

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085125.D
 Acq On : 2 Mar 2016 17:58
 Operator : SJ/IZ
 Sample : H1620-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:44:23 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	159361	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	660834	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	304210	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	527216	20.00	ng	0.00
75) Chrysene-d12	14.15	240	344282	20.00	ng	0.00
86) Perylene-d12	15.64	264	396163	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	408255	41.59	ng	0.01
7) Phenol-d6	6.61	99	409382	31.81	ng	0.00
23) Nitrobenzene-d5	7.56	82	1215609	97.87	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	42447	13.88	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1840389	89.10	ng	0.00
78) Terphenyl-d14	13.10	244	1548795	105.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	986	0.20	ng	# 22
6) Aniline	6.76	93	1326	0.07	ng	# 1
8) 2-Chlorophenol	6.77	128	518	0.05	ng	# 1
9) Benzaldehyde	6.61	77	588	Below Cal		# 4
10) Phenol	6.62	94	206	0.01	ng	# 1
11) bis(2-Chloroethyl)ether	6.76	93	1326	0.12	ng	# 1
15) Benzyl Alcohol	7.14	79	19844	2.12	ng	# 49
16) 2,2'-oxybis(1-Chloropropan	7.21	45	270	0.02	ng	# 1
17) 2-Methylphenol	7.34	107	329	0.03	ng	# 26
19) n-Nitroso-di-n-propylamine	7.56	70	171585	20.23	ng	# 79
20) 3+4-Methylphenols	7.34	107	329	0.03	ng	# 42
22) Acetophenone	7.40	105	9515	0.57	ng	# 96
24) Nitrobenzene	7.56	77	4262	0.33	ng	# 39
31) Naphthalene	8.30	128	768	0.02	ng	# 67
45) 1,1'-Biphenyl	9.35	154	3887	0.14	ng	# 1
47) 2-Nitroaniline	9.35	65	3168	0.51	ng	# 1
50) 2,6-Dinitrotoluene	10.04	165	39192	8.38	ng	# 22
51) Acenaphthene	10.04	154	1545	0.08	ng	# 4
54) Dibenzofuran	10.23	168	291	0.01	ng	# 41
55) 4-Nitrophenol	10.26	139	313	0.07	ng	# 21
56) 2,4-Dinitrotoluene	10.04	165	39196	6.22	ng	# 19
57) Fluorene	10.57	166	253	0.01	ng	# 88
59) Diethylphthalate	10.45	149	40018	1.85	ng	# 96
62) Azobenzene	10.73	77	650	0.03	ng	# 1
65) n-Nitrosodiphenylamine	10.81	169	1493	0.09	ng	# 40
66) 4-Bromophenyl-phenylether	10.81	248	2600	0.47	ng	# 1
70) Phenanthrene	11.54	178	939	0.04	ng	# 58
71) Anthracene	11.59	178	231	0.01	ng	# 58
72) Carbazole	11.74	167	216	0.01	ng	# 57
73) Di-n-butylphthalate	12.07	149	2498	0.08	ng	# 90
74) Fluoranthene	12.72	202	289	0.01	ng	# 62
77) Pyrene	12.95	202	933	0.04	ng	# 54
79) Butylbenzylphthalate	13.57	149	212	0.02	ng	# 1
80) Benzo(a)anthracene	14.15	228	1328	0.07	ng	# 50

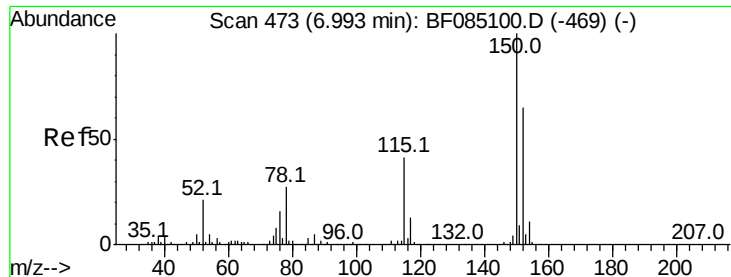
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
Data File : BF085125.D
Acq On : 2 Mar 2016 17:58
Operator : SJ/IZ
Sample : H1620-09
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) 3,3'-Dichlorobenzidine	14.11	252	218	0.03	nq	# 27
82) Chrysene	14.15	228	1328	0.07	nq	# 48
83) Bis(2-ethylhexyl)phthalate	14.13	149	1051	0.09	nq	# 90
84) Di-n-octyl phthalate	14.75	149	529	0.03	nq	# 33
87) Benzo(b)fluoranthene	14.99	252	221	0.01	nq	# 1
88) Benzo(k)fluoranthene	14.99	252	221	0.01	nq	# 1
89) Benzo(a)pyrene	15.63	252	2271	0.11	nq	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :

BNA_F

ClientSampleId :

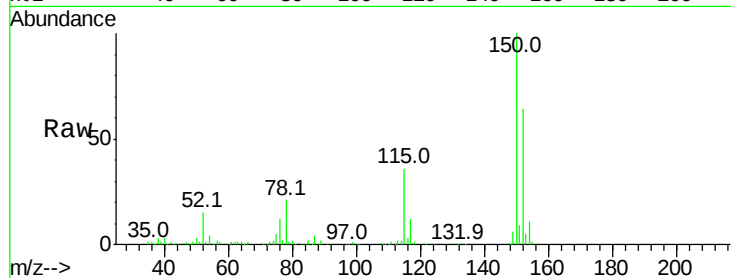
Tot Ion:152 Resp: 159361

Ion Ratio Lower Upper

152 100

150 155.5 123.4 185.0

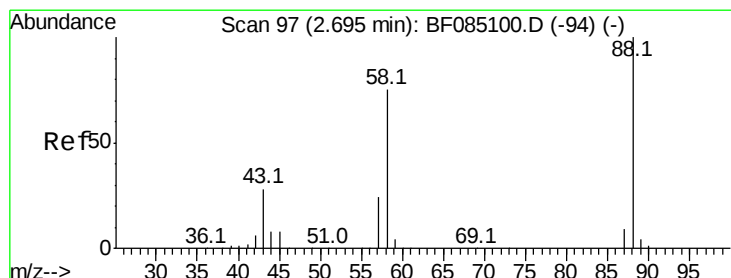
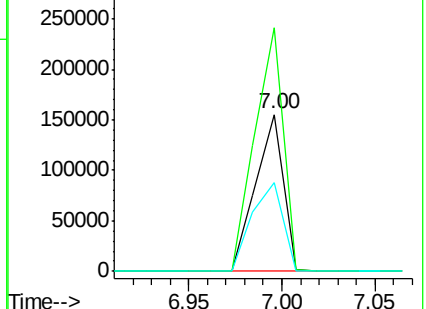
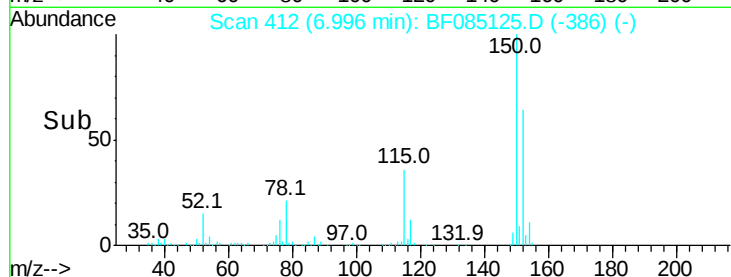
115 56.6 50.0 75.0



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: 0.20 ng

RT: 2.56 min Scan# 24

Delta R.T. -0.13 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

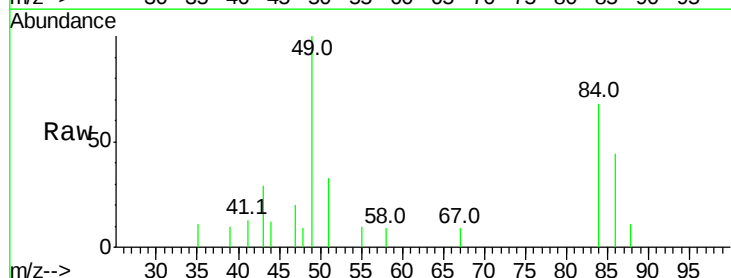
Tgt Ion: 88 Resp: 986

Ion Ratio Lower Upper

88 100

58 0.0 58.4 87.6#

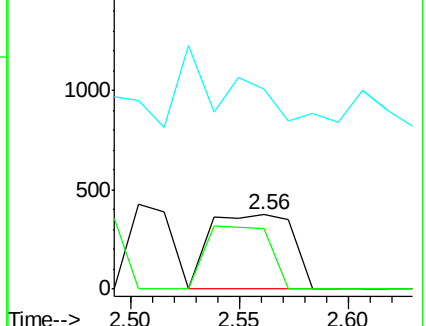
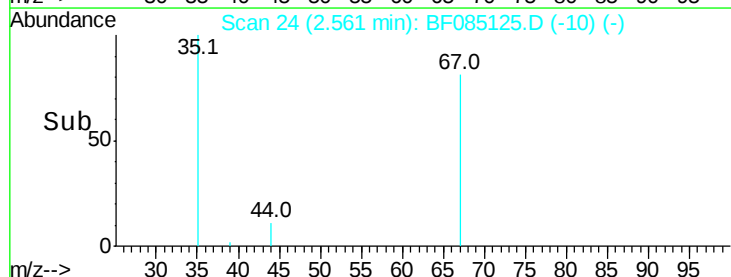
43 0.0 22.2 33.4#

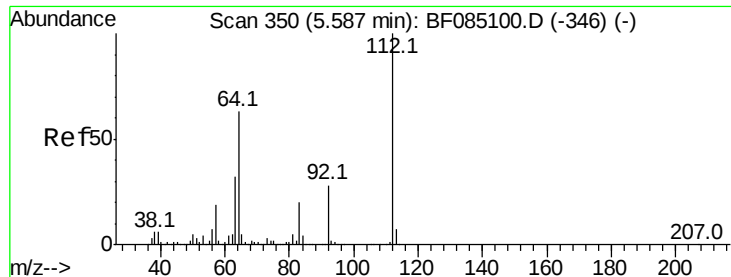


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 41.59 ng

RT: 5.60 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :
BNA_F
ClientSampleId :

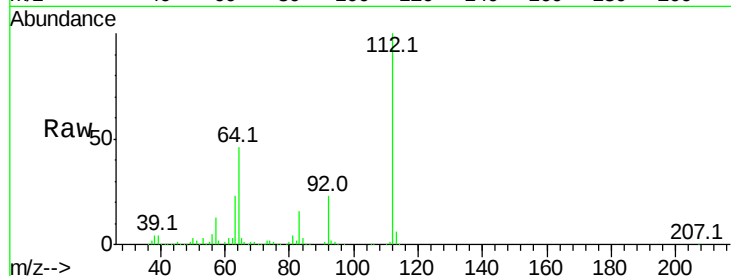
Tot Ion:112 Resp: 408255

Ion Ratio Lower Upper

112 100

64 45.9 50.6 76.0#

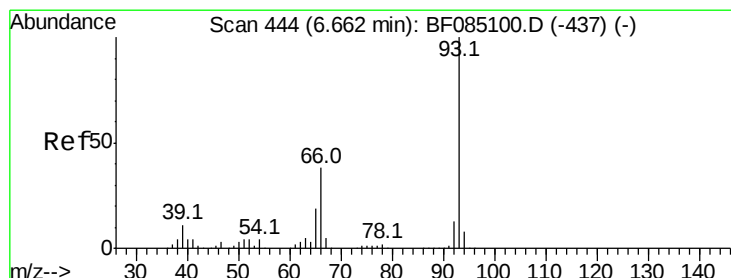
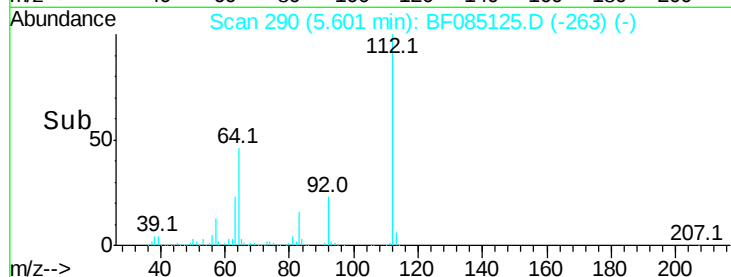
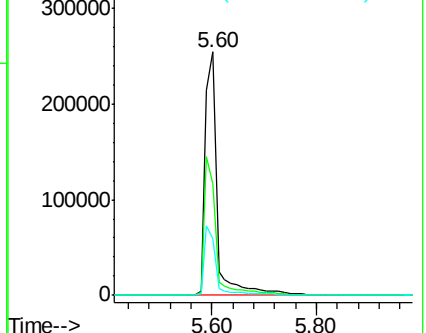
63 23.1 25.5 38.3#



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: BF085125.D

Acq: 2 Mar 2016 17:58

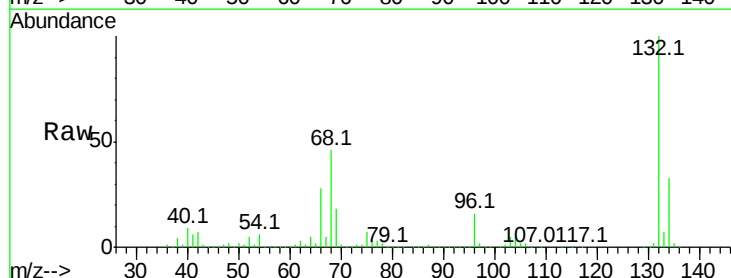
Tgt Ion: 93 Resp: 1326

Ion Ratio Lower Upper

93 100

66 15759.5 30.1 45.1#

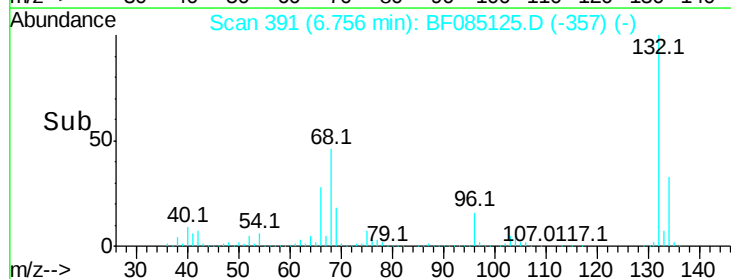
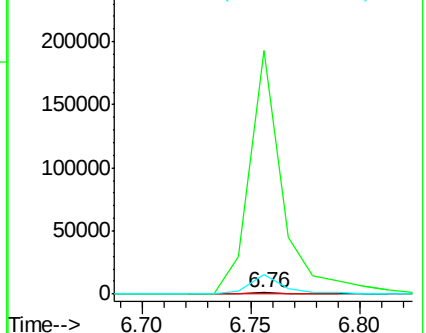
65 1250.5 15.0 22.6#

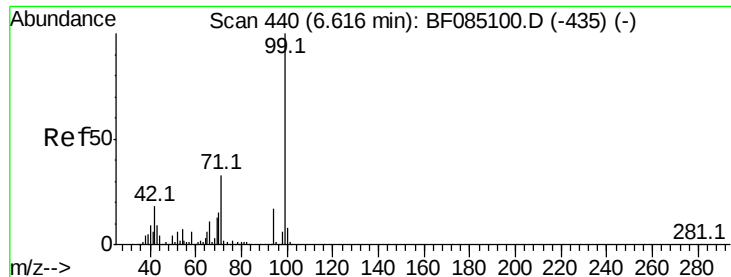


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 31.81 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :

BNA_F

ClientSampleId :

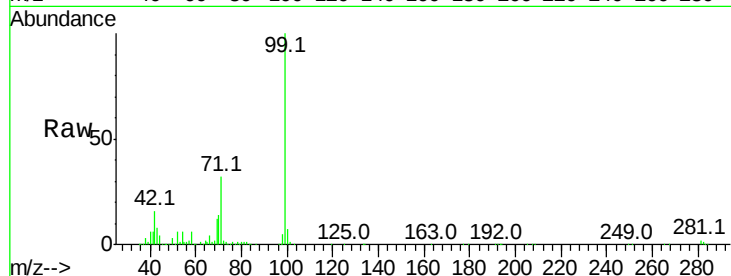
Tot Ion: 99 Resp: 409382

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

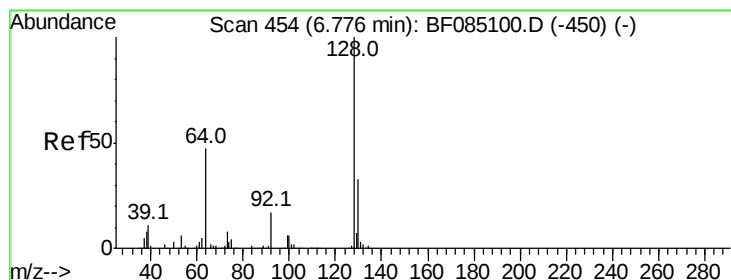
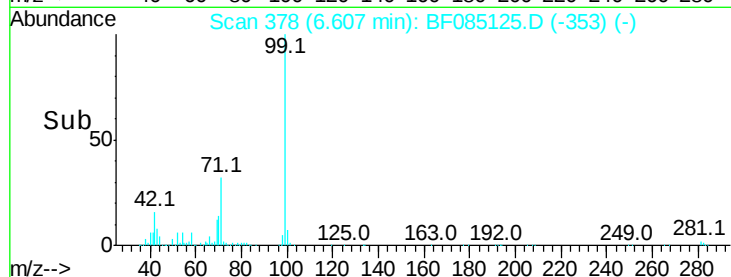
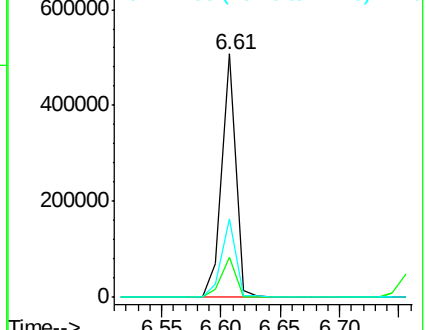
71 32.0 26.8 40.2



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: 0.05 ng

RT: 6.77 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

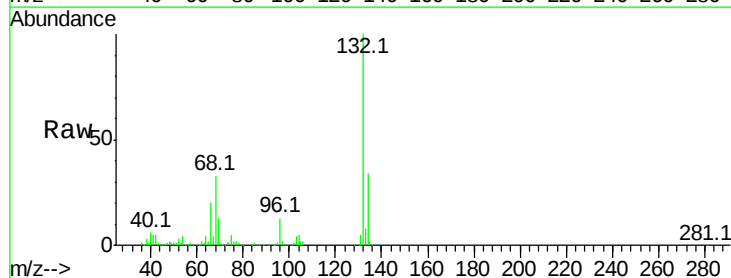
Tgt Ion: 128 Resp: 518

Ion Ratio Lower Upper

128 100

130 110.8 13.1 53.1#

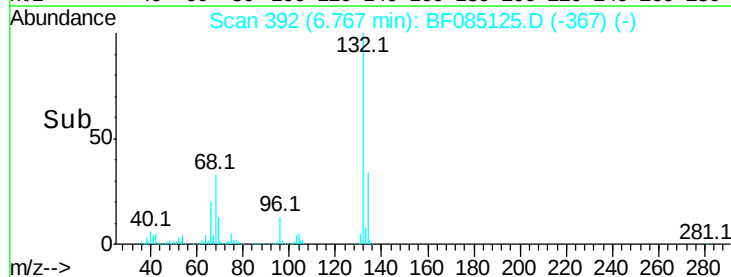
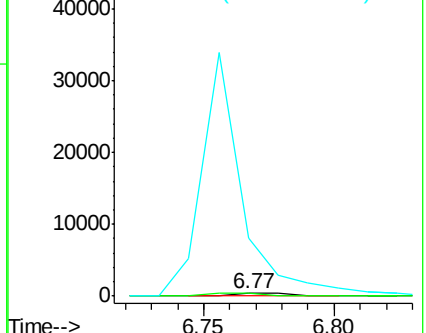
64 2023.9 29.6 69.6#

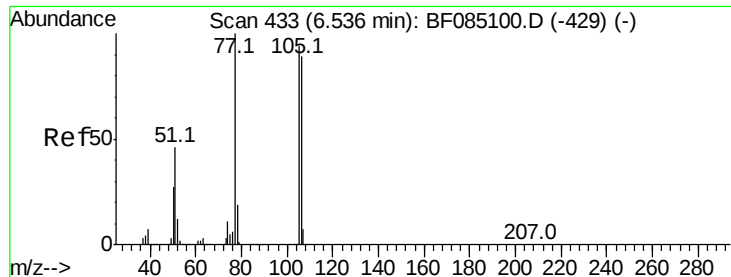


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: Below Cal

RT: 6.61 min Scan# 378

Delta R.T. 0.07 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :

BNA_F

ClientSampled :

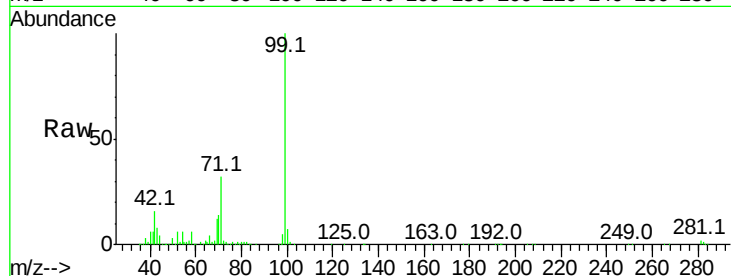
Tot Ion: 77 Resp: 588

Ion Ratio Lower Upper

77 100

105 0.0 73.7 113.7#

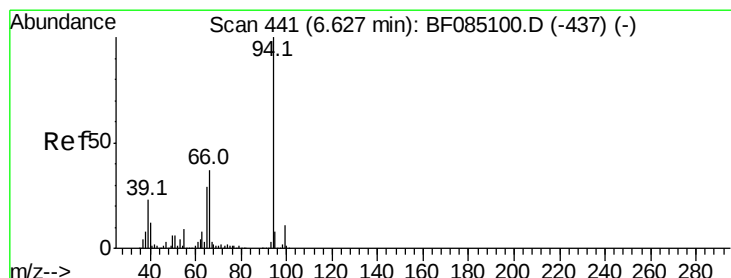
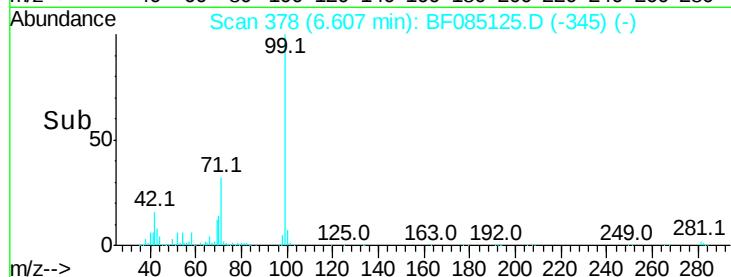
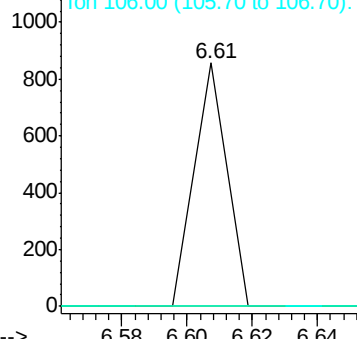
106 0.0 69.2 109.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.01 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

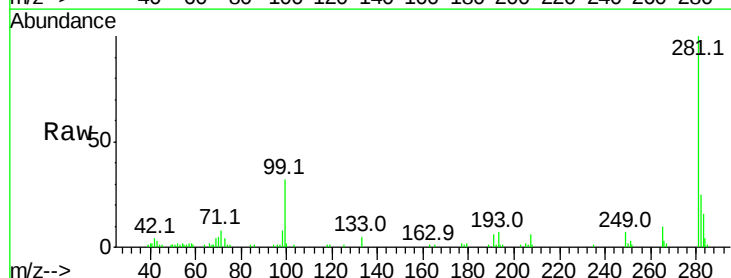
Tgt Ion: 94 Resp: 206

Ion Ratio Lower Upper

94 100

65 0.0 9.1 49.1#

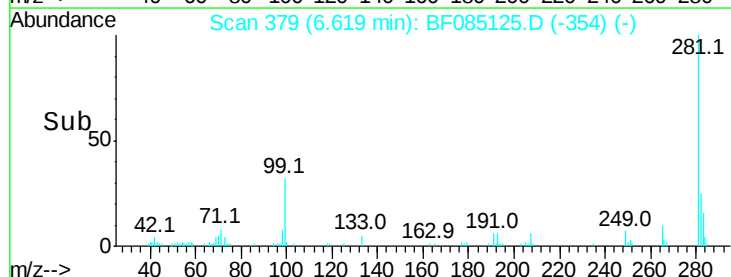
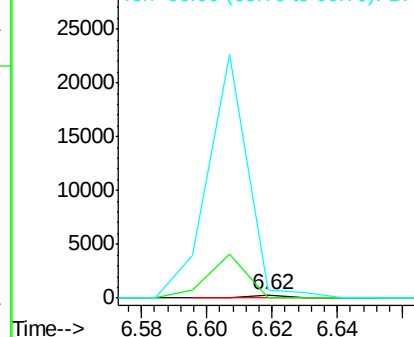
66 244.9 17.5 57.5#

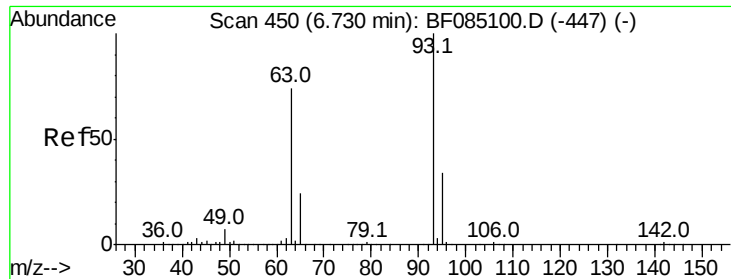


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

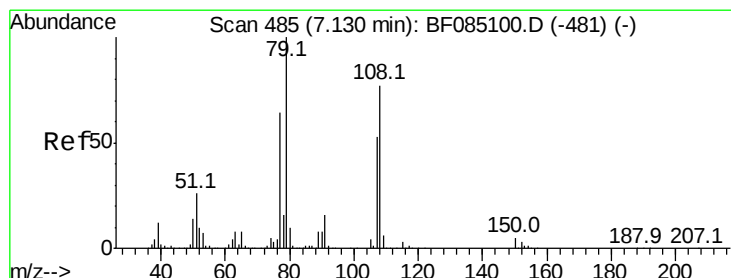
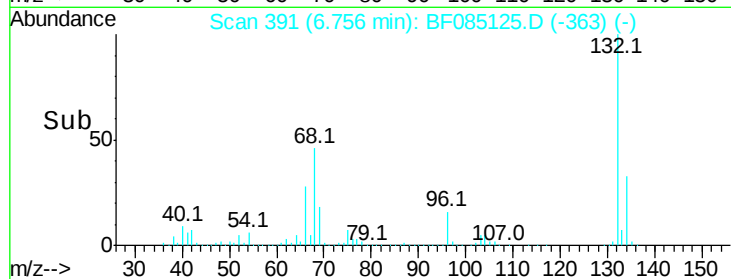
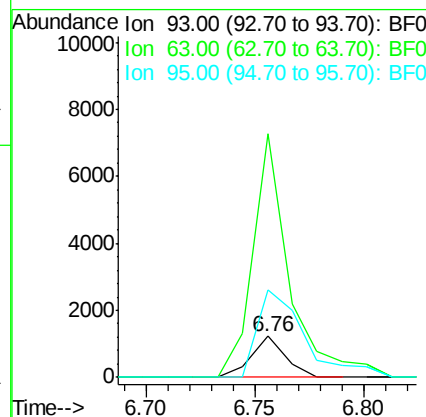
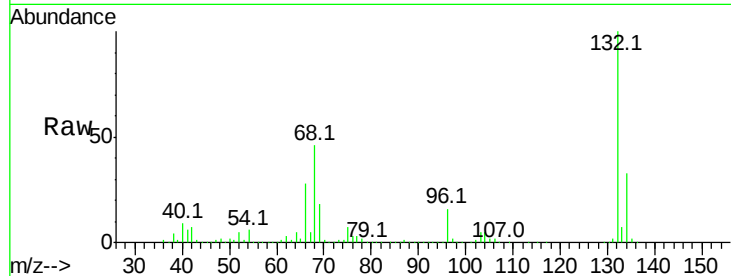




#11
bis(2-Chloroethyl)ether
Concen: 0.12 ng
RT: 6.76 min Scan# 391
Delta R.T. 0.03 min
Lab File: BF085125.D
Acq: 2 Mar 2016 17:58

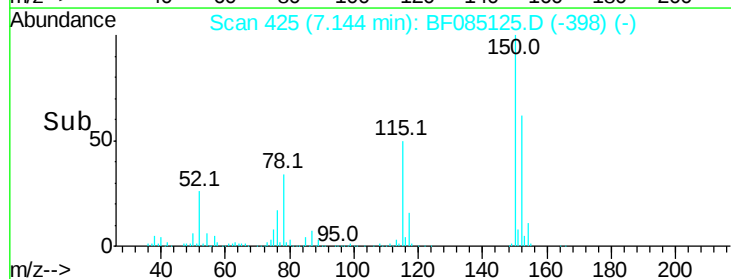
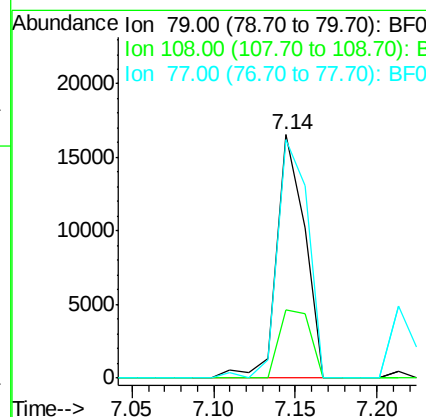
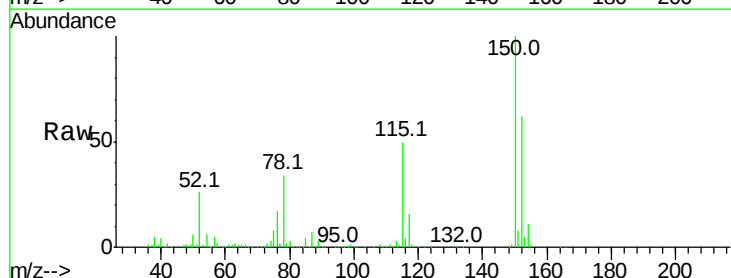
Instrument :
BNA_F
ClientSampled :

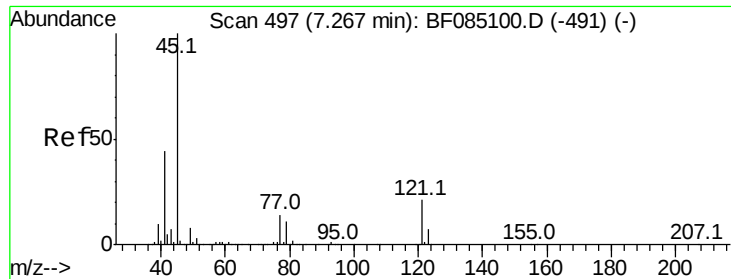
Tot Ion	Ratio	Lower	Upper
93	100		
63	593.9	53.9	93.9#
95	213.0	13.8	53.8#



#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 7.14 min Scan# 425
Delta R.T. 0.01 min
Lab File: BF085125.D
Acq: 2 Mar 2016 17:58

Tgt Ion	Ratio	Lower	Upper
79	100		
108	28.0	61.8	92.6#
77	98.1	51.2	76.8#

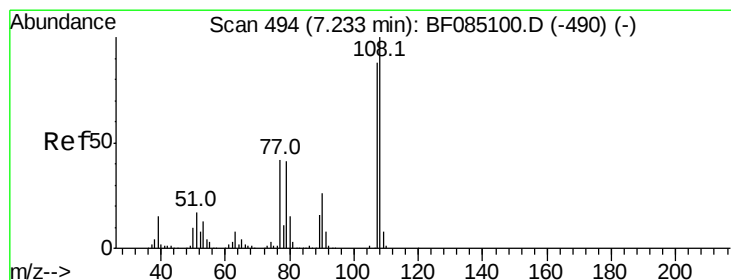
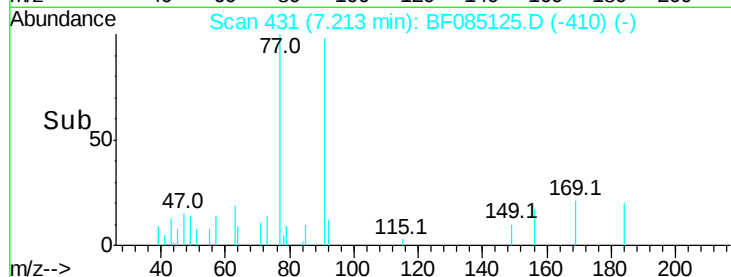
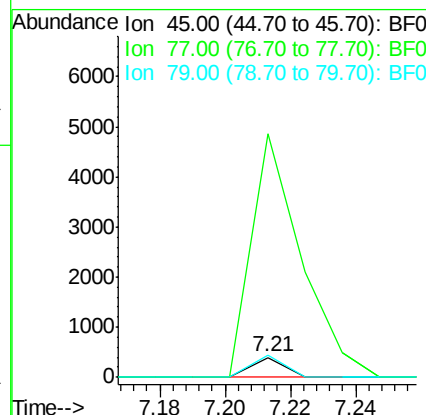
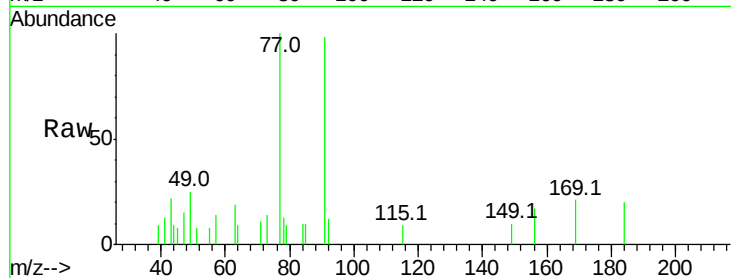




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.02 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF085125.D
Acq: 2 Mar 2016 17:58

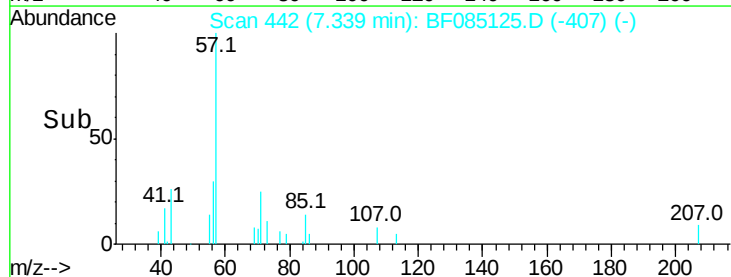
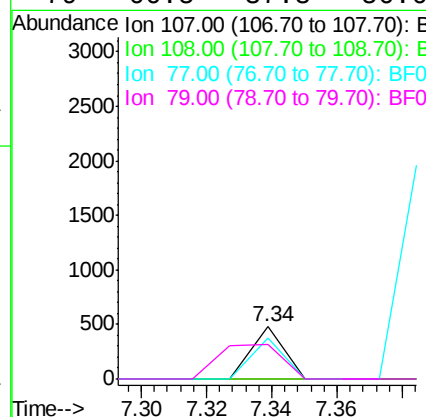
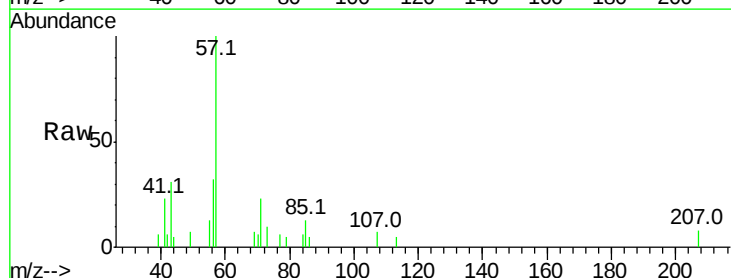
Instrument :
BNA_F
ClientSampleId :

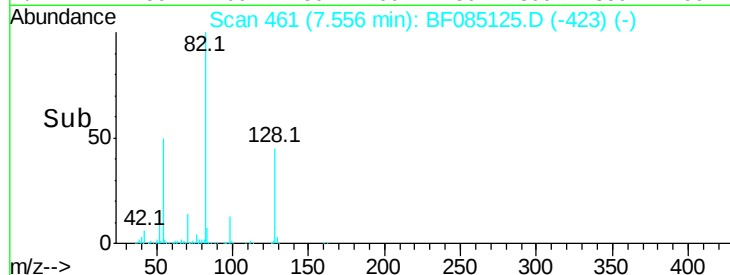
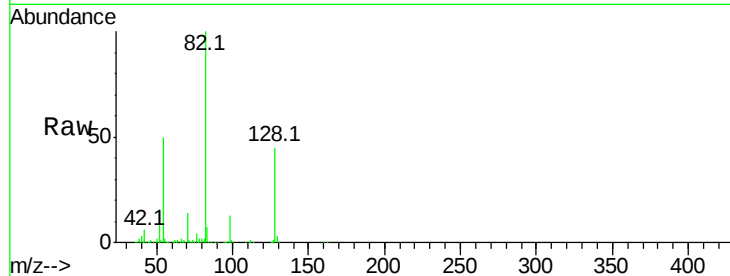
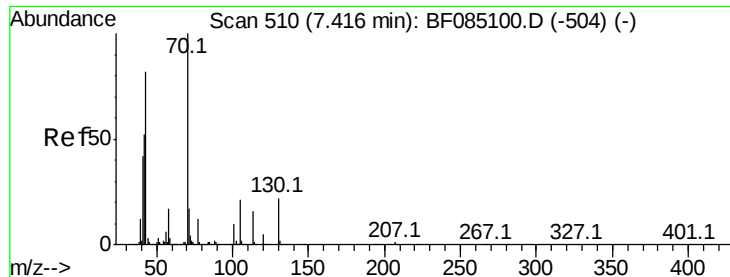
Tot Ion: 45 Resp: 270
Ion Ratio Lower Upper
45 100
77 1233.0 0.0 34.4#
79 112.9 0.0 31.1#



#17
2-Methylphenol
Concen: 0.03 ng
RT: 7.34 min Scan# 442
Delta R.T. 0.11 min
Lab File: BF085125.D
Acq: 2 Mar 2016 17:58

Tgt Ion:107 Resp: 329
Ion Ratio Lower Upper
107 100
108 0.0 91.4 137.2#
77 77.9 38.7 58.1#
79 66.5 37.8 56.6#

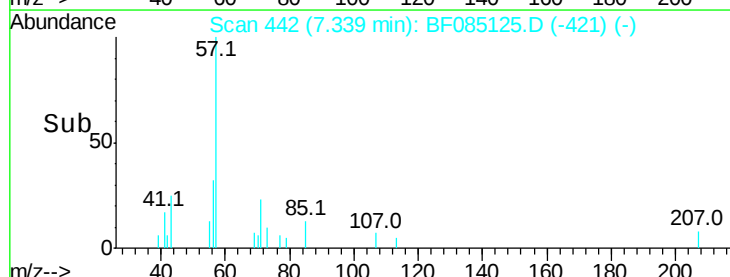
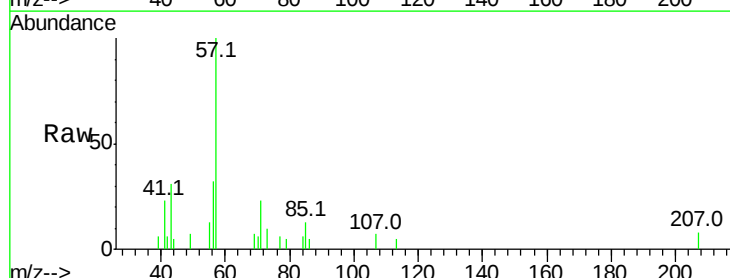
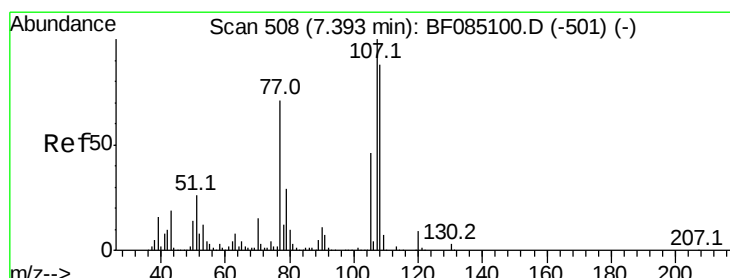
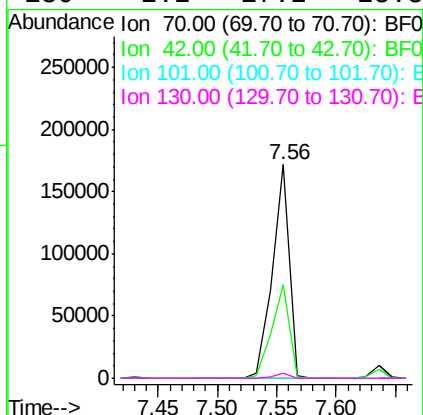




#19
n-Nitroso-di-n-propylamine
Concen: 20.23 ng
RT: 7.56 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF085125.D
Acq: 2 Mar 2016 17:58

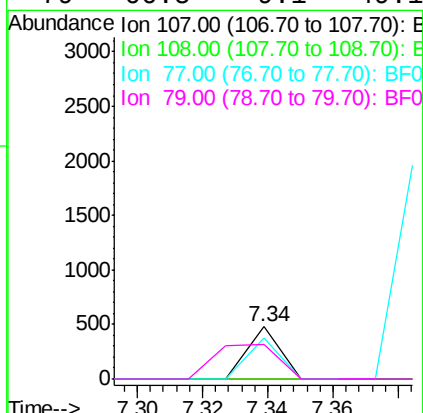
Instrument :
BNA_F
ClientSampleId :

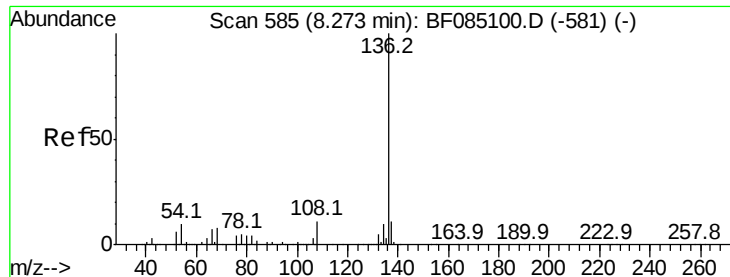
Tot Ion	Ratio	Lower	Upper
70	100		
42	43.6	41.9	62.9
101	0.0	7.8	11.8#
130	2.2	17.2	25.8#



#20
3+4-Methylphenols
Concen: 0.03 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.05 min
Lab File: BF085125.D
Acq: 2 Mar 2016 17:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	0.0	67.8	107.8#
77	77.9	50.6	90.6
79	66.5	9.1	49.1#

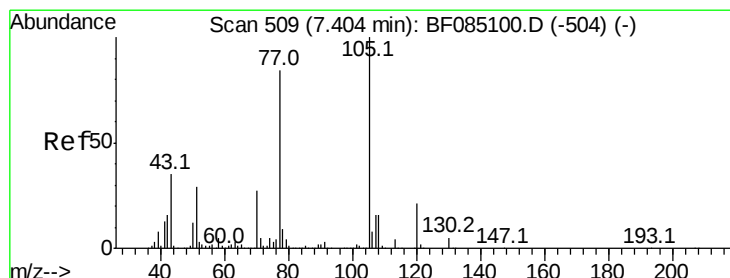
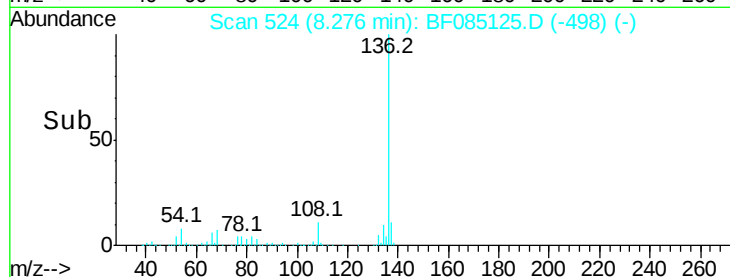
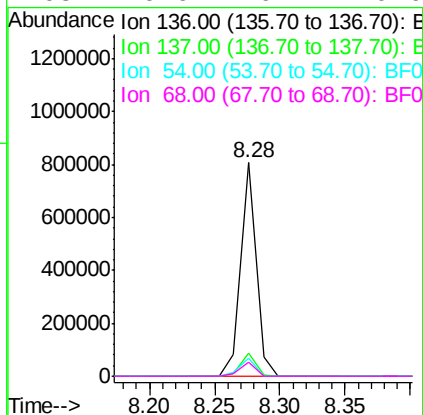
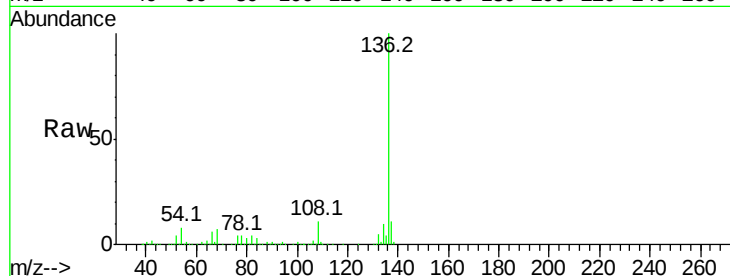




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085125.D
Acq: 2 Mar 2016 17:58

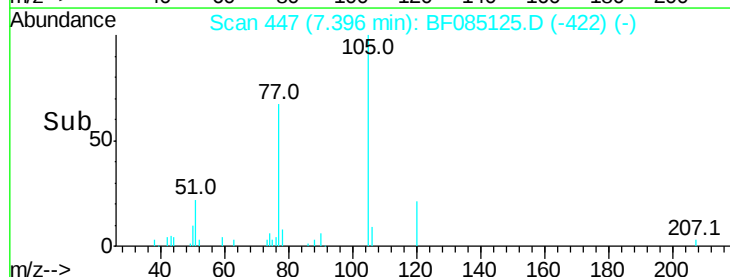
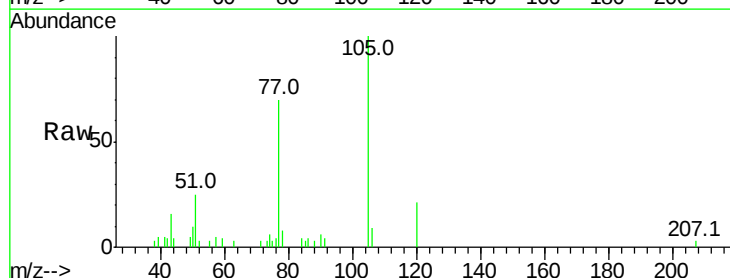
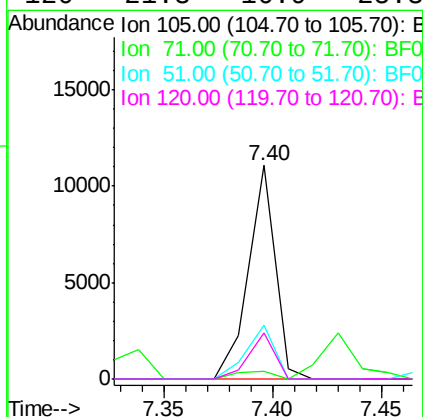
Instrument :
BNA_F
ClientSampleId :

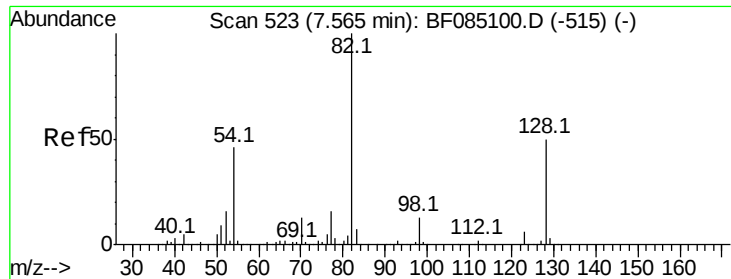
Tot Ion:	136	Resp:	660834
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.4	8.5	12.7#
68	6.6	6.4	9.6



#22
Acetophenone
Concen: 0.57 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF085125.D
Acq: 2 Mar 2016 17:58

Tgt Ion:	105	Resp:	9515
Ion	Ratio	Lower	Upper
105	100		
71	3.3	3.8	5.6#
51	25.1	22.9	34.3
120	21.3	16.9	25.3



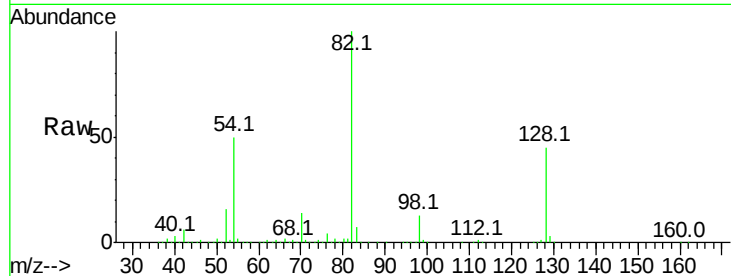


#23
 Nitrobenzene-d5
 Concen: 97.87 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085125.D
 Acq: 2 Mar 2016 17:58

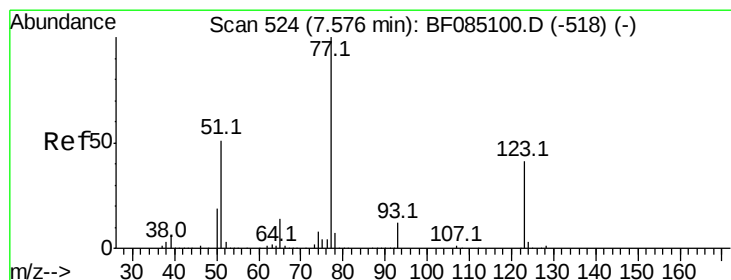
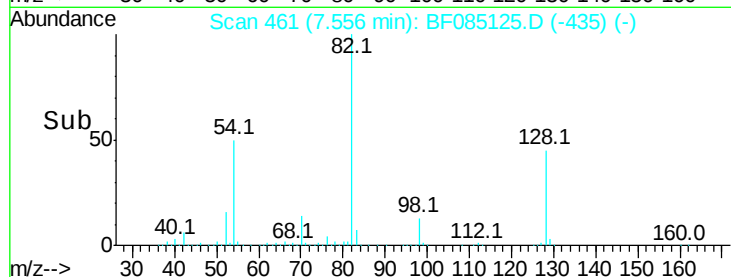
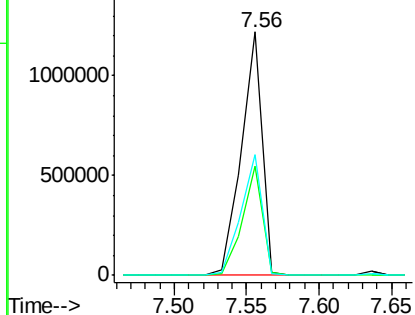
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1215609

Ion	Ratio	Lower	Upper
82	100		
128	44.9	39.8	59.6
54	49.5	36.6	54.8



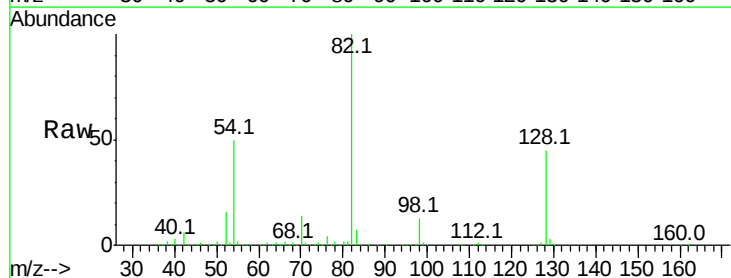
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



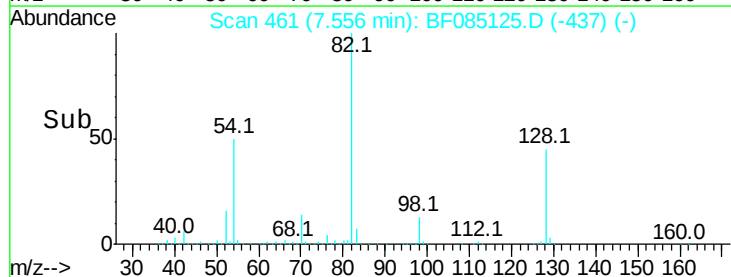
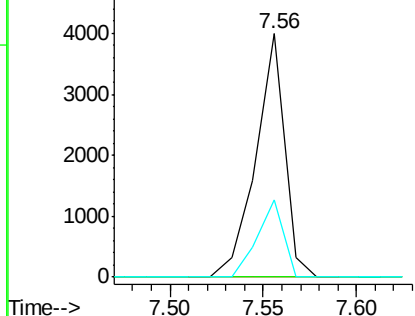
#24
 Nitrobenzene
 Concen: 0.33 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF085125.D
 Acq: 2 Mar 2016 17:58

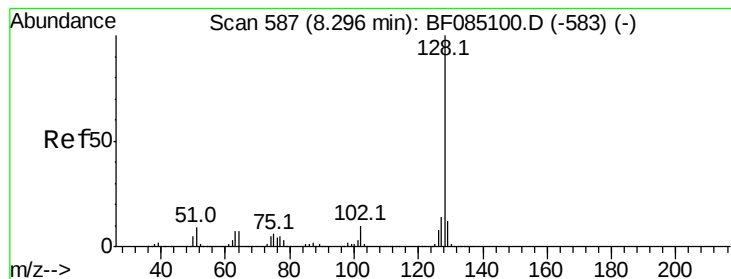
Tgt Ion: 77 Resp: 4262

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.4	50.2#
65	31.9	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: 0.02 ng

RT: 8.30 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :

BNA_F

ClientSampleId :

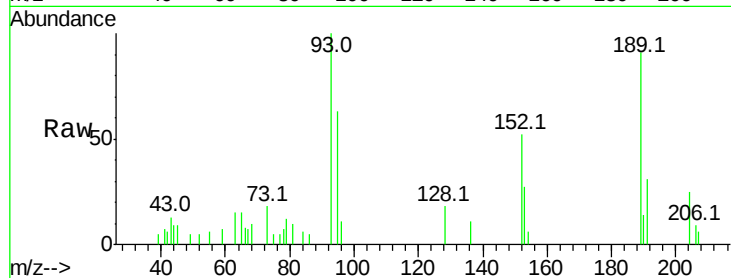
Tot Ion:128 Resp: 768

Ion Ratio Lower Upper

128 100

129 0.0 9.7 14.5#

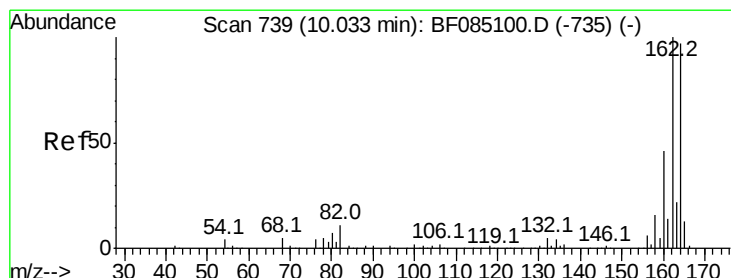
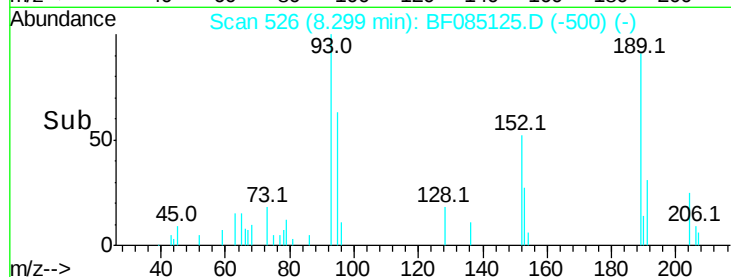
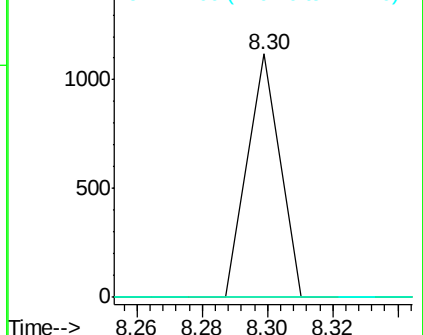
127 0.0 11.1 16.7#



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: BF085125.D

Acq: 2 Mar 2016 17:58

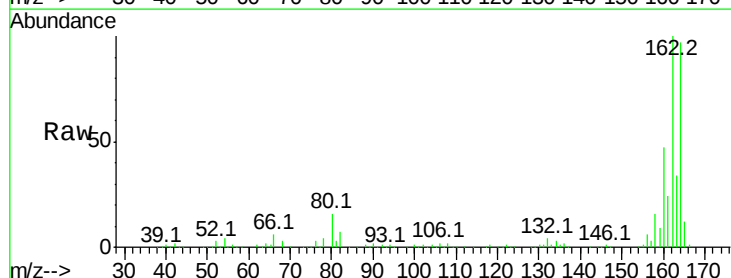
Tgt Ion:164 Resp: 304210

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

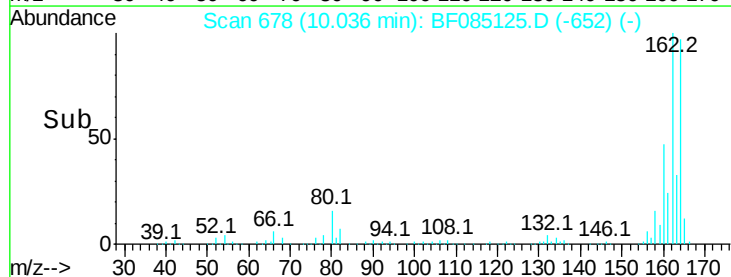
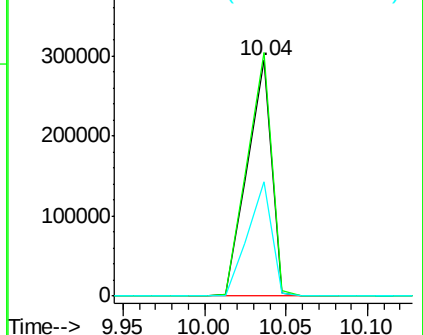
160 48.4 38.2 57.2

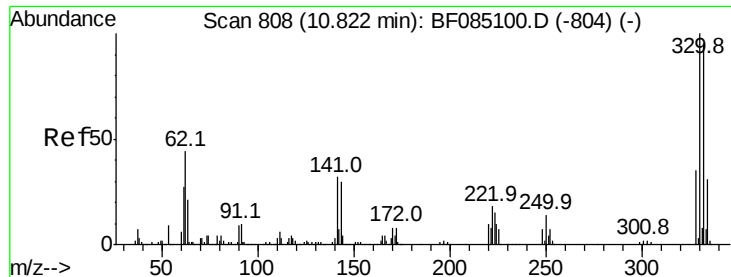


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

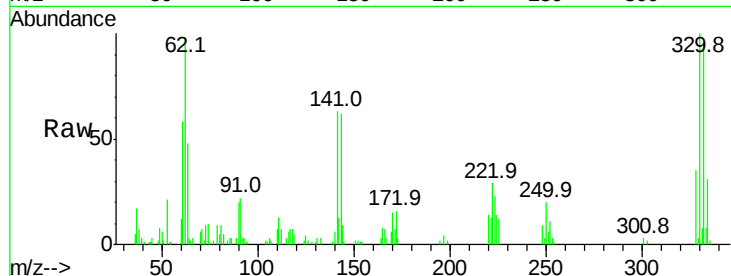




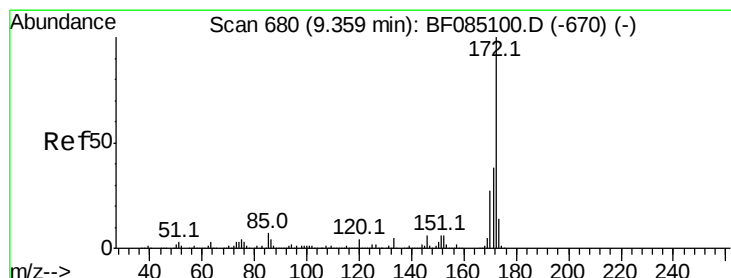
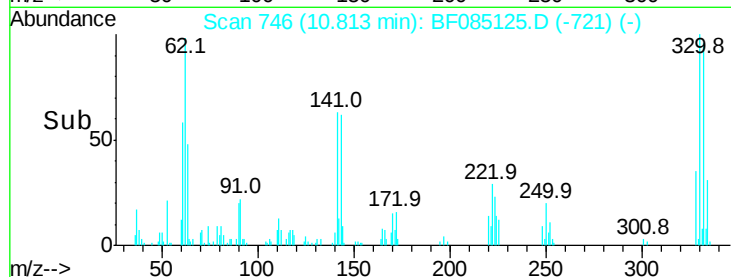
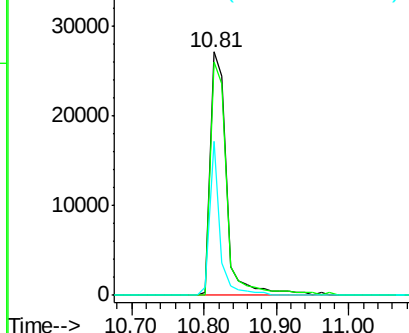
#41
 2,4,6-Tribromophenol
 Concen: 13.88 ng
 RT: 10.81 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF085125.D
 Acq: 2 Mar 2016 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 42447
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.9 113.9
 141 39.4 28.9 43.3

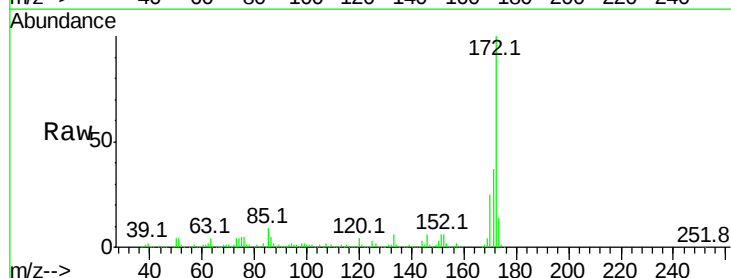


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

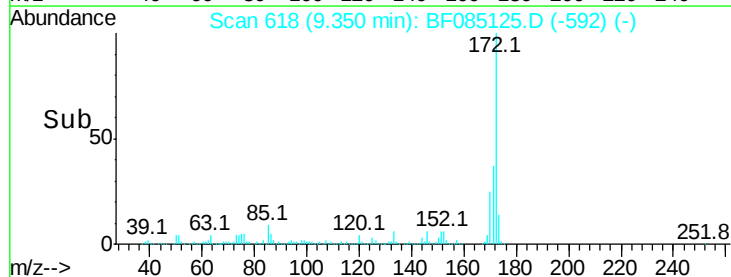
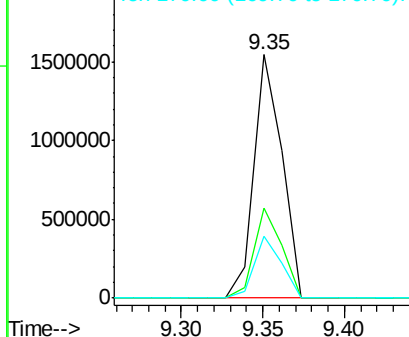


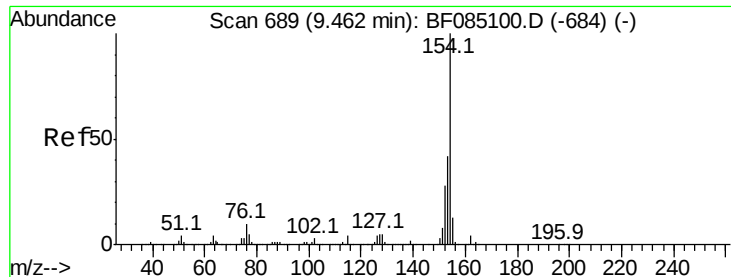
#44
 2-Fluorobiphenyl
 Concen: 89.10 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085125.D
 Acq: 2 Mar 2016 17:58

Tgt Ion:172 Resp: 1840389
 Ion Ratio Lower Upper
 172 100
 171 37.2 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: 0.14 ng

RT: 9.35 min Scan# 618

Delta R.T. -0.11 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :

BNA_F

ClientSampleId :

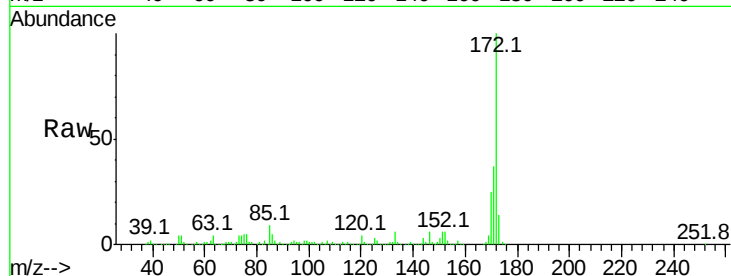
Tot Ion:154 Resp: 3887

Ion Ratio Lower Upper

154 100

153 916.0 21.5 61.5#

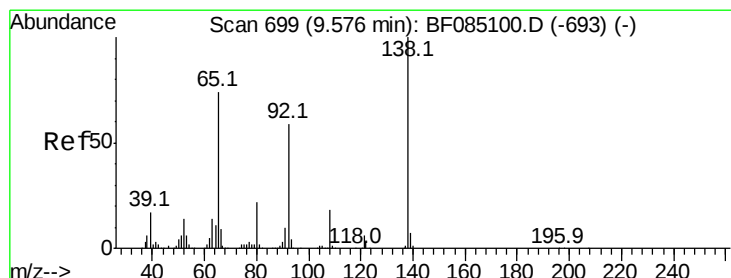
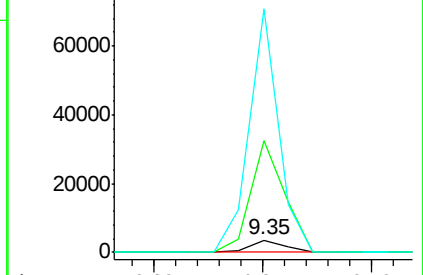
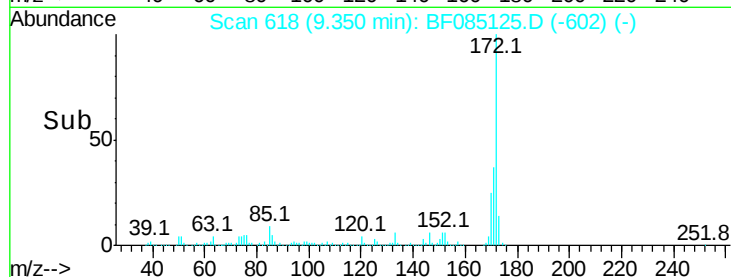
76 1990.0 0.0 29.7#



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: 0.51 ng

RT: 9.35 min Scan# 618

Delta R.T. -0.23 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

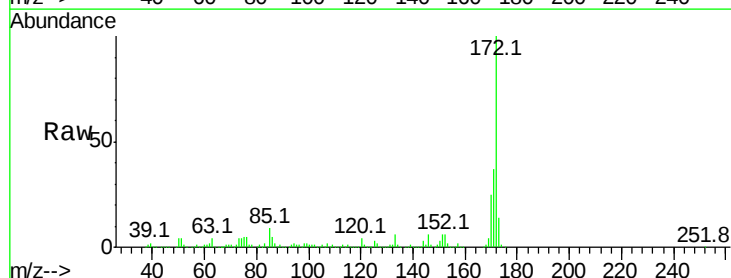
Tgt Ion: 65 Resp: 3168

Ion Ratio Lower Upper

65 100

92 202.1 63.8 95.6#

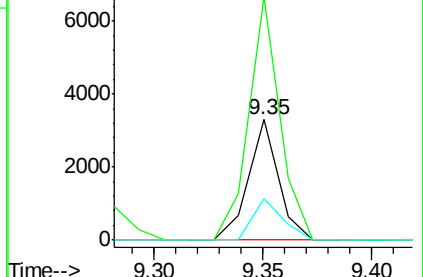
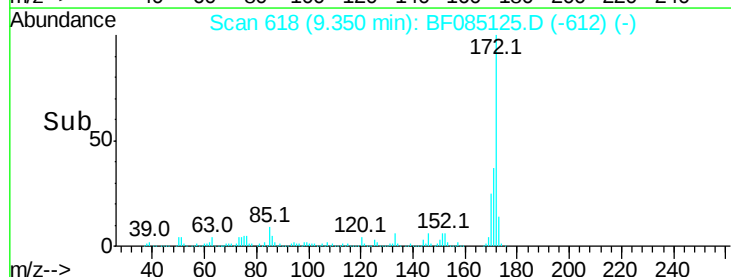
138 34.1 108.5 162.7#

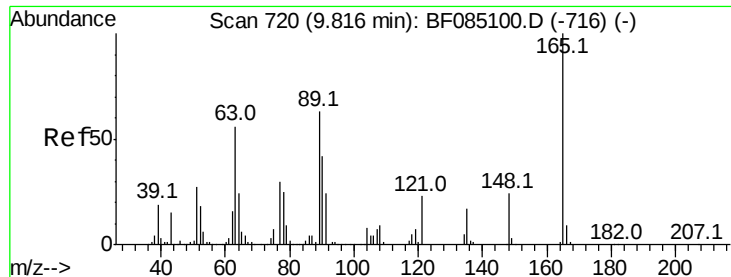


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

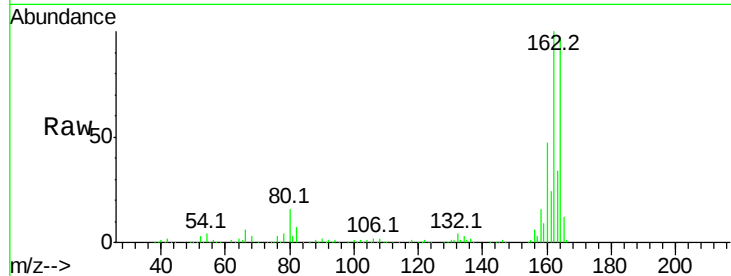




#50
2,6-Dinitrotoluene
Concen: 8.38 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.22 min
Lab File: BF085125.D
Acq: 2 Mar 2016 17:58

Instrument :
BNA_F
ClientSampleId :

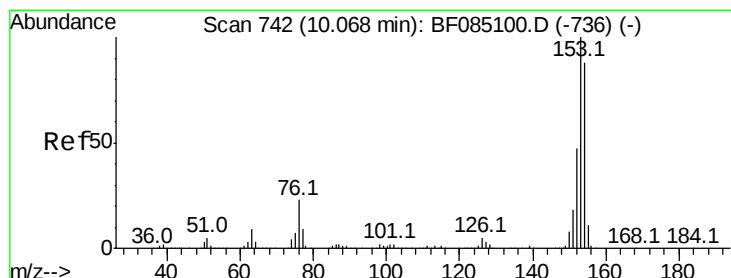
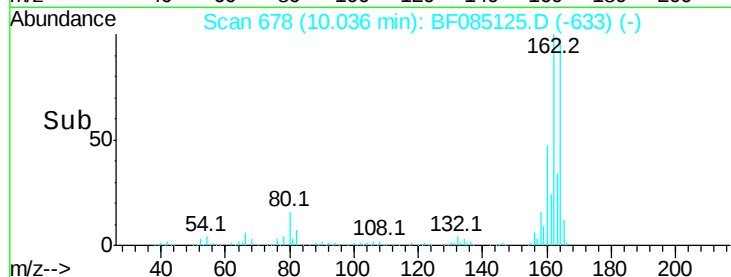
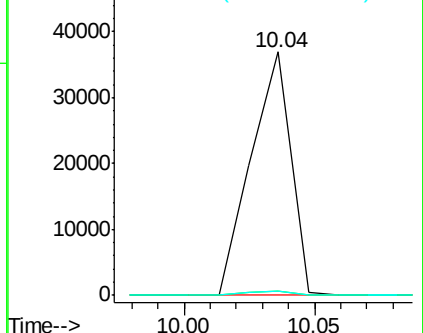
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	47.4	71.2#
89	1.8	50.2	75.2#



Abundance Ion 165.00 (164.70 to 165.70): E

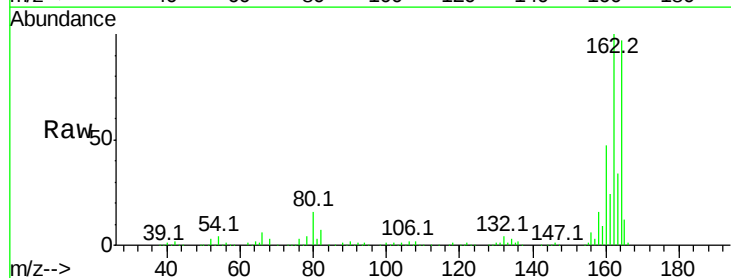
Ion 63.00 (62.70 to 63.70): BF0

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: BF085125.D
Acq: 2 Mar 2016 17:58

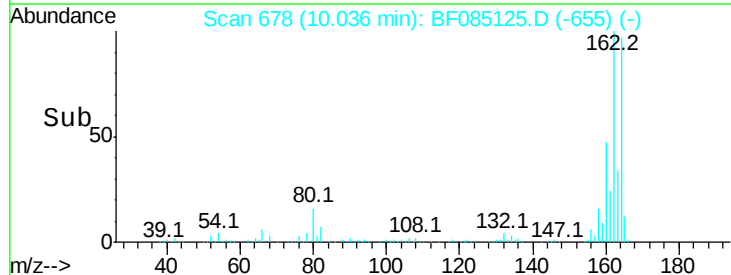
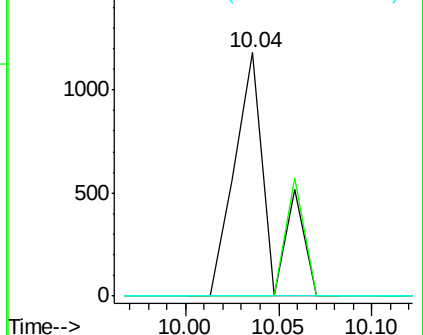
Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.0	136.6#
152	0.0	43.0	64.6#

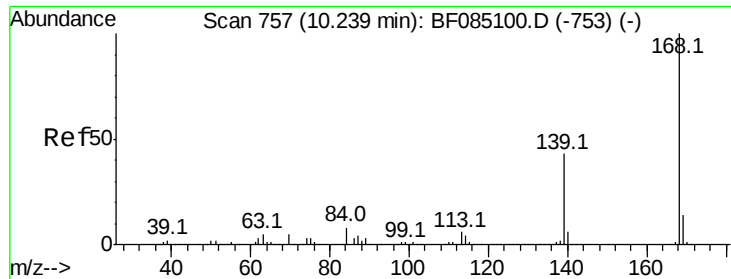


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 0.01 ng

RT: 10.23 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :

BNA_F

ClientSampleId :

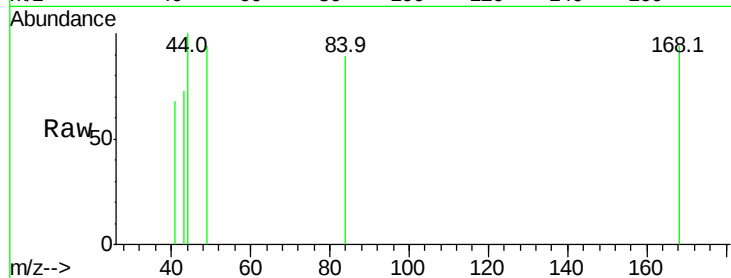
Tot Ion:168 Resp: 291

Ion Ratio Lower Upper

168 100

139 0.0 34.2 51.2#

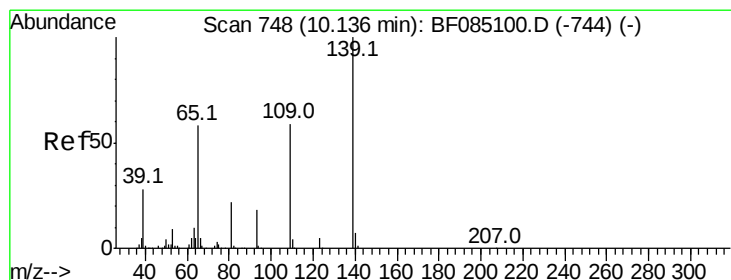
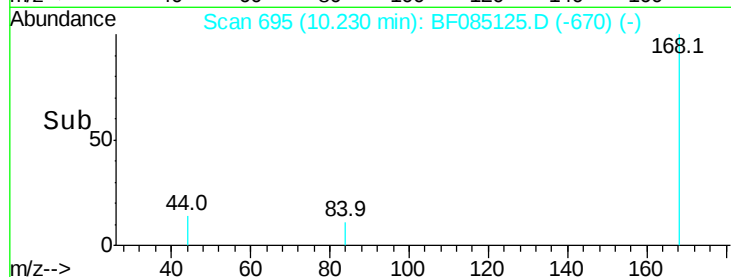
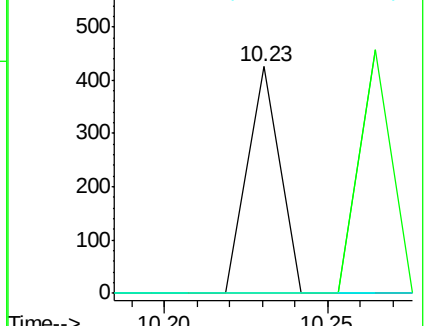
169 0.0 11.4 17.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 0.07 ng

RT: 10.26 min Scan# 698

Delta R.T. 0.13 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

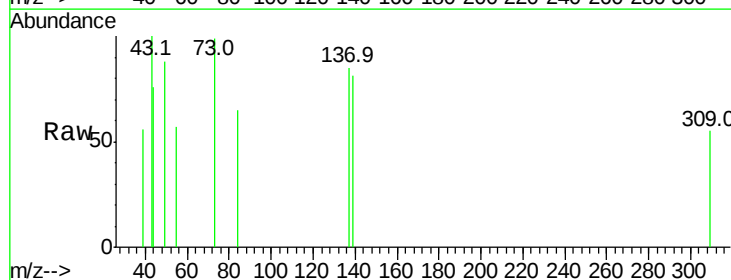
Tgt Ion:139 Resp: 313

Ion Ratio Lower Upper

139 100

109 0.0 39.5 79.5#

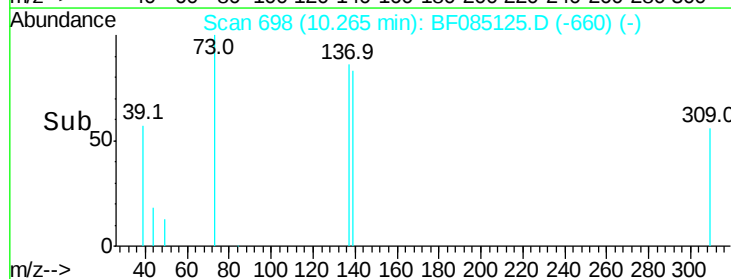
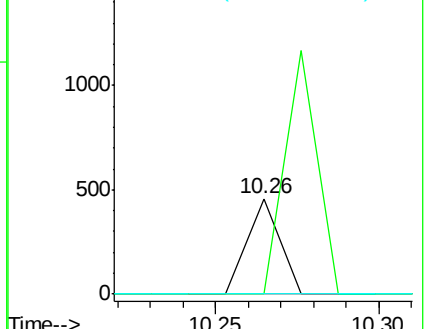
65 0.0 38.4 78.4#

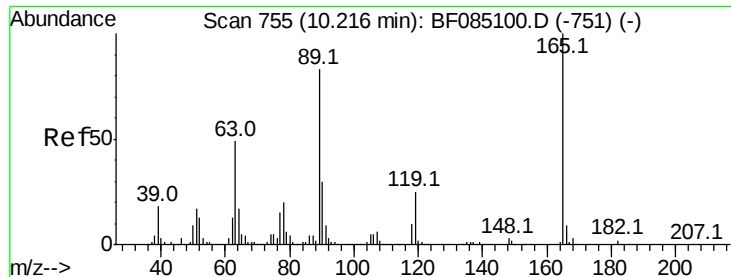


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

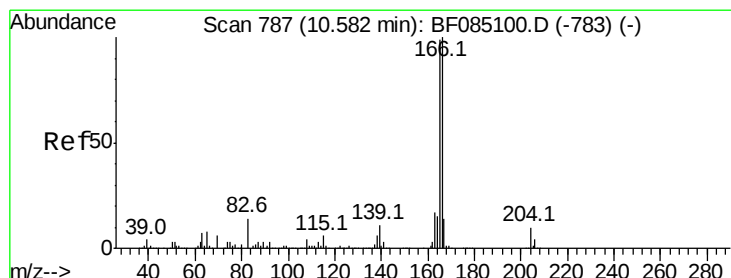
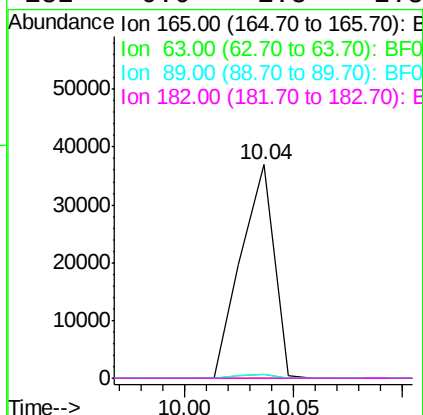
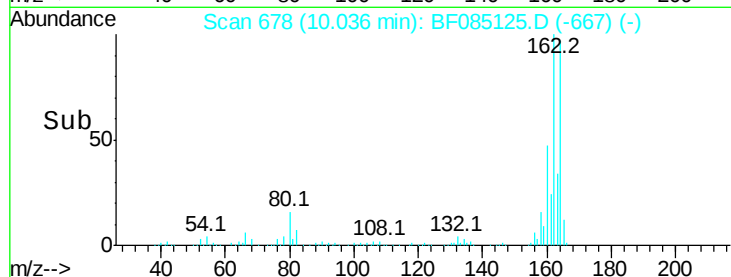
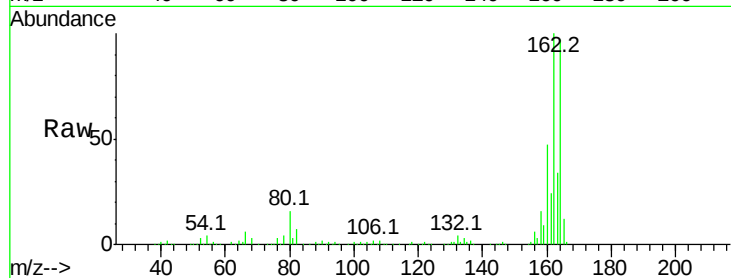




#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.18 min
Lab File: BF085125.D
Acq: 2 Mar 2016 17:58

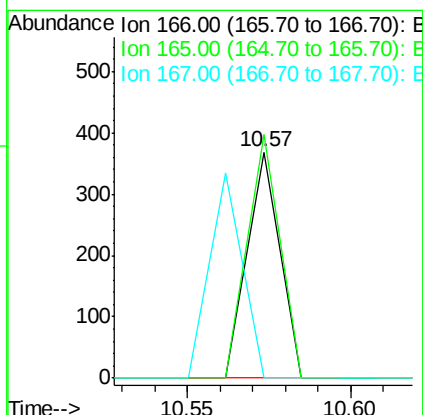
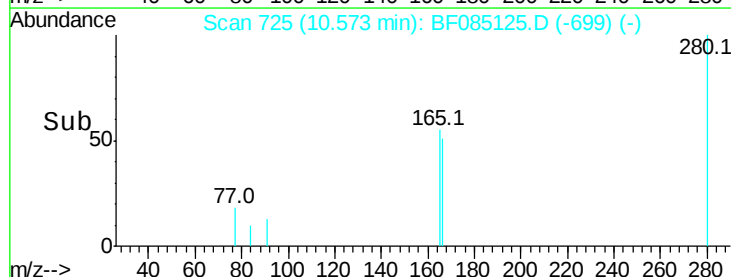
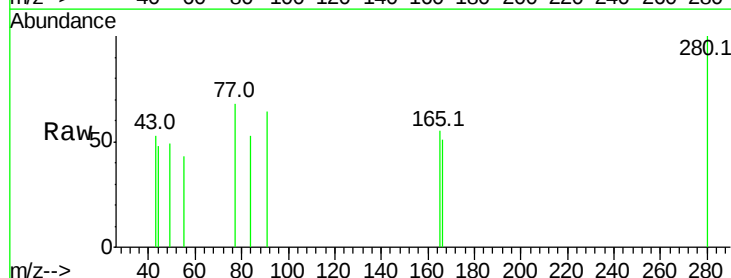
Instrument :
BNA_F
ClientSampled :

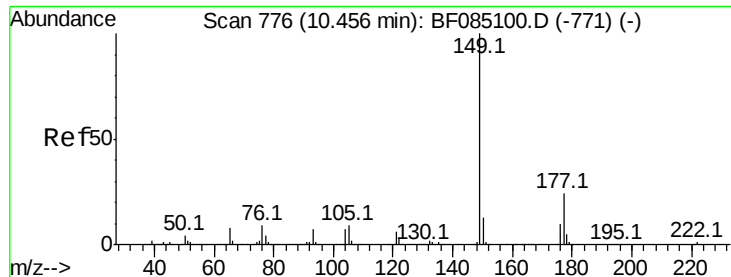
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	39.2	58.8#
89	1.8	66.2	99.4#
182	0.0	1.8	2.8#



#57
Fluorene
Concen: 0.01 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF085125.D
Acq: 2 Mar 2016 17:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	107.6	79.4	119.2
167	0.0	11.2	16.8#

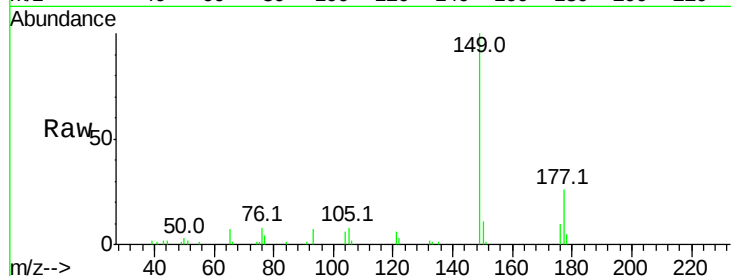




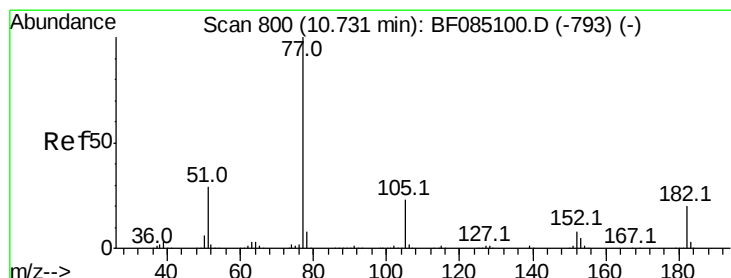
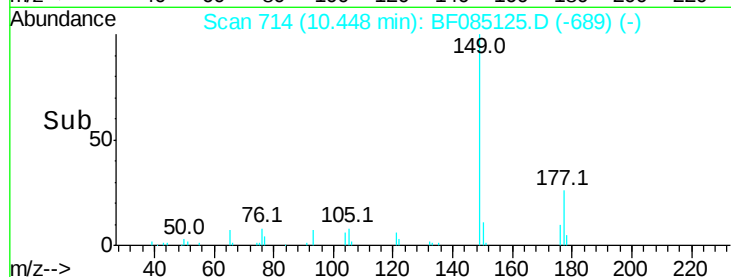
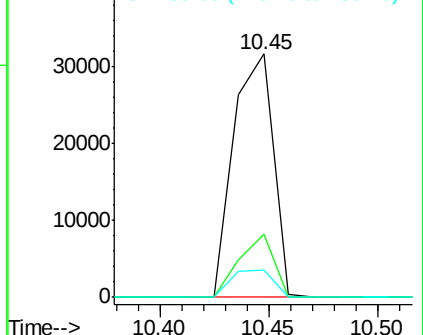
#59
Diethylphthalate
Concen: 1.85 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF085125.D
Acq: 2 Mar 2016 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 40018
Ion Ratio Lower Upper
149 100
177 26.2 19.4 29.2
150 11.1 10.1 15.1

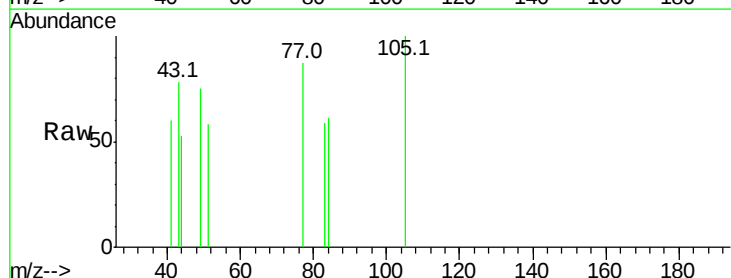


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

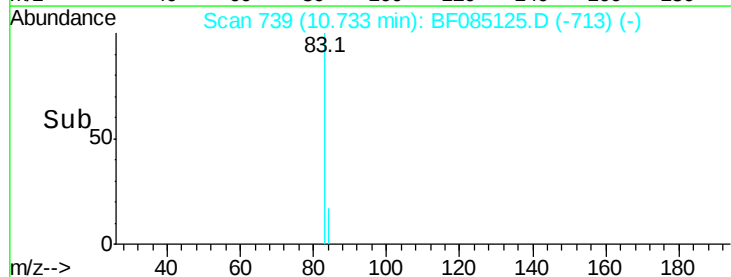
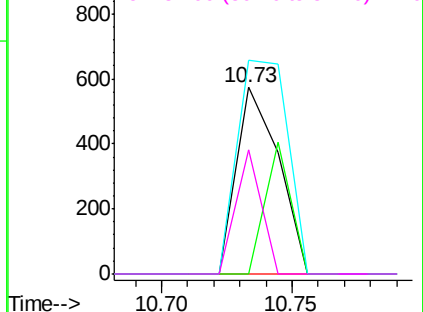


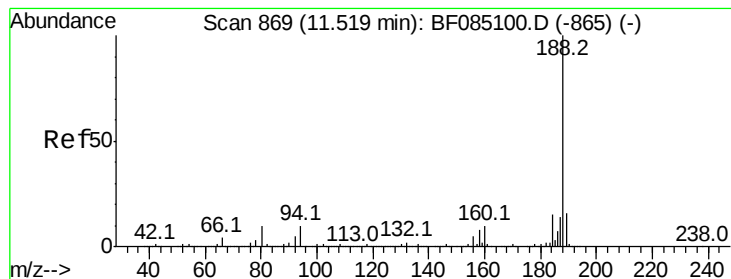
#62
Azobenzene
Concen: 0.03 ng
RT: 10.73 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085125.D
Acq: 2 Mar 2016 17:58

Tgt Ion: 77 Resp: 650
Ion Ratio Lower Upper
77 100
182 0.0 0.0 39.8
105 114.7 2.7 42.7#
51 66.5 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: 11.52 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :

BNA_F

ClientSampleId :

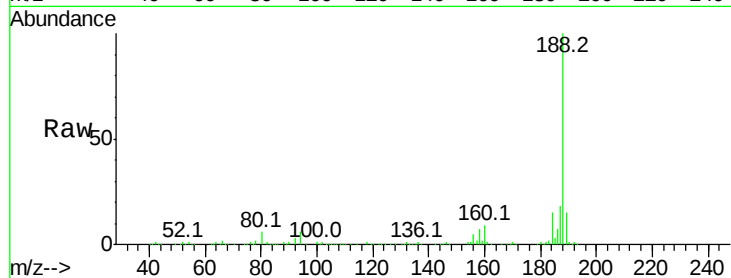
Tot Ion:188 Resp: 527216

Ion Ratio Lower Upper

188 100

94 6.2 7.8 11.6#

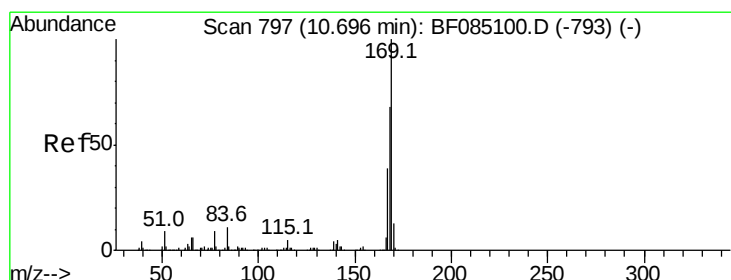
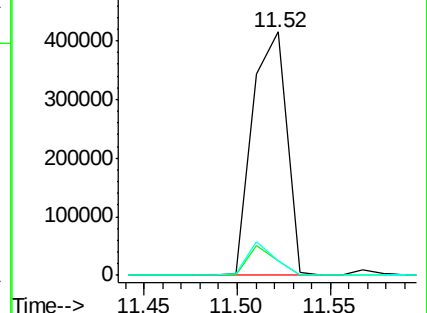
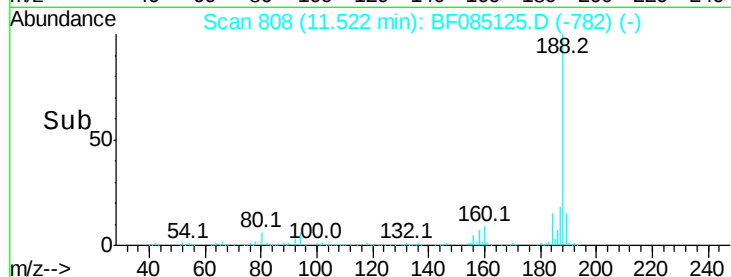
80 6.2 8.2 12.4#



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



#65

n-Nitrosodiphenylamine

Concen: 0.09 ng

RT: 10.81 min Scan# 746

Delta R.T. 0.12 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

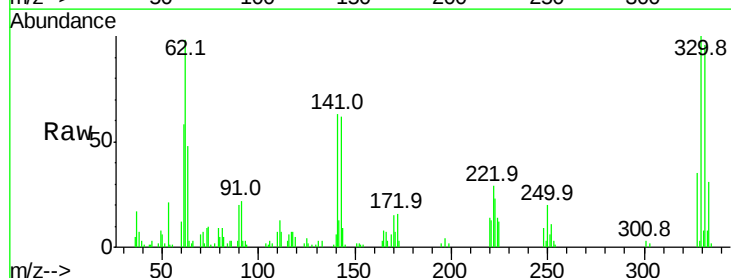
Tgt Ion:169 Resp: 1493

Ion Ratio Lower Upper

169 100

168 0.0 54.6 81.8#

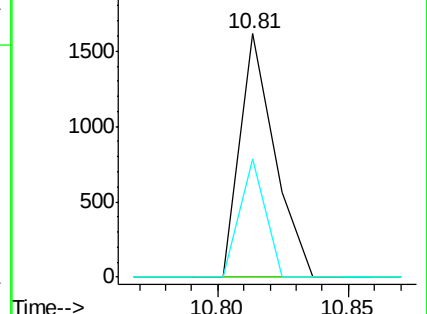
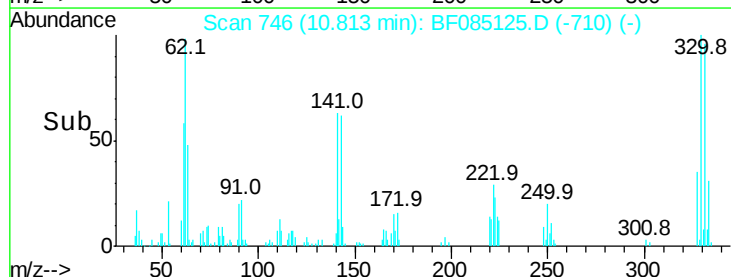
167 48.4 30.8 46.2#

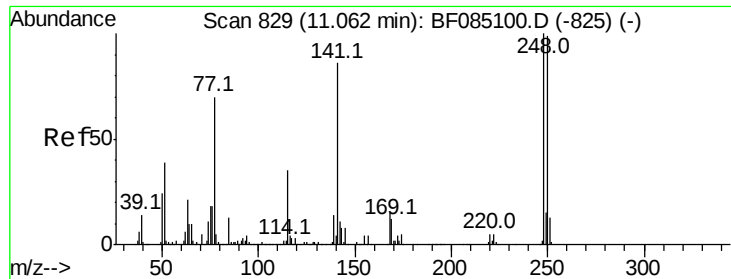


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

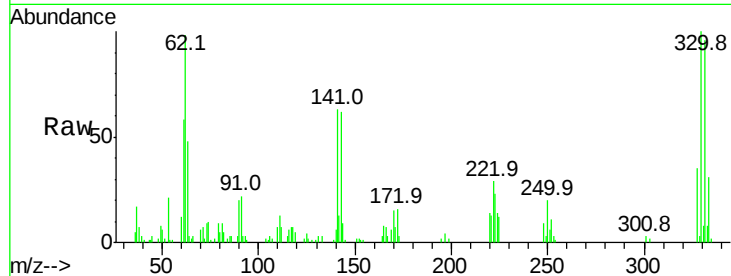




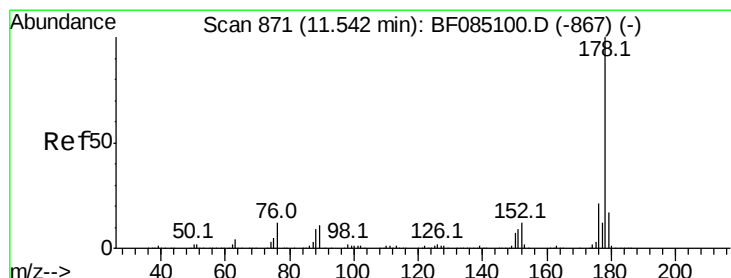
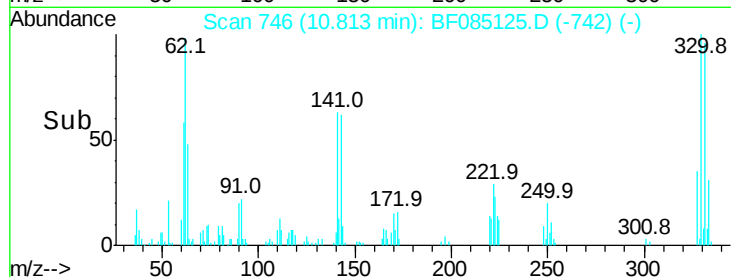
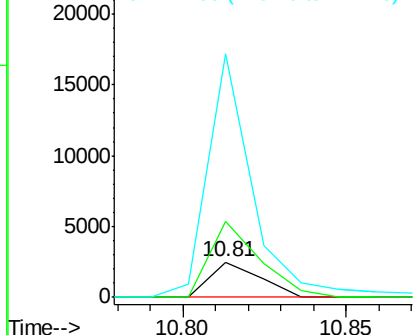
#66
4-Bromophenyl-phenylether
Concen: 0.47 ng
RT: 10.81 min Scan# 746
Delta R.T. -0.25 min
Lab File: BF085125.D
Acq: 2 Mar 2016 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 2600
Ion Ratio Lower Upper
248 100
250 217.4 79.0 118.4#
141 696.9 68.6 103.0#

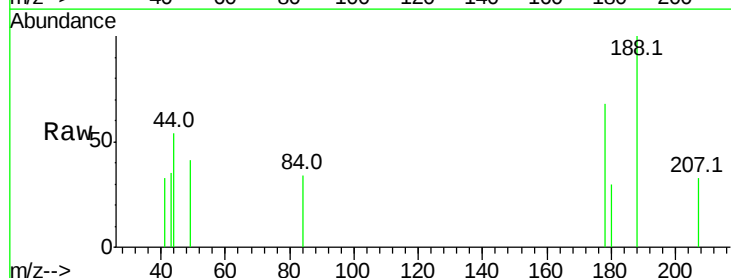


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

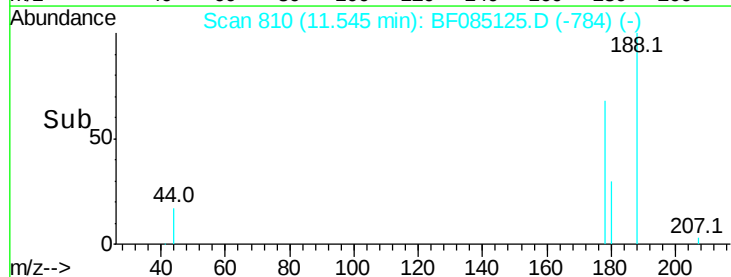
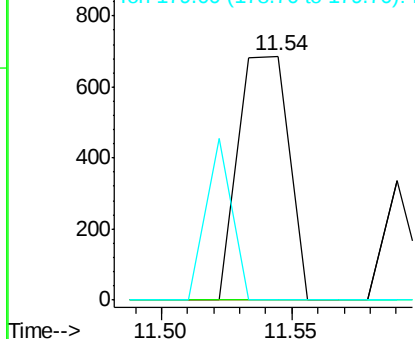


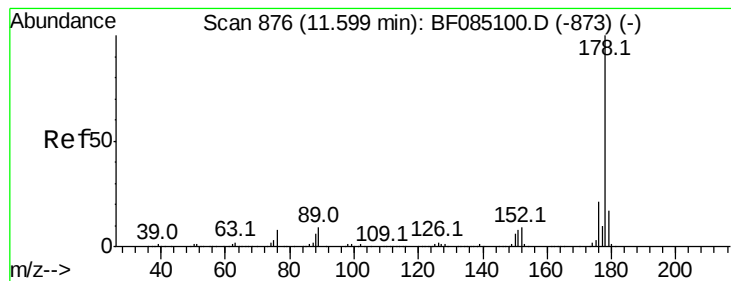
#70
Phenanthrene
Concen: 0.04 ng
RT: 11.54 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF085125.D
Acq: 2 Mar 2016 17:58

Tgt Ion:178 Resp: 939
Ion Ratio Lower Upper
178 100
176 0.0 17.0 25.6#
179 0.0 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





#71

Anthracene

Concen: 0.01 ng

RT: 11.59 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :

BNA_F

ClientSampleId :

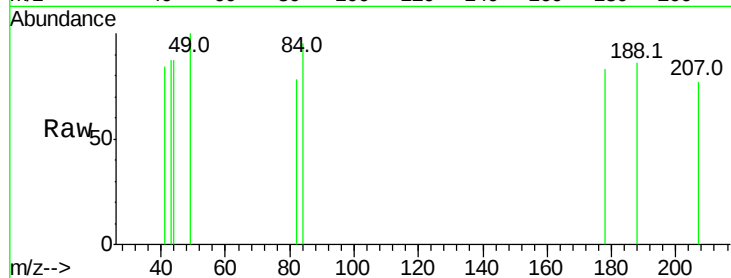
Tot Ion:178 Resp: 231

Ion Ratio Lower Upper

178 100

176 0.0 16.6 25.0#

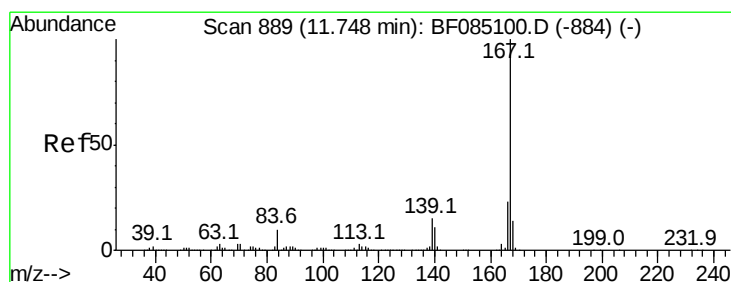
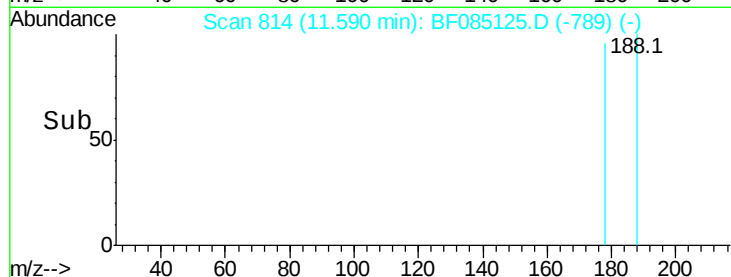
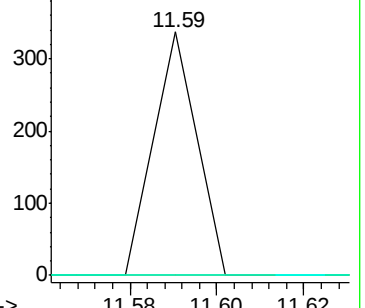
179 0.0 13.2 19.8#



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



#72

Carbazole

Concen: 0.01 ng

RT: 11.74 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

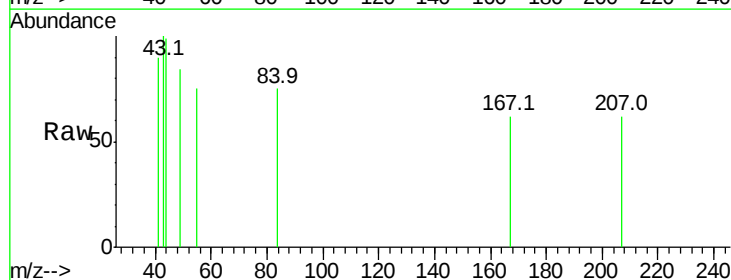
Tgt Ion:167 Resp: 216

Ion Ratio Lower Upper

167 100

166 0.0 18.6 28.0#

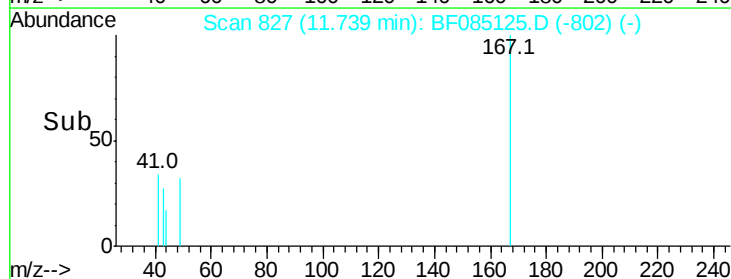
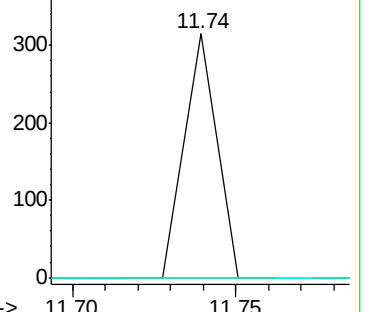
139 0.0 11.8 17.8#

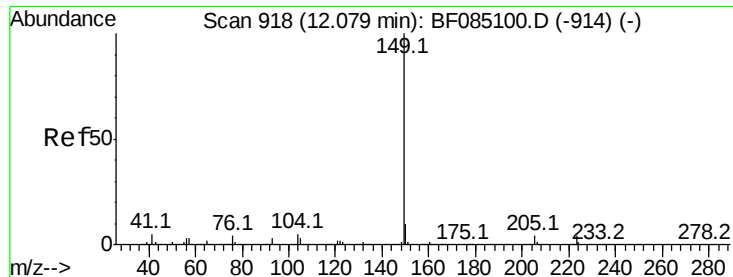


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.08 ng

RT: 12.07 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :

BNA_F

ClientSampleId :

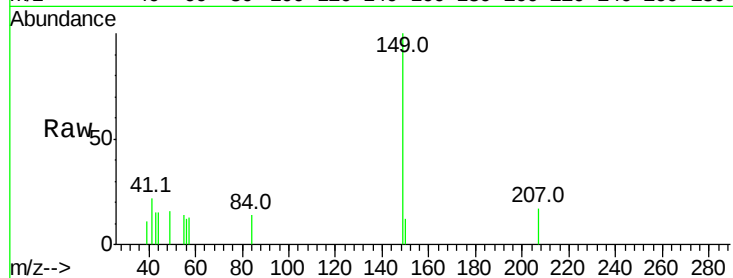
Tot Ion:149 Resp: 2498

Ion Ratio Lower Upper

149 100

150 12.4 7.7 11.5#

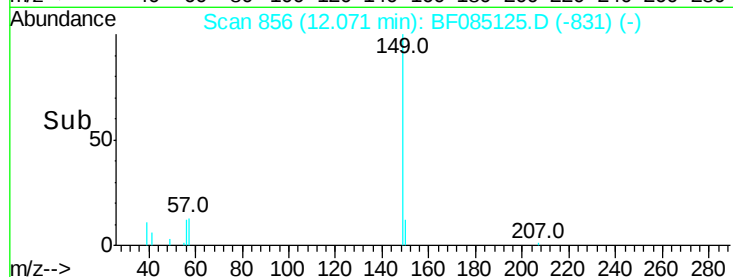
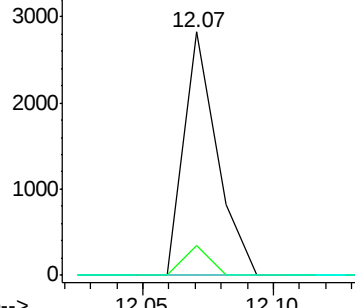
104 0.0 3.7 5.5#



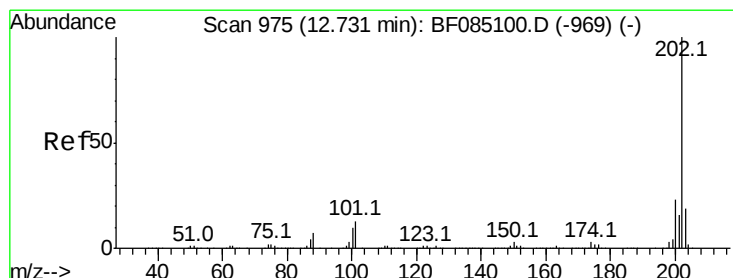
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#74

Fluoranthene

Concen: 0.01 ng

RT: 12.72 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

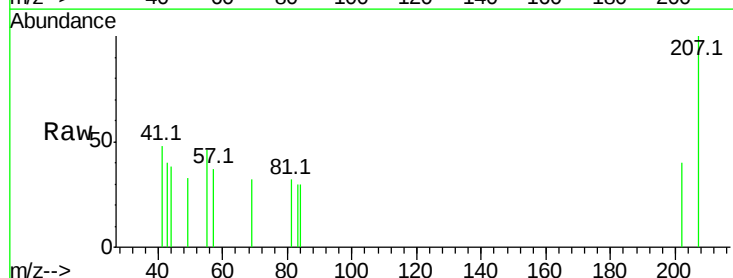
Tgt Ion:202 Resp: 289

Ion Ratio Lower Upper

202 100

101 0.0 0.0 33.2

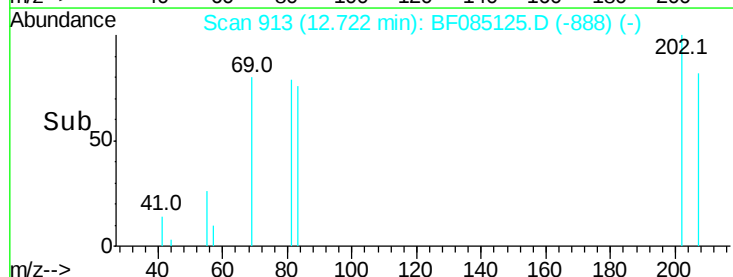
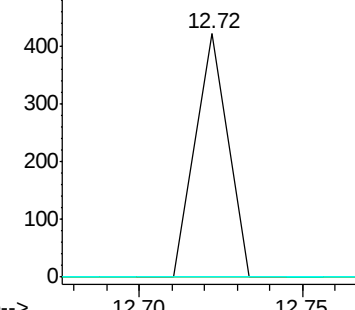
203 0.0 0.0 38.6



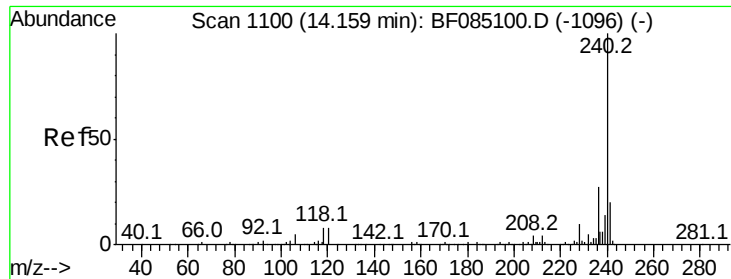
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :

BNA_F

ClientSampleId :

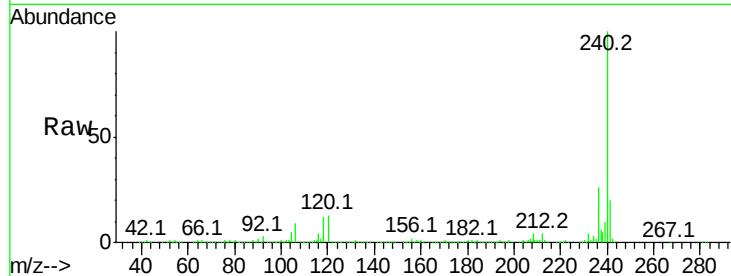
Tot Ion:240 Resp: 344282

Ion Ratio Lower Upper

240 100

120 13.4 6.7 10.1#

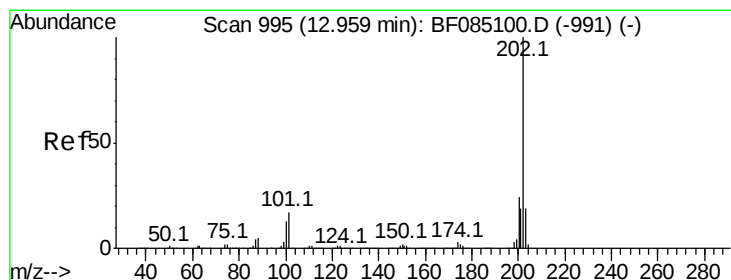
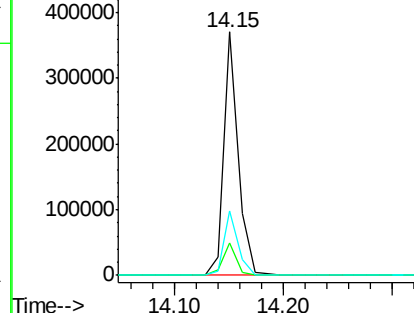
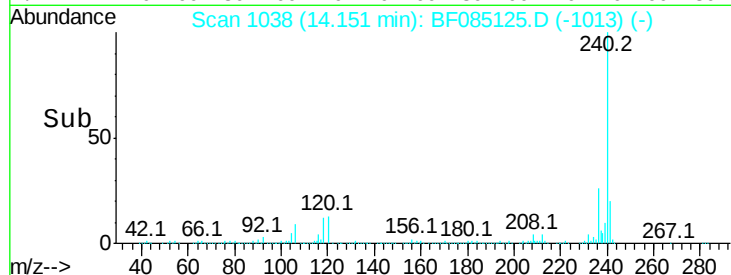
236 26.4 21.6 32.4



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: 0.04 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

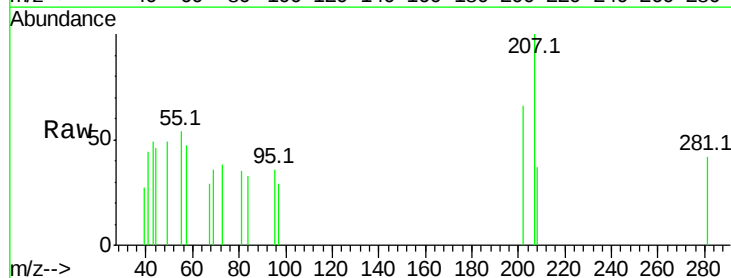
Tgt Ion:202 Resp: 933

Ion Ratio Lower Upper

202 100

200 0.0 19.0 28.6#

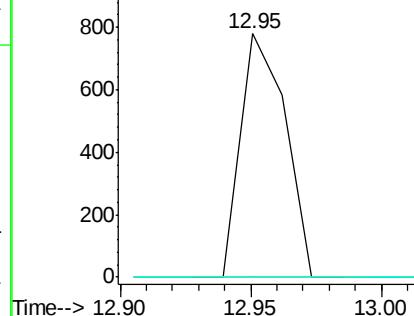
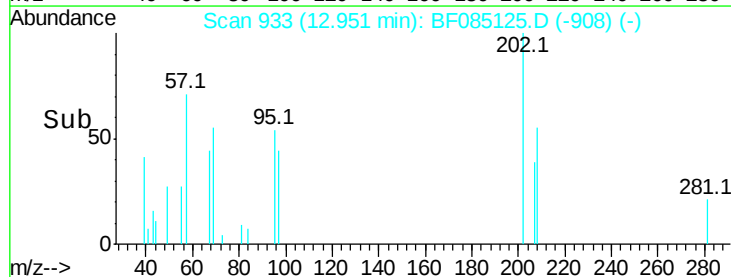
203 0.0 15.0 22.6#

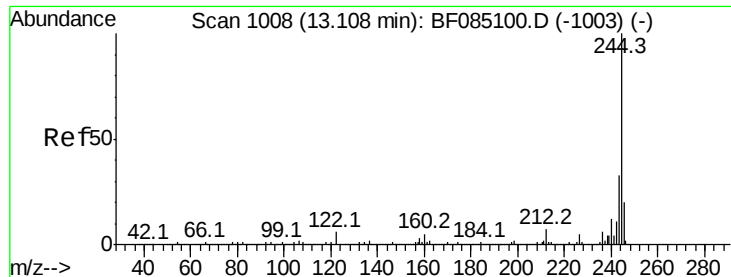


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 105.53 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :

BNA_F

ClientSampleId :

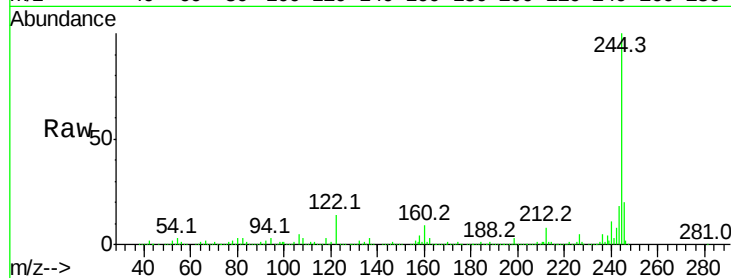
Tot Ion:244 Resp: 1548795

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

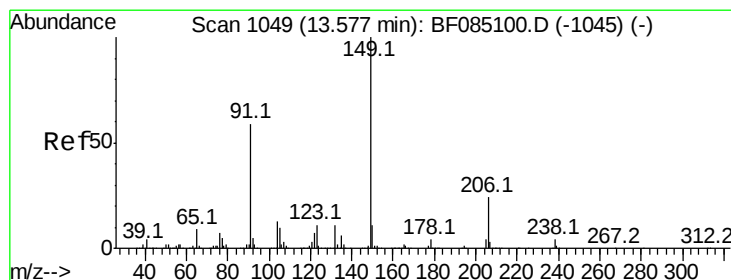
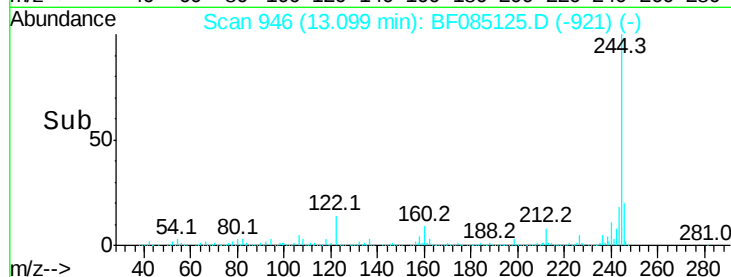
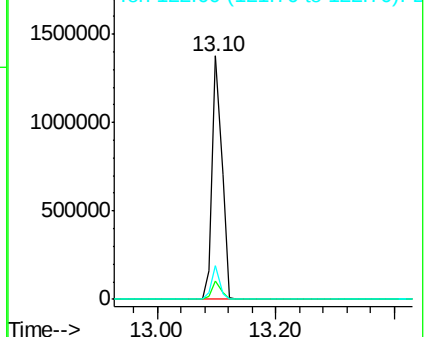
122 14.1 5.1 7.7#



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



#79

Butylbenzylphthalate

Concen: 0.02 ng

RT: 13.57 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

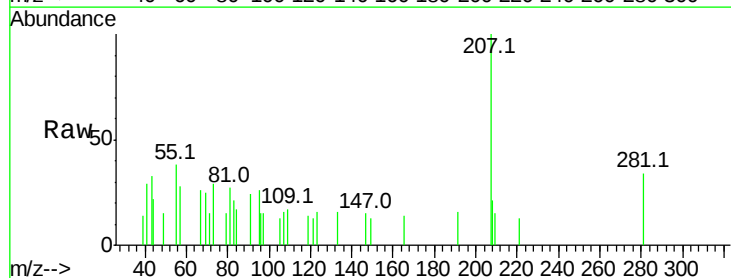
Tgt Ion:149 Resp: 212

Ion Ratio Lower Upper

149 100

91 182.8 46.9 70.3#

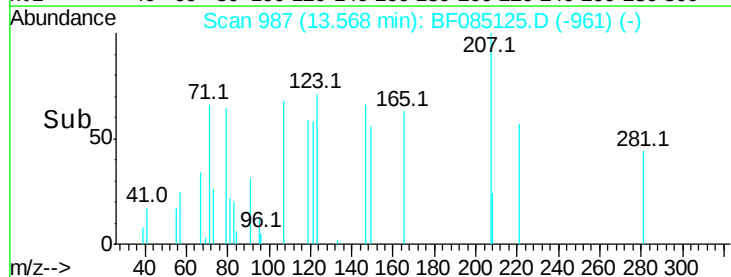
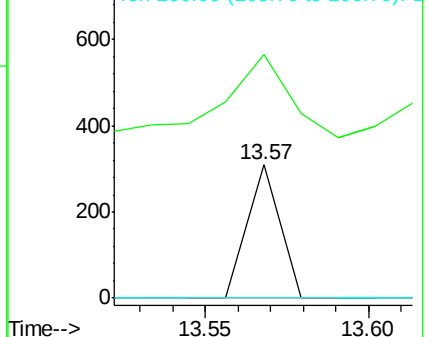
206 0.0 19.0 28.6#

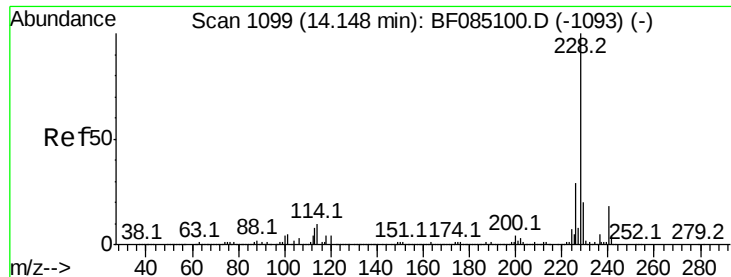


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.07 ng

RT: 14.15 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :

BNA_F

ClientSampleId :

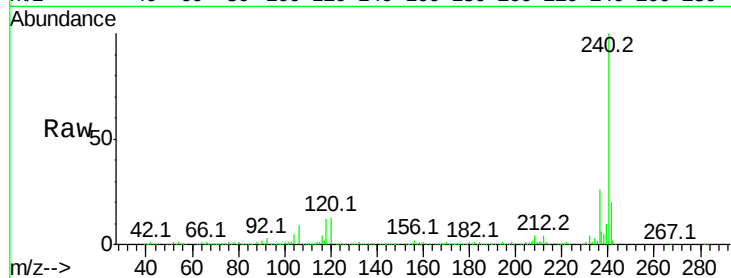
Tot Ion:228 Resp: 1328

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.4#

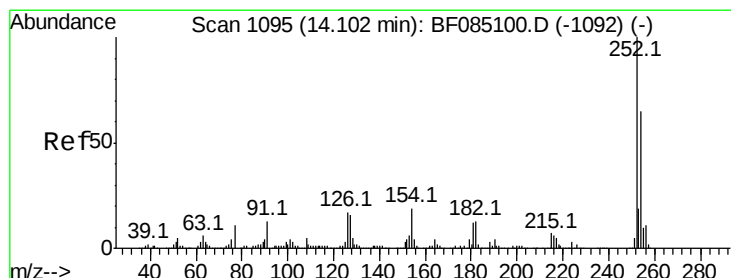
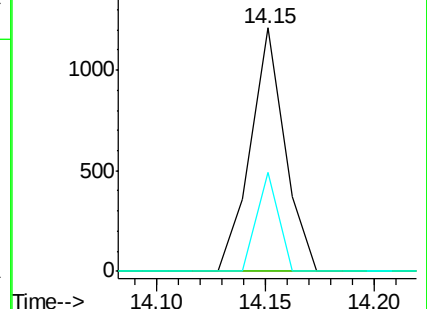
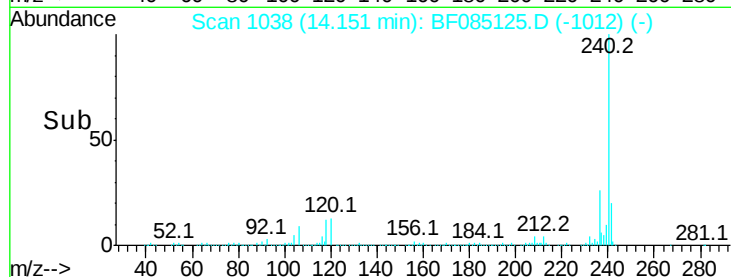
229 40.8 16.1 24.1#



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



#81

3,3'-Dichlorobenzidine

Concen: 0.03 ng

RT: 14.11 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

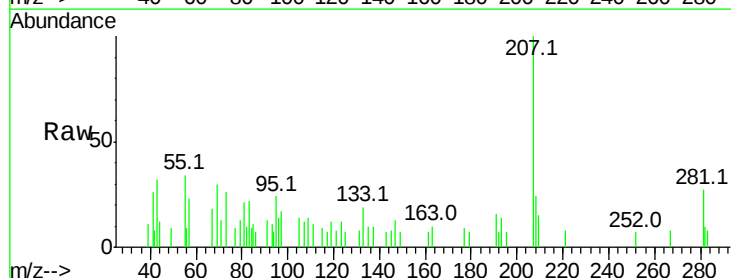
Tgt Ion:252 Resp: 218

Ion Ratio Lower Upper

252 100

254 0.0 51.8 77.6#

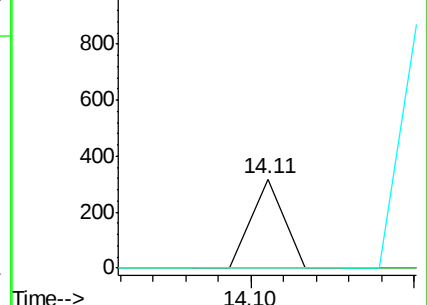
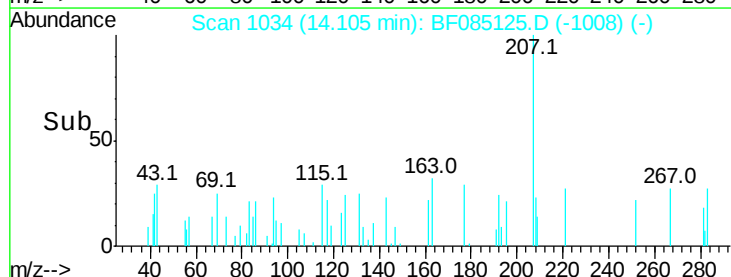
126 0.0 13.2 19.8#

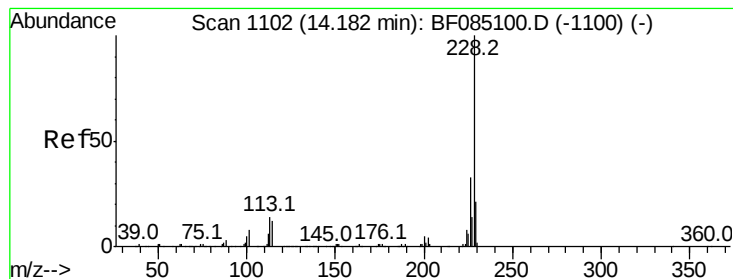


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.07 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :

BNA_F

ClientSampleId :

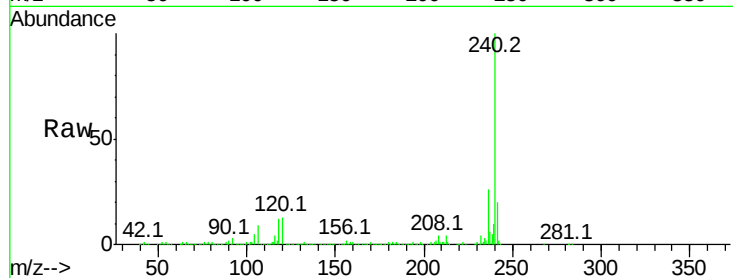
Tot Ion:228 Resp: 1328

Ion Ratio Lower Upper

228 100

226 0.0 26.2 39.4#

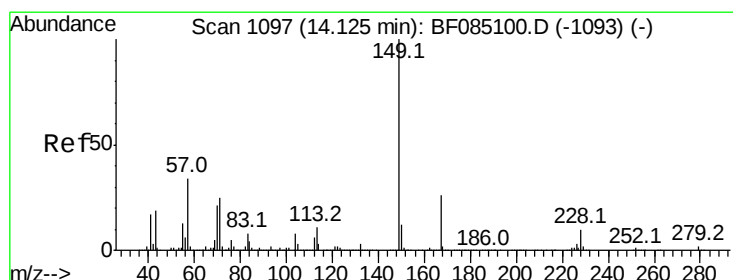
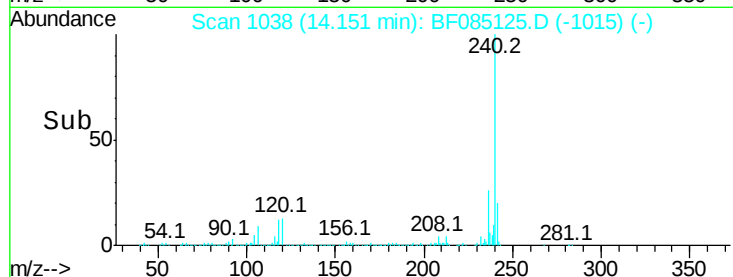
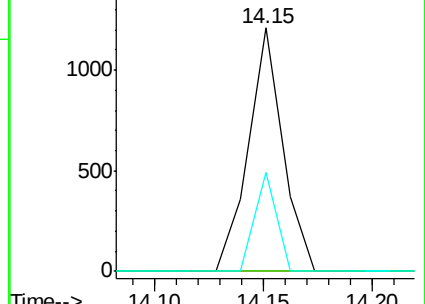
229 40.8 16.5 24.7#



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: 0.09 ng

RT: 14.13 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

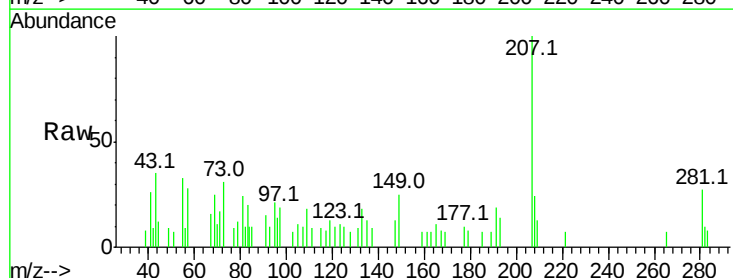
Tgt Ion:149 Resp: 1051

Ion Ratio Lower Upper

149 100

167 31.3 20.6 31.0#

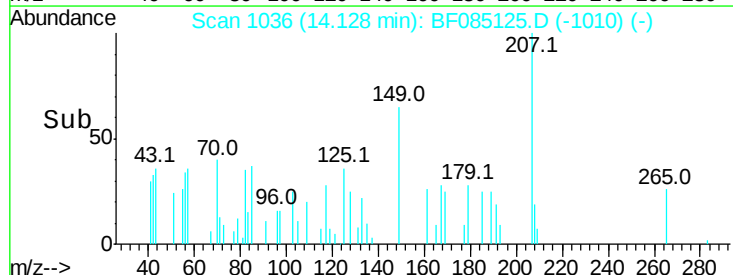
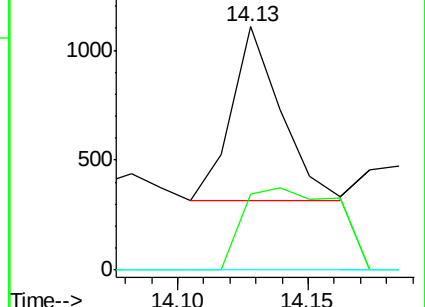
279 0.0 2.0 3.0#

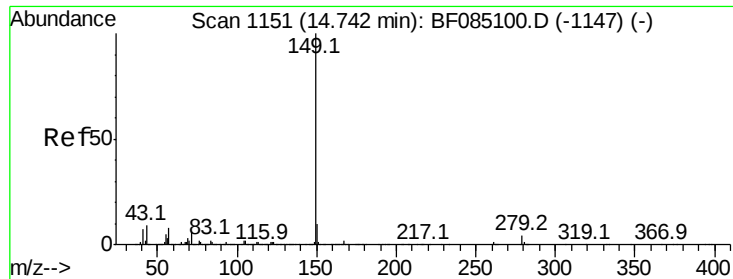


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

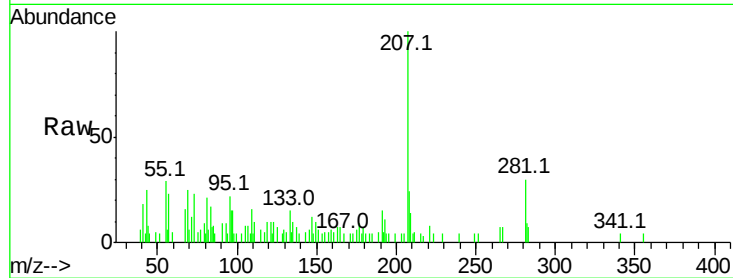




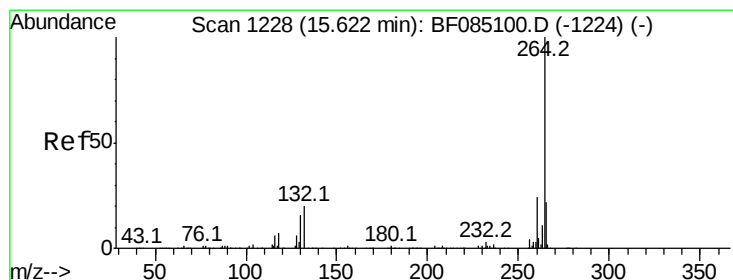
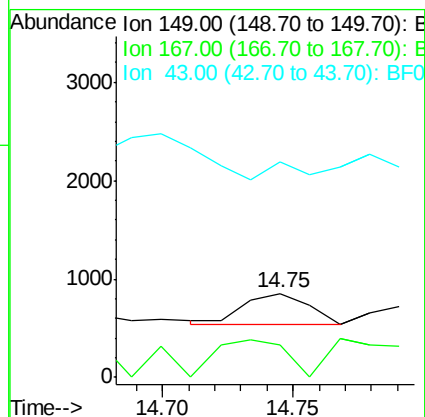
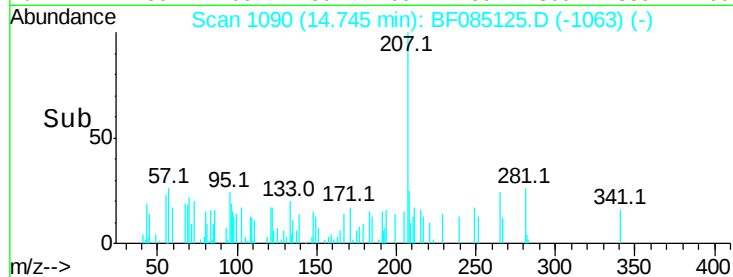
#84
Di-n-octyl phthalate
Concen: 0.03 ng
RT: 14.75 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BF085125.D
Acq: 2 Mar 2016 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 529
Ion Ratio Lower Upper
149 100
167 134.0 1.2 1.8#
43 0.0 8.8 13.2#

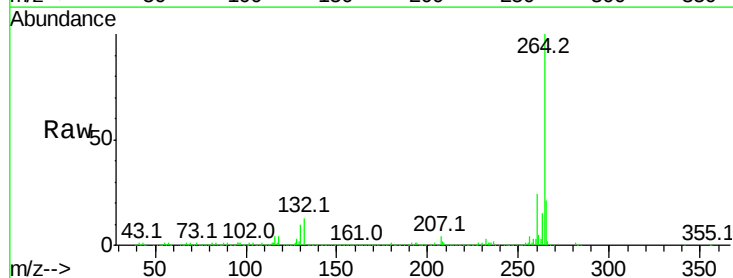


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

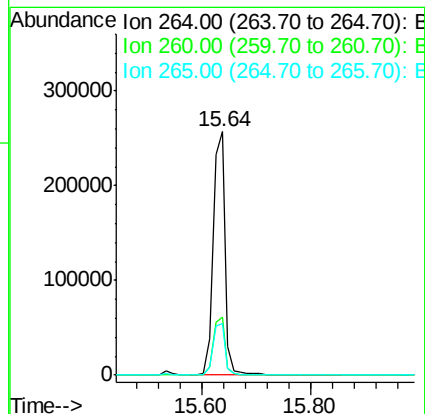
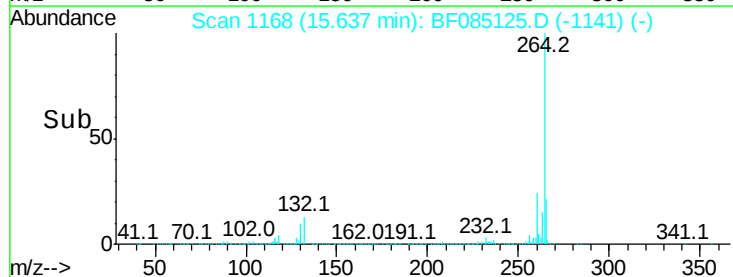


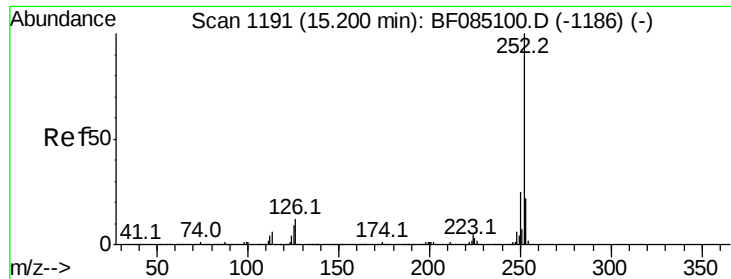
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.64 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF085125.D
Acq: 2 Mar 2016 17:58

Tgt Ion:264 Resp: 396163
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





#87

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 14.99 min Scan# 1111

Delta R.T. -0.21 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :

BNA_F

ClientSampleId :

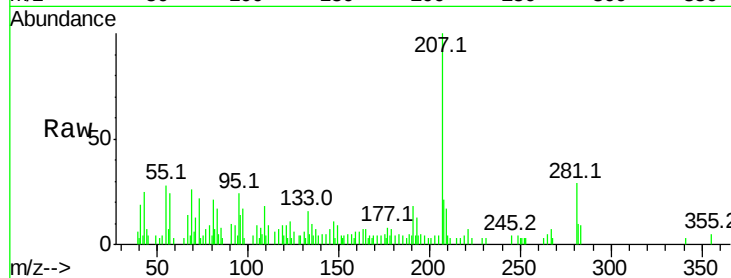
Tot Ion:252 Resp: 221

Ion Ratio Lower Upper

252 100

253 106.8 17.8 26.8#

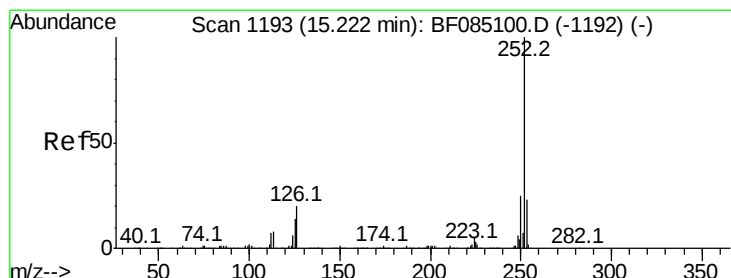
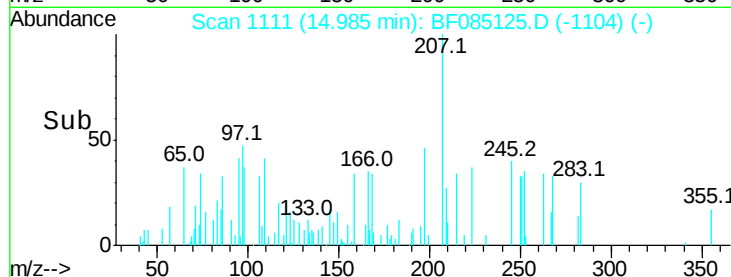
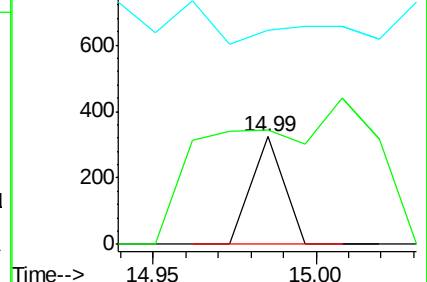
125 199.7 7.0 10.4#



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



#88

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 14.99 min Scan# 1111

Delta R.T. -0.24 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

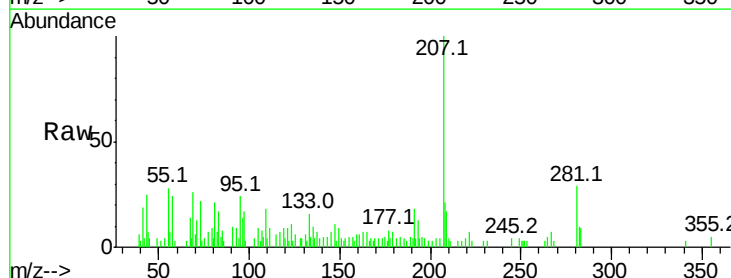
Tgt Ion:252 Resp: 221

Ion Ratio Lower Upper

252 100

253 106.8 18.2 27.4#

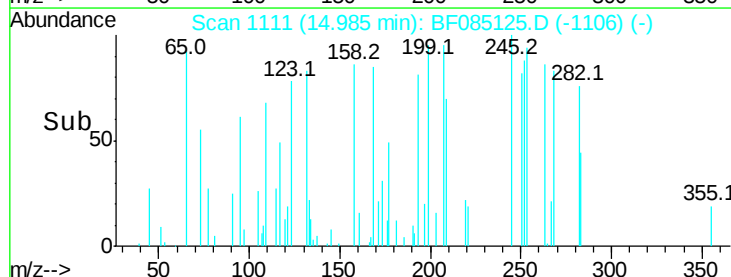
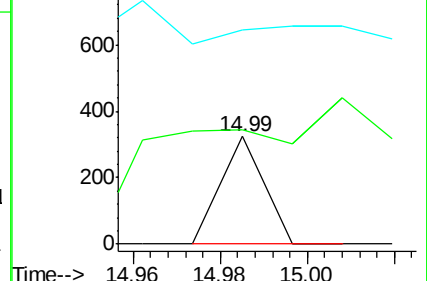
125 199.7 11.1 16.7#

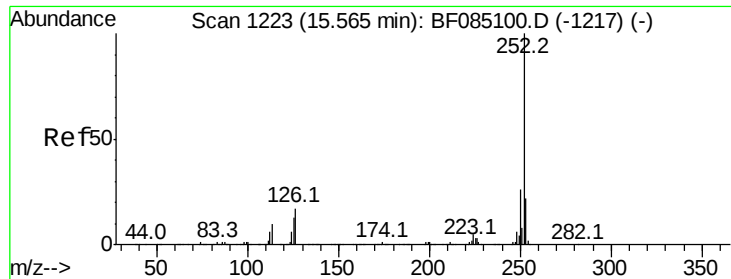


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.11 ng

RT: 15.63 min Scan# 1167

Delta R.T. 0.06 min

Lab File: BF085125.D

Acq: 2 Mar 2016 17:58

Instrument :

BNA_F

ClientSampleId :

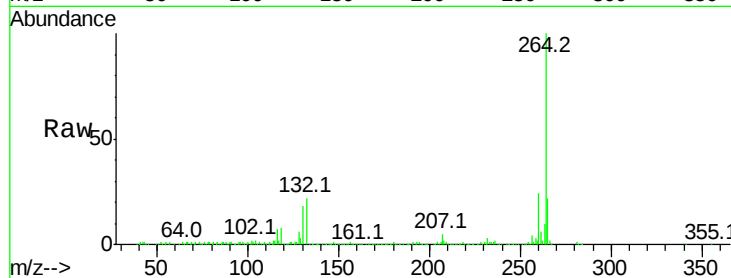
Tot Ion:252 Resp: 2271

Ion Ratio Lower Upper

252 100

253 56.3 18.0 27.0#

125 77.1 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

