# 89
66) 4-Bromophenyl-phenylether	10.72	248	19242	5.04	ng	# 1
70) Phenanthrene	11.45	178	718	Below Cal		# 62
73) Di-n-butylphthalate	11.99	149	4053	Below Cal		# 96

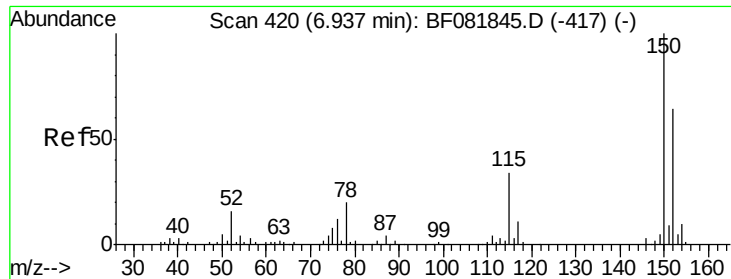
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF082013.D

Acq: 3 Oct 2015 9:31

Instrument :

BNA_F

ClientSampleId :

P001-BF007-01

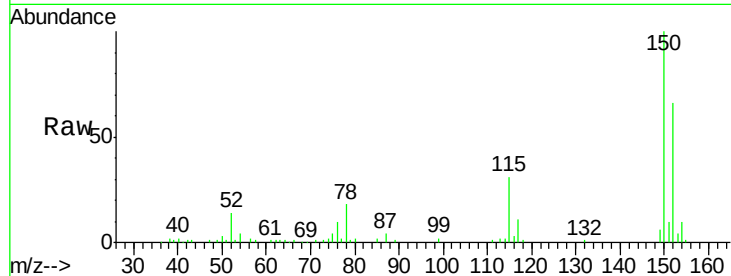
Tgt Ion:152 Resp: 91470

Ion Ratio Lower Upper

152 100

150 152.2 124.7 187.1

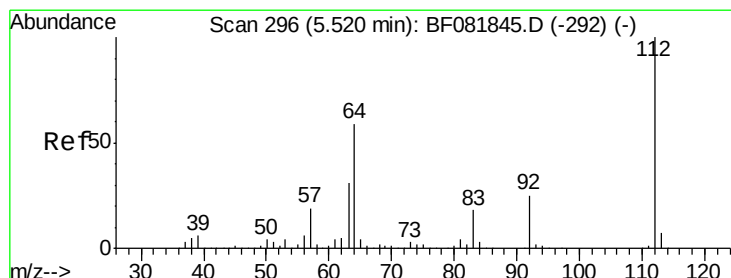
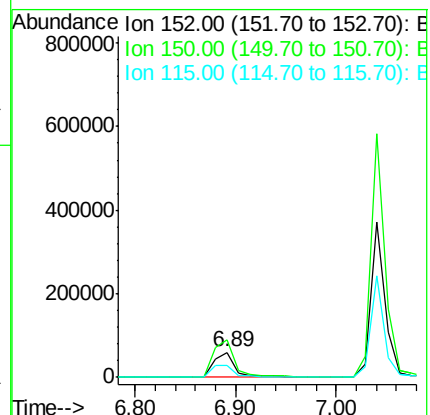
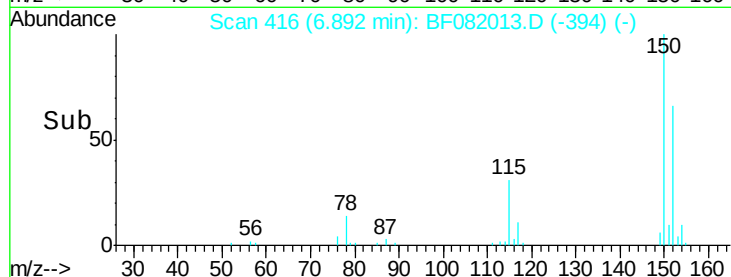
115 47.4 39.0 58.4



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: 159.30 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082013.D

Acq: 3 Oct 2015 9:31

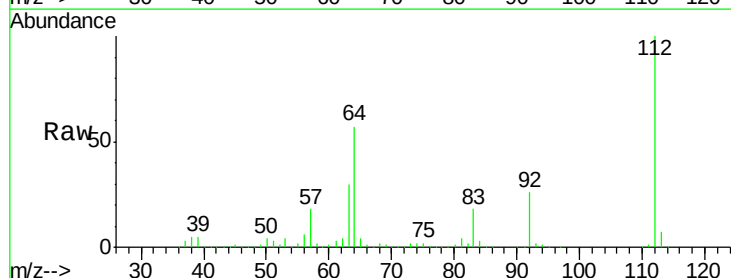
Tgt Ion:112 Resp: 802663

Ion Ratio Lower Upper

112 100

64 56.8 39.7 59.5

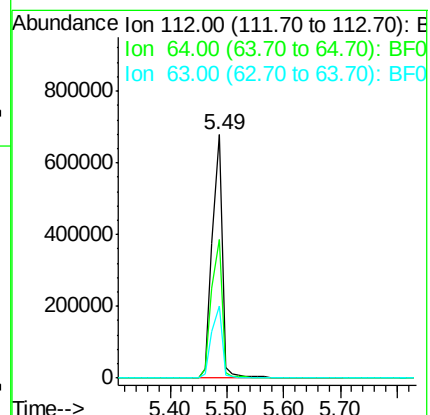
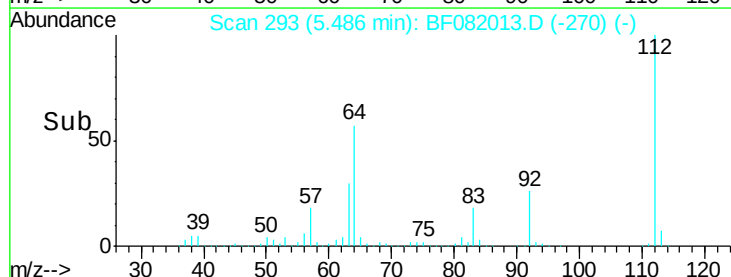
63 29.6 17.4 26.0#

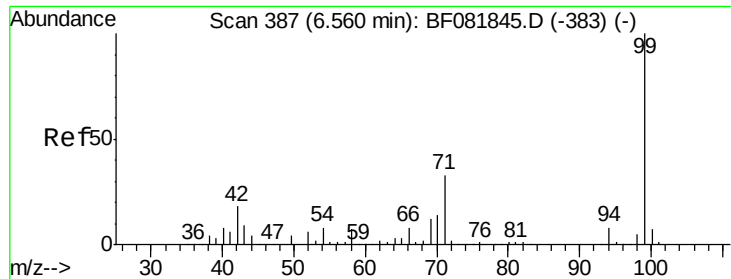


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.22 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082013.D

Acq: 3 Oct 2015 9:31

Instrument :

BNA_F

ClientSampleId :

P001-BF007-01

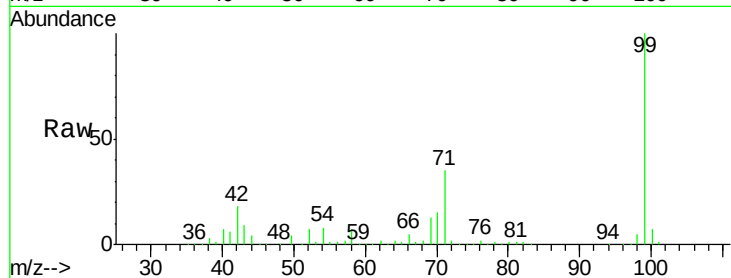
Tgt Ion: 99 Resp: 920758

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

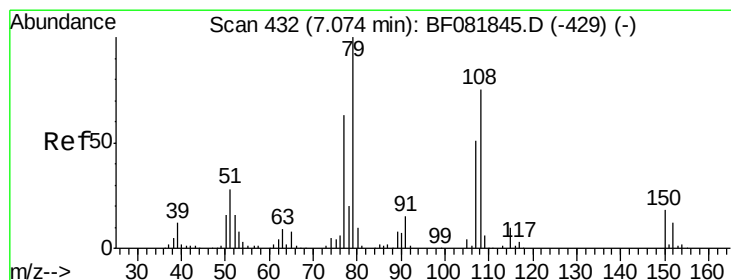
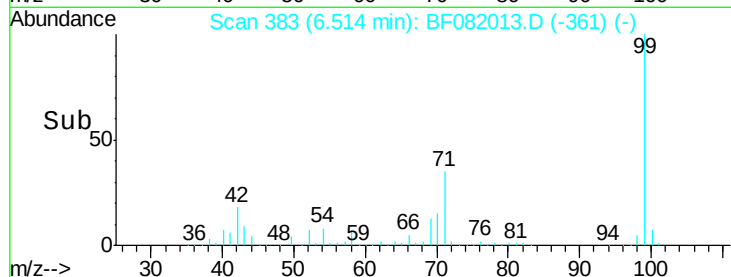
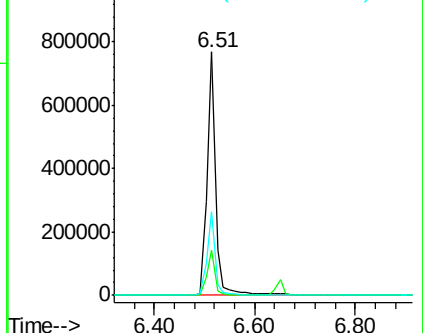
71 34.6 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF082013.D

Acq: 3 Oct 2015 9:31

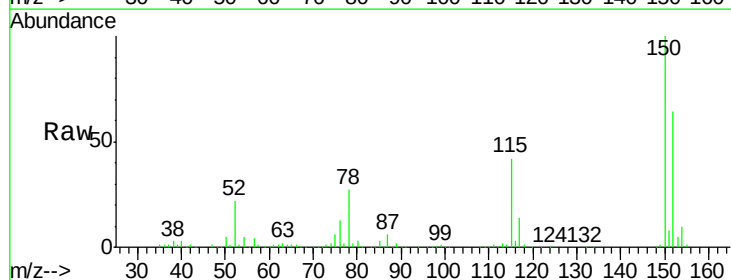
Tgt Ion: 79 Resp: 9509

Ion Ratio Lower Upper

79 100

108 27.5 88.6 132.8#

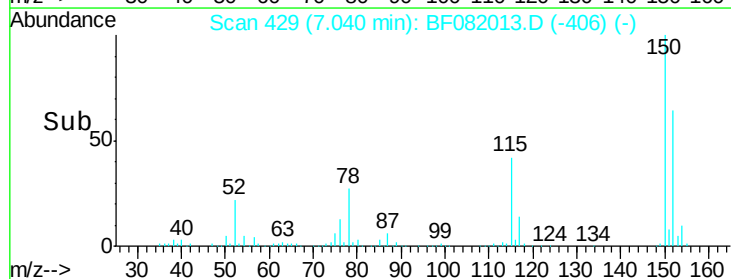
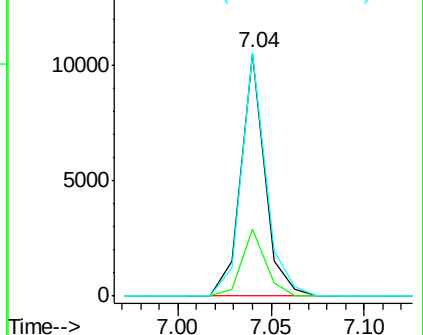
77 100.2 47.0 70.4#

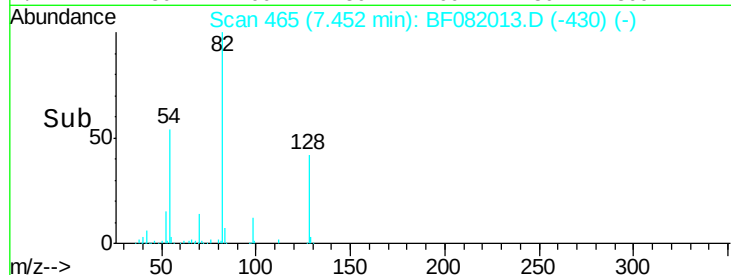
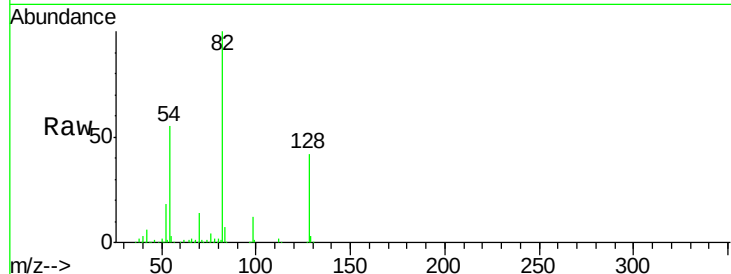
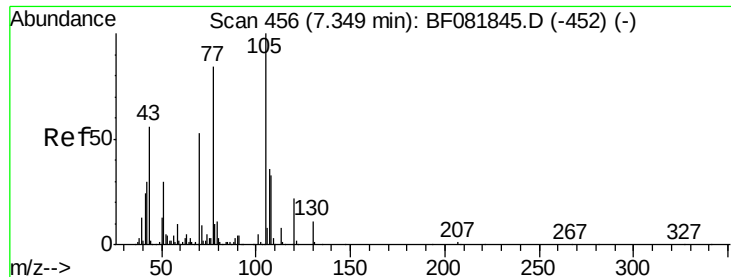


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

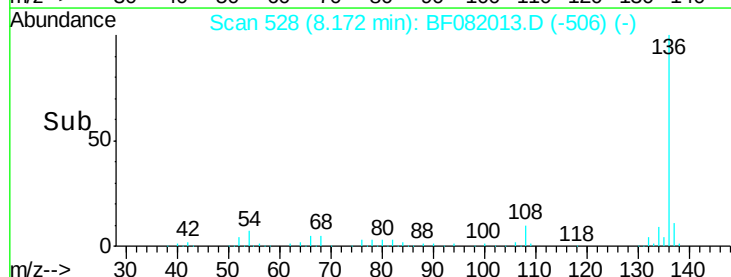
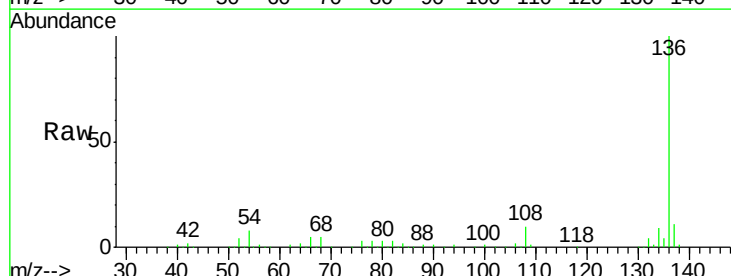
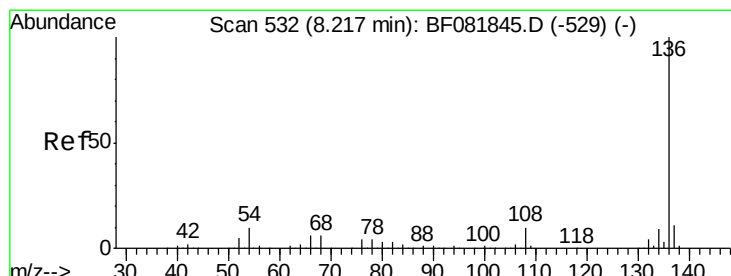
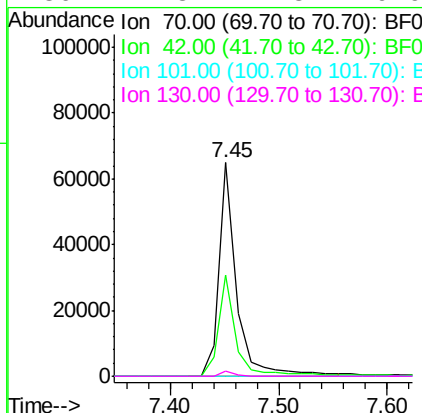




#19
n-Nitroso-di-n-propylamine
Concen: 19.21 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.10 min
Lab File: BF082013.D
Acq: 3 Oct 2015 9:31

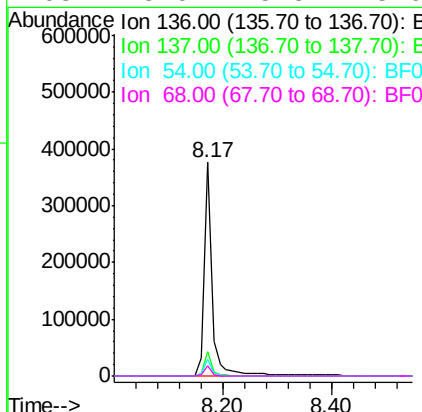
Instrument :
BNA_F
ClientSampleId :
P001-BF007-01

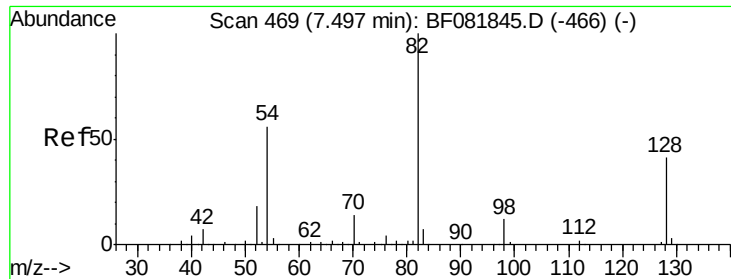
Tgt Ion:	70	Resp:	74027
Ion	Ratio	Lower	Upper
70	100		
42	47.3	63.8	95.6#
101	0.0	9.2	13.8#
130	2.3	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082013.D
Acq: 3 Oct 2015 9:31

Tgt Ion:	136	Resp:	380340
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	7.6	8.2	12.2#
68	5.0	5.8	8.6#

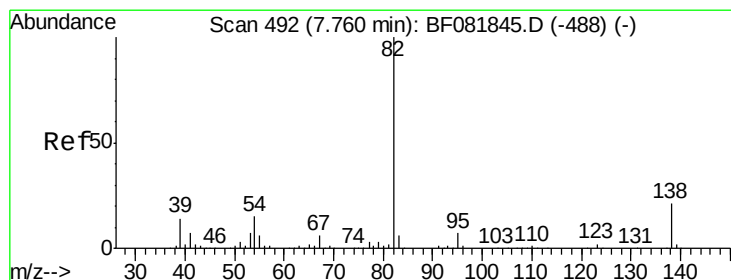
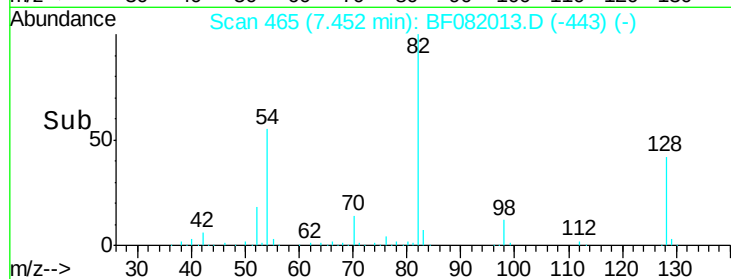
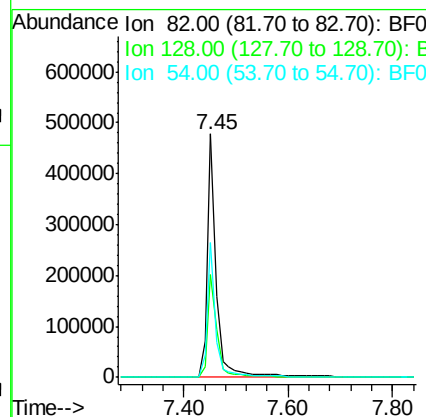
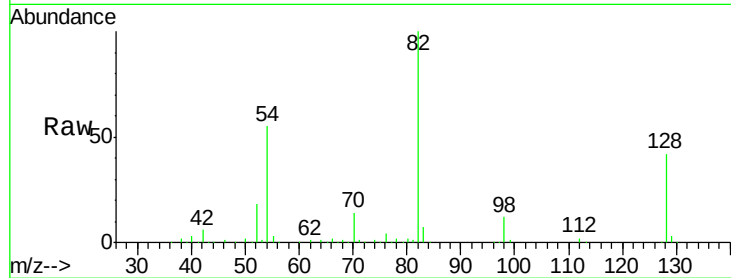




#23
 Nitrobenzene-d5
 Concen: 102.44 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.05 min
 Lab File: BF082013.D
 Acq: 3 Oct 2015 9:31

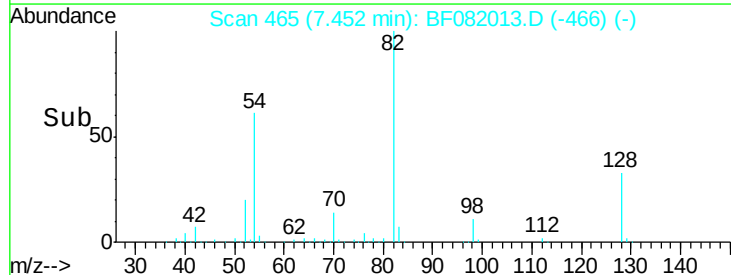
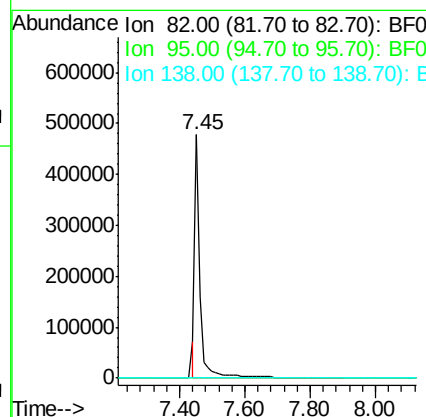
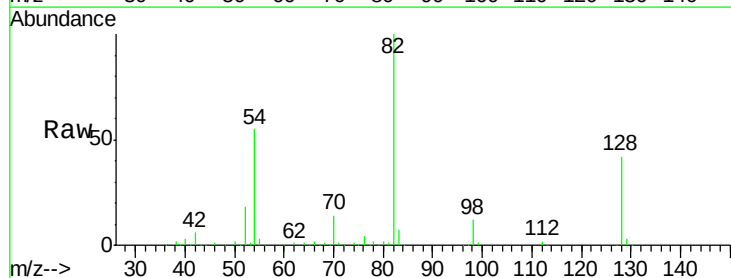
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF007-01

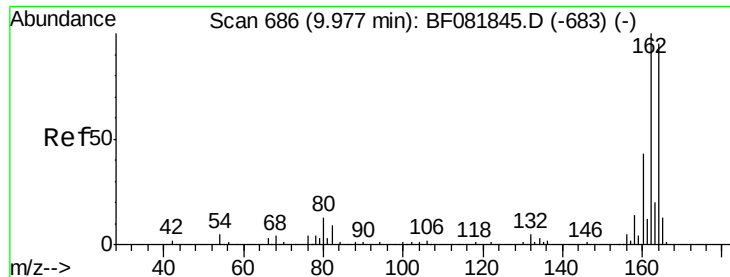
Tgt Ion: 82 Resp: 584481
 Ion Ratio Lower Upper
 82 100
 128 42.0 51.0 76.6#
 54 55.2 47.5 71.3



#25
 Isophorone
 Concen: 47.25 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.31 min
 Lab File: BF082013.D
 Acq: 3 Oct 2015 9:31

Tgt Ion: 82 Resp: 534320
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#

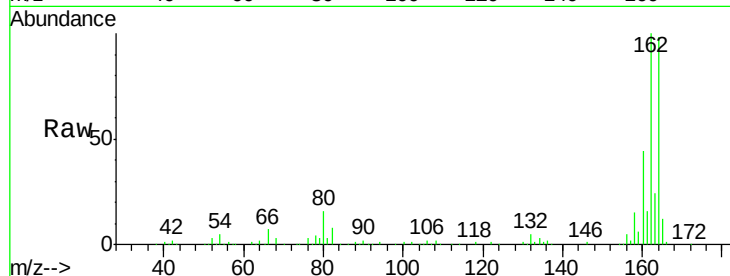




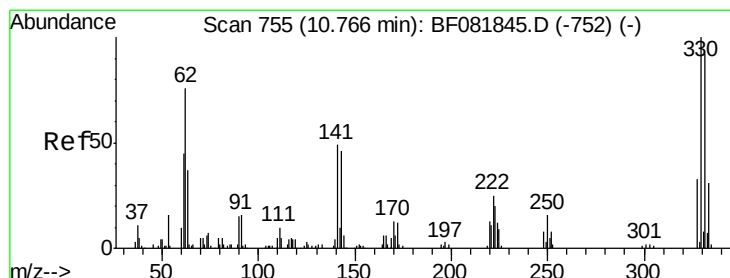
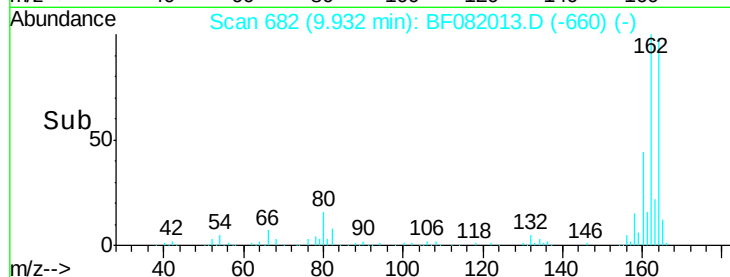
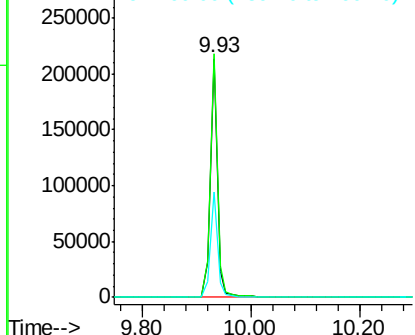
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF082013.D
 Acq: 3 Oct 2015 9:31

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF007-01

Tgt Ion:164 Resp: 195266
 Ion Ratio Lower Upper
 164 100
 162 101.9 75.2 112.8
 160 44.3 31.5 47.3

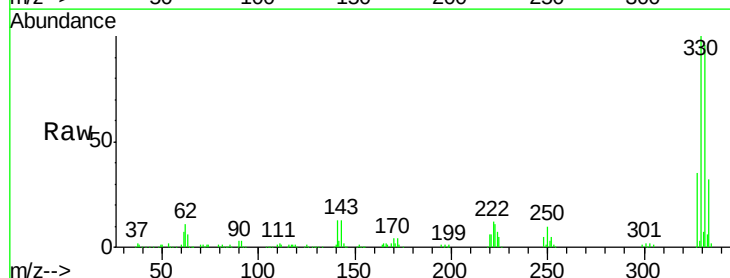


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

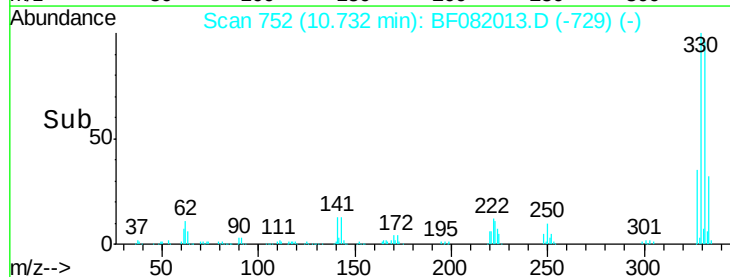
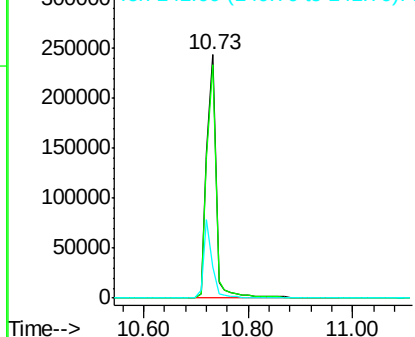


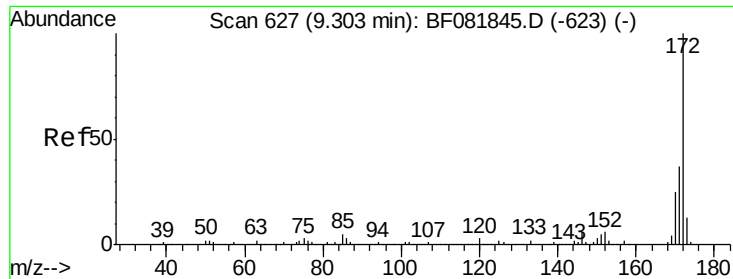
#41
 2,4,6-Tribromophenol
 Concen: 155.24 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082013.D
 Acq: 3 Oct 2015 9:31

Tgt Ion:330 Resp: 306996
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 30.0 29.7 44.5



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

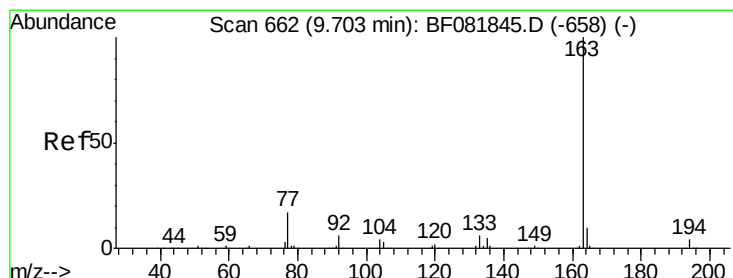
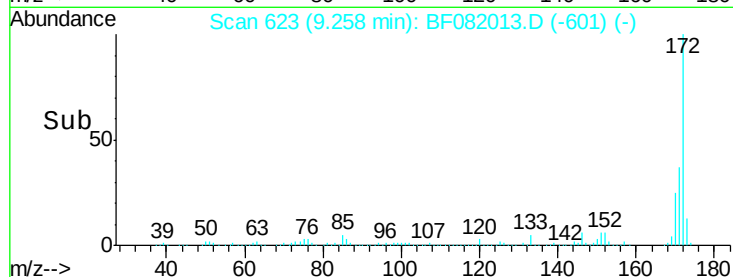
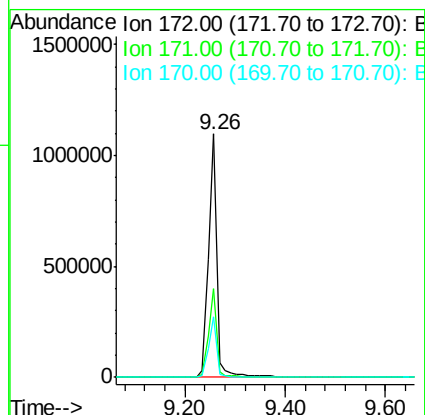
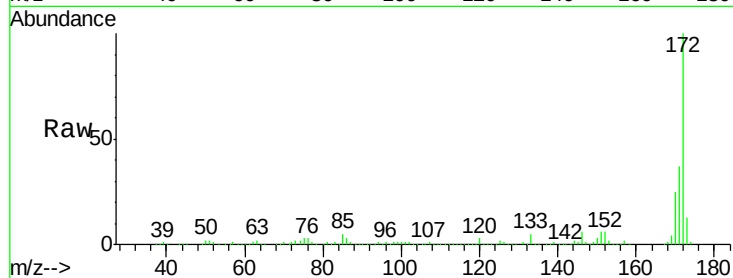




#44
 2-Fluorobiphenyl
 Concen: 119.74 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082013.D
 Acq: 3 Oct 2015 9:31

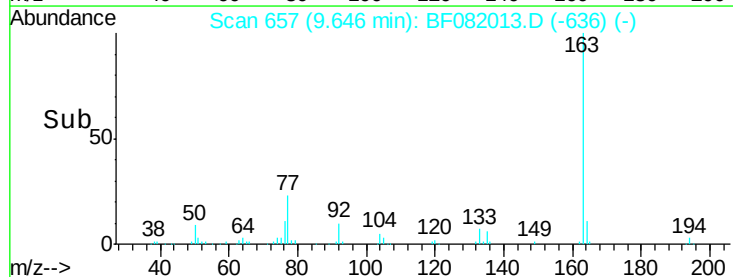
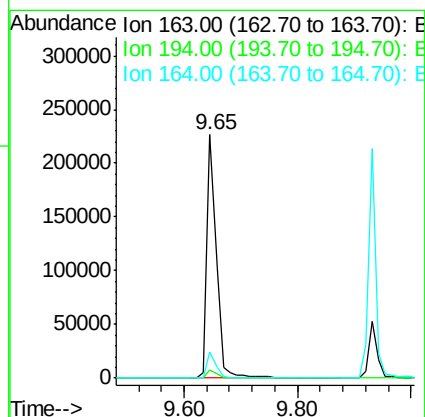
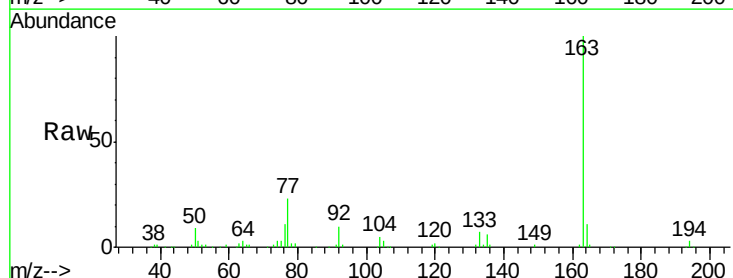
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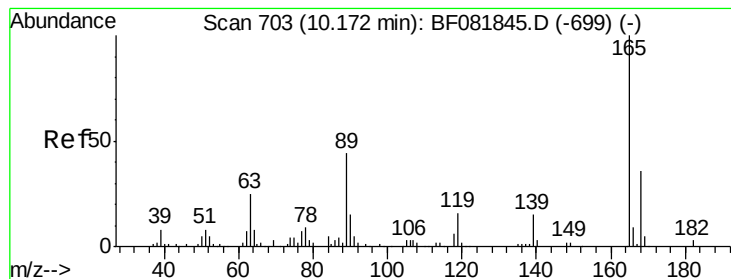
Tgt Ion:172 Resp: 1288427
 Ion Ratio Lower Upper
 172 100
 171 36.6 26.1 39.1
 170 24.9 17.4 26.2



#49
 Dimethylphthalate
 Concen: 18.66 ng
 RT: 9.65 min Scan# 657
 Delta R.T. -0.06 min
 Lab File: BF082013.D
 Acq: 3 Oct 2015 9:31

Tgt Ion:163 Resp: 251557
 Ion Ratio Lower Upper
 163 100
 194 3.2 4.4 6.6#
 164 10.6 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 6.30 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF082013.D

Acq: 3 Oct 2015 9:31

Instrument :

BNA_F

ClientSampleId :

P001-BF007-01

Tgt Ion:165 Resp: 23506

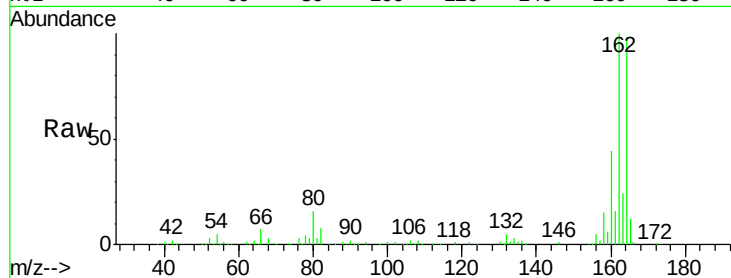
Ion Ratio Lower Upper

165 100

63 1.2 29.8 44.6#

89 1.4 44.5 66.7#

182 0.0 3.0 4.4#

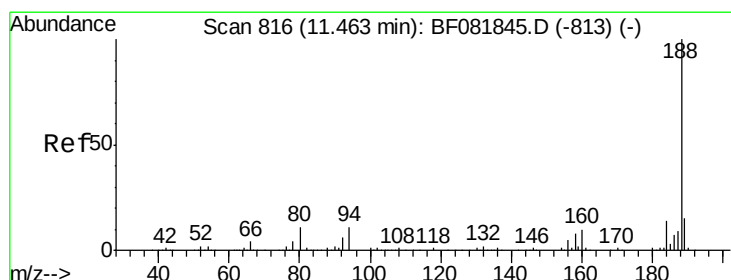
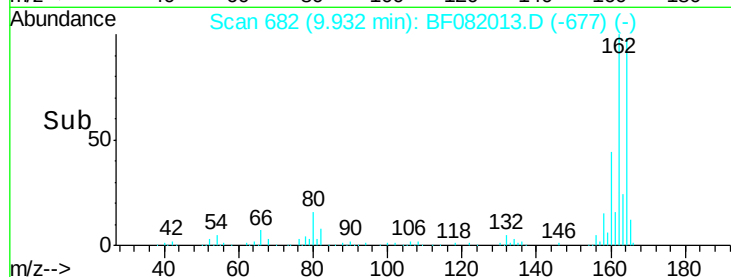
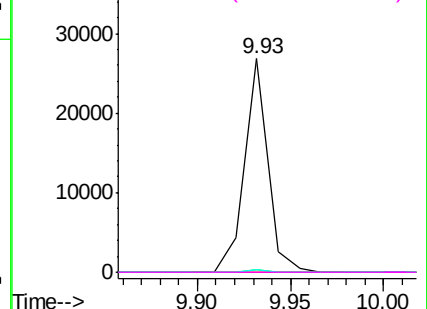


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.42 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF082013.D

Acq: 3 Oct 2015 9:31

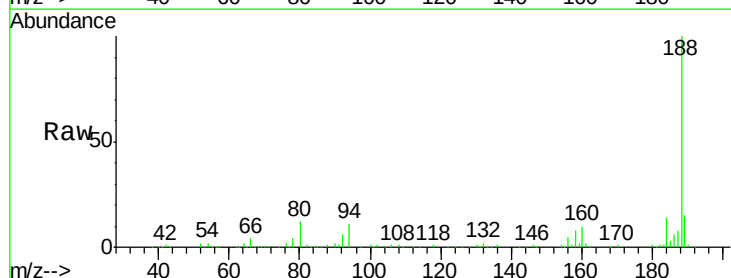
Tgt Ion:188 Resp: 378674

Ion Ratio Lower Upper

188 100

94 10.8 11.1 16.7#

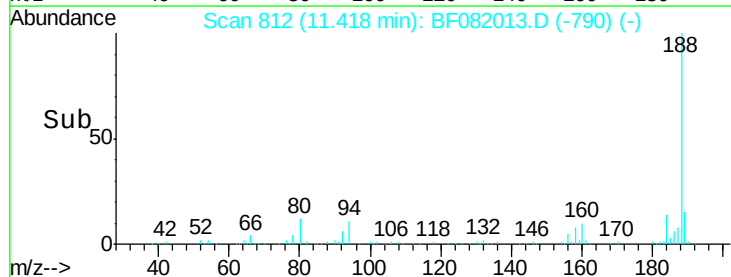
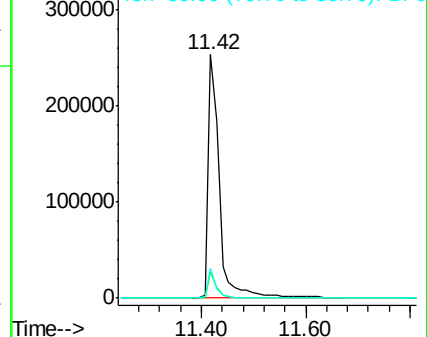
80 12.0 11.0 16.4

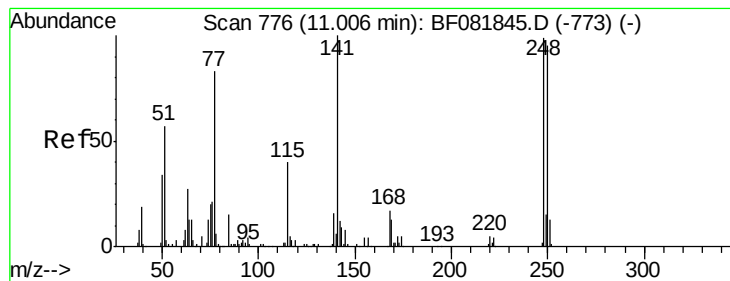


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.04 ng

RT: 10.72 min Scan# 751

Delta R.T. -0.29 min

Lab File: BF082013.D

Acq: 3 Oct 2015 9:31

Instrument :

BNA_F

ClientSampleId :

P001-BF007-01

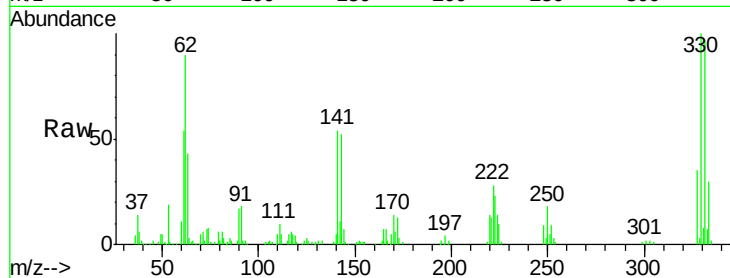
Tgt Ion:248 Resp: 19242

Ion Ratio Lower Upper

248 100

250 198.1 78.5 117.7#

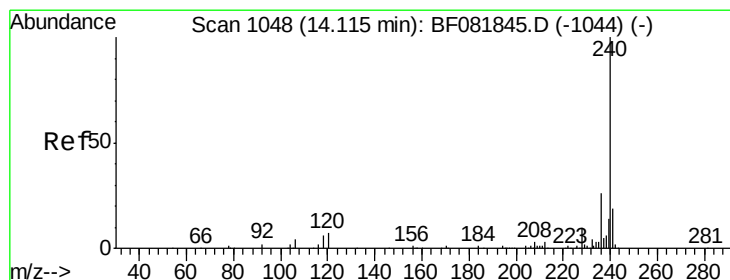
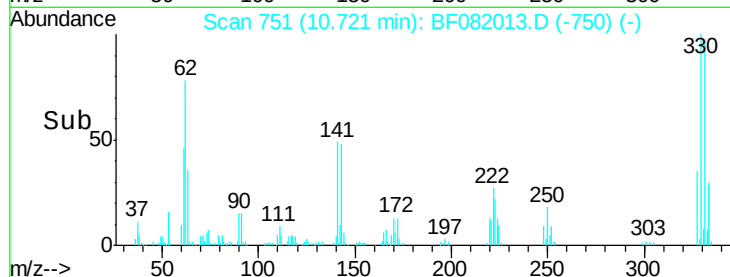
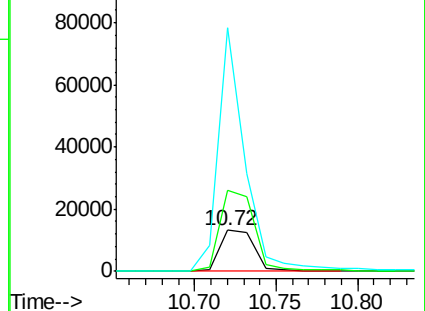
141 591.3 59.0 88.6#



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: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF082013.D

Acq: 3 Oct 2015 9:31

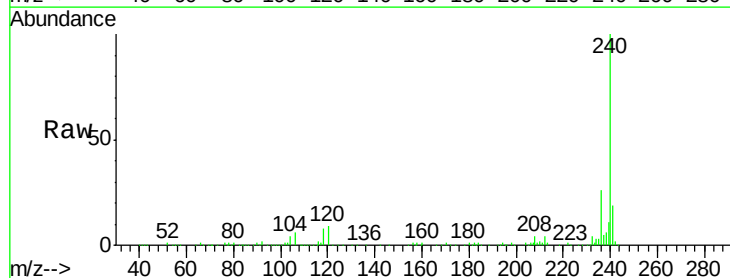
Tgt Ion:240 Resp: 360048

Ion Ratio Lower Upper

240 100

120 9.2 16.2 24.2#

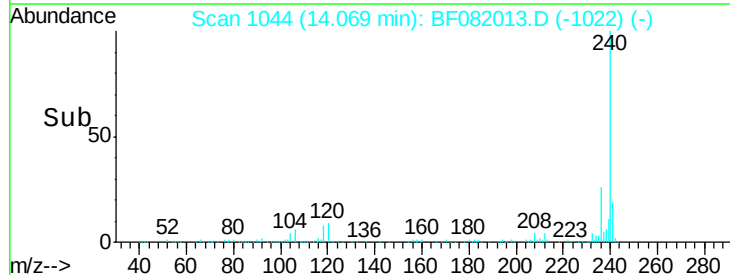
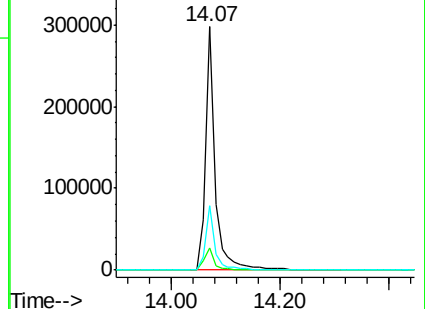
236 26.2 18.4 27.6

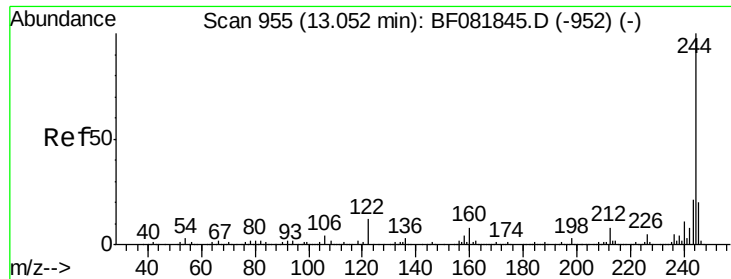


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

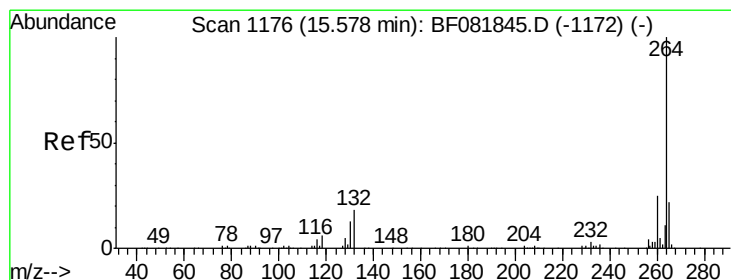
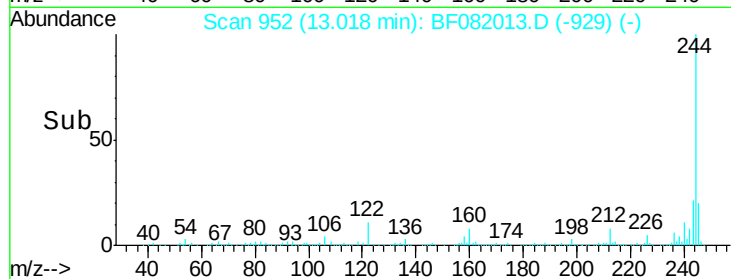
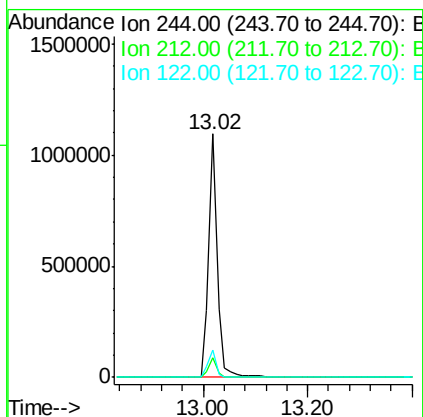
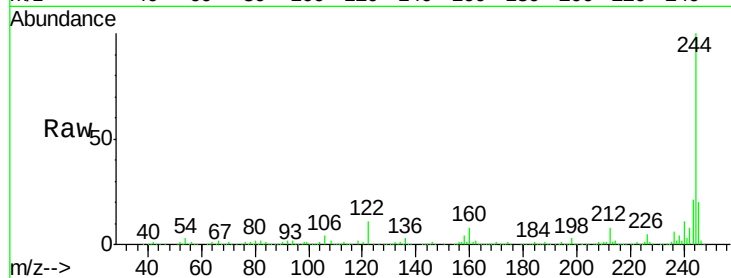




#78
 Terphenyl-d14
 Concen: 134.02 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF082013.D
 Acq: 3 Oct 2015 9:31

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF007-01

Tgt Ion:244 Resp: 1264314
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 11.1 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF082013.D
 Acq: 3 Oct 2015 9:31

Tgt Ion:264 Resp: 273508
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 21.1 17.2 25.8

