

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085131.D
 Acq On : 2 Mar 2016 20:47
 Operator : SJ/IZ
 Sample : PB88627TB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:47:06 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	167918	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	736501	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	333878	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	591871	20.00	ng	0.00
75) Chrysene-d12	14.15	240	403212	20.00	ng	0.00
86) Perylene-d12	15.63	264	399007	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1108671	107.19	ng	0.01
7) Phenol-d6	6.62	99	1589253	117.21	ng	0.00
23) Nitrobenzene-d5	7.56	82	967885	69.92	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	396047	118.04	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1463597	64.56	ng	0.00
78) Terphenyl-d14	13.10	244	1292413	75.19	ng	0.00

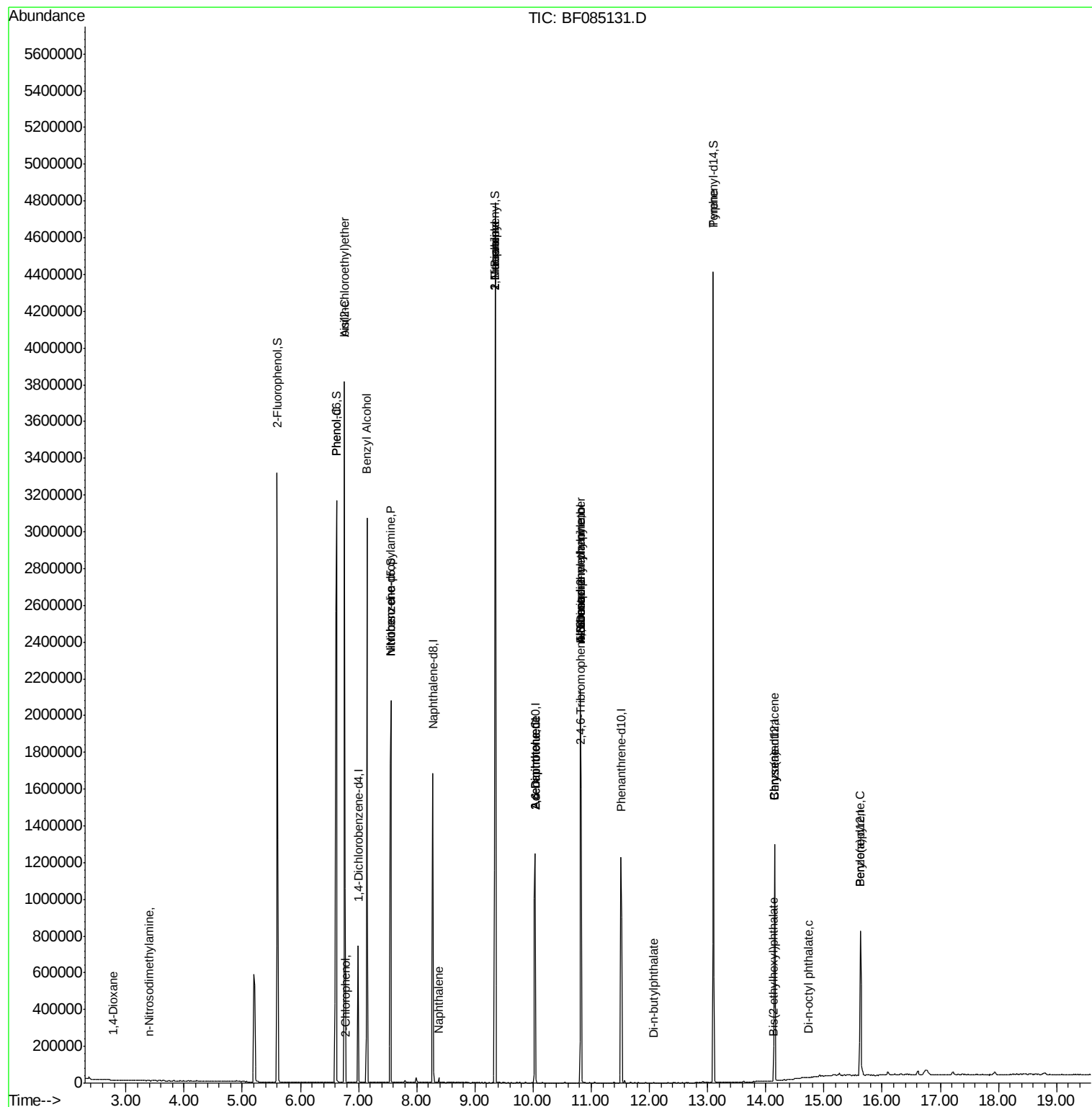
Target Compounds						Qvalue
2) 1,4-Dioxane	2.78	88	588	0.11	ng	# 22
4) n-Nitrosodimethylamine	3.41	42	228	0.04	ng	# 1
6) Aniline	6.76	93	1416	0.07	ng	# 1
8) 2-Chlorophenol	6.78	128	844	0.07	ng	# 33
9) Benzaldehyde	6.62	77	2271	Below Cal		# 4
10) Phenol	6.62	94	217	0.01	ng	# 1
11) bis(2-Chloroethyl)ether	6.76	93	1416	0.12	ng	# 1
15) Benzyl Alcohol	7.14	79	15168	1.53	ng	# 49
19) n-Nitroso-di-n-propylamine	7.56	70	128241	14.35	ng	# 74
24) Nitrobenzene	7.56	77	2527	0.18	ng	# 34
31) Naphthalene	8.38	128	1173	0.03	ng	# 1
45) 1,1'-Biphenyl	9.35	154	3151	0.11	ng	# 1
47) 2-Nitroaniline	9.35	65	2522	0.37	ng	# 1
50) 2,6-Dinitrotoluene	10.04	165	42572	8.29	ng	# 22
51) Acenaphthene	10.04	154	1518	0.08	ng	# 4
56) 2,4-Dinitrotoluene	10.04	165	42572	6.15	ng	# 19
57) Fluorene	10.81	166	14329	0.70	ng	# 88
62) Azobenzene	10.81	77	1652	0.07	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.81	198	751	7.38	ng	# 1
65) n-Nitrosodiphenylamine	10.81	169	9921	0.53	ng	# 45
66) 4-Bromophenyl-phenylether	10.81	248	22769	3.66	ng	# 1
73) Di-n-butylphthalate	12.07	149	1751	0.05	ng	# 78
77) Pyrene	13.10	202	4650	0.17	ng	# 70
80) Benzo(a)anthracene	14.15	228	879	0.04	ng	# 64
82) Chrysene	14.15	228	879	0.04	ng	# 60
83) Bis(2-ethylhexyl)phthalate	14.13	149	530	0.04	ng	# 53
84) Di-n-octyl phthalate	14.73	149	265	0.01	ng	# 74
89) Benzo(a)pyrene	15.63	252	1081	0.05	ng	# 37

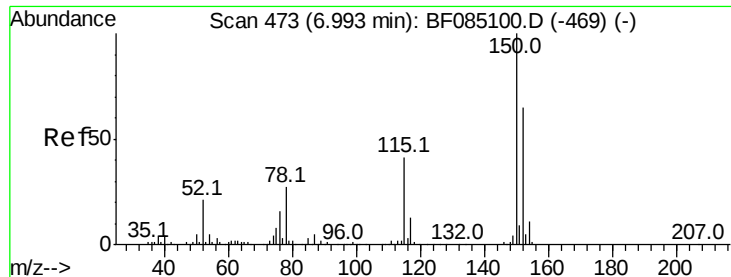
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

Instrument :

BNA_F

ClientSampleId :

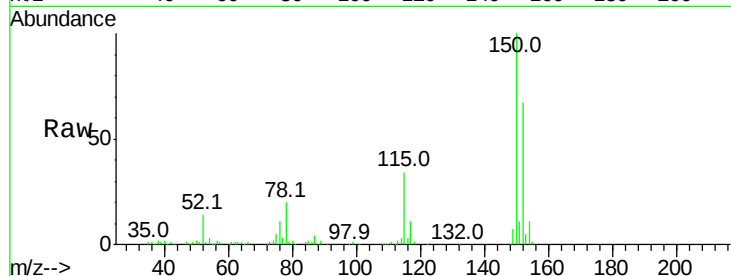
Tot Ion:152 Resp: 167918

Ion Ratio Lower Upper

152 100

150 149.0 123.4 185.0

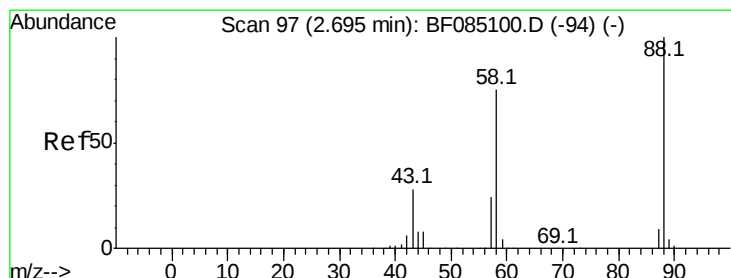
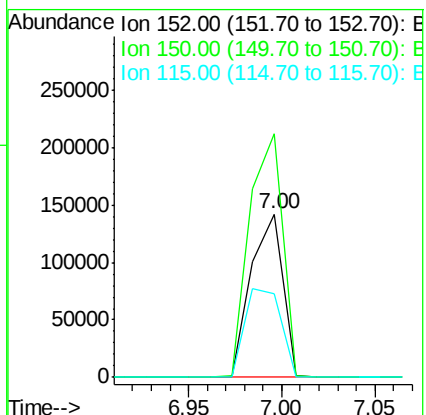
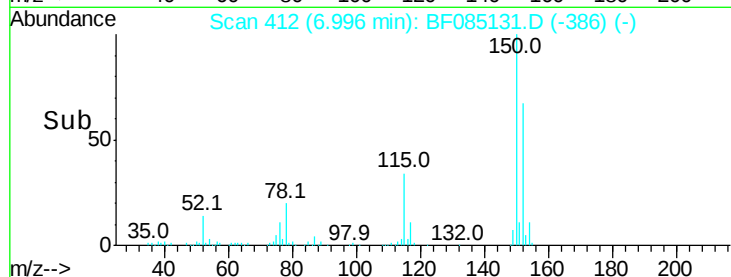
115 51.3 50.0 75.0



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: 0.11 ng

RT: 2.78 min Scan# 43

Delta R.T. 0.08 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

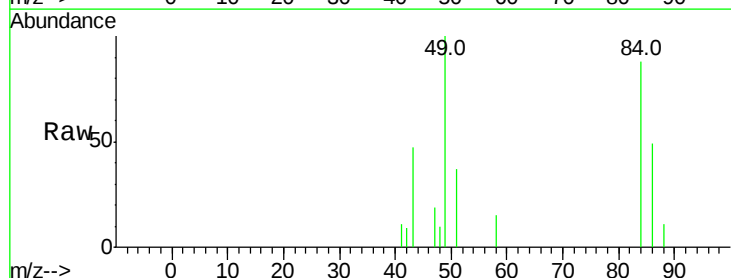
Tgt Ion: 88 Resp: 588

Ion Ratio Lower Upper

88 100

58 0.0 58.4 87.6#

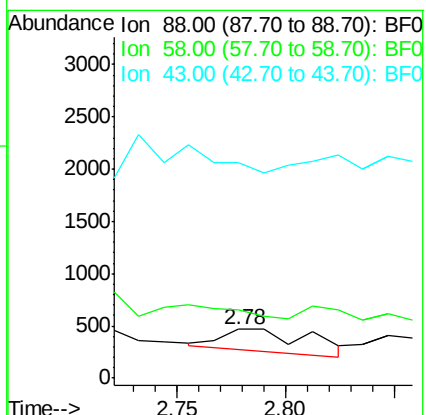
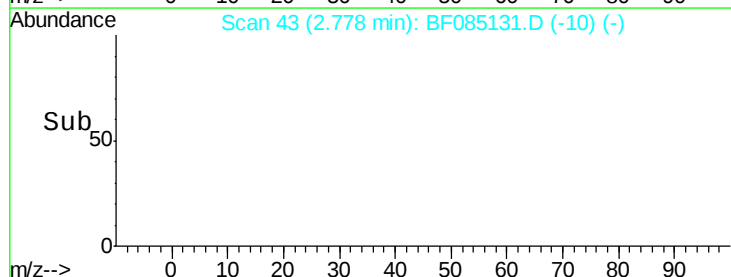
43 0.0 22.2 33.4#

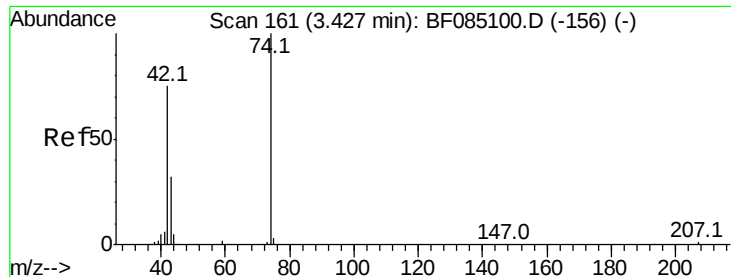


Abundance Ion 88.00 (87.70 to 88.70): BF0

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: 3.41 min Scan# 98

Delta R.T. -0.02 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

Instrument :

BNA_F

ClientSampleId :

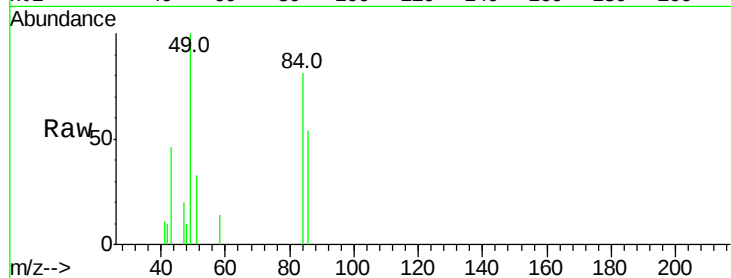
Tot Ion: 42 Resp: 228

Ion Ratio Lower Upper

42 100

74 0.0 106.6 160.0#

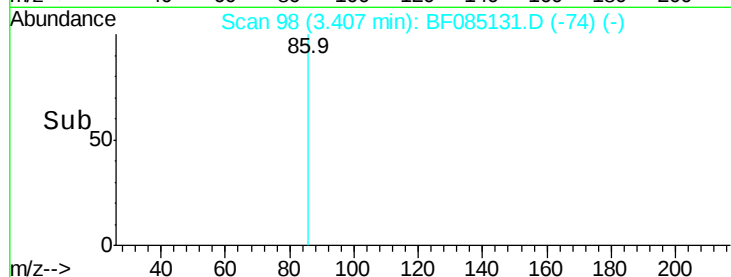
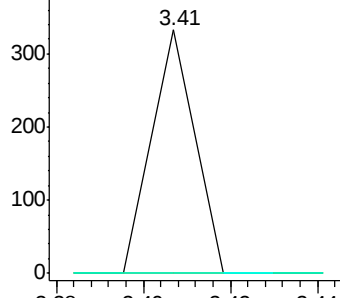
44 0.0 5.4 8.2#



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: 107.19 ng

RT: 5.60 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

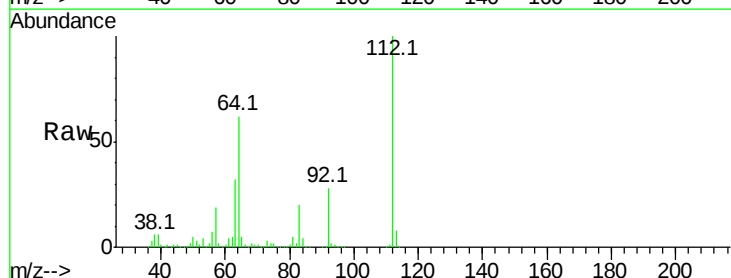
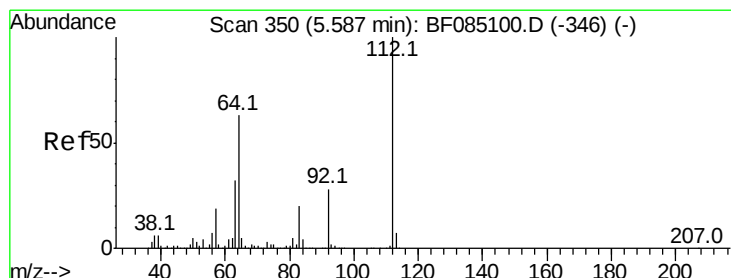
Tgt Ion: 112 Resp: 1108671

Ion Ratio Lower Upper

112 100

64 62.4 50.6 76.0

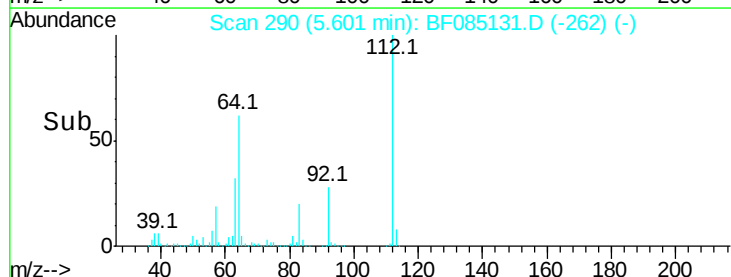
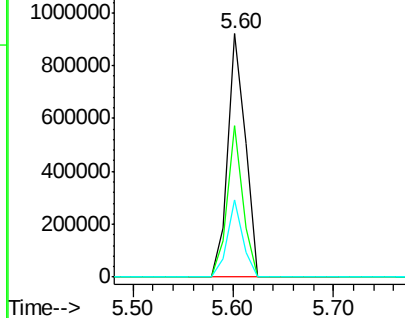
63 31.9 25.5 38.3

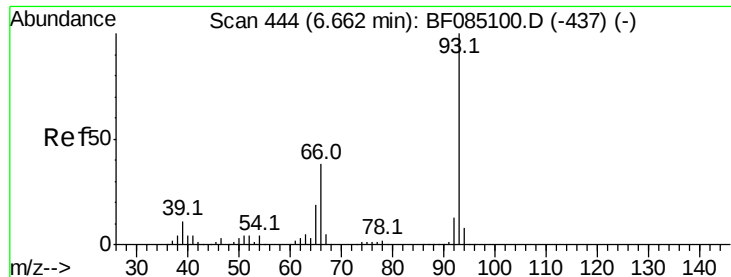


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.07 ng

RT: 6.76 min Scan# 391

Delta R.T. 0.09 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

Instrument :

BNA_F

ClientSampleId :

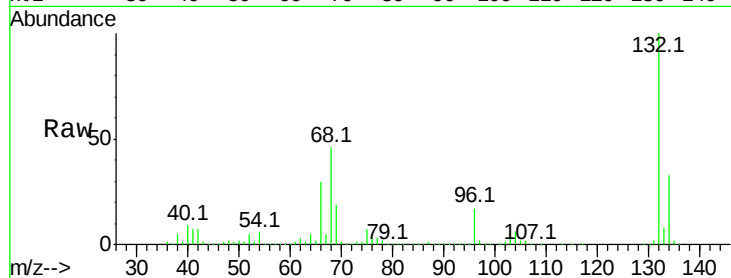
Tot Ion: 93 Resp: 1416

Ion Ratio Lower Upper

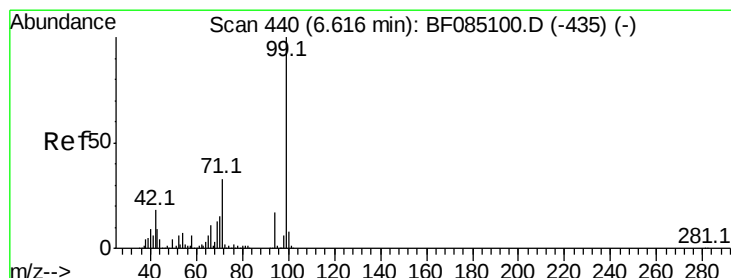
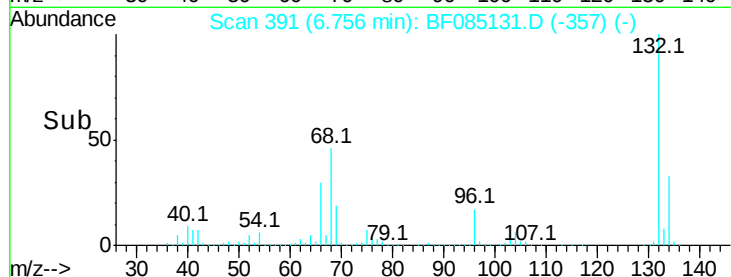
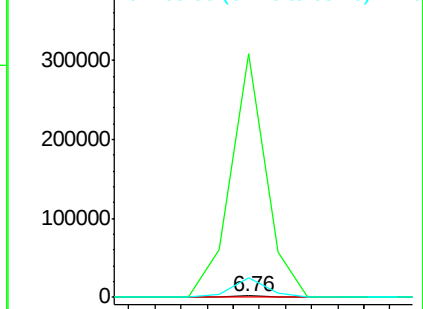
93 100

66 20101.2 30.1 45.1#

65 1568.2 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



#7

Phenol-d6

Concen: 117.21 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

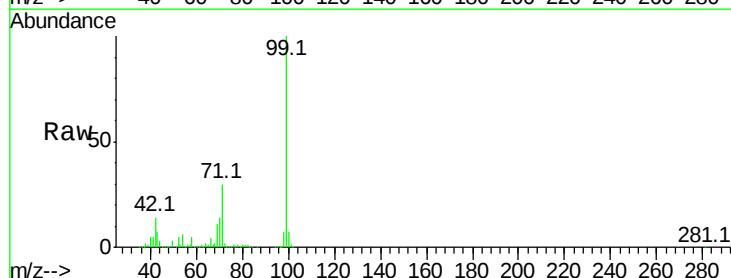
Tgt Ion: 99 Resp: 1589253

Ion Ratio Lower Upper

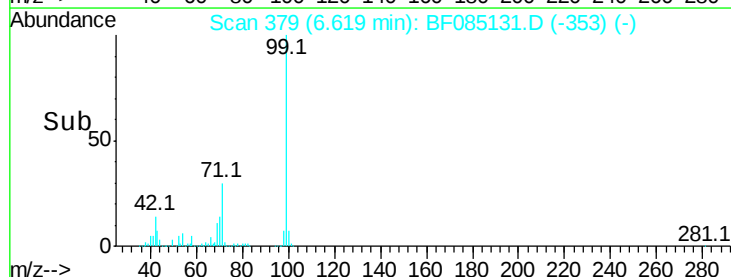
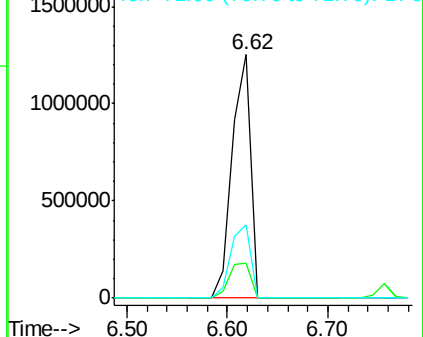
99 100

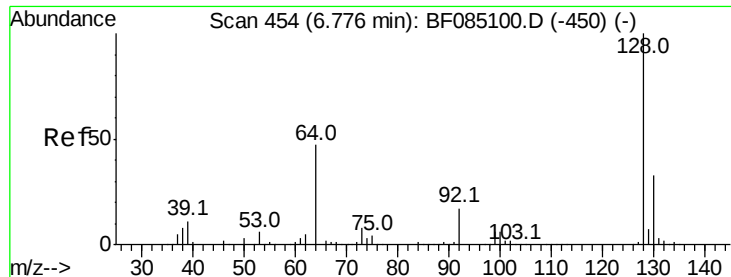
42 14.1 14.1 21.1

71 30.0 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





#8

2-Chlorophenol

Concen: 0.07 na

RT: 6.78 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

Instrument :

BNA_F

ClientSampleId :

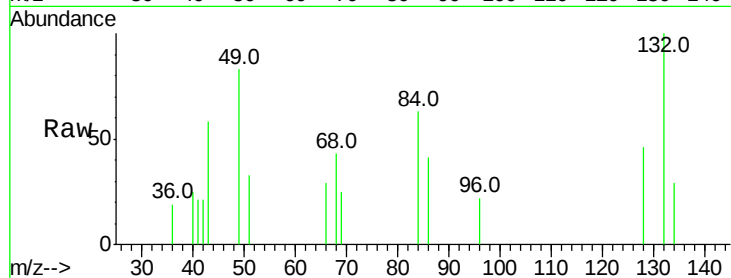
Tot Ion:128 Resp: 844

Ion Ratio Lower Upper

128 100

130 0.0 13.1 53.1#

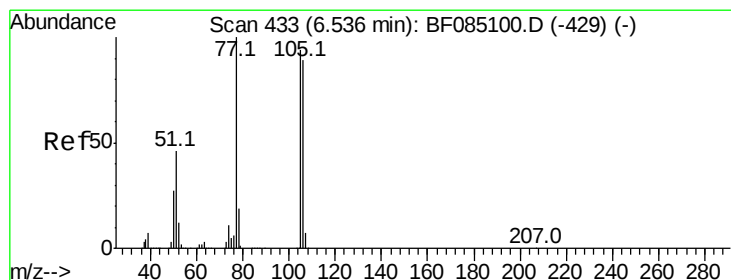
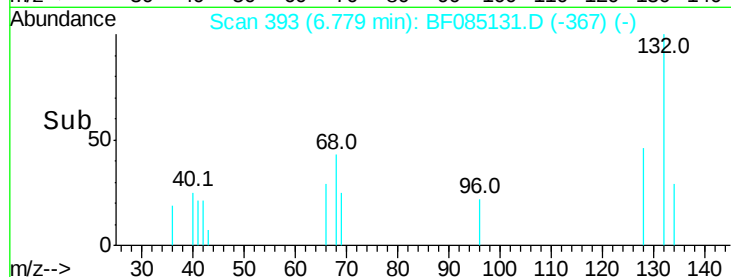
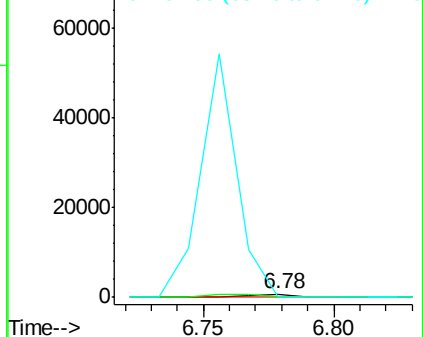
64 0.0 29.6 69.6#



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: BF085131.D

Acq: 2 Mar 2016 20:47

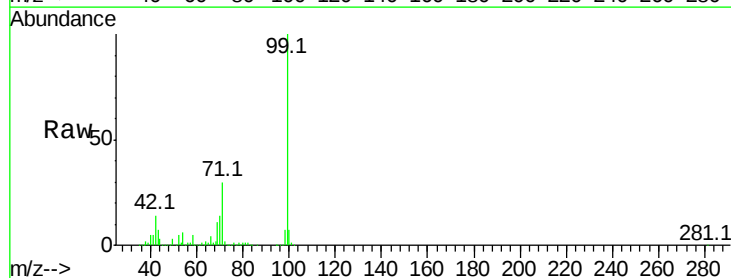
Tgt Ion: 77 Resp: 2271

Ion Ratio Lower Upper

77 100

105 0.0 73.7 113.7#

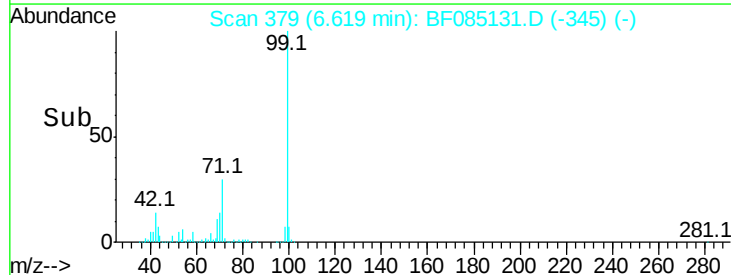
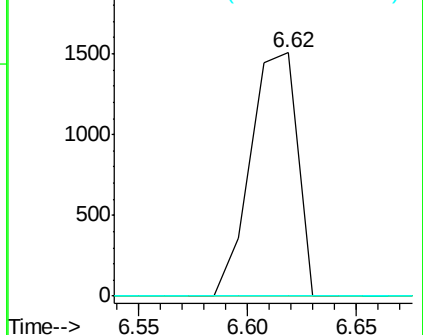
106 0.0 69.2 109.2#

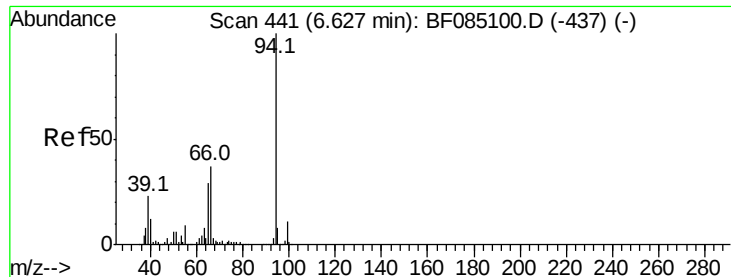


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.01 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

Instrument :

BNA_F

ClientSampleId :

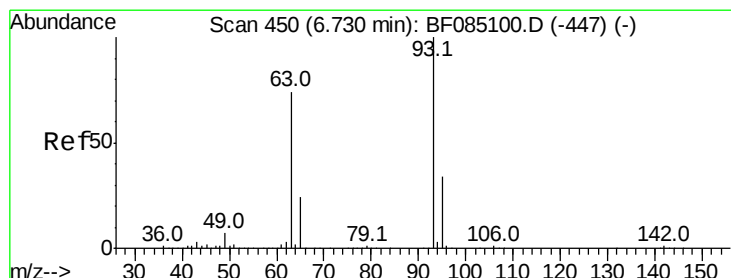
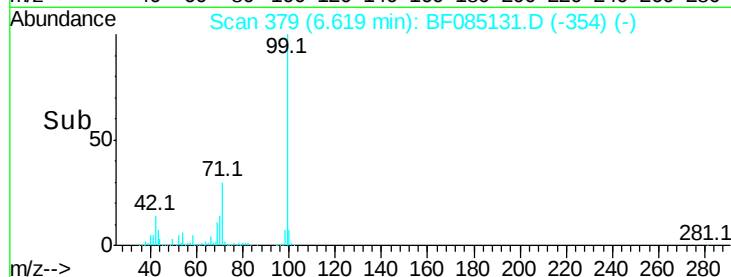
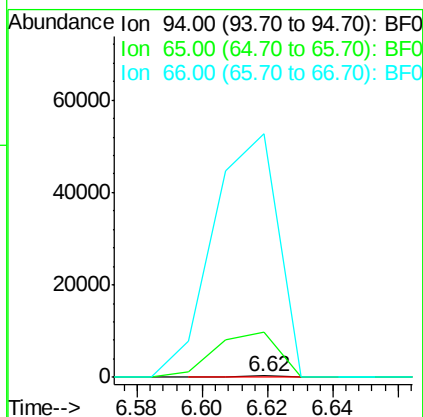
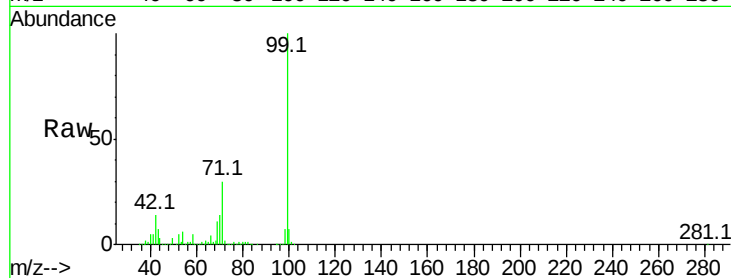
Tot Ion: 94 Resp: 217

Ion Ratio Lower Upper

94 100

65 3106.9 9.1 49.1#

66 16613.2 17.5 57.5#



#11

bis(2-Chloroethyl)ether

Concen: 0.12 ng

RT: 6.76 min Scan# 391

Delta R.T. 0.03 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

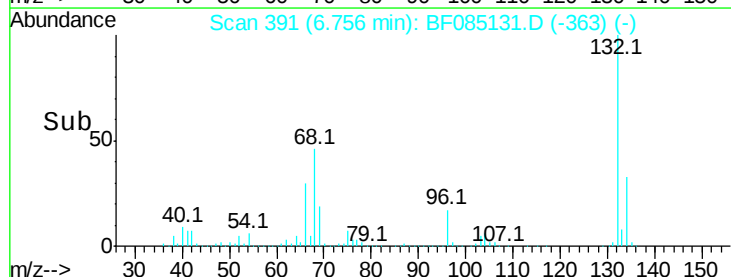
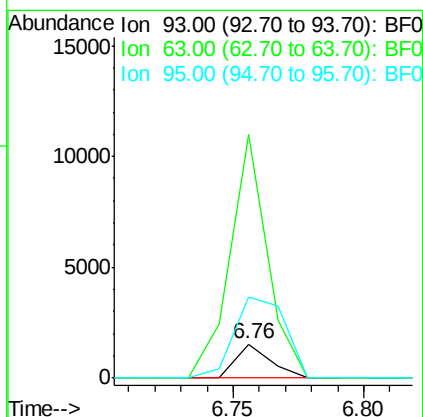
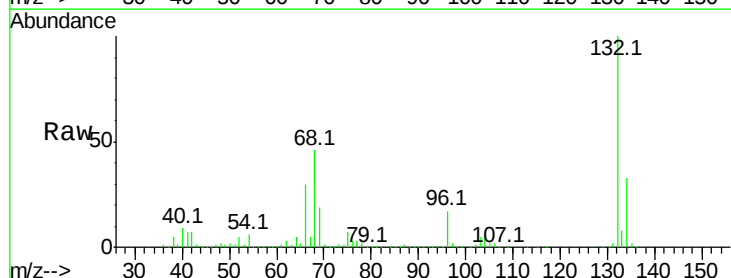
Tgt Ion: 93 Resp: 1416

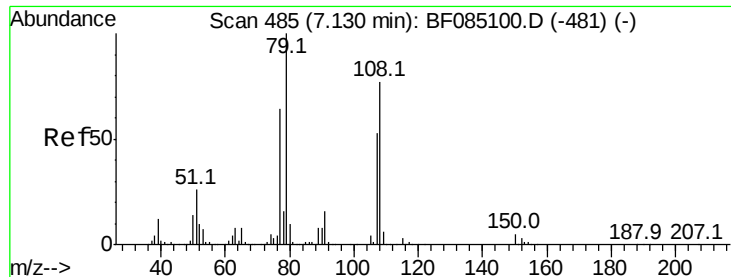
Ion Ratio Lower Upper

93 100

63 716.1 53.9 93.9#

95 238.6 13.8 53.8#





#15

Benzyl Alcohol

Concen: 1.53 ng

RT: 7.14 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

Instrument :

BNA_F

ClientSampled :

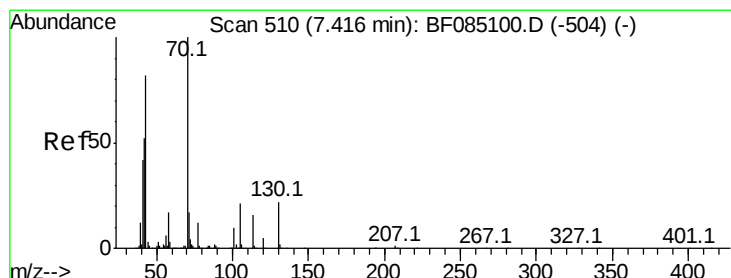
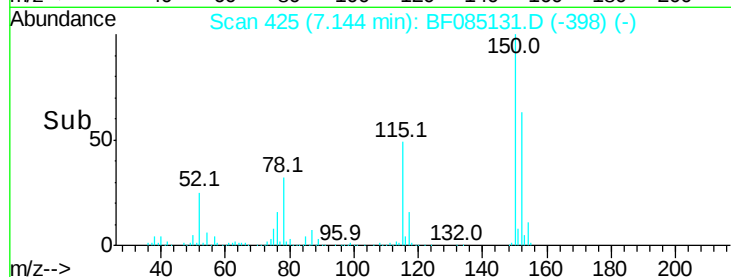
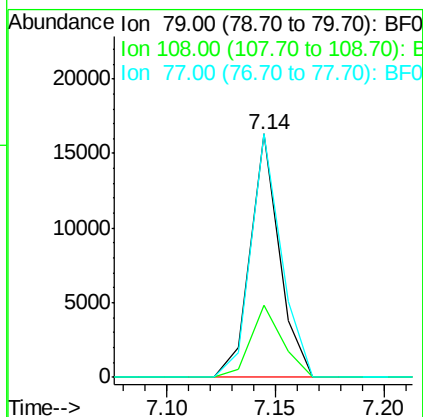
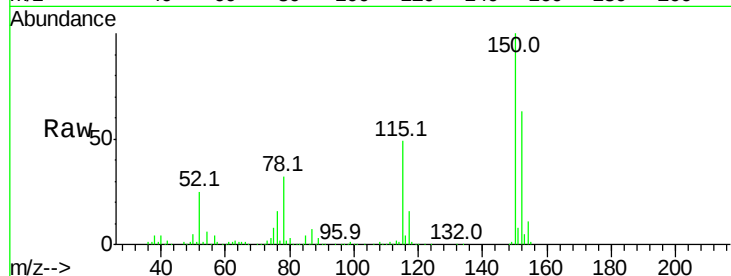
Tot Ion: 79 Resp: 15168

Ion Ratio Lower Upper

79 100

108 29.6 61.8 92.6#

77 100.0 51.2 76.8#



#19

n-Nitroso-di-n-propylamine

Concen: 14.35 ng

RT: 7.56 min Scan# 461

Delta R.T. 0.14 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

Tgt Ion: 70 Resp: 128241

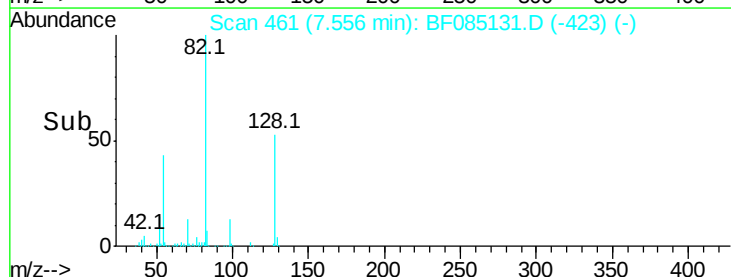
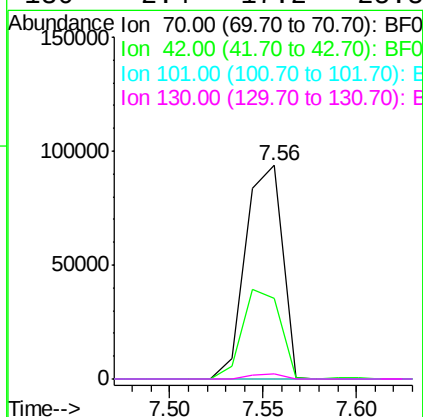
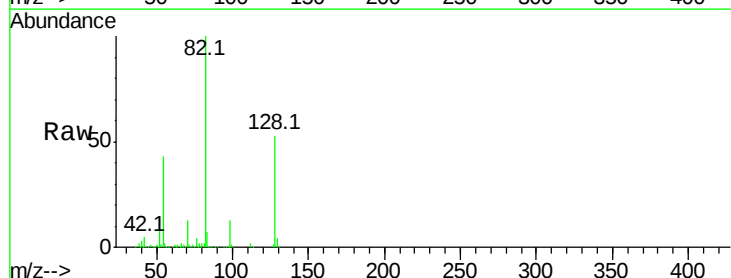
Ion Ratio Lower Upper

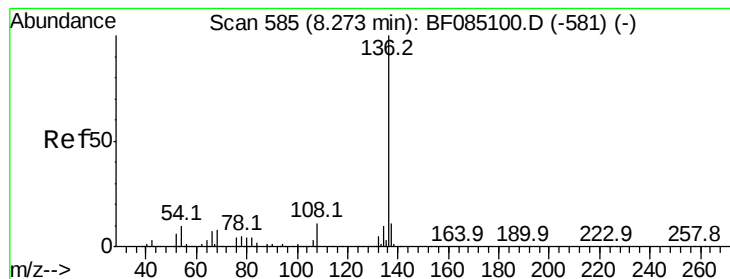
70 100

42 38.0 41.9 62.9#

101 0.0 7.8 11.8#

130 2.4 17.2 25.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085131.D

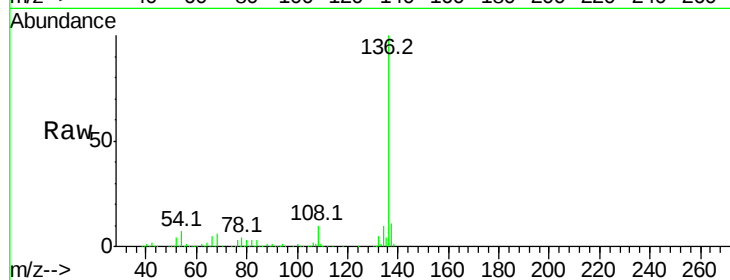
Acq: 2 Mar 2016 20:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	736501
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.4	8.5	12.7#
68	6.0	6.4	9.6#

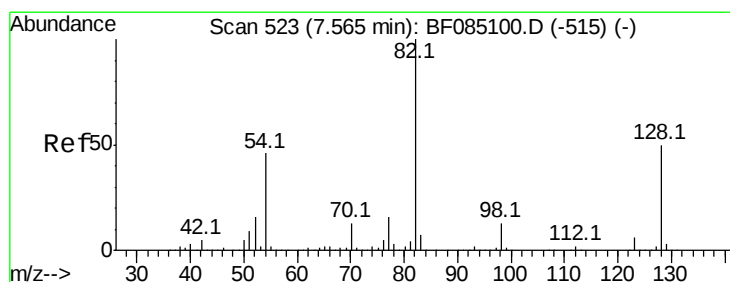
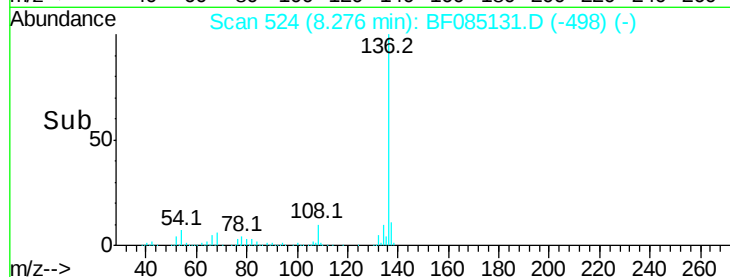
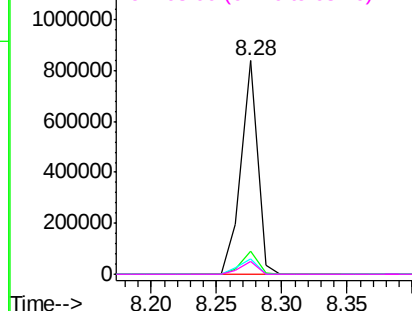


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 69.92 ng

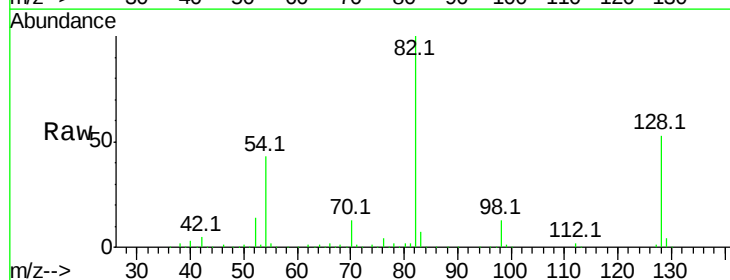
RT: 7.56 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

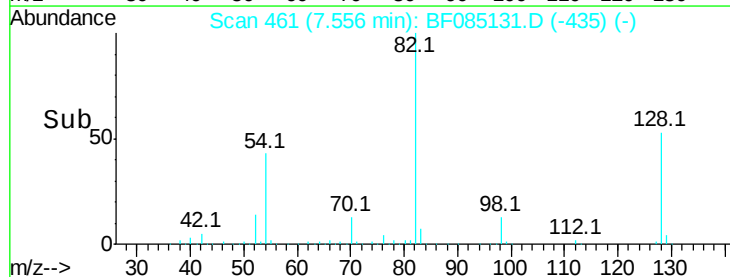
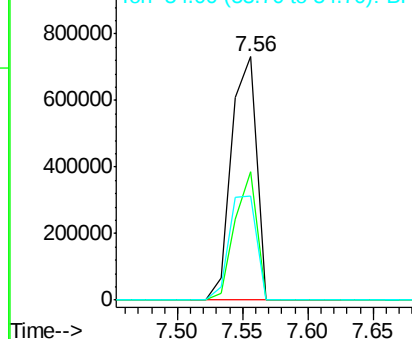
Tgt Ion:	82	Resp:	967885
Ion	Ratio	Lower	Upper
82	100		
128	52.5	39.8	59.6
54	42.7	36.6	54.8

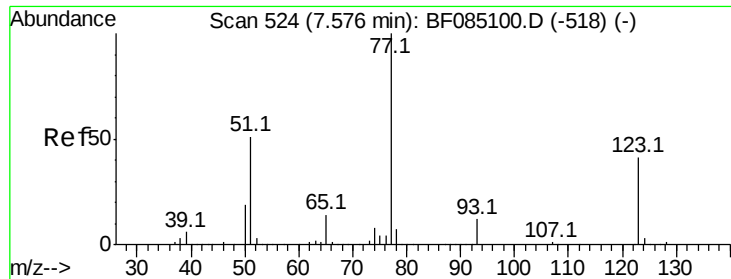


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

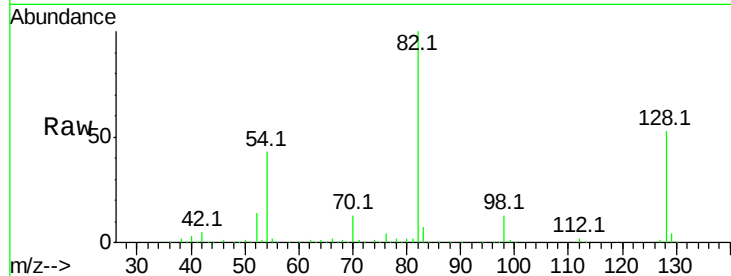




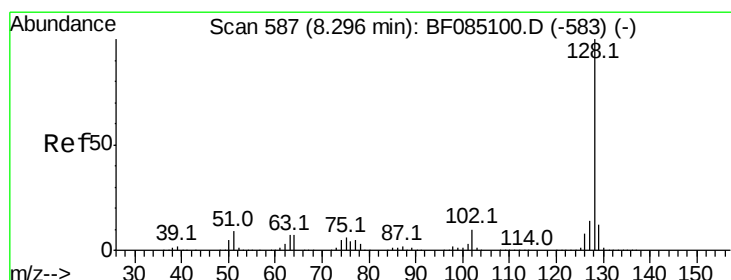
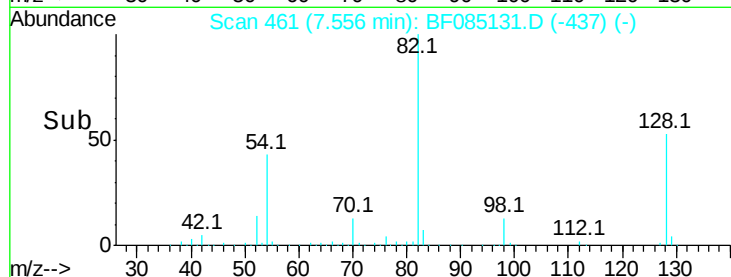
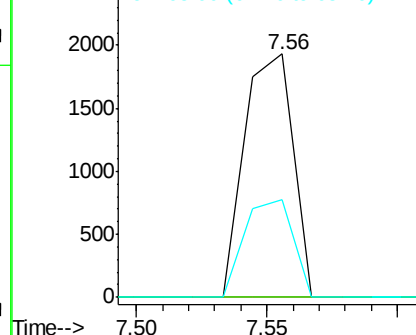
#24
Nitrobenzene
Concen: 0.18 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF085131.D
Acq: 2 Mar 2016 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2527
Ion Ratio Lower Upper
77 100
123 0.0 33.4 50.2#
65 40.2 10.9 16.3#

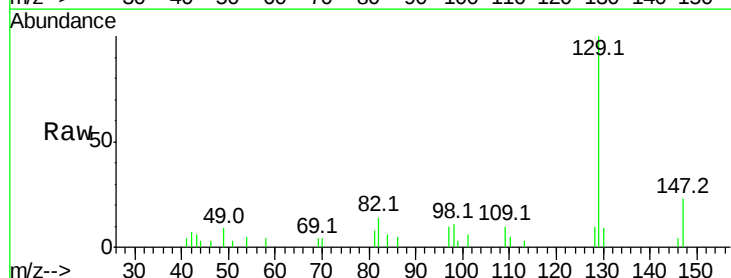


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF0

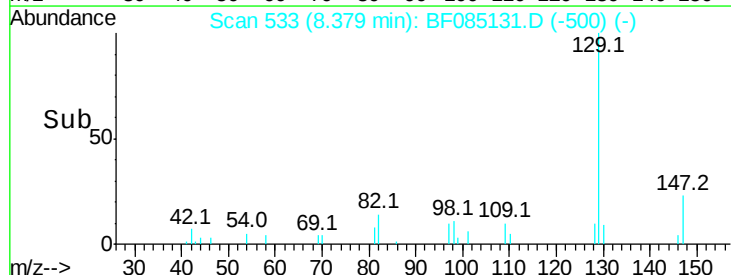
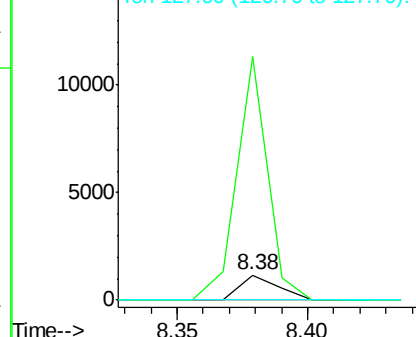


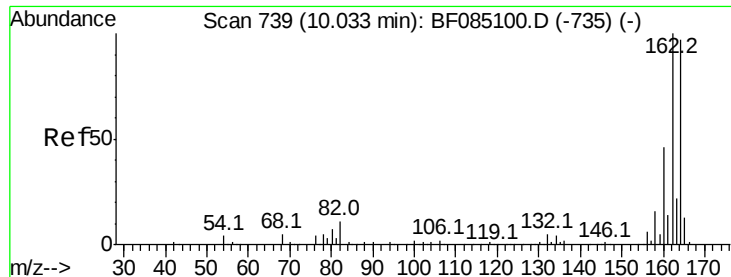
#31
Naphthalene
Concen: 0.03 ng
RT: 8.38 min Scan# 533
Delta R.T. 0.08 min
Lab File: BF085131.D
Acq: 2 Mar 2016 20:47

Tgt Ion:128 Resp: 1173
Ion Ratio Lower Upper
128 100
129 961.9 9.7 14.5#
127 0.0 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

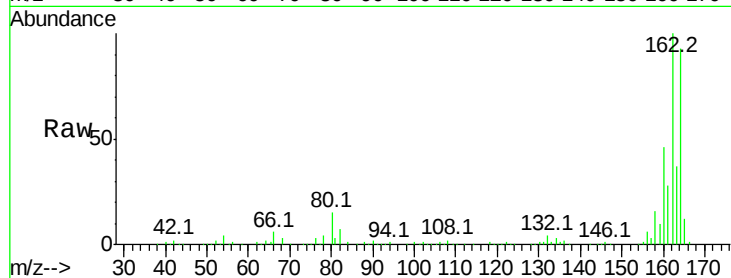




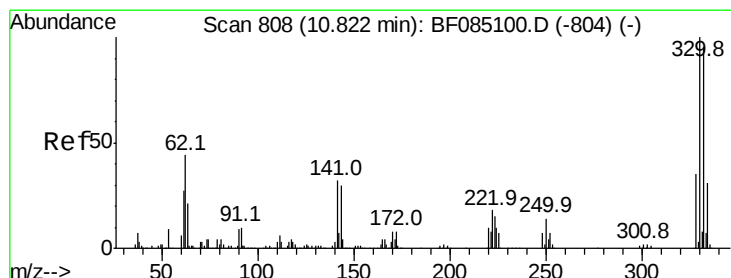
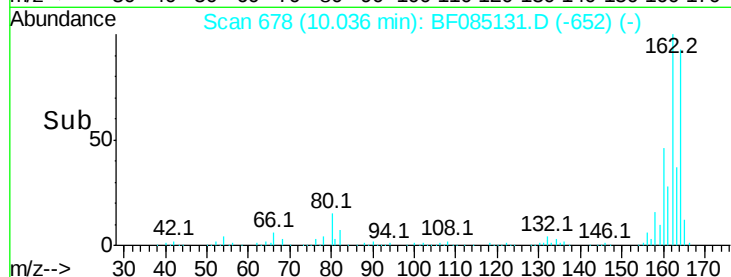
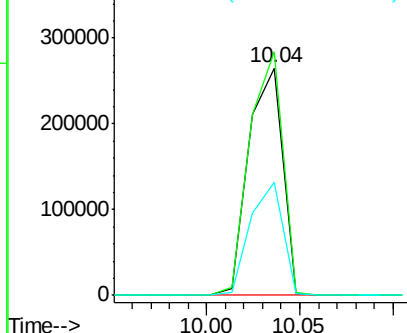
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085131.D
Acq: 2 Mar 2016 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 333878
Ion Ratio Lower Upper
164 100
162 107.1 82.6 123.8
160 49.8 38.2 57.2

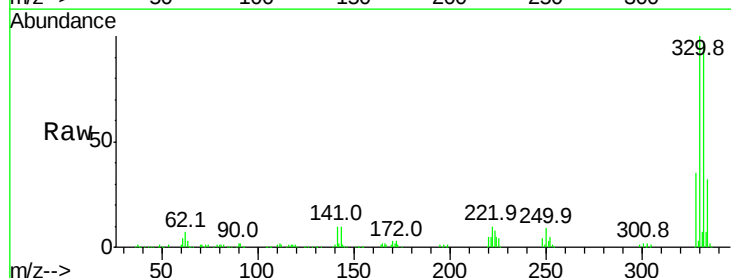


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

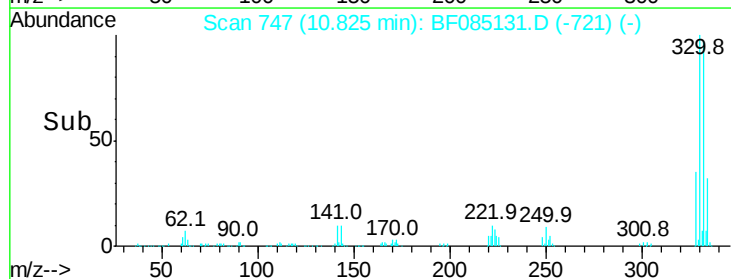
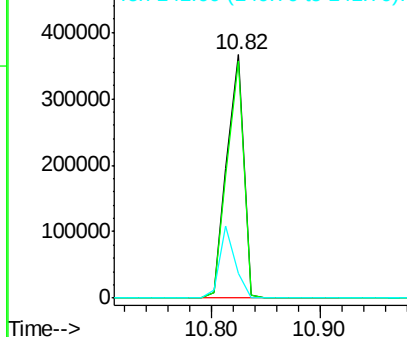


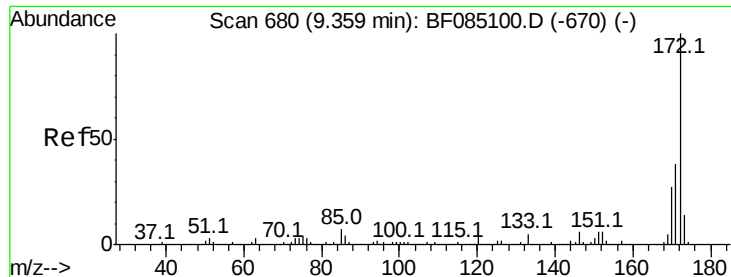
#41
2,4,6-Tribromophenol
Concen: 118.04 ng
RT: 10.82 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF085131.D
Acq: 2 Mar 2016 20:47

Tgt Ion:330 Resp: 396047
Ion Ratio Lower Upper
330 100
332 96.4 75.9 113.9
141 27.5 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



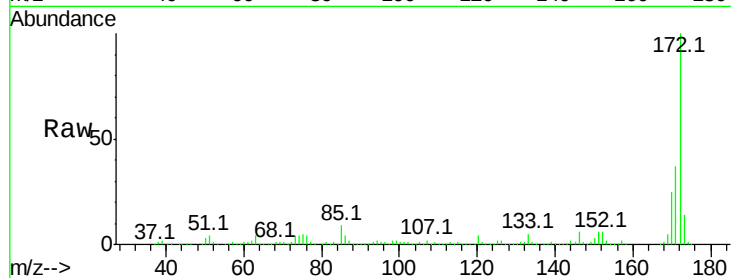


#44
 2-Fluorobiphenyl
 Concen: 64.56 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085131.D
 Acq: 2 Mar 2016 20:47

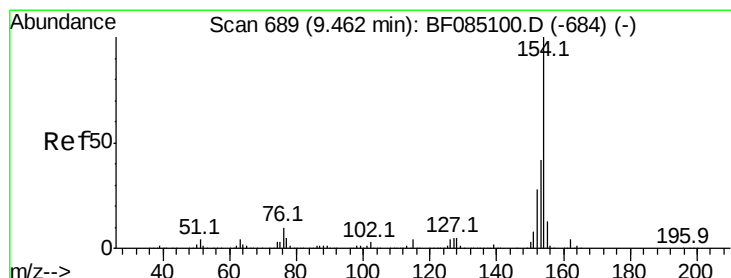
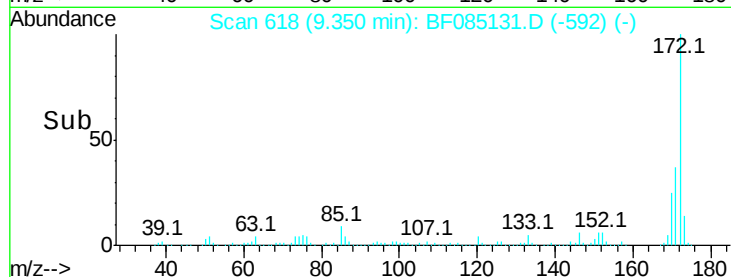
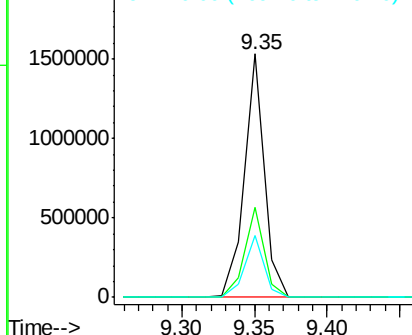
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1463597

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	25.2	21.2	31.8



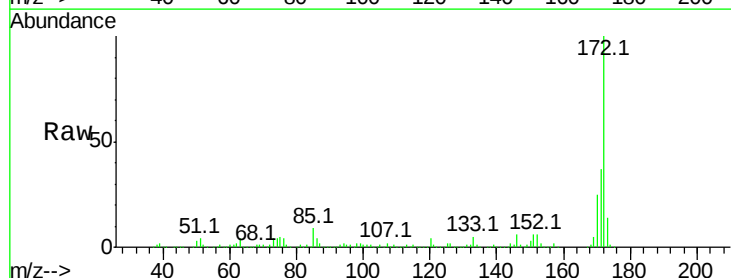
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



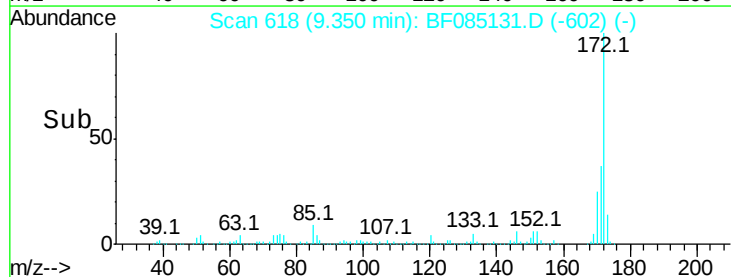
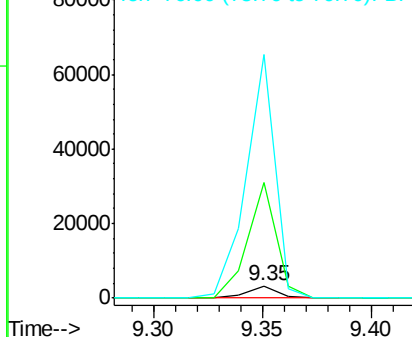
#45
 1,1'-Biphenyl
 Concen: 0.11 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.11 min
 Lab File: BF085131.D
 Acq: 2 Mar 2016 20:47

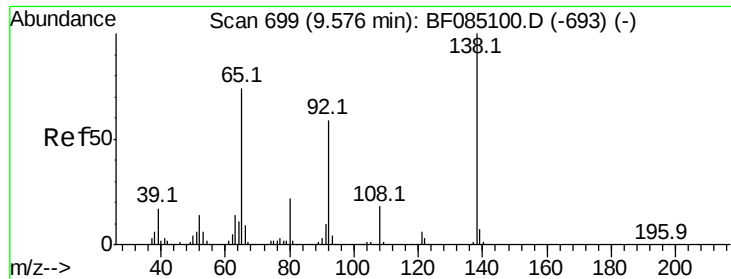
Tgt Ion:154 Resp: 3151

Ion	Ratio	Lower	Upper
154	100		
153	930.2	21.5	61.5#
76	1957.4	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

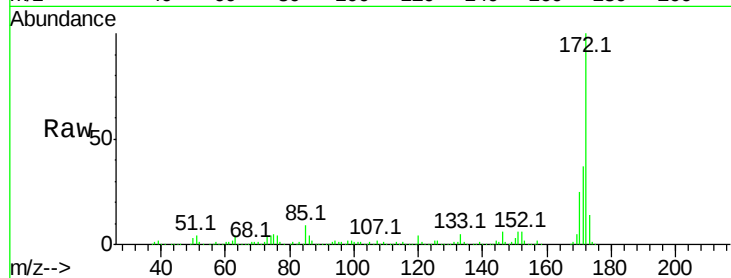




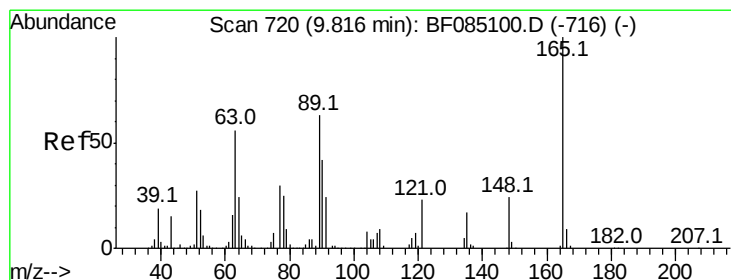
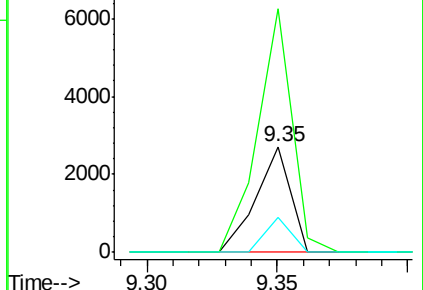
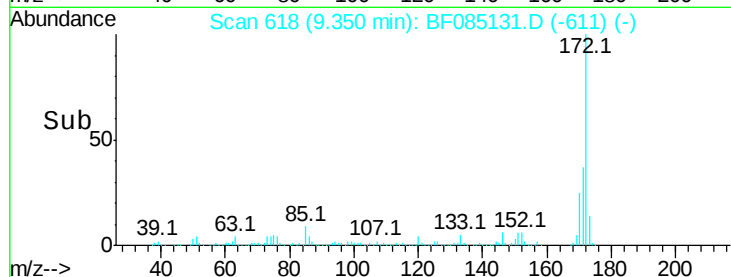
#47
2-Nitroaniline
Concen: 0.37 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.23 min
Lab File: BF085131.D
Acq: 2 Mar 2016 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 2522
Ion Ratio Lower Upper
65 100
92 229.8 63.8 95.6#
138 33.0 108.5 162.7#

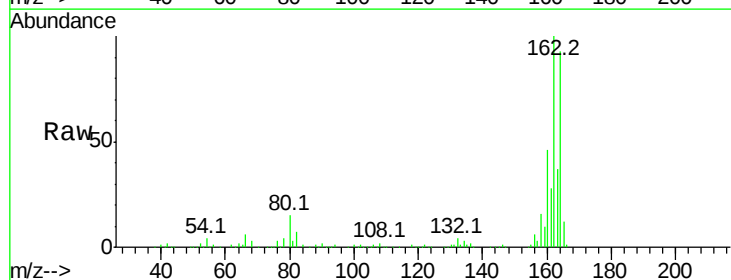


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

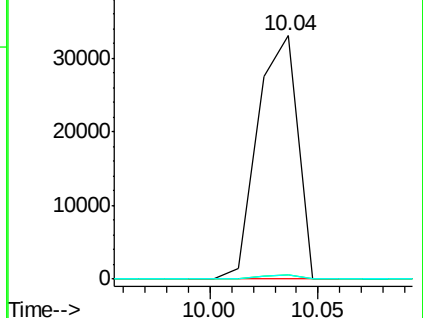
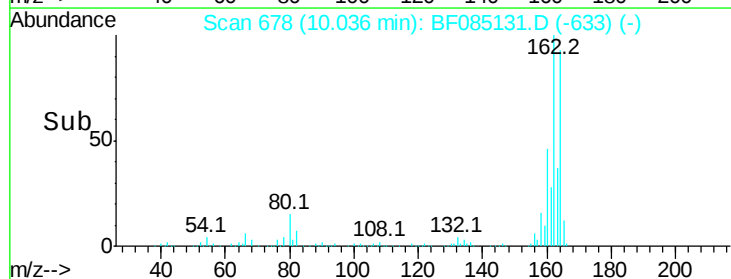


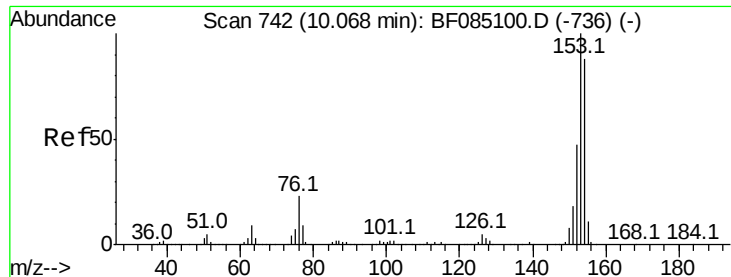
#50
2,6-Dinitrotoluene
Concen: 8.29 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.22 min
Lab File: BF085131.D
Acq: 2 Mar 2016 20:47

Tgt Ion:165 Resp: 42572
Ion Ratio Lower Upper
165 100
63 1.6 47.4 71.2#
89 1.8 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: 0.08 ng

RT: 10.04 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

Instrument :

BNA_F

ClientSampleId :

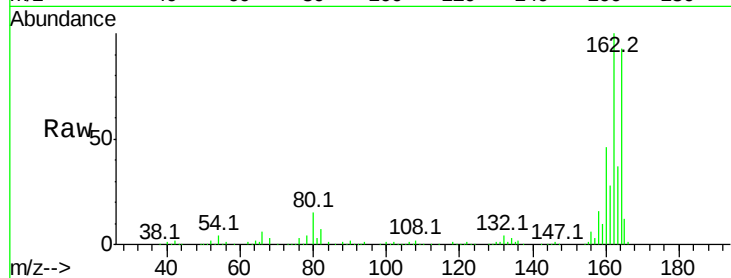
Tot Ion:154 Resp: 1518

Ion Ratio Lower Upper

154 100

153 0.0 91.0 136.6#

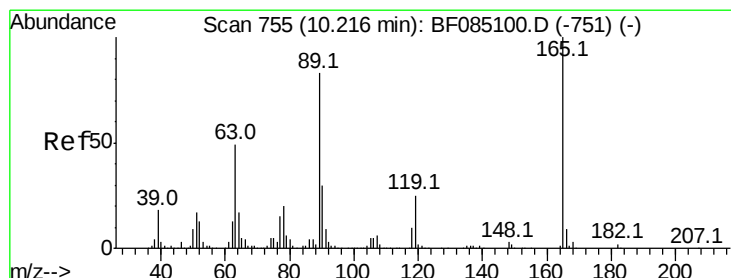
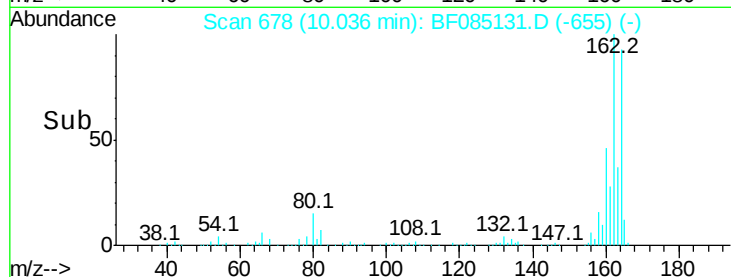
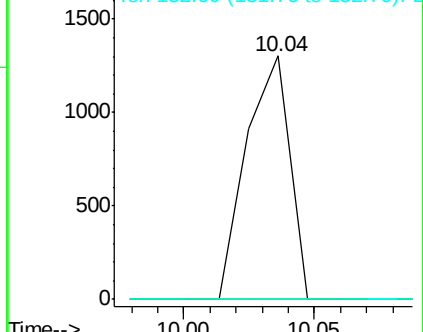
152 0.0 43.0 64.6#



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: 6.15 ng

RT: 10.04 min Scan# 678

Delta R.T. -0.18 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

Tgt Ion:165 Resp: 42572

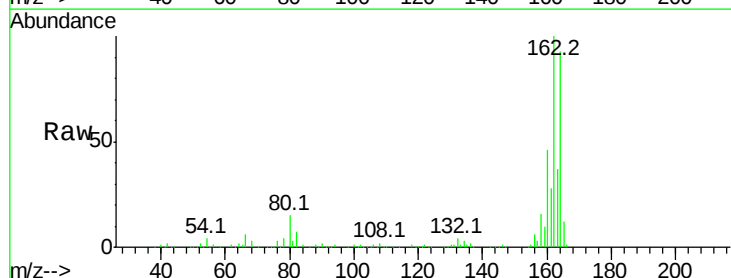
Ion Ratio Lower Upper

165 100

63 1.6 39.2 58.8#

89 1.8 66.2 99.4#

182 0.0 1.8 2.8#

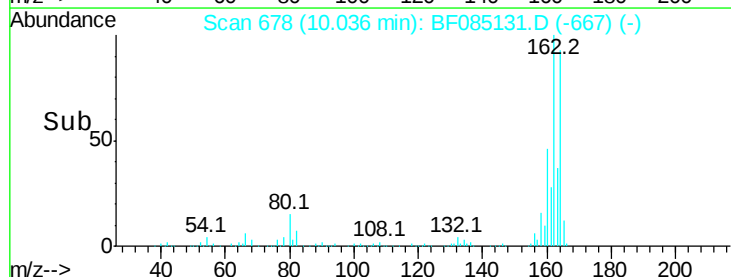
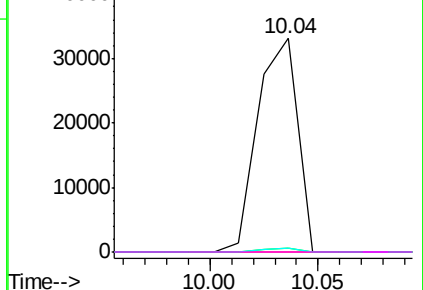


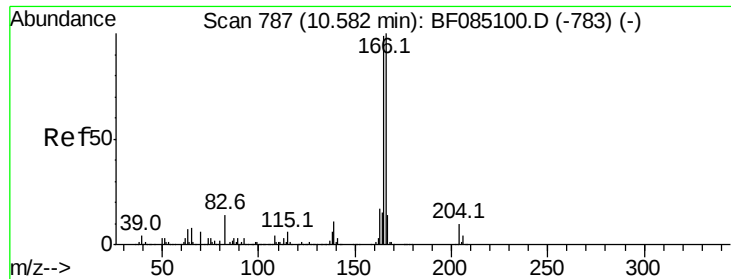
Abundance Ion 165.00 (164.70 to 165.70): E

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

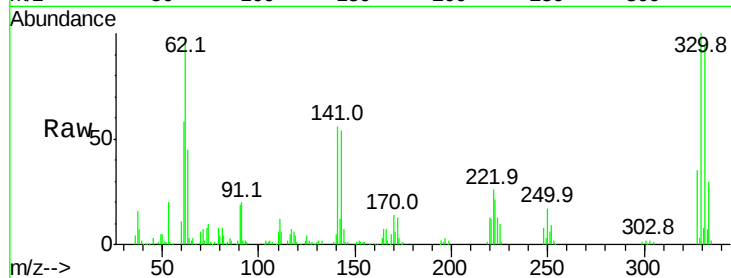




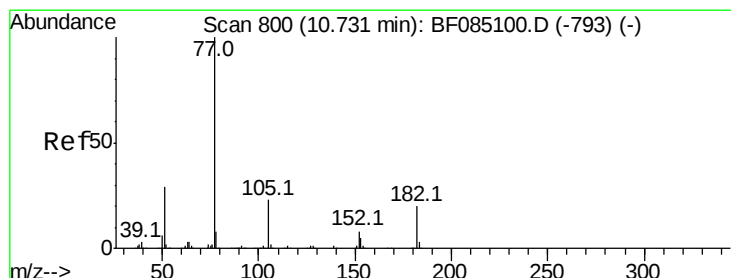
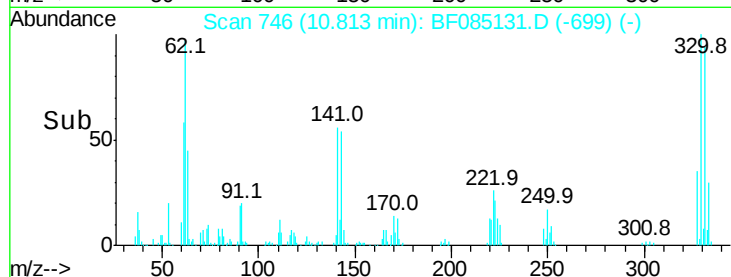
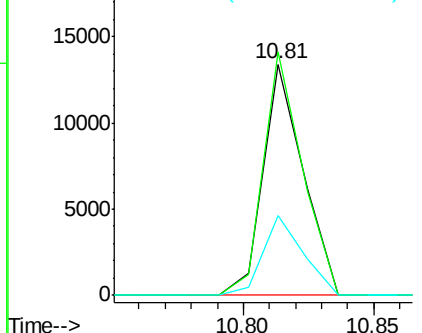
#57
Fluorene
Concen: 0.70 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.23 min
Lab File: BF085131.D
Acq: 2 Mar 2016 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:166 Resp: 14329
Ion Ratio Lower Upper
166 100
165 105.4 79.4 119.2
167 34.6 11.2 16.8#



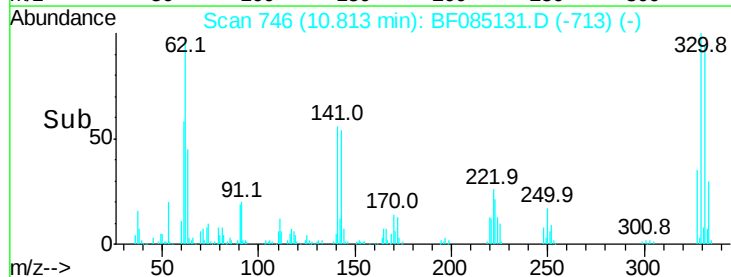
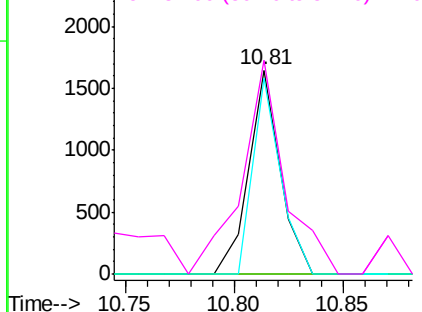
Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

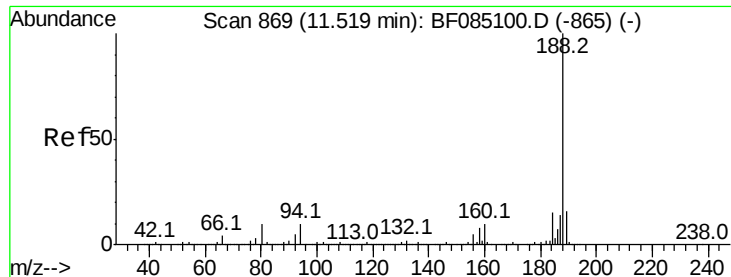


#62
Azobenzene
Concen: 0.07 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.08 min
Lab File: BF085131.D
Acq: 2 Mar 2016 20:47

Tgt Ion: 77 Resp: 1652
Ion Ratio Lower Upper
77 100
182 0.0 0.0 39.8
105 96.1 2.7 42.7#
51 104.9 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: BF085131.D

Acq: 2 Mar 2016 20:47

Instrument :

BNA_F

ClientSampleId :

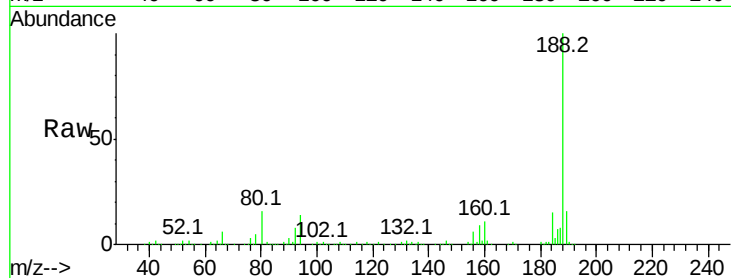
Tot Ion:188 Resp: 591871

Ion Ratio Lower Upper

188 100

94 14.3 7.8 11.6#

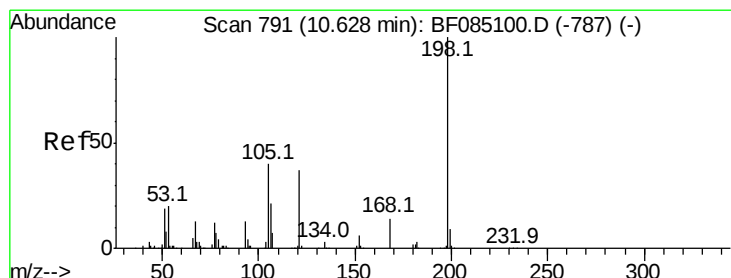
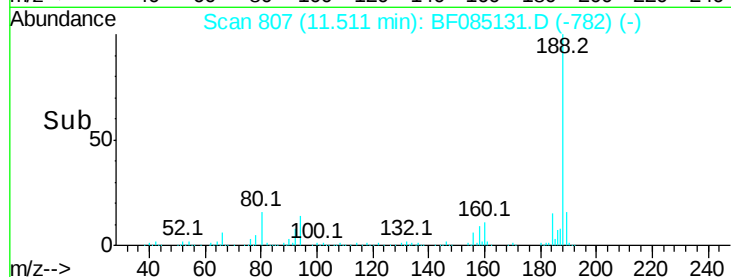
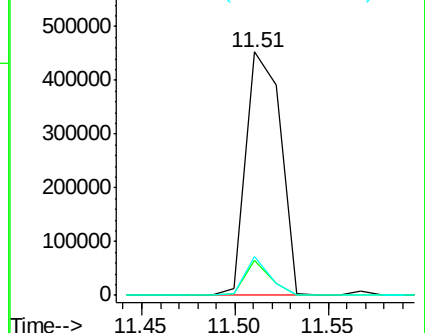
80 16.0 8.2 12.4#



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: 7.38 ng

RT: 10.81 min Scan# 746

Delta R.T. 0.19 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

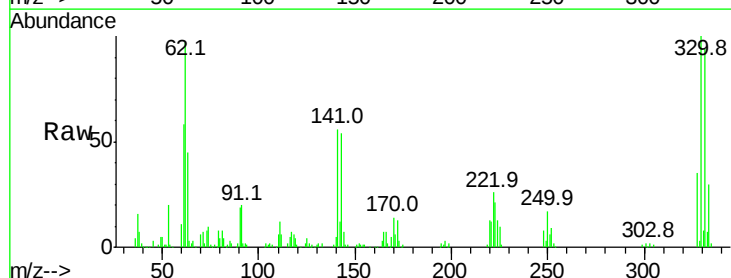
Tgt Ion:198 Resp: 751

Ion Ratio Lower Upper

198 100

51 269.3 12.5 52.5#

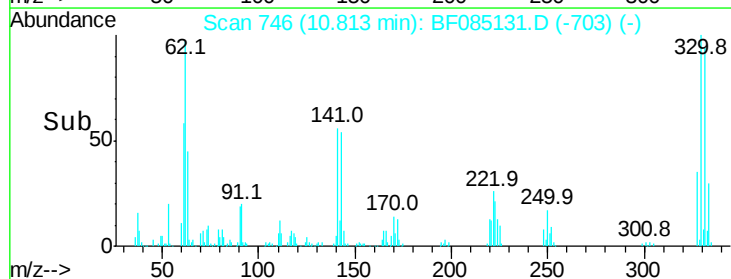
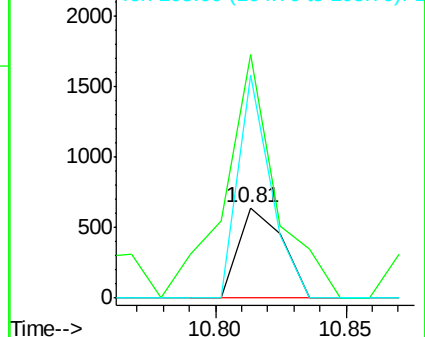
105 246.6 20.2 60.2#

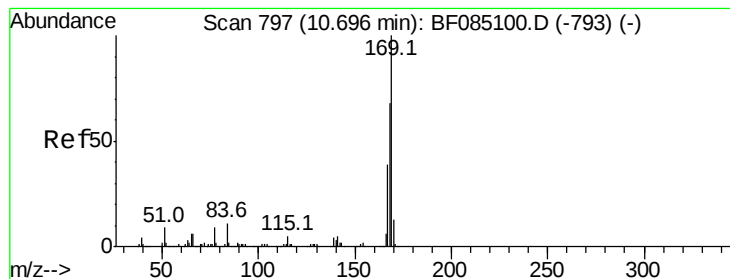


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 0.53 ng

RT: 10.81 min Scan# 746

Delta R.T. 0.12 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

Instrument :

BNA_F

ClientSampleId :

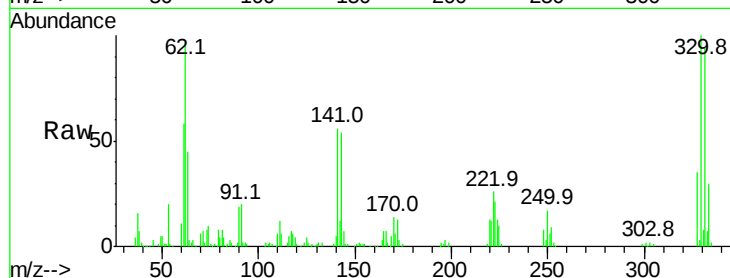
Tot Ion:169 Resp: 9921

Ion Ratio Lower Upper

169 100

168 6.8 54.6 81.8#

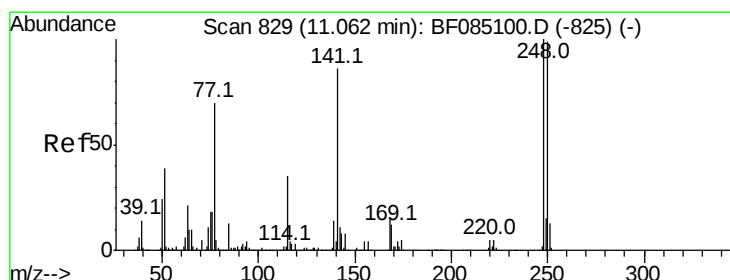
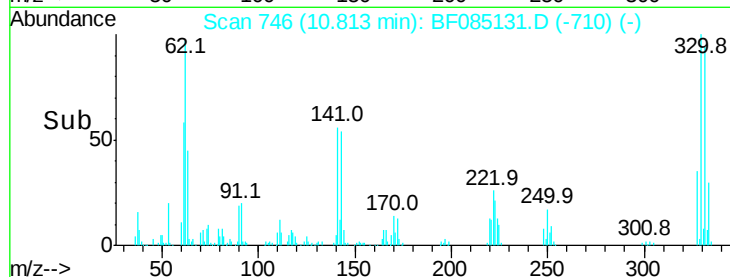
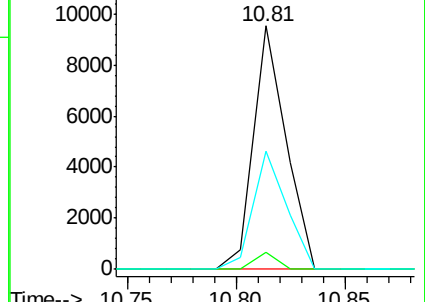
167 48.6 30.8 46.2#



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: 3.66 ng

RT: 10.81 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

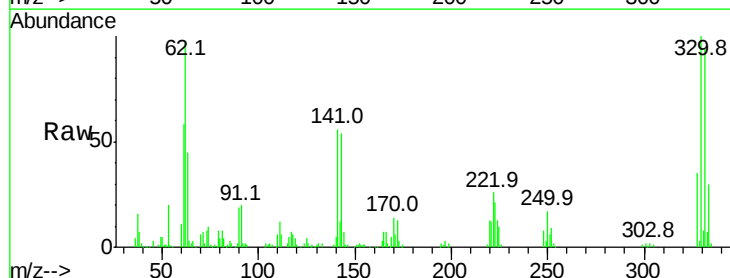
Tgt Ion:248 Resp: 22769

Ion Ratio Lower Upper

248 100

250 202.6 79.0 118.4#

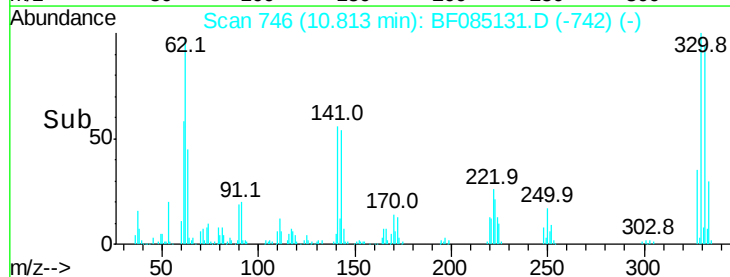
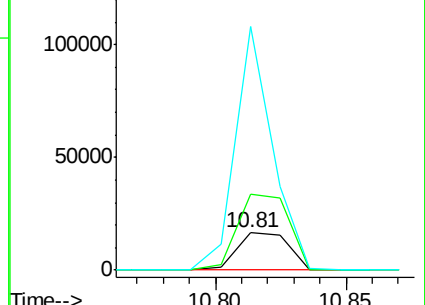
141 654.8 68.6 103.0#

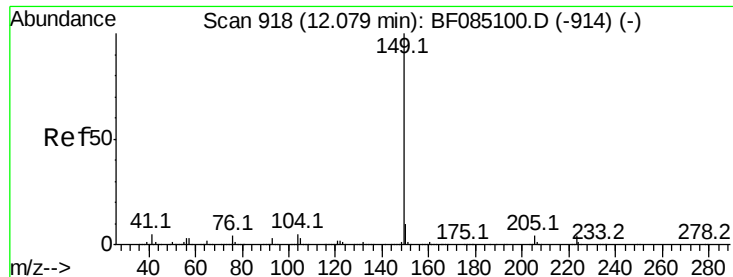


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 0.05 ng

RT: 12.07 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

Instrument :

BNA_F

ClientSampleId :

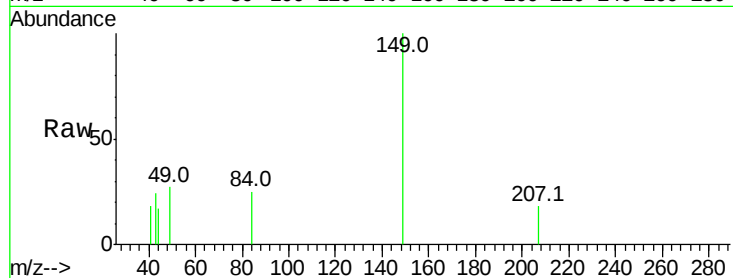
Tot Ion:149 Resp: 1751

Ion Ratio Lower Upper

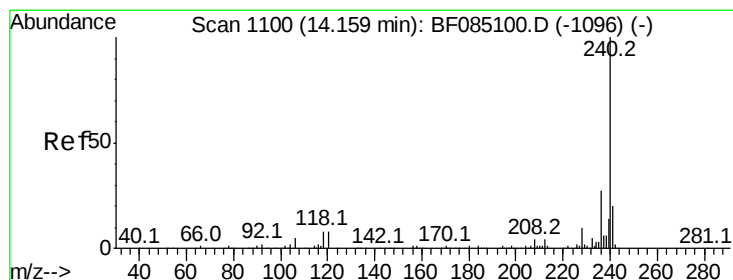
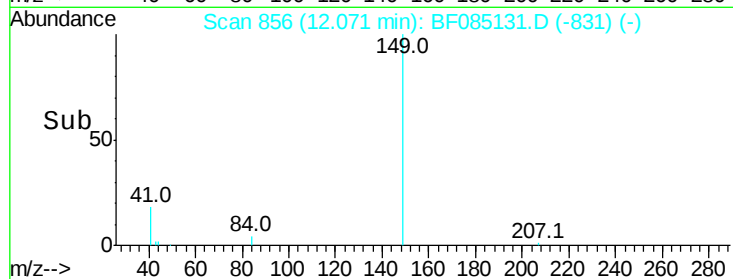
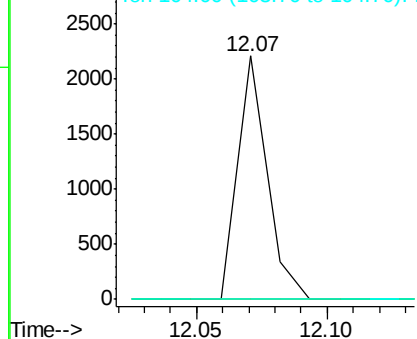
149 100

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: BF085131.D

Acq: 2 Mar 2016 20:47

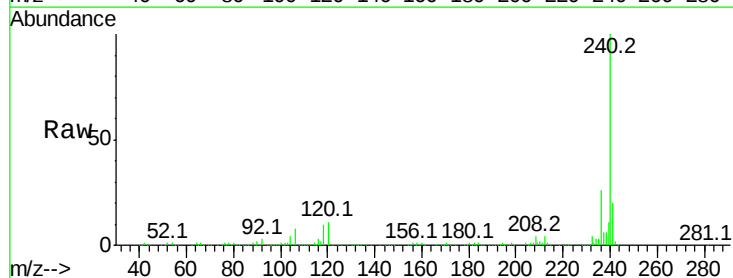
Tgt Ion:240 Resp: 403212

Ion Ratio Lower Upper

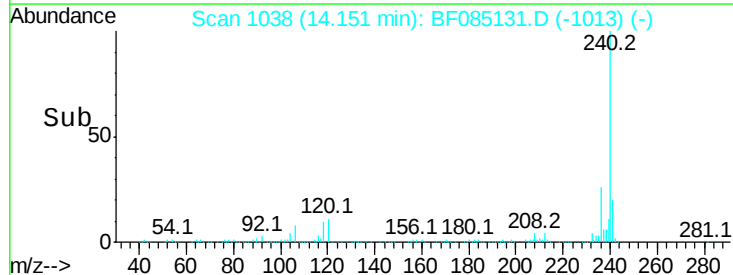
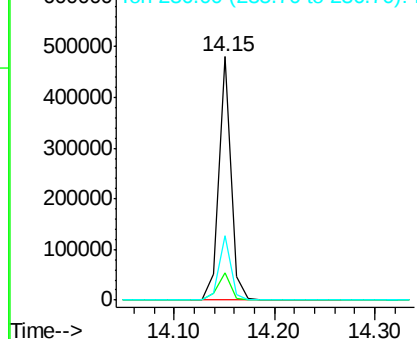
240 100

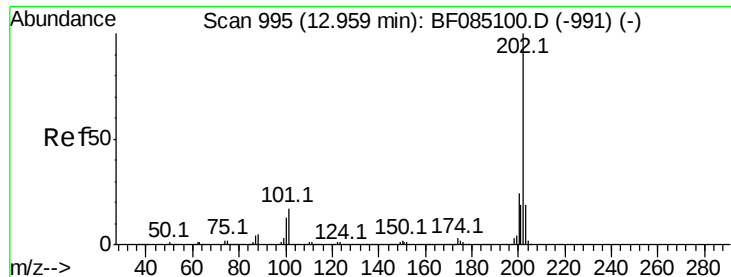
120 11.5 6.7 10.1#

236 26.3 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: 0.17 ng

RT: 13.10 min Scan# 946

Delta R.T. 0.14 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

Instrument :

BNA_F

ClientSampleId :

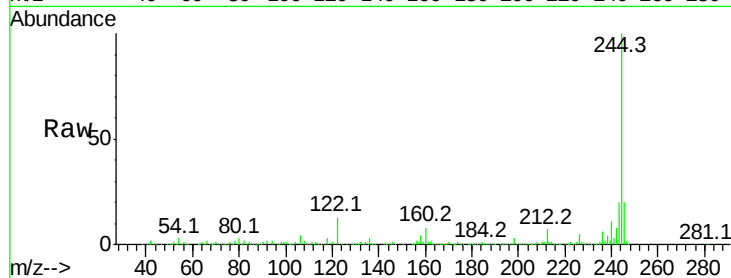
Tot Ion:202 Resp: 4650

Ion Ratio Lower Upper

202 100

200 48.7 19.0 28.6#

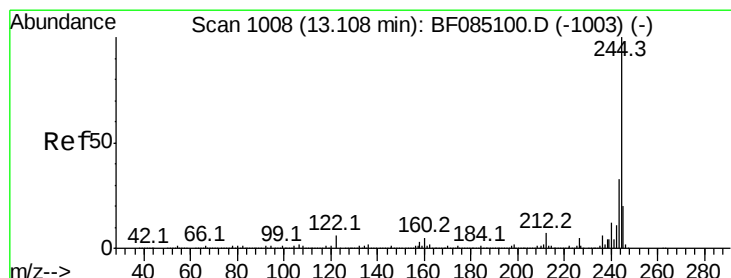
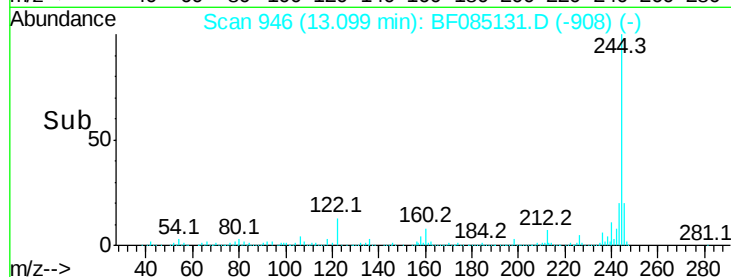
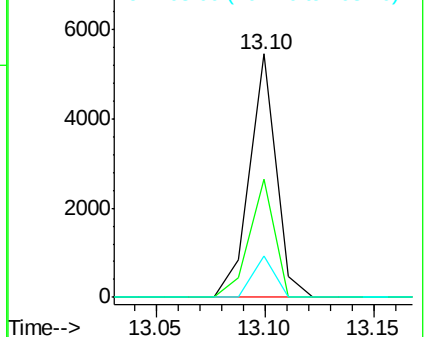
203 16.8 15.0 22.6



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: 75.19 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

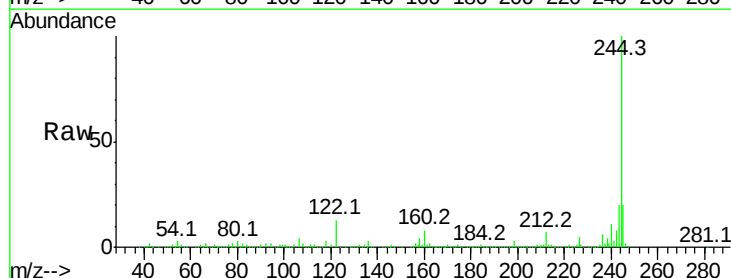
Tgt Ion:244 Resp: 1292413

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

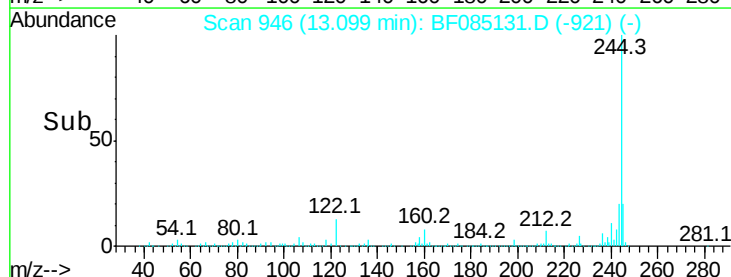
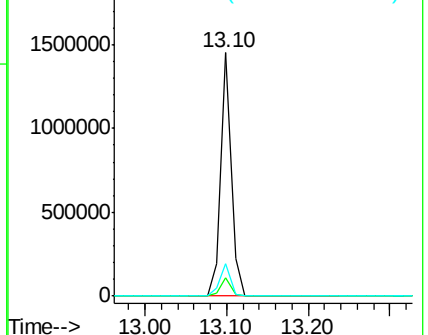
122 13.3 5.1 7.7#

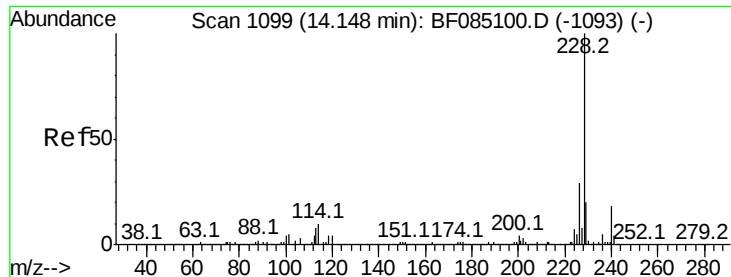


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF085131.D

Acq: 2 Mar 2016 20:47

Instrument :

BNA_F

ClientSampleId :

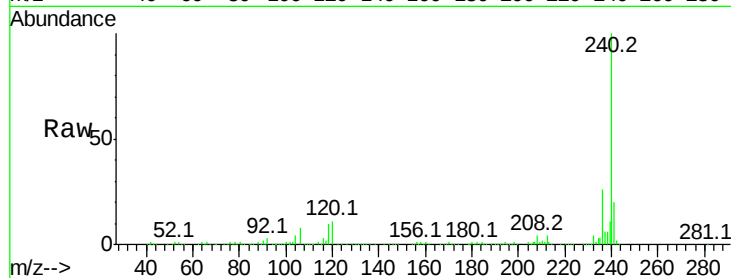
Tot Ion:228 Resp: 879

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.4#

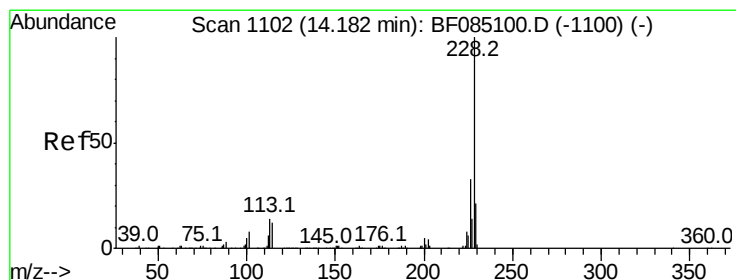
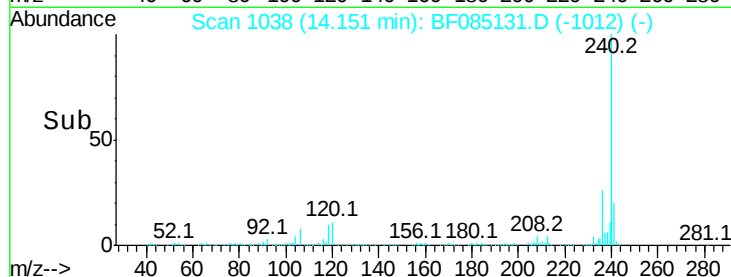
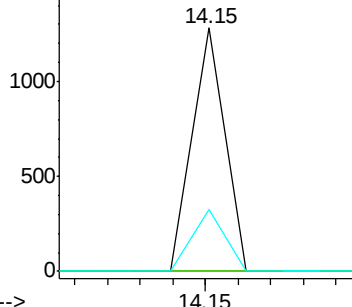
229 25.3 16.1 24.1#



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: BF085131.D

Acq: 2 Mar 2016 20:47

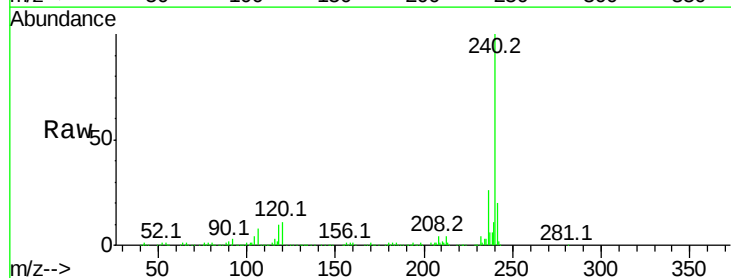
Tgt Ion:228 Resp: 879

Ion Ratio Lower Upper

228 100

226 0.0 26.2 39.4#

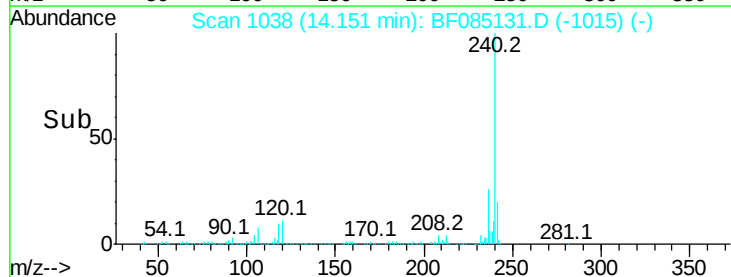
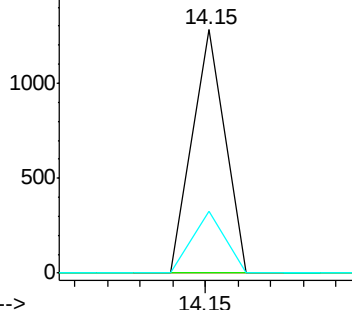
229 25.3 16.5 24.7#

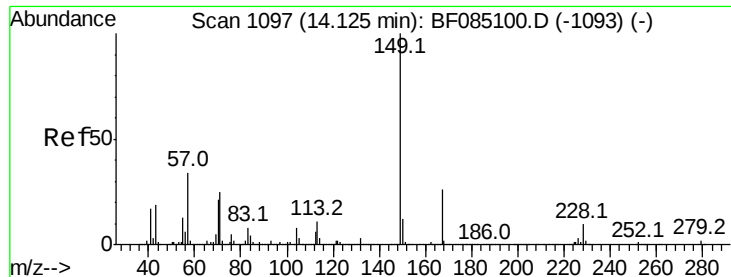


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

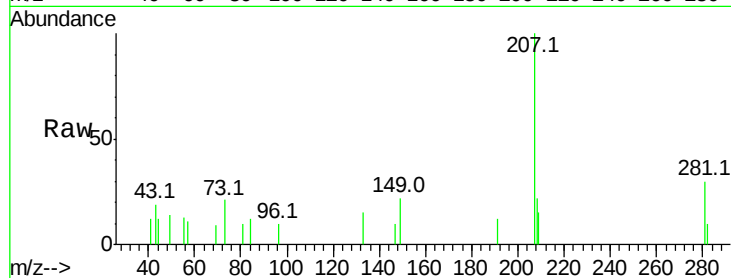




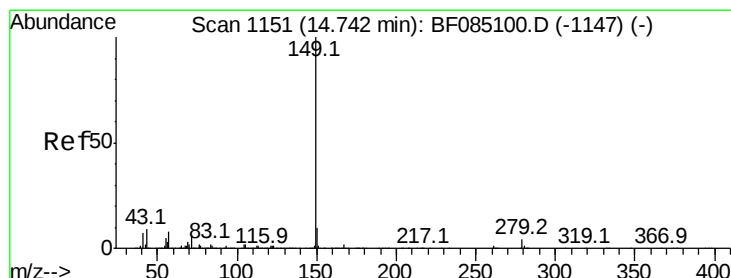
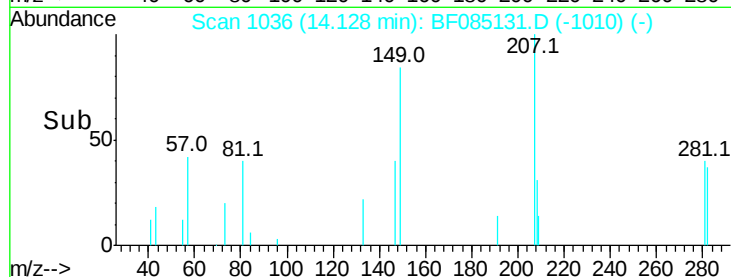
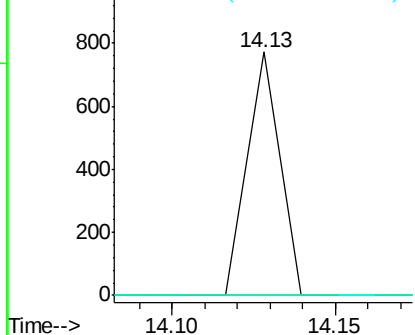
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.04 ng
 RT: 14.13 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF085131.D
 Acq: 2 Mar 2016 20:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 530
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.6 31.0#
 279 0.0 2.0 3.0#

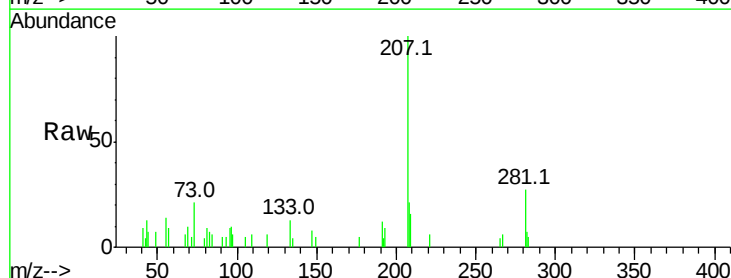


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

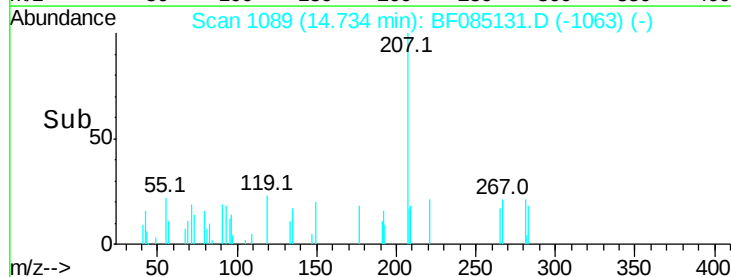
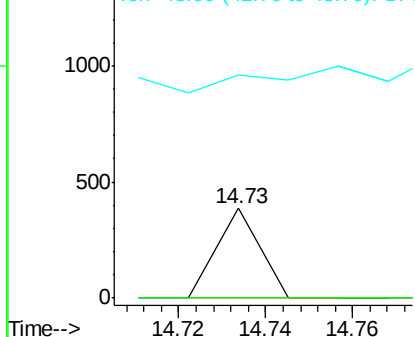


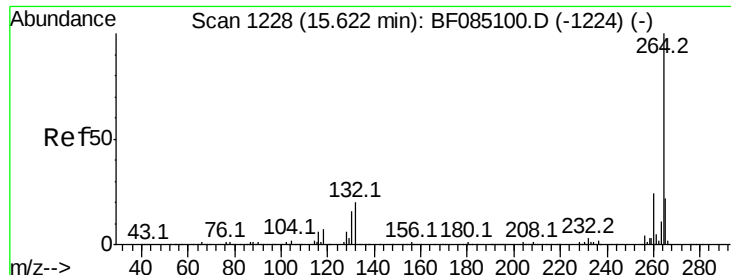
#84
 Di-n-octyl phthalate
 Concen: 0.01 ng
 RT: 14.73 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BF085131.D
 Acq: 2 Mar 2016 20:47

Tgt Ion:149 Resp: 265
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 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

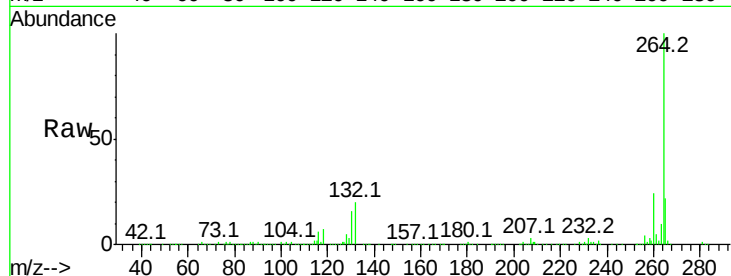




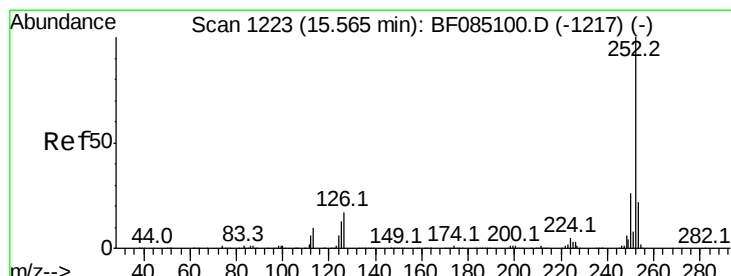
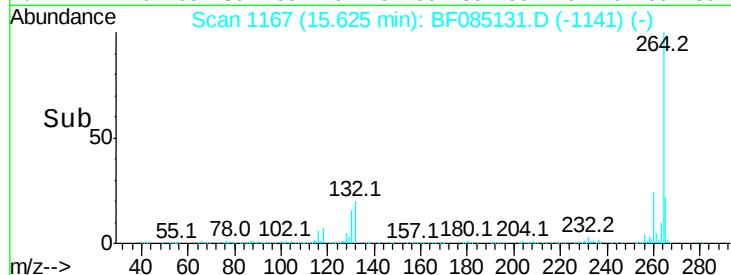
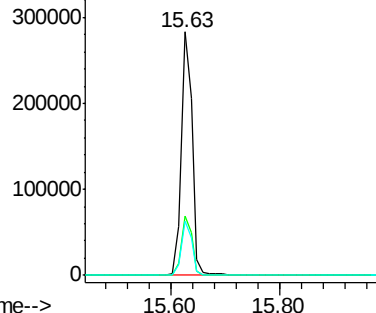
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF085131.D
Acq: 2 Mar 2016 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 399007
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 22.2 17.4 26.2

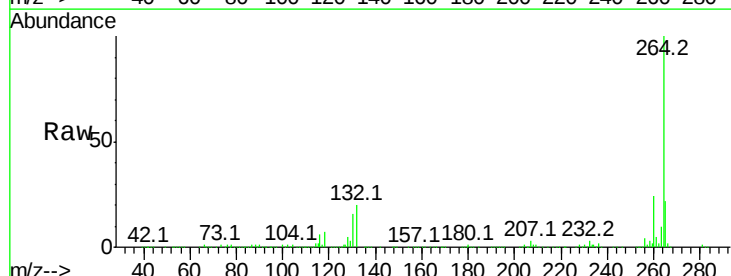


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.63 min Scan# 1167
Delta R.T. 0.06 min
Lab File: BF085131.D
Acq: 2 Mar 2016 20:47

Tgt Ion:252 Resp: 1081
Ion Ratio Lower Upper
252 100
253 45.1 18.0 27.0#
125 48.6 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

