

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085132.D
 Acq On : 2 Mar 2016 21:15
 Operator : SJ/IZ
 Sample : PB88622TB
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:47:23 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	7.00	152	157395	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	703337	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	312302	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	538014	20.00	ng	0.00
75) Chrysene-d12	14.15	240	348617	20.00	ng	0.00
86) Perylene-d12	15.63	264	366128	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1215246	125.35	ng	0.01
7) Phenol-d6	6.62	99	1701426	133.87	ng	0.00
23) Nitrobenzene-d5	7.56	82	1058628	80.08	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	420611	134.02	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1517281	71.55	ng	0.00
78) Terphenyl-d14	13.10	244	1360092	91.52	ng	0.00

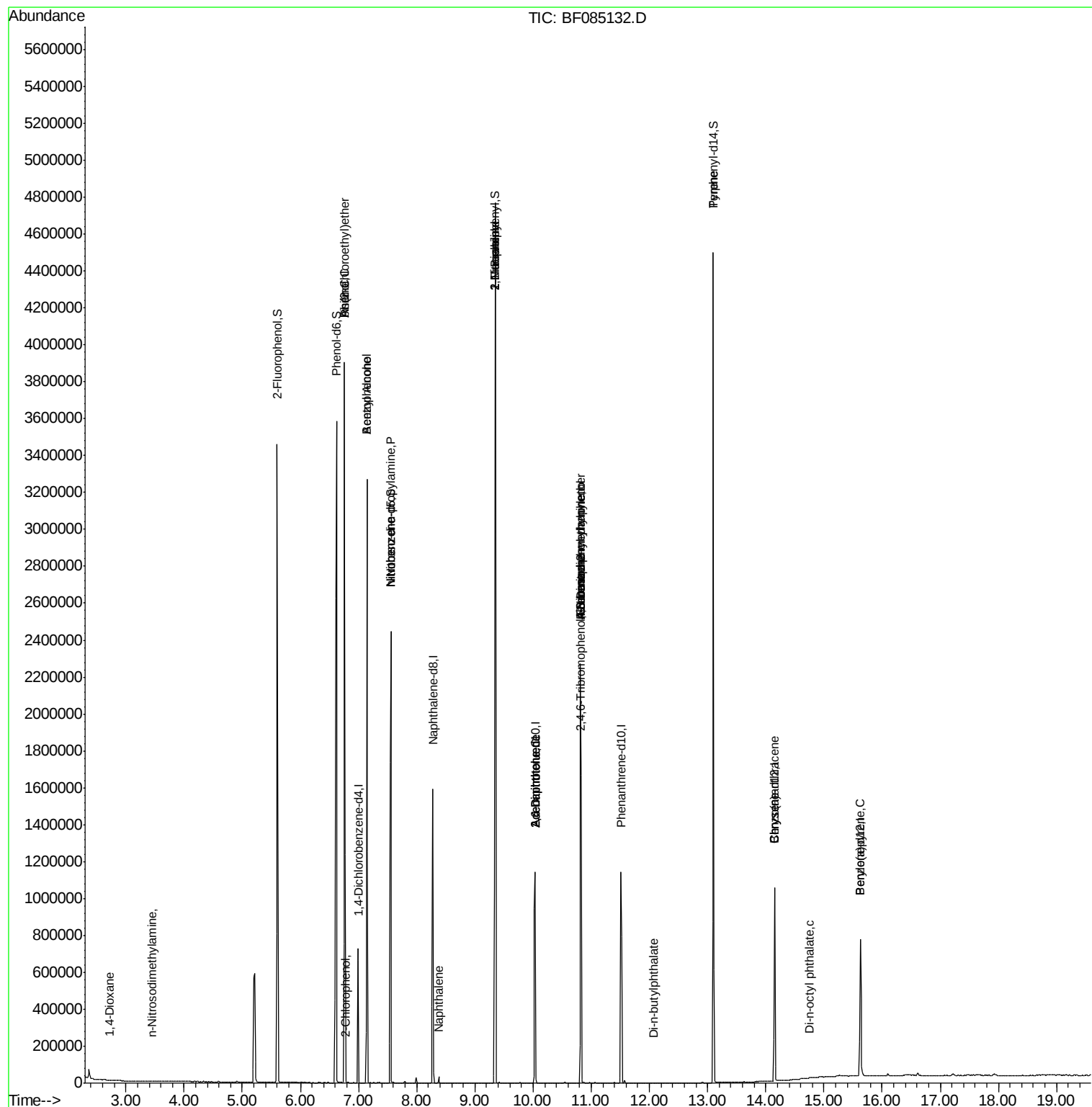
Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	429	0.09	ng	# 22
4) n-Nitrosodimethylamine	3.44	42	223	0.04	ng	# 1
6) Aniline	6.76	93	1847	0.10	ng	# 1
8) 2-Chlorophenol	6.78	128	791	0.07	ng	# 65
9) Benzaldehyde	6.62	77	2403	Below Cal		# 4
10) Phenol	6.76	94	2438	0.17	ng	# 1
11) bis(2-Chloroethyl)ether	6.76	93	1847	0.16	ng	# 1
15) Benzyl Alcohol	7.14	79	15865	1.71	ng	# 47
19) n-Nitroso-di-n-propylamine	7.56	70	140351	16.76	ng	# 76
22) Acetophenone	7.14	105	221	0.01	ng	# 1
24) Nitrobenzene	7.56	77	2893	0.21	ng	# 39
31) Naphthalene	8.38	128	1304	0.04	ng	# 1
45) 1,1'-Biphenyl	9.35	154	3147	0.11	ng	# 1
47) 2-Nitroaniline	9.35	65	2600	0.41	ng	# 1
50) 2,6-Dinitrotoluene	10.04	165	39247	8.17	ng	# 22
51) Acenaphthene	10.04	154	1191	0.06	ng	# 4
56) 2,4-Dinitrotoluene	10.04	165	39247	6.07	ng	# 19
57) Fluorene	10.81	166	15232	0.79	ng	# 93
62) Azobenzene	10.81	77	1557	0.07	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.81	198	930	7.45	ng	# 1
65) n-Nitrosodiphenylamine	10.81	169	10502	0.62	ng	# 46
66) 4-Bromophenyl-phenylether	10.81	248	24041	4.26	ng	# 1
73) Di-n-butylphthalate	12.07	149	351	0.01	ng	# 78
77) Pyrene	13.10	202	4599	0.19	ng	# 69
80) Benzo(a)anthracene	14.15	228	828	0.04	ng	# 53
82) Chrysene	14.15	228	828	0.04	ng	# 50
84) Di-n-octyl phthalate	14.75	149	270	0.02	ng	# 1
89) Benzo(a)pyrene	15.63	252	1064	0.06	ng	# 38

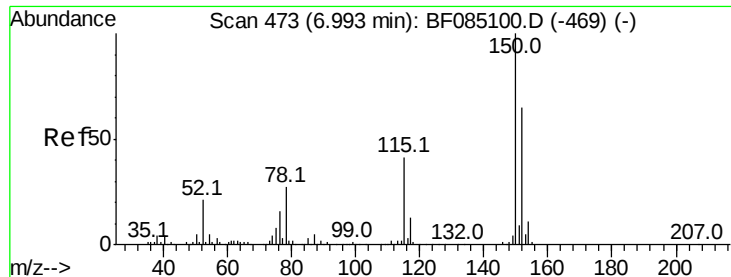
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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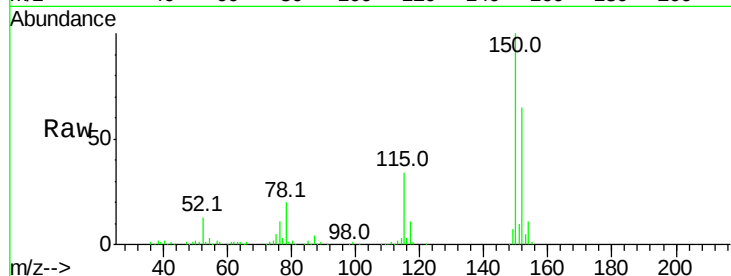


#1

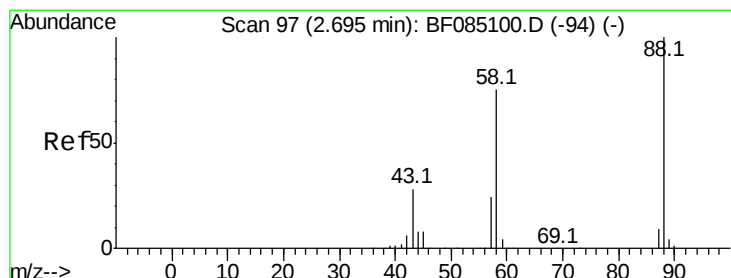
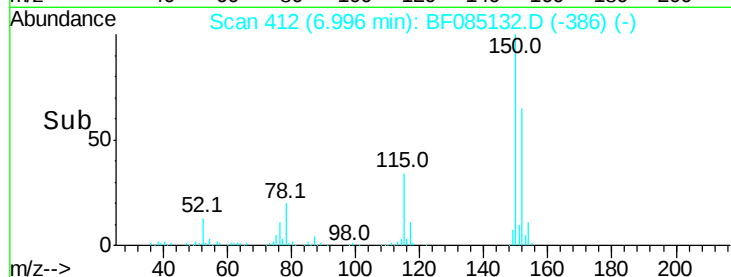
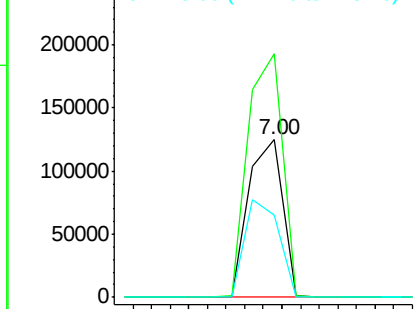
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085132.D
Acq: 2 Mar 2016 21:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 157395
Ion Ratio Lower Upper
152 100
150 154.8 123.4 185.0
115 52.8 50.0 75.0



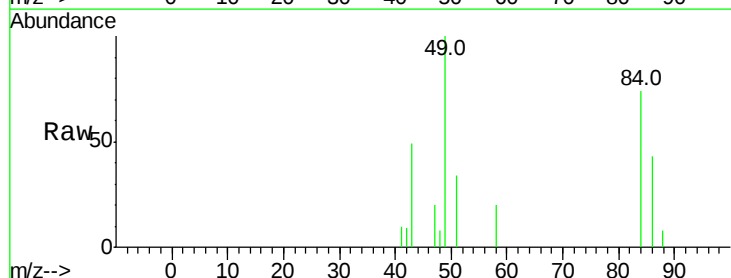
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



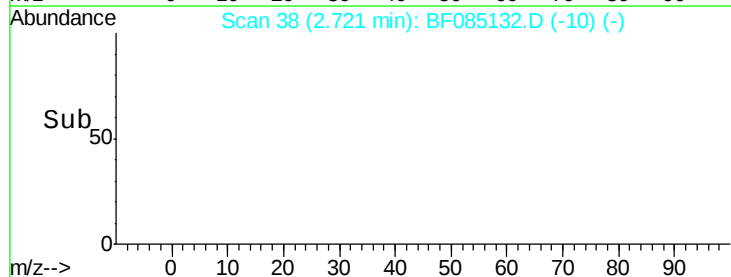
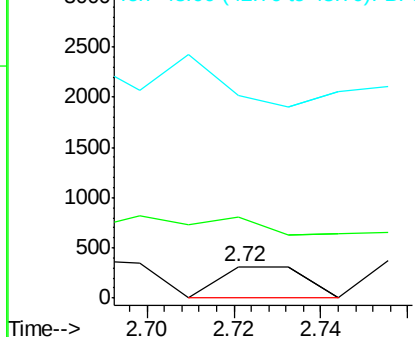
#2

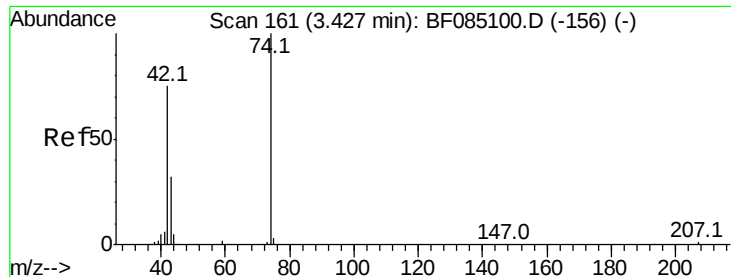
1,4-Dioxane
Concen: 0.09 ng
RT: 2.72 min Scan# 38
Delta R.T. 0.03 min
Lab File: BF085132.D
Acq: 2 Mar 2016 21:15

Tgt Ion: 88 Resp: 429
Ion Ratio Lower Upper
88 100
58 0.0 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: 0.04 ng

RT: 3.44 min Scan# 101

Delta R.T. 0.01 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

Instrument :

BNA_F

ClientSampleId :

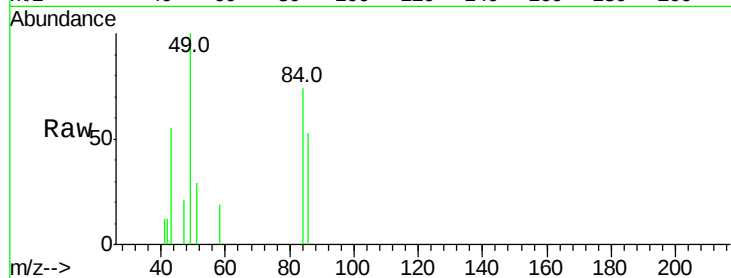
Tot Ion: 42 Resp: 223

Ion Ratio Lower Upper

42 100

74 0.0 106.6 160.0#

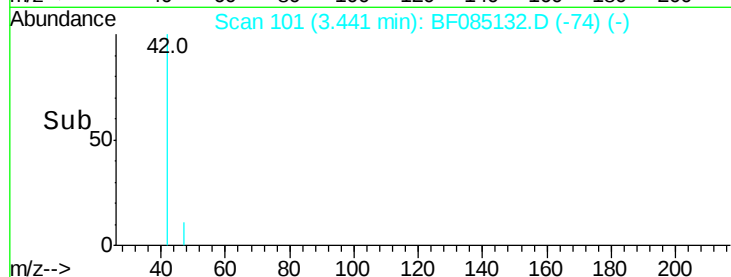
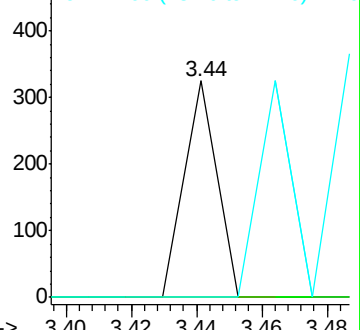
44 0.0 5.4 8.2#



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: 125.35 ng

RT: 5.60 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

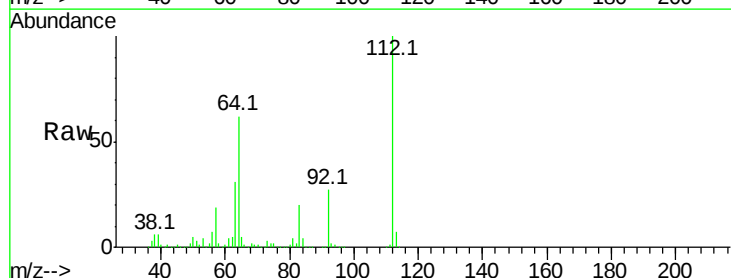
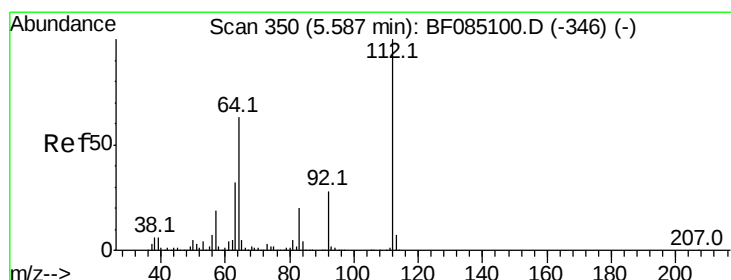
Tgt Ion:112 Resp: 1215246

Ion Ratio Lower Upper

112 100

64 62.4 50.6 76.0

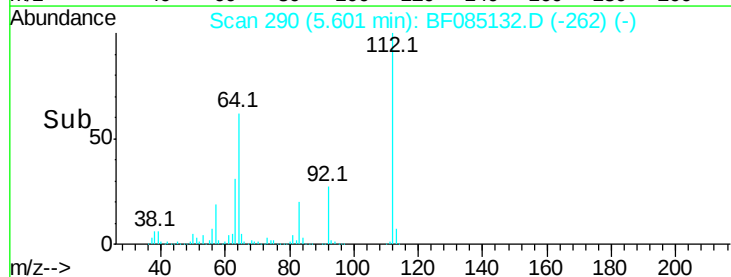
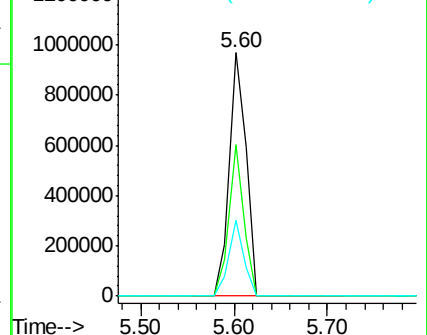
63 31.0 25.5 38.3

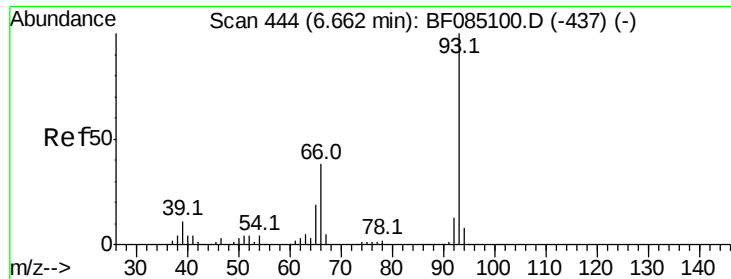


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.10 ng

RT: 6.76 min Scan# 391

Delta R.T. 0.09 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

Instrument :

BNA_F

ClientSampled :

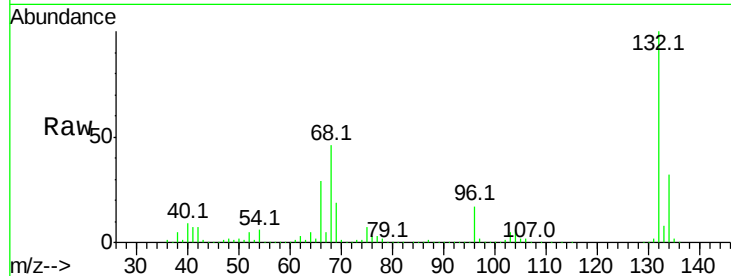
Tot Ion: 93 Resp: 1847

Ion Ratio Lower Upper

93 100

66 17915.6 30.1 45.1#

65 1375.9 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

400000

300000

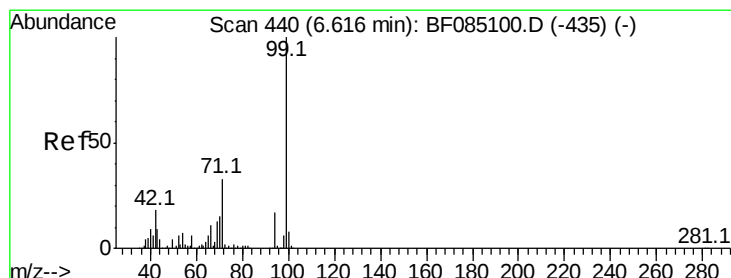
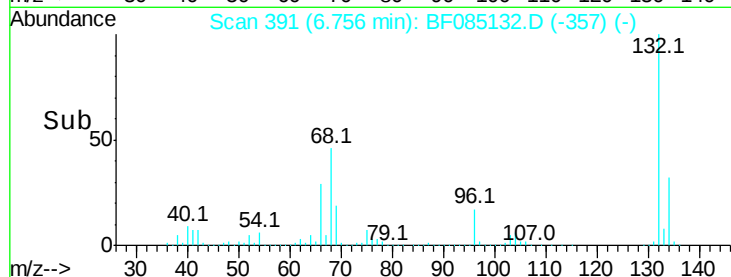
200000

100000

0

6.76

Time-->



#7

Phenol-d6

Concen: 133.87 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

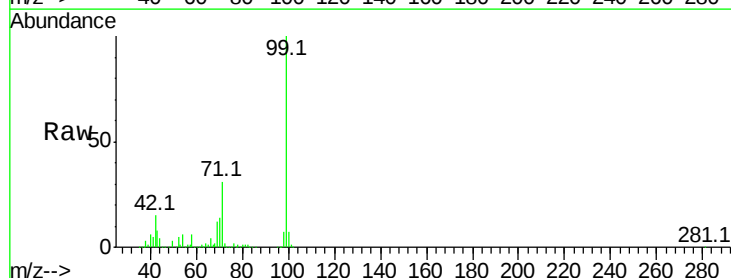
Tgt Ion: 99 Resp: 1701426

Ion Ratio Lower Upper

99 100

42 14.8 14.1 21.1

71 31.2 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

1500000

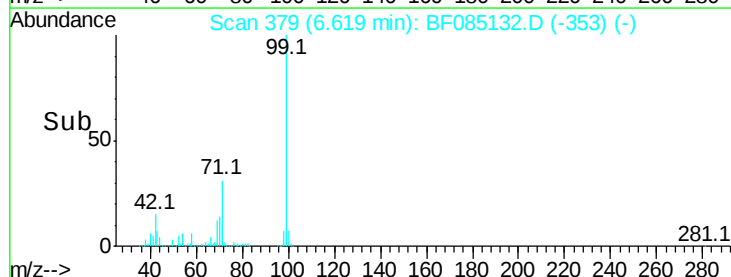
1000000

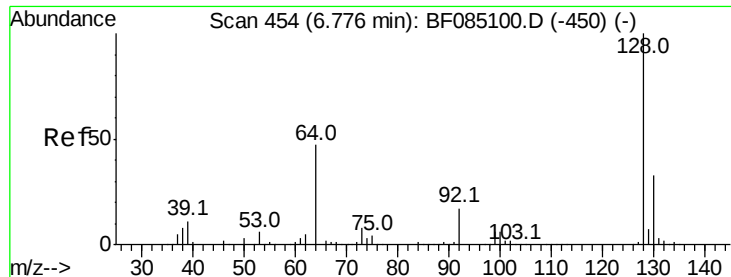
500000

0

6.62

Time-->





#8

2-Chlorophenol

Concen: 0.07 ng

RT: 6.78 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

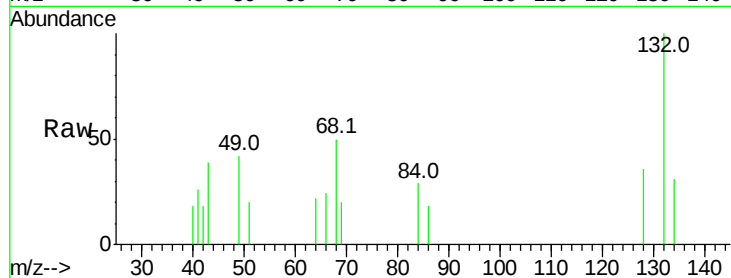
Instrument :

BNA_F

ClientSampled :

Tot Ion:128 Resp: 791

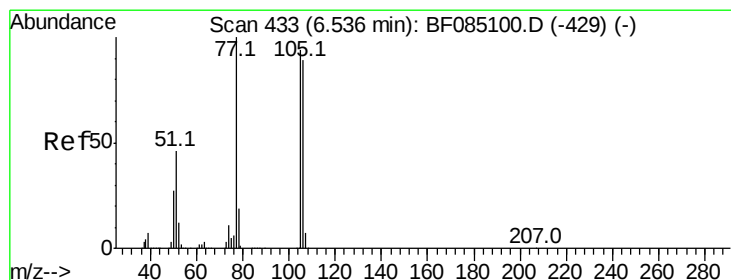
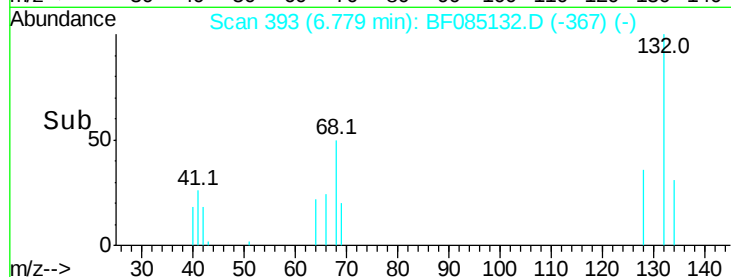
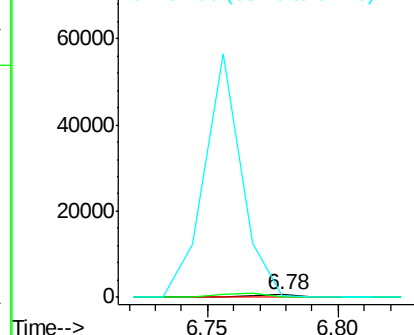
Ion	Ratio	Lower	Upper
128	100		
130	0.0	13.1	53.1#
64	62.6	29.6	69.6



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: Below Cal

RT: 6.62 min Scan# 379

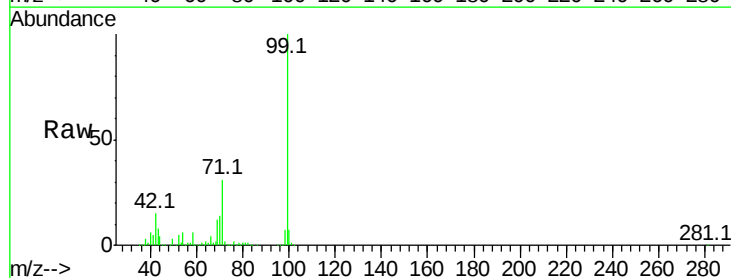
Delta R.T. 0.08 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

Tgt Ion: 77 Resp: 2403

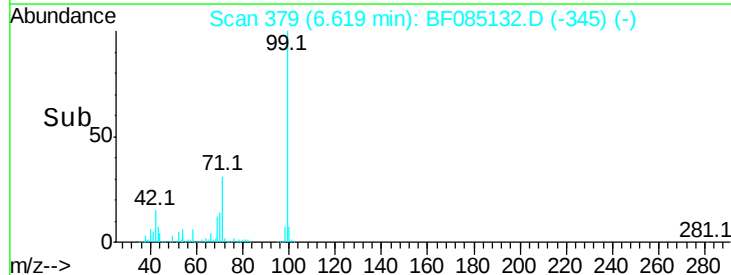
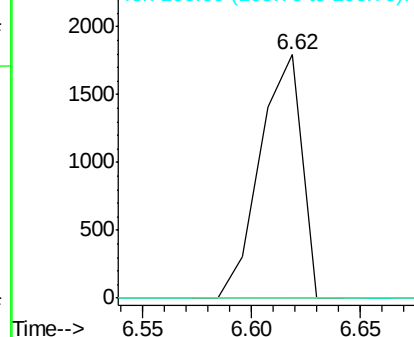
Ion	Ratio	Lower	Upper
77	100		
105	0.0	73.7	113.7#
106	0.0	69.2	109.2#

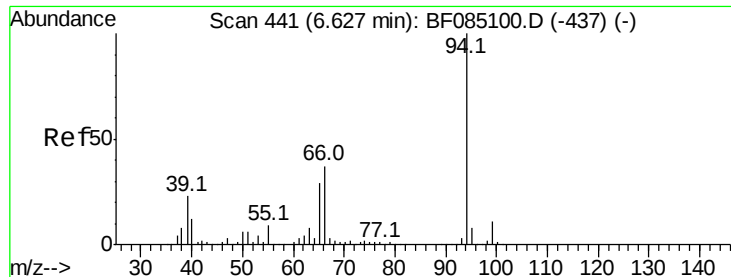


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.17 ng

RT: 6.76 min Scan# 391

Delta R.T. 0.13 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

Instrument :

BNA_F

ClientSampleId :

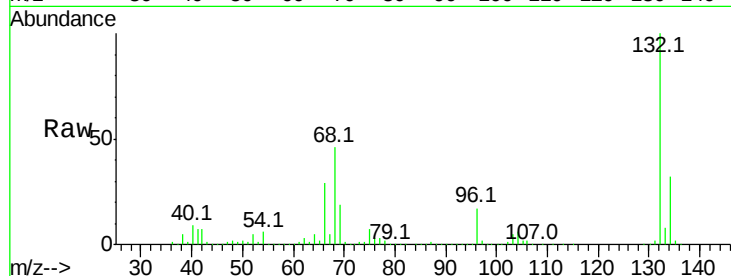
Tot Ion: 94 Resp: 2438

Ion Ratio Lower Upper

94 100

65 1029.7 9.1 49.1#

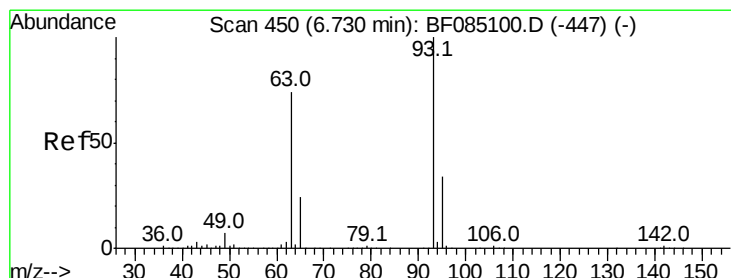
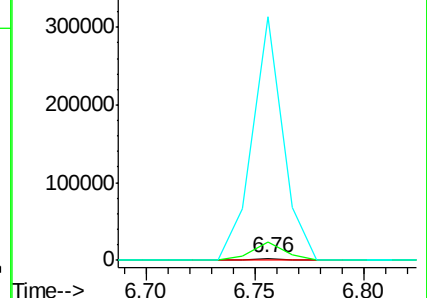
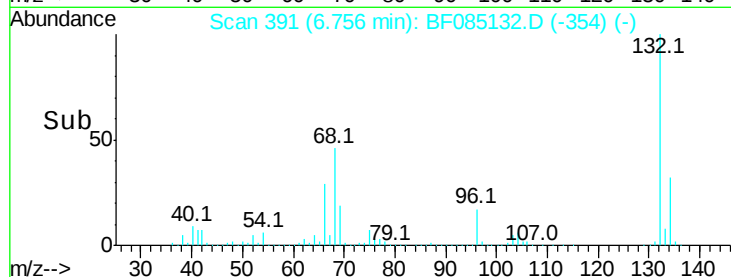
66 13408.0 17.5 57.5#



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: 0.16 ng

RT: 6.76 min Scan# 391

Delta R.T. 0.03 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

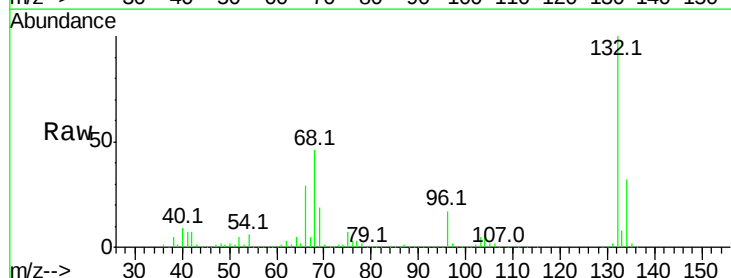
Tgt Ion: 93 Resp: 1847

Ion Ratio Lower Upper

93 100

63 656.1 53.9 93.9#

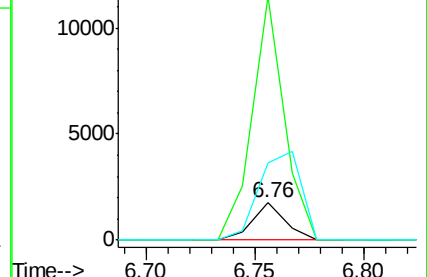
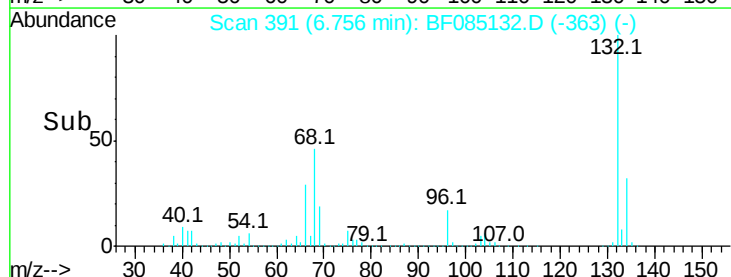
95 208.4 13.8 53.8#

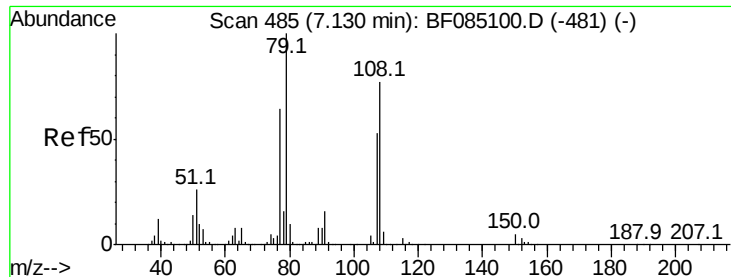


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 1.71 ng

RT: 7.14 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

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ClientSampleId :

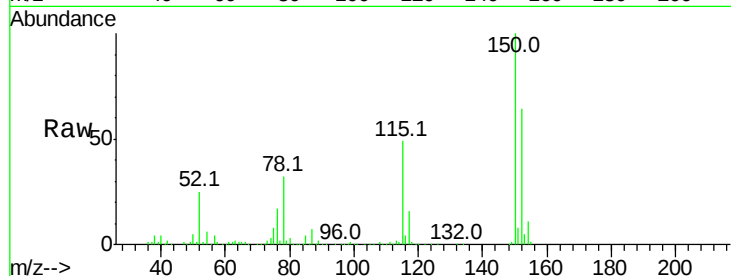
Tot Ion: 79 Resp: 15865

Ion Ratio Lower Upper

79 100

108 28.7 61.8 92.6#

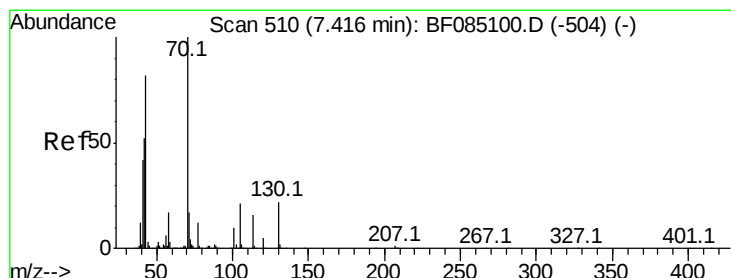
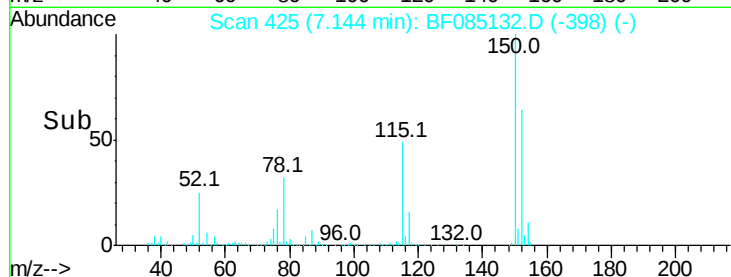
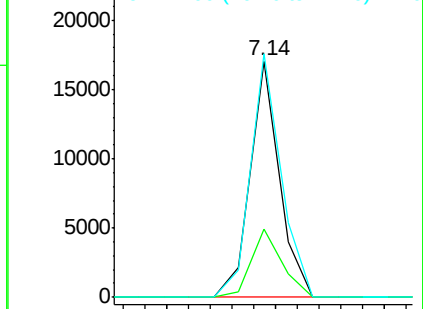
77 103.1 51.2 76.8#



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: 16.76 ng

RT: 7.56 min Scan# 461

Delta R.T. 0.14 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

Tgt Ion: 70 Resp: 140351

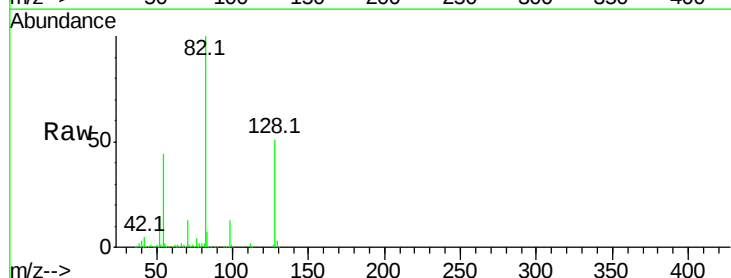
Ion Ratio Lower Upper

70 100

42 41.0 41.9 62.9#

101 0.0 7.8 11.8#

130 2.4 17.2 25.8#

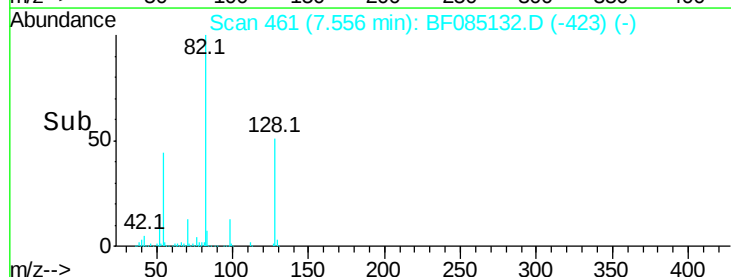
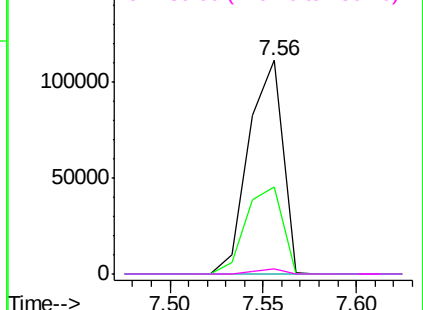


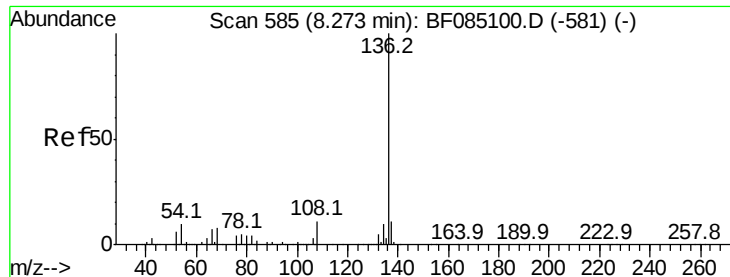
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

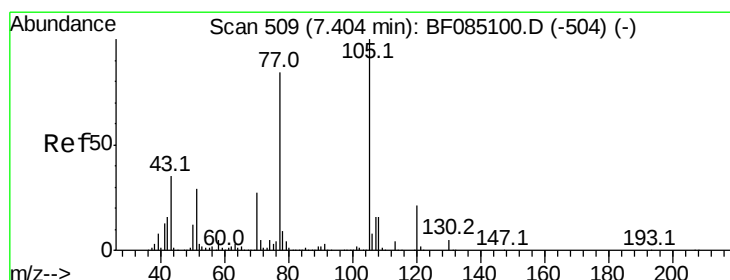
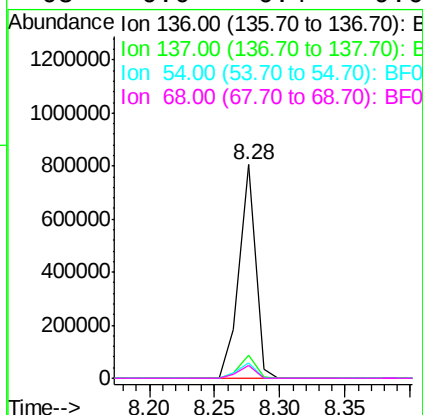
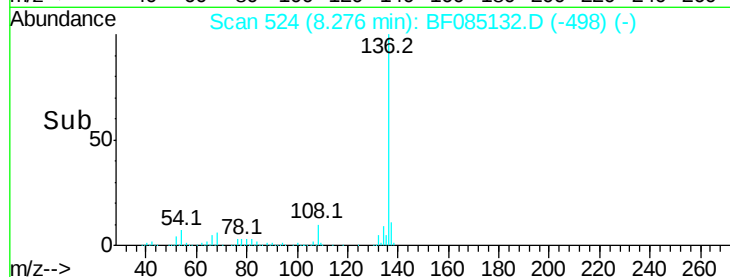
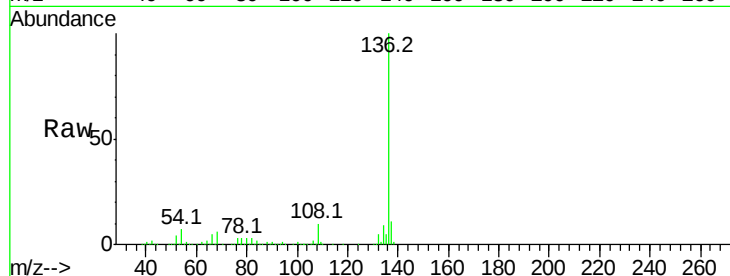




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085132.D
Acq: 2 Mar 2016 21:15

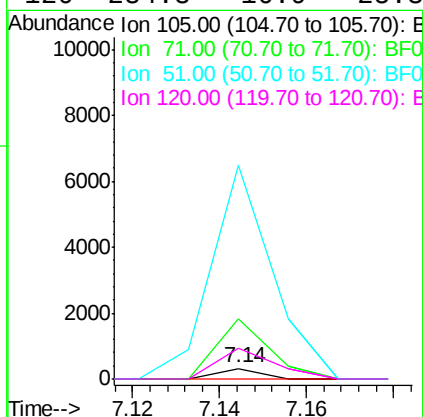
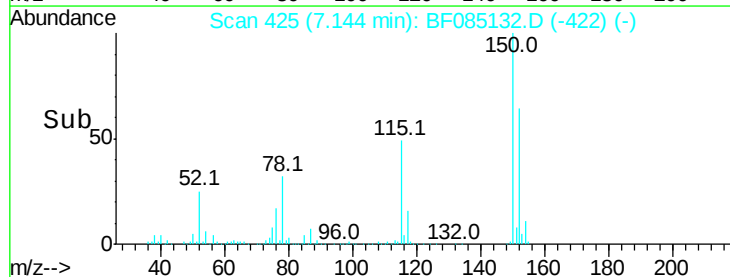
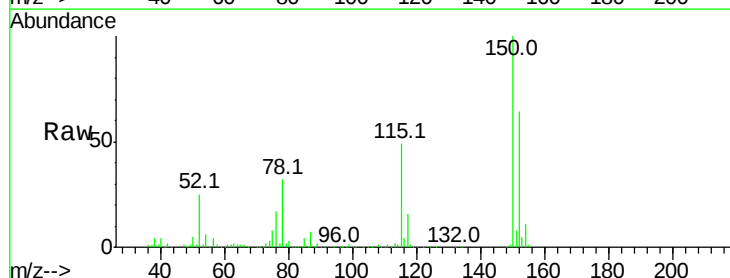
Instrument :
BNA_F
ClientSampleId :

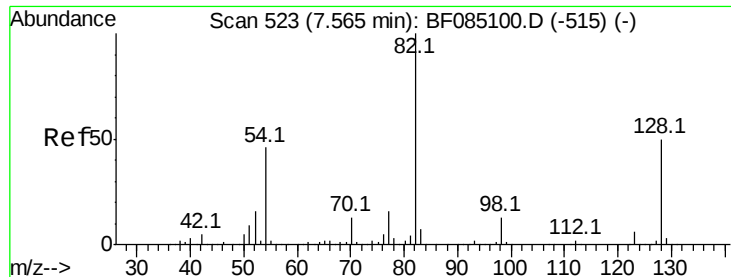
Tot Ion:136	Resp: 703337
Ion Ratio	Lower Upper
136 100	
137 10.7	9.1 13.7
54 7.1	8.5 12.7#
68 6.0	6.4 9.6#



#22
Acetophenone
Concen: 0.01 ng
RT: 7.14 min Scan# 425
Delta R.T. -0.26 min
Lab File: BF085132.D
Acq: 2 Mar 2016 21:15

Tgt Ion:105	Resp: 221
Ion Ratio	Lower Upper
105 100	
71 560.7	3.8 5.6#
51 2009.0	22.9 34.3#
120 284.8	16.9 25.3#

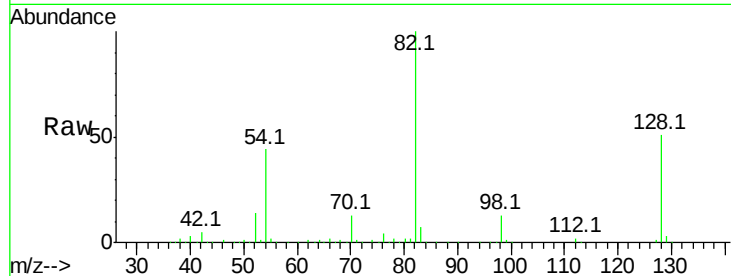




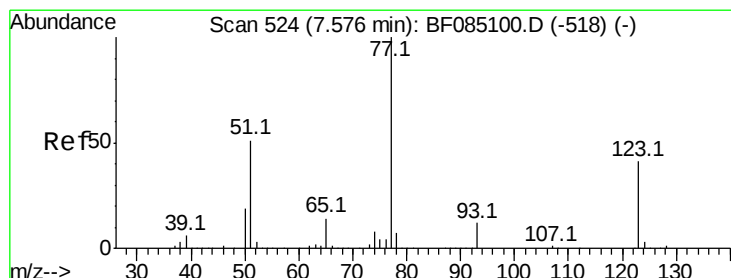
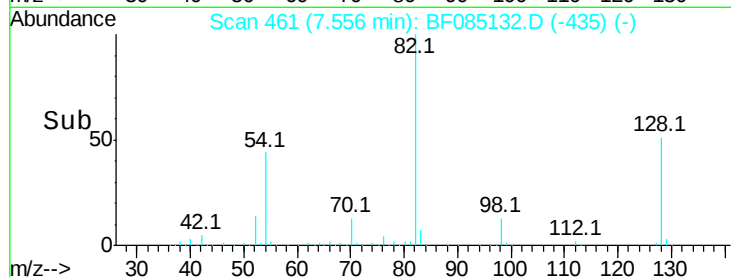
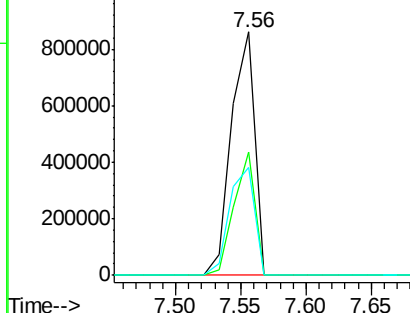
#23
Nitrobenzene-d5
Concen: 80.08 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085132.D
Acq: 2 Mar 2016 21:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1058628
Ion Ratio Lower Upper
82 100
128 50.6 39.8 59.6
54 44.1 36.6 54.8

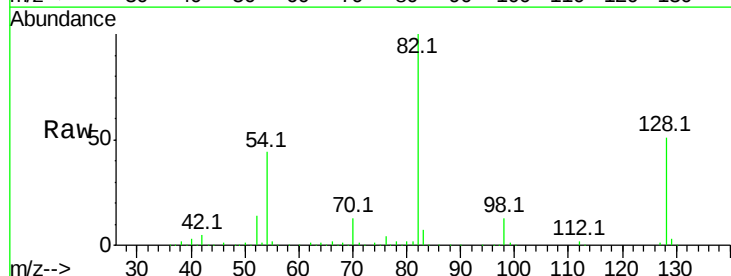


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

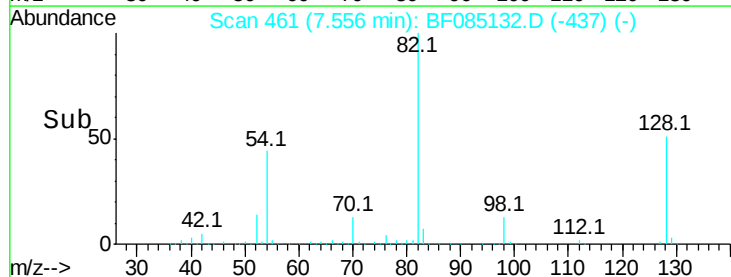
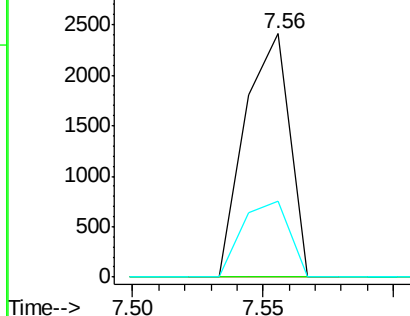


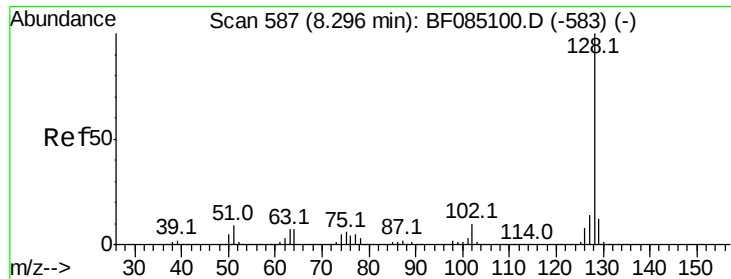
#24
Nitrobenzene
Concen: 0.21 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF085132.D
Acq: 2 Mar 2016 21:15

Tgt Ion: 77 Resp: 2893
Ion Ratio Lower Upper
77 100
123 0.0 33.4 50.2#
65 31.0 10.9 16.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0

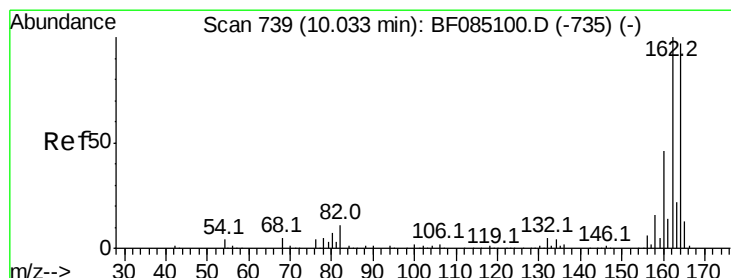
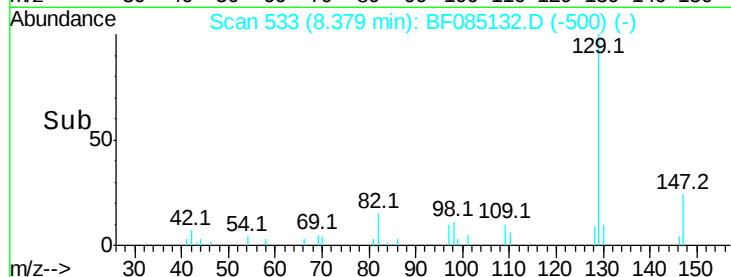
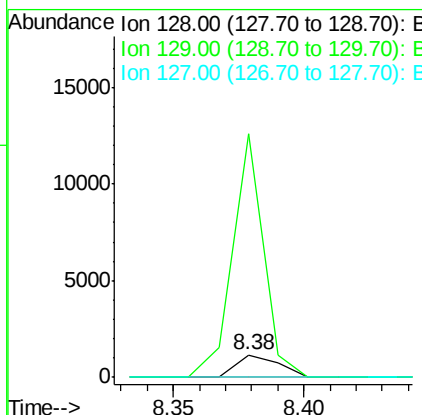
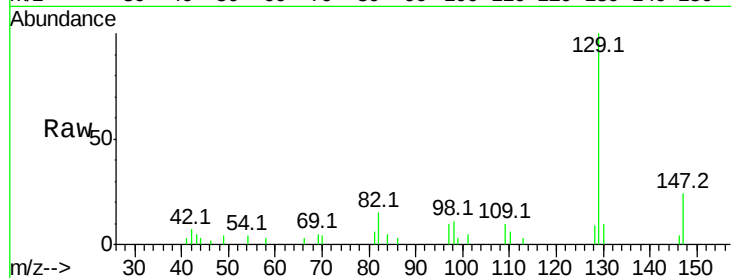




#31
Naphthalene
Concen: 0.04 ng
RT: 8.38 min Scan# 533
Delta R.T. 0.08 min
Lab File: BF085132.D
Acq: 2 Mar 2016 21:15

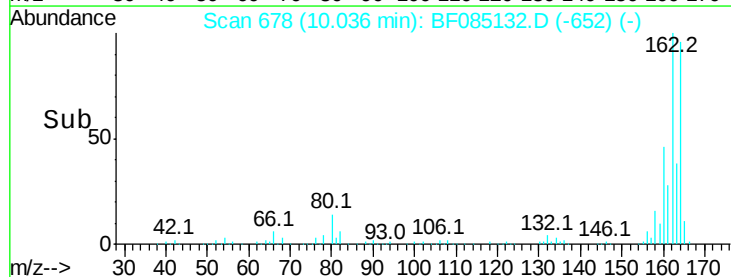
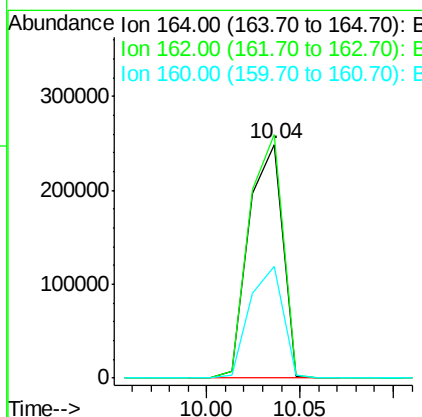
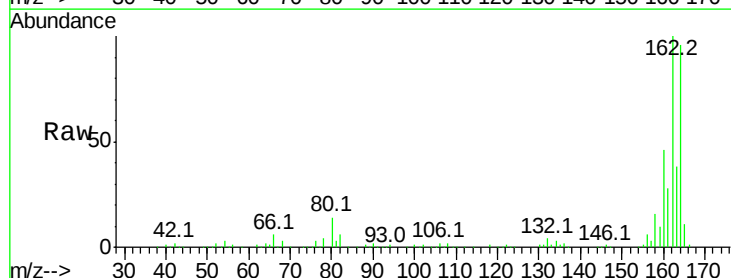
Instrument :
BNA_F
ClientSampleId :

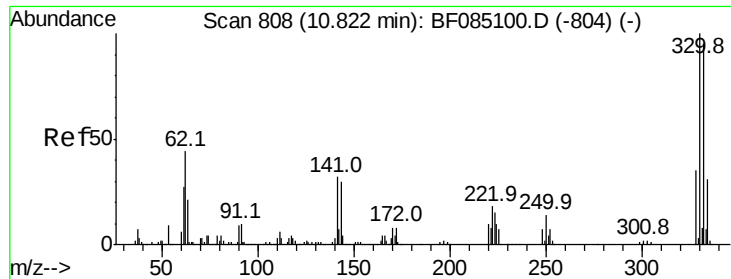
Tot Ion:128 Resp: 1304
Ion Ratio Lower Upper
128 100
129 1072.5 9.7 14.5#
127 0.0 11.1 16.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085132.D
Acq: 2 Mar 2016 21:15

Tgt Ion:164 Resp: 312302
Ion Ratio Lower Upper
164 100
162 104.2 82.6 123.8
160 47.9 38.2 57.2

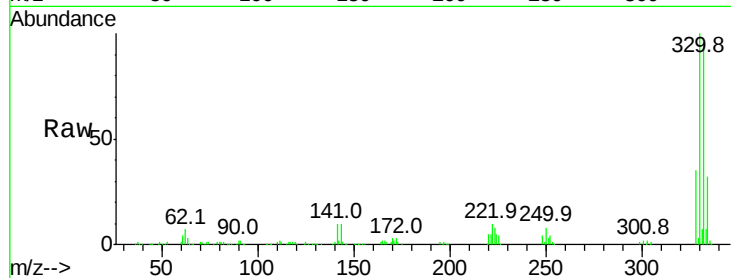




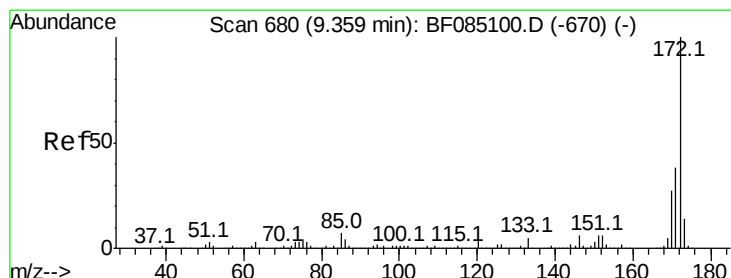
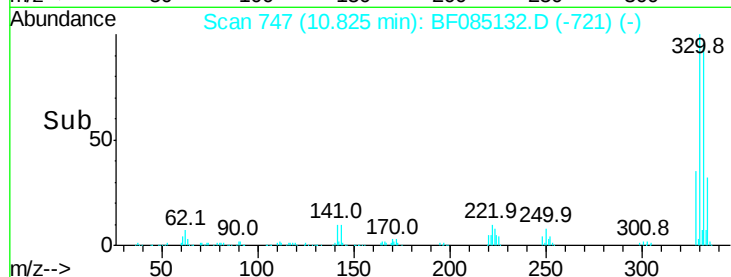
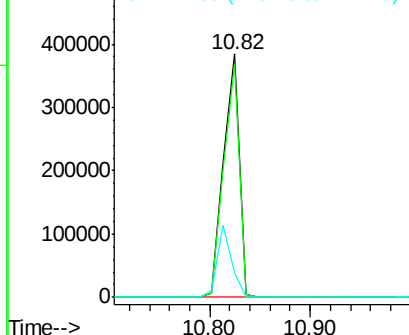
#41
 2,4,6-Tribromophenol
 Concen: 134.02 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085132.D
 Acq: 2 Mar 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 420611
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.9 113.9
 141 27.2 28.9 43.3#

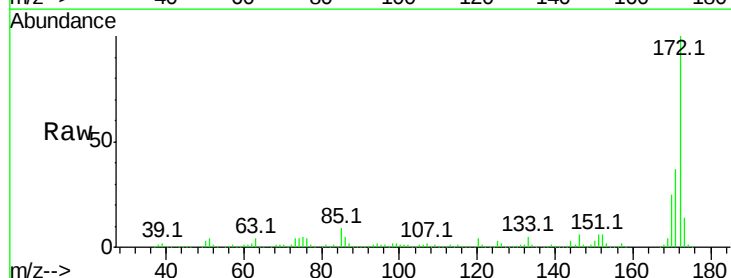


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

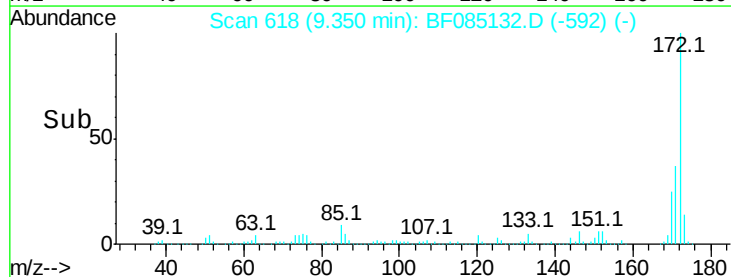
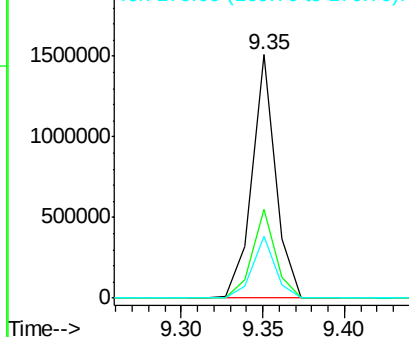


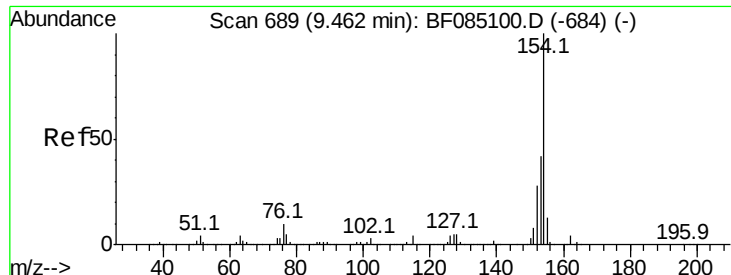
#44
 2-Fluorobiphenyl
 Concen: 71.55 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085132.D
 Acq: 2 Mar 2016 21:15

Tgt Ion:172 Resp: 1517281
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.5 45.7
 170 25.2 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: 0.11 ng

RT: 9.35 min Scan# 618

Delta R.T. -0.11 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

Instrument :

BNA_F

ClientSampleId :

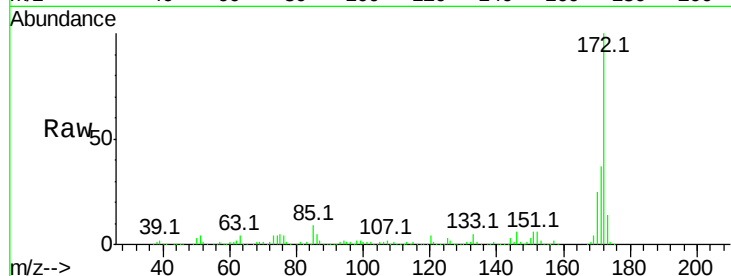
Tot Ion:154 Resp: 3147

Ion Ratio Lower Upper

154 100

153 905.7 21.5 61.5#

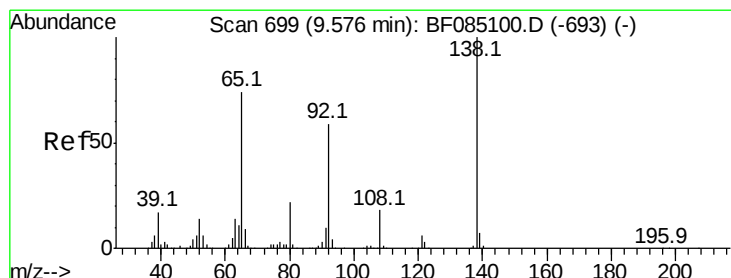
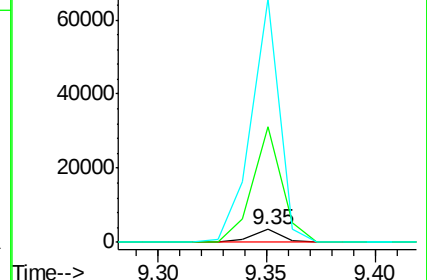
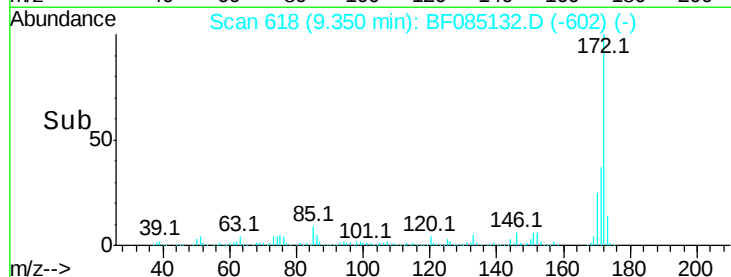
76 1911.6 0.0 29.7#



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: 0.41 ng

RT: 9.35 min Scan# 618

Delta R.T. -0.23 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

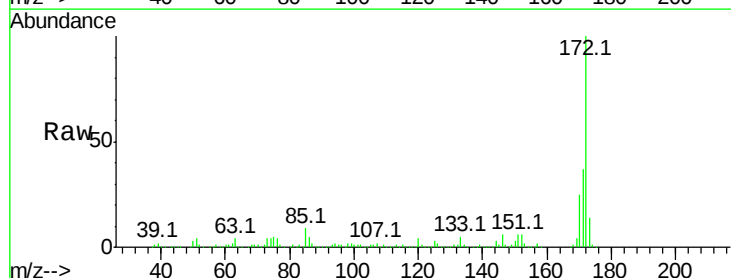
Tgt Ion: 65 Resp: 2600

Ion Ratio Lower Upper

65 100

92 209.7 63.8 95.6#

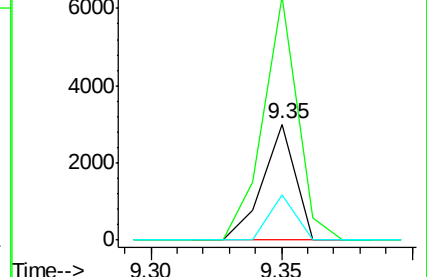
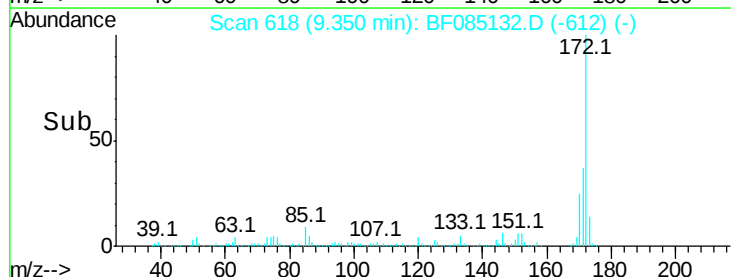
138 39.0 108.5 162.7#

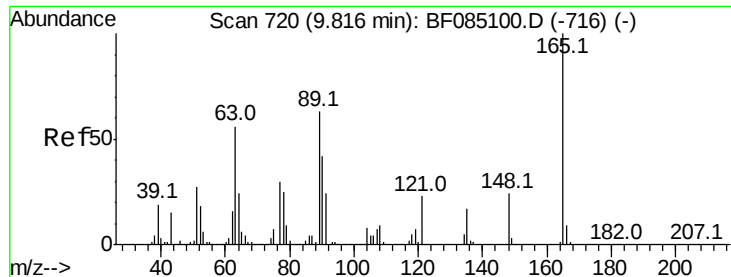


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

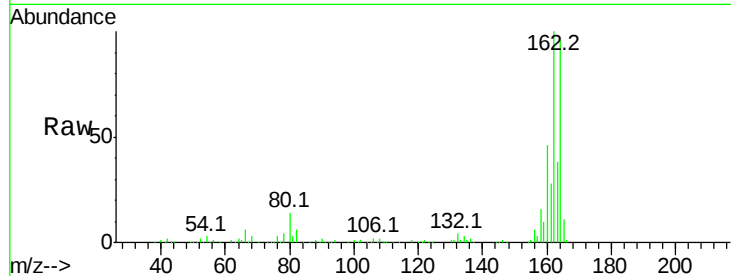




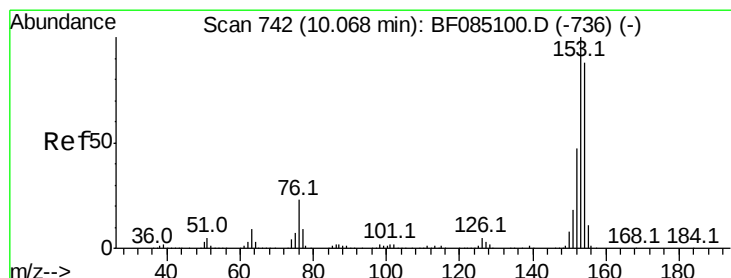
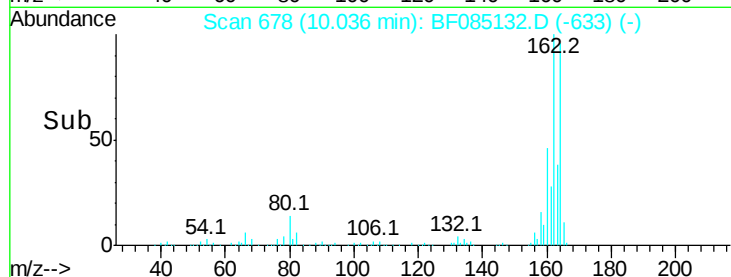
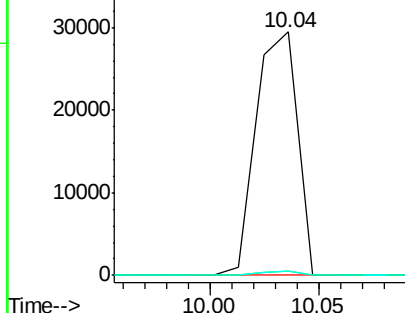
#50
2,6-Dinitrotoluene
Concen: 8.17 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.22 min
Lab File: BF085132.D
Acq: 2 Mar 2016 21:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	47.4	71.2#
89	1.9	50.2	75.2#

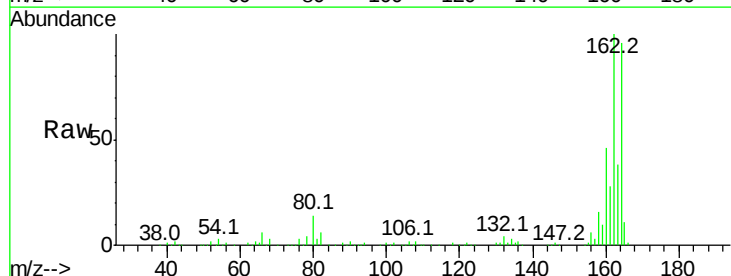


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

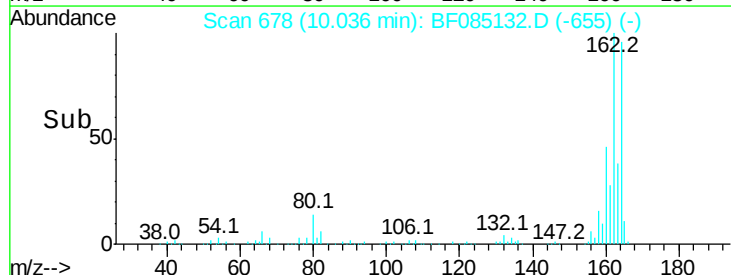
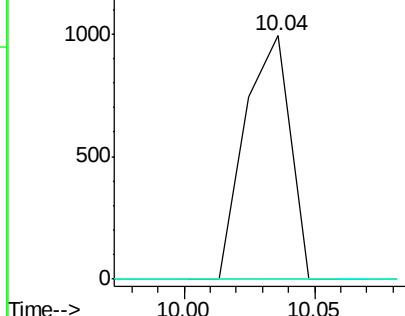


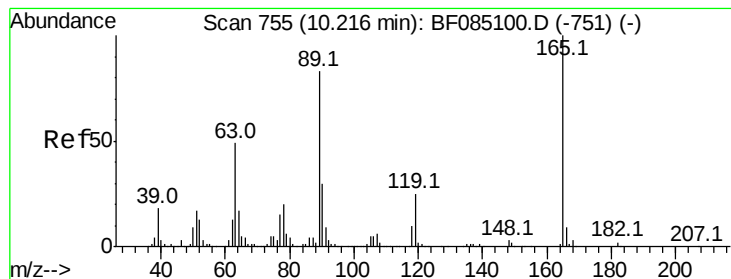
#51
Acenaphthene
Concen: 0.06 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF085132.D
Acq: 2 Mar 2016 21:15

Tgt 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: 6.07 ng

RT: 10.04 min Scan# 678

Delta R.T. -0.18 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 39247

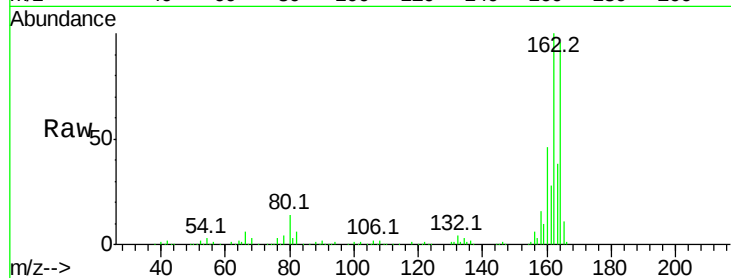
Ion Ratio Lower Upper

165 100

63 1.5 39.2 58.8#

89 1.9 66.2 99.4#

182 0.0 1.8 2.8#

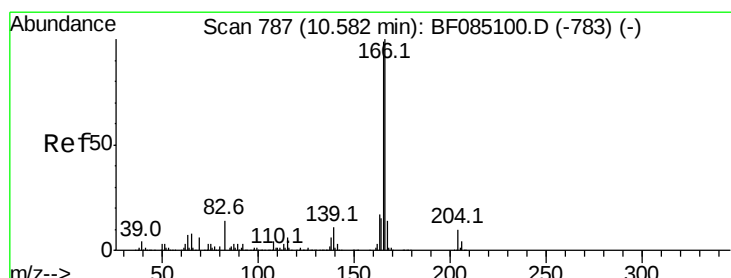
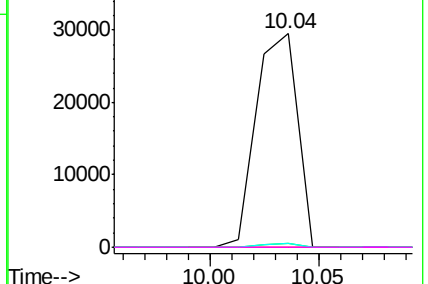
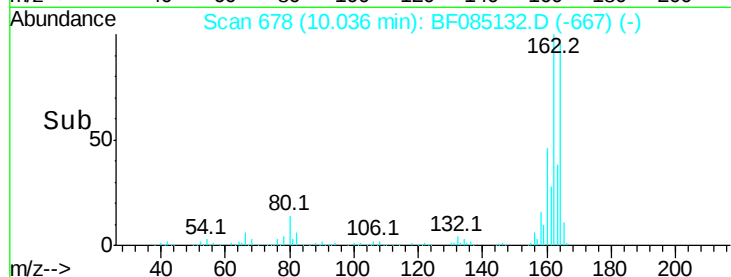


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.79 ng

RT: 10.81 min Scan# 746

Delta R.T. 0.23 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

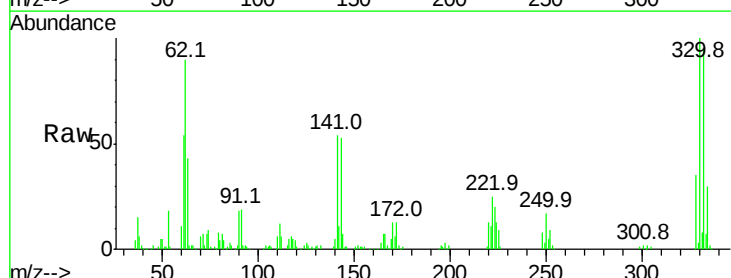
Tgt Ion:166 Resp: 15232

Ion Ratio Lower Upper

166 100

165 97.5 79.4 119.2

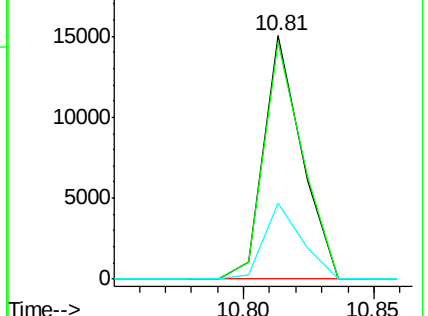
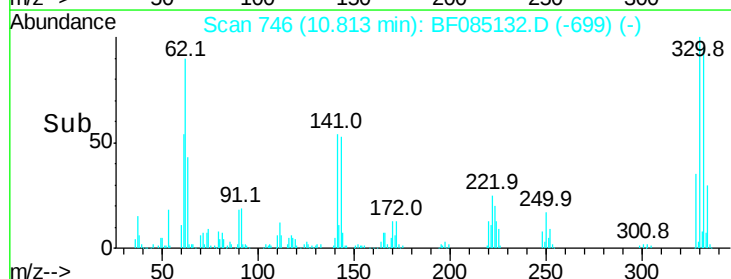
167 31.2 11.2 16.8#

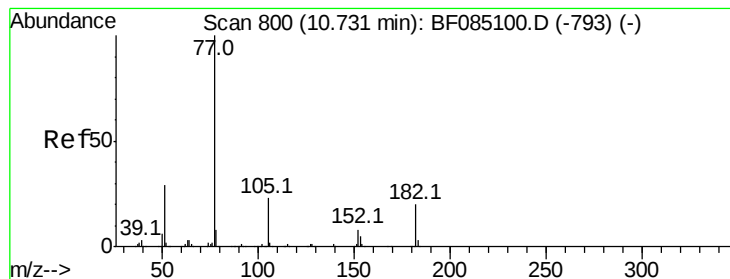


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#62

Azobenzene

Concen: 0.07 ng

RT: 10.81 min Scan# 746

Delta R.T. 0.08 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1557

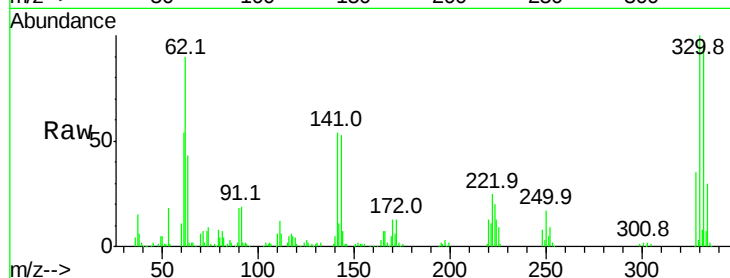
Ion Ratio Lower Upper

77 100

182 0.0 0.0 39.8

105 92.4 2.7 42.7#

51 88.2 9.4 49.4#

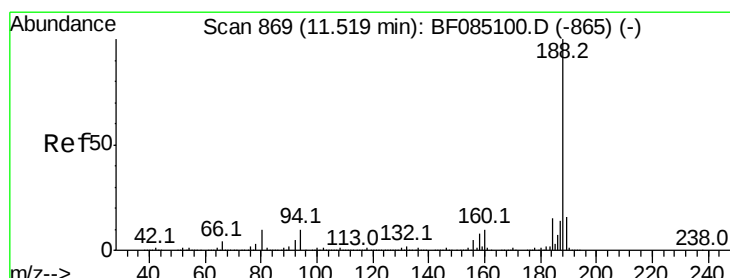
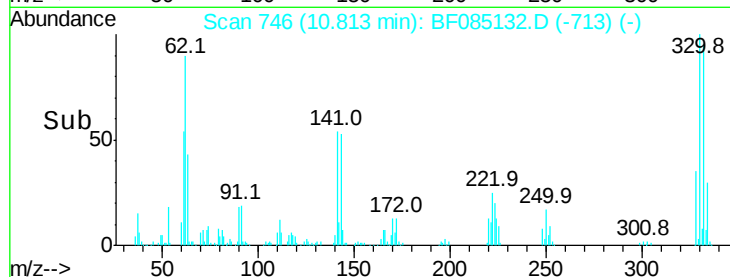
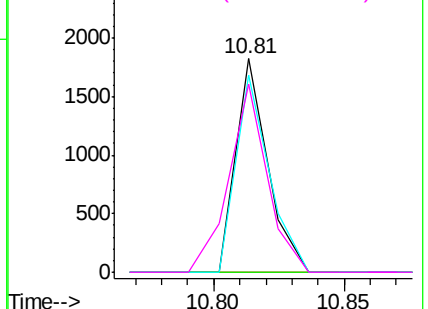


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF085132.D

Acq: 2 Mar 2016 21:15

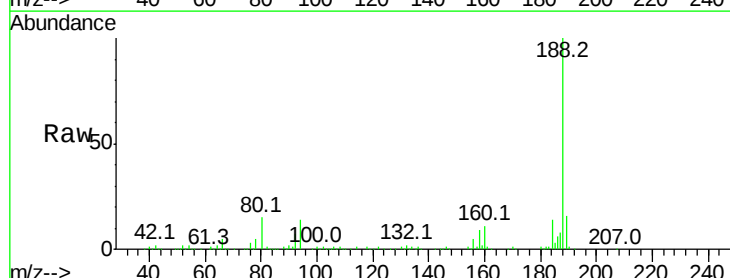
Tgt Ion: 188 Resp: 538014

Ion Ratio Lower Upper

188 100

94 13.9 7.8 11.6#

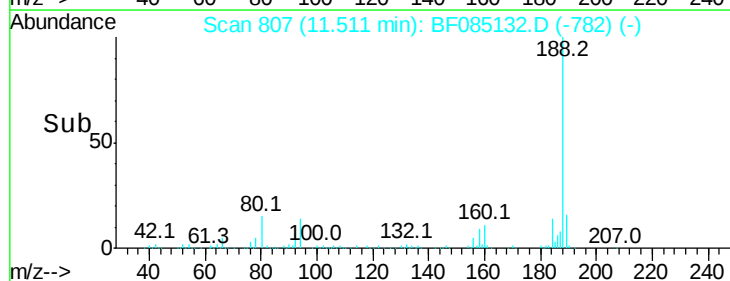
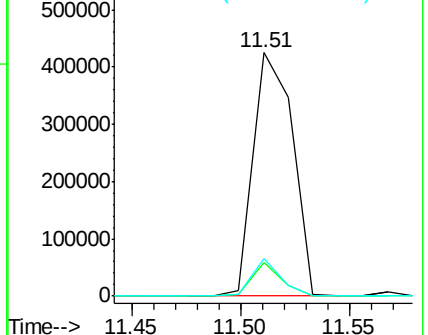
80 15.4 8.2 12.4#

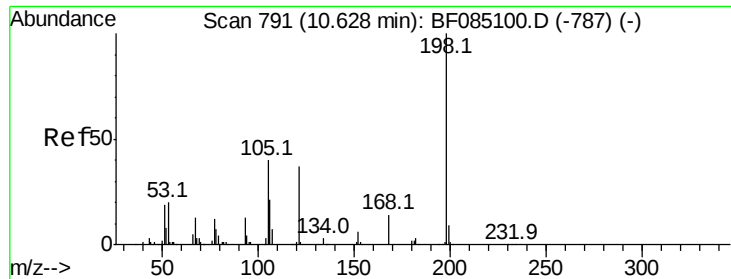


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

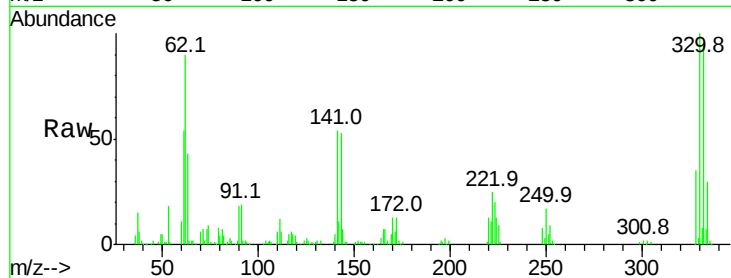




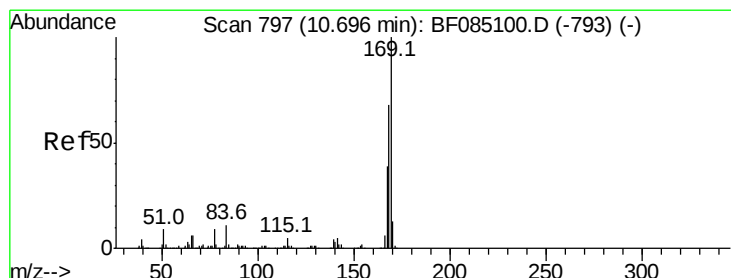
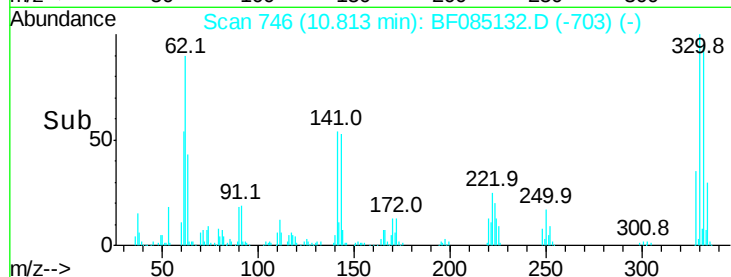
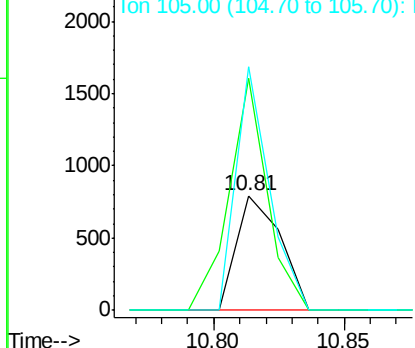
#64
4,6-Dinitro-2-methylphenol
Concen: 7.45 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.19 min
Lab File: BF085132.D
Acq: 2 Mar 2016 21:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 930
Ion Ratio Lower Upper
198 100
51 203.2 12.5 52.5#
105 212.8 20.2 60.2#

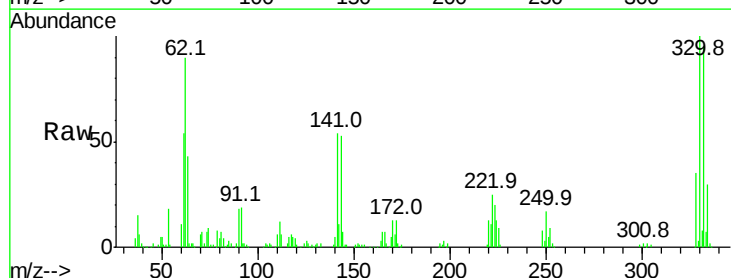


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

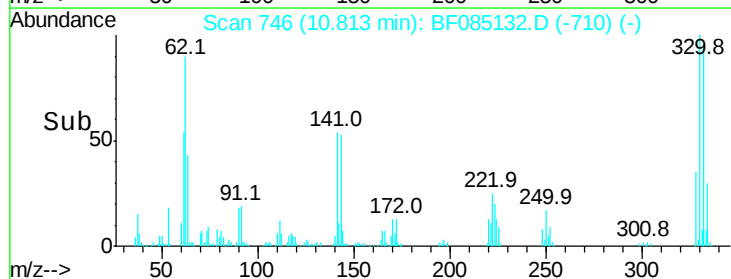
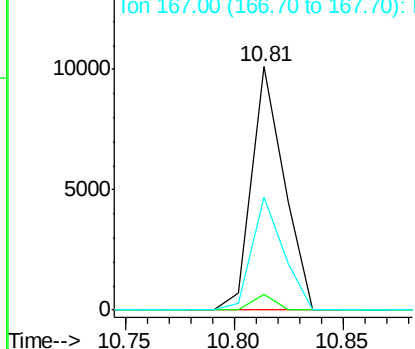


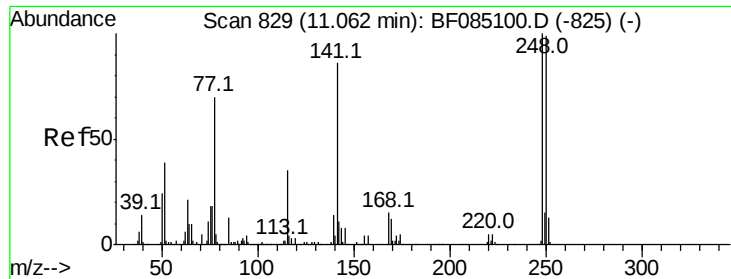
#65
n-Nitrosodiphenylamine
Concen: 0.62 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.12 min
Lab File: BF085132.D
Acq: 2 Mar 2016 21:15

Tgt Ion:169 Resp: 10502
Ion Ratio Lower Upper
169 100
168 6.4 54.6 81.8#
167 46.4 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

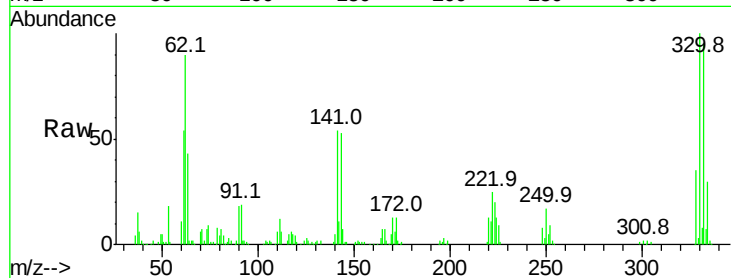




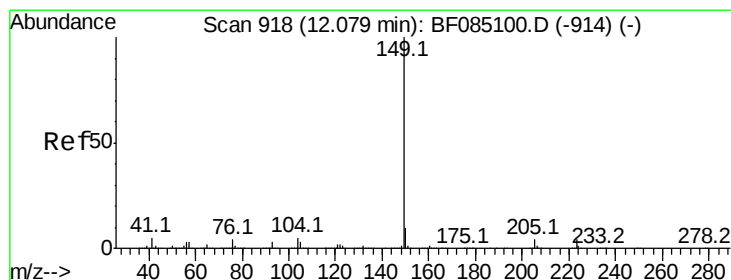
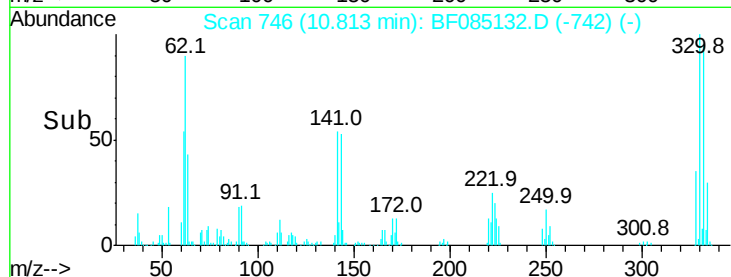
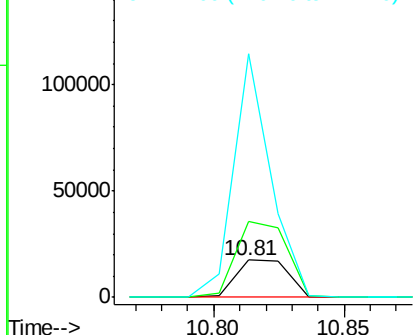
#66
4-Bromophenyl-phenylether
Concen: 4.26 ng
RT: 10.81 min Scan# 746
Delta R.T. -0.25 min
Lab File: BF085132.D
Acq: 2 Mar 2016 21:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 24041
Ion Ratio Lower Upper
248 100
250 205.9 79.0 118.4#
141 658.3 68.6 103.0#

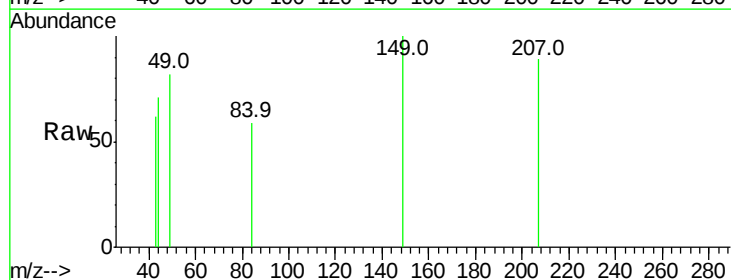


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

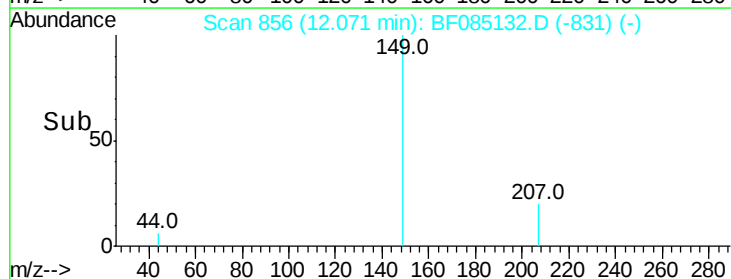
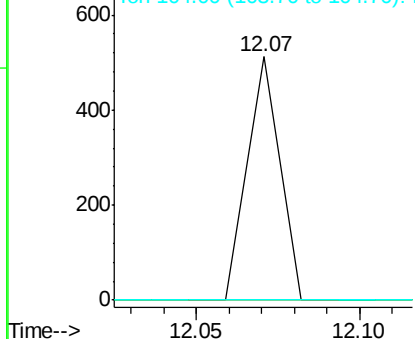


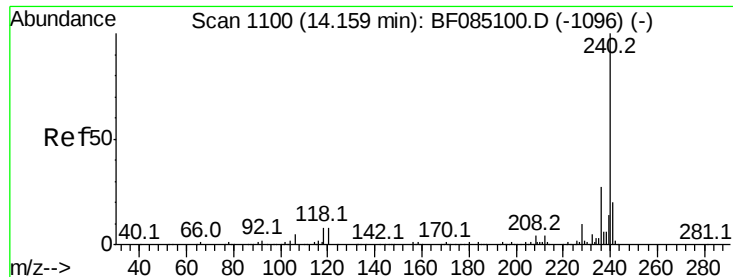
#73
Di-n-butylphthalate
Concen: 0.01 ng
RT: 12.07 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF085132.D
Acq: 2 Mar 2016 21:15

Tgt Ion:149 Resp: 351
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: BF085132.D

Acq: 2 Mar 2016 21:15

Instrument :

BNA_F

ClientSampleId :

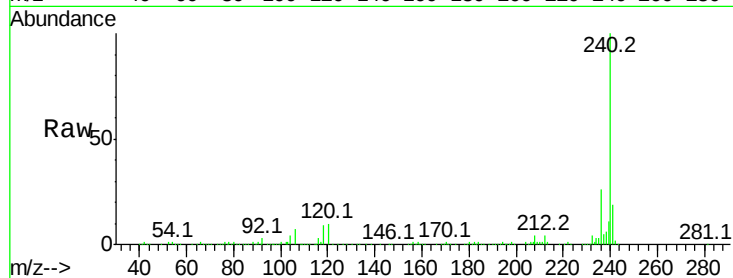
Tot Ion:240 Resp: 348617

Ion Ratio Lower Upper

240 100

120 10.2 6.7 10.1#

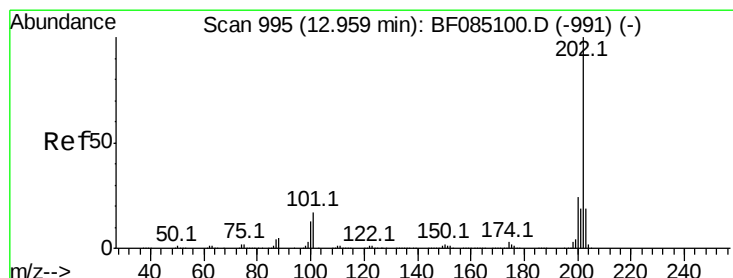
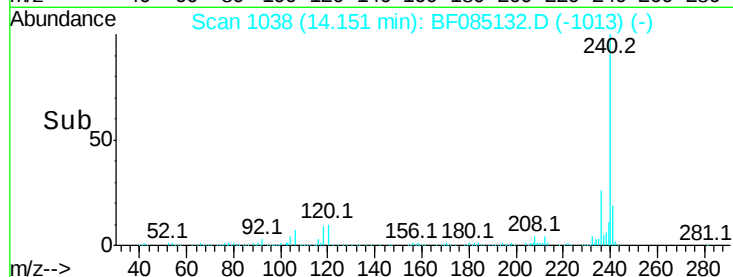
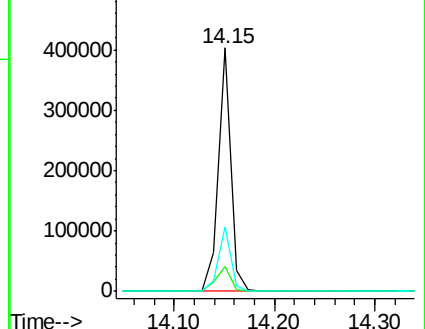
236 26.2 21.6 32.4



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

Pyrene

Concen: 0.19 ng

RT: 13.10 min Scan# 946

Delta R.T. 0.14 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

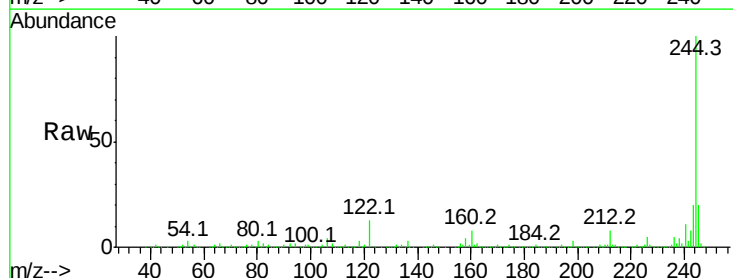
Tgt Ion:202 Resp: 4599

Ion Ratio Lower Upper

202 100

200 50.6 19.0 28.6#

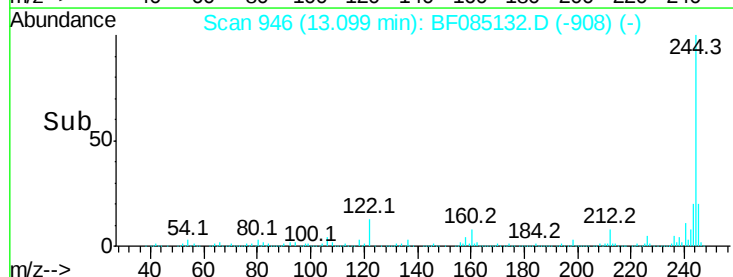
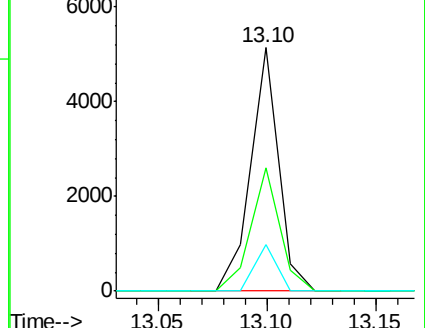
203 19.2 15.0 22.6

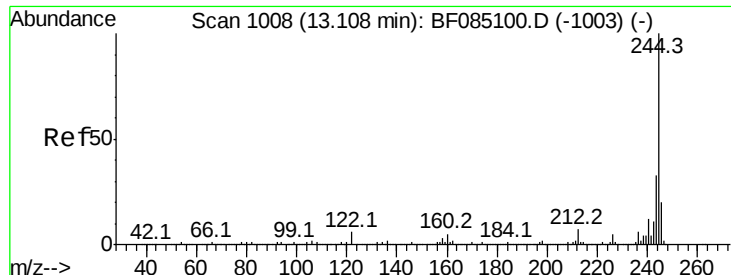


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 91.52 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

Instrument :

BNA_F

ClientSampleId :

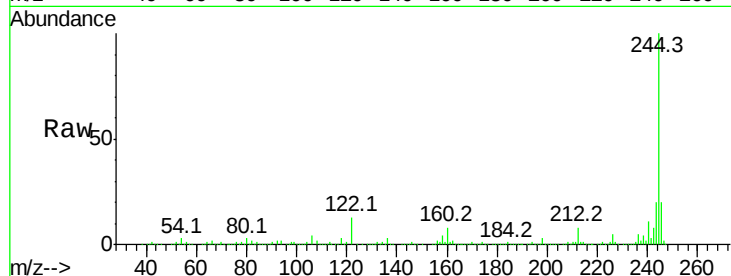
Tot Ion:244 Resp: 1360092

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

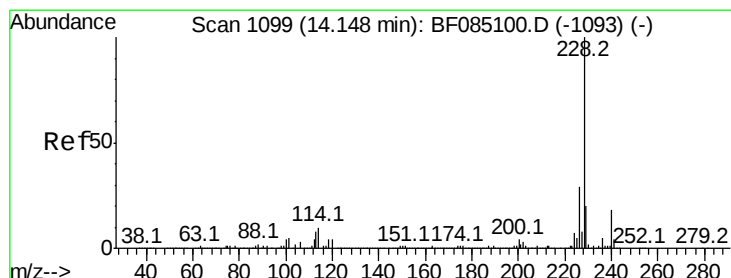
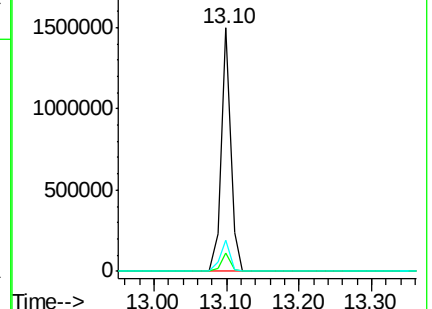
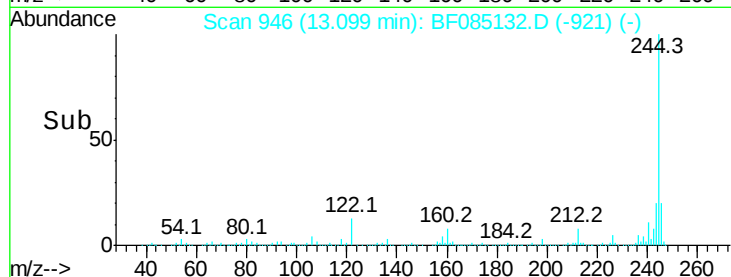
122 12.6 5.1 7.7#



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: BF085132.D

Acq: 2 Mar 2016 21:15

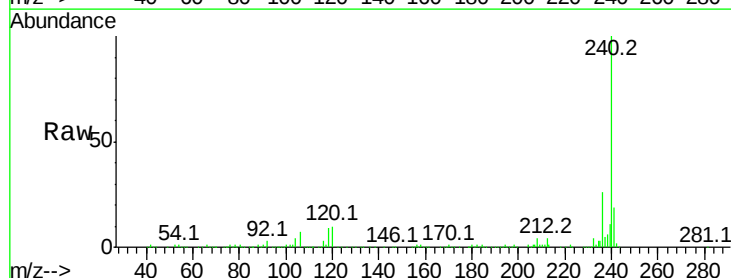
Tgt Ion:228 Resp: 828

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.4#

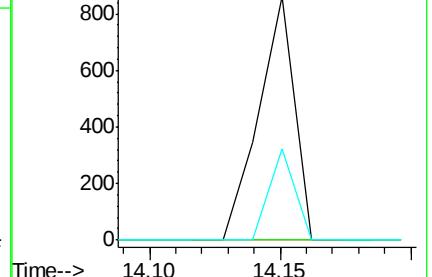
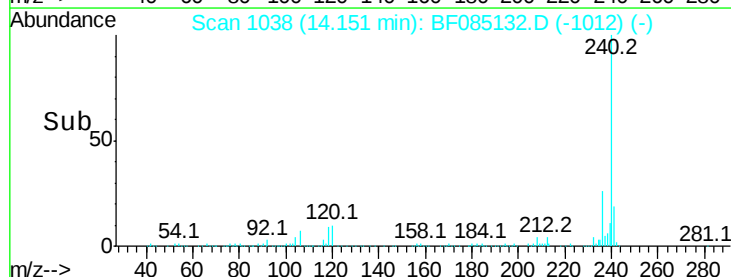
229 37.4 16.1 24.1#

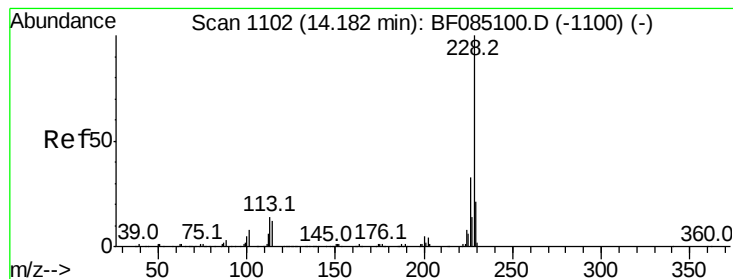


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.04 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

Instrument :

BNA_F

ClientSampleId :

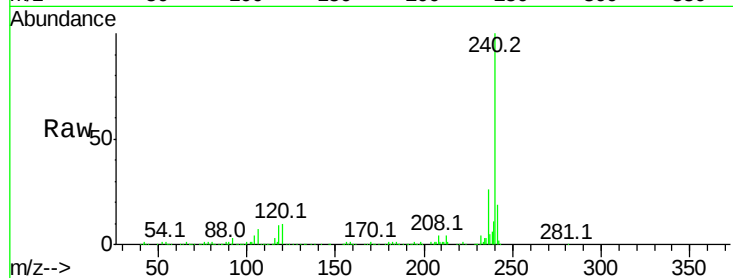
Tot Ion:228 Resp: 828

Ion Ratio Lower Upper

228 100

226 0.0 26.2 39.4#

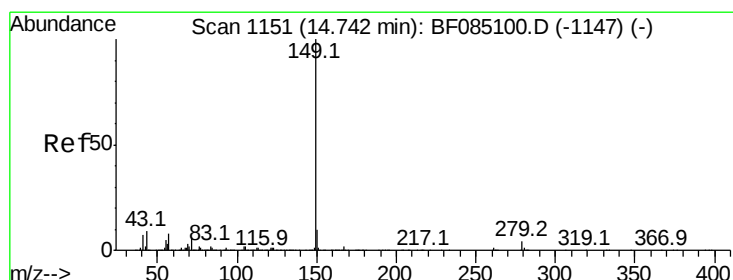
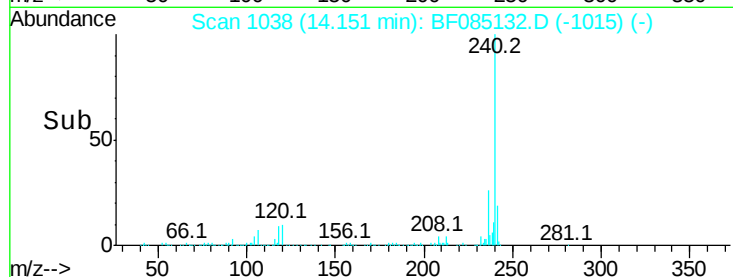
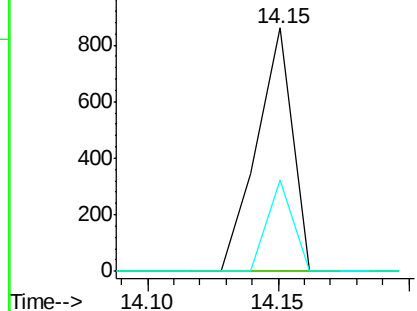
229 37.4 16.5 24.7#



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



#84

Di-n-octyl phthalate

Concen: 0.02 ng

RT: 14.75 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF085132.D

Acq: 2 Mar 2016 21:15

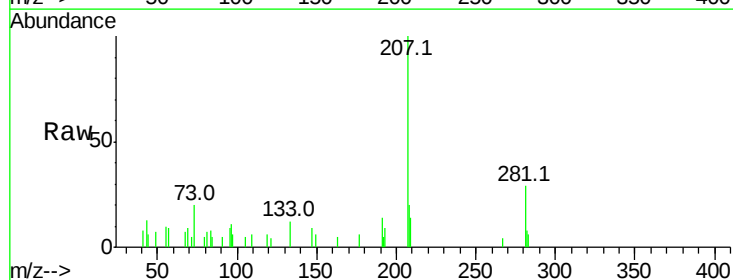
Tgt Ion:149 Resp: 270

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

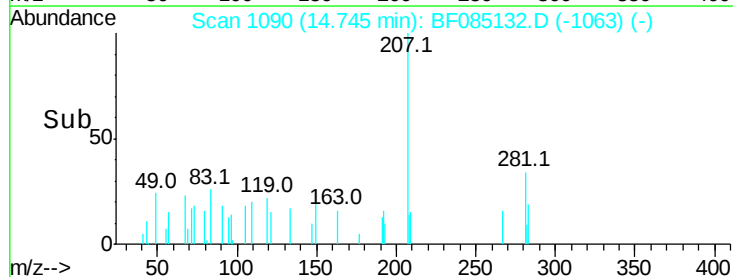
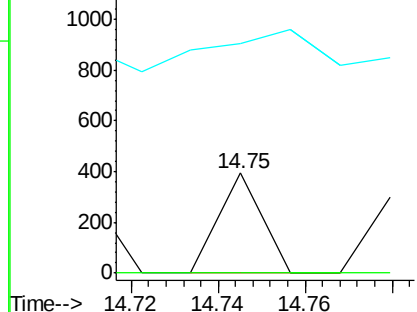
43 130.7 8.8 13.2#

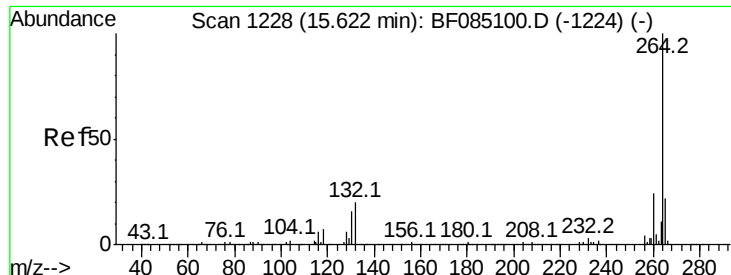


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

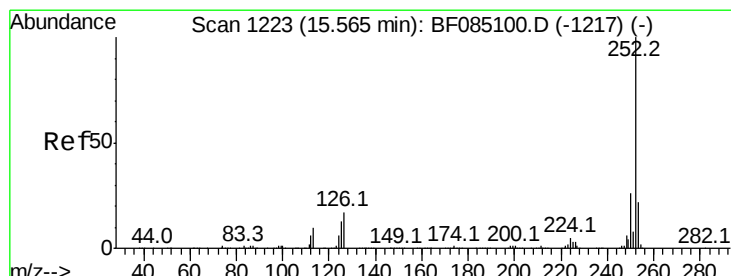
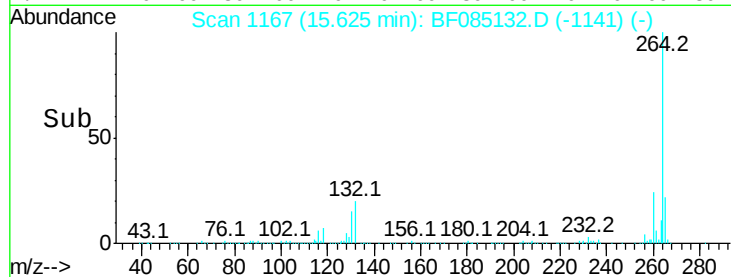
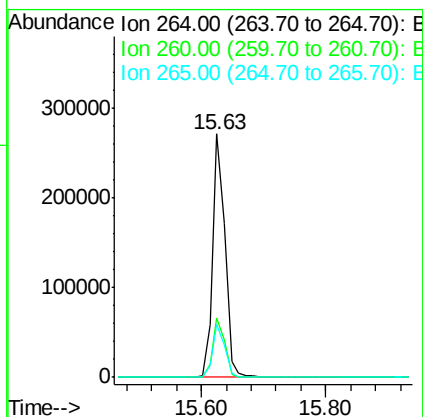
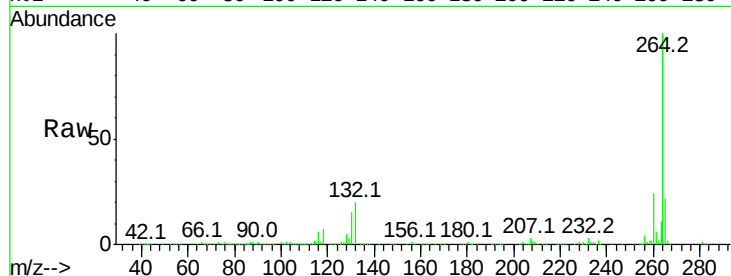




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF085132.D
Acq: 2 Mar 2016 21:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 366128
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.9 17.4 26.2



#89
Benzo(a)pyrene
Concen: 0.06 ng
RT: 15.63 min Scan# 1167
Delta R.T. 0.06 min
Lab File: BF085132.D
Acq: 2 Mar 2016 21:15

Tgt Ion:252 Resp: 1064
Ion Ratio Lower Upper
252 100
253 0.0 18.0 27.0#
125 47.9 10.2 15.2#

