

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082005.D
 Acq On : 3 Oct 2015 5:33
 Operator : UM/IZ
 Sample : G3897-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3D(1-1.5)

Quant Time: Oct 05 06:48:30 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	99775	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	412901	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	213457	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	415556	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	405401	20.00	ng	-0.05
86) Perylene-d12	15.53	264	315938	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	789363	143.62	ng	-0.03
7) Phenol-d6	6.51	99	987670	142.81	ng	-0.05
23) Nitrobenzene-d5	7.45	82	620594	100.19	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	331475	153.33	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1296533	106.93	ng	-0.05
78) Terphenyl-d14	13.02	244	1284797	111.94	ng	-0.03

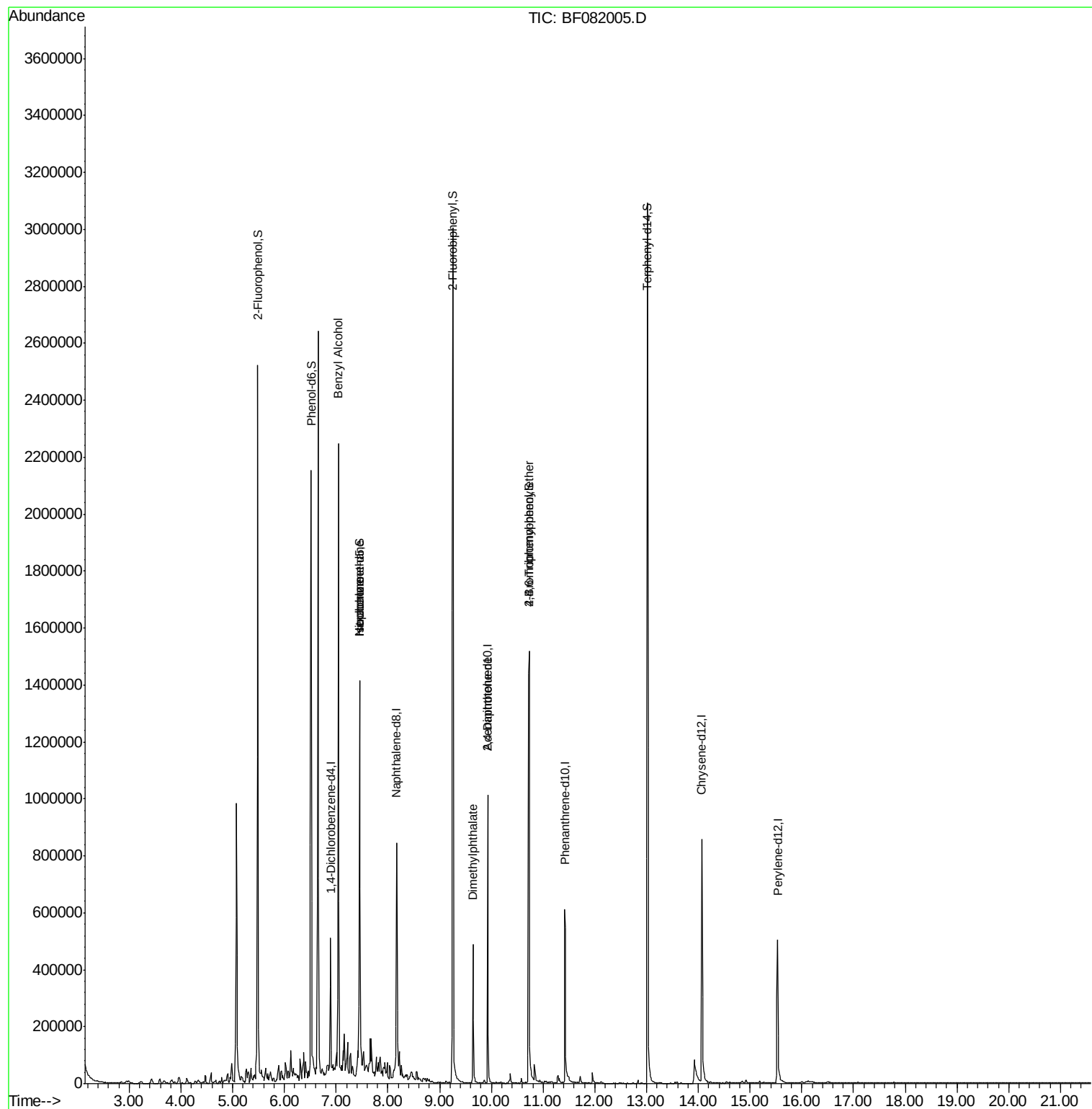
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.04	79	11311	2.27	ng	# 33
18) Hexachloroethane	7.45	117	19066	8.14	ng	# 7
25) Isophorone	7.45	82	529736	43.15	ng	# 59
49) Dimethylphthalate	9.65	163	262684	17.83	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	27071	6.64	ng	# 33
57) Fluorene	10.72	166	11619	Below Cal		# 83
66) 4-Bromophenyl-phenylether	10.73	248	21448	5.12	ng	# 1
70) Phenanthrene	11.45	178	268	Below Cal		# 62
73) Di-n-butylphthalate	11.99	149	1739	Below Cal		# 78

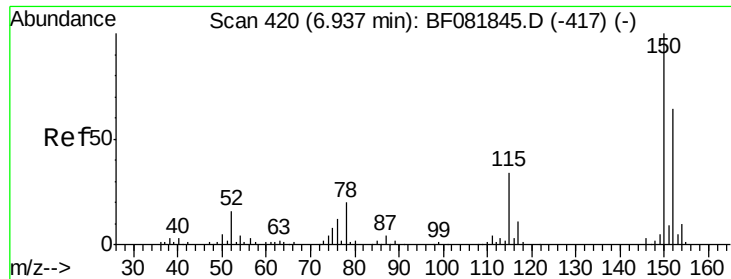
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082005.D

Acq: 3 Oct 2015 5:33

Instrument :

BNA_F

ClientSampleId :

B-3D(1-1.5)

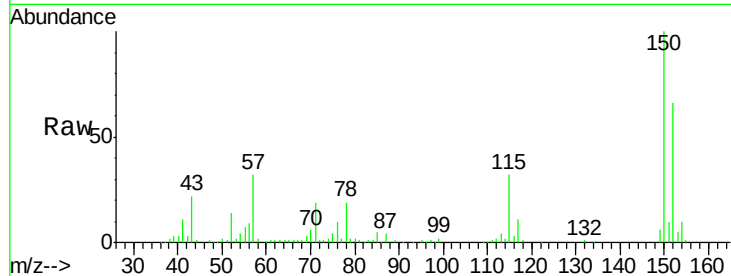
Tgt Ion:152 Resp: 99775

Ion Ratio Lower Upper

152 100

150 152.4 124.7 187.1

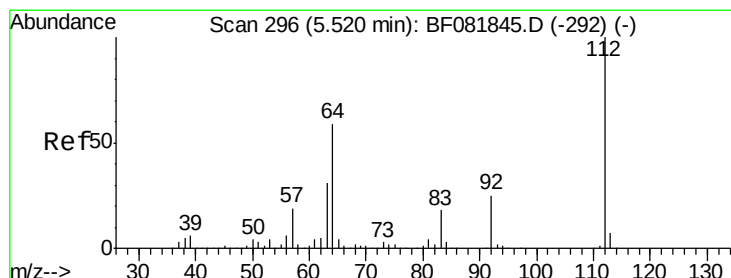
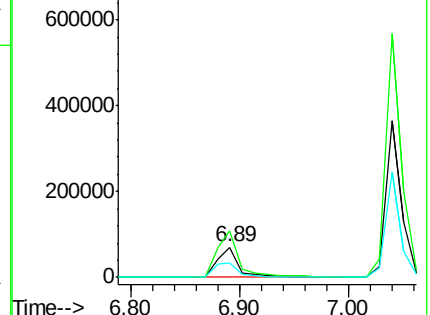
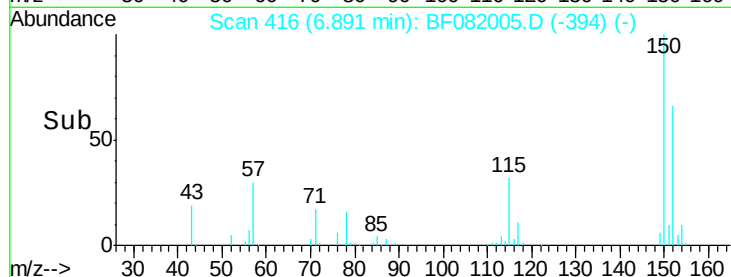
115 48.7 39.0 58.4



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: 143.62 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082005.D

Acq: 3 Oct 2015 5:33

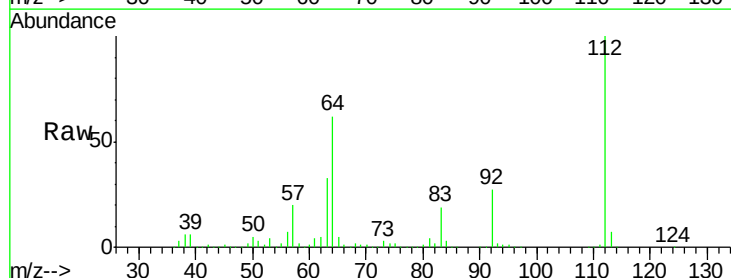
Tgt Ion:112 Resp: 789363

Ion Ratio Lower Upper

112 100

64 62.2 39.7 59.5#

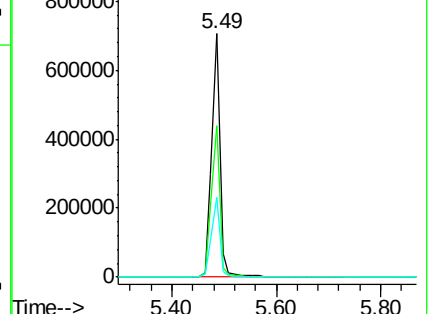
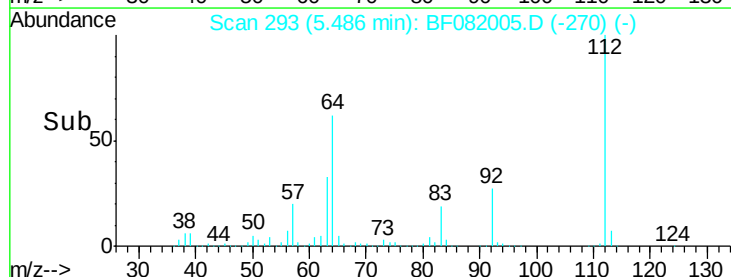
63 32.6 17.4 26.0#

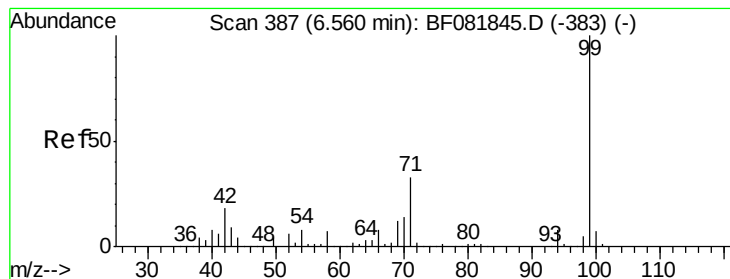


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.81 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082005.D

Acq: 3 Oct 2015 5:33

Instrument :

BNA_F

ClientSampleId :

B-3D(1-1.5)

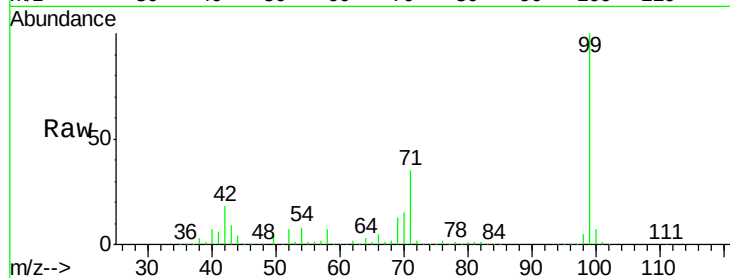
Tgt Ion: 99 Resp: 987670

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

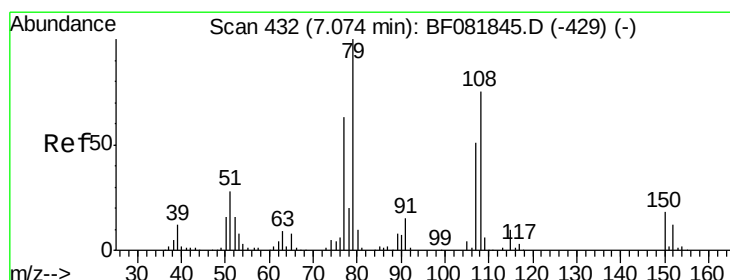
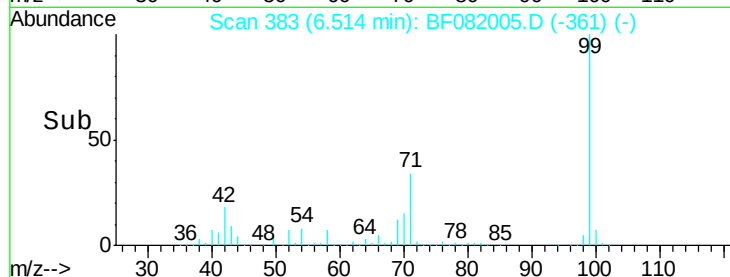
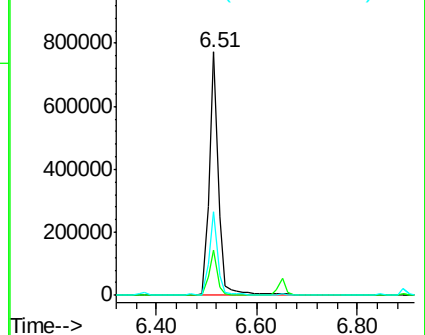
71 34.5 14.2 21.2#



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: 2.27 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF082005.D

Acq: 3 Oct 2015 5:33

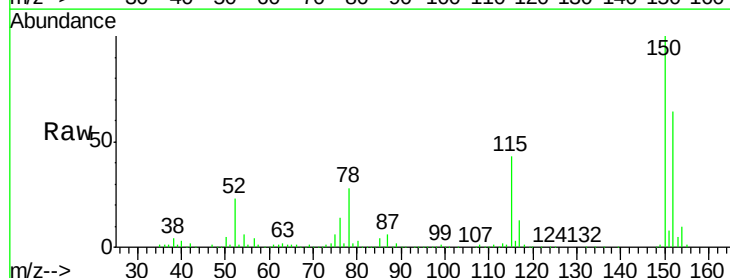
Tgt Ion: 79 Resp: 11311

Ion Ratio Lower Upper

79 100

108 27.9 88.6 132.8#

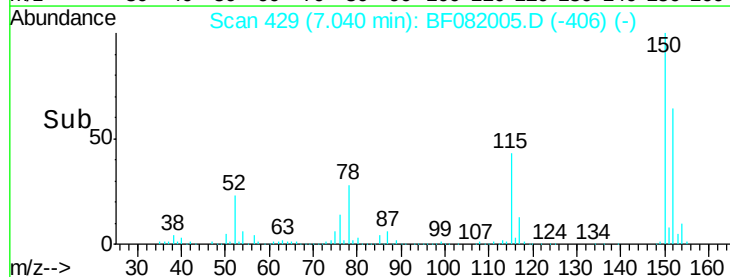
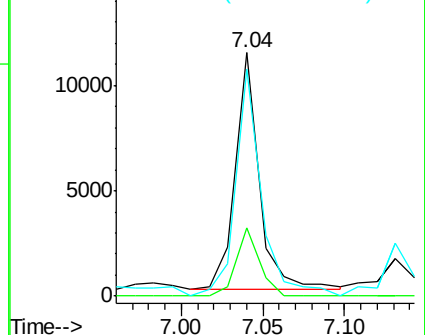
77 93.1 47.0 70.4#

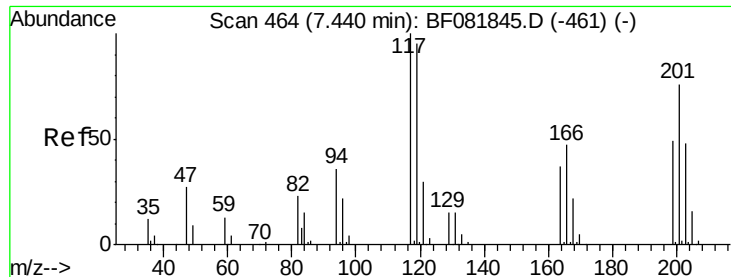


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 8.14 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.01 min

Lab File: BF082005.D

Acq: 3 Oct 2015 5:33

Instrument :

BNA_F

ClientSampleId :

B-3D(1-1.5)

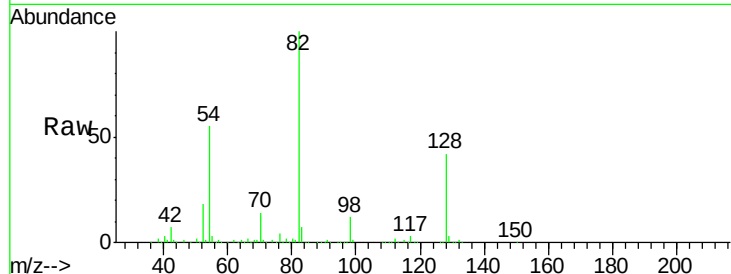
Tgt Ion:117 Resp: 19066

Ion Ratio Lower Upper

117 100

119 3.0 83.8 125.6#

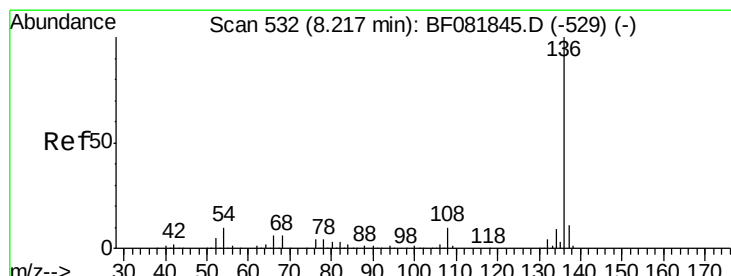
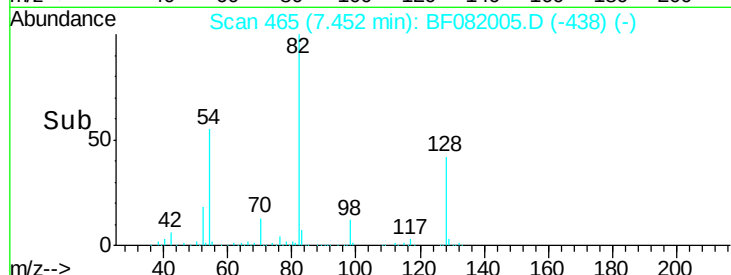
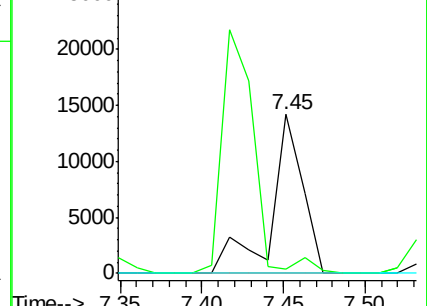
201 0.0 55.1 82.7#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF082005.D

Acq: 3 Oct 2015 5:33

Tgt Ion:136 Resp: 412901

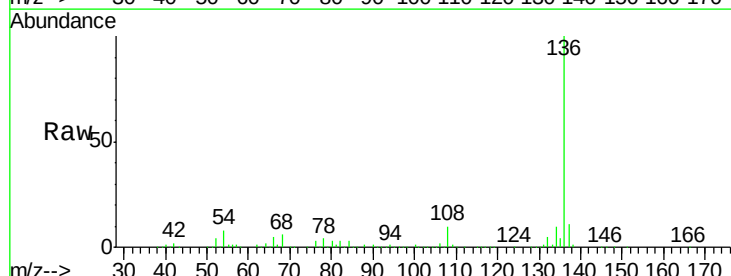
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.3 8.2 12.2

68 5.6 5.8 8.6#

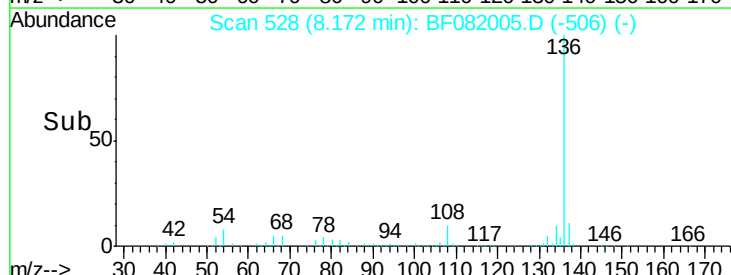
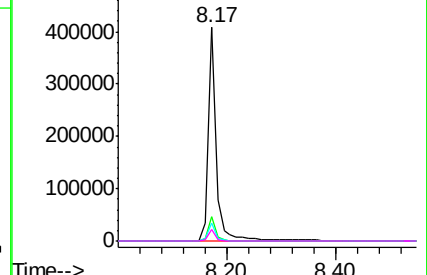


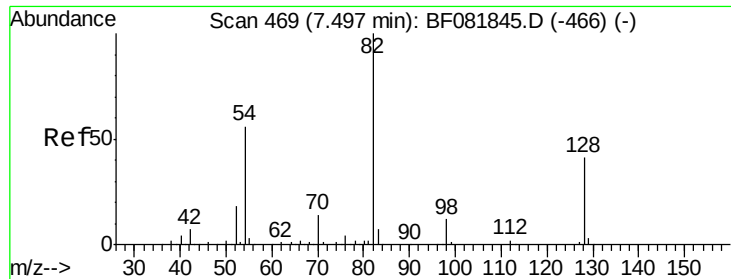
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

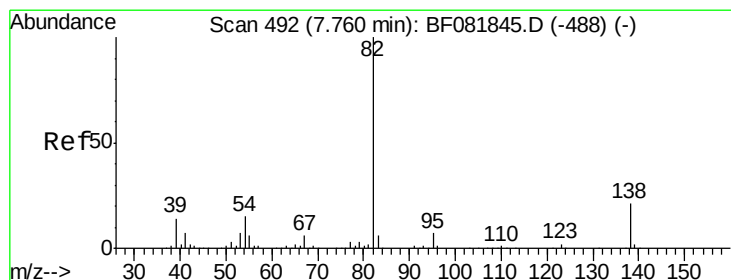
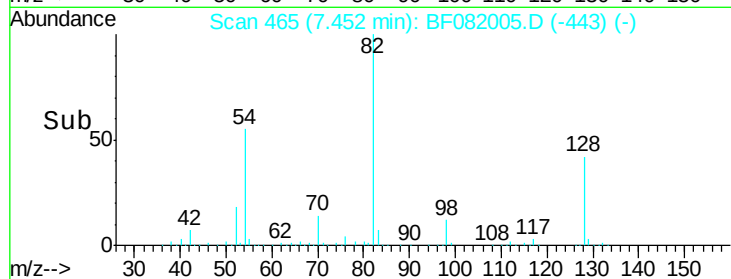
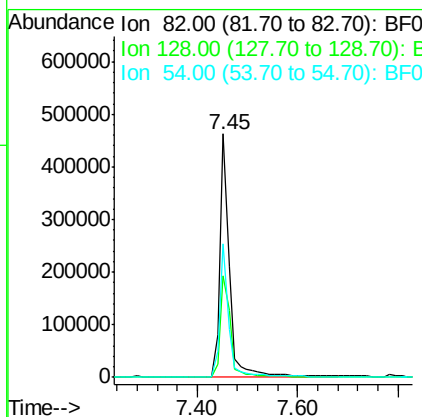
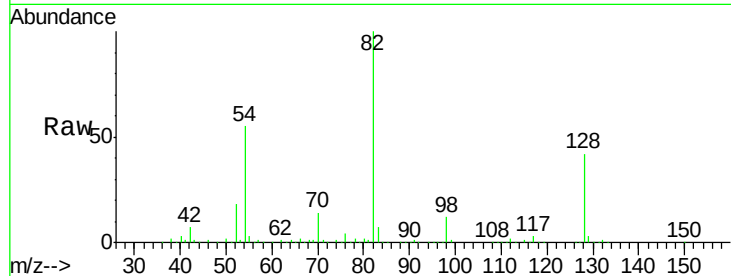




#23
 Nitrobenzene-d5
 Concen: 100.19 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.05 min
 Lab File: BF082005.D
 Acq: 3 Oct 2015 5:33

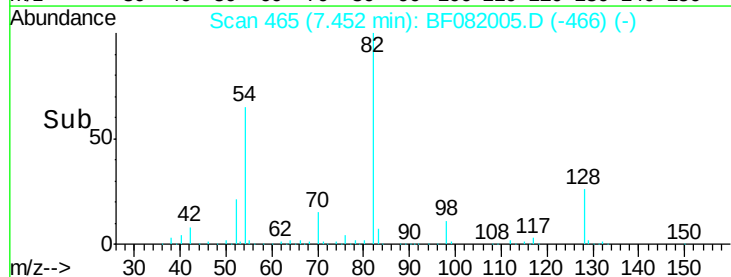
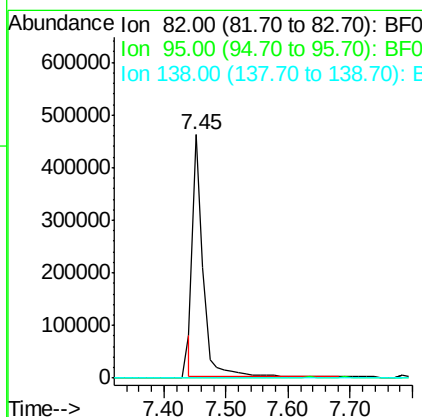
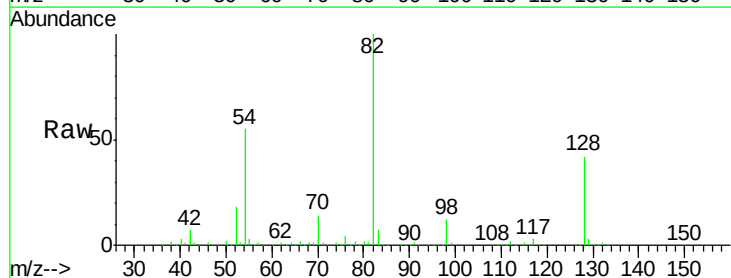
Instrument :
 BNA_F
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 B-3D(1-1.5)

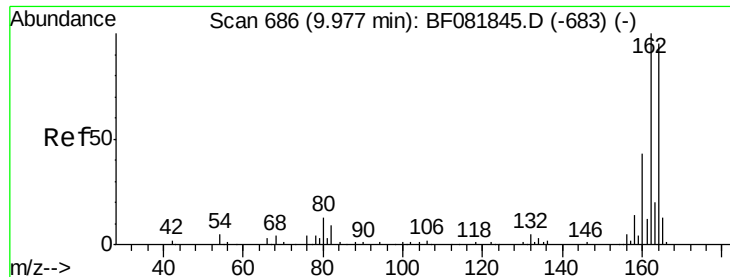
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	51.0	76.6#
54	54.9	47.5	71.3



#25
 Isophorone
 Concen: 43.15 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.31 min
 Lab File: BF082005.D
 Acq: 3 Oct 2015 5:33

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.2	4.0	6.0#
138	0.0	18.3	27.5#

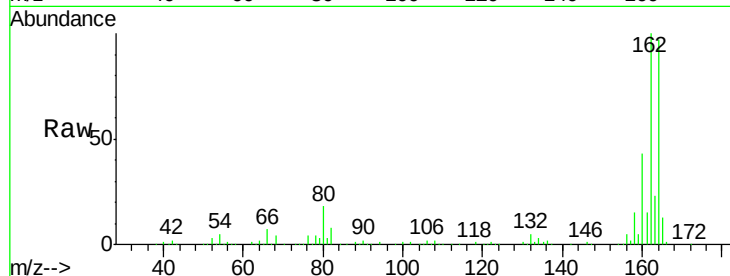




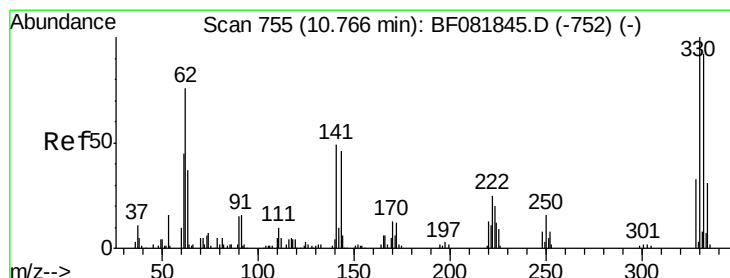
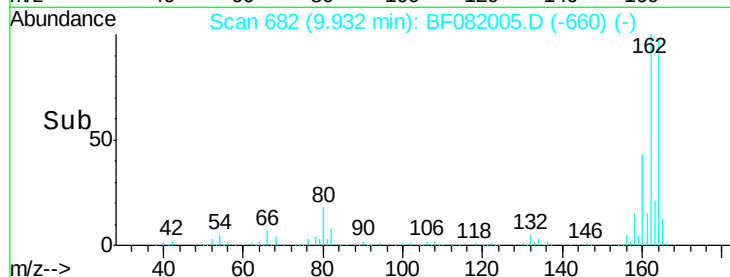
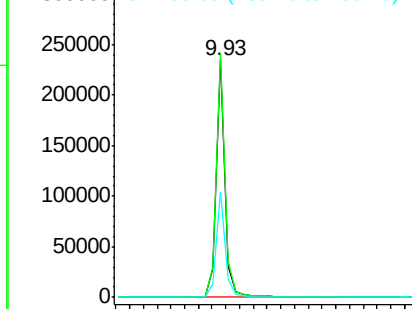
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF082005.D
Acq: 3 Oct 2015 5:33

Instrument :
BNA_F
ClientSampleId :
B-3D(1-1.5)

Tgt Ion:164 Resp: 213457
Ion Ratio Lower Upper
164 100
162 102.9 75.2 112.8
160 44.7 31.5 47.3

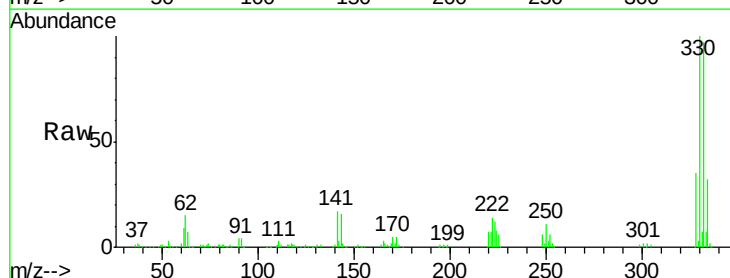


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

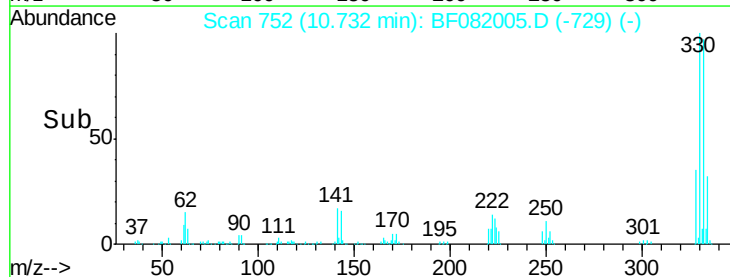
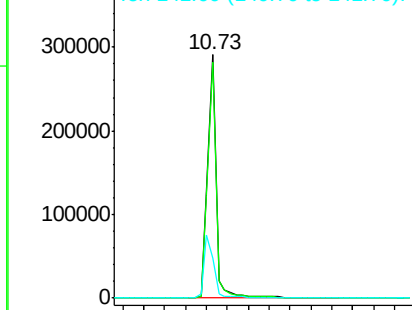


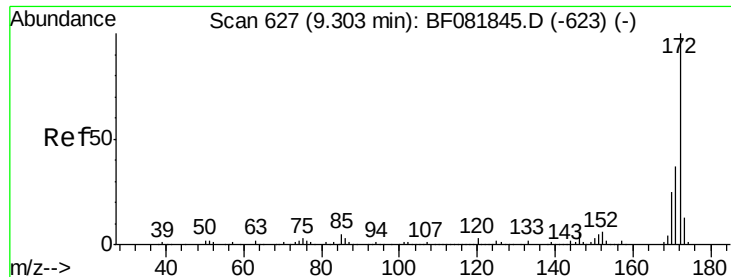
#41
2,4,6-Tribromophenol
Concen: 153.33 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF082005.D
Acq: 3 Oct 2015 5:33

Tgt Ion:330 Resp: 331475
Ion Ratio Lower Upper
330 100
332 96.6 76.6 114.8
141 30.3 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

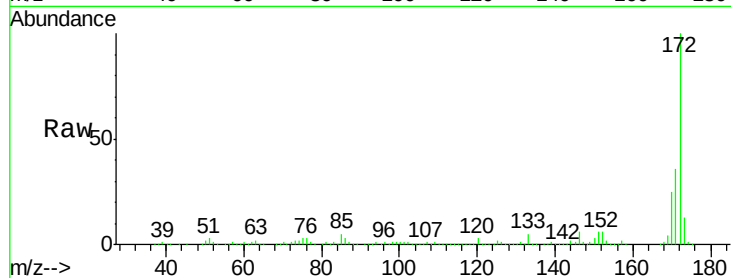




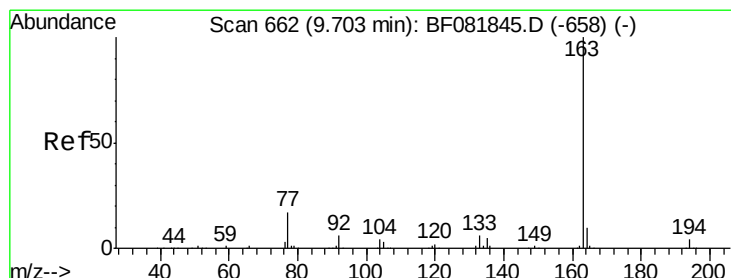
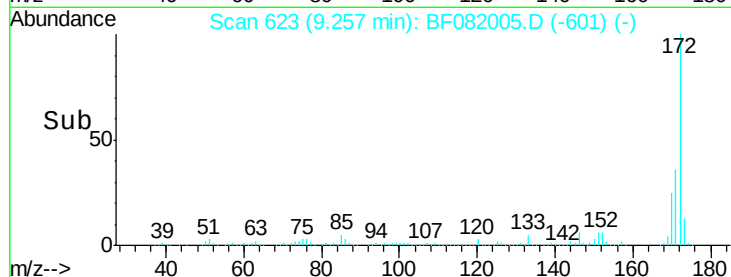
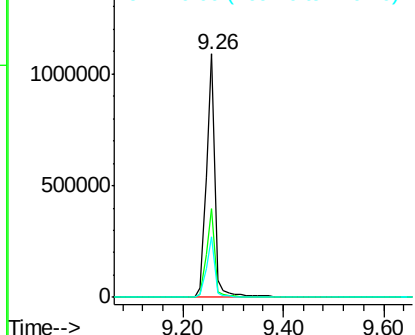
#44
 2-Fluorobiphenyl
 Concen: 106.93 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082005.D
 Acq: 3 Oct 2015 5:33

Instrument :
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 B-3D(1-1.5)

Tgt Ion:172 Resp: 1296533
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 24.8 17.4 26.2

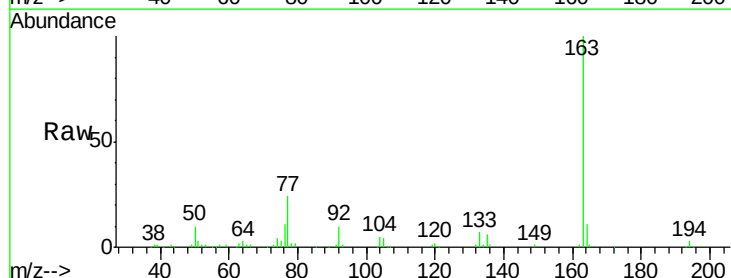


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

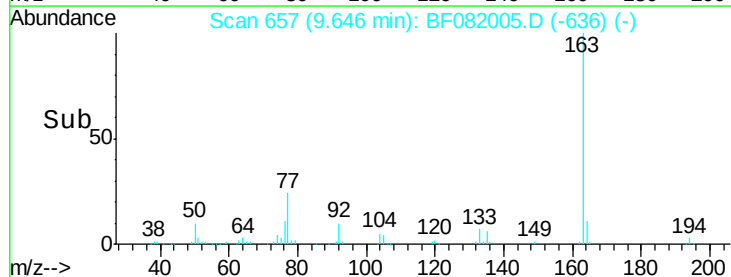
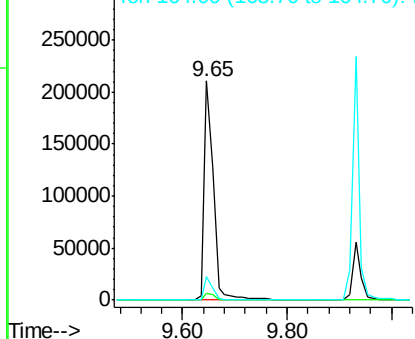


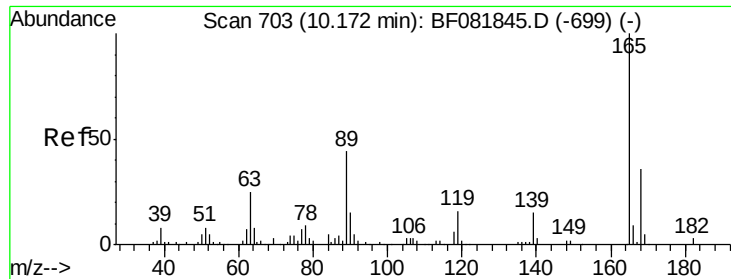
#49
 Dimethylphthalate
 Concen: 17.83 ng
 RT: 9.65 min Scan# 657
 Delta R.T. -0.06 min
 Lab File: BF082005.D
 Acq: 3 Oct 2015 5:33

Tgt Ion:163 Resp: 262684
 Ion Ratio Lower Upper
 163 100
 194 3.1 4.4 6.6#
 164 10.5 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

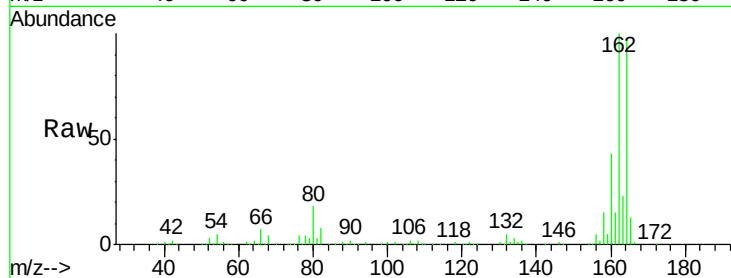




#56
 2,4-Dinitrotoluene
 Concen: 6.64 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.24 min
 Lab File: BF082005.D
 Acq: 3 Oct 2015 5:33

Instrument :
 BNA_F
 ClientSampleId :
 B-3D(1-1.5)

Tgt Ion:	165	Resp:	27071
Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.6#
89	1.4	44.5	66.7#
182	0.0	3.0	4.4#

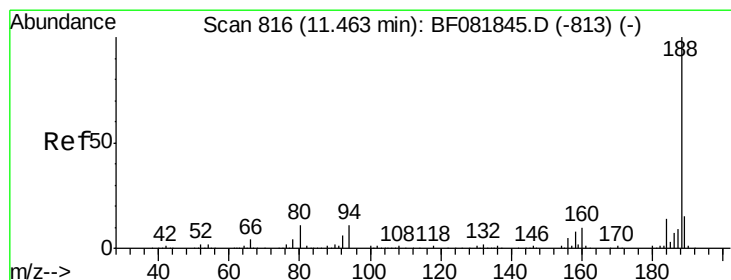
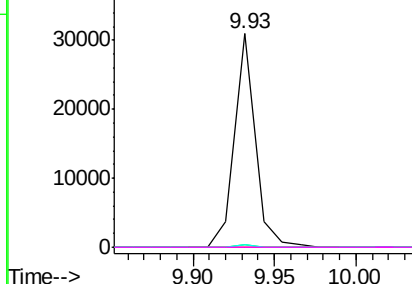
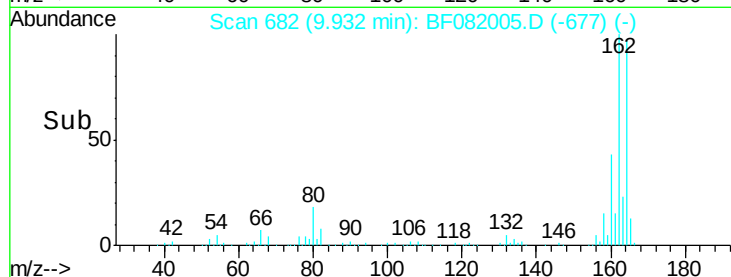


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

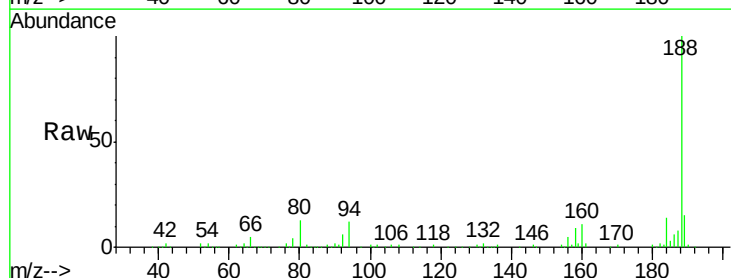
Ion 89.00 (88.70 to 89.70): BF0

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: BF082005.D
 Acq: 3 Oct 2015 5:33

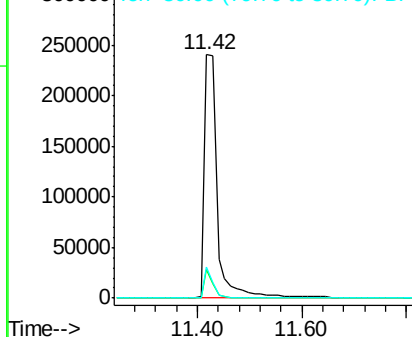
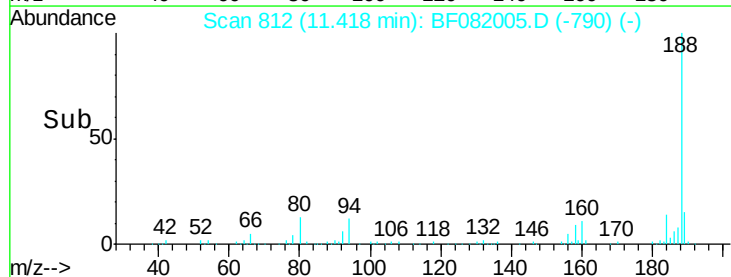
Tgt Ion:	188	Resp:	415556
Ion	Ratio	Lower	Upper
188	100		
94	11.5	11.1	16.7
80	12.8	11.0	16.4

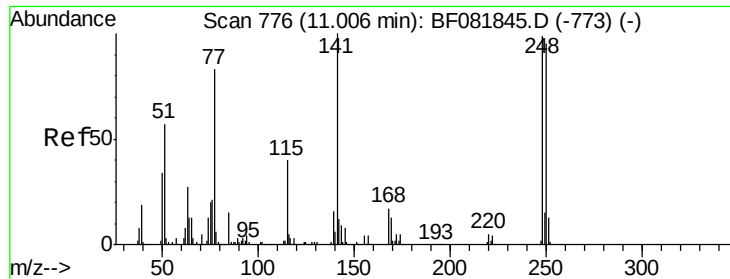


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

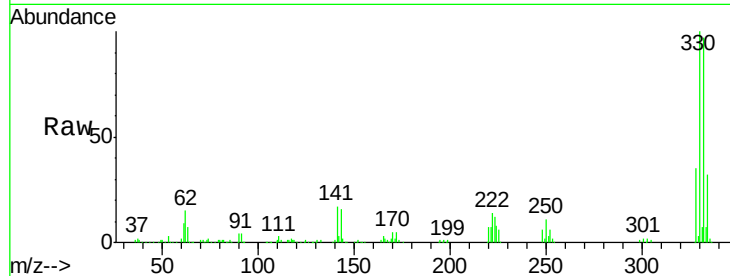




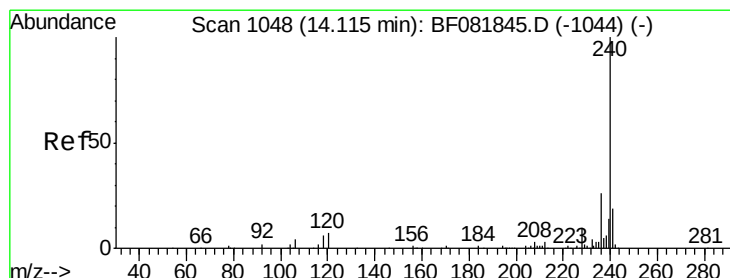
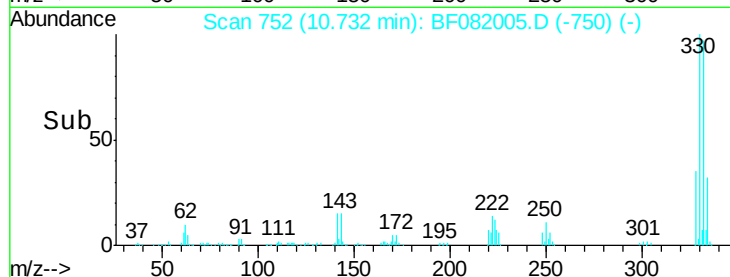
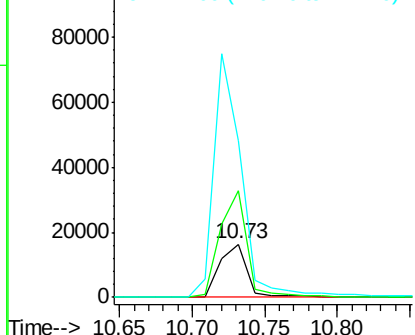
#66
 4-Bromophenyl-phenylether
 Concen: 5.12 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.27 min
 Lab File: BF082005.D
 Acq: 3 Oct 2015 5:33

Instrument :
 BNA_F
 ClientSampleId :
 B-3D(1-1.5)

Tgt Ion:248 Resp: 21448
 Ion Ratio Lower Upper
 248 100
 250 200.2 78.5 117.7#
 141 294.0 59.0 88.6#

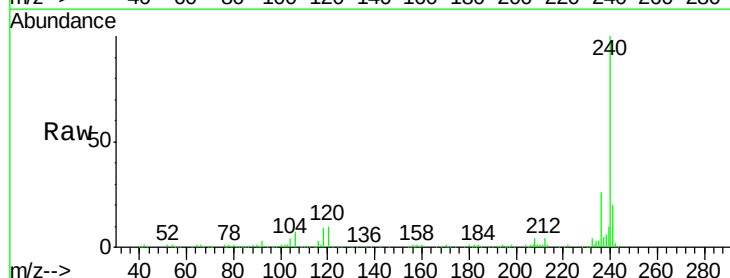


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

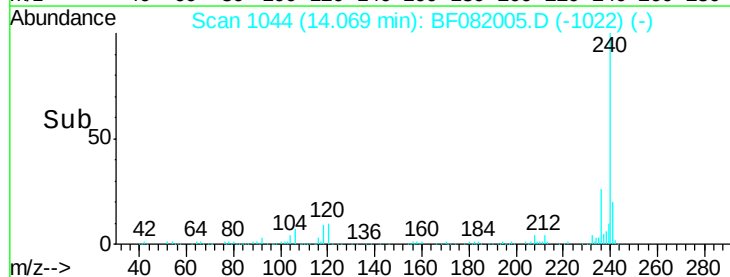
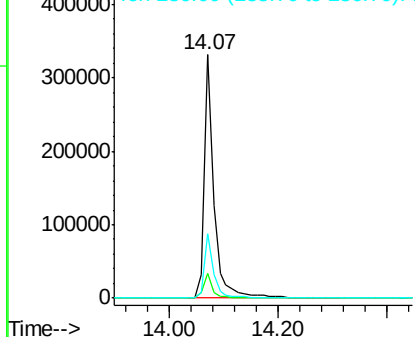


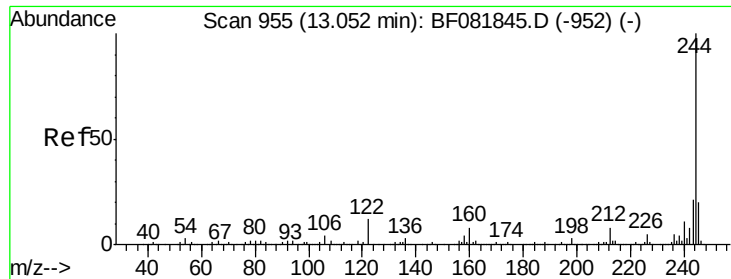
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.05 min
 Lab File: BF082005.D
 Acq: 3 Oct 2015 5:33

Tgt Ion:240 Resp: 405401
 Ion Ratio Lower Upper
 240 100
 120 10.2 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

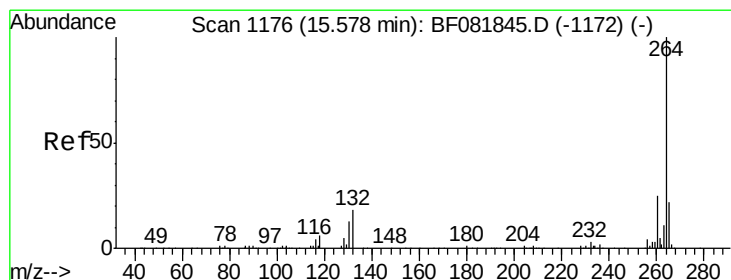
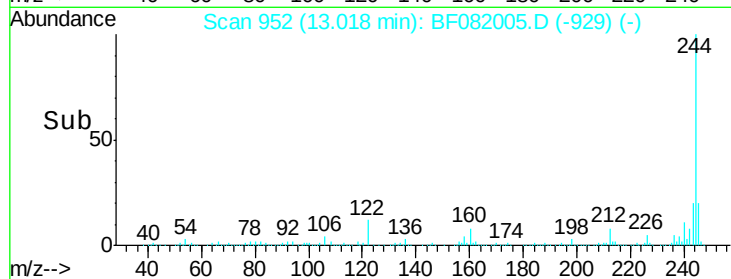
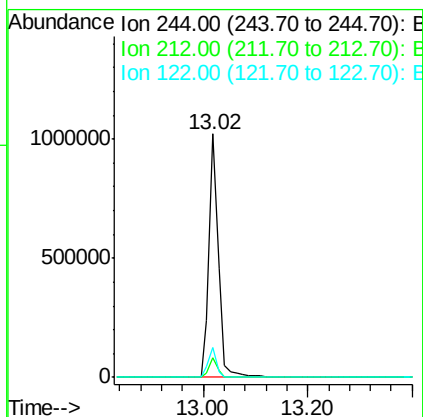
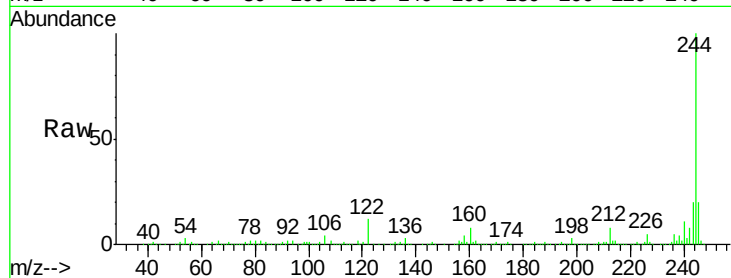




#78
 Terphenyl-d14
 Concen: 111.94 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF082005.D
 Acq: 3 Oct 2015 5:33

Instrument :
 BNA_F
 ClientSampleId :
 B-3D(1-1.5)

Tgt Ion:244 Resp: 1284797
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 12.1 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: BF082005.D
 Acq: 3 Oct 2015 5:33

Tgt Ion:264 Resp: 315938
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 20.7 17.2 25.8

