

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085113.D
 Acq On : 2 Mar 2016 12:19
 Operator : SJ/IZ
 Sample : PB88622BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:37:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	169282	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	711795	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	314179	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	639154	20.00	ng	0.00
75) Chrysene-d12	14.15	240	550971	20.00	ng	0.00
86) Perylene-d12	15.63	264	391292	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1340516	128.56	ng	0.01
7) Phenol-d6	6.61	99	1641296	120.07	ng	0.00
23) Nitrobenzene-d5	7.54	82	980645	73.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	393359	124.59	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1797981	84.28	ng	0.00
78) Terphenyl-d14	13.10	244	1899609	80.88	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.79	88	1792	0.35	ng	# 34
4) n-Nitrosodimethylamine	3.40	42	206	0.03	ng	# 1
6) Aniline	6.76	93	2200	0.11	ng	# 1
8) 2-Chlorophenol	6.77	128	1077	0.09	ng	# 1
9) Benzaldehyde	6.76	77	33948	2.62	ng	83
10) Phenol	6.76	94	2891	0.19	ng	# 1
11) bis(2-Chloroethyl)ether	6.76	93	2200	0.18	ng	# 1
15) Benzyl Alcohol	7.14	79	18910	1.90	ng	# 47
19) n-Nitroso-di-n-propylamine	7.54	70	131380	14.58	ng	# 81
22) Acetophenone	7.14	105	263	0.01	ng	# 1
24) Nitrobenzene	7.54	77	3108	0.22	ng	# 39
27) 2,4-Dimethylphenol	7.94	122	276	0.02	ng	# 6
31) Naphthalene	8.38	128	1339	0.04	ng	# 1
32) Benzoic acid	7.94	122	276	12.43	ng	# 81
33) 4-Chloroaniline	8.38	127	206	0.01	ng	# 1
45) 1,1'-Biphenyl	9.35	154	4014	0.14	ng	# 1
47) 2-Nitroaniline	9.35	65	3493	0.55	ng	# 1
50) 2,6-Dinitrotoluene	10.02	165	40337	8.35	ng	# 22
51) Acenaphthene	10.02	154	1221	0.06	ng	# 4
56) 2,4-Dinitrotoluene	10.02	165	40329	6.20	ng	# 19
57) Fluorene	10.81	166	18434	0.95	ng	# 92
62) Azobenzene	10.81	77	2334	0.10	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.81	198	827	7.39	ng	# 1
65) n-Nitrosodiphenylamine	10.81	169	13072	0.65	ng	# 48
66) 4-Bromophenyl-phenylether	10.81	248	26701	3.98	ng	# 1
70) Phenanthrene	11.51	178	243	0.01	ng	# 1
71) Anthracene	11.51	178	243	0.01	ng	# 1
73) Di-n-butylphthalate	12.07	149	220	0.01	ng	# 78
77) Pyrene	13.10	202	6850	0.18	ng	# 72
80) Benzo(a)anthracene	14.15	228	1422	0.04	ng	# 55
82) Chrysene	14.15	228	1422	0.05	ng	# 53
89) Benzo(a)pyrene	15.63	252	1256	0.06	ng	# 78

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Quant Time: Mar 03 01:37:18 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

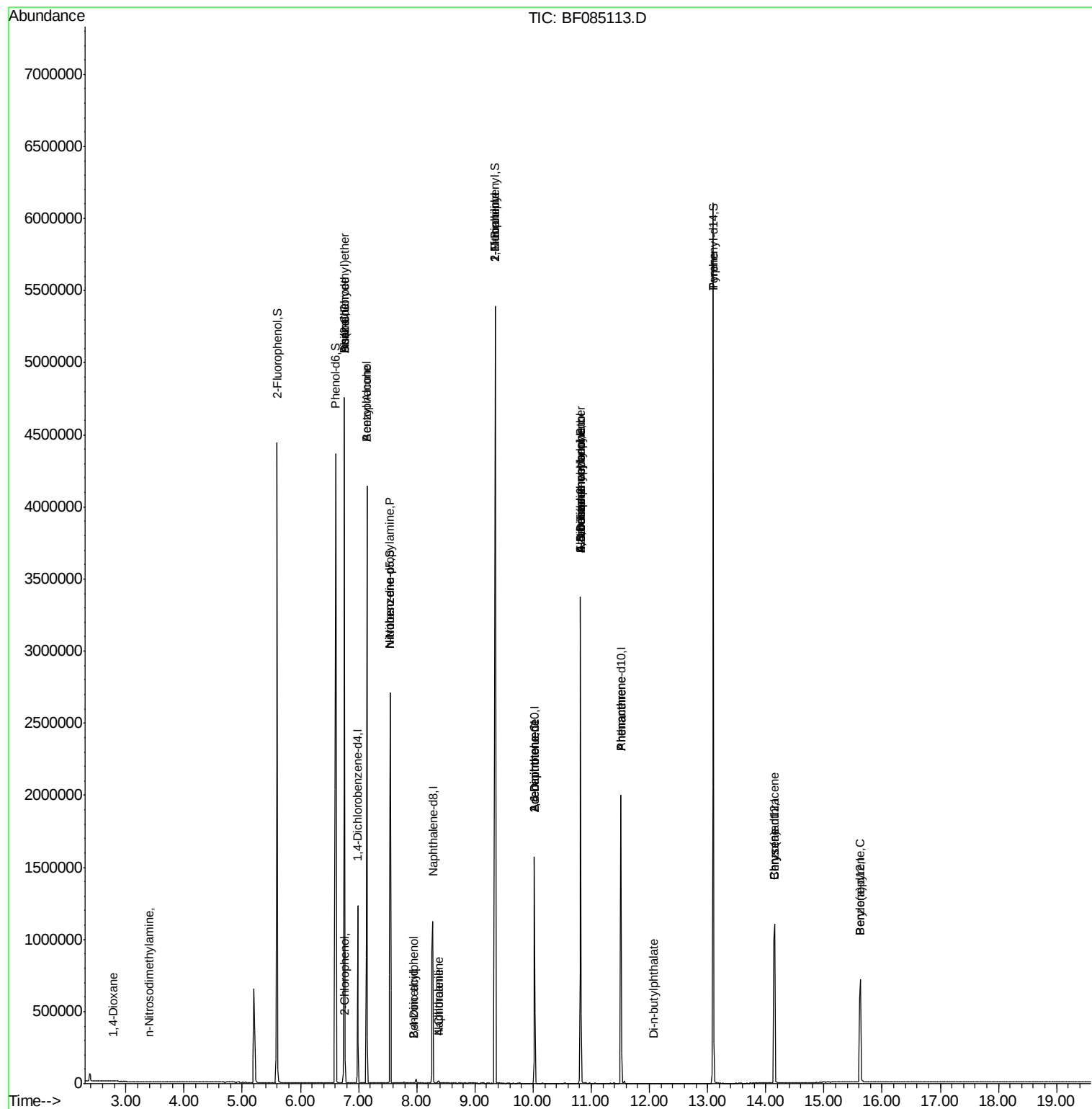
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

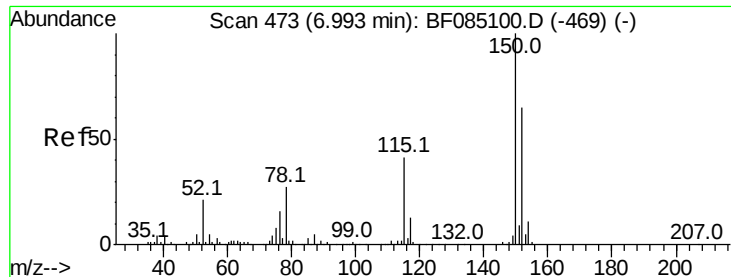
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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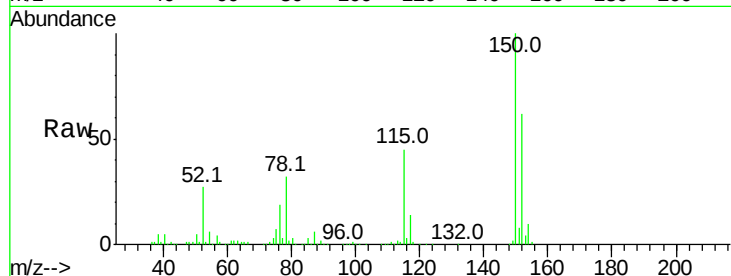


#1

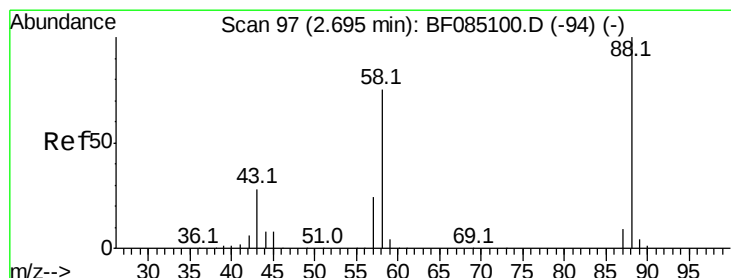
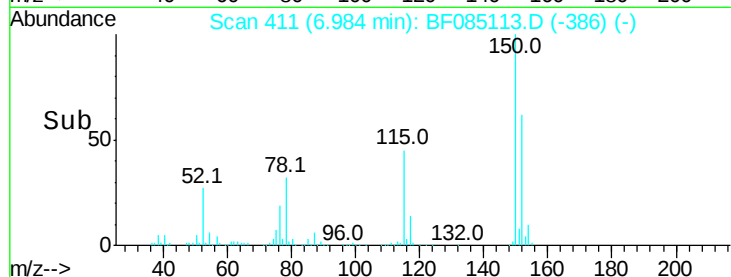
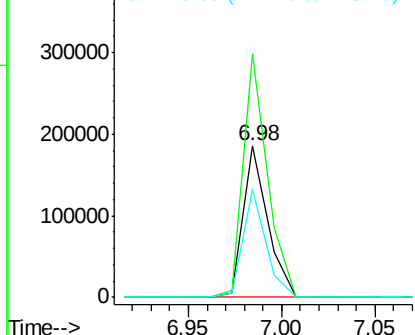
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF085113.D
Acq: 2 Mar 2016 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 169282
Ion Ratio Lower Upper
152 100
150 160.3 123.4 185.0
115 71.4 50.0 75.0



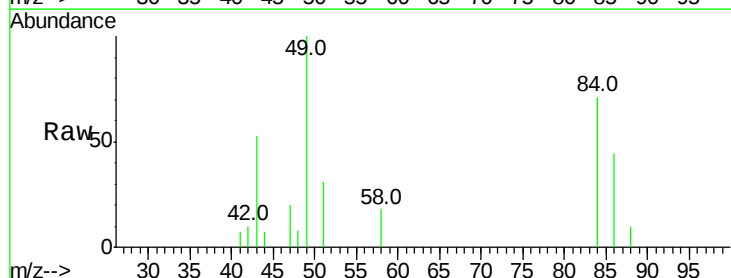
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



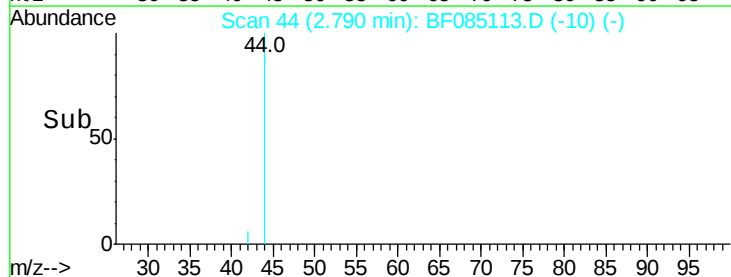
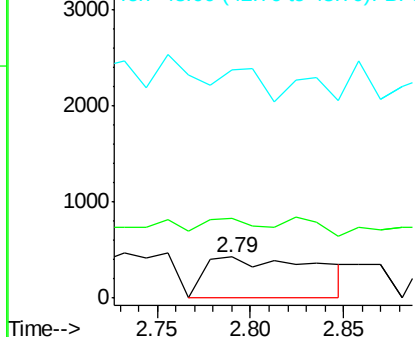
#2

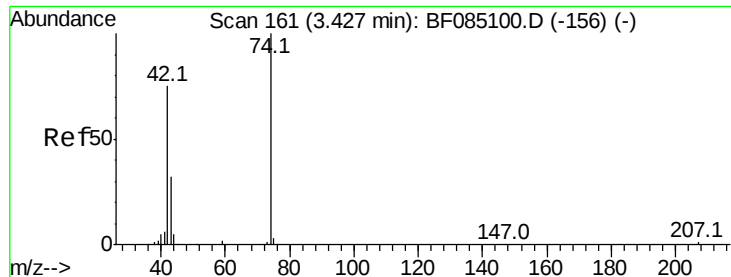
1,4-Dioxane
Concen: 0.35 ng
RT: 2.79 min Scan# 44
Delta R.T. 0.09 min
Lab File: BF085113.D
Acq: 2 Mar 2016 12:19

Tgt Ion: 88 Resp: 1792
Ion Ratio Lower Upper
88 100
58 13.5 58.4 87.6#
43 0.0 22.2 33.4#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.40 min Scan# 97

Delta R.T. -0.03 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampled :

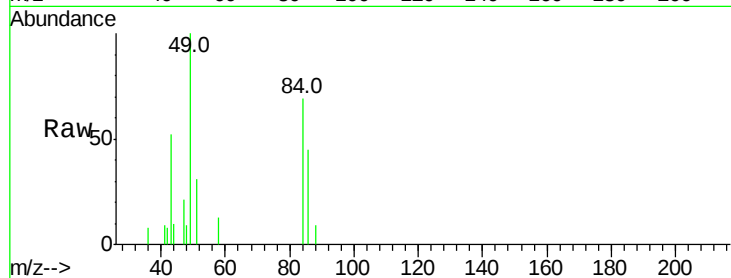
Tot Ion: 42 Resp: 206

Ion Ratio Lower Upper

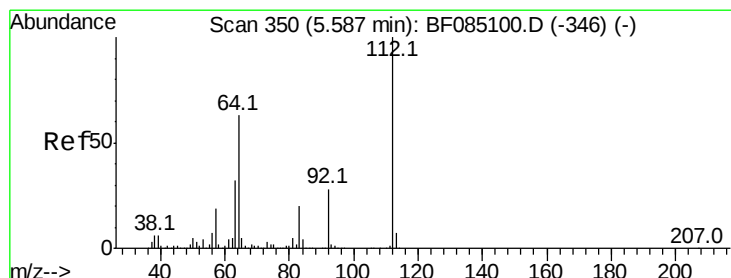
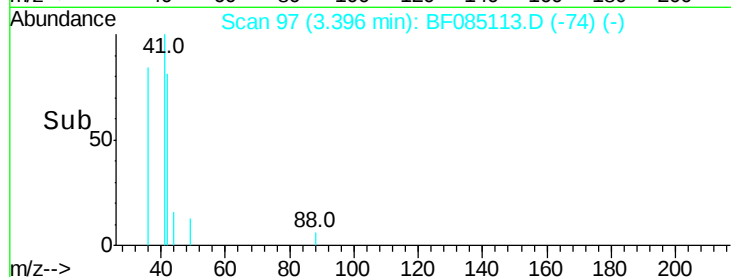
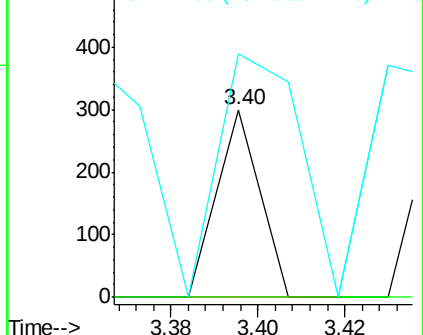
42 100

74 0.0 106.6 160.0#

44 129.7 5.4 8.2#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 128.56 ng

RT: 5.60 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

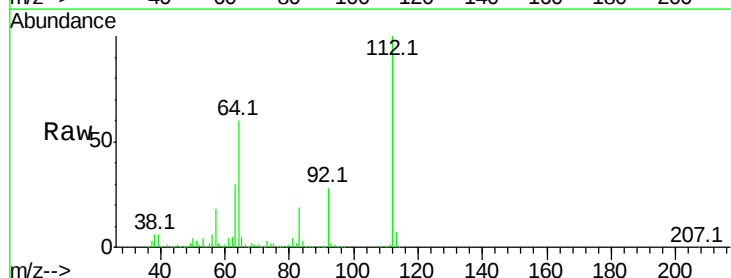
Tgt Ion: 112 Resp: 1340516

Ion Ratio Lower Upper

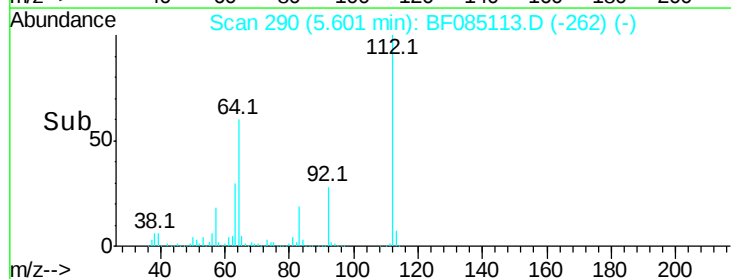
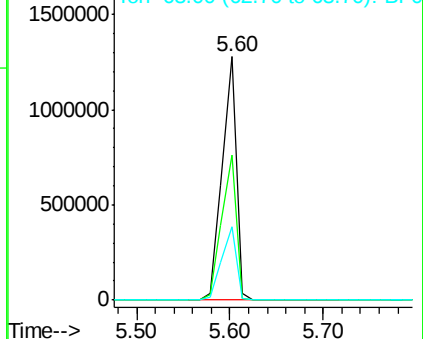
112 100

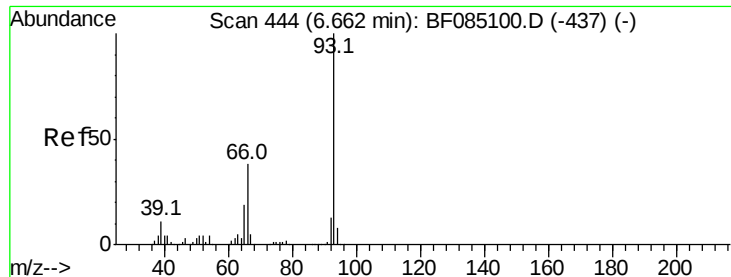
64 59.7 50.6 76.0

63 30.2 25.5 38.3



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





#6

Aniline

Concen: 0.11 ng

RT: 6.76 min Scan# 391

Delta R.T. 0.09 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampleId :

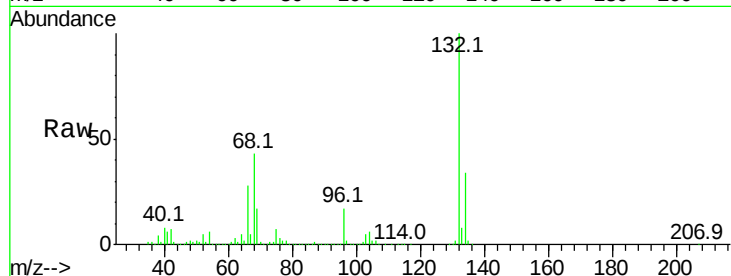
Tot Ion: 93 Resp: 2200

Ion Ratio Lower Upper

93 100

66 16511.1 30.1 45.1#

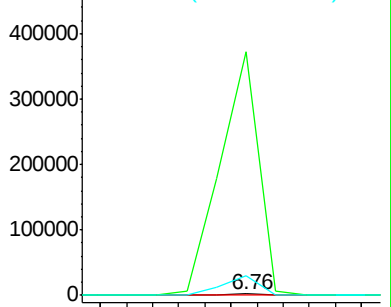
65 1290.9 15.0 22.6#



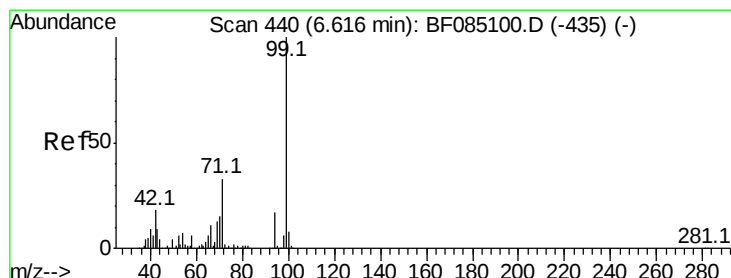
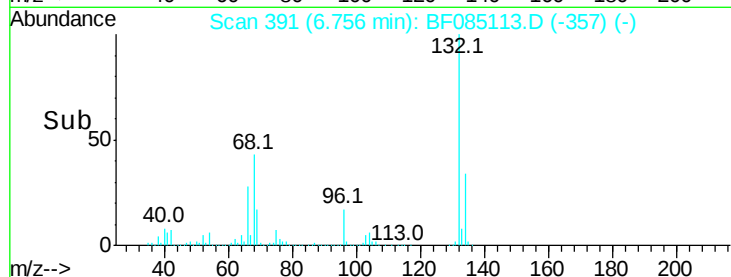
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#7

Phenol-d6

Concen: 120.07 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

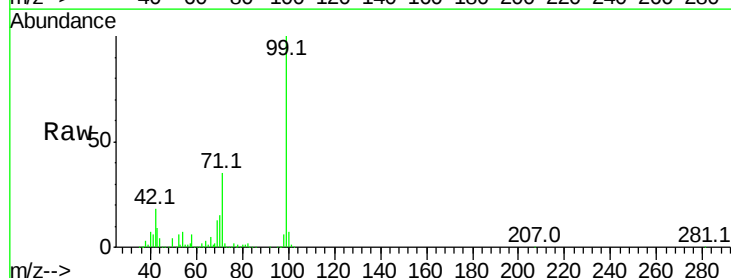
Tgt Ion: 99 Resp: 1641296

Ion Ratio Lower Upper

99 100

42 18.4 14.1 21.1

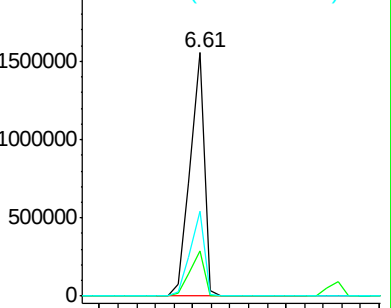
71 34.9 26.8 40.2



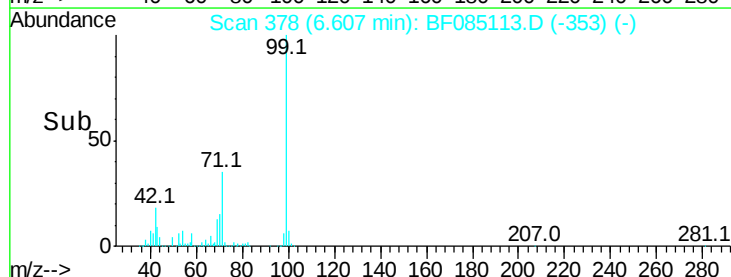
Abundance Ion 99.00 (98.70 to 99.70): BF0

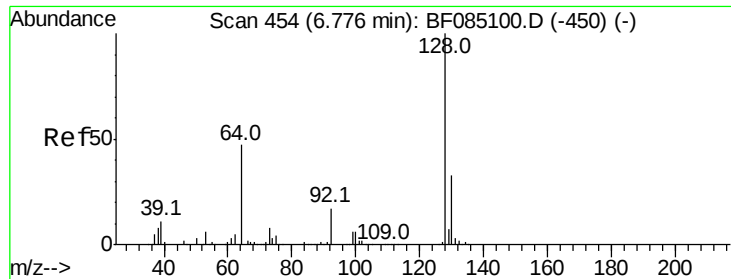
Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->





#8

2-Chlorophenol

Concen: 0.09 ng

RT: 6.77 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampleId :

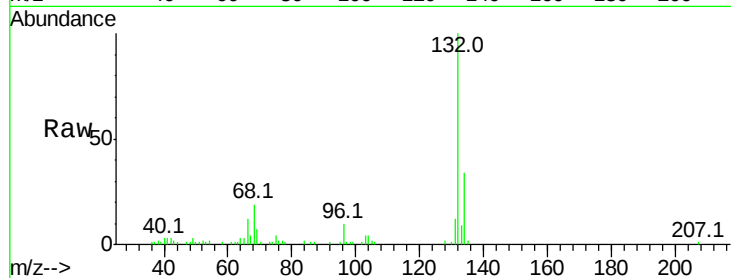
Tot Ion:128 Resp: 1077

Ion Ratio Lower Upper

128 100

130 54.7 13.1 53.1#

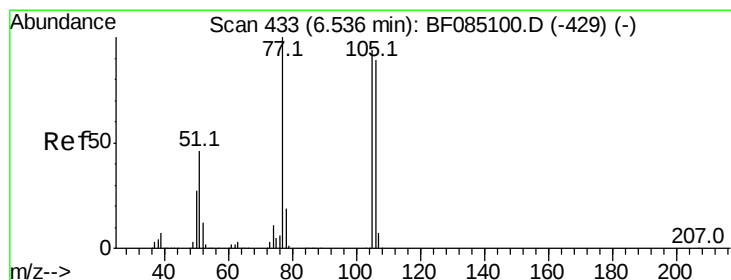
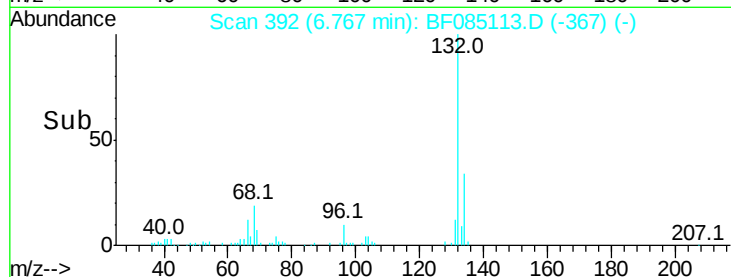
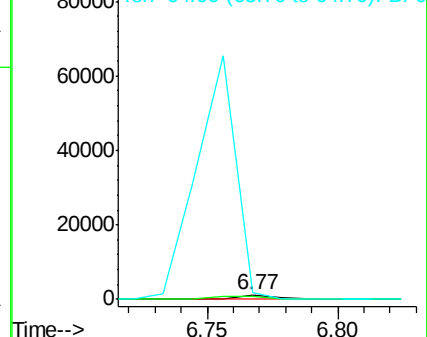
64 152.5 29.6 69.6#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 2.62 ng

RT: 6.76 min Scan# 391

Delta R.T. 0.22 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

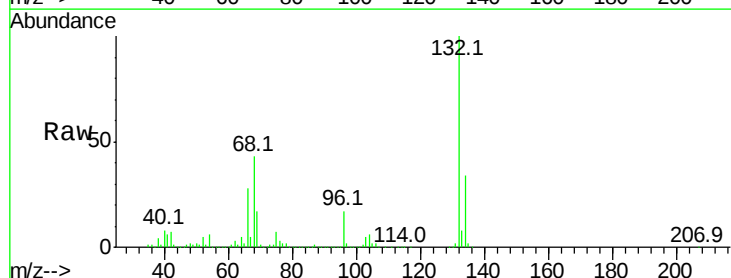
Tgt Ion: 77 Resp: 33948

Ion Ratio Lower Upper

77 100

105 78.9 73.7 113.7

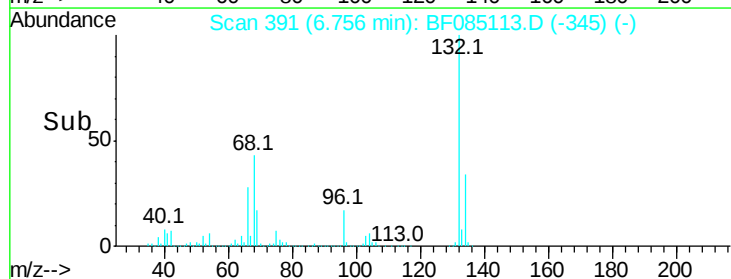
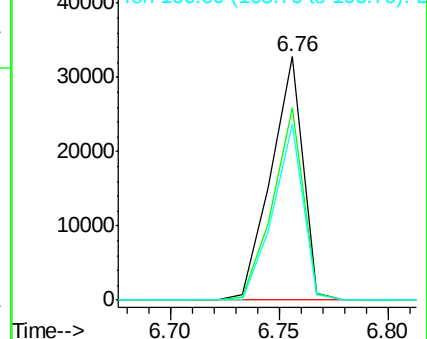
106 72.2 69.2 109.2

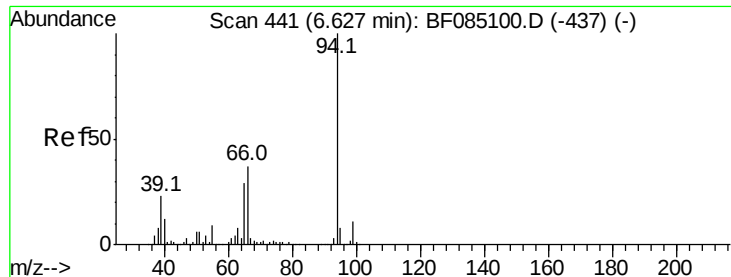


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.19 ng

RT: 6.76 min Scan# 391

Delta R.T. 0.13 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampled :

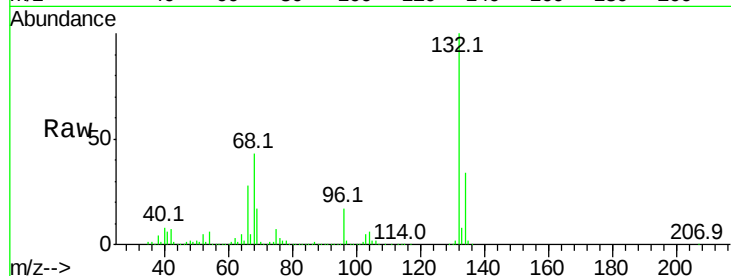
Tot Ion: 94 Resp: 2891

Ion Ratio Lower Upper

94 100

65 999.9 9.1 49.1#

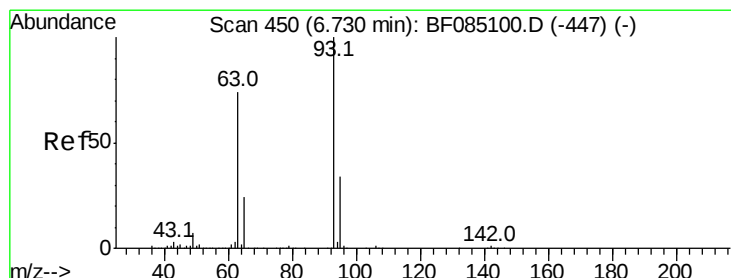
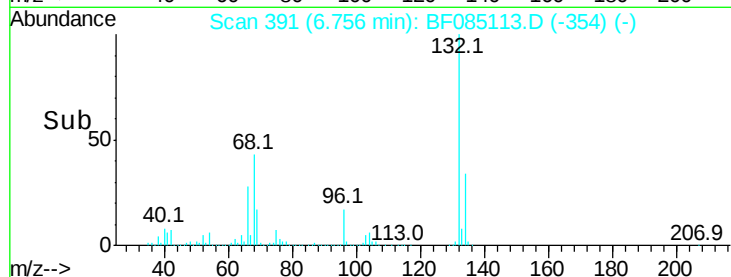
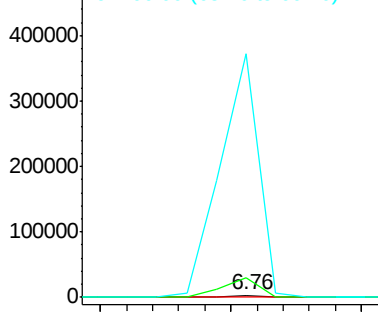
66 12789.0 17.5 57.5#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 0.18 ng

RT: 6.76 min Scan# 391

Delta R.T. 0.03 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

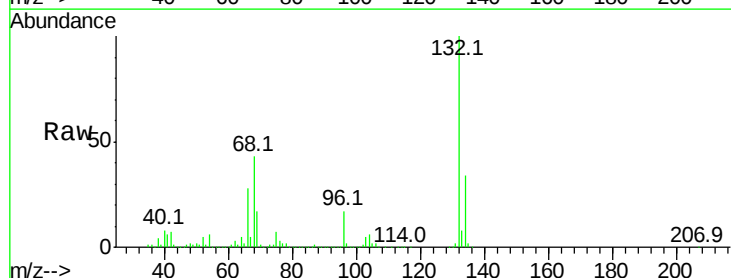
Tgt Ion: 93 Resp: 2200

Ion Ratio Lower Upper

93 100

63 622.6 53.9 93.9#

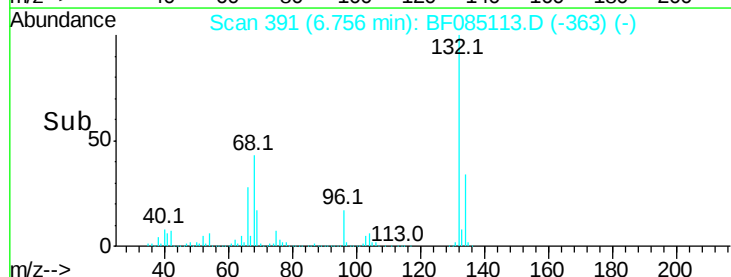
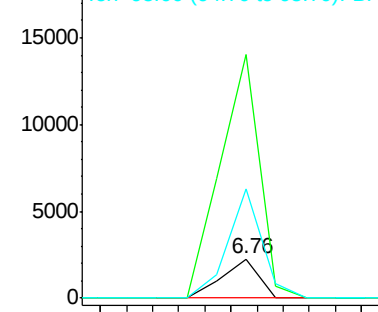
95 277.9 13.8 53.8#

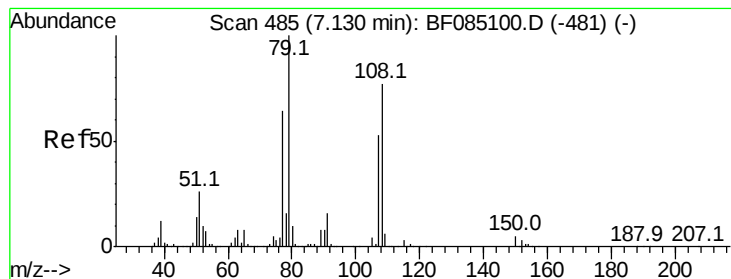


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 1.90 ng

RT: 7.14 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampleId :

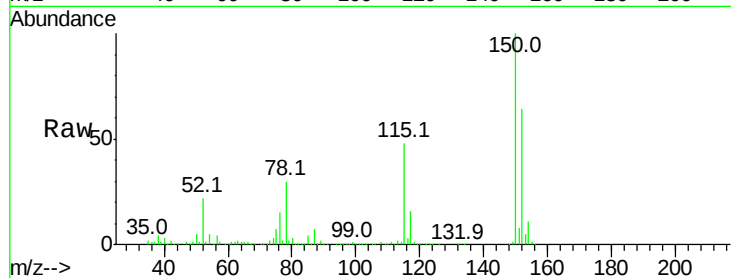
Tot Ion: 79 Resp: 18910

Ion Ratio Lower Upper

79 100

108 32.3 61.8 92.6#

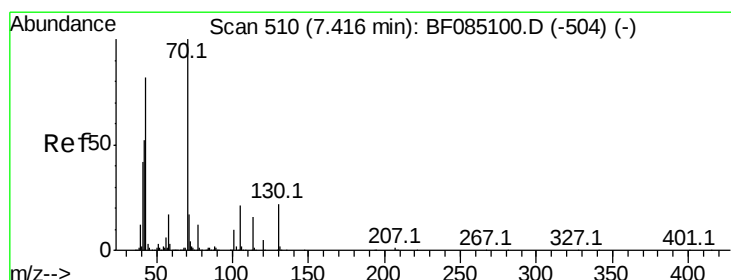
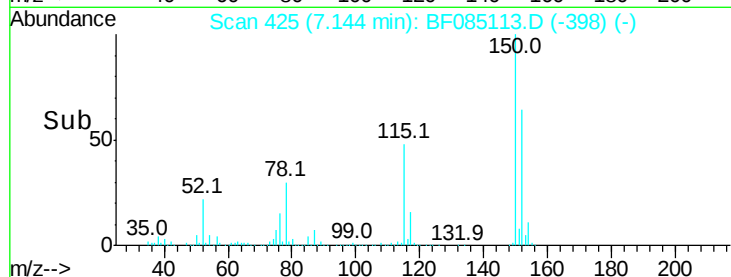
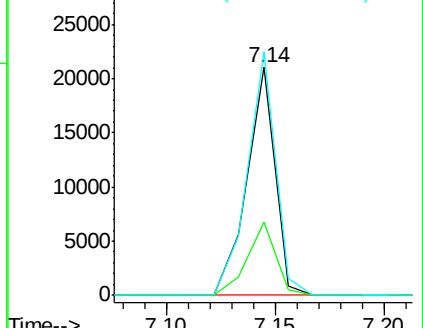
77 106.8 51.2 76.8#



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: 14.58 ng

RT: 7.54 min Scan# 460

Delta R.T. 0.13 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Tgt Ion: 70 Resp: 131380

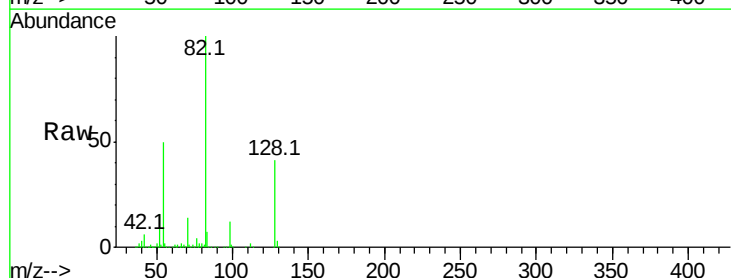
Ion Ratio Lower Upper

70 100

42 46.0 41.9 62.9

101 0.0 7.8 11.8#

130 2.3 17.2 25.8#

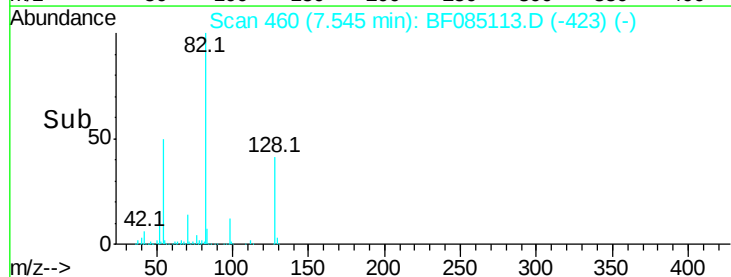
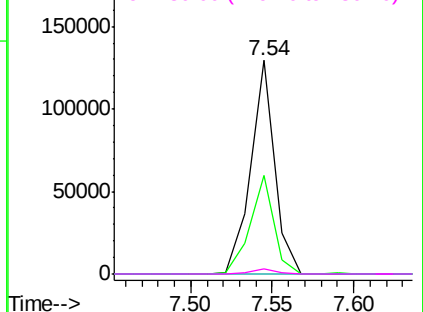


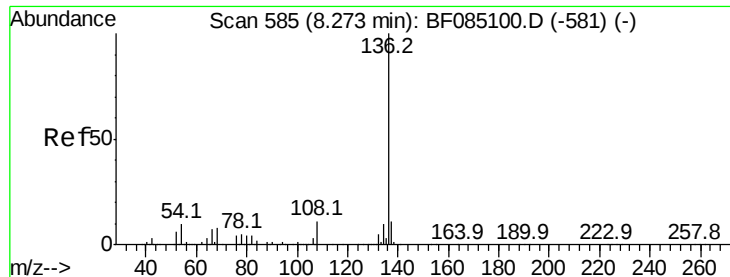
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

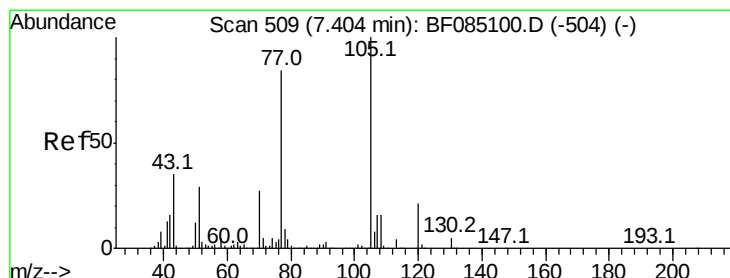
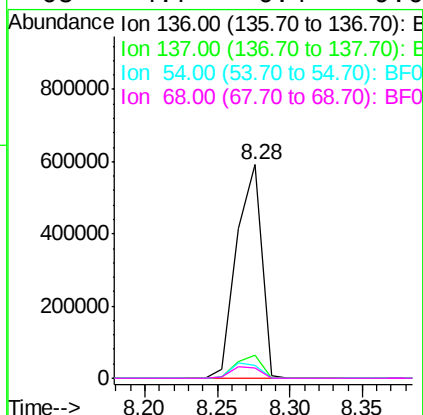
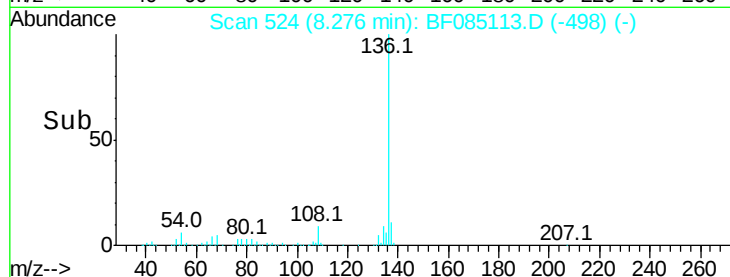
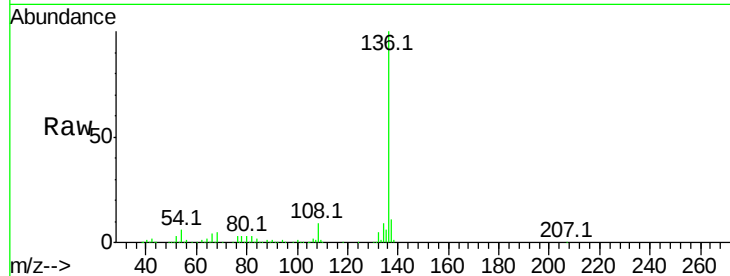




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085113.D
Acq: 2 Mar 2016 12:19

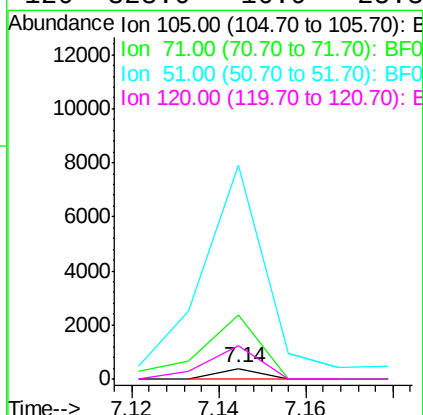
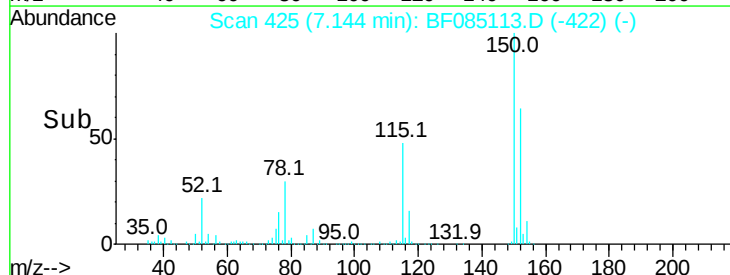
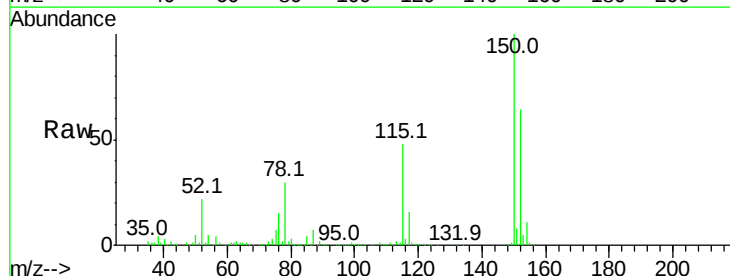
Instrument :
BNA_F
ClientSampleId :

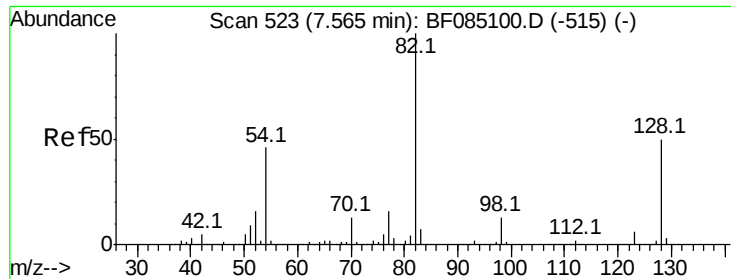
Tot Ion:136	Resp:	711795
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.1 13.7
54	5.8	8.5 12.7#
68	4.7	6.4 9.6#



#22
Acetophenone
Concen: 0.01 ng
RT: 7.14 min Scan# 425
Delta R.T. -0.26 min
Lab File: BF085113.D
Acq: 2 Mar 2016 12:19

Tgt Ion:105	Resp:	263
Ion Ratio	Lower	Upper
105	100	
71	618.0	3.8 5.6#
51	2063.2	22.9 34.3#
120	323.0	16.9 25.3#

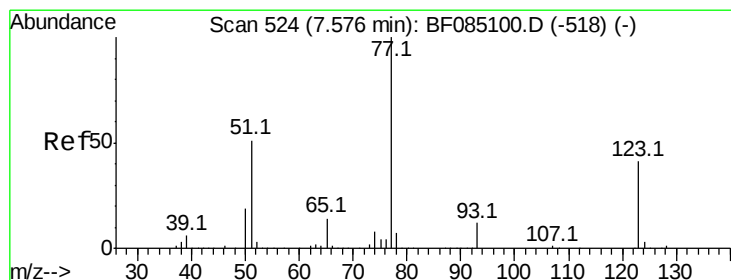
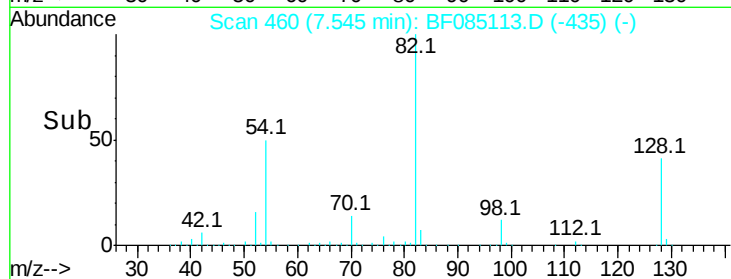
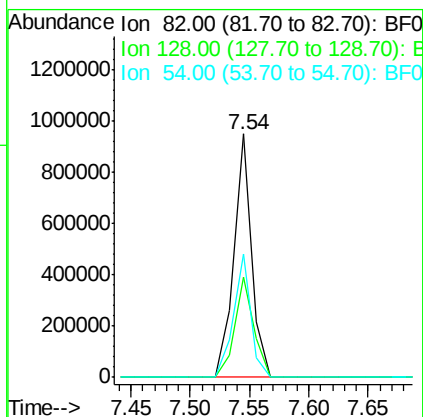
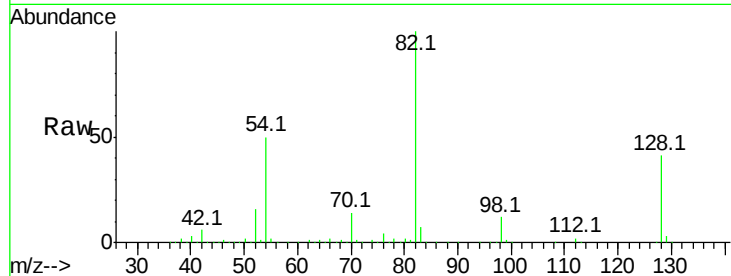




#23
 Nitrobenzene-d5
 Concen: 73.30 ng
 RT: 7.54 min Scan# 460
 Delta R.T. -0.02 min
 Lab File: BF085113.D
 Acq: 2 Mar 2016 12:19

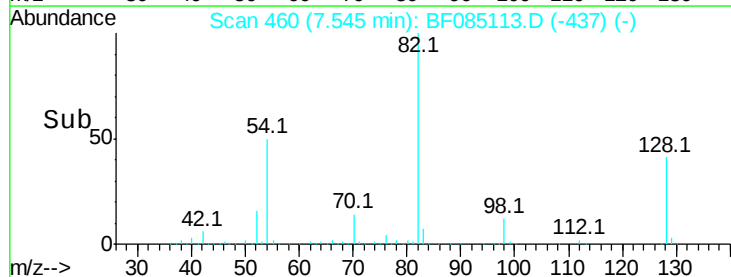
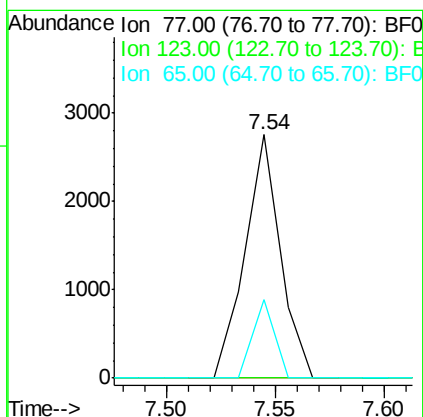
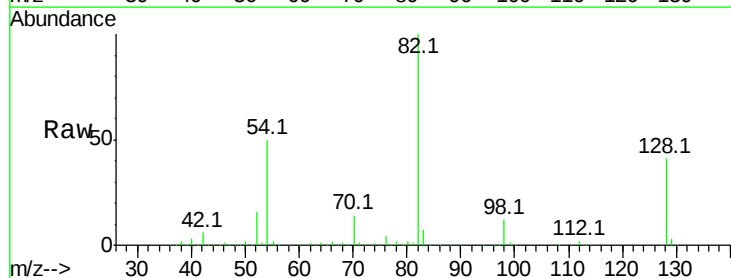
Instrument :
 BNA_F
 ClientSampled :

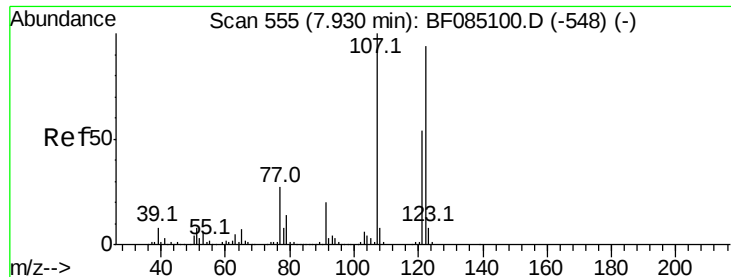
Tot Ion	82	Resp	980645
Ion Ratio	100	Lower	Upper
128	41.4	39.8	59.6
54	50.4	36.6	54.8



#24
 Nitrobenzene
 Concen: 0.22 ng
 RT: 7.54 min Scan# 460
 Delta R.T. -0.03 min
 Lab File: BF085113.D
 Acq: 2 Mar 2016 12:19

Tgt Ion	77	Resp	3108
Ion Ratio	100	Lower	Upper
123	0.0	33.4	50.2#
65	32.1	10.9	16.3#





#27

2,4-Dimethylphenol

Concen: 0.02 ng

RT: 7.94 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampled :

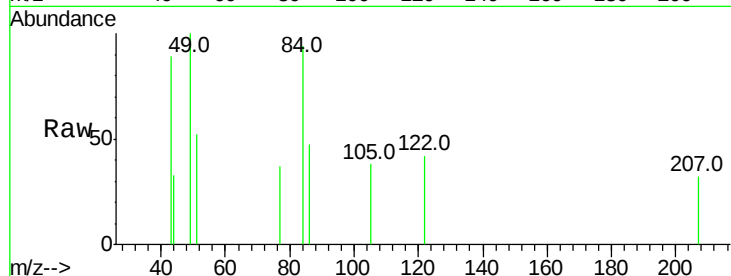
Tot Ion:122 Resp: 276

Ion Ratio Lower Upper

122 100

107 0.0 85.0 127.4#

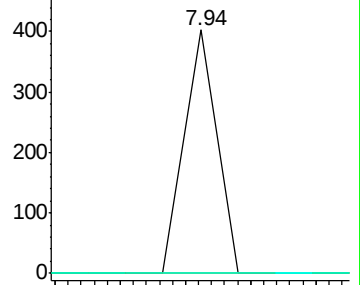
121 0.0 45.8 68.8#



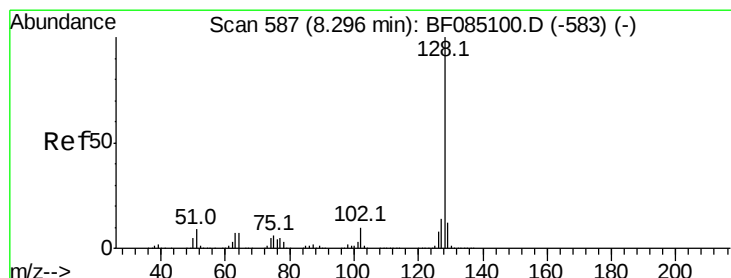
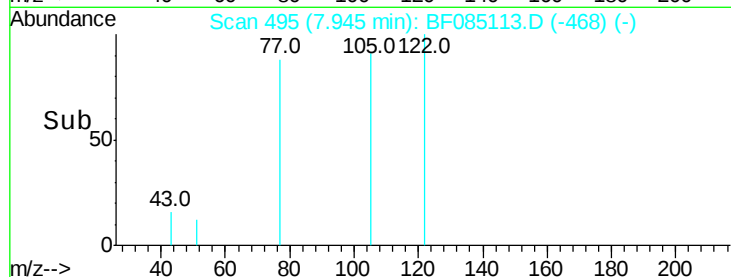
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time--> 7.90 7.92 7.94 7.96 7.98



#31

Naphthalene

Concen: 0.04 ng

RT: 8.38 min Scan# 533

Delta R.T. 0.08 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

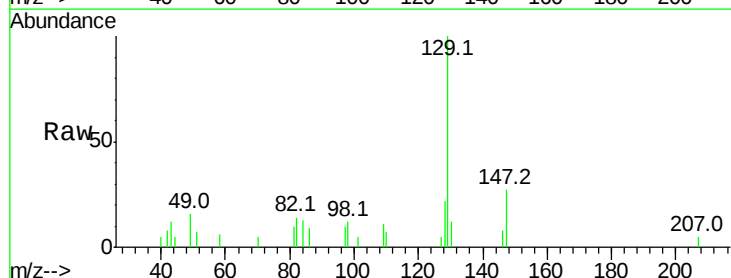
Tgt Ion:128 Resp: 1339

Ion Ratio Lower Upper

128 100

129 459.0 9.7 14.5#

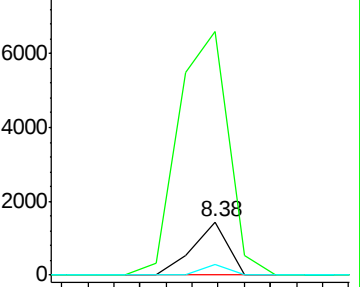
127 20.9 11.1 16.7#



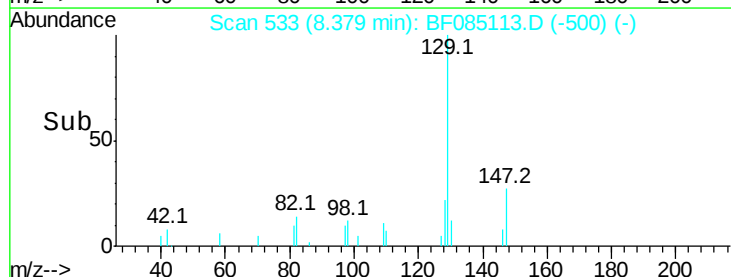
Abundance Ion 128.00 (127.70 to 128.70): E

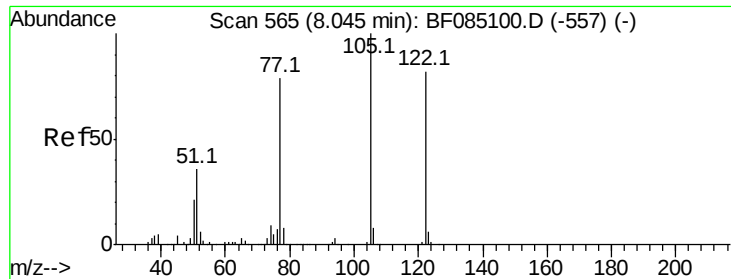
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time--> 8.35 8.40





#32

Benzoic acid

Concen: 12.43 ng

RT: 7.94 min Scan# 495

Delta R.T. -0.10 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampled :

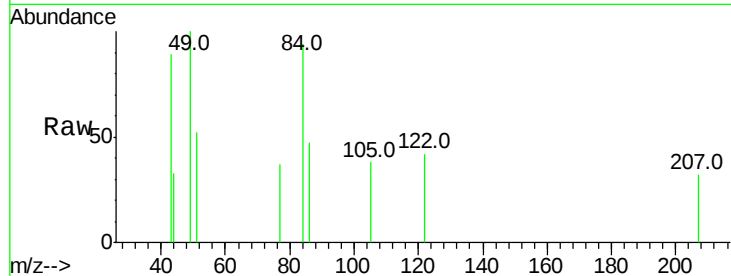
Tot Ion:122 Resp: 276

Ion Ratio Lower Upper

122 100

105 91.3 102.0 142.0#

77 87.8 76.8 116.8



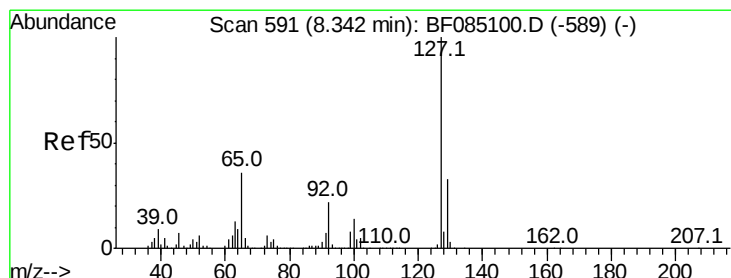
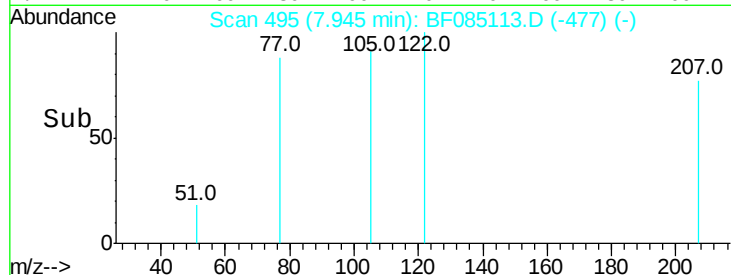
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

7.94

Time--> 7.90 7.92 7.94 7.96 7.98



#33

4-Chloroaniline

Concen: 0.01 ng

RT: 8.38 min Scan# 533

Delta R.T. 0.04 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Tgt Ion:127 Resp: 206

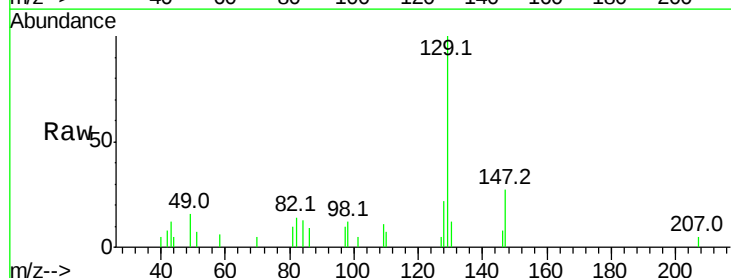
Ion Ratio Lower Upper

127 100

129 2198.7 26.3 39.5#

65 0.0 28.6 43.0#

92 0.0 17.8 26.8#



Abundance Ion 127.00 (126.70 to 127.70): E

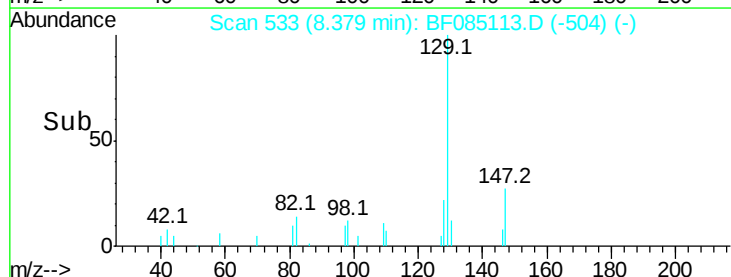
Ion 129.00 (128.70 to 129.70): E

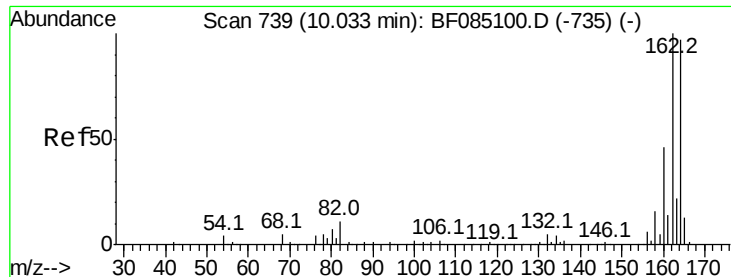
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

8.38

Time--> 8.34 8.36 8.38 8.40

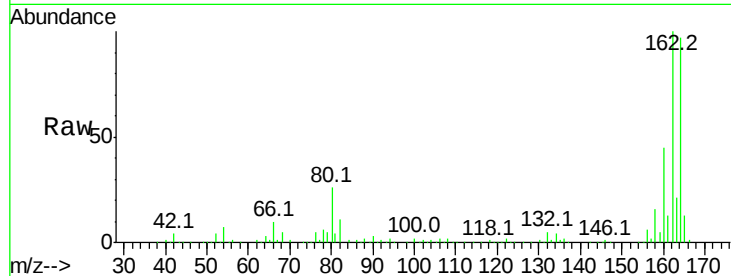




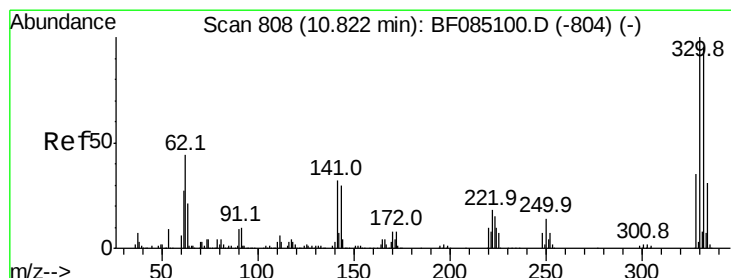
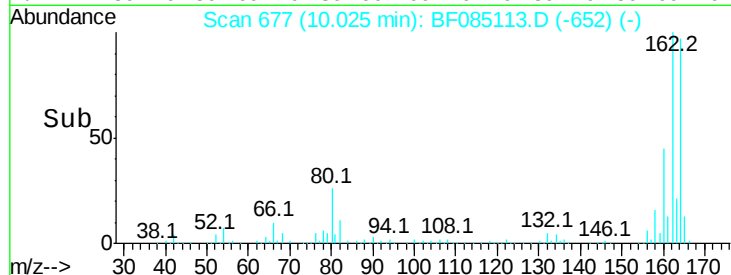
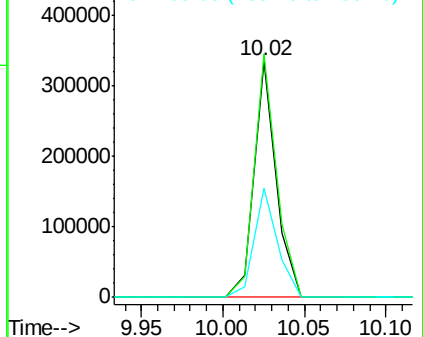
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF085113.D
Acq: 2 Mar 2016 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 314179
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 46.4 38.2 57.2

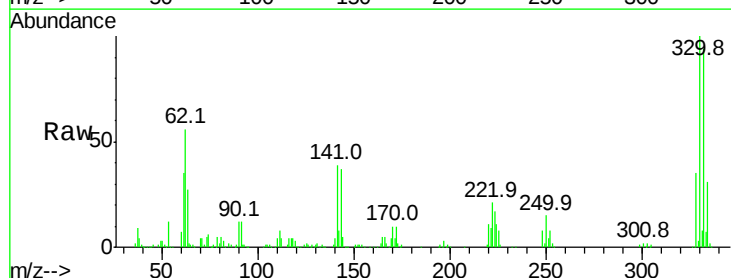


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

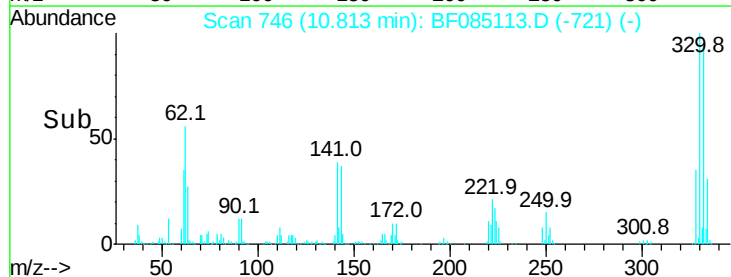
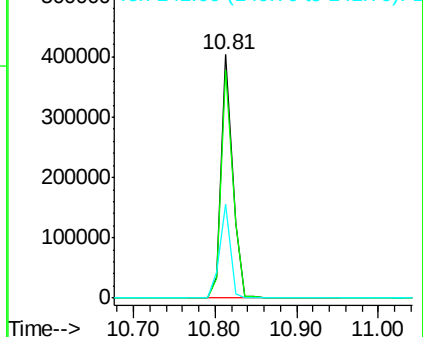


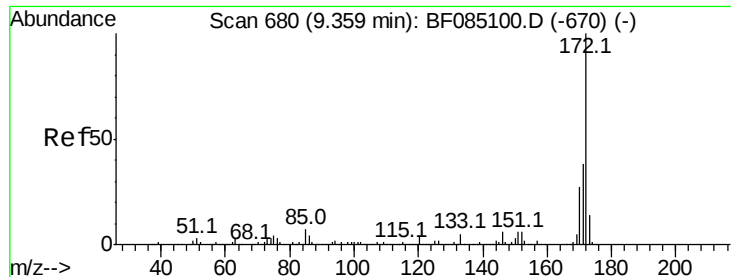
#41
2,4,6-Tribromophenol
Concen: 124.59 ng
RT: 10.81 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF085113.D
Acq: 2 Mar 2016 12:19

Tgt Ion:330 Resp: 393359
Ion Ratio Lower Upper
330 100
332 95.2 75.9 113.9
141 36.6 28.9 43.3



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: 84.28 ng

RT: 9.35 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampleId :

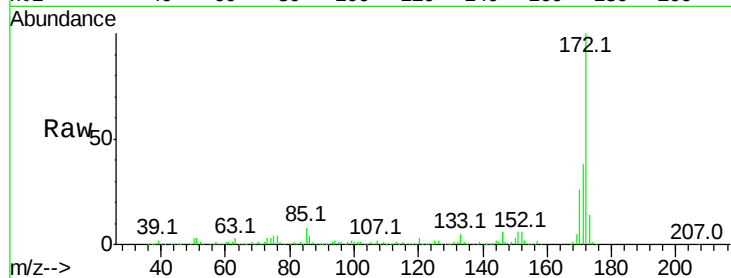
Tot Ion:172 Resp: 1797981

Ion Ratio Lower Upper

172 100

171 37.6 30.5 45.7

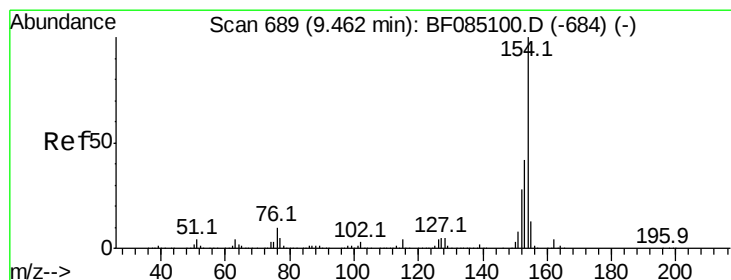
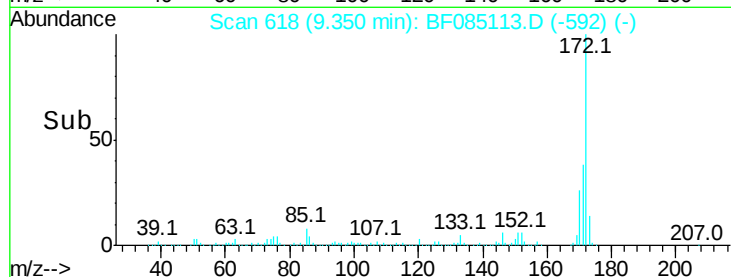
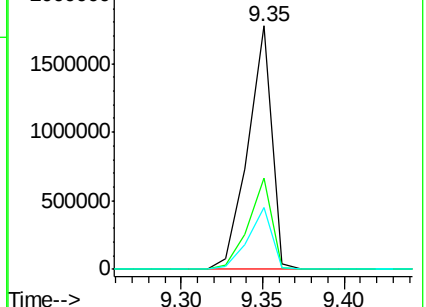
170 25.5 21.2 31.8



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



#45

1,1'-Biphenyl

Concen: 0.14 ng

RT: 9.35 min Scan# 618

Delta R.T. -0.11 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

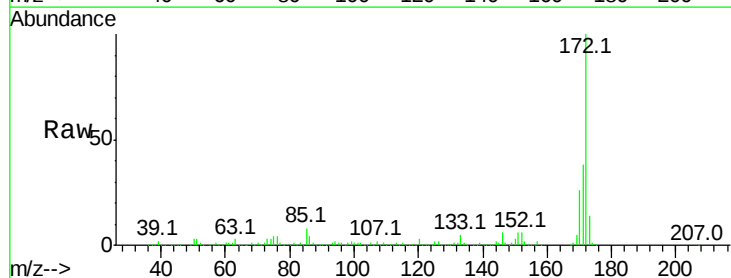
Tgt Ion:154 Resp: 4014

Ion Ratio Lower Upper

154 100

153 941.4 21.5 61.5#

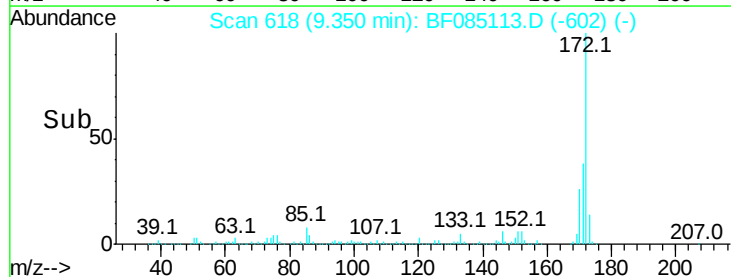
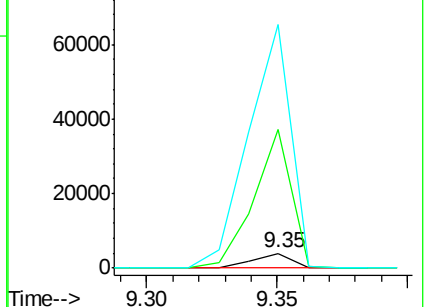
76 1647.6 0.0 29.7#

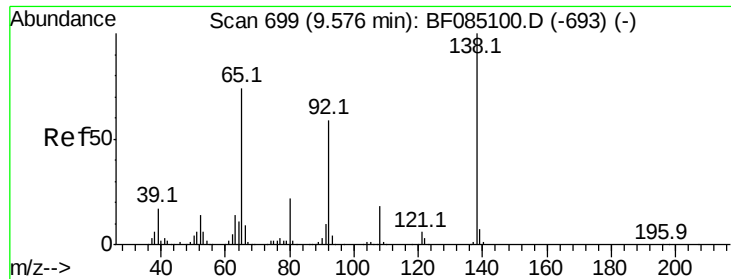


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#47

2-Nitroaniline

Concen: 0.55 ng

RT: 9.35 min Scan# 618

Delta R.T. -0.23 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampled :

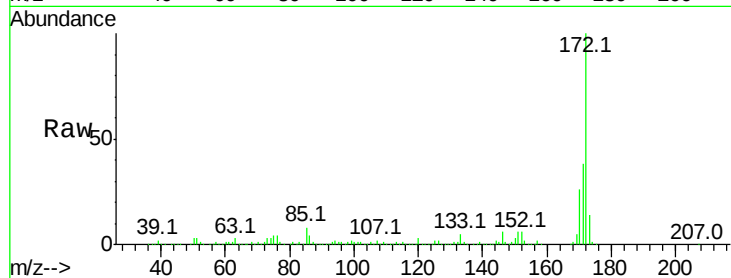
Tot Ion: 65 Resp: 3493

Ion Ratio Lower Upper

65 100

92 223.3 63.8 95.6#

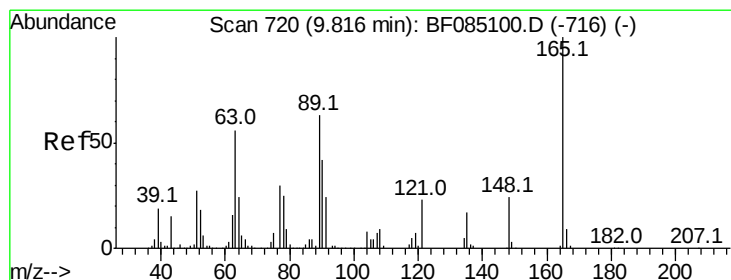
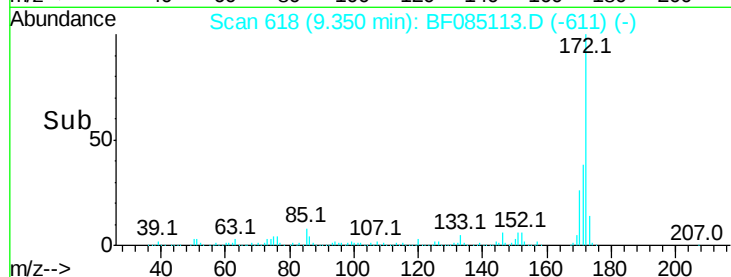
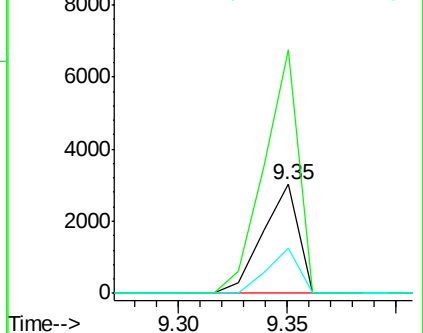
138 41.5 108.5 162.7#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#50

2,6-Dinitrotoluene

Concen: 8.35 ng

RT: 10.02 min Scan# 677

Delta R.T. 0.21 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

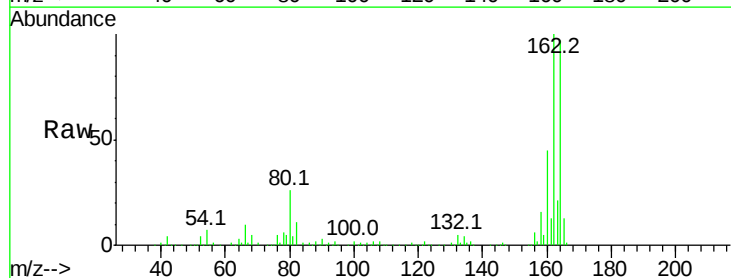
Tgt Ion:165 Resp: 40337

Ion Ratio Lower Upper

165 100

63 1.3 47.4 71.2#

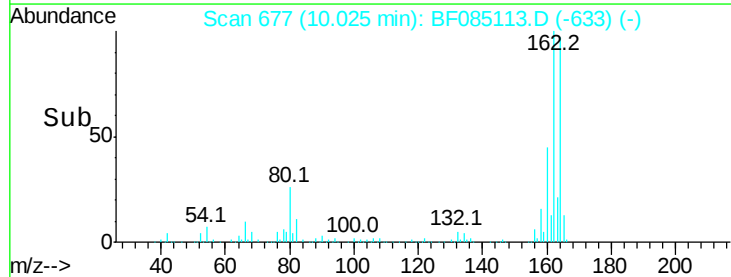
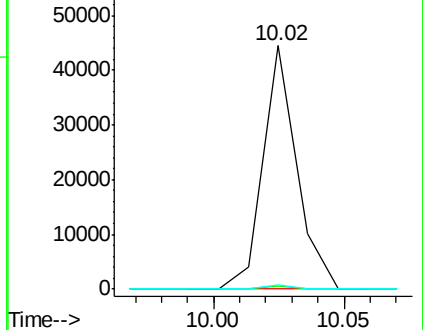
89 1.5 50.2 75.2#

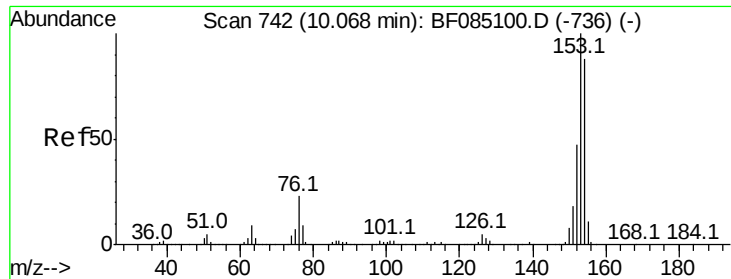


Abundance Ion 165.00 (164.70 to 165.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.06 ng

RT: 10.02 min Scan# 677

Delta R.T. -0.04 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampleId :

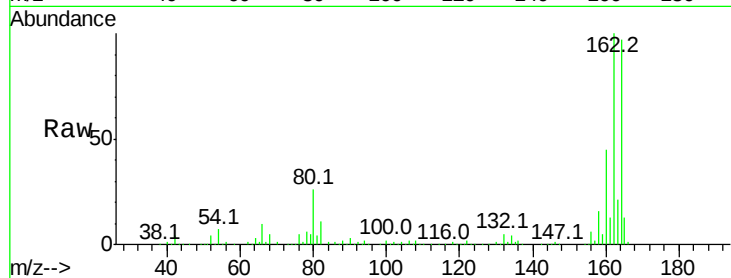
Tot Ion:154 Resp: 1221

Ion Ratio Lower Upper

154 100

153 0.0 91.0 136.6#

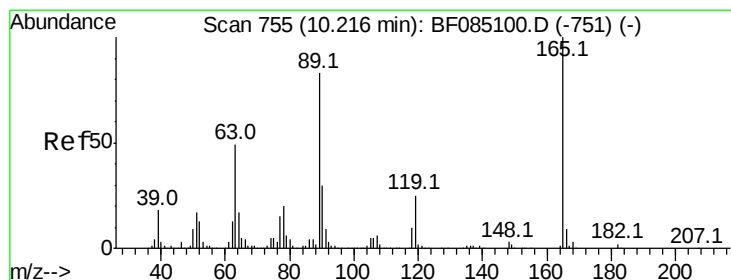
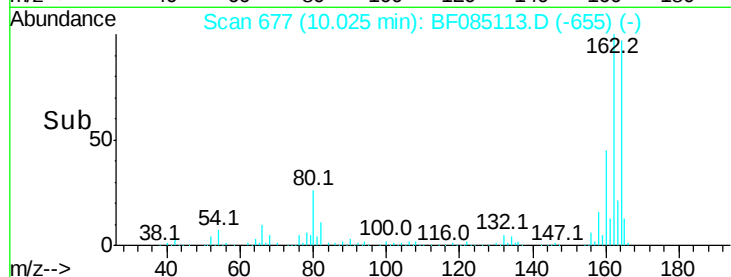
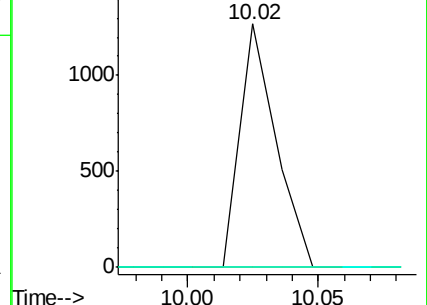
152 0.0 43.0 64.6#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 6.20 ng

RT: 10.02 min Scan# 677

Delta R.T. -0.19 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Tgt Ion:165 Resp: 40329

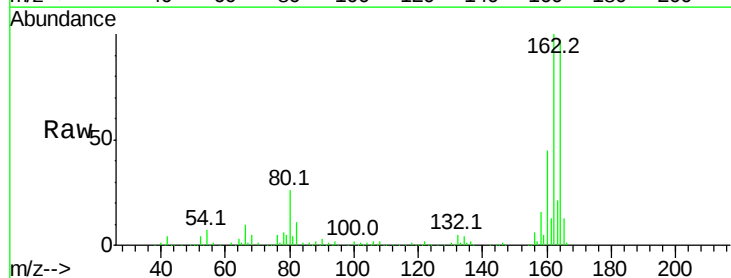
Ion Ratio Lower Upper

165 100

63 1.3 39.2 58.8#

89 1.5 66.2 99.4#

182 0.0 1.8 2.8#

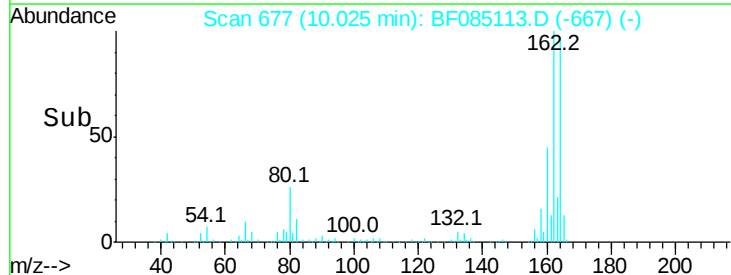
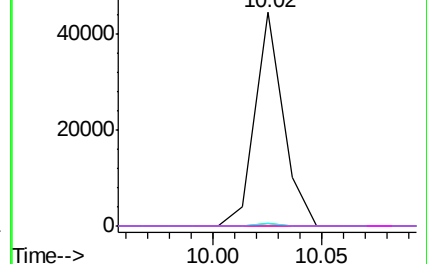


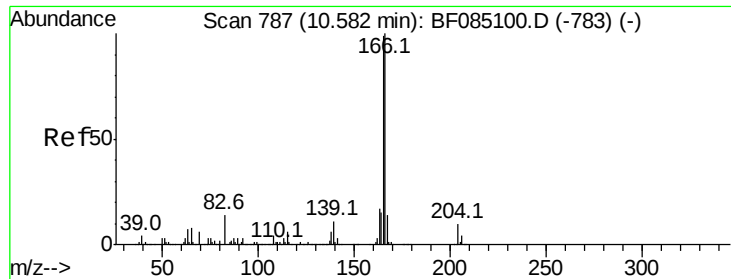
Abundance Ion 165.00 (164.70 to 165.70): E

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

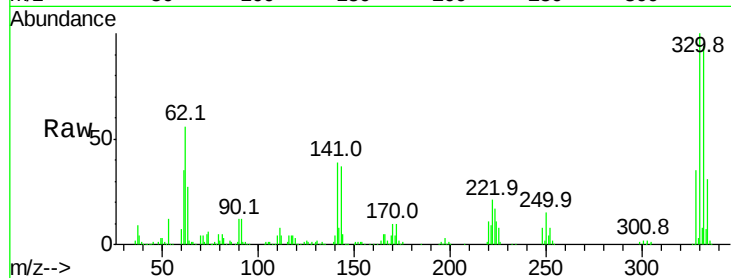




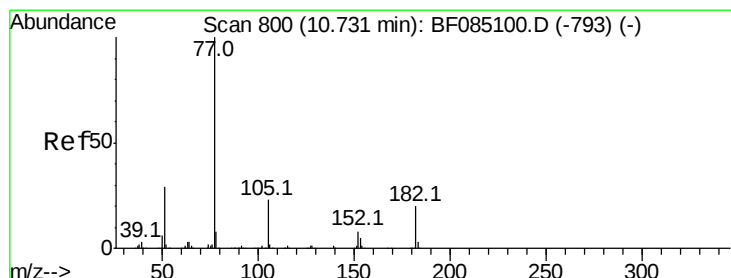
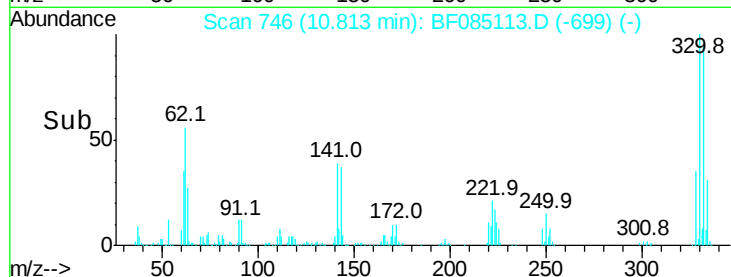
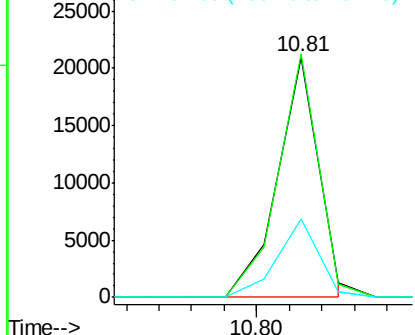
#57
 Fluorene
 Concen: 0.95 ng
 RT: 10.81 min Scan# 746
 Delta R.T. 0.23 min
 Lab File: BF085113.D
 Acq: 2 Mar 2016 12:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.4	119.2
167	32.8	11.2	16.8#



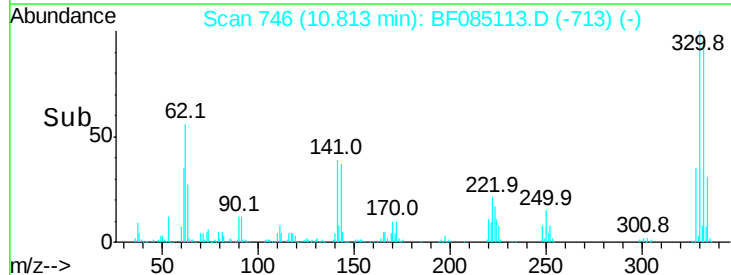
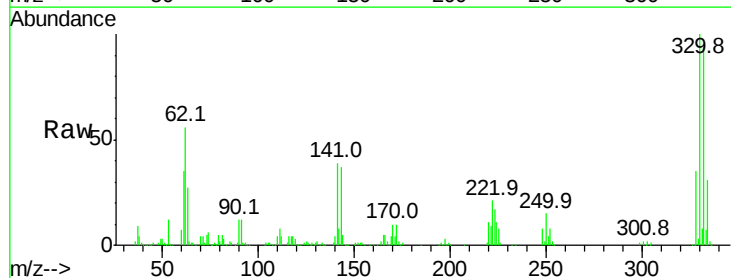
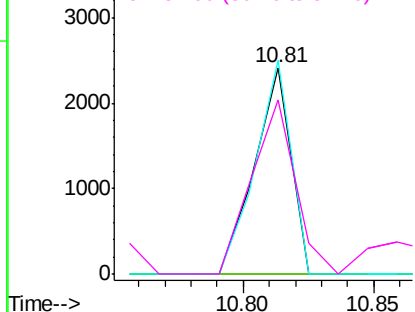
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

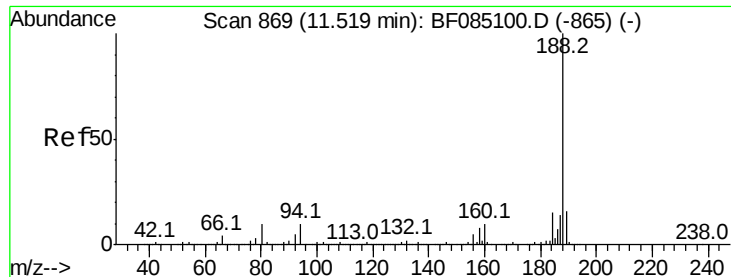


#62
 Azobenzene
 Concen: 0.10 ng
 RT: 10.81 min Scan# 746
 Delta R.T. 0.08 min
 Lab File: BF085113.D
 Acq: 2 Mar 2016 12:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	39.8
105	103.3	2.7	42.7#
51	84.2	9.4	49.4#

Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 182.00 (181.70 to 182.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampleId :

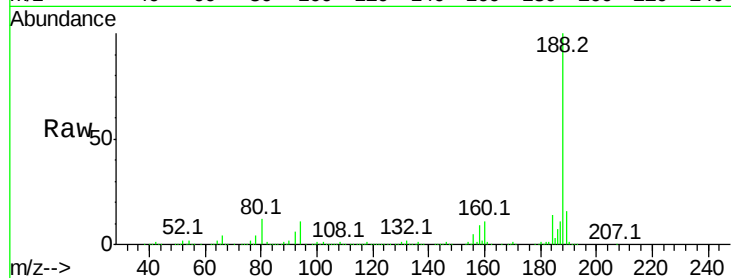
Tot Ion:188 Resp: 639154

Ion Ratio Lower Upper

188 100

94 11.2 7.8 11.6

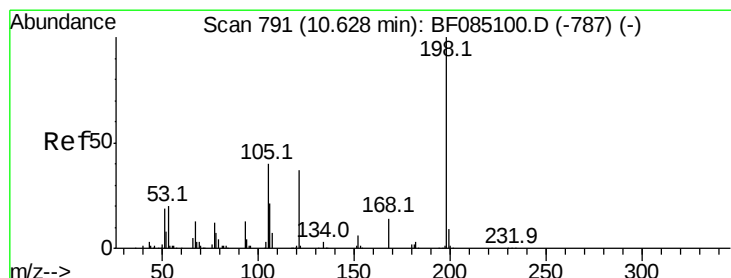
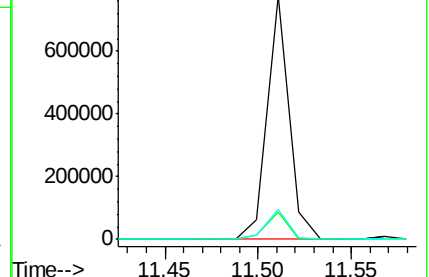
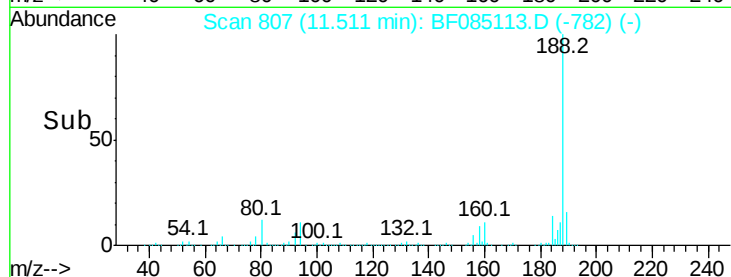
80 12.0 8.2 12.4



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



#64

4,6-Dinitro-2-methylphenol

Concen: 7.39 ng

RT: 10.81 min Scan# 746

Delta R.T. 0.19 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

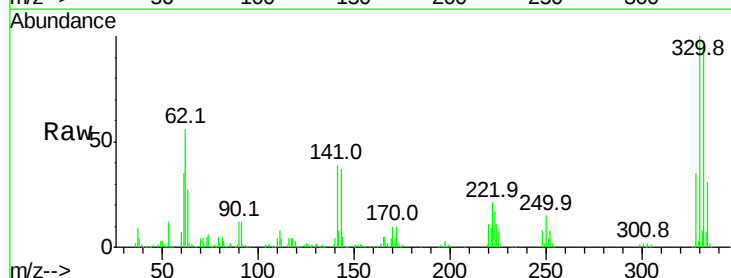
Tgt Ion:198 Resp: 827

Ion Ratio Lower Upper

198 100

51 168.9 12.5 52.5#

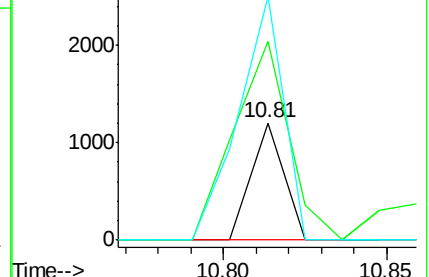
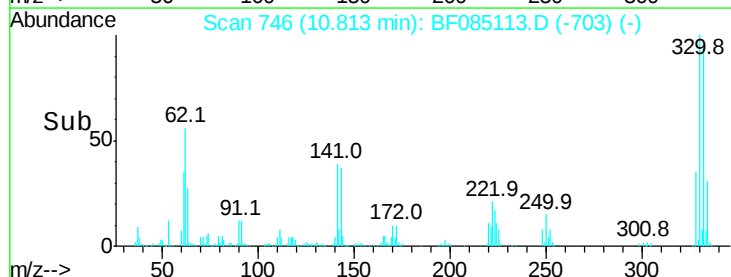
105 207.3 20.2 60.2#

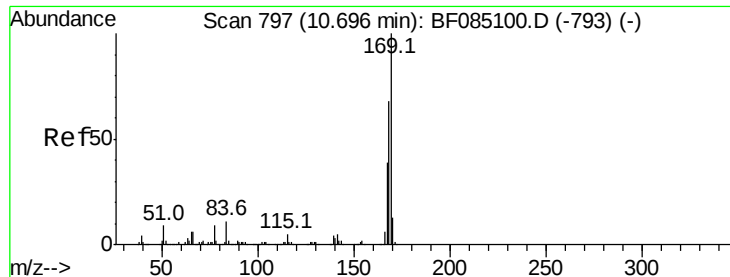


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 0.65 ng

RT: 10.81 min Scan# 746

Delta R.T. 0.12 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampleId :

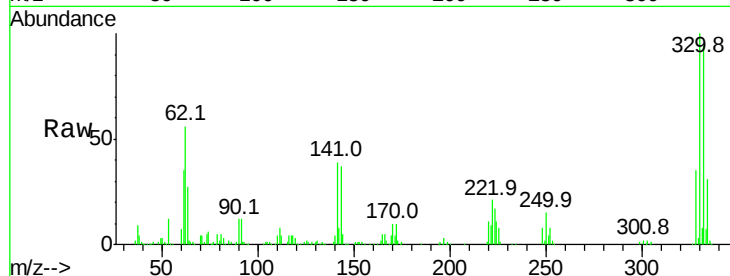
Tot Ion:169 Resp: 13072

Ion Ratio Lower Upper

169 100

168 8.8 54.6 81.8#

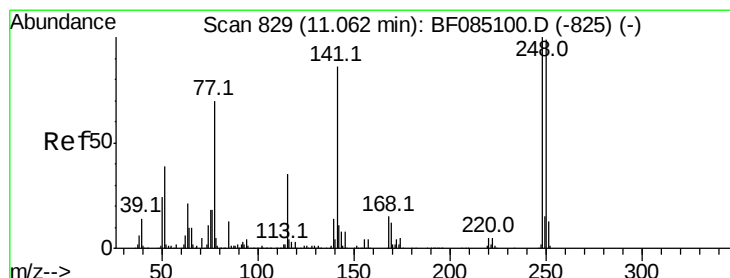
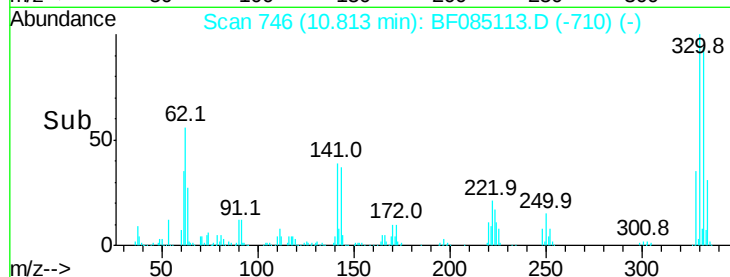
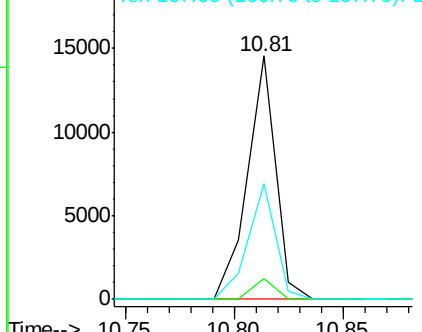
167 47.2 30.8 46.2#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.98 ng

RT: 10.81 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

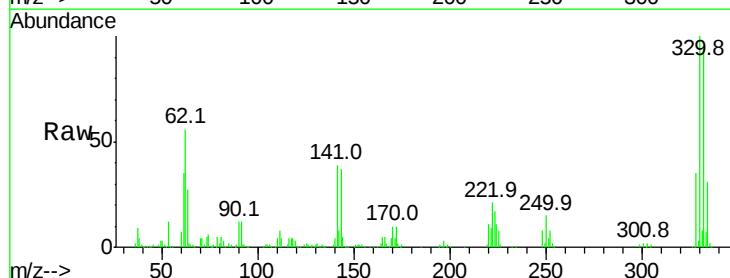
Tgt Ion:248 Resp: 26701

Ion Ratio Lower Upper

248 100

250 193.8 79.0 118.4#

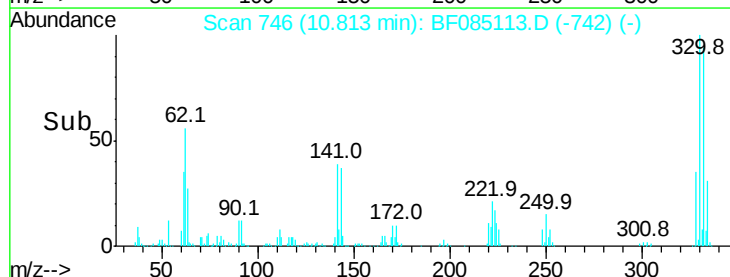
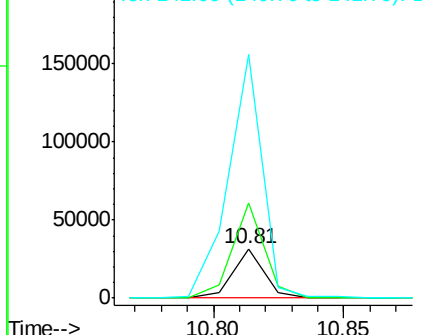
141 495.5 68.6 103.0#

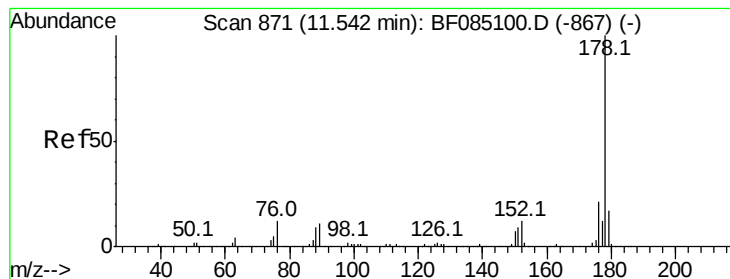


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 0.01 ng

RT: 11.51 min Scan# 807

Delta R.T. -0.03 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampleId :

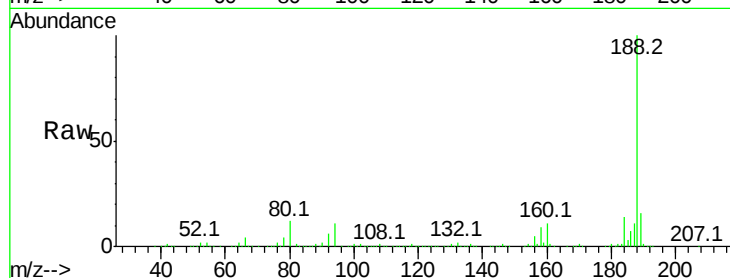
Tot Ion:178 Resp: 243

Ion Ratio Lower Upper

178 100

176 0.0 17.0 25.6#

179 169.5 13.3 19.9#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

800

600

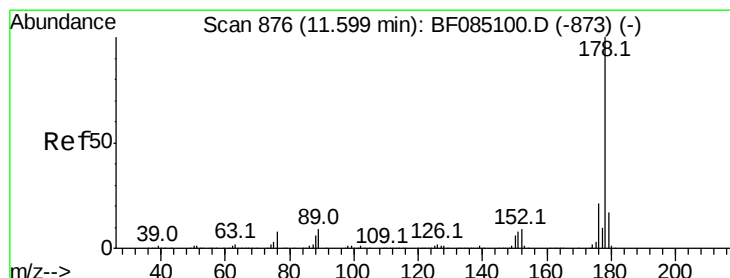
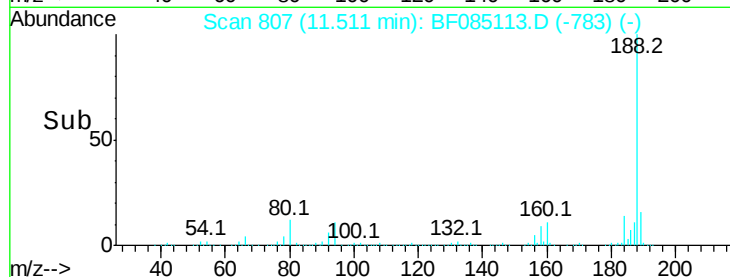
400

200

0

11.51

Time-->



#71

Anthracene

Concen: 0.01 ng

RT: 11.51 min Scan# 807

Delta R.T. -0.09 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

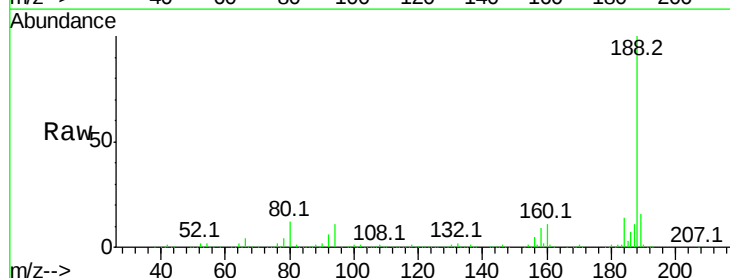
Tgt Ion:178 Resp: 243

Ion Ratio Lower Upper

178 100

176 0.0 16.6 25.0#

179 169.5 13.2 19.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

800

600

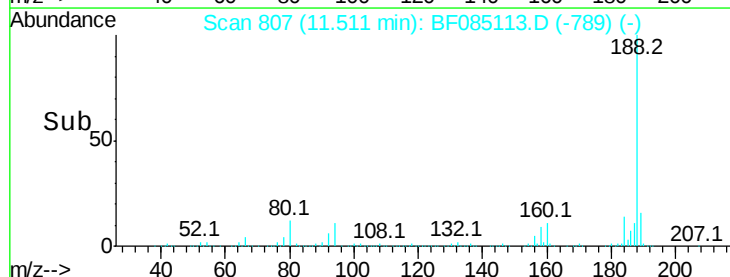
400

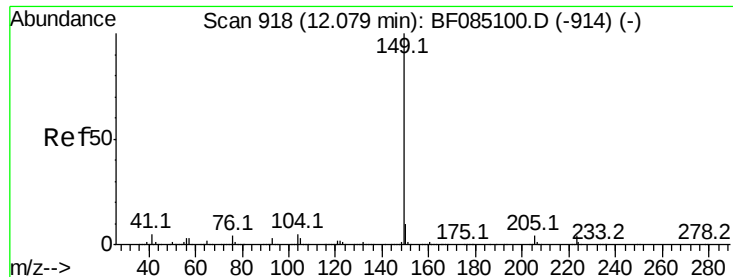
200

0

11.51

Time-->





#73

Di-n-butylphthalate

Concen: 0.01 ng

RT: 12.07 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampleId :

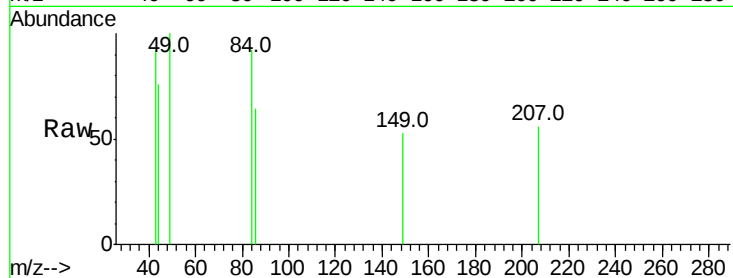
Tot Ion:149 Resp: 220

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

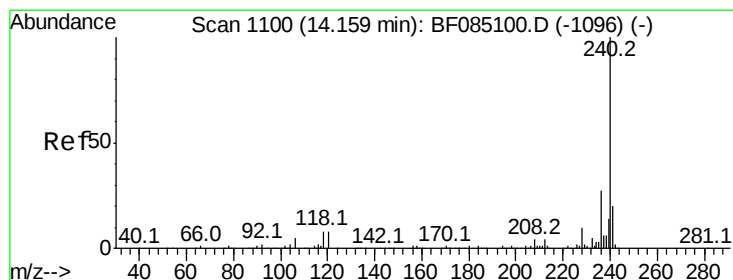
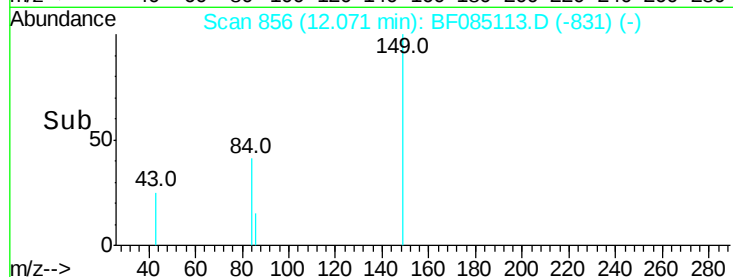
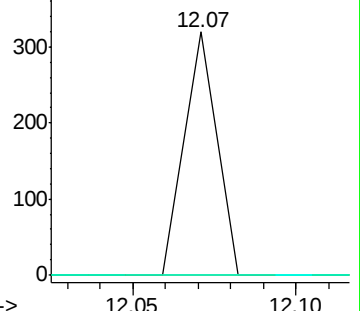
104 0.0 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

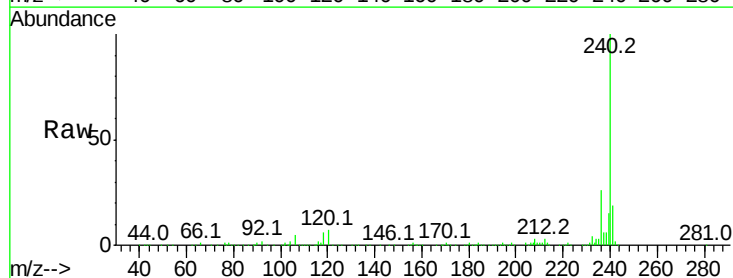
Tgt Ion:240 Resp: 550971

Ion Ratio Lower Upper

240 100

120 6.9 6.7 10.1

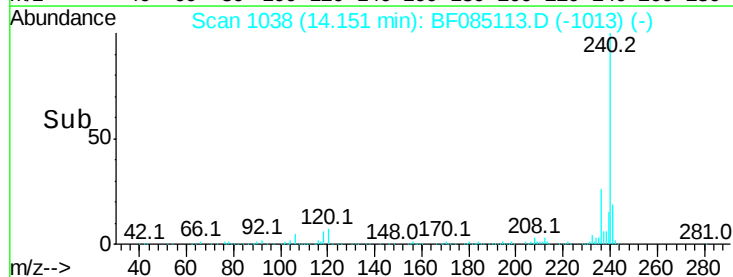
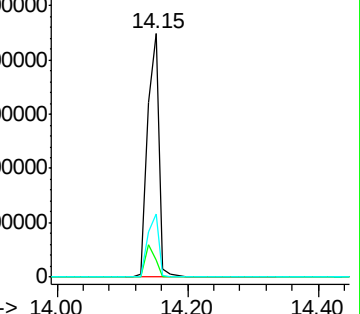
236 26.1 21.6 32.4

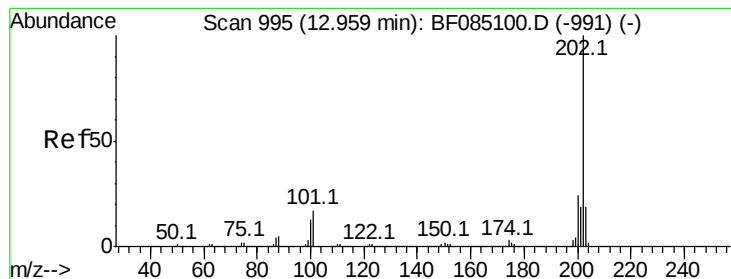


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 0.18 ng

RT: 13.10 min Scan# 946

Delta R.T. 0.14 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampleId :

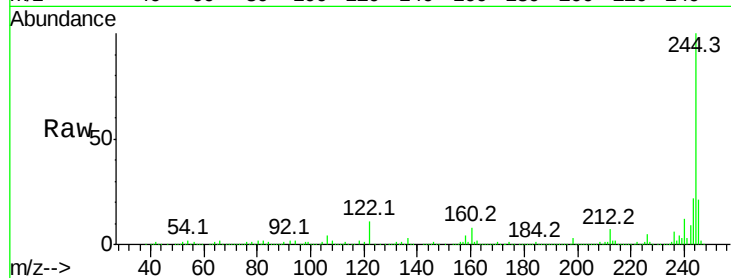
Tot Ion:202 Resp: 6850

Ion Ratio Lower Upper

202 100

200 47.4 19.0 28.6#

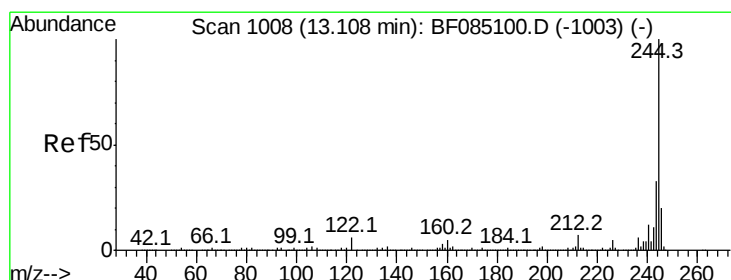
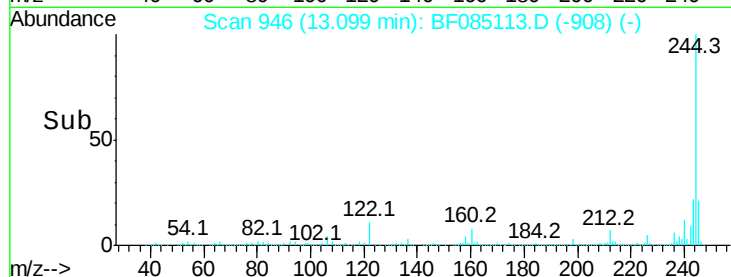
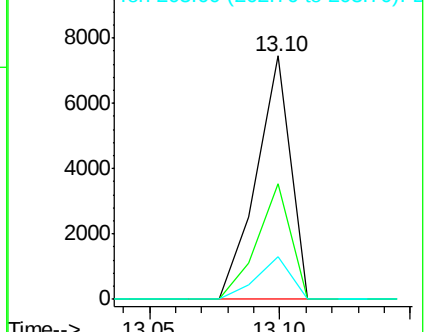
203 17.4 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.88 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

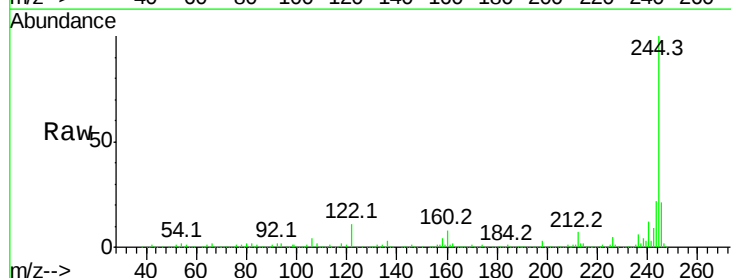
Tgt Ion:244 Resp: 1899609

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

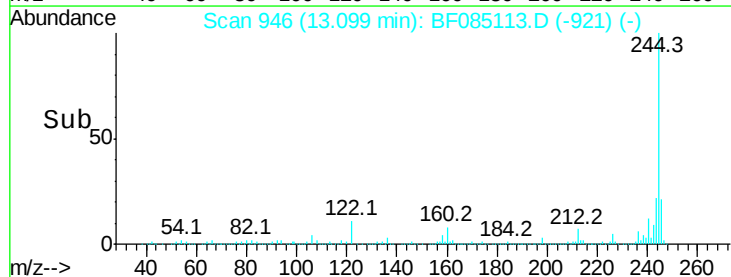
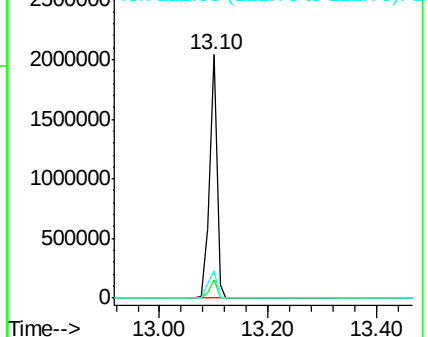
122 11.4 5.1 7.7#

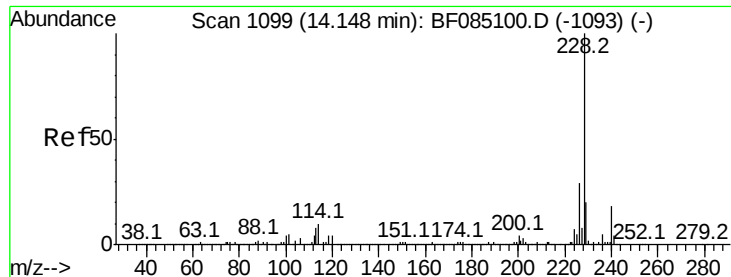


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.04 ng

RT: 14.15 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

Instrument :

BNA_F

ClientSampled :

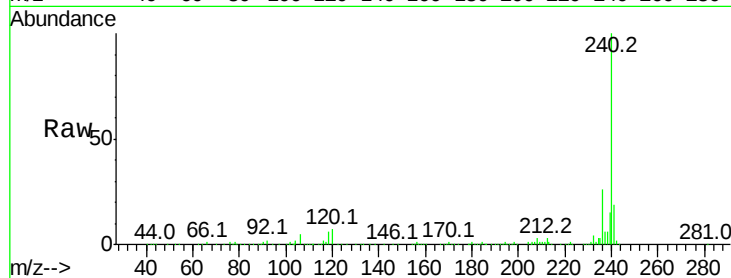
Tot Ion:228 Resp: 1422

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.4#

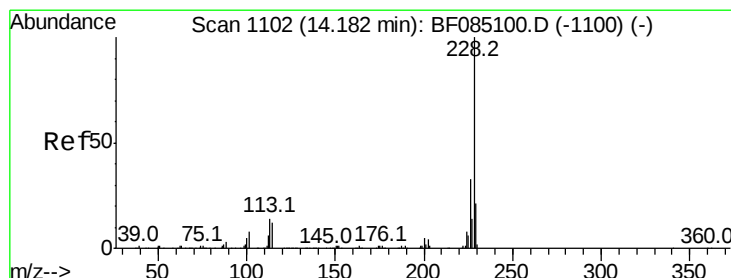
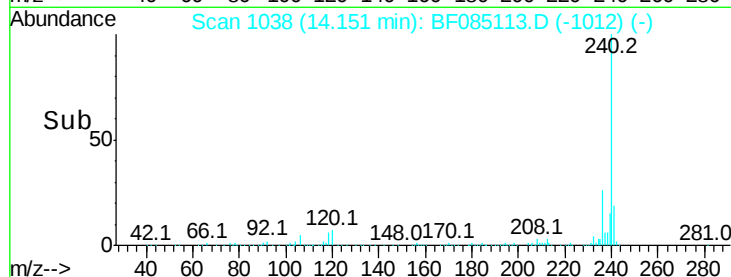
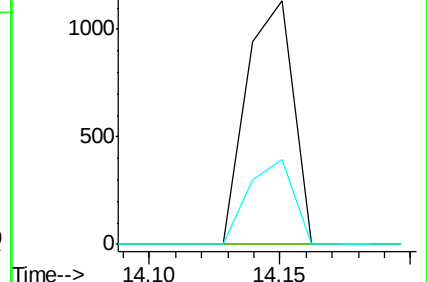
229 34.7 16.1 24.1#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 0.05 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF085113.D

Acq: 2 Mar 2016 12:19

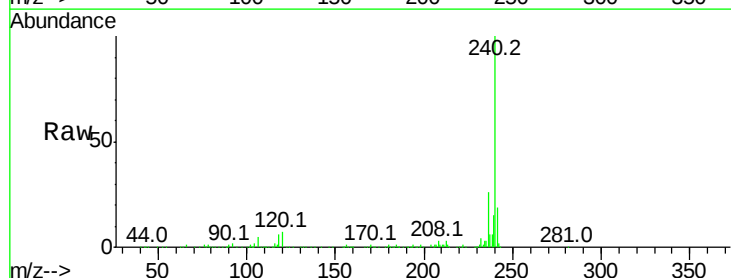
Tgt Ion:228 Resp: 1422

Ion Ratio Lower Upper

228 100

226 0.0 26.2 39.4#

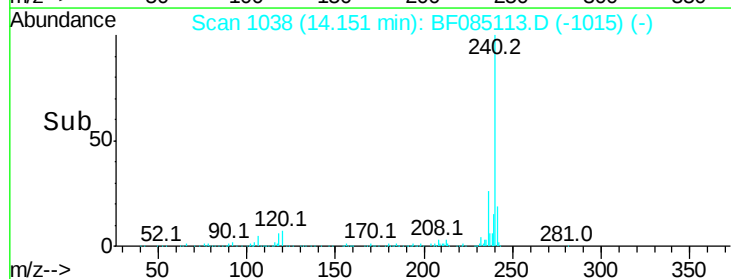
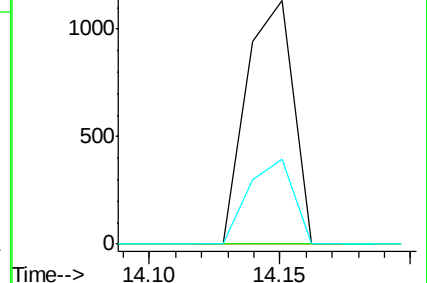
229 34.7 16.5 24.7#

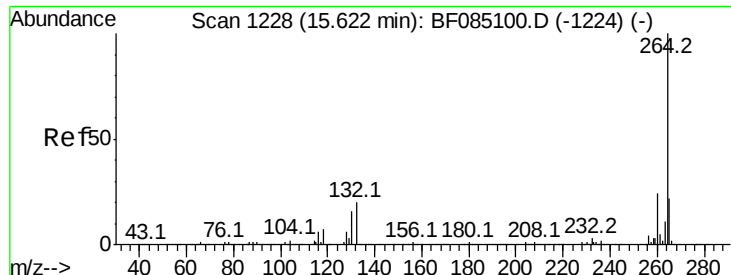


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

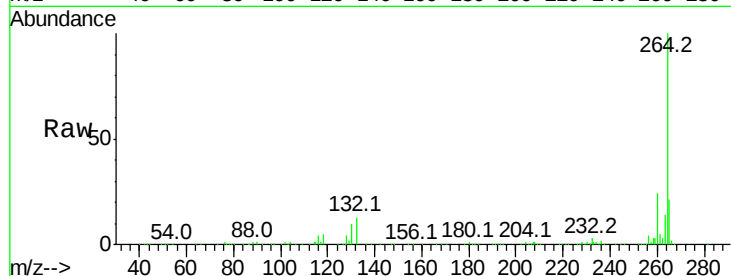




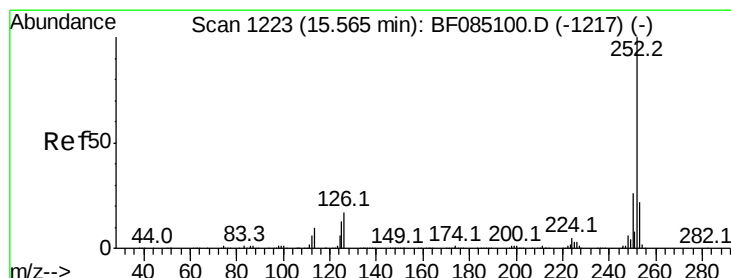
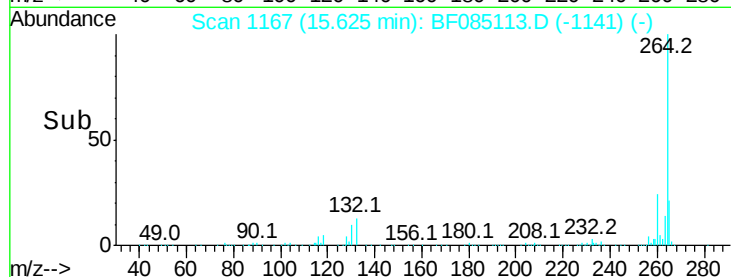
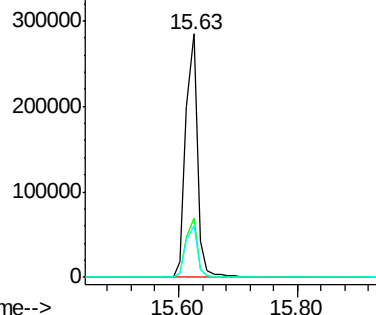
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF085113.D
Acq: 2 Mar 2016 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 391292
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.3 17.4 26.2

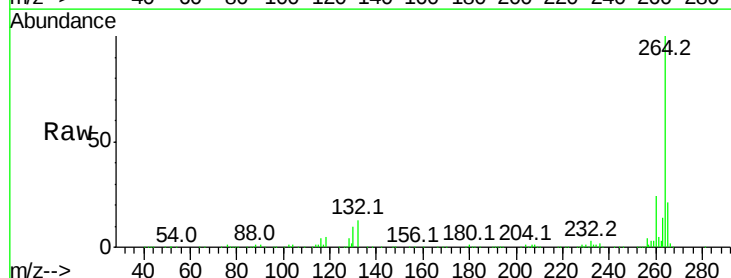


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#89
Benzo(a)pyrene
Concen: 0.06 ng
RT: 15.63 min Scan# 1167
Delta R.T. 0.06 min
Lab File: BF085113.D
Acq: 2 Mar 2016 12:19

Tgt Ion:252 Resp: 1256
Ion Ratio Lower Upper
252 100
253 30.6 18.0 27.0#
125 0.0 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

