

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082021.D
 Acq On : 3 Oct 2015 14:58
 Operator : UM/IZ
 Sample : G3857-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMP

Quant Time: Oct 05 01:36:00 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	86794	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	356198	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	187216	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	355122	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	336973	20.00	ng	-0.05
86) Perylene-d12	15.53	264	231771	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	766056	160.22	ng	-0.03
7) Phenol-d6	6.51	99	889124	147.79	ng	-0.05
23) Nitrobenzene-d5	7.45	82	551582	103.22	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	281236	148.33	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1189275	113.60	ng	-0.05
78) Terphenyl-d14	13.02	244	1196372	136.96	ng	-0.03

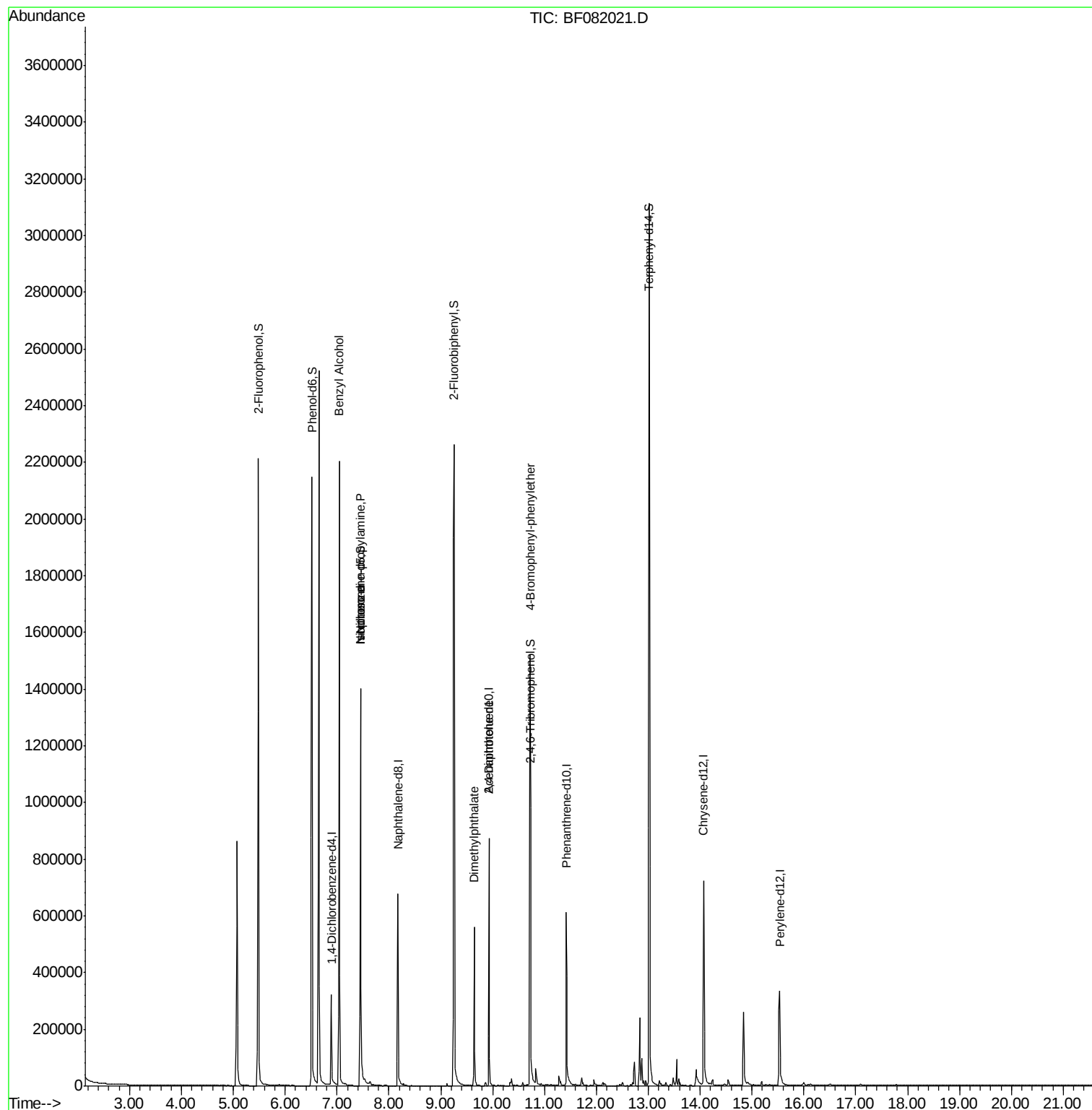
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.04	79	9047	2.08	ng	# 31
19) n-Nitroso-di-n-propylamine	7.45	70	71273	19.49	ng	# 58
25) Isophorone	7.45	82	495470	46.78	ng	# 58
49) Dimethylphthalate	9.65	163	252641	19.55	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	23335	6.52	ng	# 33
57) Fluorene	10.72	166	9871	Below Cal		# 76
66) 4-Bromophenyl-phenylether	10.72	248	17668	4.93	ng	# 1
70) Phenanthrene	11.45	178	1072	Below Cal		# 62
73) Di-n-butylphthalate	11.99	149	3651	Below Cal		# 97

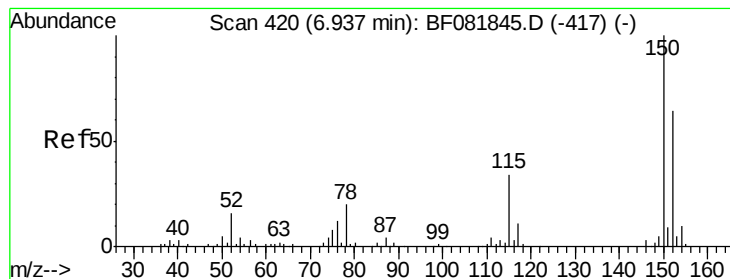
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082021.D

Acq: 3 Oct 2015 14:58

Instrument :

BNA_F

ClientSampleId :

A3-COMP

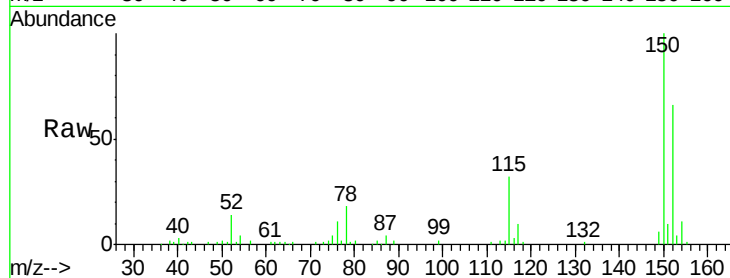
Tgt Ion:152 Resp: 86794

Ion Ratio Lower Upper

152 100

150 151.4 124.7 187.1

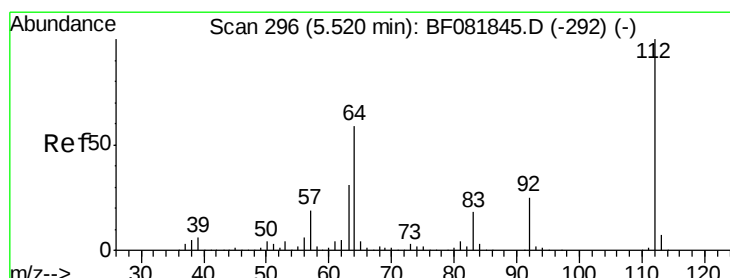
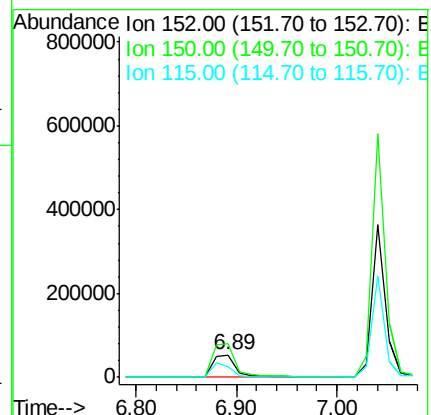
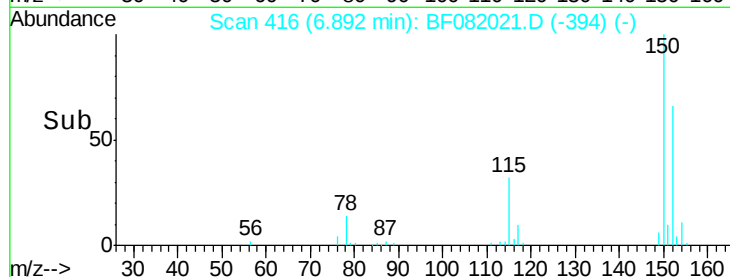
115 47.7 39.0 58.4



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: 160.22 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082021.D

Acq: 3 Oct 2015 14:58

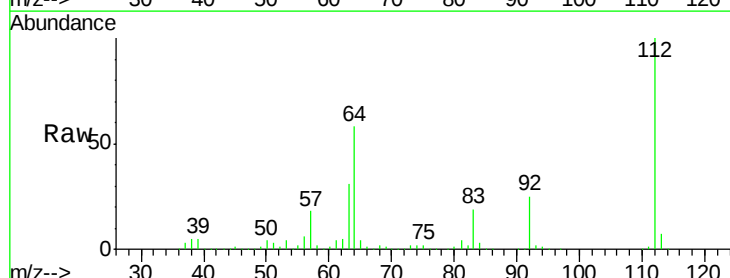
Tgt Ion:112 Resp: 766056

Ion Ratio Lower Upper

112 100

64 57.7 39.7 59.5

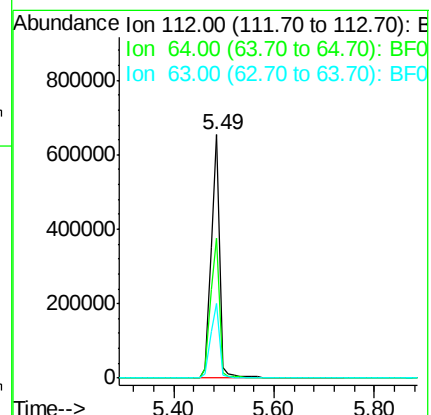
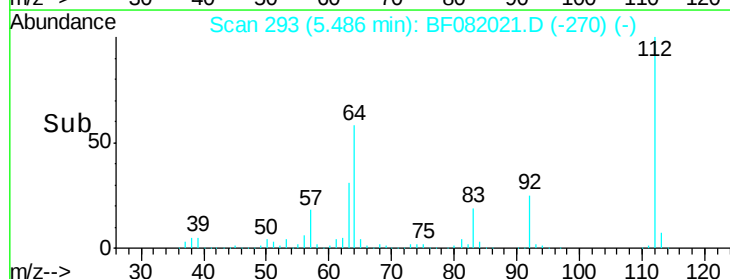
63 30.6 17.4 26.0#

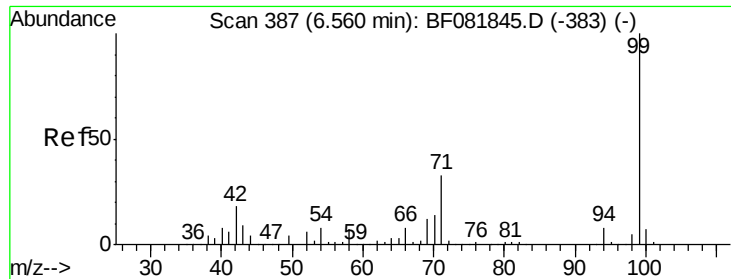


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.79 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082021.D

Acq: 3 Oct 2015 14:58

Instrument :

BNA_F

ClientSampleId :

A3-COMP

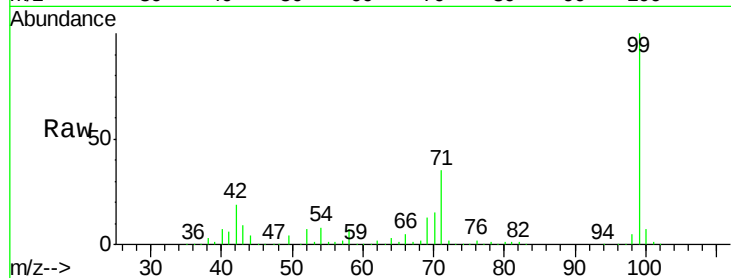
Tgt Ion: 99 Resp: 889124

Ion Ratio Lower Upper

99 100

42 18.5 13.7 20.5

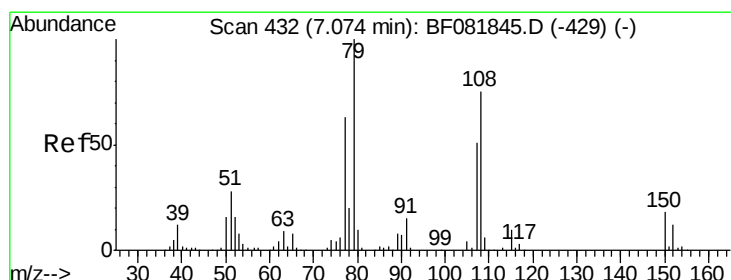
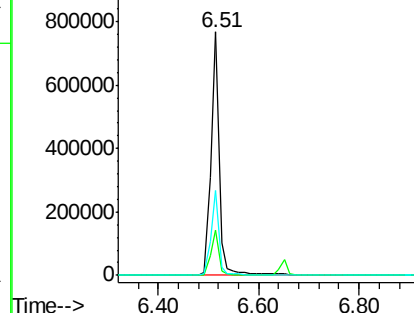
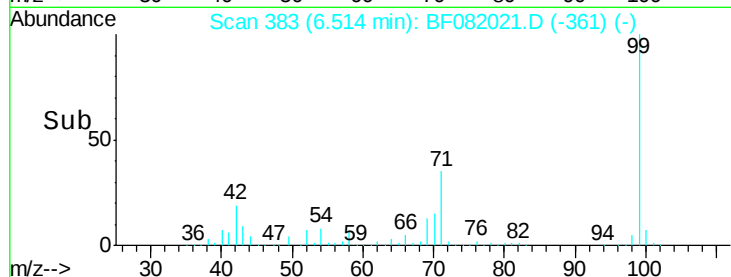
71 35.0 14.2 21.2#



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: BF082021.D

Acq: 3 Oct 2015 14:58

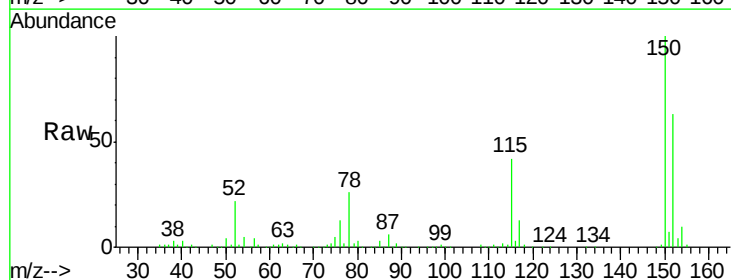
Tgt Ion: 79 Resp: 9047

Ion Ratio Lower Upper

79 100

108 29.6 88.6 132.8#

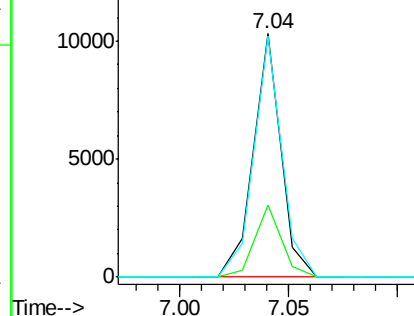
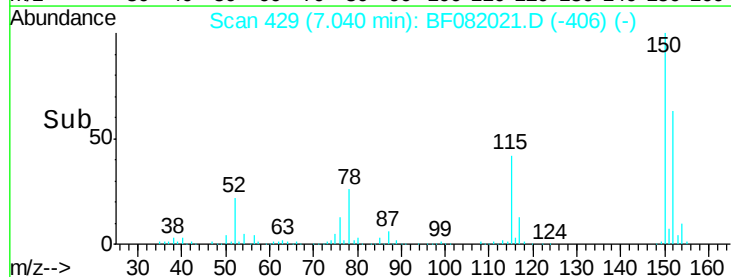
77 99.2 47.0 70.4#

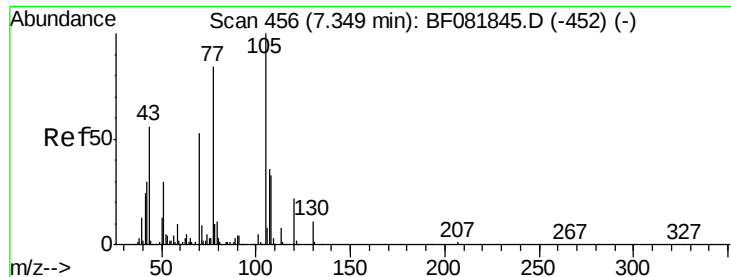


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

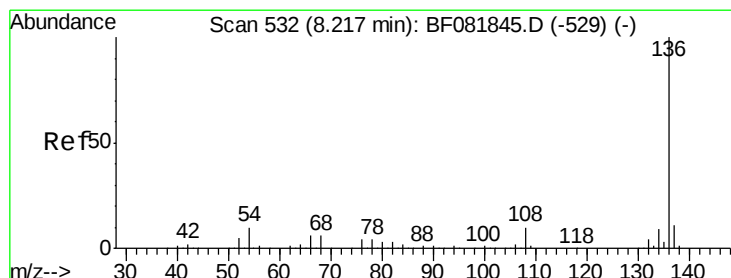
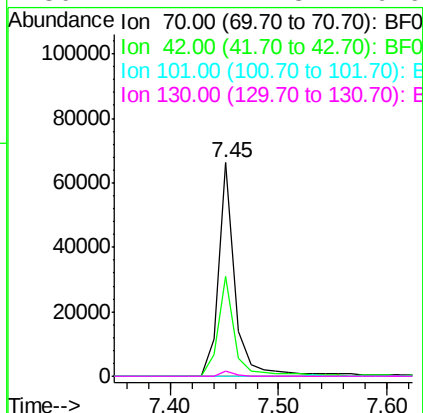
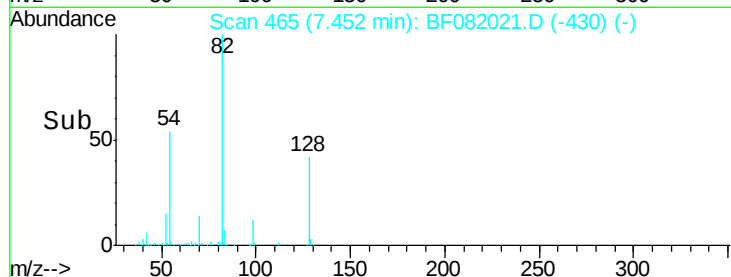
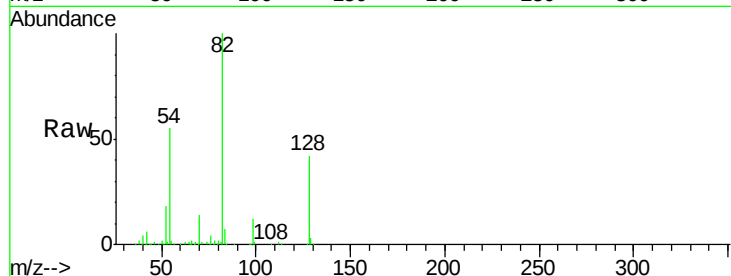




#19
n-Nitroso-di-n-propylamine
Concen: 19.49 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.10 min
Lab File: BF082021.D
Acq: 3 Oct 2015 14:58

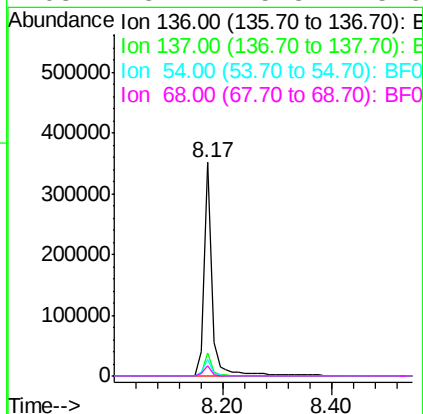
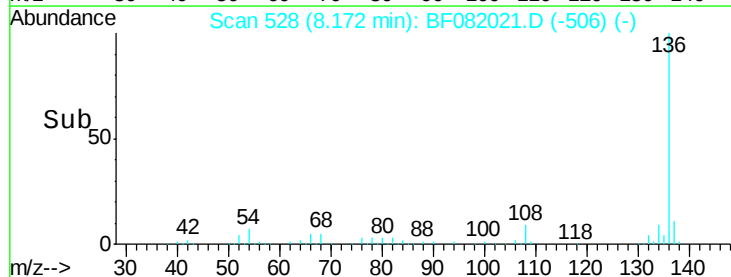
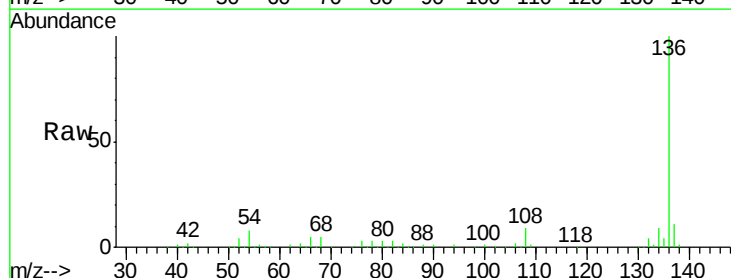
Instrument :
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A3-COMP

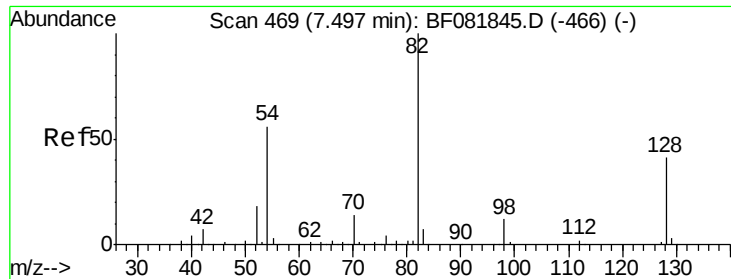
Tgt Ion: 70 Resp: 71273
Ion Ratio Lower Upper
70 100
42 46.5 63.8 95.6#
101 0.0 9.2 13.8#
130 2.2 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082021.D
Acq: 3 Oct 2015 14:58

Tgt Ion: 136 Resp: 356198
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 7.6 8.2 12.2#
68 5.1 5.8 8.6#

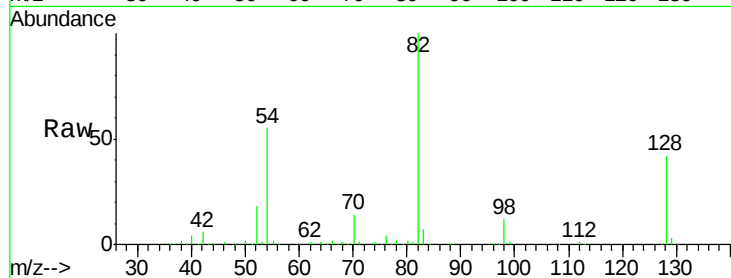




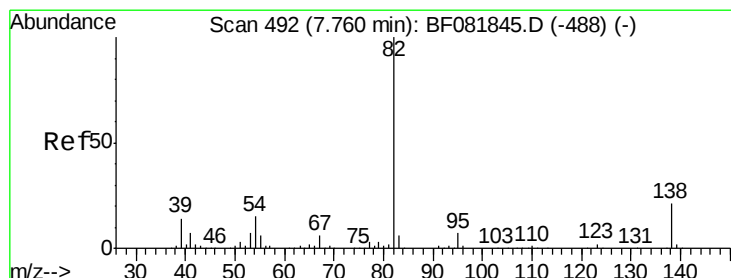
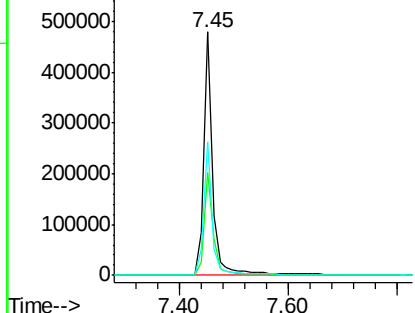
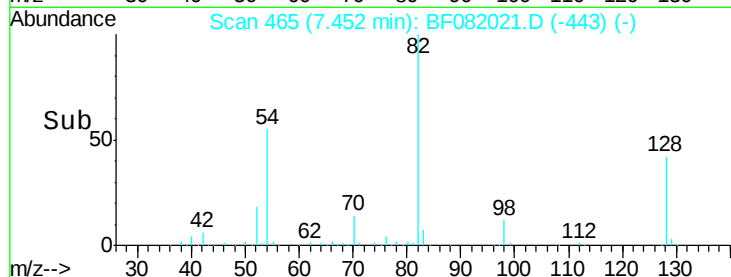
#23
 Nitrobenzene-d5
 Concen: 103.22 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.05 min
 Lab File: BF082021.D
 Acq: 3 Oct 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMP

Tgt Ion: 82 Resp: 551582
 Ion Ratio Lower Upper
 82 100
 128 42.5 51.0 76.6#
 54 55.0 47.5 71.3

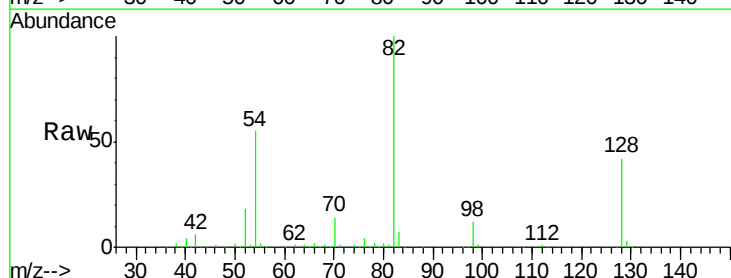


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

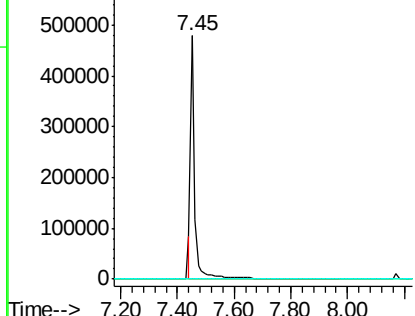
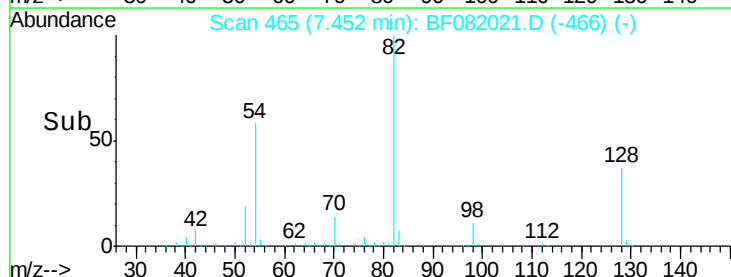


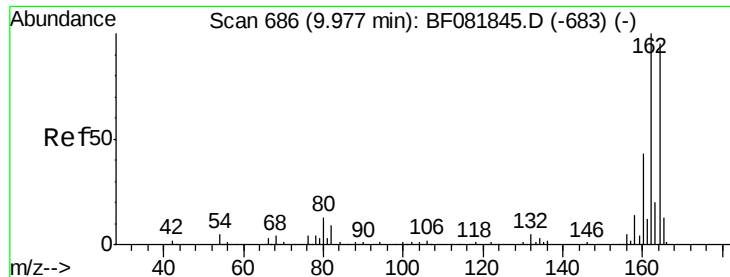
#25
 Isophorone
 Concen: 46.78 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.31 min
 Lab File: BF082021.D
 Acq: 3 Oct 2015 14:58

Tgt Ion: 82 Resp: 495470
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#



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

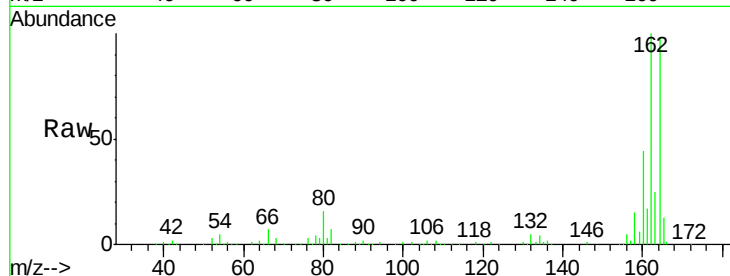




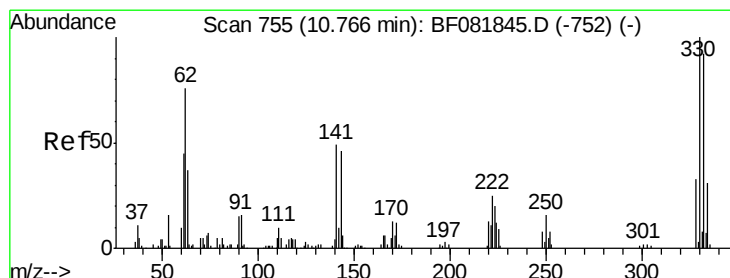
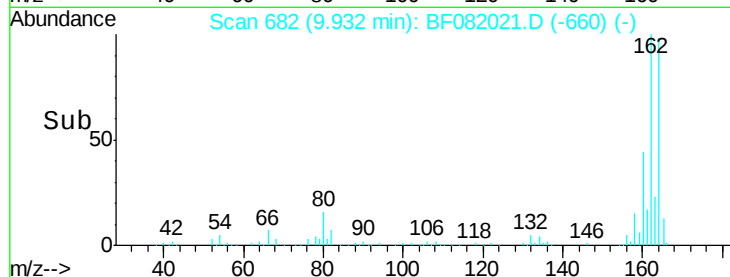
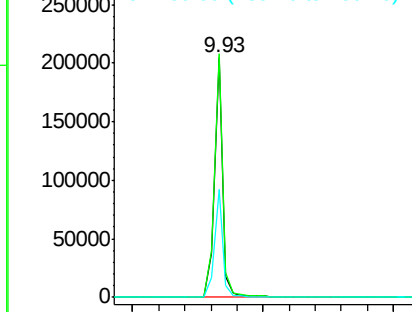
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF082021.D
 Acq: 3 Oct 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMP

Tgt Ion:164 Resp: 187216
 Ion Ratio Lower Upper
 164 100
 162 101.8 75.2 112.8
 160 45.1 31.5 47.3

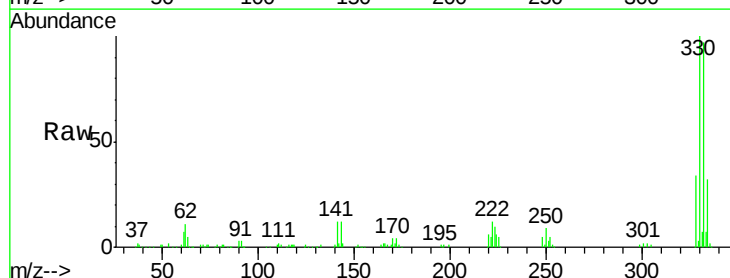


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

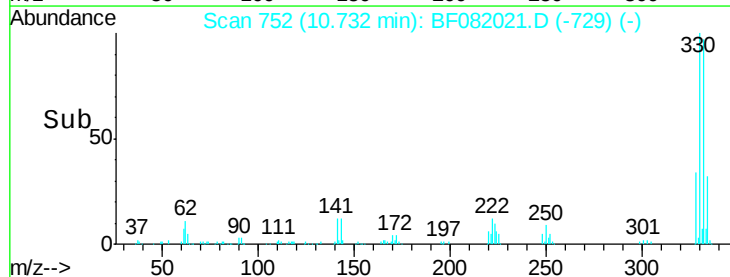
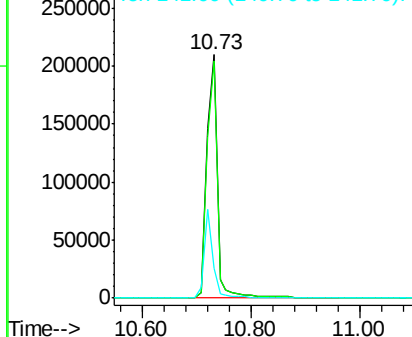


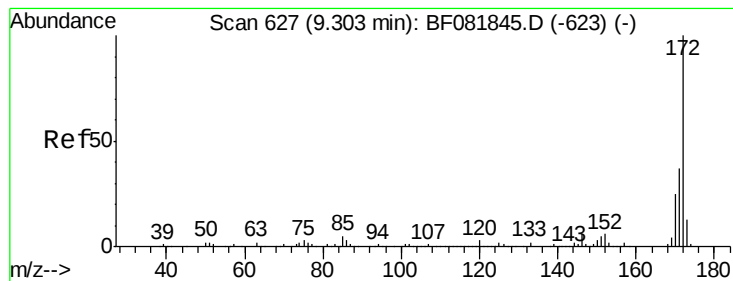
#41
 2,4,6-Tribromophenol
 Concen: 148.33 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082021.D
 Acq: 3 Oct 2015 14:58

Tgt Ion:330 Resp: 281236
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 30.7 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: 113.60 ng

RT: 9.26 min Scan# 623

Delta R.T. -0.05 min

Lab File: BF082021.D

Acq: 3 Oct 2015 14:58

Instrument :

BNA_F

ClientSampleId :

A3-COMP

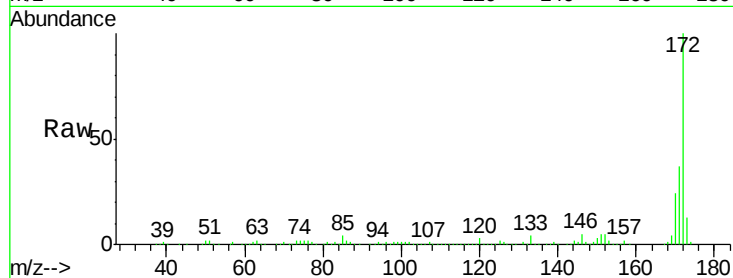
Tgt Ion:172 Resp: 1189275

Ion Ratio Lower Upper

172 100

171 36.6 26.1 39.1

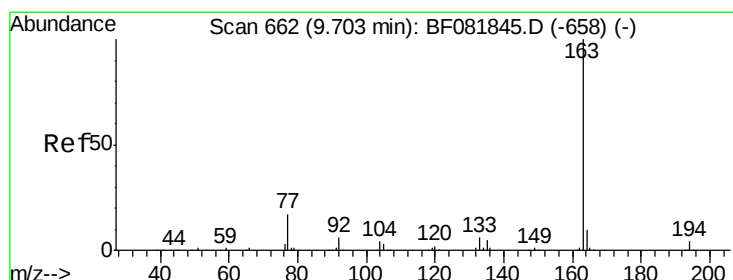
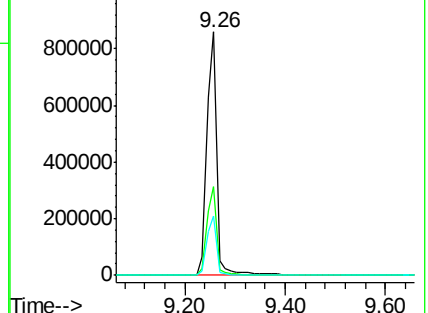
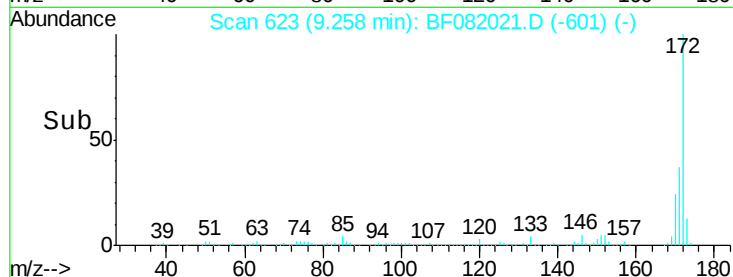
170 24.2 17.4 26.2



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: 19.55 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.06 min

Lab File: BF082021.D

Acq: 3 Oct 2015 14:58

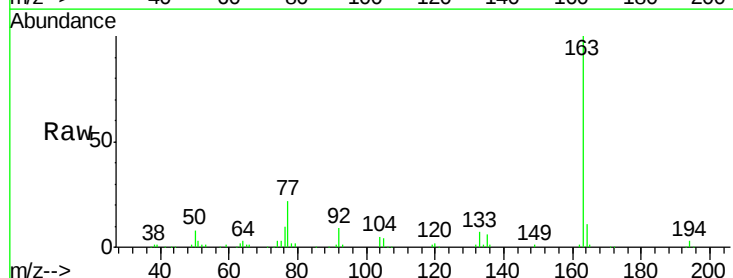
Tgt Ion:163 Resp: 252641

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

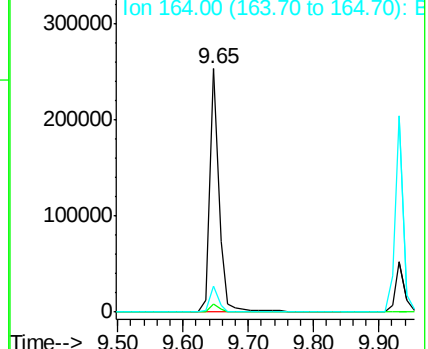
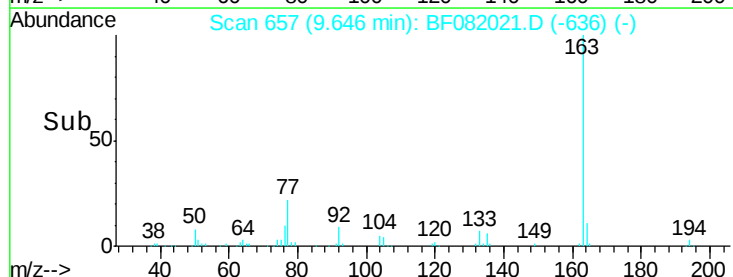
164 10.6 8.3 12.5

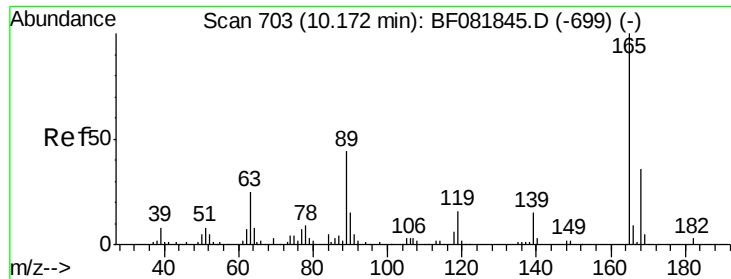


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

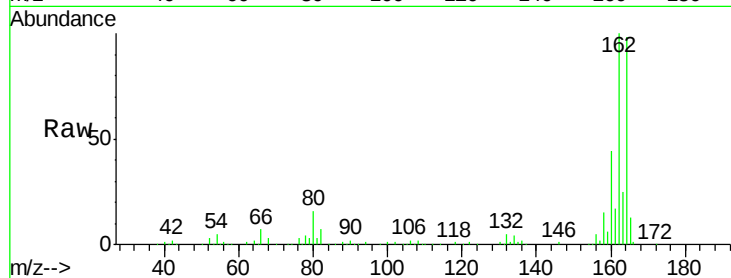




#56
 2,4-Dinitrotoluene
 Concen: 6.52 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.24 min
 Lab File: BF082021.D
 Acq: 3 Oct 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMP

Tgt Ion:	165	Resp:	23335
Ion Ratio	Lower	Upper	
165	100		
63	0.0	29.8	44.6#
89	1.5	44.5	66.7#
182	0.0	3.0	4.4#

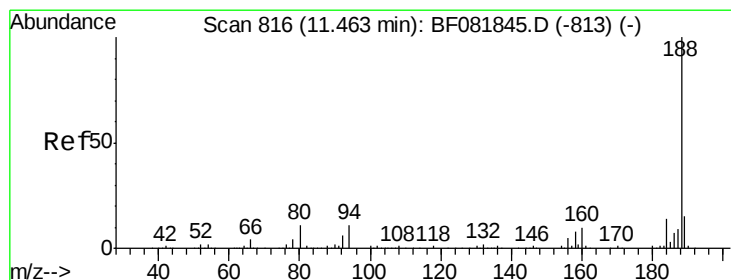
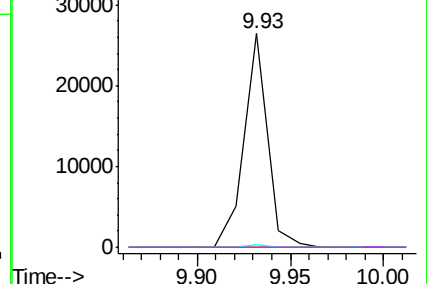
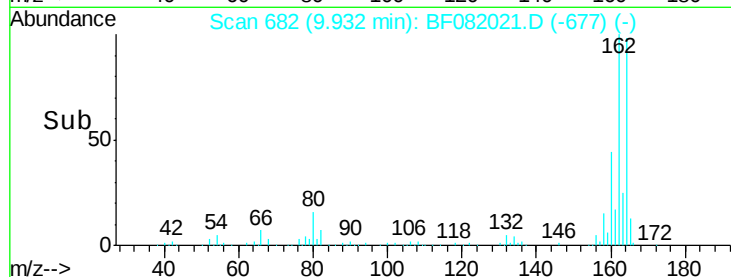


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

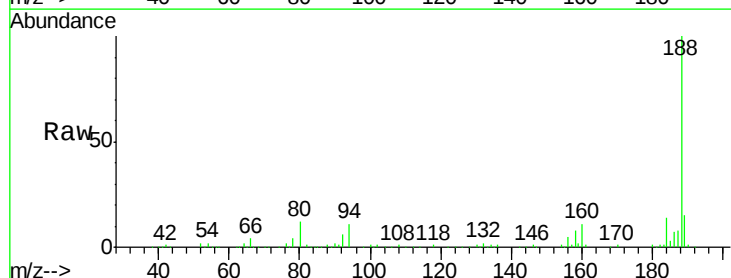
Ion 89.00 (88.70 to 89.70): BF0

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: BF082021.D
 Acq: 3 Oct 2015 14:58

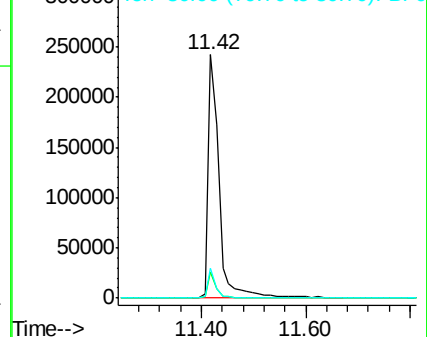
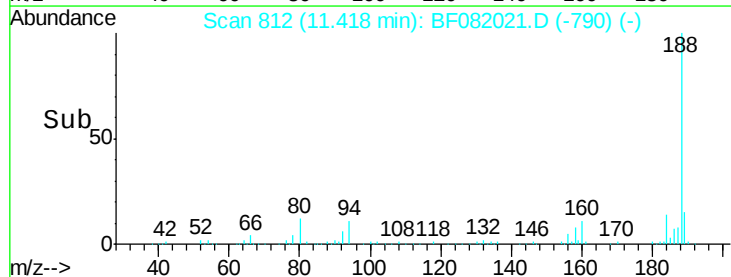
Tgt Ion:	188	Resp:	355122
Ion Ratio	Lower	Upper	
188	100		
94	10.9	11.1	16.7#
80	12.5	11.0	16.4

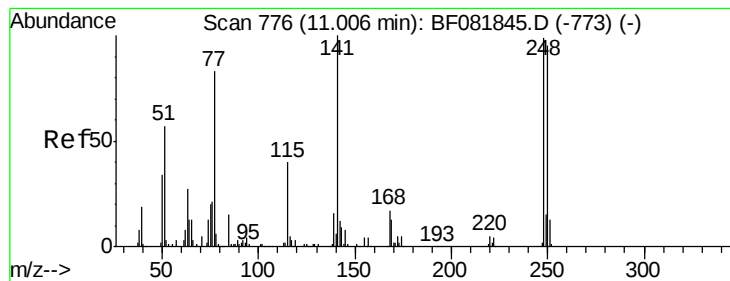


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.93 ng

RT: 10.72 min Scan# 751

Delta R.T. -0.29 min

Lab File: BF082021.D

Acq: 3 Oct 2015 14:58

Instrument :

BNA_F

ClientSampleId :

A3-COMP

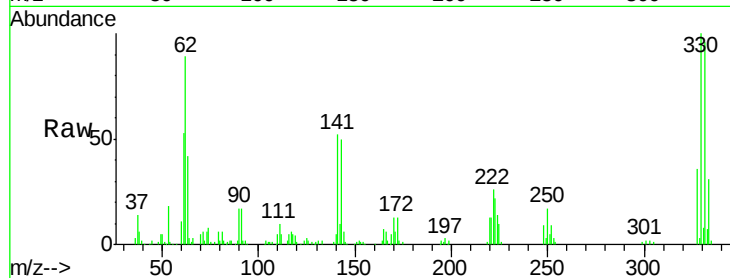
Tgt Ion:248 Resp: 17668

Ion Ratio Lower Upper

248 100

250 197.1 78.5 117.7#

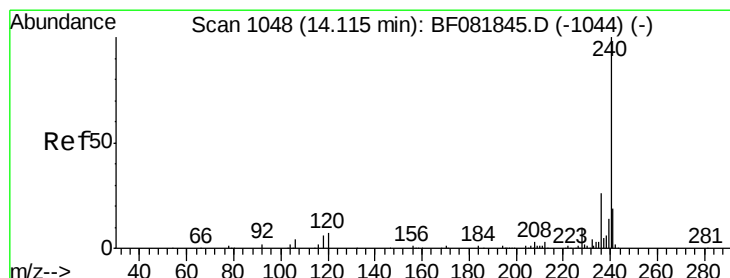
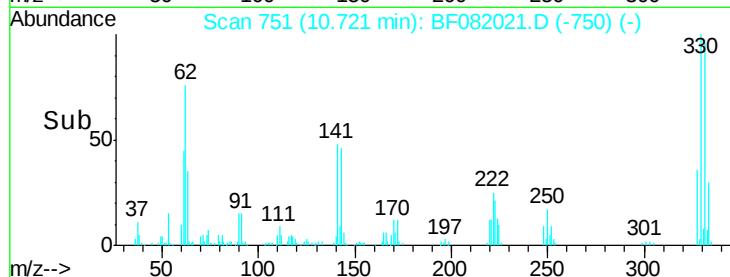
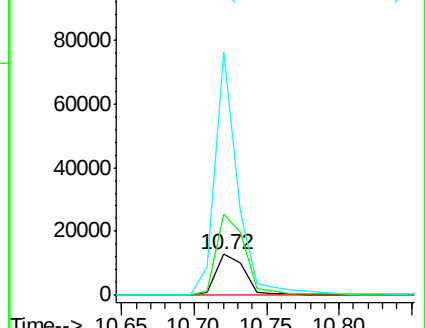
141 590.9 59.0 88.6#



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: BF082021.D

Acq: 3 Oct 2015 14:58

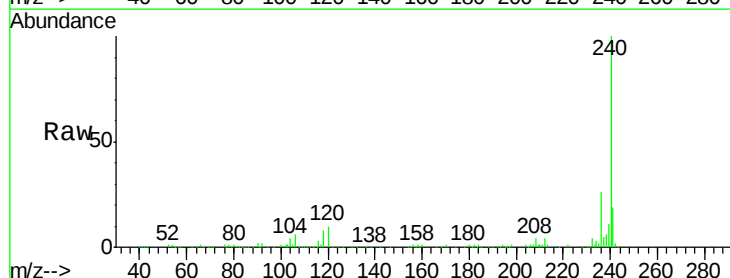
Tgt Ion:240 Resp: 336973

Ion Ratio Lower Upper

240 100

120 9.6 16.2 24.2#

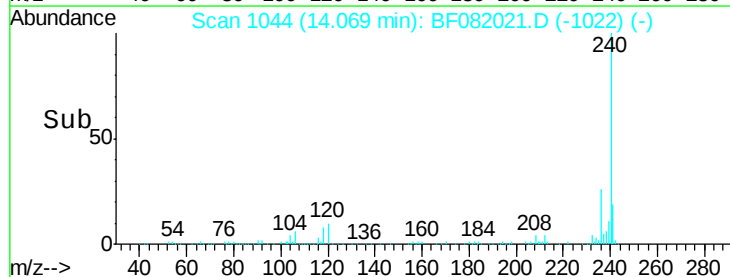
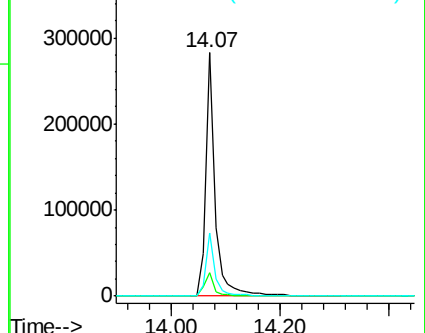
236 26.0 18.4 27.6

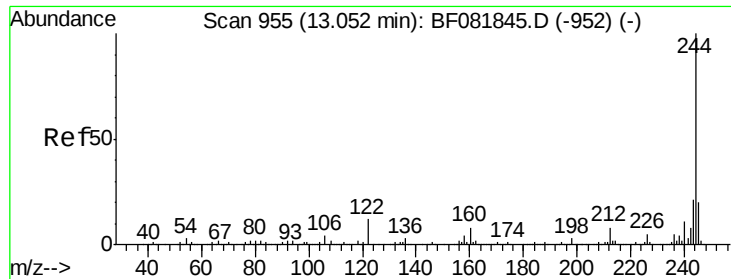


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

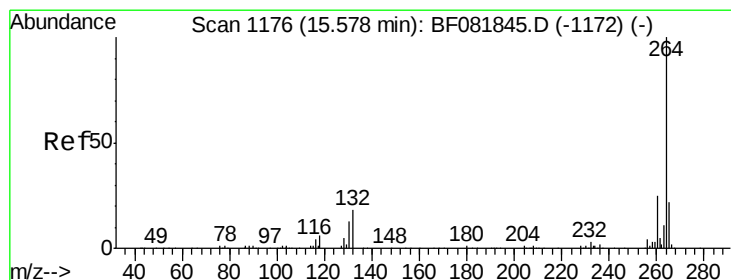
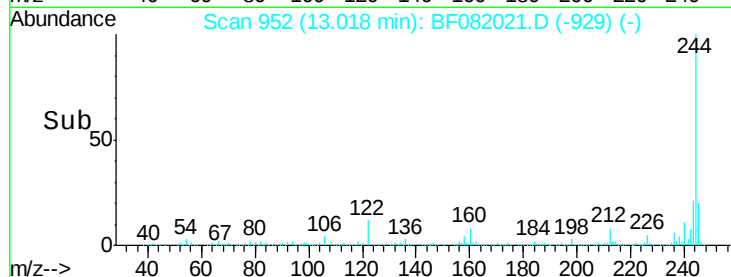
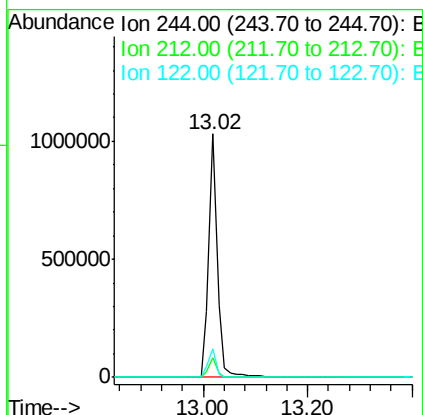
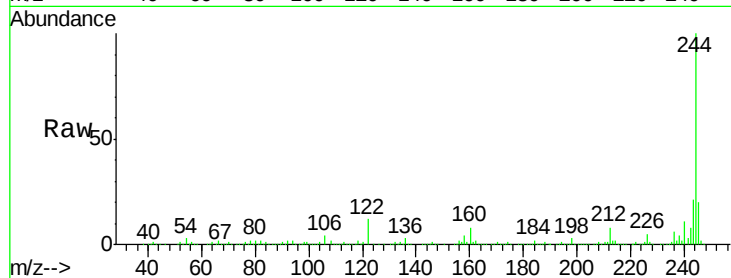




#78
 Terphenyl-d14
 Concen: 136.96 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF082021.D
 Acq: 3 Oct 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 A3-COMP

Tgt Ion:244 Resp: 1196372
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 11.5 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: BF082021.D
 Acq: 3 Oct 2015 14:58

Tgt Ion:264 Resp: 231771
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 21.1 17.2 25.8

