

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF087022.D
 Acq On : 14 May 2016 16:13
 Operator : UM/SJ
 Sample : H2947-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-33

Quant Time: May 16 01:07:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

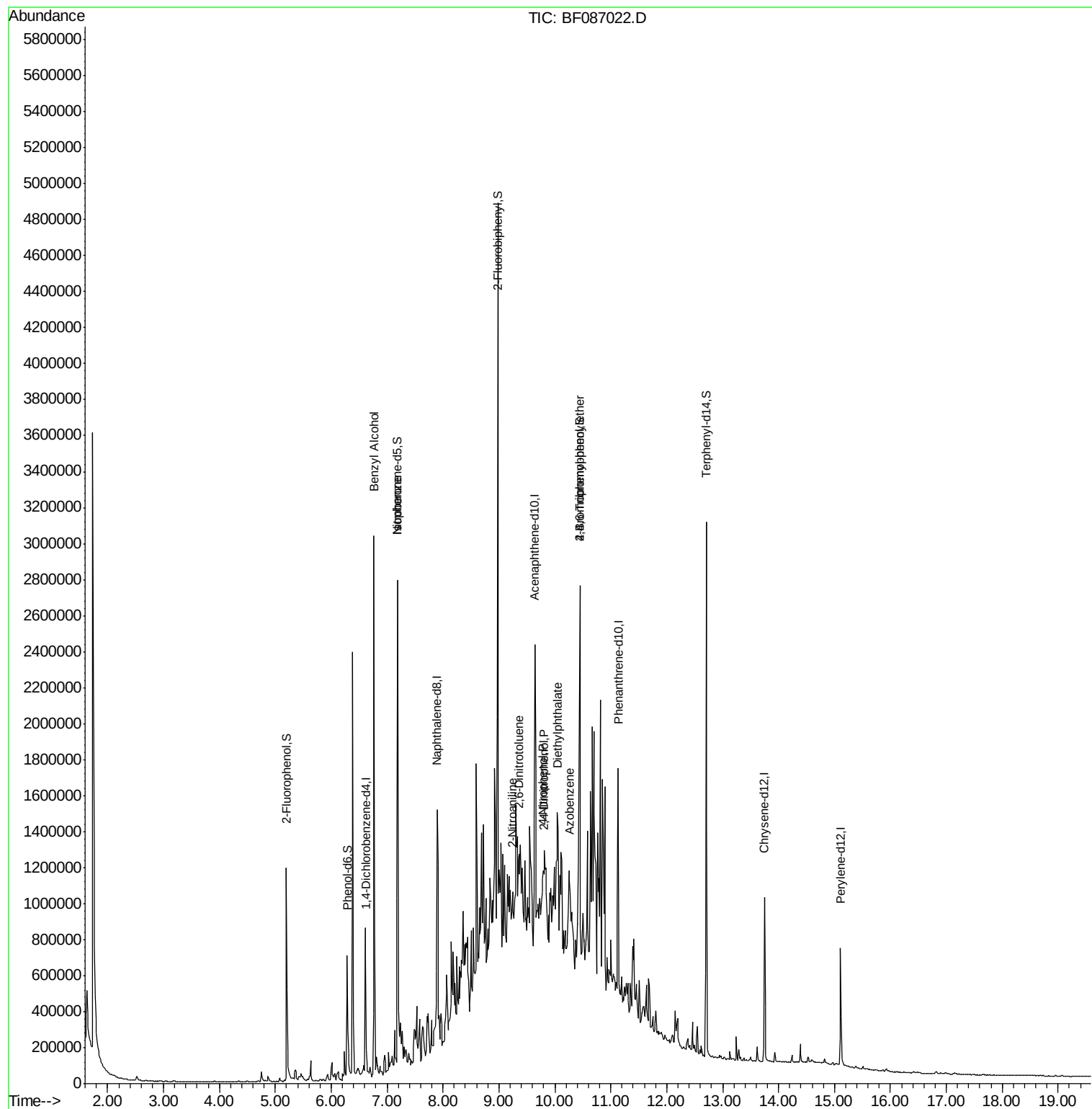
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	134684	20.00	ng	-0.08
21) Naphthalene-d8	7.90	136	529144	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	236682	20.00	ng	-0.09
63) Phenanthrene-d10	11.13	188	473231	20.00	ng	-0.08
75) Chrysene-d12	13.75	240	306535	20.00	ng	-0.09
86) Perylene-d12	15.11	264	278182	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	358200	45.04	ng	-0.09
7) Phenol-d6	6.28	99	354844	33.39	ng	-0.08
23) Nitrobenzene-d5	7.19	82	860688	81.67	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	272819	108.88	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1196322	84.95	ng	-0.08
78) Terphenyl-d14	12.71	244	1031349	71.39	ng	-0.09
Target Compounds						
15) Benzyl Alcohol	6.76	79	16363	2.23	ng	# 46
25) Isophorone	7.19	82	842041	43.07	ng	# 69
47) 2-Nitroaniline	9.24	65	11943	2.22	ng	# 26
50) 2,6-Dinitrotoluene	9.36	165	9338	2.46	ng	# 1
53) 2,4-Dinitrophenol	9.80	184	1639	8.45	ng	# 1
55) 4-Nitrophenol	9.79	139	1985	5.26	ng	# 1
59) Diethylphthalate	10.04	149	60615	3.44	ng	# 19
60) 4-Chlorophenyl-phenylether	10.18	204	3590	Below Cal		90
62) Azobenzene	10.26	77	42360	2.23	ng	# 33
66) 4-Bromophenyl-phenylether	10.44	248	17748	3.70	ng	# 1

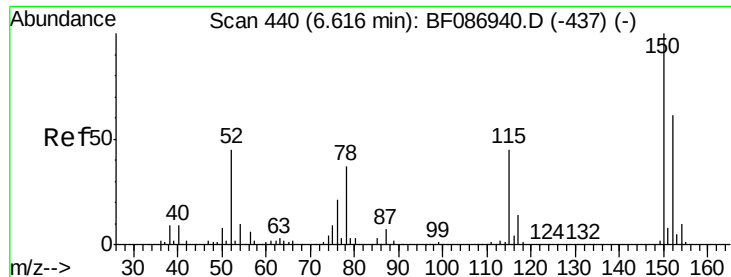
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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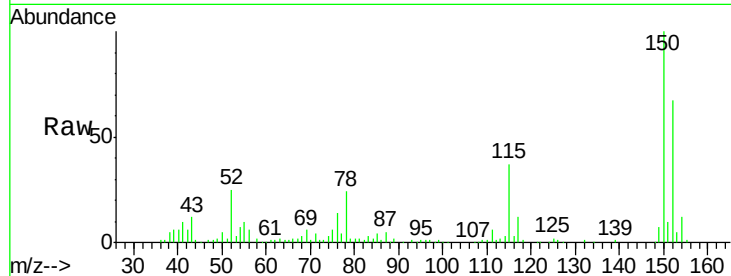


#1

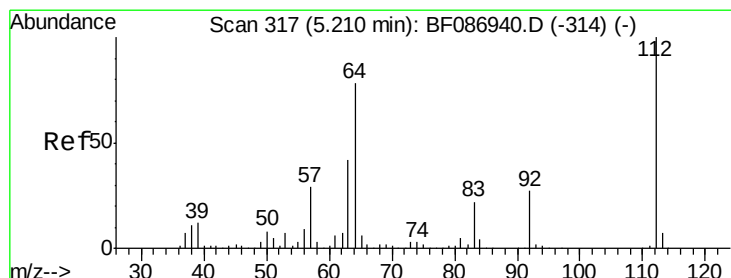
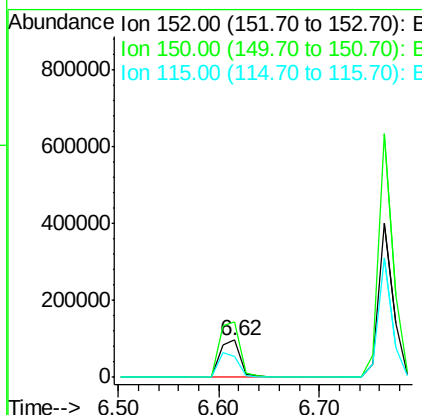
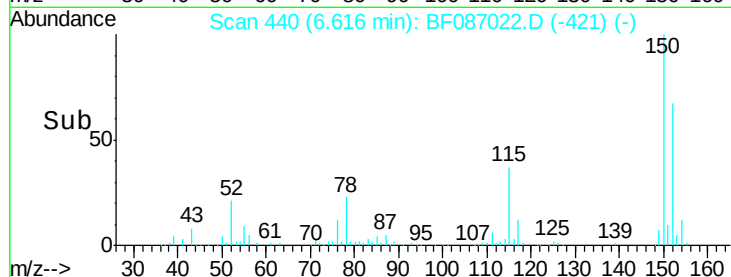
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.08 min
Lab File: BF087022.D
Acq: 14 May 2016 16:13

Instrument :
BNA_F
ClientSampleId :
MW-33

Tgt Ion:152 Resp: 134684
Ion Ratio Lower Upper
152 100
150 150.3 125.8 188.6
115 56.1 51.5 77.3



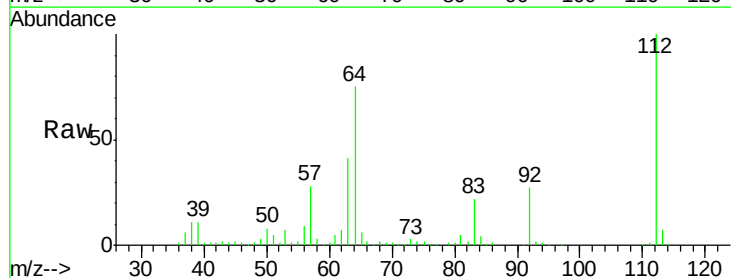
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



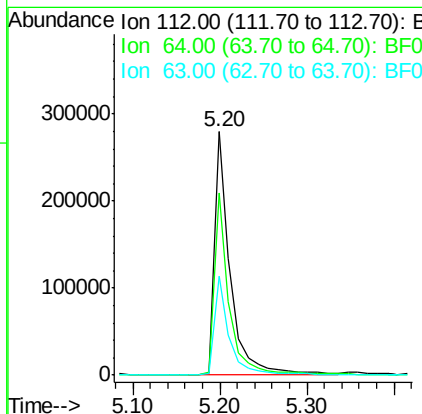
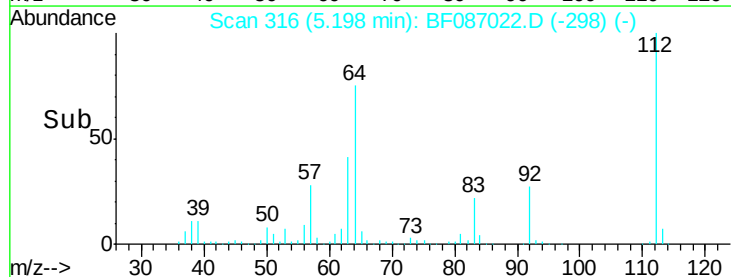
#5

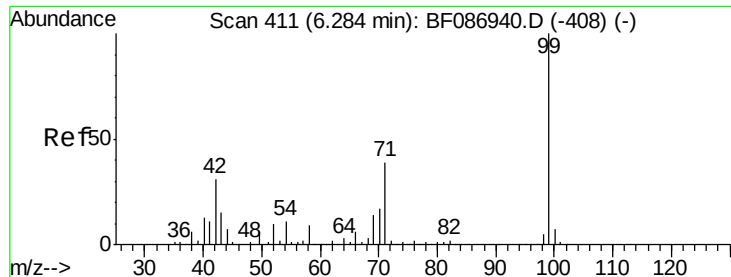
2-Fluorophenol
Concen: 45.04 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.09 min
Lab File: BF087022.D
Acq: 14 May 2016 16:13

Tgt Ion:112 Resp: 358200
Ion Ratio Lower Upper
112 100
64 75.1 52.1 78.1
63 40.8 25.7 38.5#



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: 33.39 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087022.D

Acq: 14 May 2016 16:13

Instrument :

BNA_F

ClientSampled :

MW-33

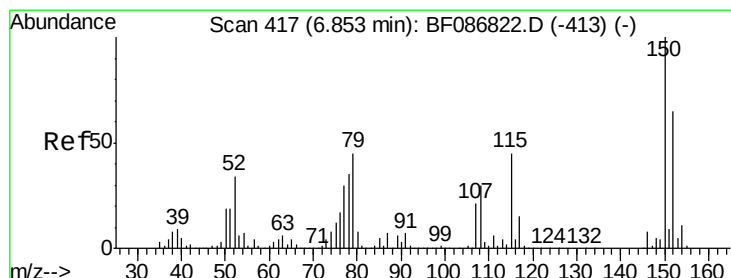
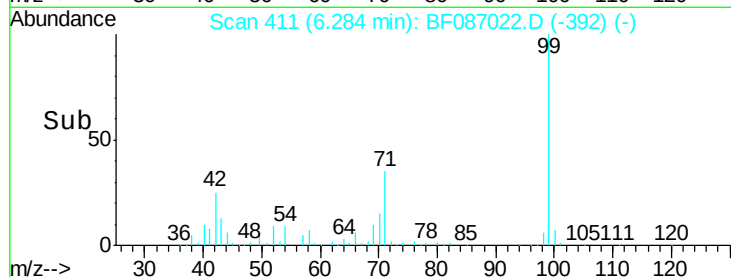
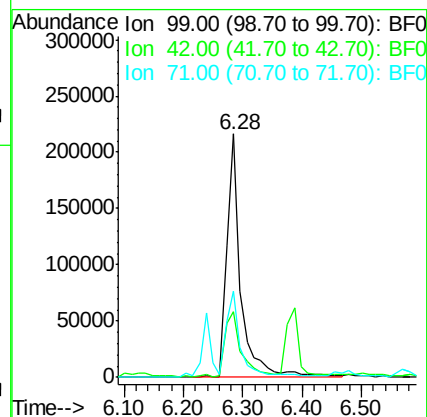
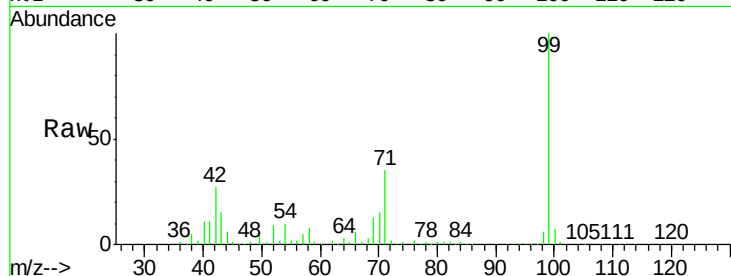
Tgt Ion: 99 Resp: 354844

Ion Ratio Lower Upper

99 100

42 27.1 13.6 20.4#

71 35.2 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.23 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.09 min

Lab File: BF087022.D

Acq: 14 May 2016 16:13

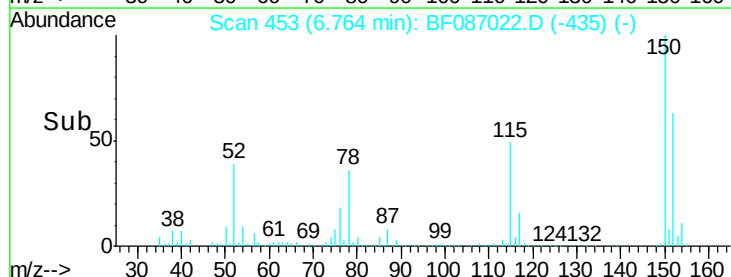
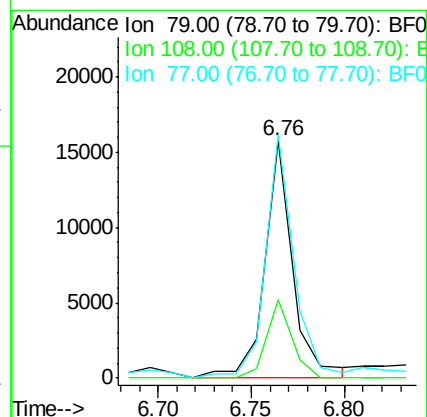
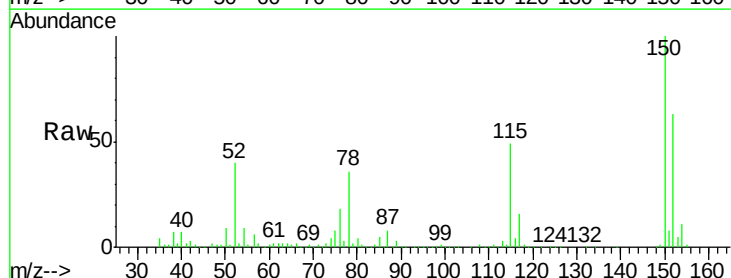
Tgt Ion: 79 Resp: 16363

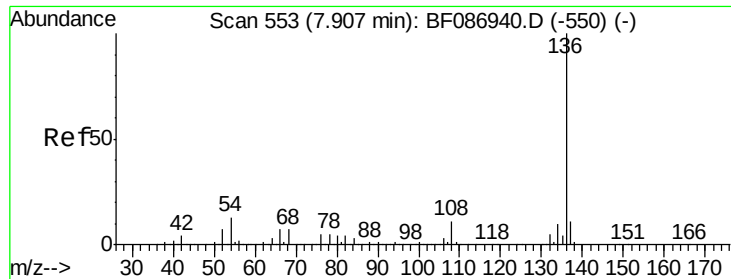
Ion Ratio Lower Upper

79 100

108 33.2 68.4 102.6#

77 102.6 50.6 76.0#

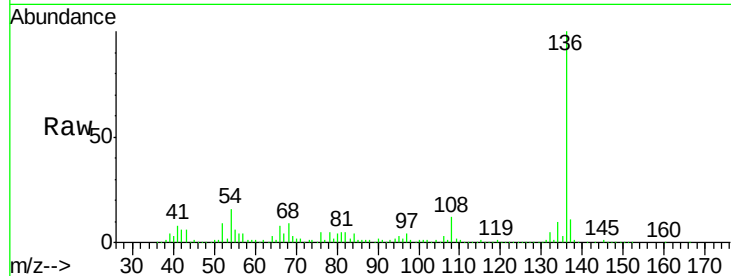




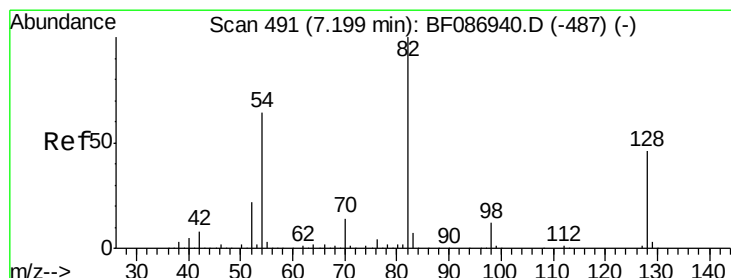
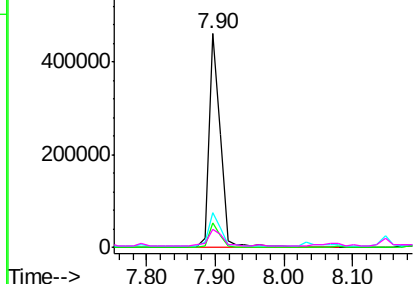
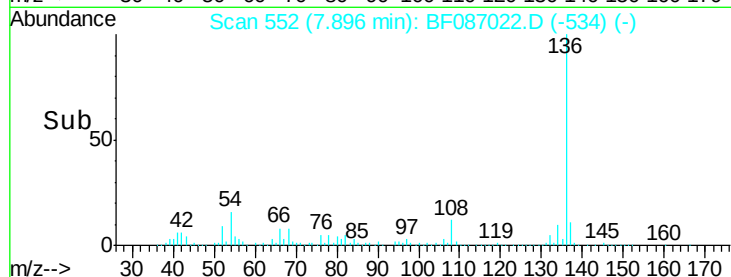
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087022.D
Acq: 14 May 2016 16:13

Instrument :
BNA_F
ClientSampleId :
MW-33

Tgt Ion:	136	Resp:	529144
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	16.1	5.0	7.4#
68	8.5	4.4	6.6#

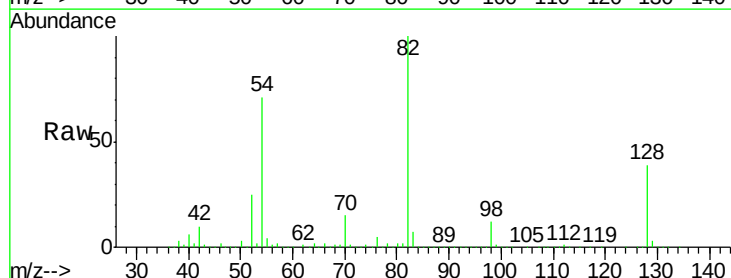


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

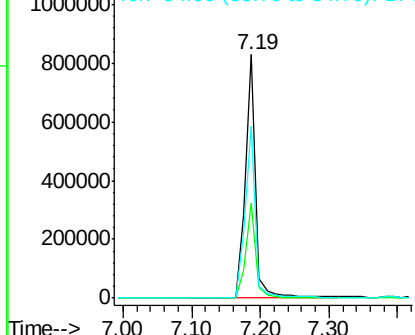
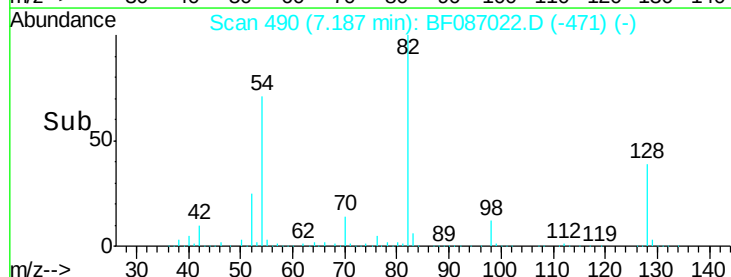


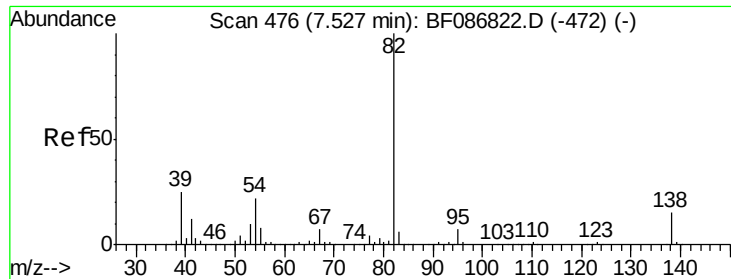
#23
Nitrobenzene-d5
Concen: 81.67 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087022.D
Acq: 14 May 2016 16:13

Tgt Ion:	82	Resp:	860688
Ion	Ratio	Lower	Upper
82	100		
128	38.9	40.6	61.0#
54	70.7	38.1	57.1#



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





#25

Isophorone

Concen: 43.07 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.34 min

Lab File: BF087022.D

Acq: 14 May 2016 16:13

Instrument :

BNA_F

ClientSampleId :

MW-33

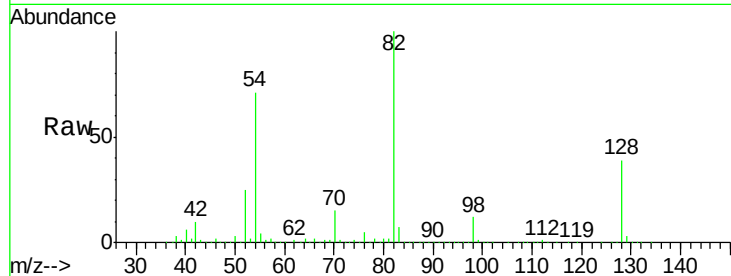
Tgt Ion: 82 Resp: 842041

Ion Ratio Lower Upper

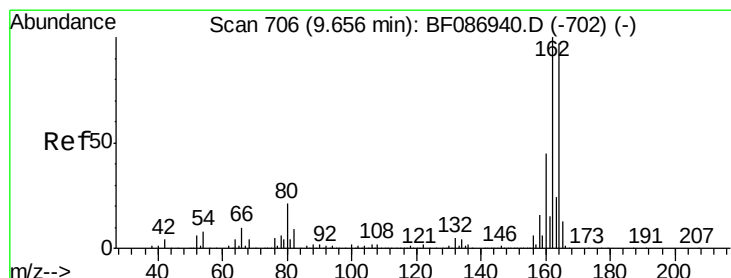
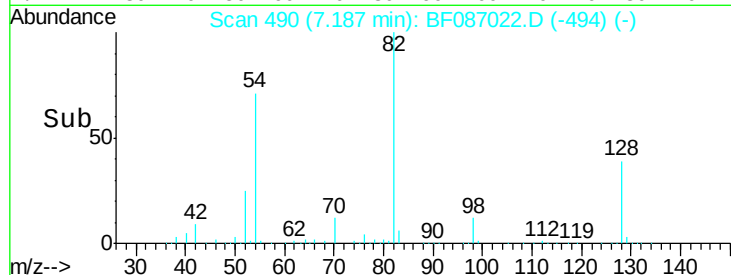
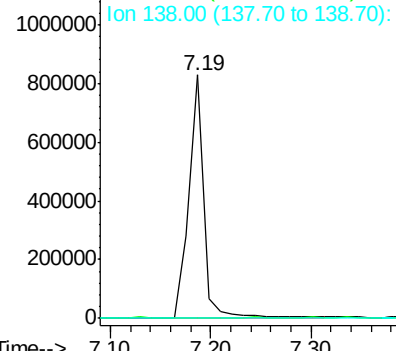
82 100

95 0.1 5.1 7.7#

138 0.0 12.4 18.6#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF087022.D

Acq: 14 May 2016 16:13

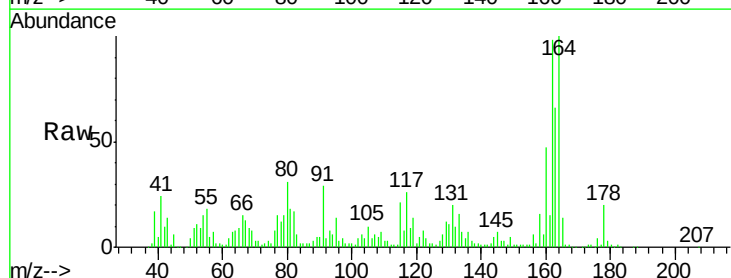
Tgt Ion: 164 Resp: 236682

Ion Ratio Lower Upper

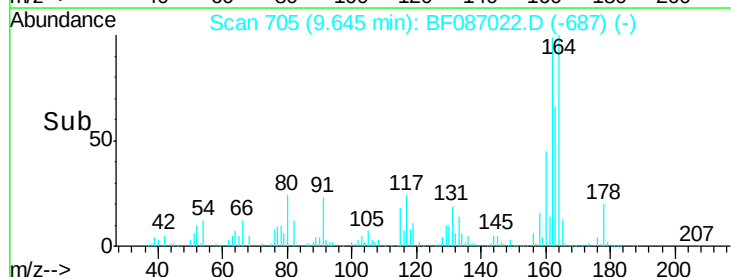
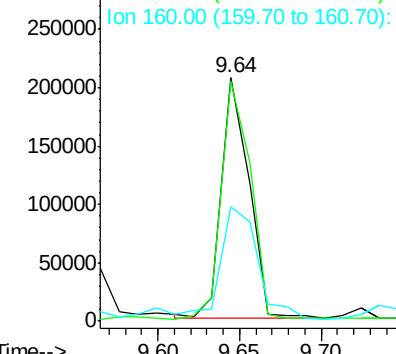
164 100

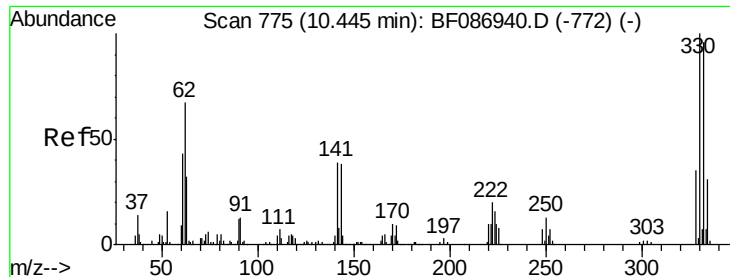
162 98.5 82.8 124.2

160 46.9 36.9 55.3



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

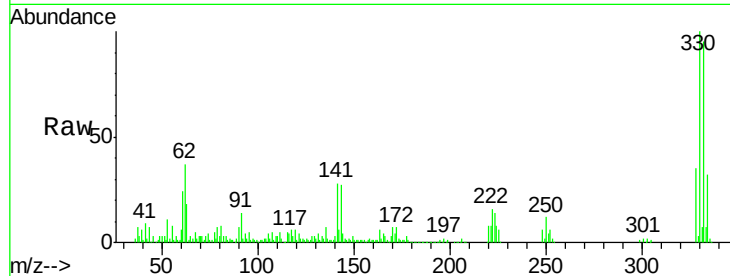




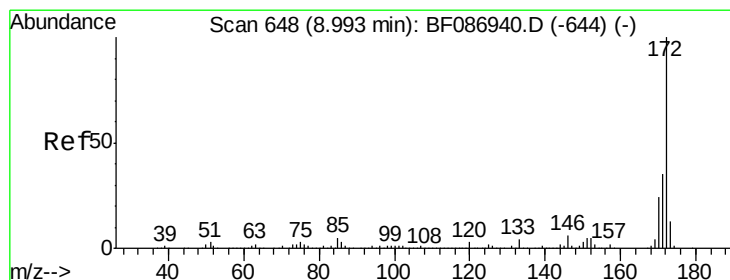
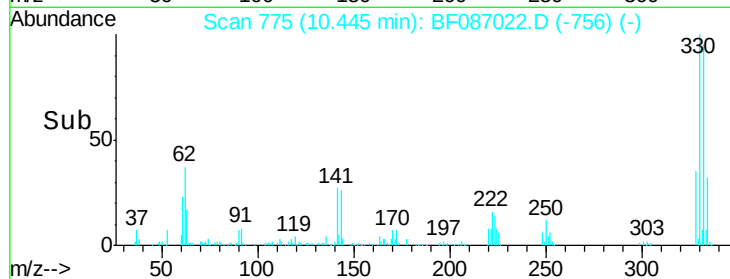
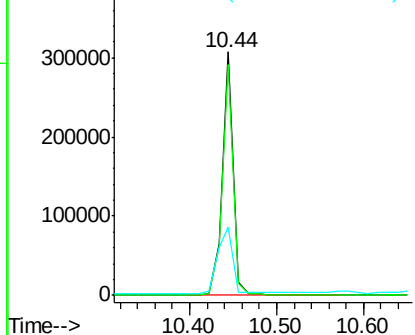
#41
 2,4,6-Tribromophenol
 Concen: 108.88 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF087022.D
 Acq: 14 May 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	79.0	118.4
141	38.7	31.2	46.8

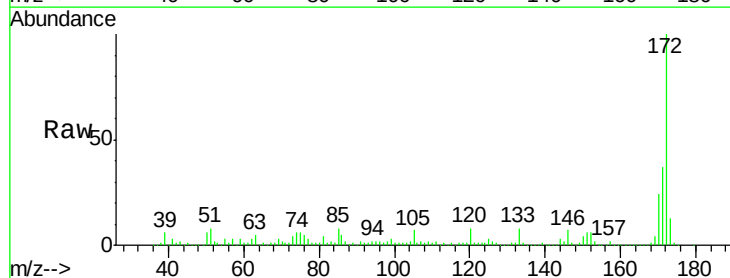


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

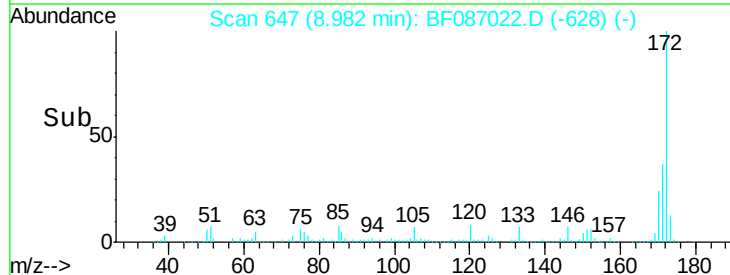
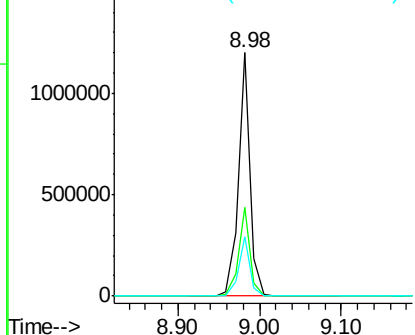


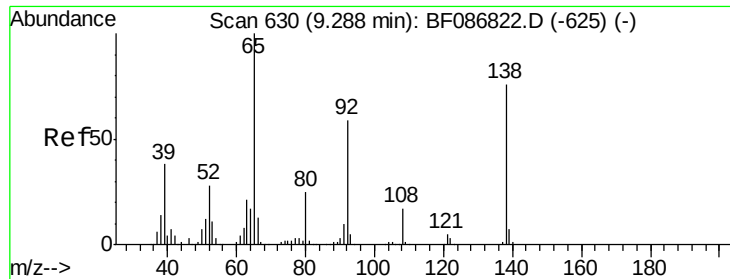
#44
 2-Fluorobiphenyl
 Concen: 84.95 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087022.D
 Acq: 14 May 2016 16:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.4	19.8	29.8



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





#47

2-Nitroaniline

Concen: 2.22 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.04 min

Lab File: BF087022.D

Acq: 14 May 2016 16:13

Instrument :

BNA_F

ClientSampleId :

MW-33

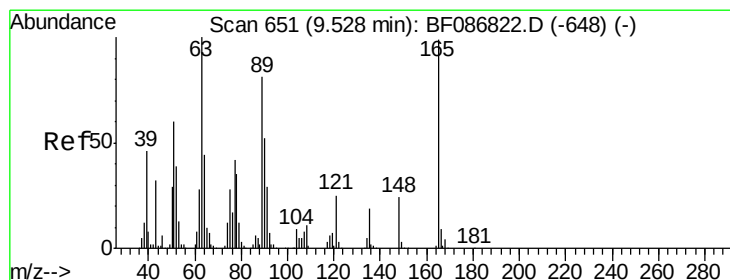
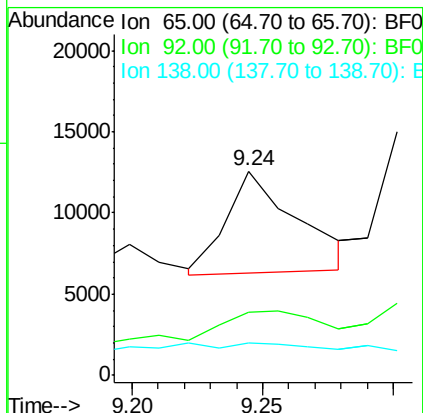
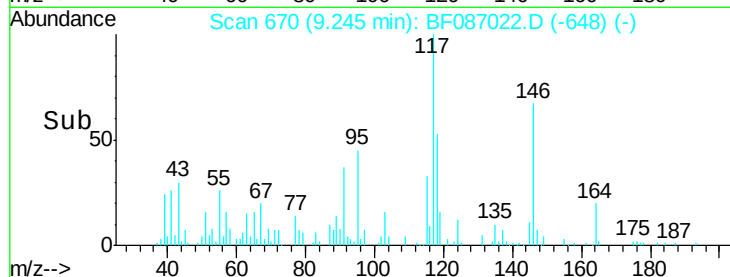
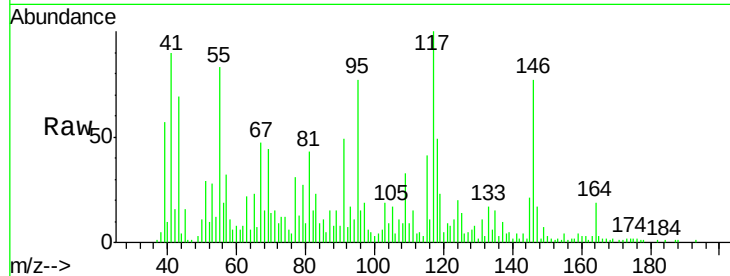
Tgt Ion: 65 Resp: 11943

Ion Ratio Lower Upper

65 100

92 31.2 57.4 86.2#

138 15.9 90.1 135.1#



#50

2,6-Dinitrotoluene

Concen: 2.46 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.17 min

Lab File: BF087022.D

Acq: 14 May 2016 16:13

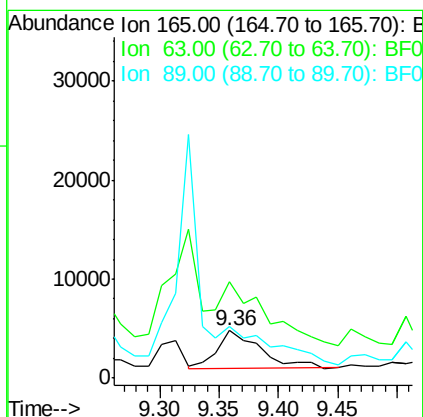
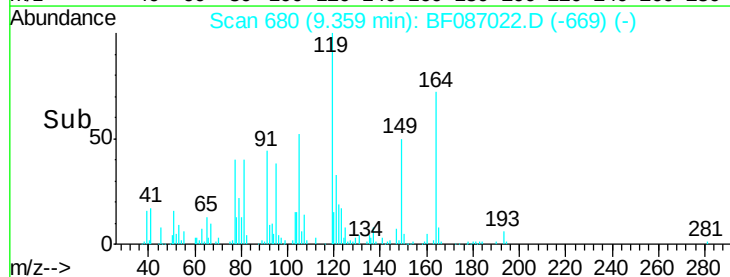
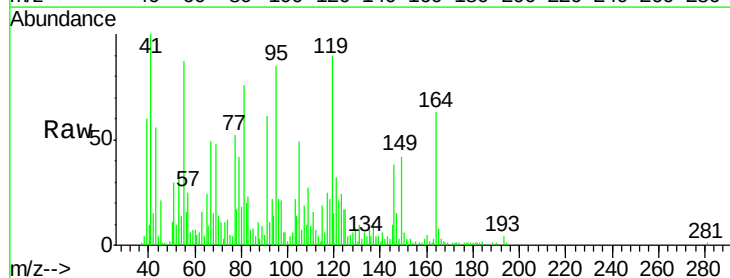
Tgt Ion: 165 Resp: 9338

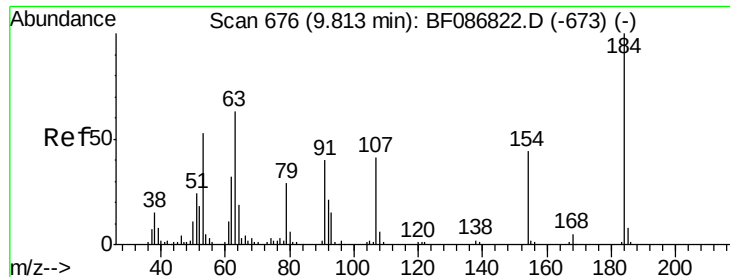
Ion Ratio Lower Upper

165 100

63 201.3 51.8 77.8#

89 107.0 50.7 76.1#

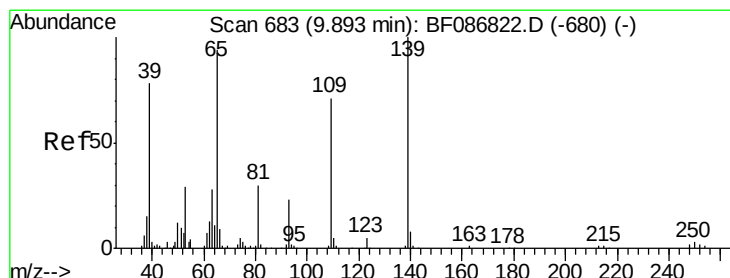
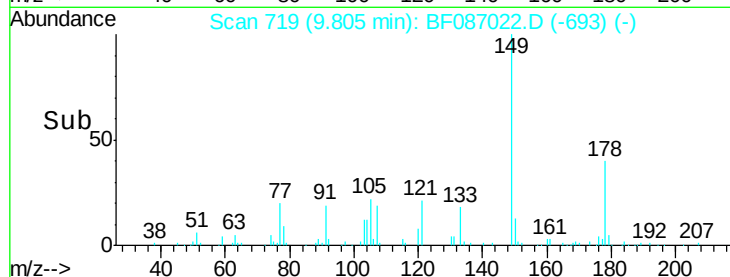
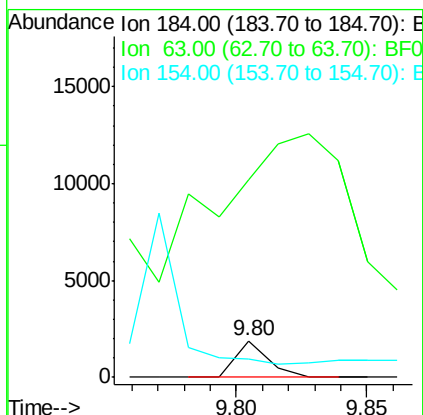
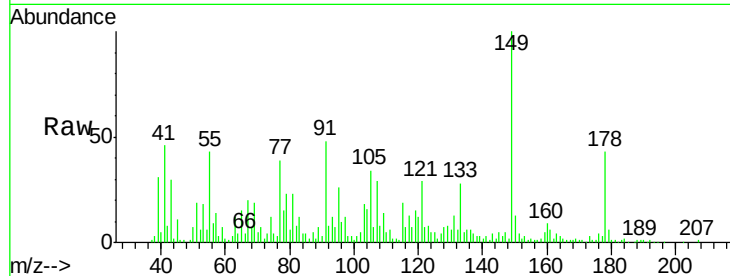




#53
 2,4-Dinitrophenol
 Concen: 8.45 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF087022.D
 Acq: 14 May 2016 16:13

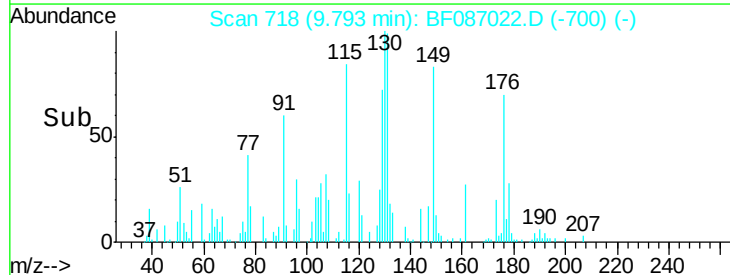
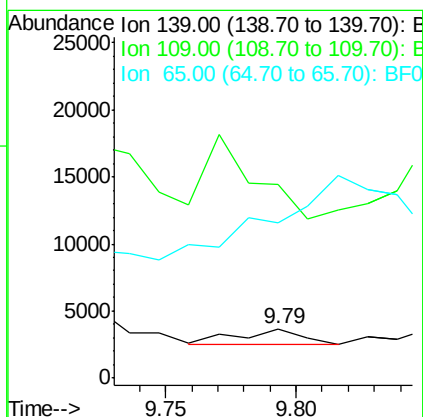
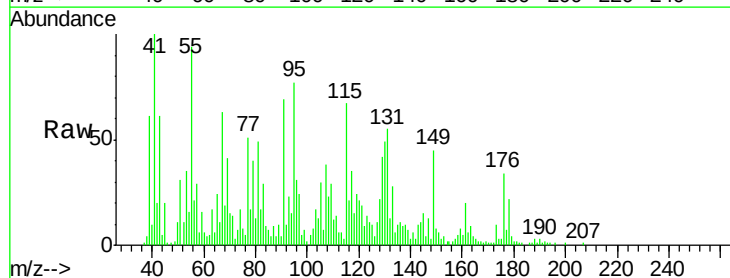
Instrument :
 BNA_F
 ClientSampleId :
 MW-33

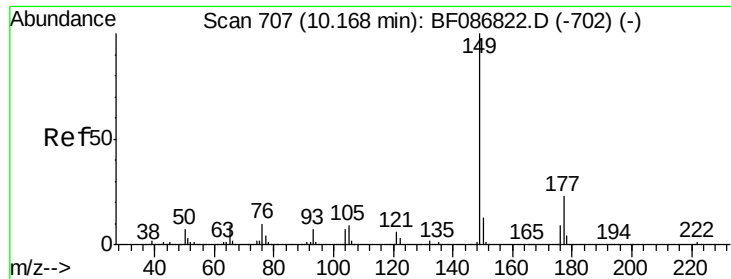
Tgt Ion:184 Resp: 1639
 Ion Ratio Lower Upper
 184 100
 63 542.5 55.8 83.8#
 154 51.0 62.4 93.6#



#55
 4-Nitrophenol
 Concen: 5.26 ng
 RT: 9.79 min Scan# 718
 Delta R.T. -0.10 min
 Lab File: BF087022.D
 Acq: 14 May 2016 16:13

Tgt Ion:139 Resp: 1985
 Ion Ratio Lower Upper
 139 100
 109 394.0 36.9 76.9#
 65 317.1 64.0 104.0#

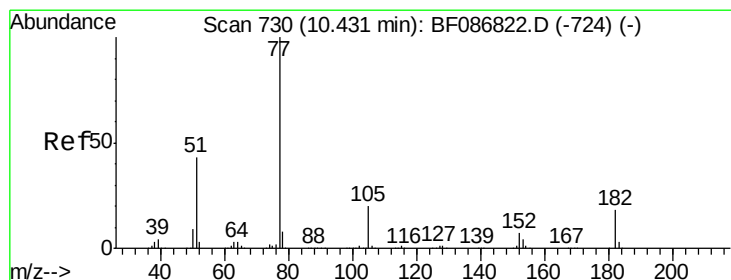
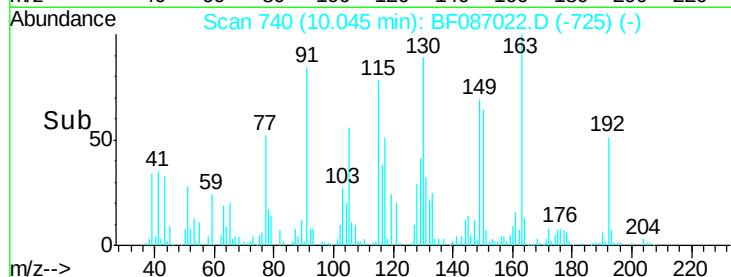
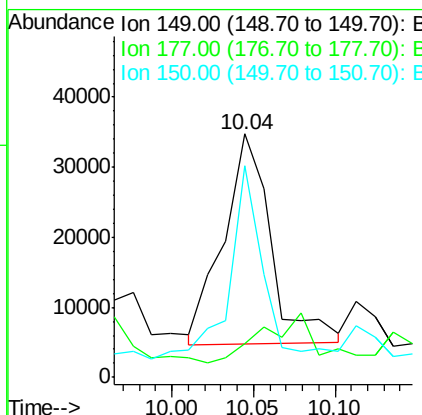
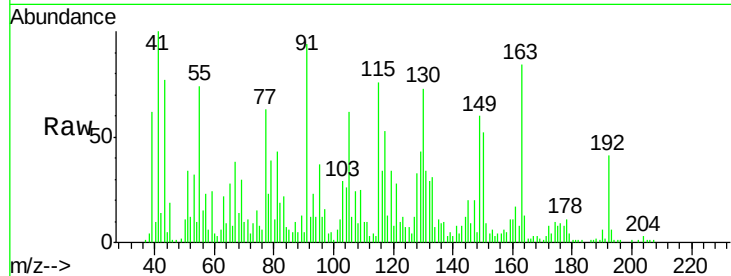




#59
Diethylphthalate
Concen: 3.44 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.12 min
Lab File: BF087022.D
Acq: 14 May 2016 16:13

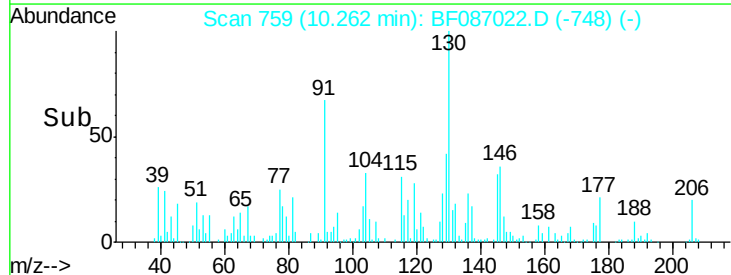
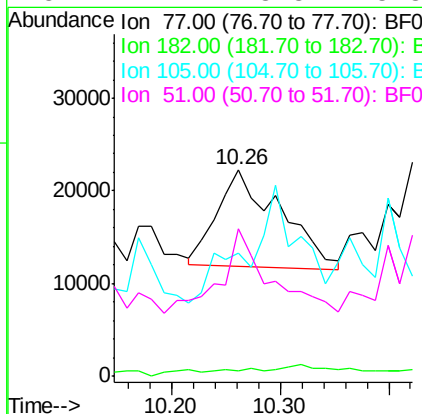
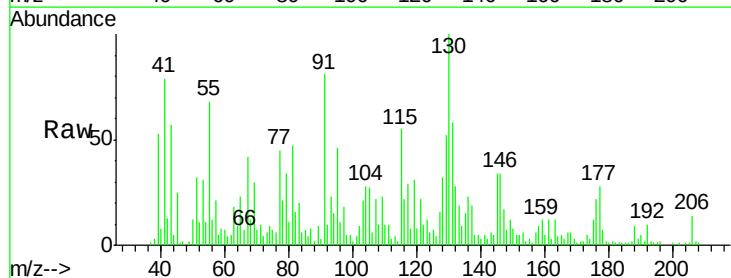
Instrument :
BNA_F
ClientSampled :
MW-33

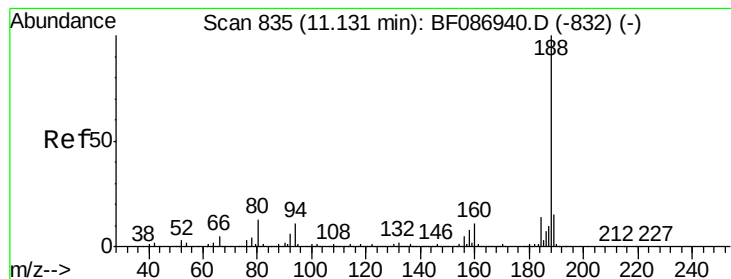
Tgt Ion: 149 Resp: 60615
Ion Ratio Lower Upper
149 100
177 13.9 16.6 24.8#
150 87.1 10.0 15.0#



#62
Azobenzene
Concen: 2.23 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.17 min
Lab File: BF087022.D
Acq: 14 May 2016 16:13

Tgt Ion: 77 Resp: 42360
Ion Ratio Lower Upper
77 100
182 2.5 0.0 38.8
105 59.6 3.2 43.2#
51 71.1 8.8 48.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.08 min

Lab File: BF087022.D

Acq: 14 May 2016 16:13

Instrument :

BNA_F

ClientSampleId :

MW-33

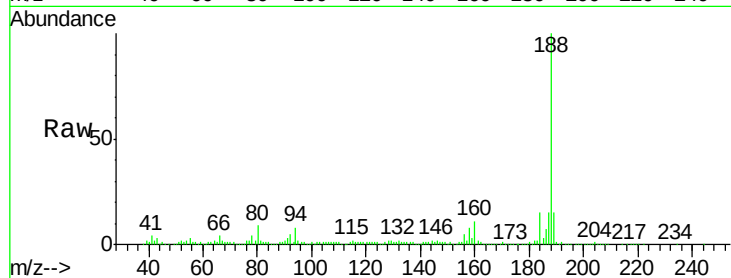
Tgt Ion:188 Resp: 473231

Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

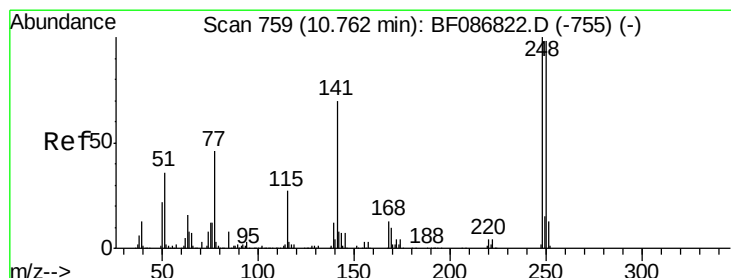
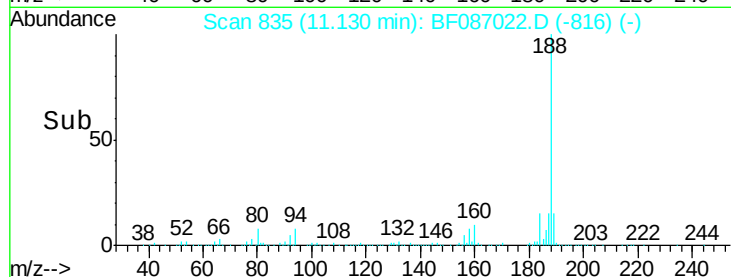
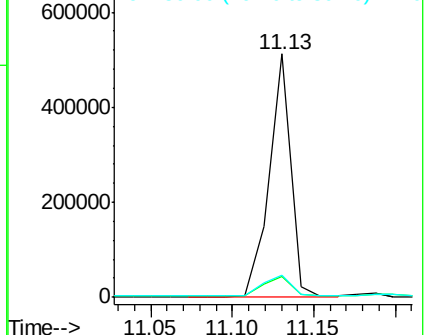
80 8.9 7.1 10.7



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: 3.70 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.32 min

Lab File: BF087022.D

Acq: 14 May 2016 16:13

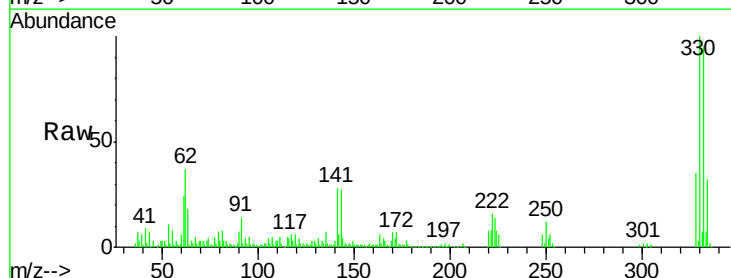
Tgt Ion:248 Resp: 17748

Ion Ratio Lower Upper

248 100

250 192.3 78.6 117.8#

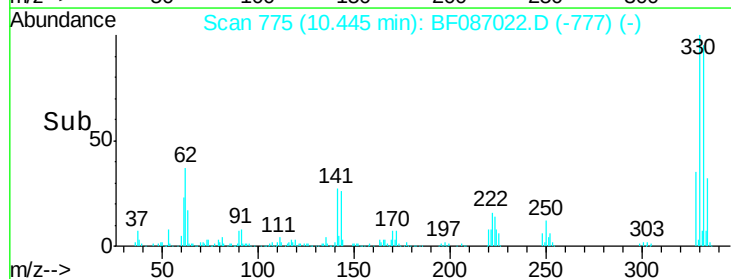
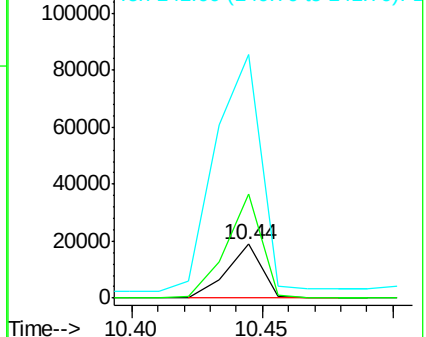
141 452.1 76.0 114.0#

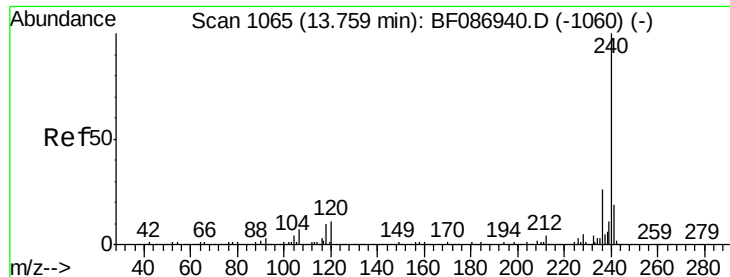


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.09 min

Lab File: BF087022.D

Acq: 14 May 2016 16:13

Instrument :

BNA_F

ClientSampleId :

MW-33

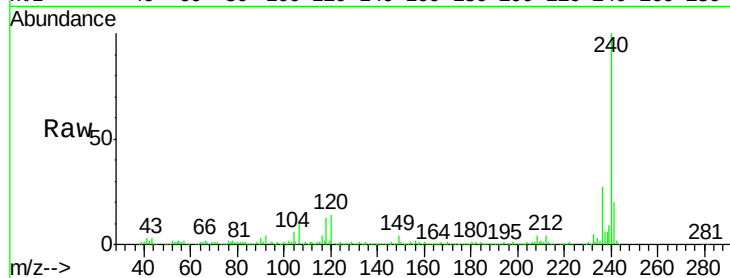
Tgt Ion:240 Resp: 306535

Ion Ratio Lower Upper

240 100

120 14.5 11.2 16.8

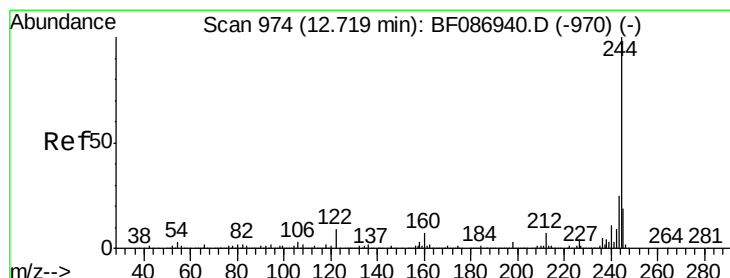
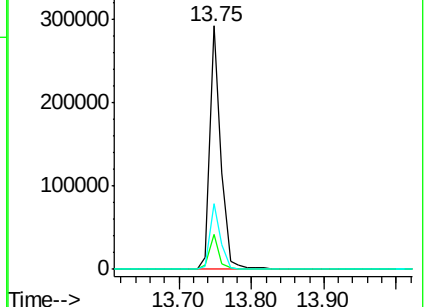
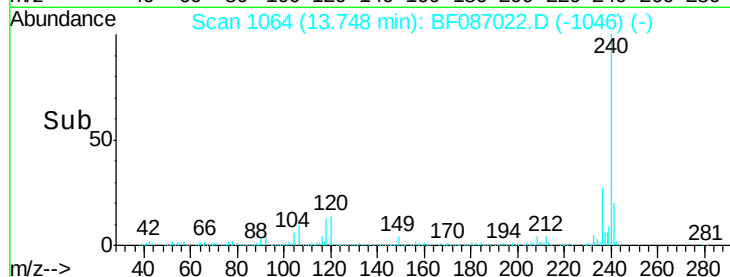
236 26.9 21.2 31.8



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: 71.39 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087022.D

Acq: 14 May 2016 16:13

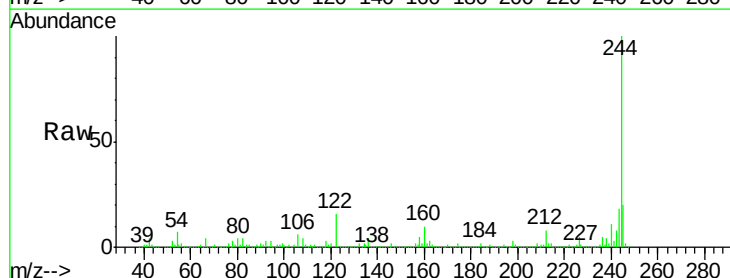
Tgt Ion:244 Resp: 1031349

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

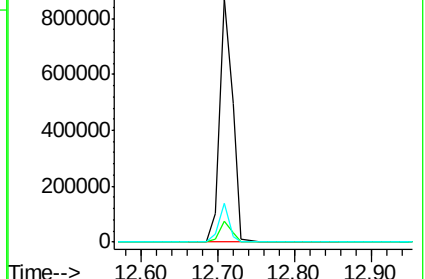
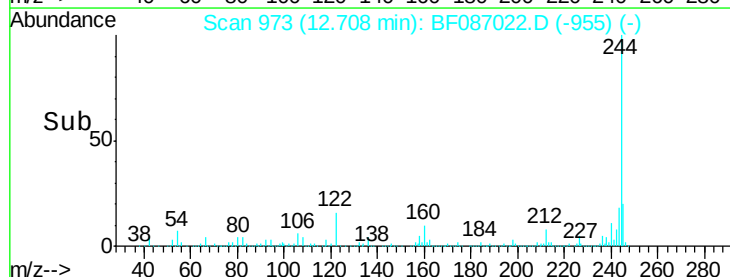
122 15.7 12.0 18.0

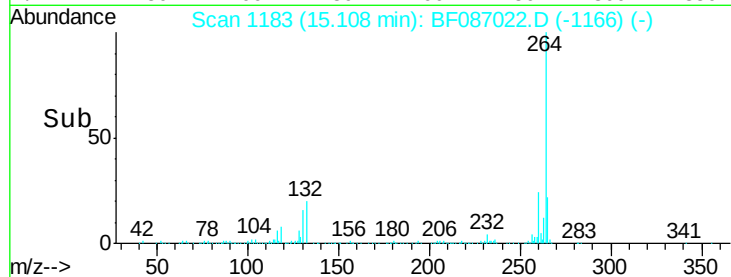
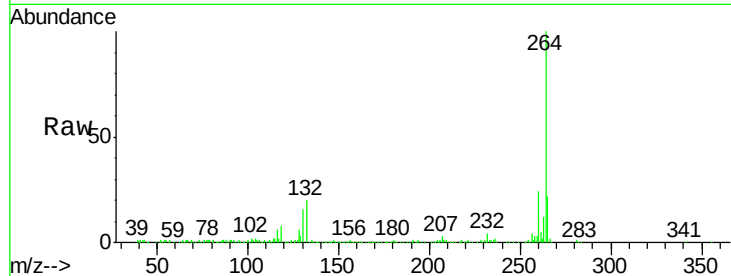
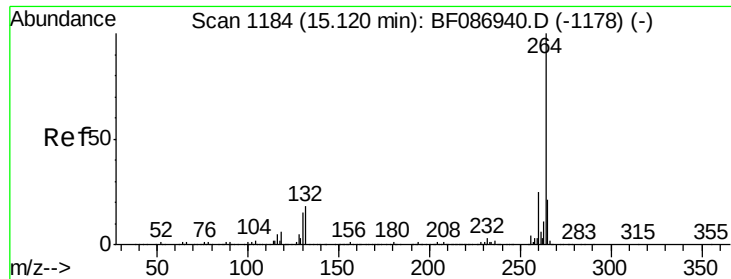


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183

Delta R.T. -0.10 min

Lab File: BF087022.D

Acq: 14 May 2016 16:13

Instrument :

BNA_F

ClientSampleId :

MW-33

Tgt Ion:264 Resp: 278182

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.7 17.3 25.9

