

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082824.D
 Acq On : 8 Nov 2015 5:59
 Operator : UM/IZ
 Sample : G4261-07RE
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-1RE

Quant Time: Nov 09 00:13:19 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

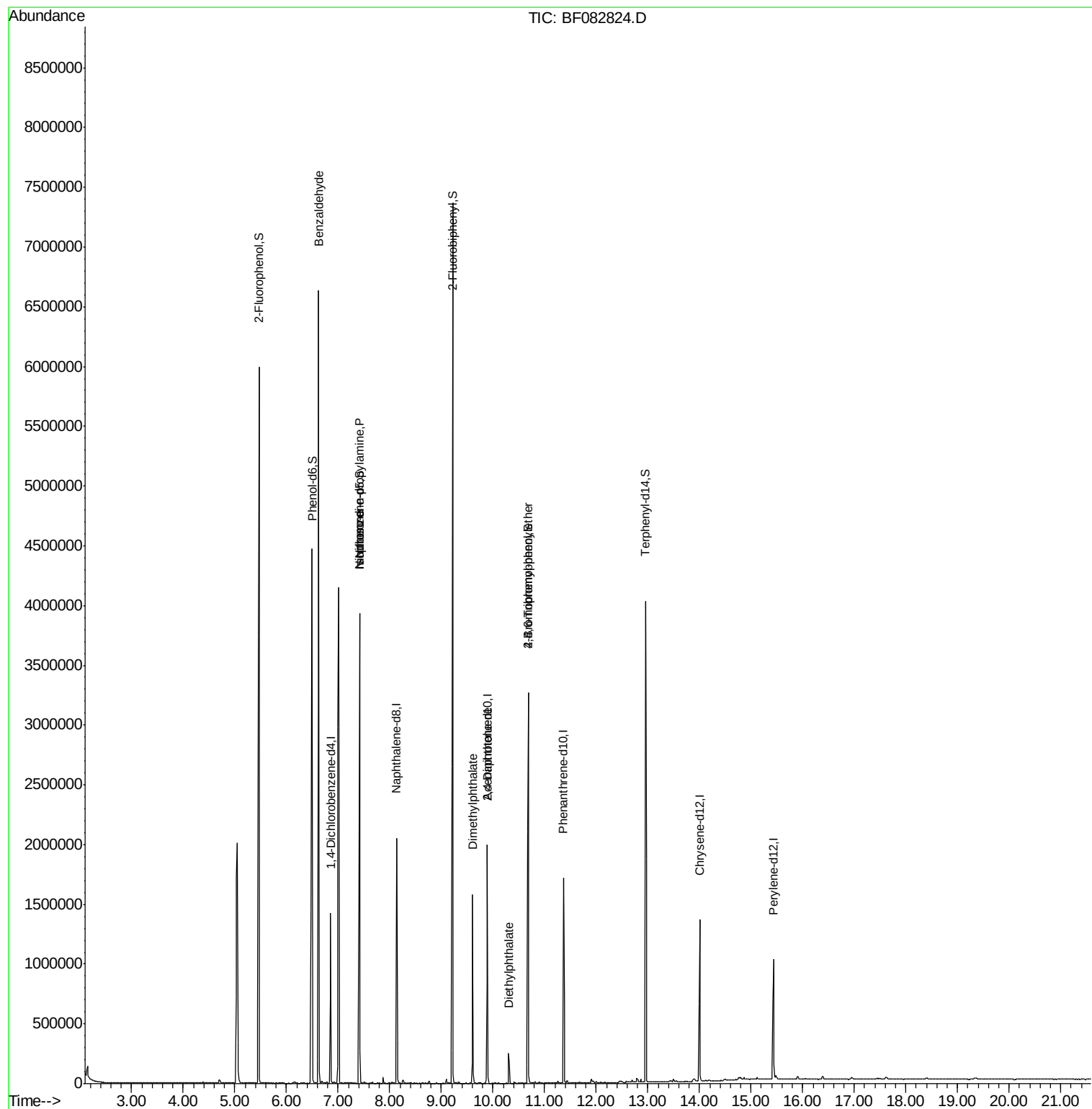
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	241618	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	833249	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	429644	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	668864	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	536664	20.00	ng	-0.01
86) Perylene-d12	15.44	264	496961	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1864120	120.04	ng	0.02
7) Phenol-d6	6.50	99	2489421	120.59	ng	0.02
23) Nitrobenzene-d5	7.41	82	1420545	74.18	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	477275	96.88	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2237893	74.65	ng	0.00
78) Terphenyl-d14	12.96	244	1452057	64.17	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.62	77	50086	4.39	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.41	70	201704	13.29	ng	# 70
25) Isophorone	7.41	82	1380928	38.97	ng	# 69
49) Dimethylphthalate	9.61	163	547156	15.54	ng	99
56) 2,4-Dinitrotoluene	9.89	165	57626	5.65	ng	# 16
59) Diethylphthalate	10.30	149	120056	3.49	ng	96
66) 4-Bromophenyl-phenylether	10.68	248	33597	4.17	ng	# 1

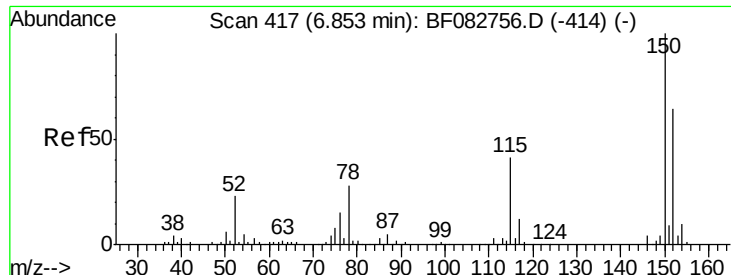
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082824.D

Acq: 8 Nov 2015 5:59

Instrument :

BNA_F

ClientSampleId :

DW-1RE

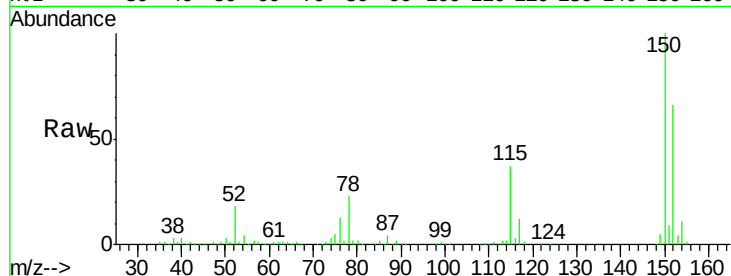
Tgt Ion:152 Resp: 241618

Ion Ratio Lower Upper

152 100

150 152.4 127.0 190.4

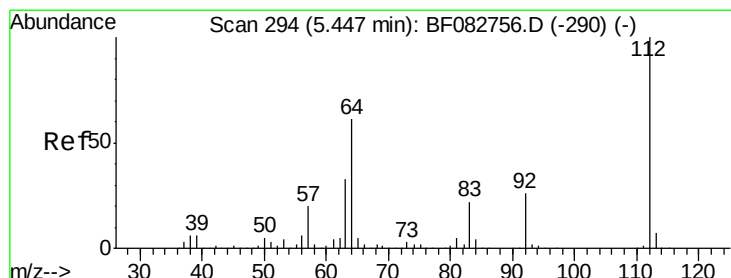
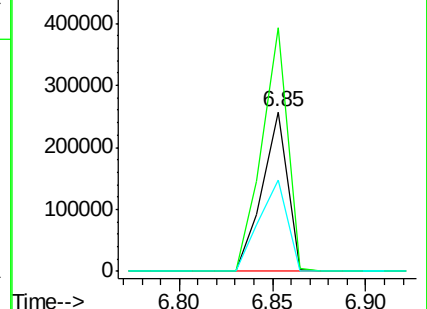
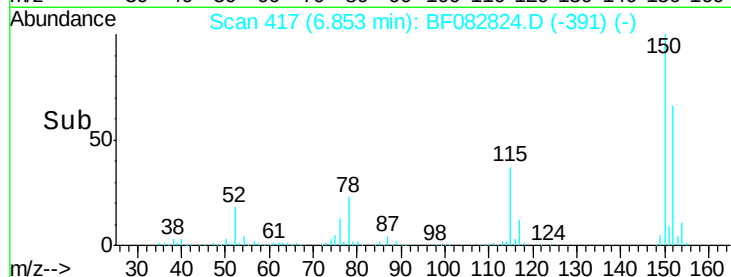
115 57.2 47.0 70.6



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: 120.04 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF082824.D

Acq: 8 Nov 2015 5:59

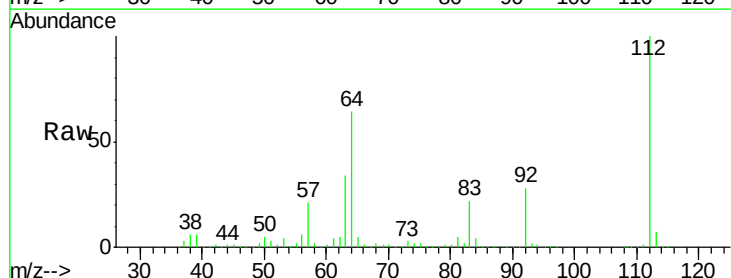
Tgt Ion:112 Resp: 1864120

Ion Ratio Lower Upper

112 100

64 63.9 48.9 73.3

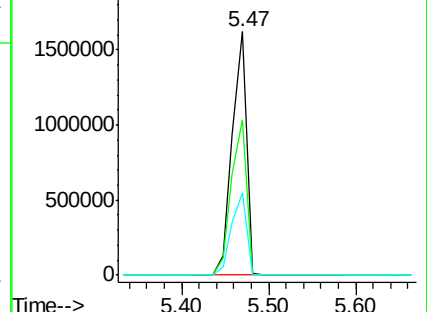
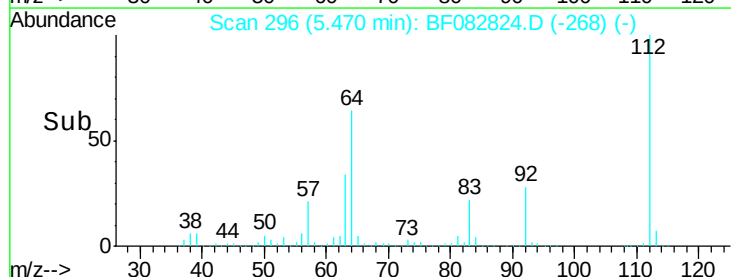
63 34.0 28.1 42.1

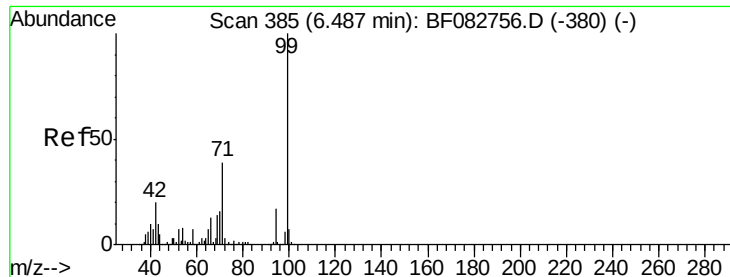


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.59 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082824.D

Acq: 8 Nov 2015 5:59

Instrument :

BNA_F

ClientSampleId :

DW-1RE

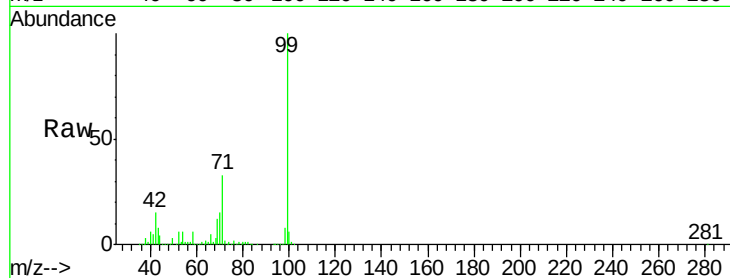
Tgt Ion: 99 Resp: 2489421

Ion Ratio Lower Upper

99 100

42 14.9 19.2 28.8#

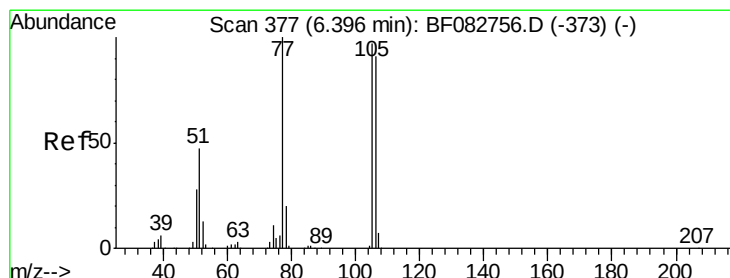
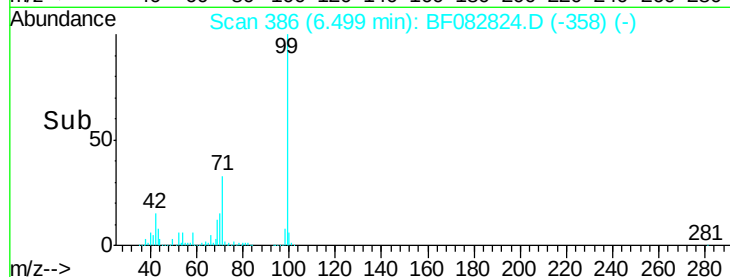
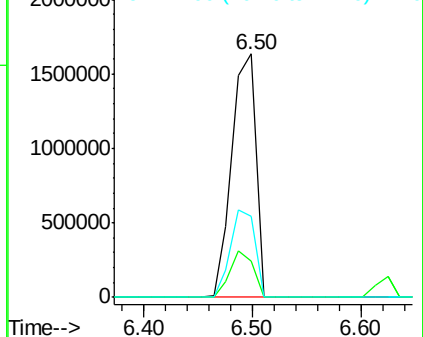
71 33.1 35.0 52.4#



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: 4.39 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.23 min

Lab File: BF082824.D

Acq: 8 Nov 2015 5:59

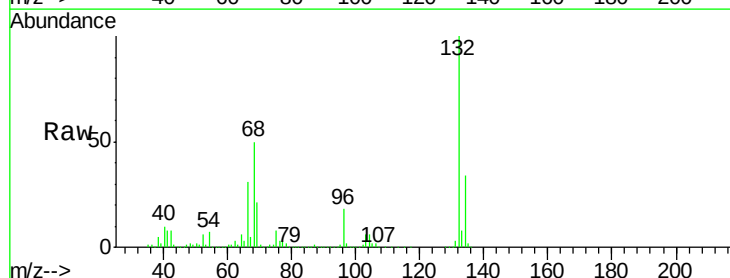
Tgt Ion: 77 Resp: 50086

Ion Ratio Lower Upper

77 100

105 74.0 63.5 103.5

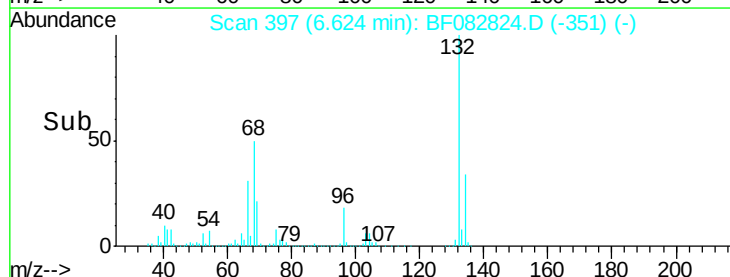
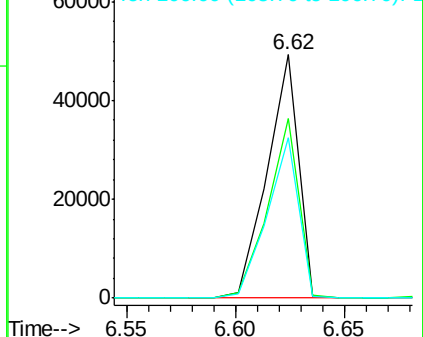
106 65.6 59.3 99.3

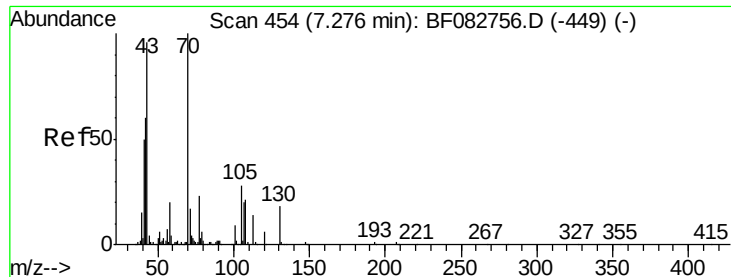


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

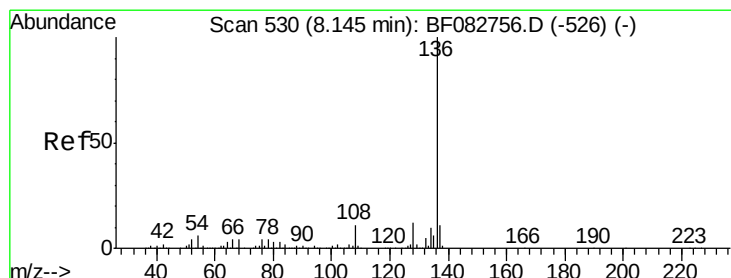
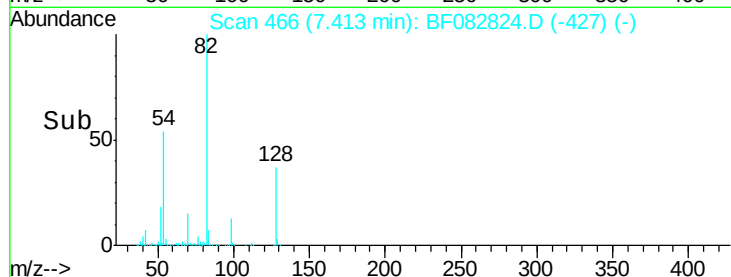
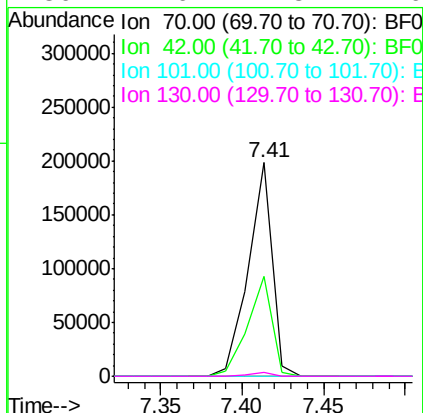
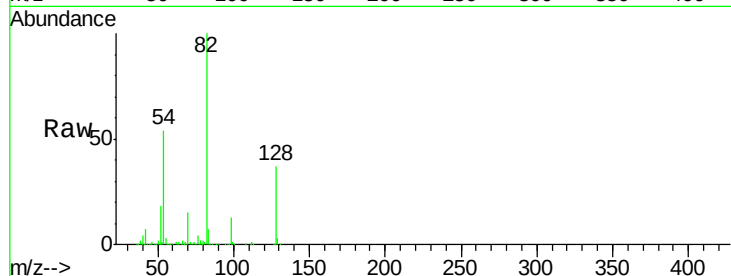




#19
n-Nitroso-di-n-propylamine
Concen: 13.29 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082824.D
Acq: 8 Nov 2015 5:59

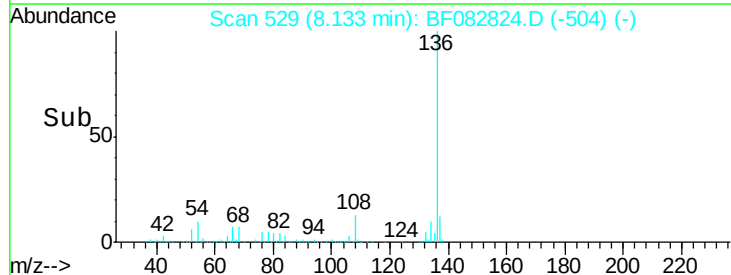
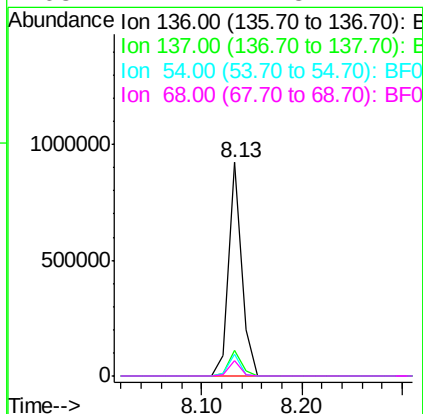
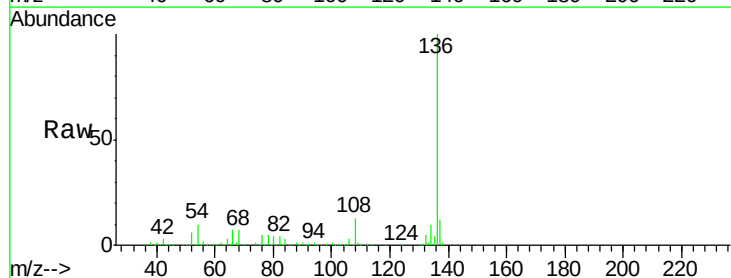
Instrument :
BNA_F
ClientSampleId :
DW-1RE

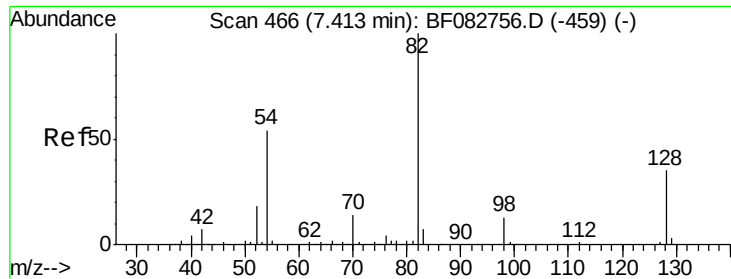
Tgt Ion:	70	Resp:	201704
Ion	Ratio	Lower	Upper
70	100		
42	46.9	57.7	86.5#
101	0.0	7.0	10.6#
130	1.6	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082824.D
Acq: 8 Nov 2015 5:59

Tgt Ion:	136	Resp:	833249
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	10.1	9.1	13.7
68	7.1	4.8	7.2

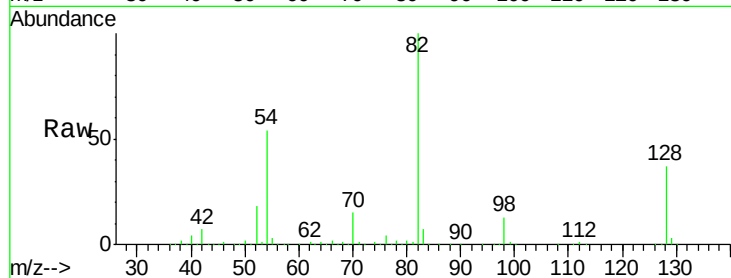




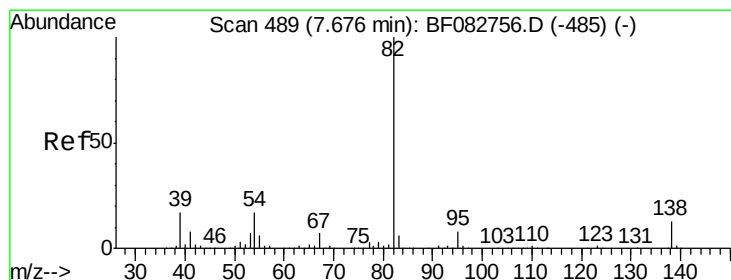
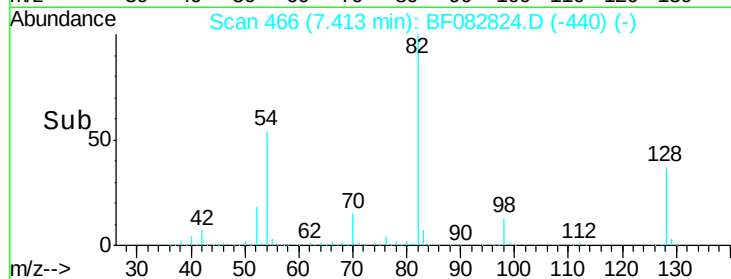
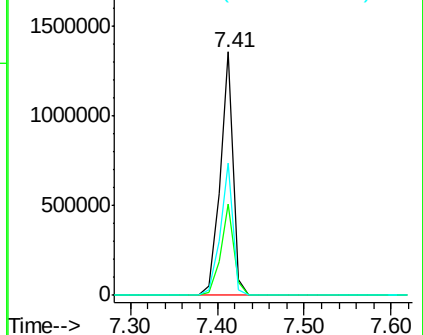
#23
 Nitrobenzene-d5
 Concen: 74.18 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082824.D
 Acq: 8 Nov 2015 5:59

Instrument :
 BNA_F
 ClientSampleId :
 DW-1RE

Tgt Ion: 82 Resp: 1420545
 Ion Ratio Lower Upper
 82 100
 128 37.3 26.8 40.2
 54 54.2 45.7 68.5

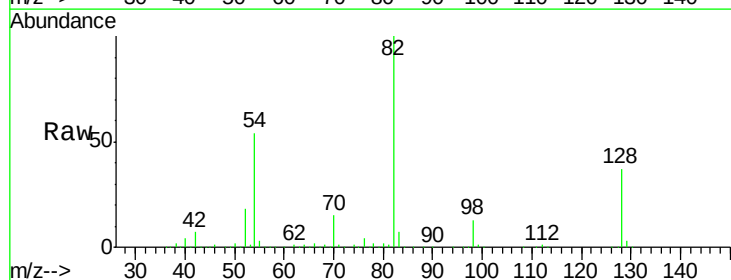


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

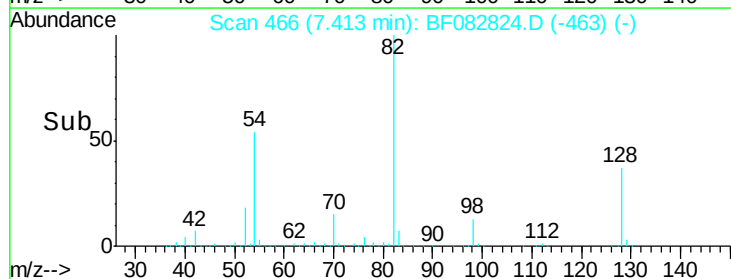
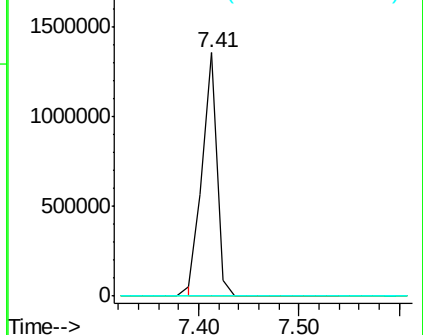


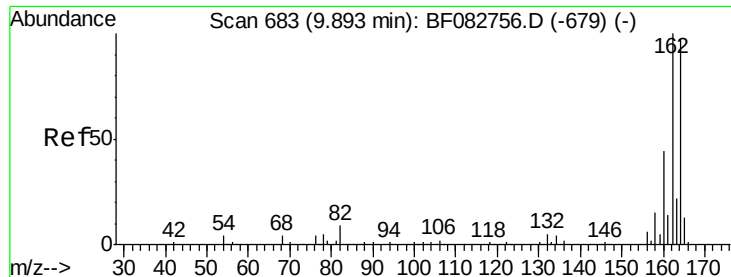
#25
 Isophorone
 Concen: 38.97 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF082824.D
 Acq: 8 Nov 2015 5:59

Tgt Ion: 82 Resp: 1380928
 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: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082824.D

Acq: 8 Nov 2015 5:59

Instrument :

BNA_F

ClientSampleId :

DW-1RE

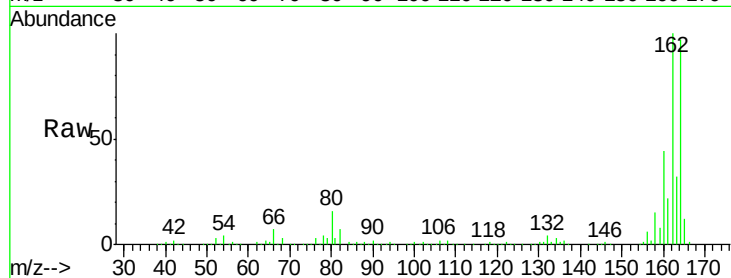
Tgt Ion:164 Resp: 429644

Ion Ratio Lower Upper

164 100

162 103.0 84.9 127.3

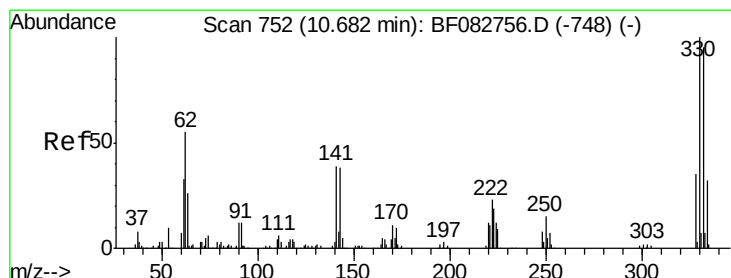
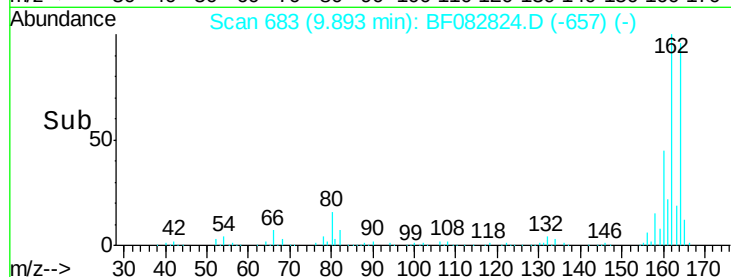
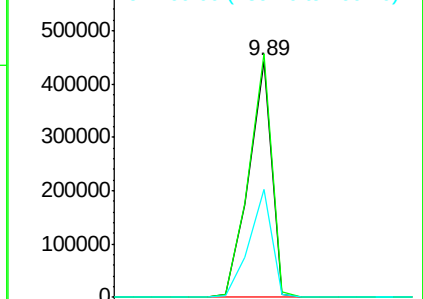
160 45.8 37.5 56.3



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: 96.88 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF082824.D

Acq: 8 Nov 2015 5:59

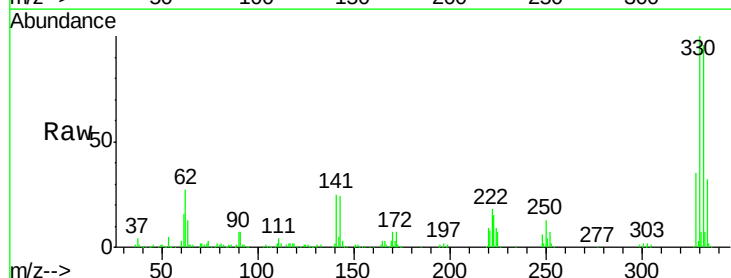
Tgt Ion:330 Resp: 477275

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

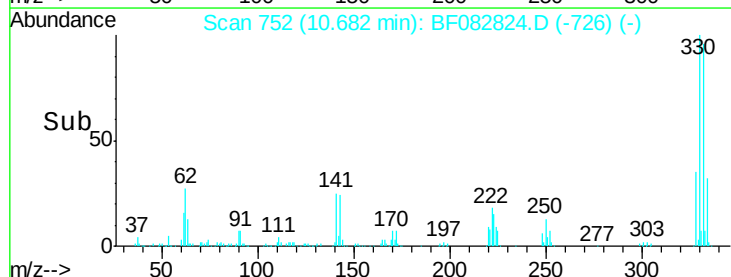
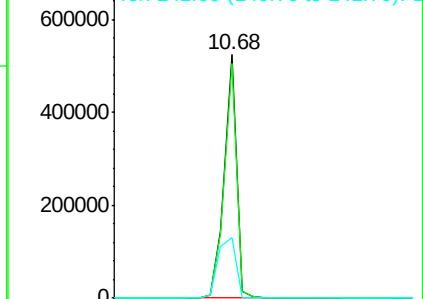
141 36.5 41.2 61.8#

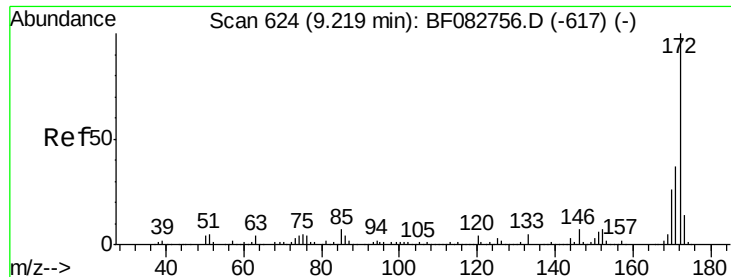


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

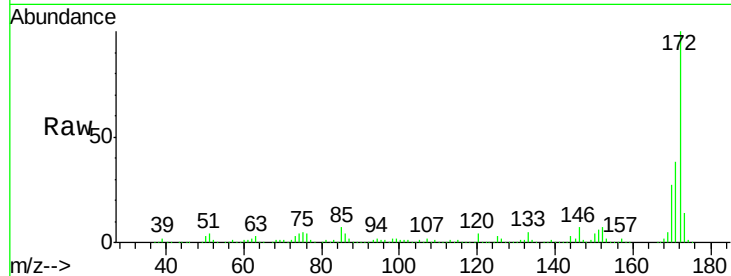




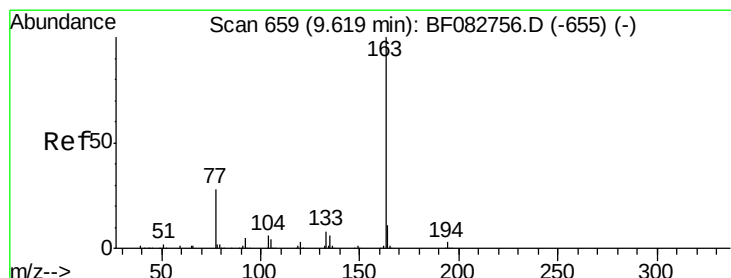
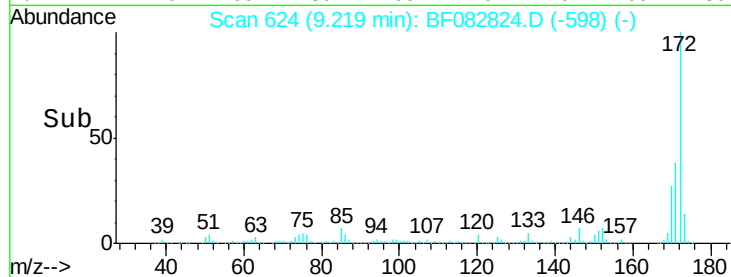
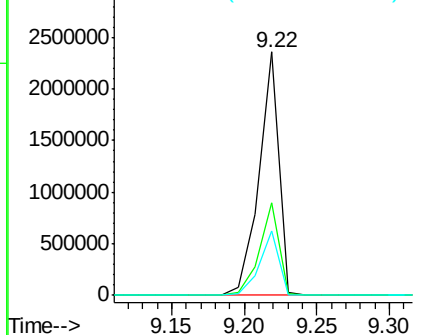
#44
 2-Fluorobiphenyl
 Concen: 74.65 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082824.D
 Acq: 8 Nov 2015 5:59

Instrument :
 BNA_F
 ClientSampleId :
 DW-1RE

Tgt Ion:172 Resp: 2237893
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 26.6 21.2 31.8

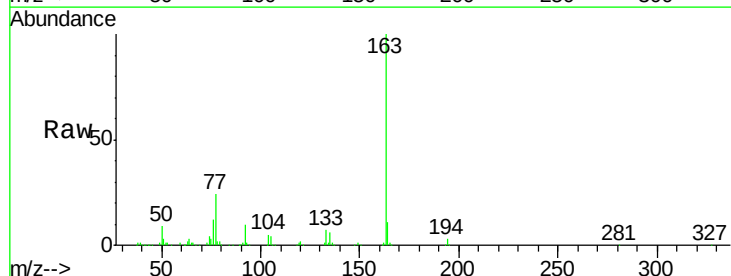


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

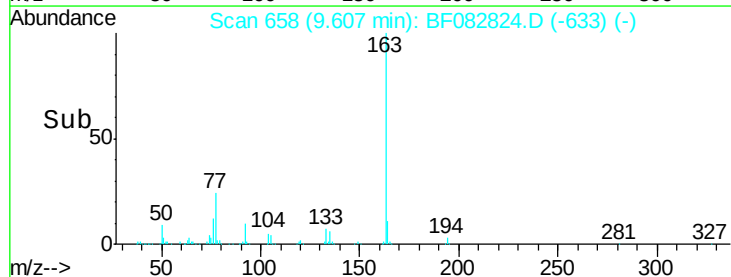
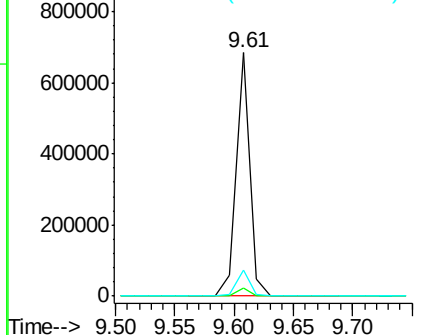


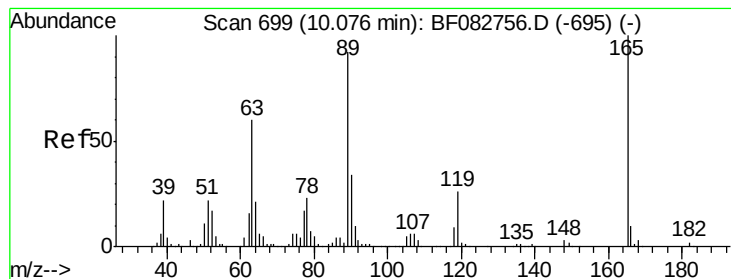
#49
 Dimethylphthalate
 Concen: 15.54 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF082824.D
 Acq: 8 Nov 2015 5:59

Tgt Ion:163 Resp: 547156
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 10.7 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: 5.65 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.18 min

Lab File: BF082824.D

Acq: 8 Nov 2015 5:59

Instrument :

BNA_F

ClientSampleId :

DW-1RE

Tgt Ion:165 Resp: 57626

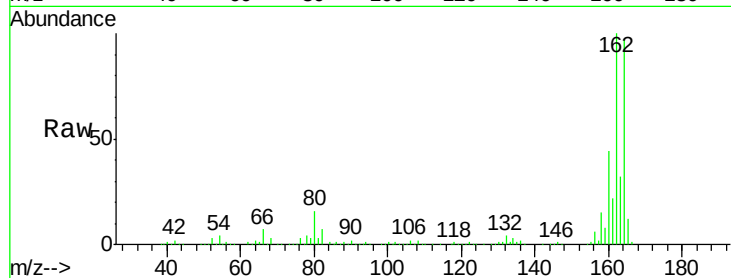
Ion Ratio Lower Upper

165 100

63 1.7 43.4 65.0#

89 2.1 70.6 106.0#

182 0.0 1.5 2.3#

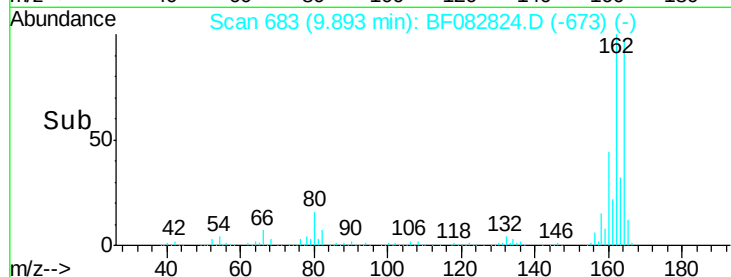


Abundance Ion 165.00 (164.70 to 165.70): E

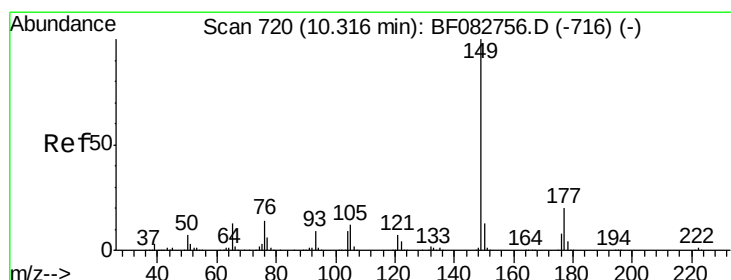
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#59

Diethylphthalate

Concen: 3.49 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF082824.D

Acq: 8 Nov 2015 5:59

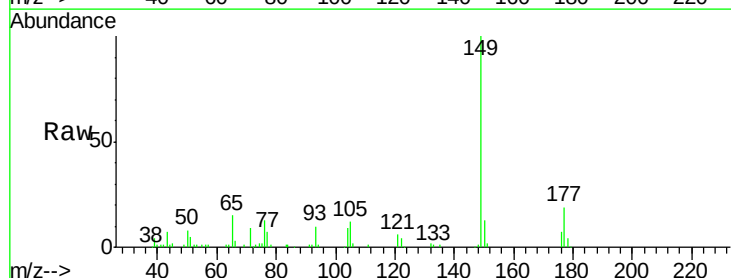
Tgt Ion:149 Resp: 120056

Ion Ratio Lower Upper

149 100

177 19.2 17.9 26.9

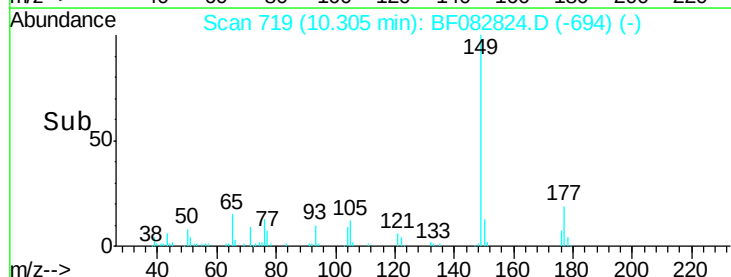
150 12.7 10.1 15.1



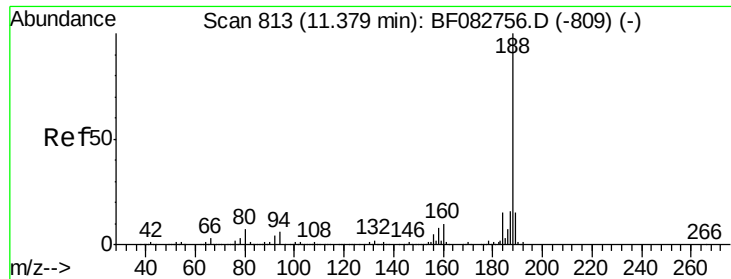
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



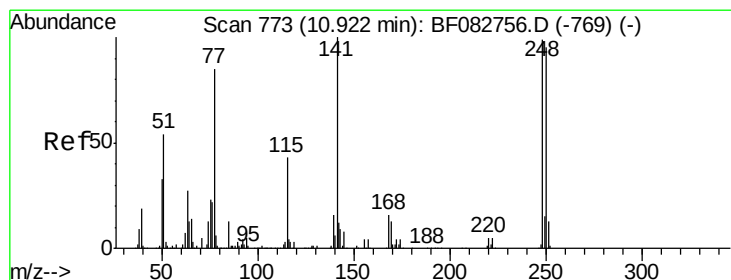
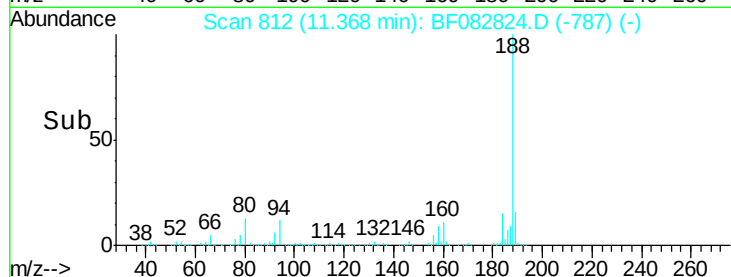
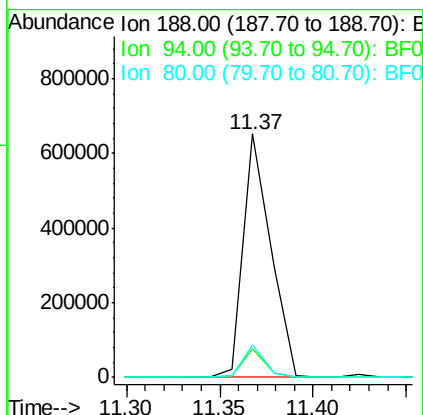
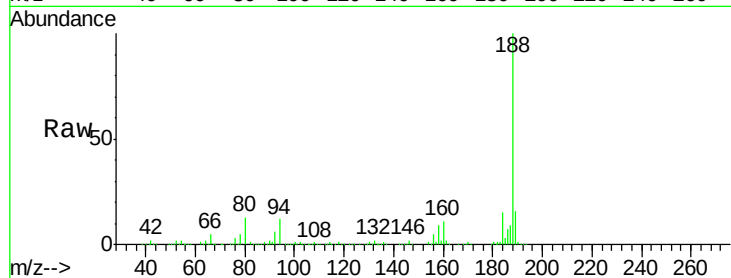
Time-->



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082824.D
Acq: 8 Nov 2015 5:59

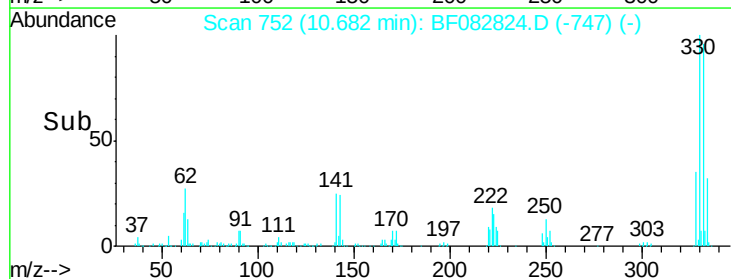
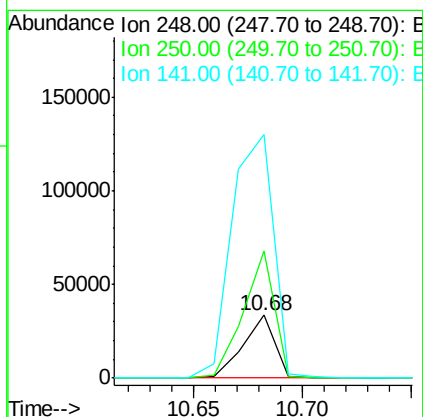
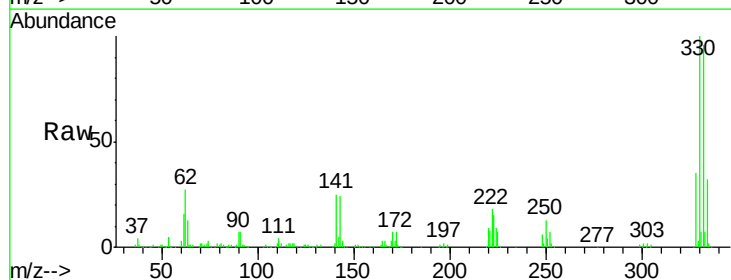
Instrument :
BNA_F
ClientSampleId :
DW-1RE

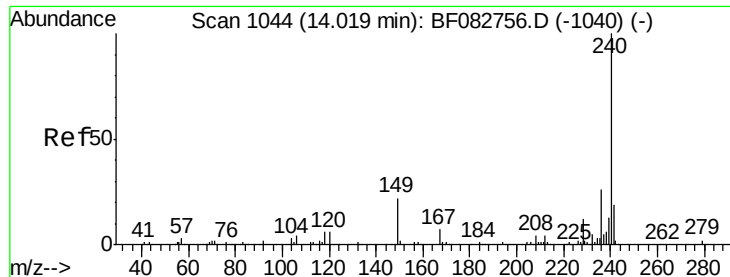
Tgt Ion:188 Resp: 668864
Ion Ratio Lower Upper
188 100
94 11.6 6.1 9.1#
80 13.4 7.0 10.6#



#66
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.24 min
Lab File: BF082824.D
Acq: 8 Nov 2015 5:59

Tgt Ion:248 Resp: 33597
Ion Ratio Lower Upper
248 100
250 203.1 79.4 119.2#
141 387.2 36.3 54.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082824.D

Acq: 8 Nov 2015 5:59

Instrument :

BNA_F

ClientSampleId :

DW-1RE

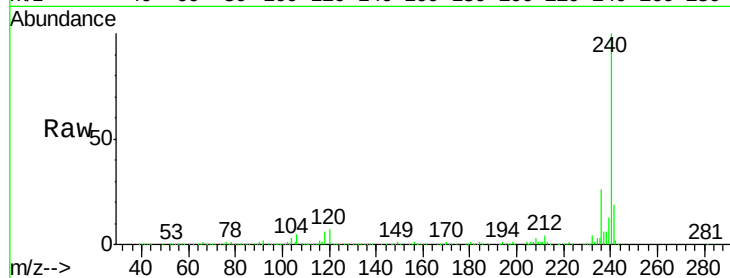
Tgt Ion:240 Resp: 536664

Ion Ratio Lower Upper

240 100

120 6.8 10.9 16.3#

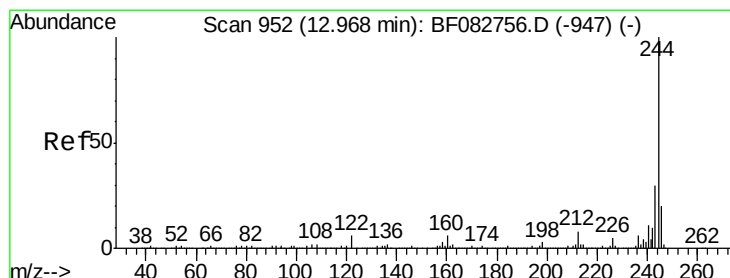
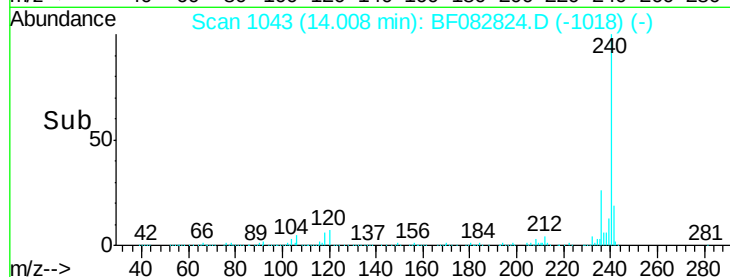
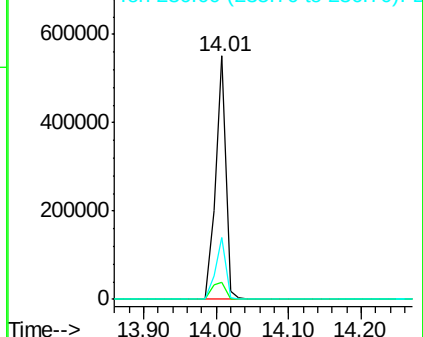
236 25.6 21.6 32.4



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: 64.17 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082824.D

Acq: 8 Nov 2015 5:59

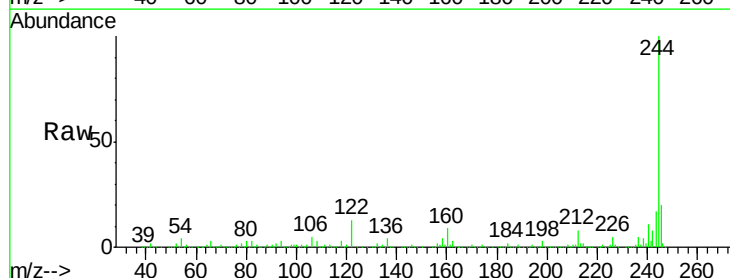
Tgt Ion:244 Resp: 1452057

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

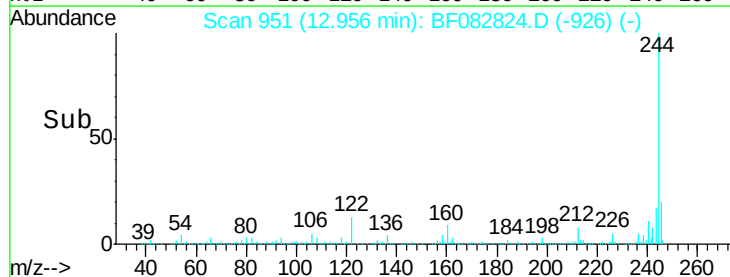
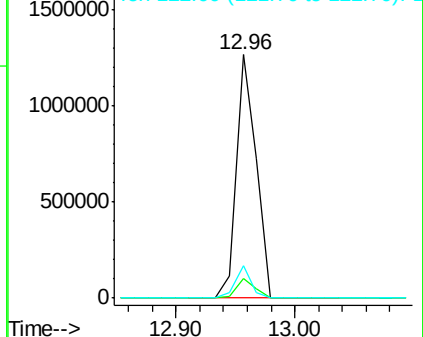
122 13.2 11.3 16.9

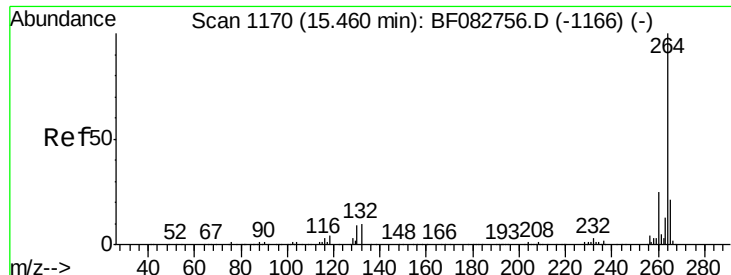


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF082824.D
Acq: 8 Nov 2015 5:59

Instrument :
BNA_F
ClientSampleId :
DW-1RE

Tgt Ion: 264 Resp: 496961
Ion Ratio Lower Upper
264 100
260 24.3 19.8 29.6
265 22.1 17.4 26.0

