

Data File : BF093192.D
Acq On : 25 Feb 2017 14:57
Operator : SJ/MA
Sample : I1972-22
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-Z6-BASE

Quant Time: Feb 26 23:43:26 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	136946	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	453212	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	188185	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	303130	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	248001	20.00	ng	0.05
86) Perylene-d12	15.49	264	189552	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	804749	100.82	ng	-0.01
7) Phenol-d6	6.49	99	999133	97.28	ng	0.00
23) Nitrobenzene-d5	7.41	82	609588	74.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	136997	100.65	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	890879	85.77	ng	-0.01
78) Terphenyl-d14	12.98	244	511551	48.47	ng	0.01

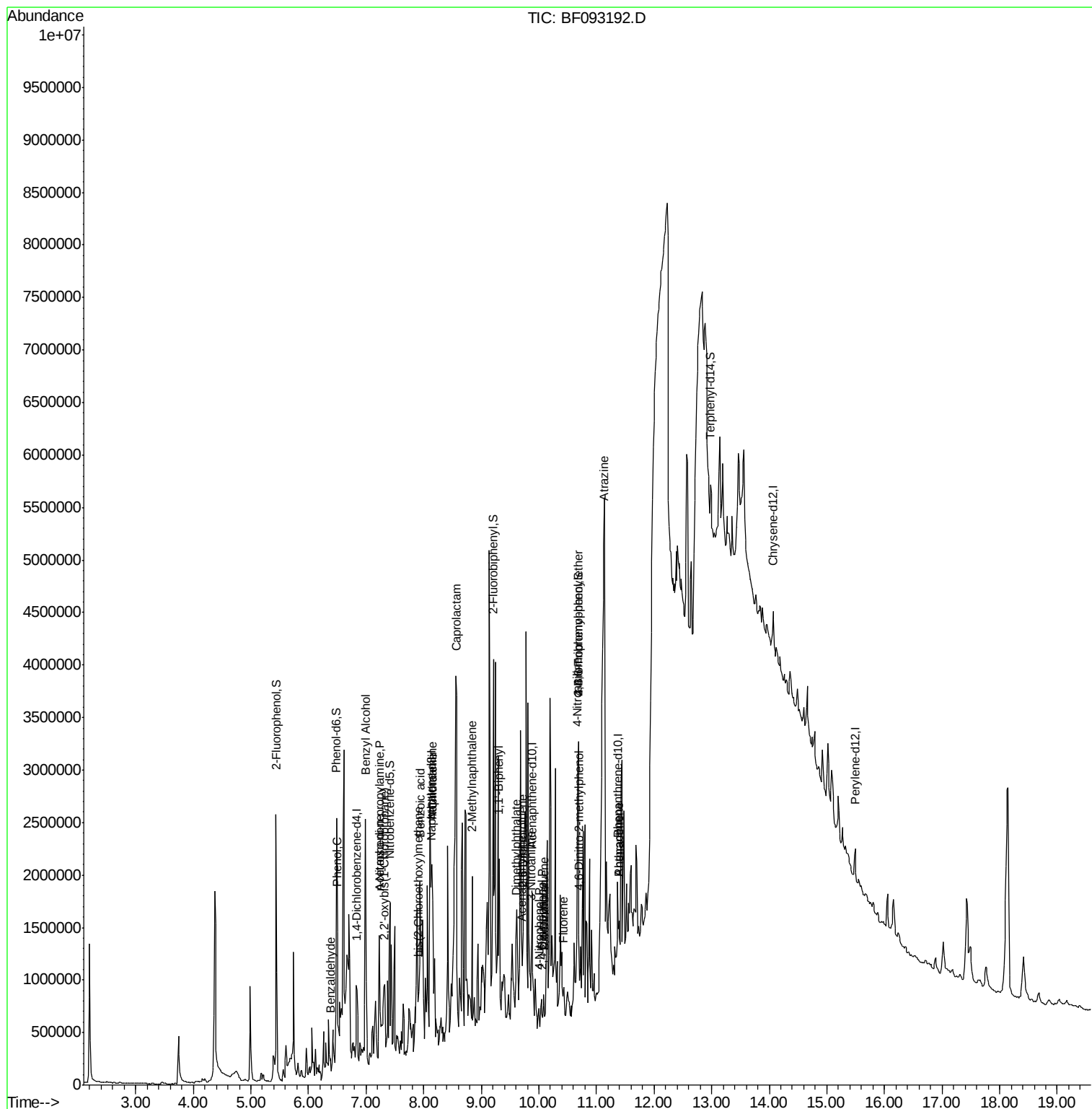
Target Compounds				Qvalue		
9) Benzaldehyde	6.38	77	21192	2.88	ng	88
10) Phenol	6.50	94	55072	4.58	ng	# 83
15) Benzyl Alcohol	6.99	79	18967	2.49	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	7.32	45	80557	4.83	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	43026	6.58	ng	# 49
22) Acetophenone	7.23	105	89032	8.60	ng	# 54
28) bis(2-Chloroethoxy)methane	7.90	93	54618	5.44	ng	# 94
31) Naphthalene	8.14	128	829347	36.10	ng	99
32) Benzoic acid	7.94	122	2657	7.74	ng	# 1
33) 4-Chloroaniline	8.14	127	113852	12.64	ng	# 36
35) Caprolactam	8.57	113	83845	40.97	ng	# 57
37) 2-Methylnaphthalene	8.84	142	370450	25.11	ng	97
45) 1,1'-Biphenyl	9.31	154	206990	15.19	ng	99
48) Acenaphthylene	9.71	152	38621	2.10	ng	# 62
49) Dimethylphthalate	9.61	163	65558	5.17	ng	# 98
50) 2,6-Dinitrotoluene	9.72	165	15432	5.64	ng	# 59
52) 3-Nitroaniline	9.87	138	9203	2.94	ng	# 23
53) 2,4-Dinitrophenol	10.05	184	238	4.90	ng	# 1
54) Dibenzofuran	10.09	168	91871	6.24	ng	95
55) 4-Nitrophenol	10.01	139	10203	4.52	ng	# 47
56) 2,4-Dinitrotoluene	10.09	165	8053	2.21	ng	# 48
57) Fluorene	10.43	166	38171	3.37	ng	# 92
61) 4-Nitroaniline	10.67	138	8153	2.54	ng	92
64) 4,6-Dinitro-2-methylphenol	10.69	198	2015	3.70	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	10485	3.31	ng	# 1
68) Atrazine	11.13	200	17923	5.77	ng	# 49
70) Phenanthrene	11.39	178	129825	7.48	ng	97
71) Anthracene	11.39	178	129825	7.44	ng	99

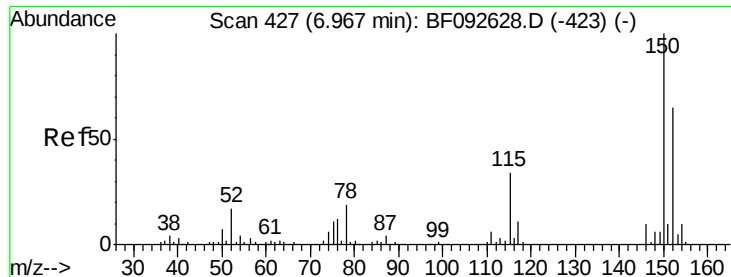
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 45 Sample Multiplier: 1

E2-Z6-BASE

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

Instrument :

BNA_F

ClientSampleId :

E2-Z6-BASE

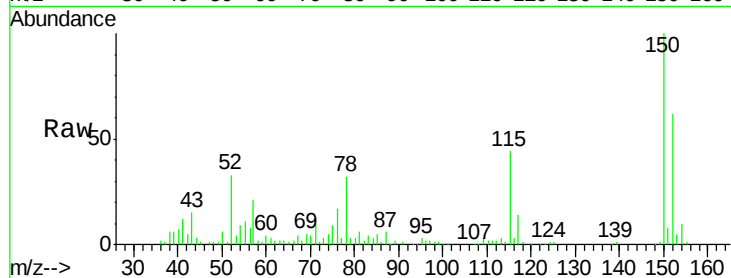
Tgt Ion:152 Resp: 136946

Ion Ratio Lower Upper

152 100

150 161.8 124.9 187.3

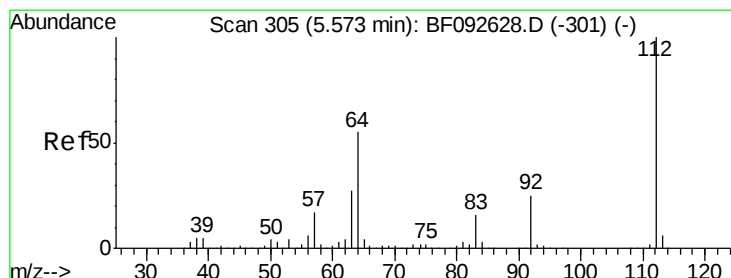
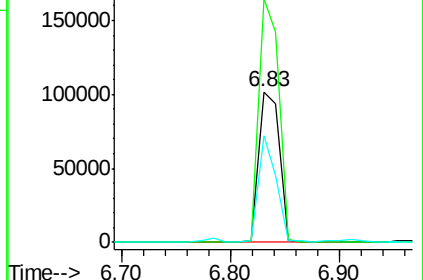
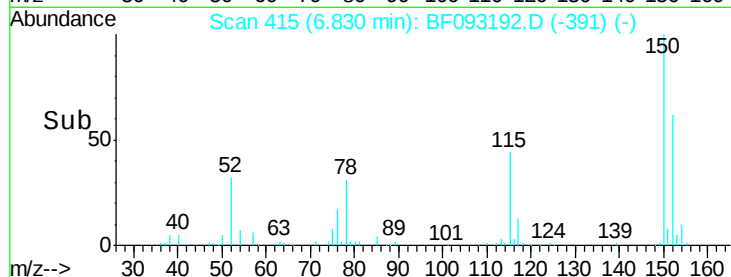
115 70.9 46.0 69.0#



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



#5

2-Fluorophenol

Concen: 100.82 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

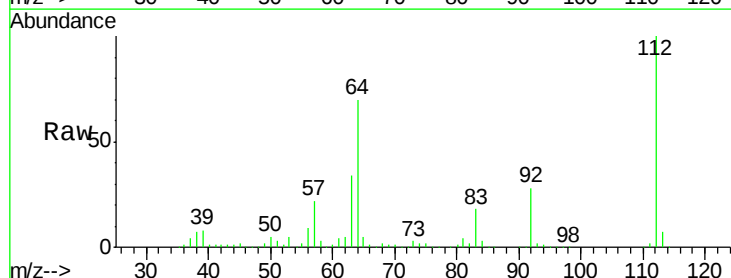
Tgt Ion:112 Resp: 804749

Ion Ratio Lower Upper

112 100

64 70.1 46.1 69.1#

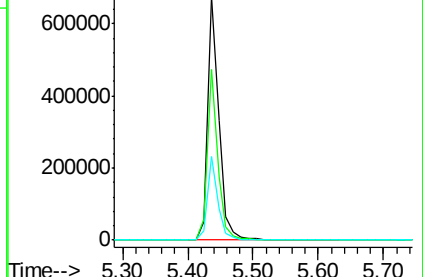
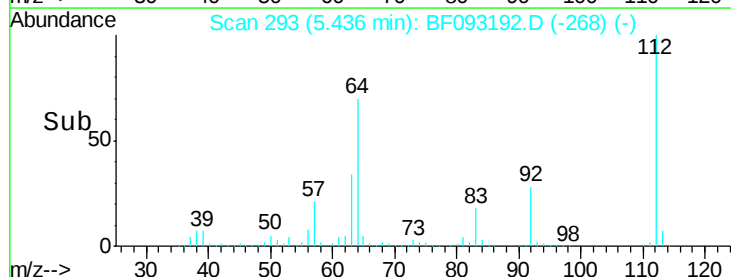
63 34.2 23.8 35.6

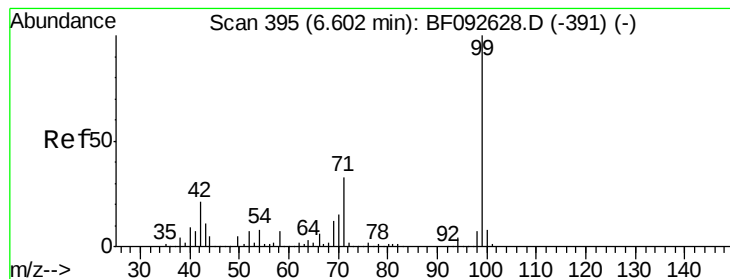


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.28 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

Instrument :

BNA_F

ClientSampleId :

E2-Z6-BASE

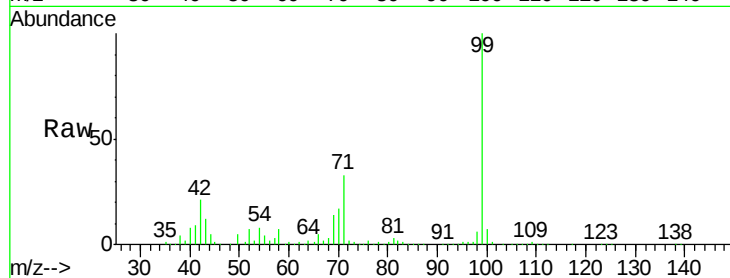
Tgt Ion: 99 Resp: 999133

Ion Ratio Lower Upper

99 100

42 21.1 15.6 23.4

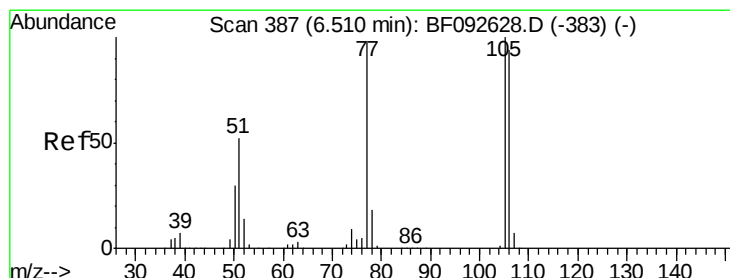
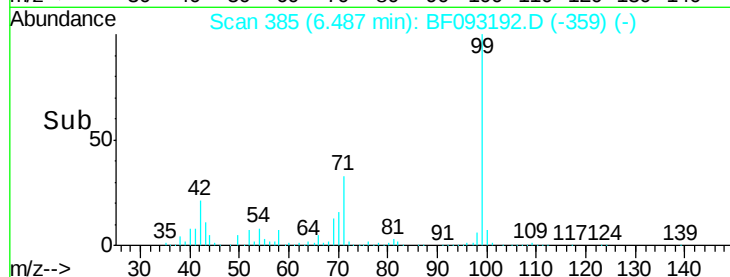
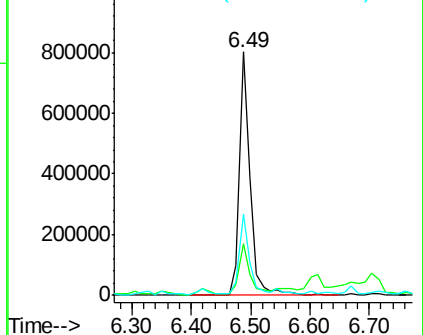
71 33.1 27.5 41.3



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



#9

Benzaldehyde

Concen: 2.88 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

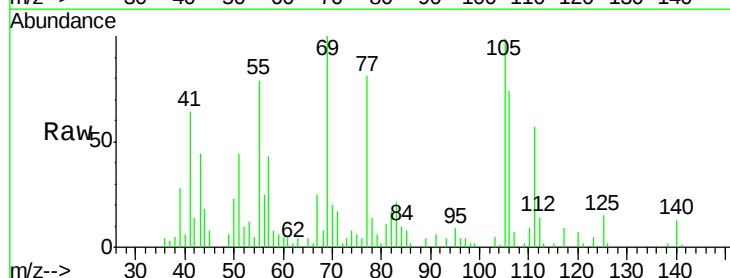
Tgt Ion: 77 Resp: 21192

Ion Ratio Lower Upper

77 100

105 122.6 83.9 123.9

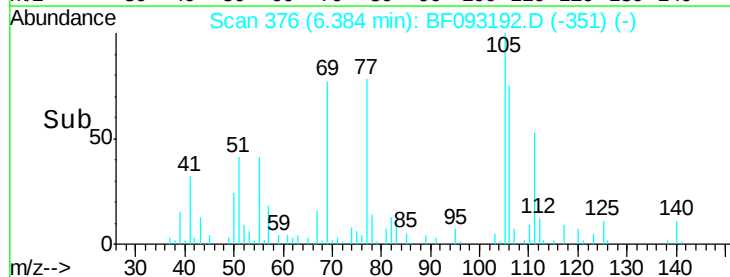
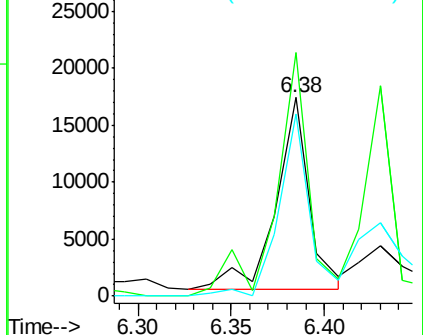
106 91.8 77.6 117.6

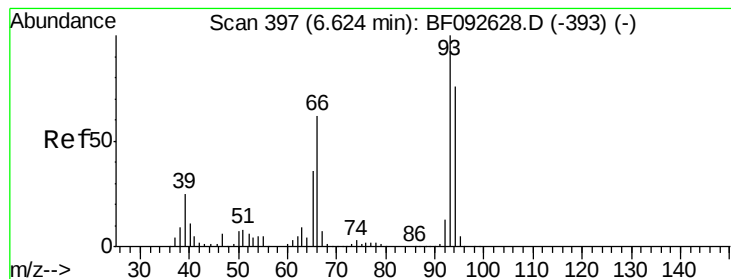


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 4.58 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

Instrument :

BNA_F

ClientSampleId :

E2-Z6-BASE

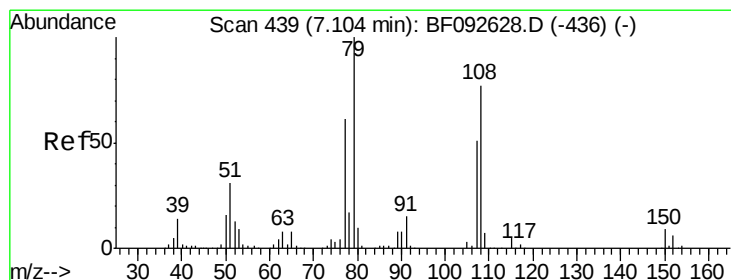
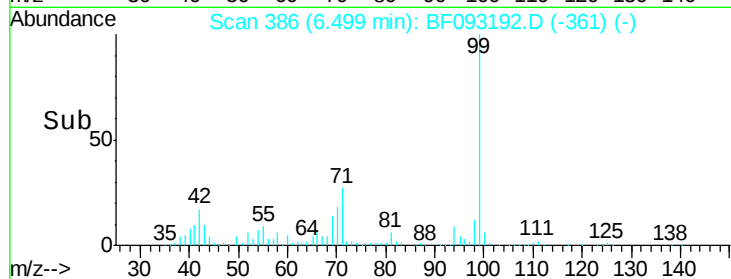
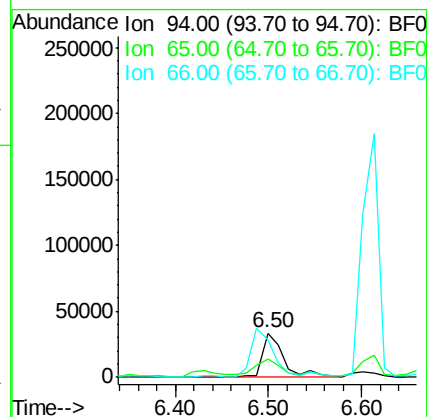
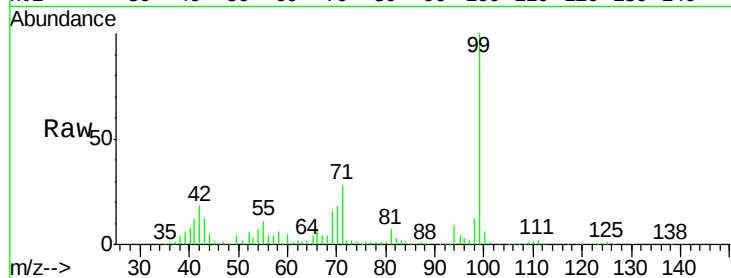
Tgt Ion: 94 Resp: 55072

Ion Ratio Lower Upper

94 100

65 42.6 21.4 61.4

66 84.9 44.0 84.0#



#15

Benzyl Alcohol

Concen: 2.49 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

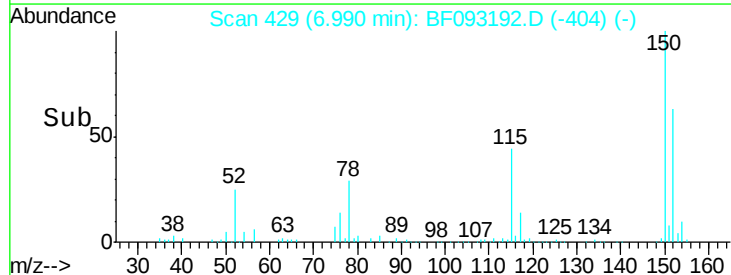
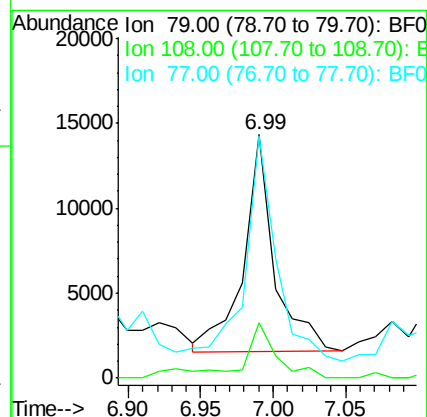
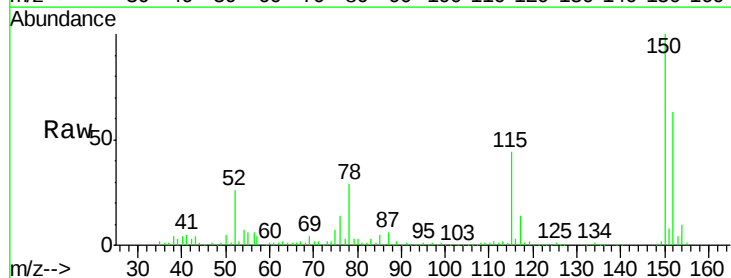
Tgt Ion: 79 Resp: 18967

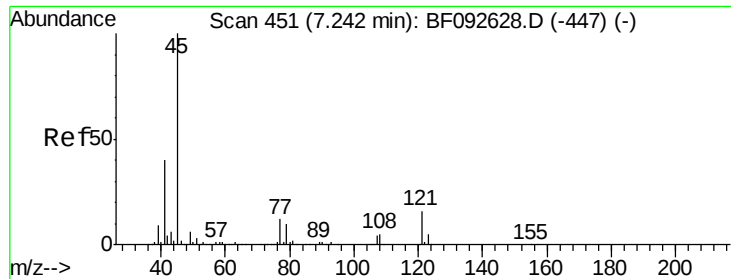
Ion Ratio Lower Upper

79 100

108 22.9 61.4 92.0#

77 99.8 50.9 76.3#

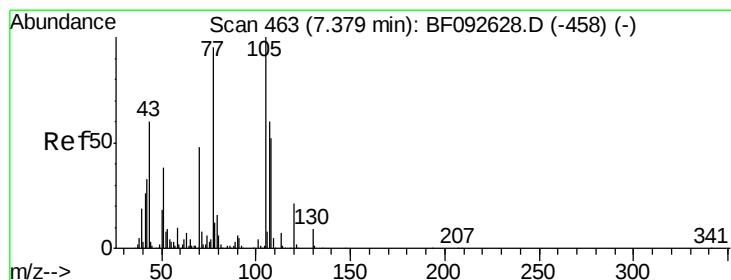
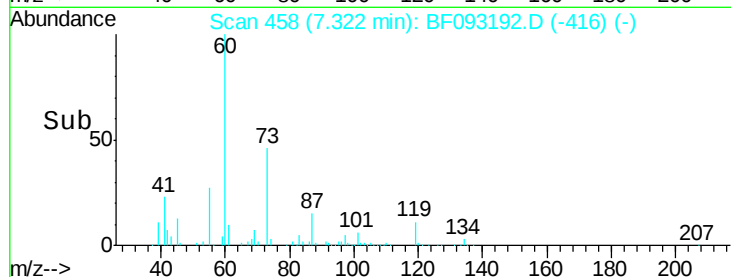
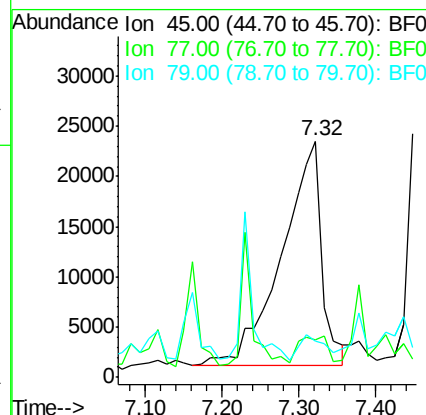
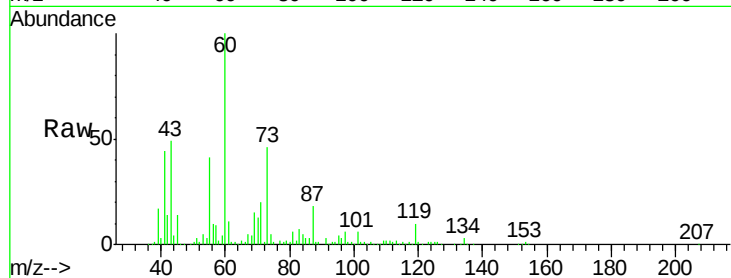




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 4.83 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.18 min
 Lab File: BF093192.D
 Acq: 25 Feb 2017 14:57

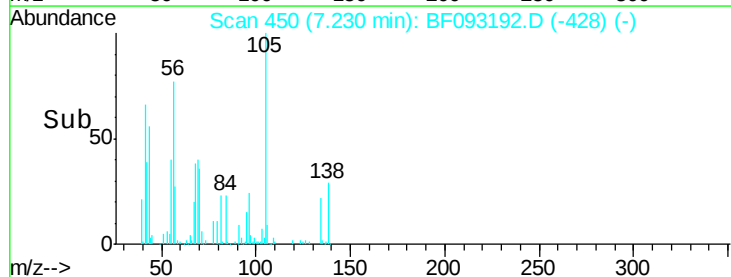
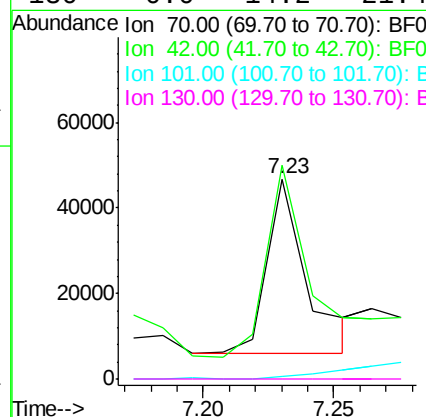
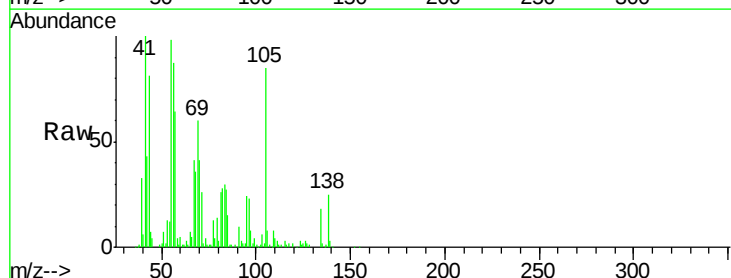
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z6-BASE

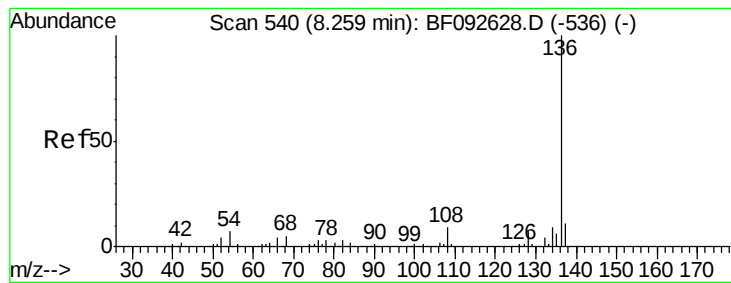
Tgt Ion: 45 Resp: 80557
 Ion Ratio Lower Upper
 45 100
 77 15.7 0.0 34.6
 79 15.5 0.0 31.2



#19
 n-Nitroso-di-n-propylamine
 Concen: 6.58 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.05 min
 Lab File: BF093192.D
 Acq: 25 Feb 2017 14:57

Tgt Ion: 70 Resp: 43026
 Ion Ratio Lower Upper
 70 100
 42 106.7 49.4 74.0#
 101 1.1 7.4 11.2#
 130 0.0 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

Instrument :

BNA_F

ClientSampleId :

E2-Z6-BASE

Tgt Ion:136 Resp: 453212

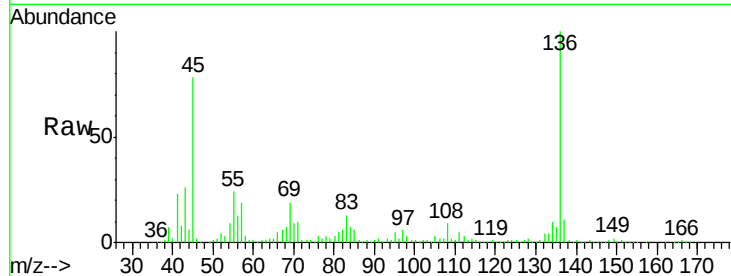
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 8.8 4.5 6.7#

68 7.1 3.6 5.4#

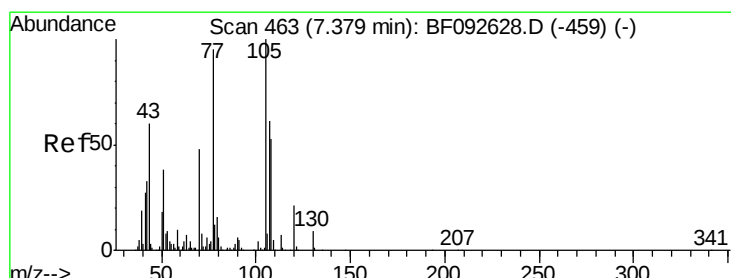
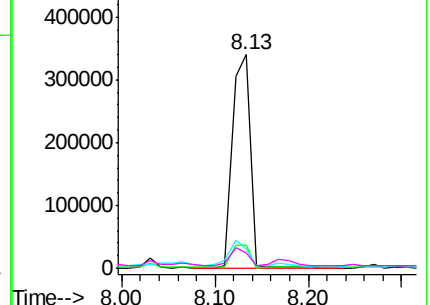
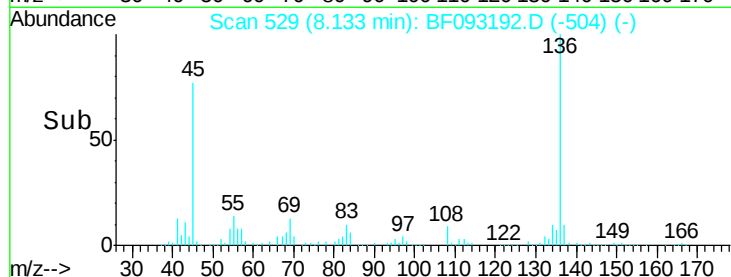


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 8.60 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

Tgt Ion:105 Resp: 89032

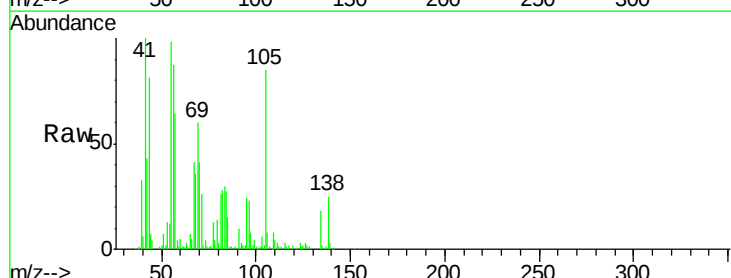
Ion Ratio Lower Upper

105 100

71 30.8 3.2 4.8#

51 8.6 26.2 39.4#

120 0.0 16.6 24.8#

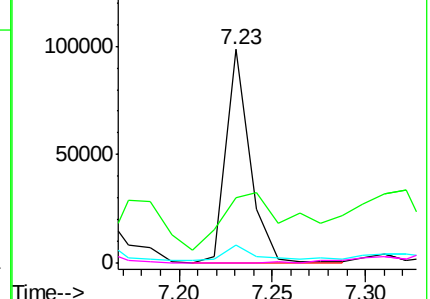
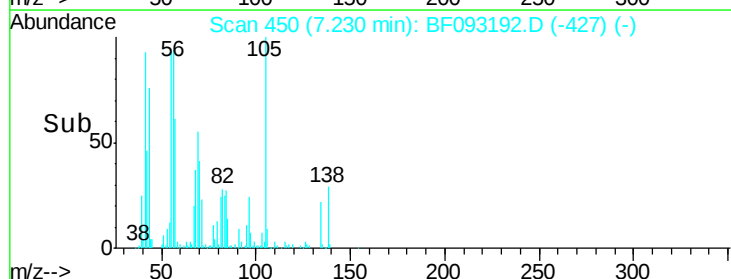


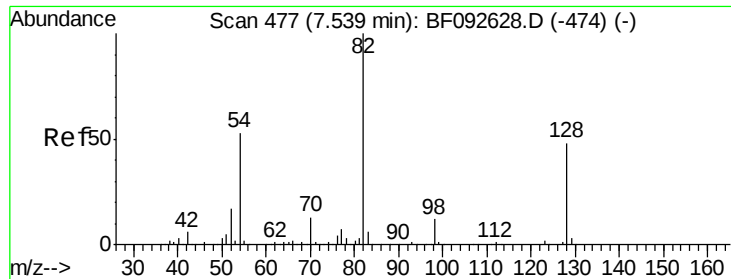
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

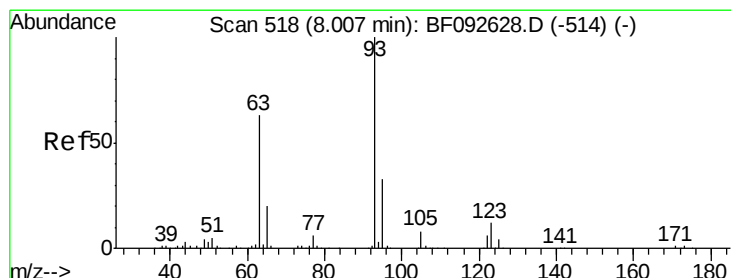
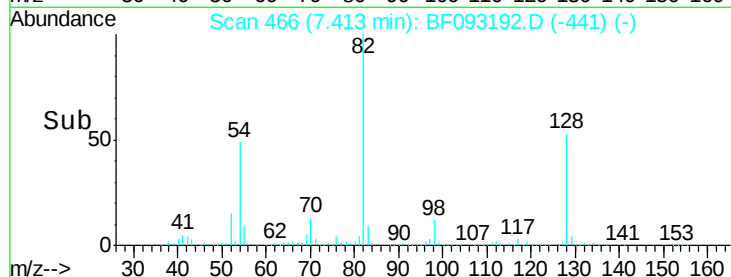
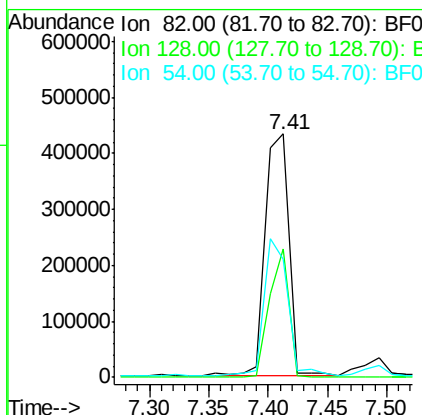
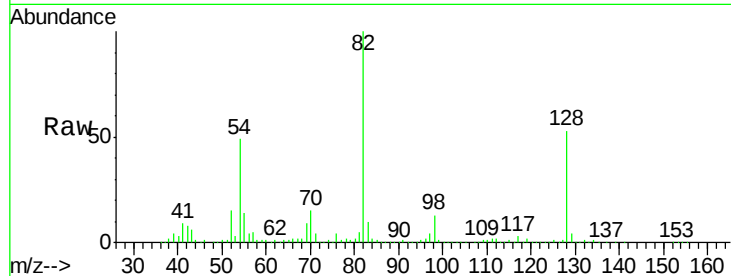




#23
 Nitrobenzene-d5
 Concen: 74.90 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093192.D
 Acq: 25 Feb 2017 14:57

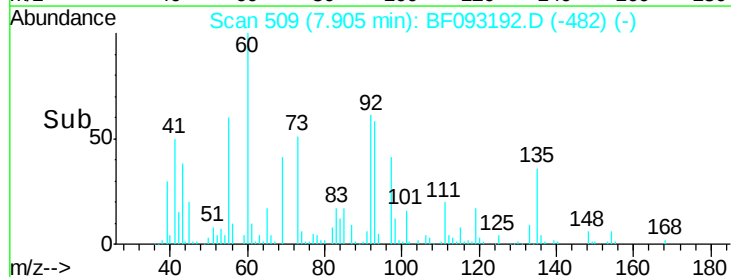
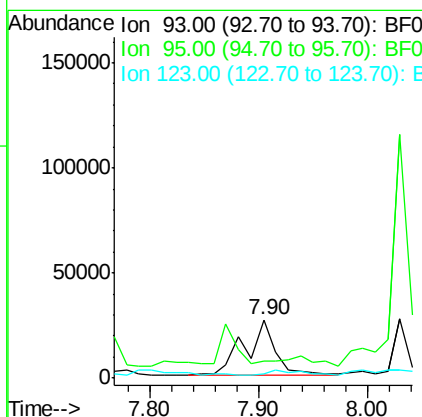
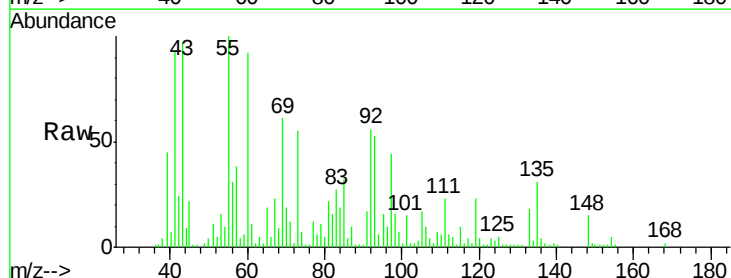
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z6-BASE

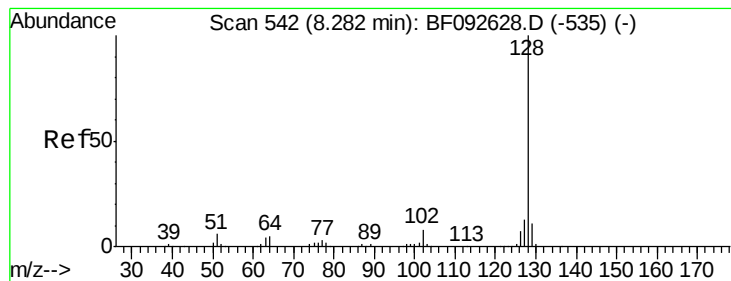
Tgt Ion: 82 Resp: 609588
 Ion Ratio Lower Upper
 82 100
 128 52.9 34.6 52.0#
 54 48.8 39.5 59.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 5.44 ng
 RT: 7.90 min Scan# 509
 Delta R.T. 0.01 min
 Lab File: BF093192.D
 Acq: 25 Feb 2017 14:57

Tgt Ion: 93 Resp: 54618
 Ion Ratio Lower Upper
 93 100
 95 30.1 26.5 39.7
 123 8.3 8.6 13.0#





#31

Naphthalene

Concen: 36.10 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

Instrument :

BNA_F

ClientSampleId :

E2-Z6-BASE

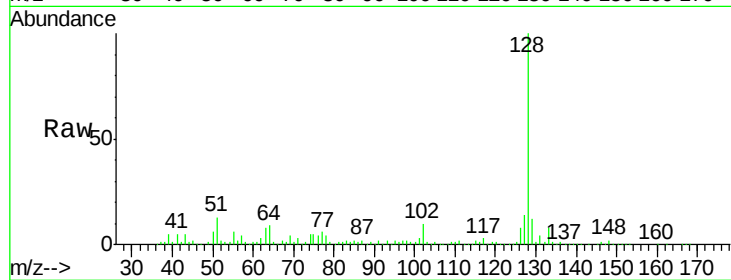
Tgt Ion:128 Resp: 829347

Ion Ratio Lower Upper

128 100

129 12.3 9.5 14.3

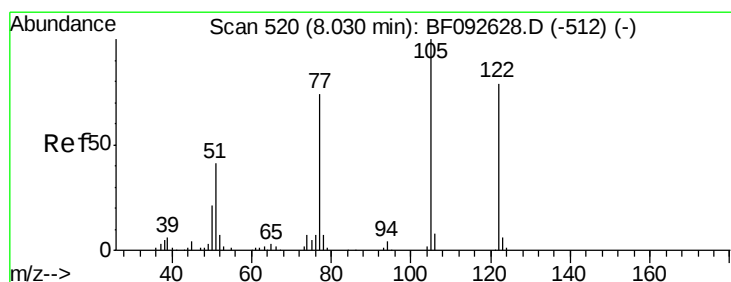
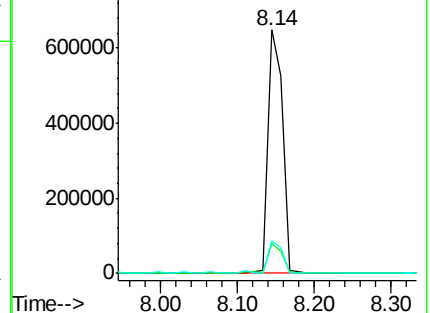
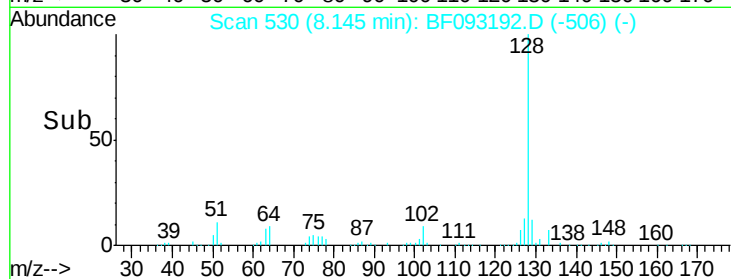
127 13.6 10.8 16.2



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



#32

Benzoic acid

Concen: 7.74 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

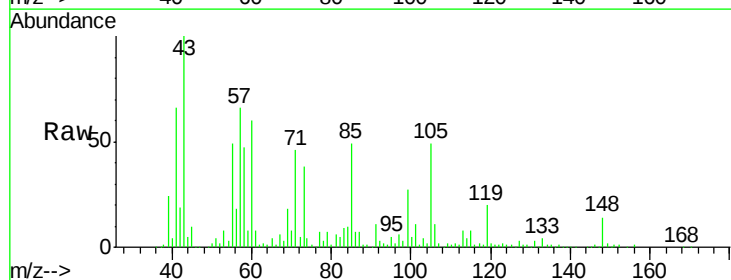
Tgt Ion:122 Resp: 2657

Ion Ratio Lower Upper

122 100

105 5366.5 107.2 147.2#

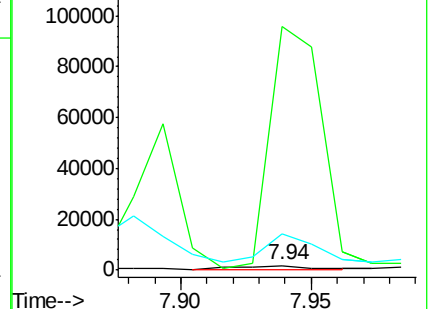
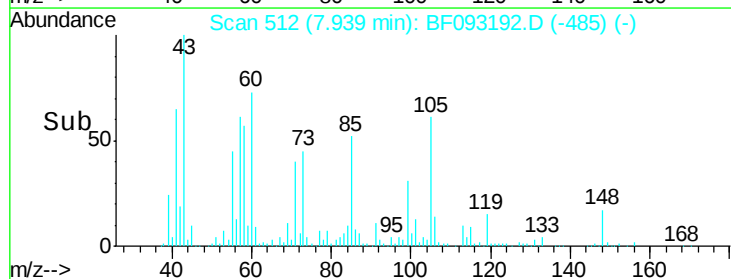
77 794.7 74.5 114.5#

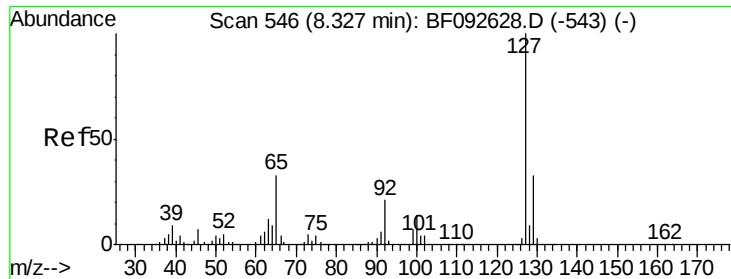


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

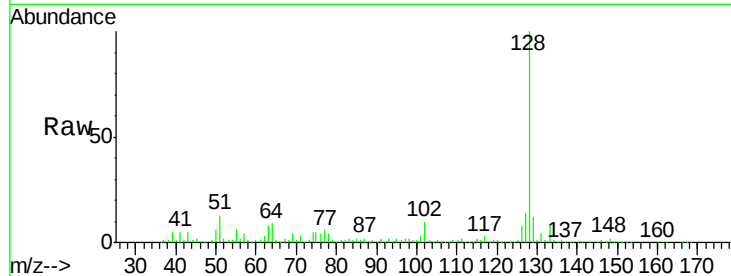




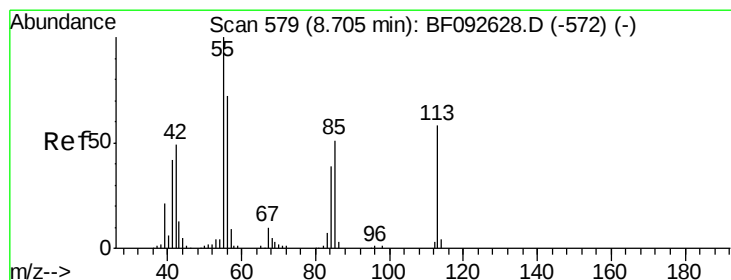
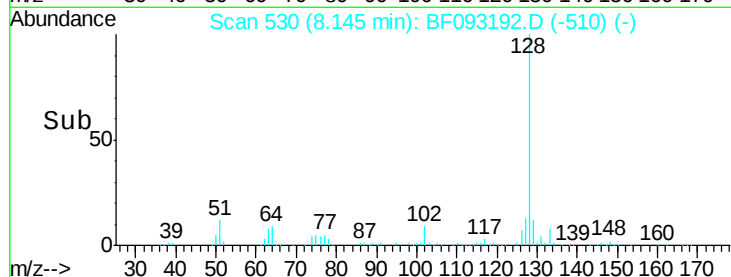
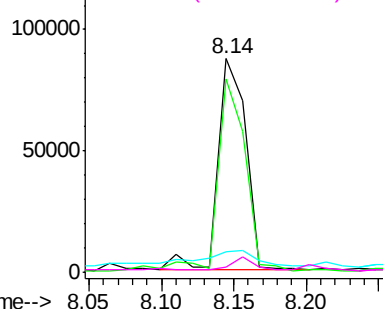
#33
4-Chloroaniline
Concen: 12.64 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.07 min
Lab File: BF093192.D
Acq: 25 Feb 2017 14:57

Instrument :
BNA_F
ClientSampleId :
E2-Z6-BASE

Tgt Ion:	127	Resp:	113852
Ion	Ratio	Lower	Upper
127	100		
129	90.5	26.3	39.5#
65	9.6	25.8	38.8#
92	2.6	16.1	24.1#

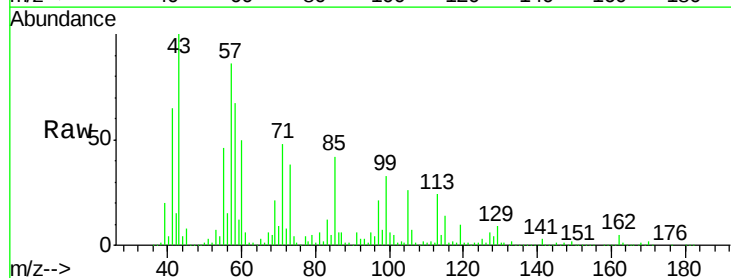


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

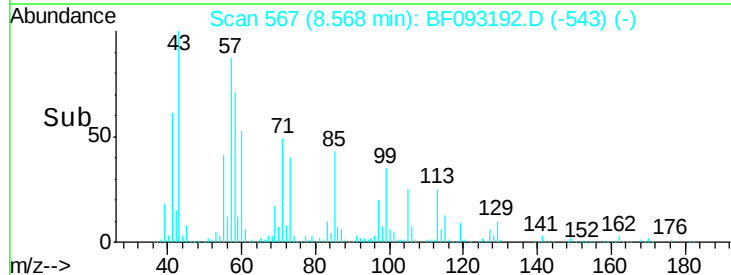
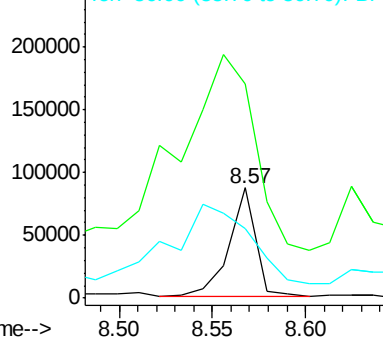


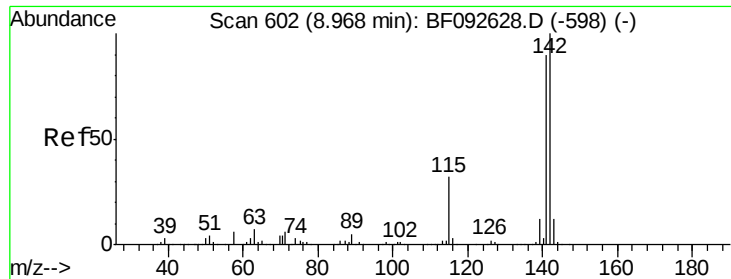
#35
Caprolactam
Concen: 40.97 ng
RT: 8.57 min Scan# 567
Delta R.T. -0.02 min
Lab File: BF093192.D
Acq: 25 Feb 2017 14:57

Tgt Ion:	113	Resp:	83845
Ion	Ratio	Lower	Upper
113	100		
55	194.5	119.2	159.2#
56	63.7	83.8	123.8#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

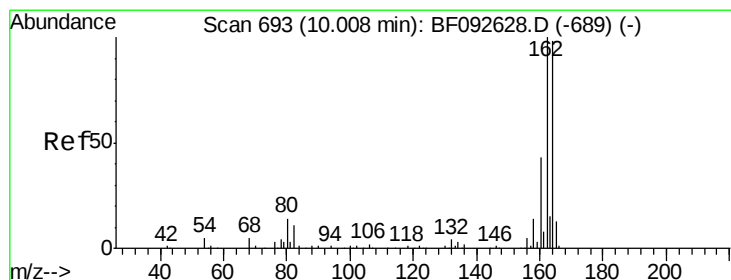
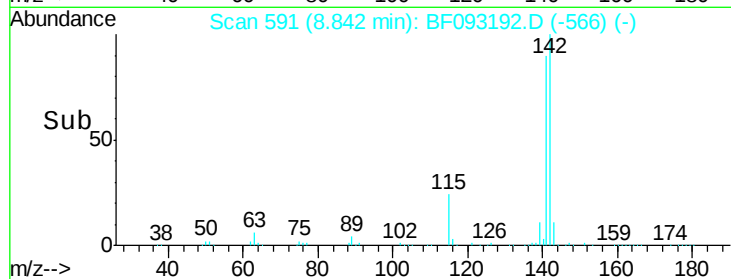
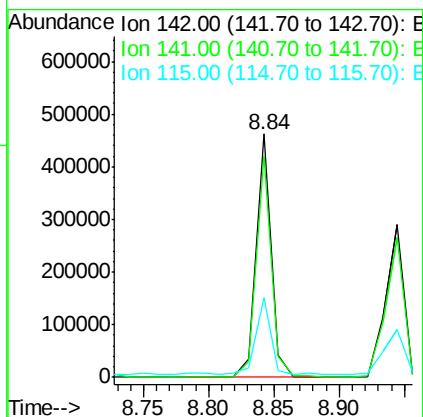
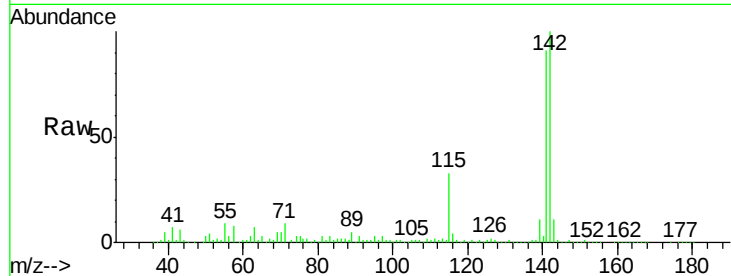




#37
 2-Methylnaphthalene
 Concen: 25.11 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF093192.D
 Acq: 25 Feb 2017 14:57

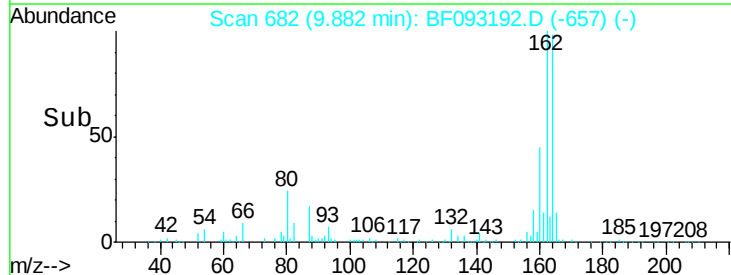
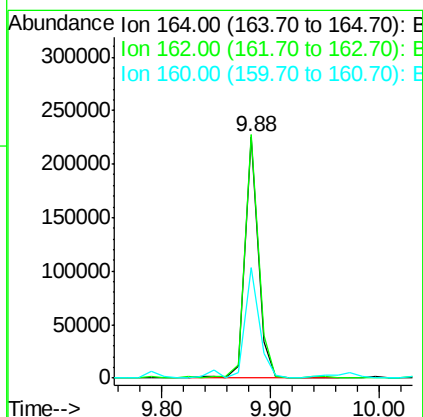
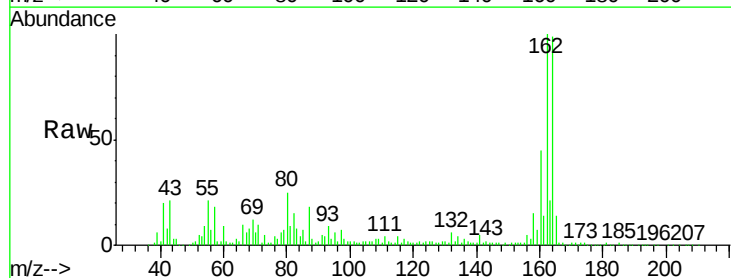
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z6-BASE

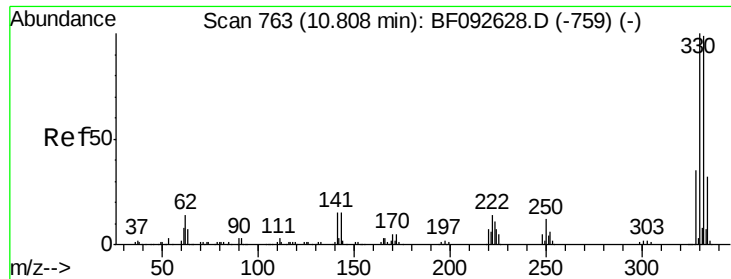
Tgt Ion:142 Resp: 370450
 Ion Ratio Lower Upper
 142 100
 141 90.9 71.0 106.6
 115 33.0 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093192.D
 Acq: 25 Feb 2017 14:57

Tgt Ion:164 Resp: 188185
 Ion Ratio Lower Upper
 164 100
 162 100.9 80.2 120.2
 160 45.8 36.9 55.3

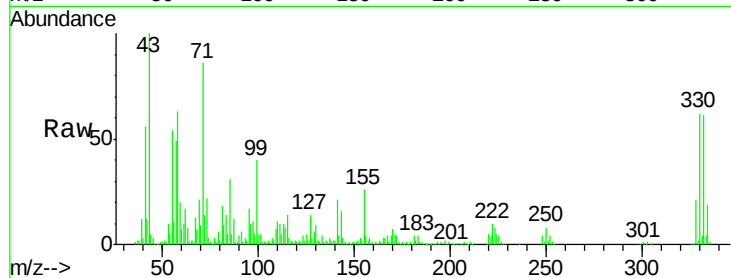




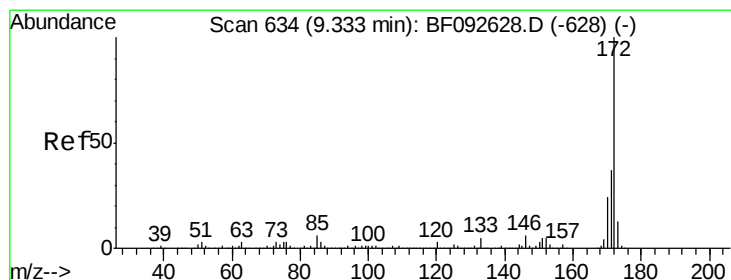
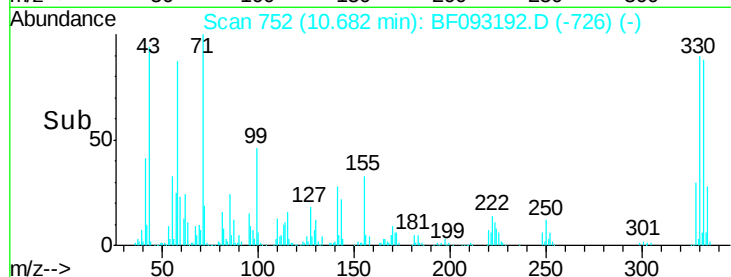
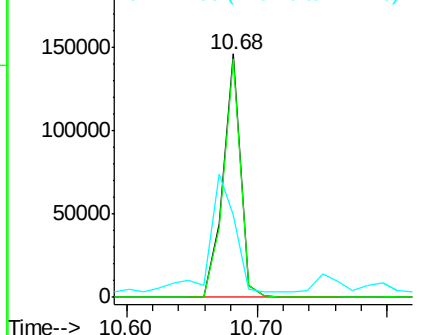
#41
 2,4,6-Tribromophenol
 Concen: 100.65 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093192.D
 Acq: 25 Feb 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z6-BASE

Tgt Ion:330 Resp: 136997
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 69.9 34.1 51.1#

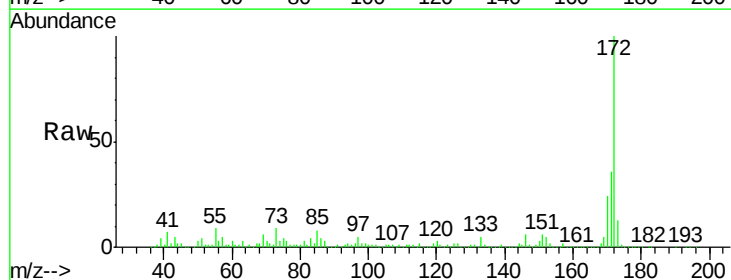


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

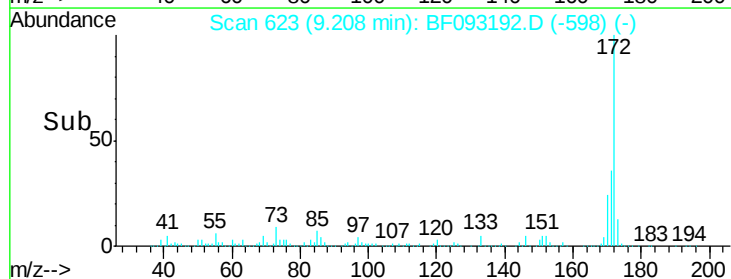
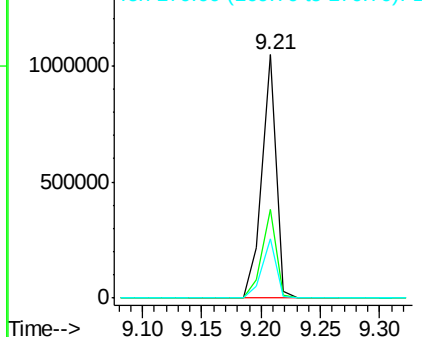


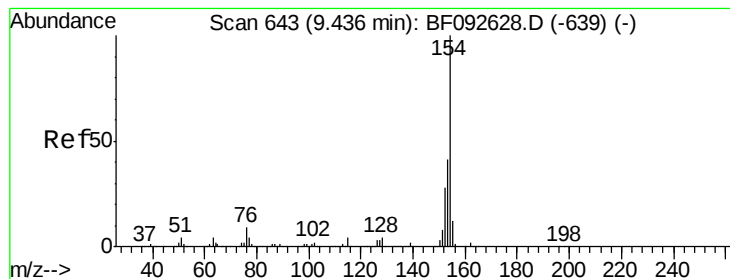
#44
 2-Fluorobiphenyl
 Concen: 85.77 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093192.D
 Acq: 25 Feb 2017 14:57

Tgt Ion:172 Resp: 890879
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.2 20.2 30.4



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: 15.19 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

Instrument :

BNA_F

ClientSampled :

E2-Z6-BASE

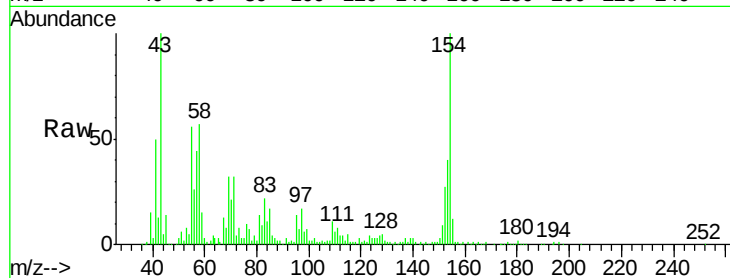
Tgt Ion:154 Resp: 206990

Ion Ratio Lower Upper

154 100

153 40.2 20.9 60.9

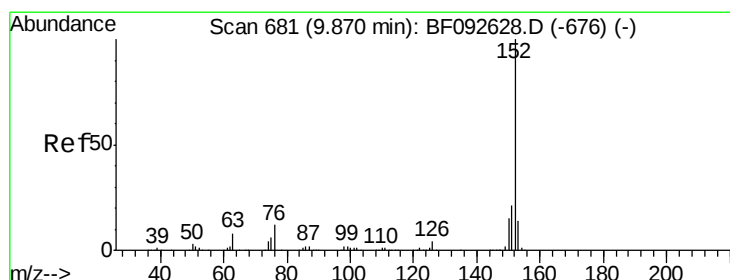
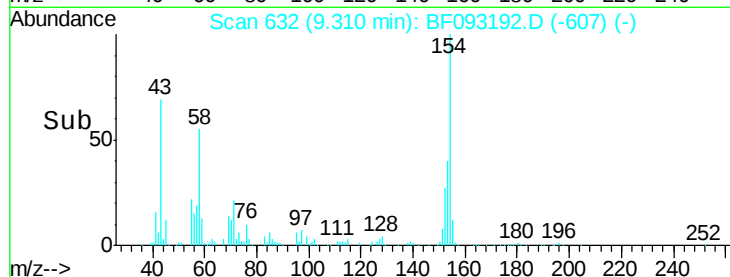
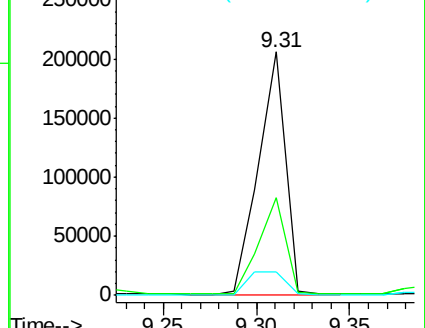
76 9.7 0.0 30.5



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



#48

Acenaphthylene

Concen: 2.10 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

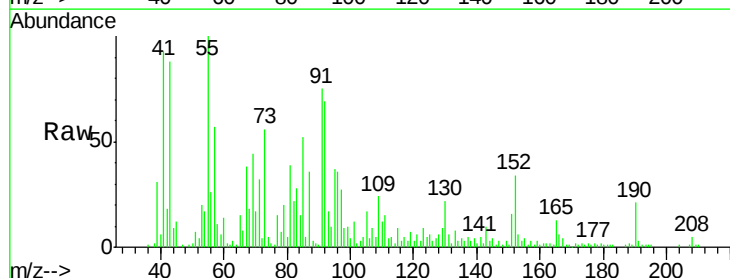
Tgt Ion:152 Resp: 38621

Ion Ratio Lower Upper

152 100

151 48.2 16.9 25.3#

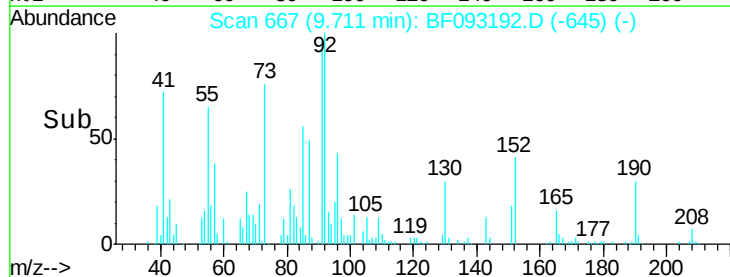
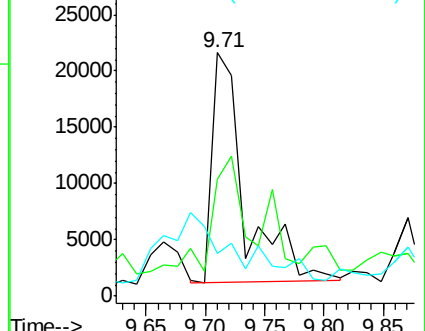
153 17.7 11.4 17.2#

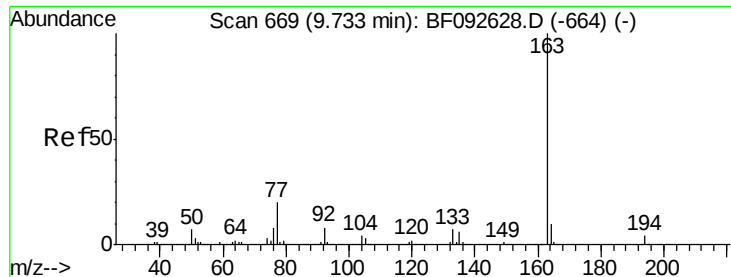


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 5.17 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

Instrument :

BNA_F

ClientSampleId :

E2-Z6-BASE

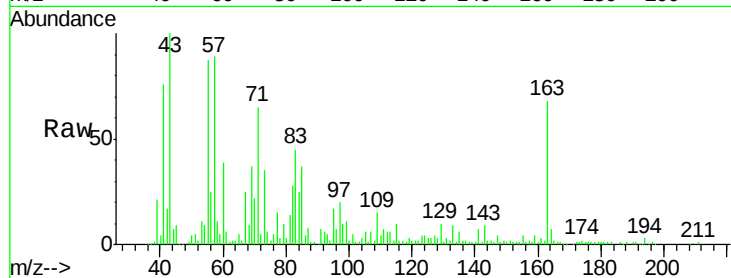
Tgt Ion:163 Resp: 65558

Ion Ratio Lower Upper

163 100

194 4.9 3.0 4.4#

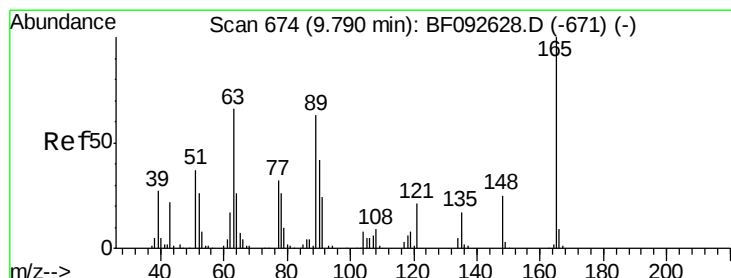
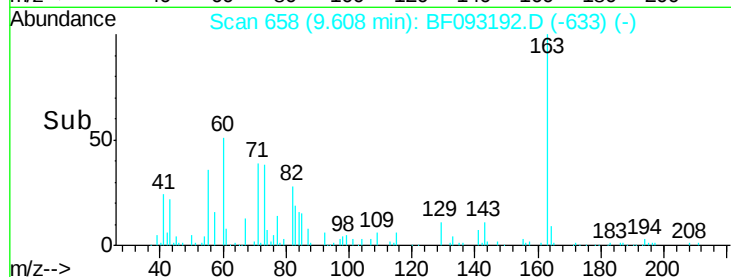
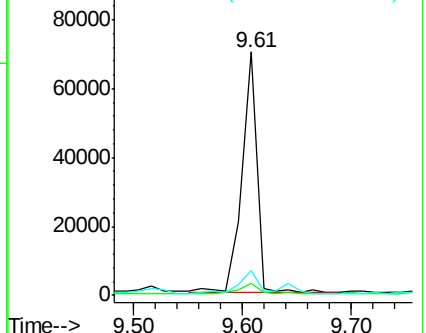
164 10.4 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 5.64 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.03 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

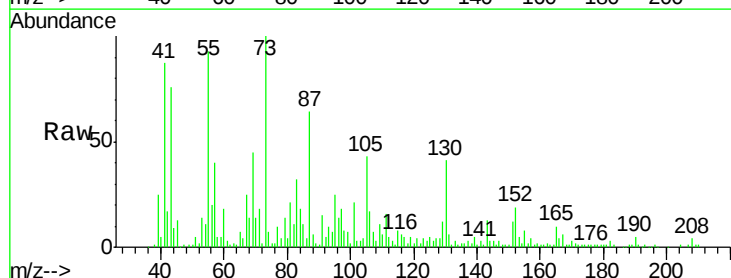
Tgt Ion:165 Resp: 15432

Ion Ratio Lower Upper

165 100

63 22.4 36.2 54.4#

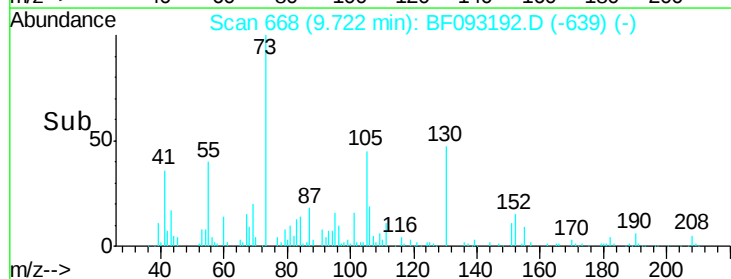
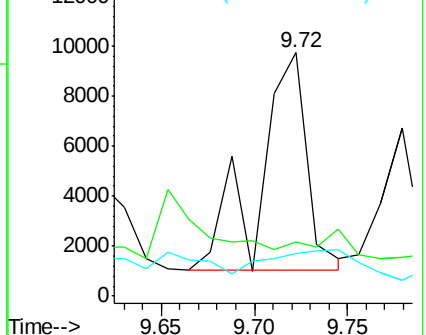
89 17.6 40.2 60.4#

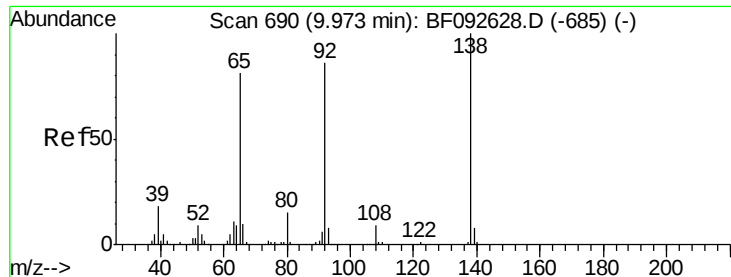


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

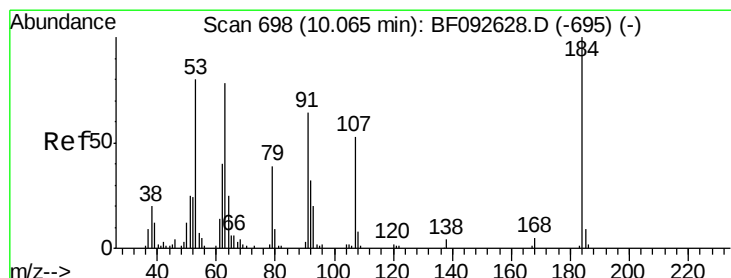
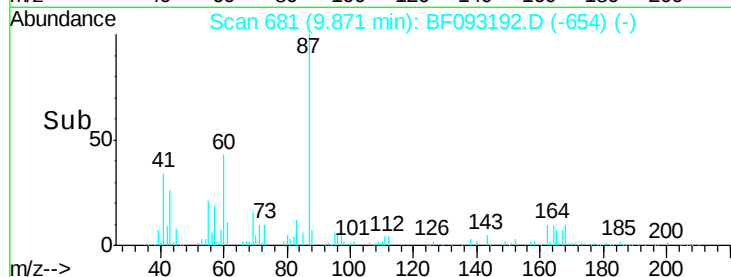
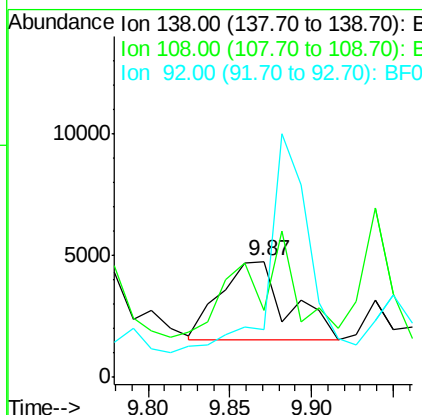
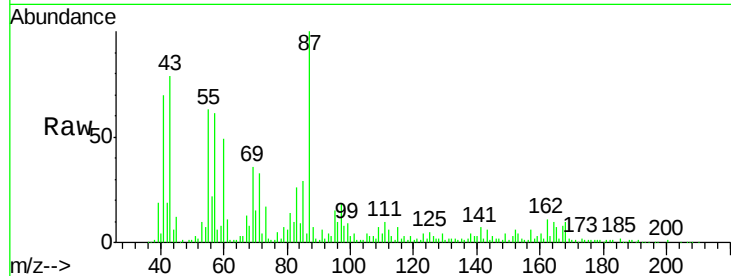




#52
 3-Nitroaniline
 Concen: 2.94 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.01 min
 Lab File: BF093192.D
 Acq: 25 Feb 2017 14:57

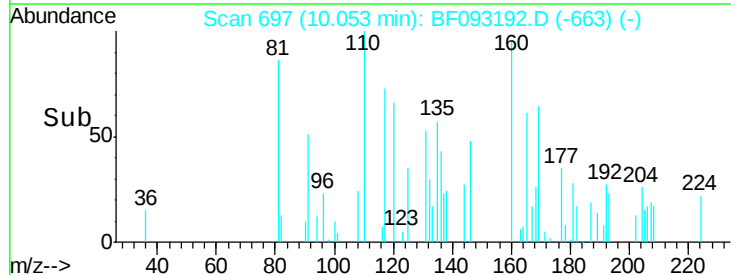
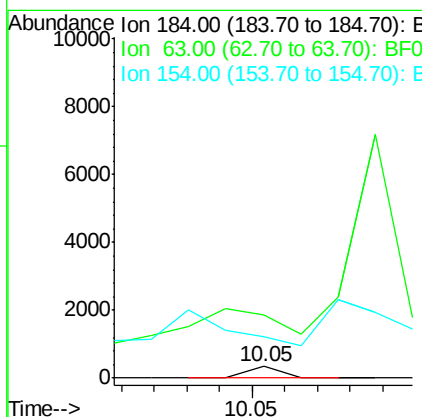
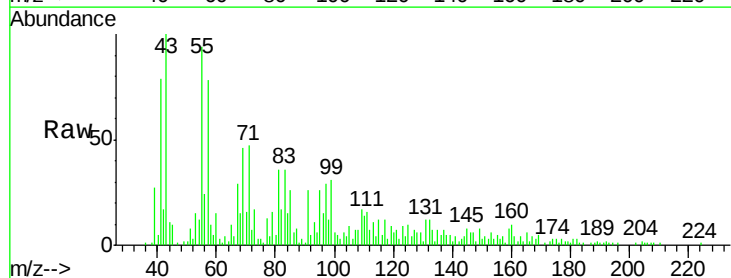
Instrument :
 BNA_F
 ClientSampled :
 E2-Z6-BASE

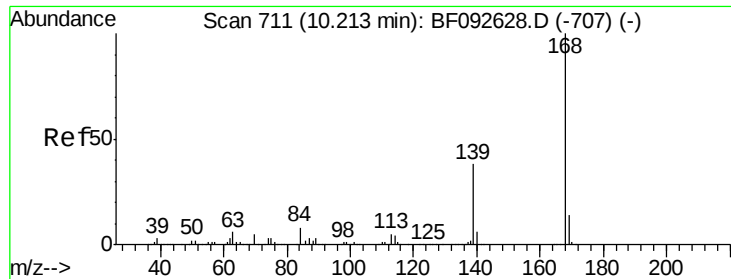
Tgt Ion:138 Resp: 9203
 Ion Ratio Lower Upper
 138 100
 108 58.2 8.5 12.7#
 92 41.1 97.8 146.8#



#53
 2,4-Dinitrophenol
 Concen: 4.90 ng
 RT: 10.05 min Scan# 697
 Delta R.T. 0.09 min
 Lab File: BF093192.D
 Acq: 25 Feb 2017 14:57

Tgt Ion:184 Resp: 238
 Ion Ratio Lower Upper
 184 100
 63 535.4 28.4 42.6#
 154 348.4 44.3 66.5#

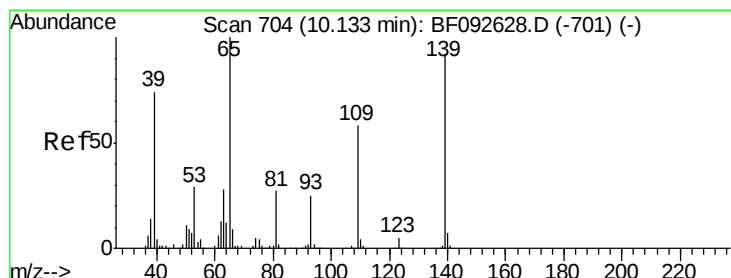
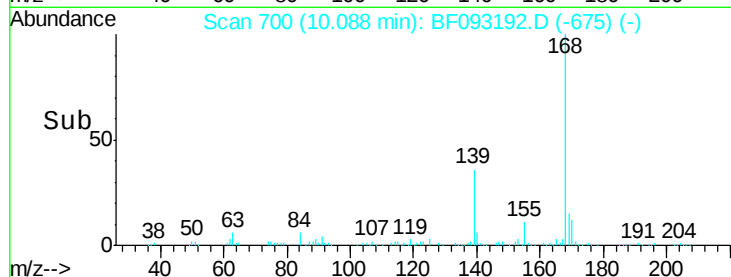
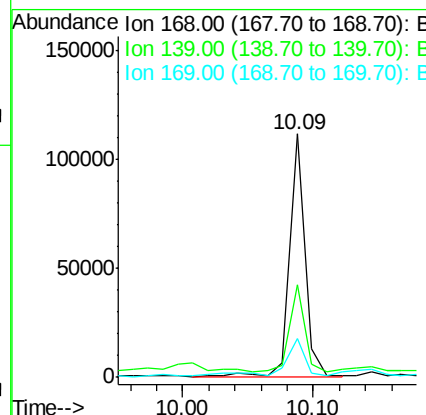
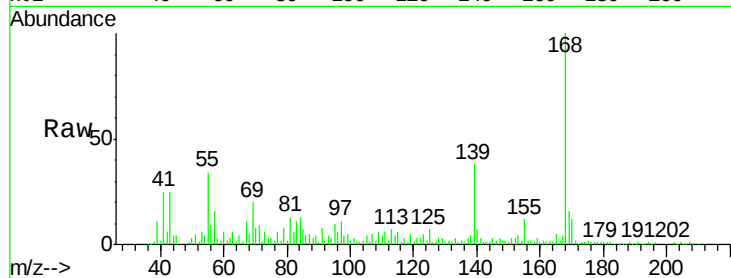




#54
Dibenzofuran
Concen: 6.24 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093192.D
Acq: 25 Feb 2017 14:57

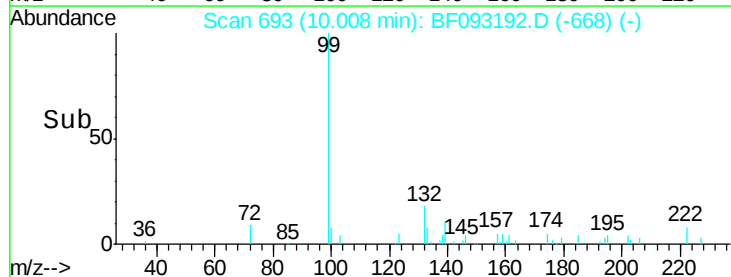
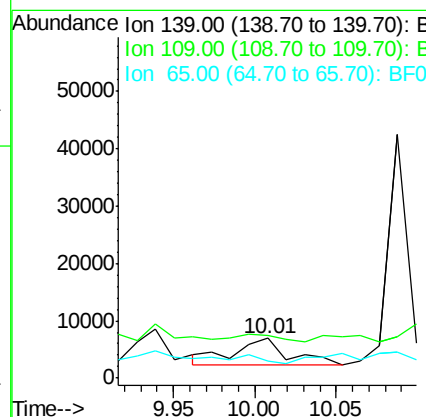
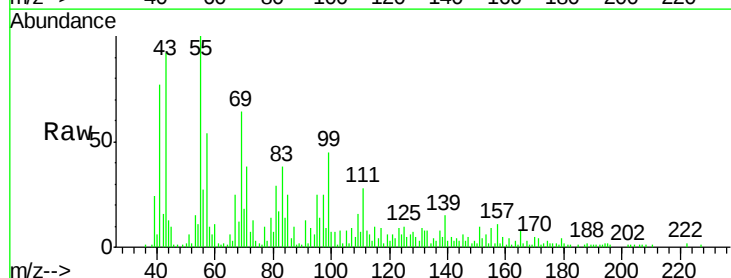
Instrument :
BNA_F
ClientSampleId :
E2-Z6-BASE

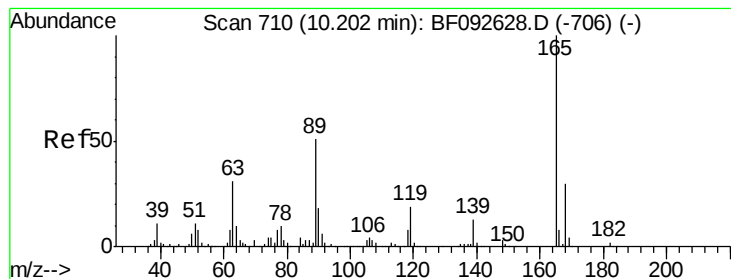
Tgt Ion:168 Resp: 91871
Ion Ratio Lower Upper
168 100
139 38.0 32.6 49.0
169 16.0 11.3 16.9



#55
4-Nitrophenol
Concen: 4.52 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF093192.D
Acq: 25 Feb 2017 14:57

Tgt Ion:139 Resp: 10203
Ion Ratio Lower Upper
139 100
109 106.7 52.2 92.2#
65 42.5 85.8 125.8#





#56

2,4-Dinitrotoluene

Concen: 2.21 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

Instrument :

BNA_F

ClientSampleId :

E2-Z6-BASE

Tgt Ion:165 Resp: 8053

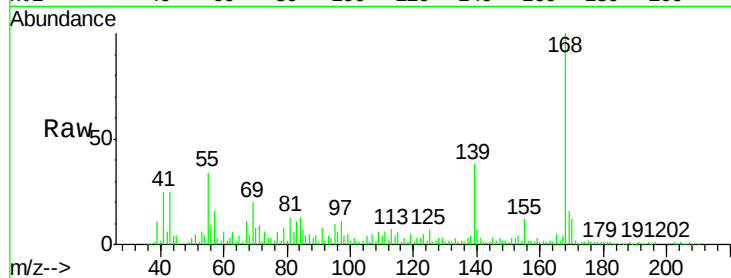
Ion Ratio Lower Upper

165 100

63 141.5 40.2 60.4#

89 77.3 62.5 93.7

182 15.4 1.8 2.8#

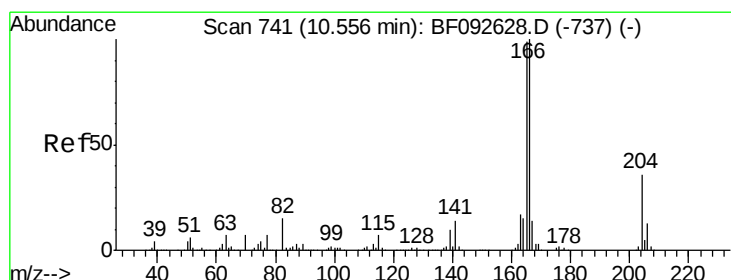
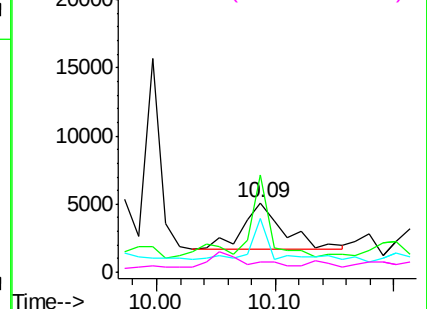
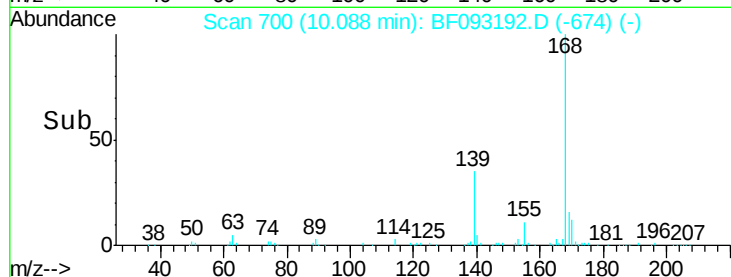


Abundance Ion 165.00 (164.70 to 165.70): E

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: 3.37 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

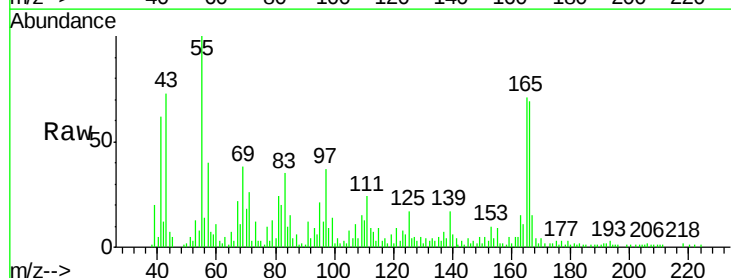
Tgt Ion:166 Resp: 38171

Ion Ratio Lower Upper

166 100

165 103.2 77.8 116.8

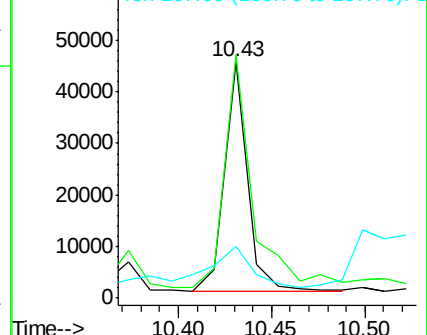
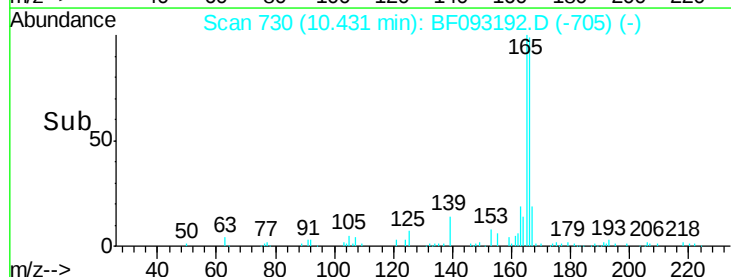
167 22.1 10.8 16.2#

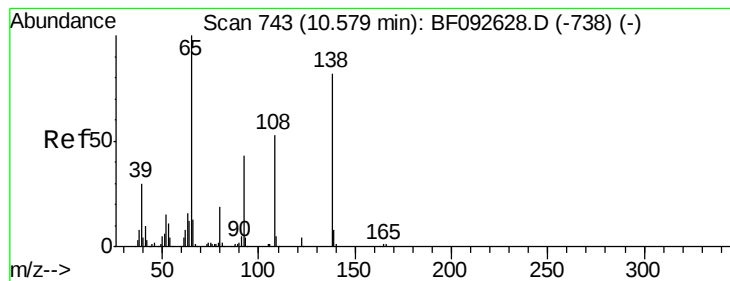


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#61

4-Nitroaniline

Concen: 2.54 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.21 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

Instrument :

BNA_F

ClientSampleId :

E2-Z6-BASE

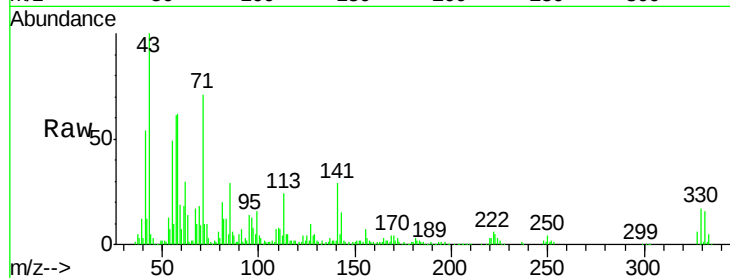
Tgt Ion:138 Resp: 8153

Ion Ratio Lower Upper

138 100

92 62.9 31.7 71.7

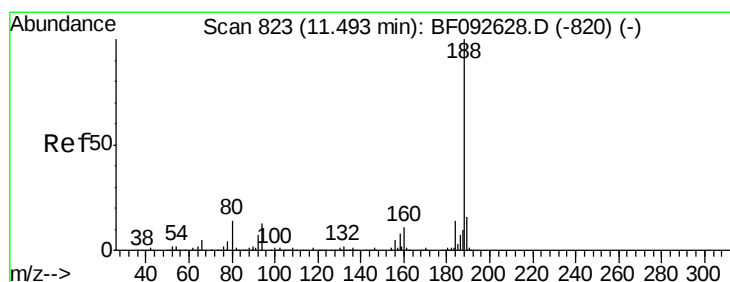
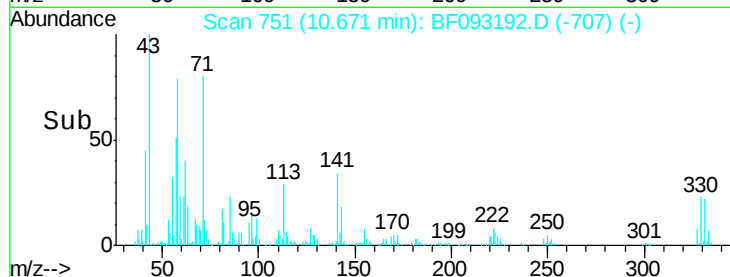
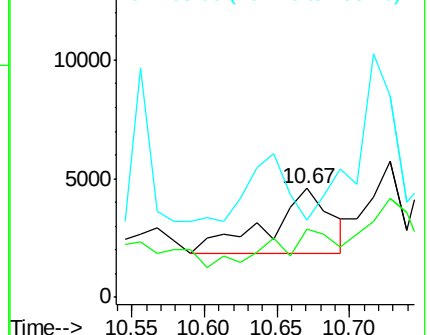
108 70.8 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

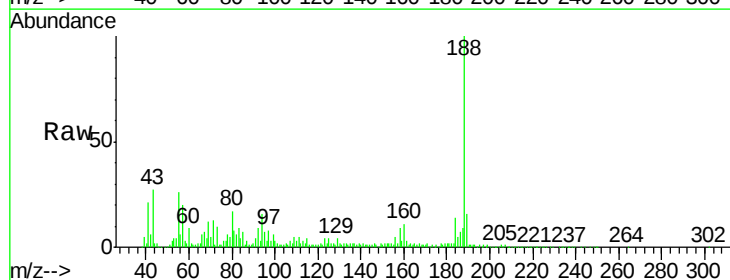
Tgt Ion:188 Resp: 303130

Ion Ratio Lower Upper

188 100

94 15.8 10.0 15.0#

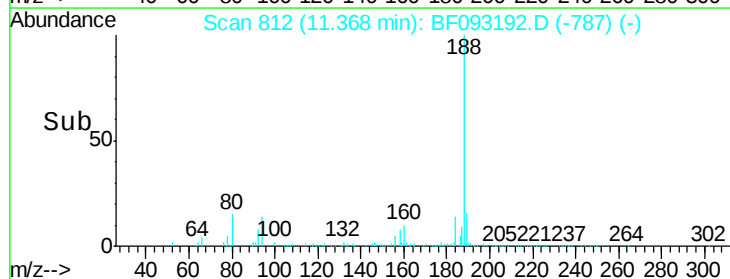
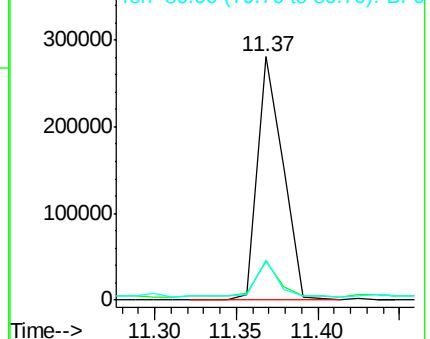
80 16.6 11.2 16.8

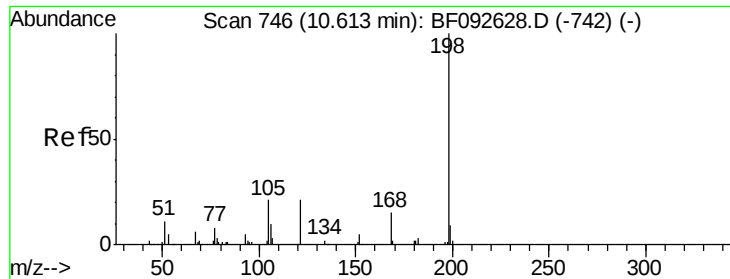


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

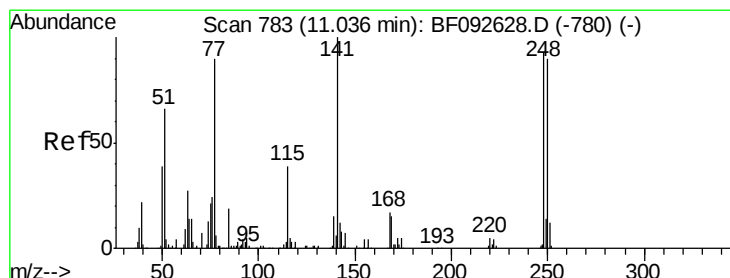
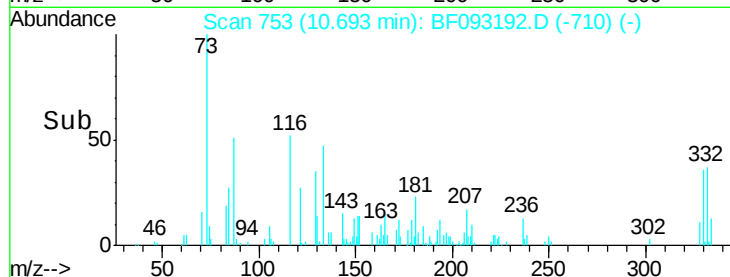
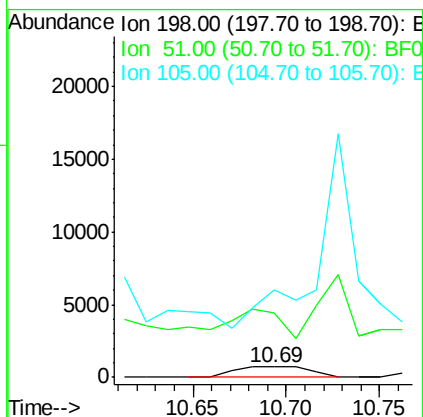
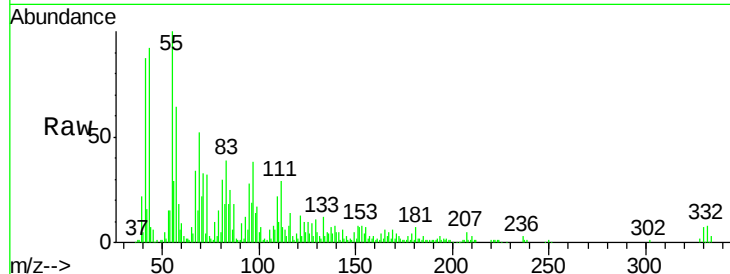




#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.70 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.19 min
 Lab File: BF093192.D
 Acq: 25 Feb 2017 14:57

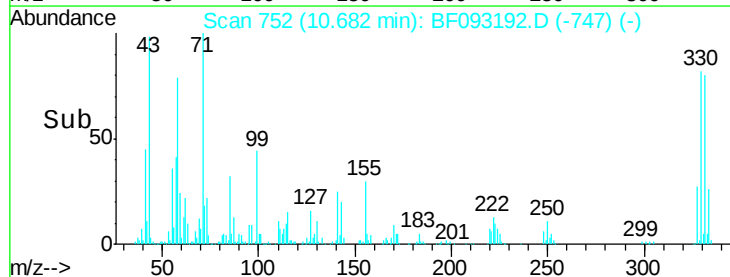
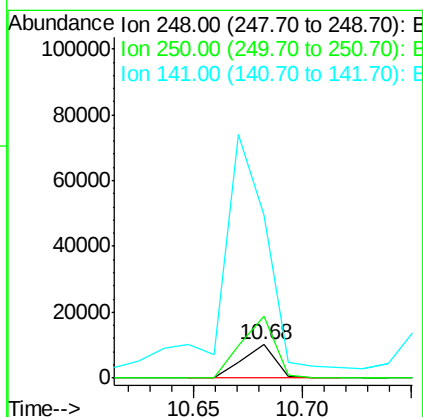
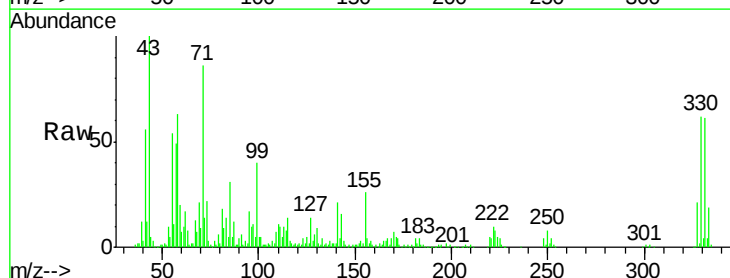
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z6-BASE

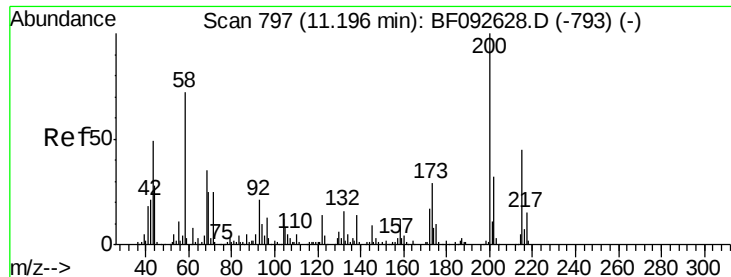
Tgt Ion:198 Resp: 2015
 Ion Ratio Lower Upper
 198 100
 51 611.2 6.7 46.7#
 105 823.3 16.6 56.6#



#66
 4-Bromophenyl-phenylether
 Concen: 3.31 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.24 min
 Lab File: BF093192.D
 Acq: 25 Feb 2017 14:57

Tgt Ion:248 Resp: 10485
 Ion Ratio Lower Upper
 248 100
 250 187.8 76.9 115.3#
 141 491.3 68.2 102.4#

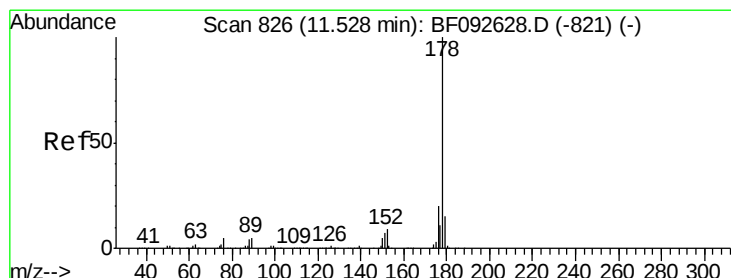
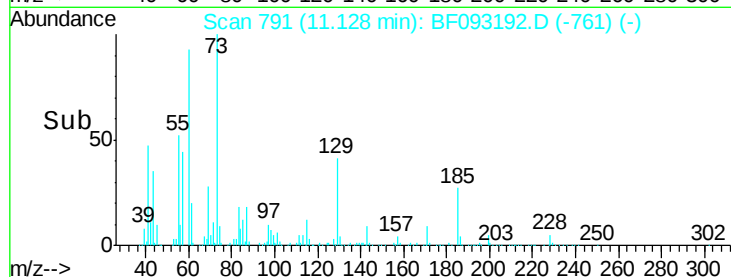
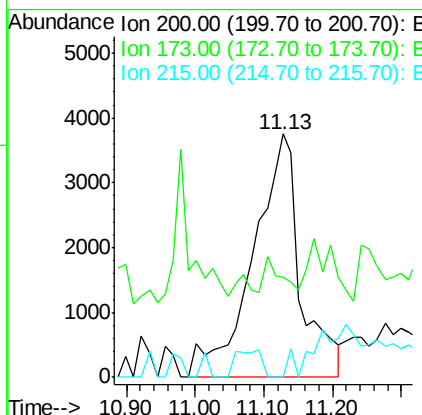
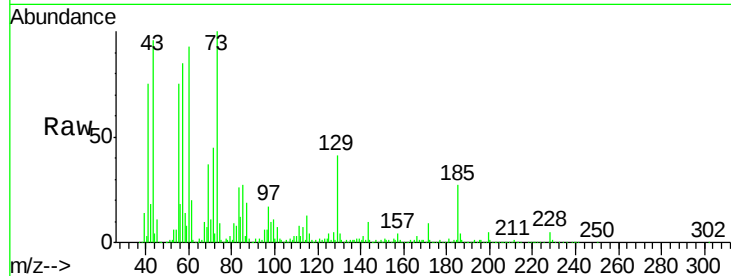




#68
 Atrazine
 Concen: 5.77 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.05 min
 Lab File: BF093192.D
 Acq: 25 Feb 2017 14:57

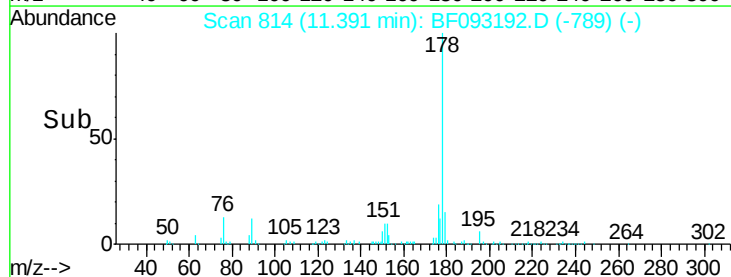
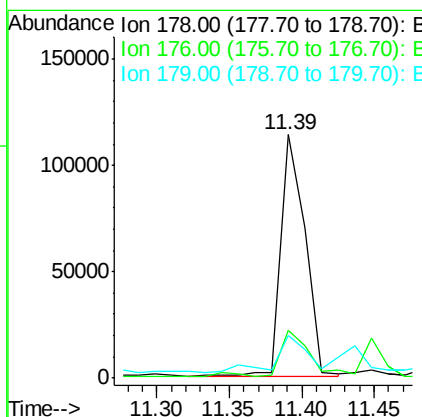
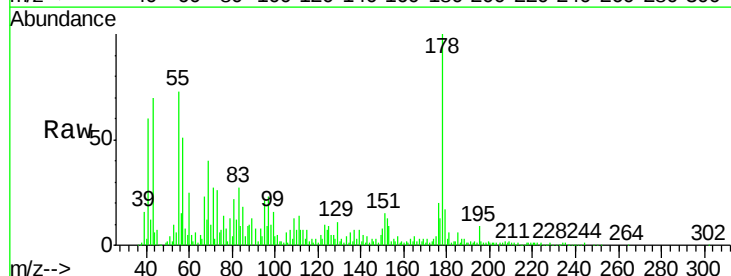
Instrument :
 BNA_F
 ClientSampleId :
 E2-Z6-BASE

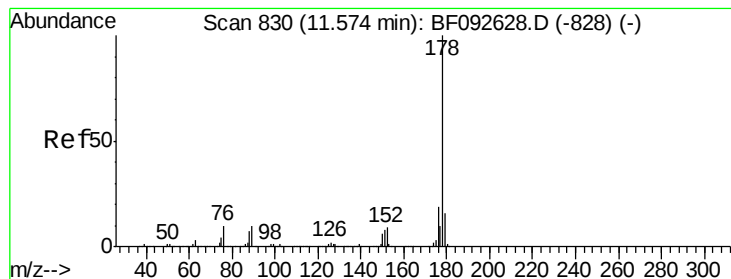
Tgt Ion:200 Resp: 17923
 Ion Ratio Lower Upper
 200 100
 173 41.4 9.6 49.6
 215 0.0 25.7 65.7#



#70
 Phenanthrene
 Concen: 7.48 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093192.D
 Acq: 25 Feb 2017 14:57

Tgt Ion:178 Resp: 129825
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.6 25.0
 179 17.4 12.8 19.2





#71

Anthracene

Concen: 7.44 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.07 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

Instrument :

BNA_F

ClientSampleId :

E2-Z6-BASE

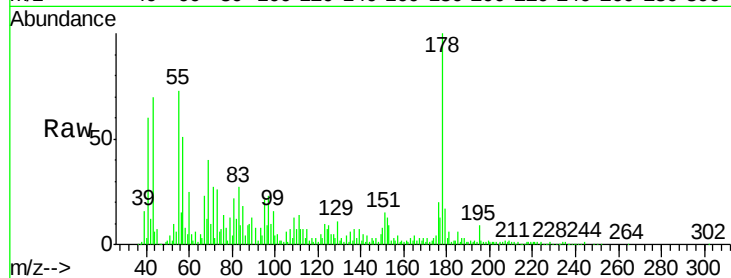
Tgt Ion:178 Resp: 129825

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

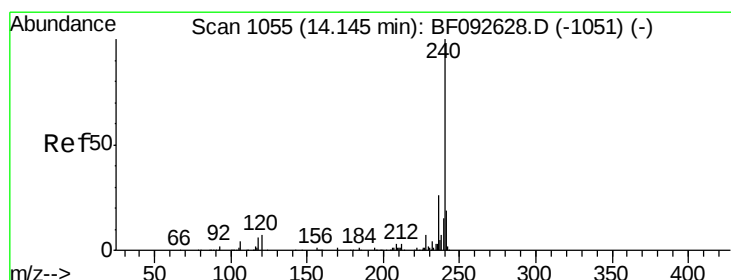
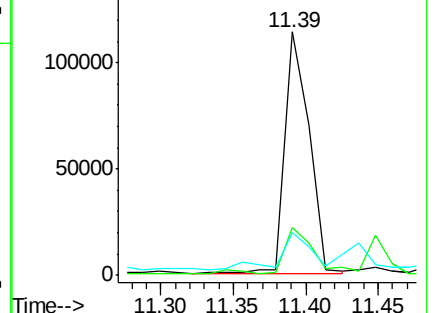
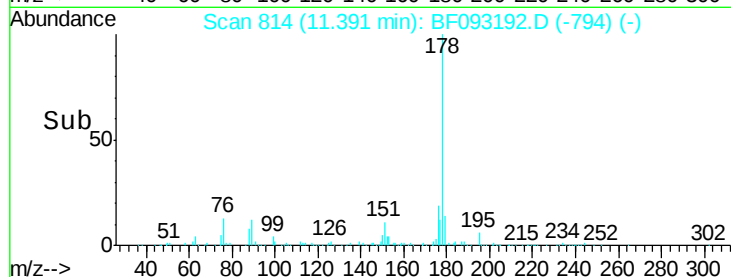
179 17.4 13.2 19.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.05 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

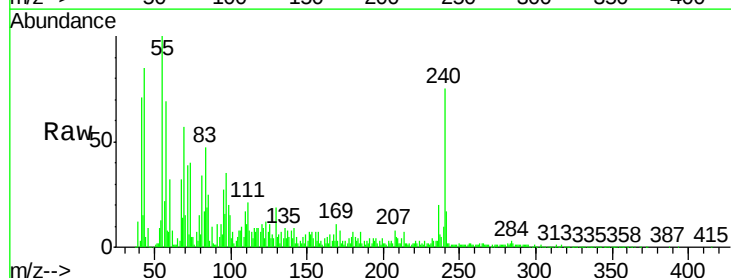
Tgt Ion:240 Resp: 248001

Ion Ratio Lower Upper

240 100

120 14.4 12.9 19.3

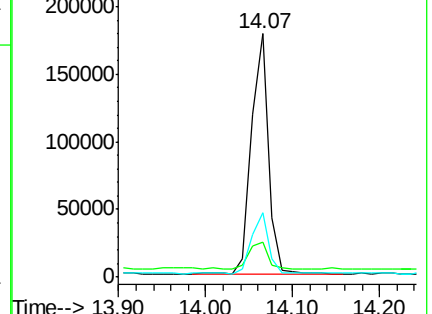
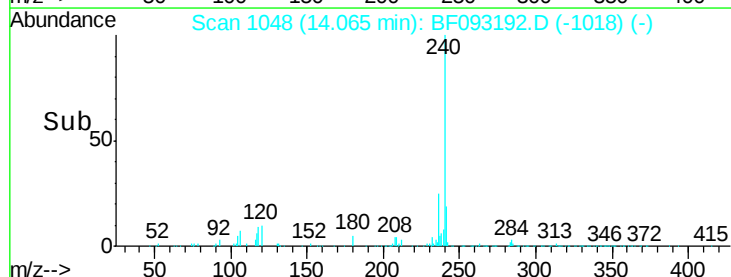
236 26.4 20.9 31.3

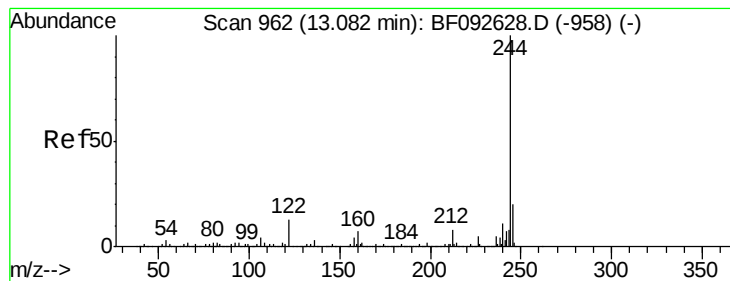


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 48.47 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

Instrument :

BNA_F

ClientSampleId :

E2-Z6-BASE

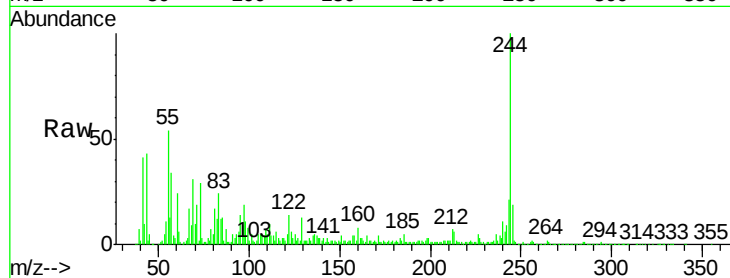
Tgt Ion:244 Resp: 511551

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

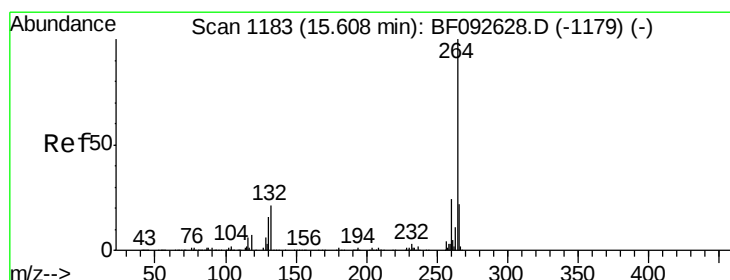
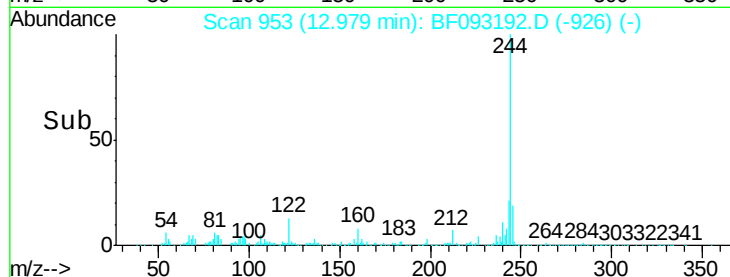
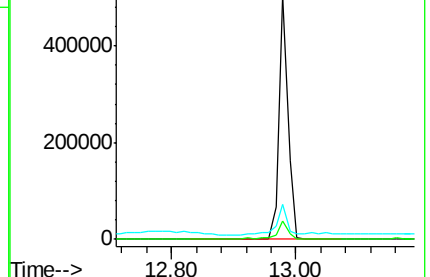
122 14.5 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 1173

Delta R.T. 0.05 min

Lab File: BF093192.D

Acq: 25 Feb 2017 14:57

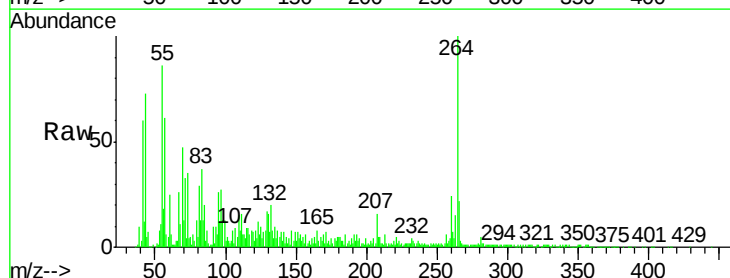
Tgt Ion:264 Resp: 189552

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.1 17.4 26.0



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

