

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
 Data File : BF092727.D
 Acq On : 2 Feb 2017 3:04
 Operator : SJ/MA
 Sample : I1615-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Quant Time: Feb 02 03:44:03 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	148757	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	494831	20.00	ng	-0.02
38) Acenaphthene-d10	10.01	164	232440	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	342122	20.00	ng	0.00
75) Chrysene-d12	14.12	240	300572	20.00	ng	-0.02
86) Perylene-d12	15.60	264	295311	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	1012697	116.79	ng	-0.01
7) Phenol-d6	6.59	99	1301537	116.66	ng	-0.01
23) Nitrobenzene-d5	7.52	82	796022	89.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	164671	97.95	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1057347	82.41	ng	-0.01
78) Terphenyl-d14	13.07	244	600534	46.95	ng	-0.01

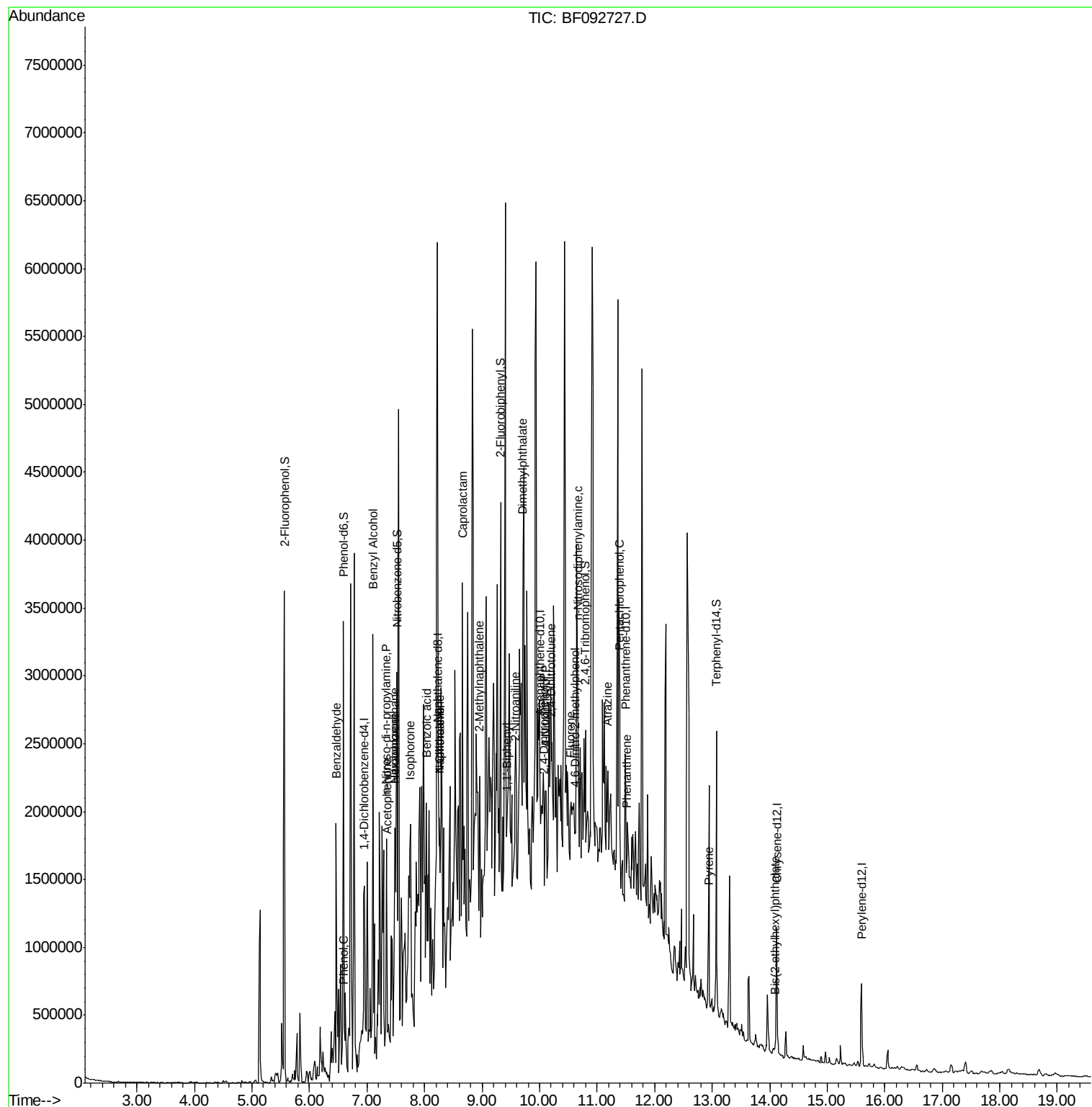
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.46	77	60649	7.59	ng	# 1
10) Phenol	6.60	94	86164	6.60	ng	# 65
15) Benzyl Alcohol	7.10	79	18304	2.22	ng	# 33
18) Hexachloroethane	7.48	117	120614	31.16	ng	# 1
19) n-Nitroso-di-n-propylamine	7.33	70	21809	3.07	ng	# 37
22) Acetophenone	7.34	105	208043	18.41	ng	# 54
24) Nitrobenzene	7.48	77	57477	6.30	ng	# 23
25) Isophorone	7.76	82	52071	3.14	ng	# 1
31) Naphthalene	8.26	128	170327	6.79	ng	# 70
32) Benzoic acid	8.03	122	5679	8.29	ng	# 1
33) 4-Chloroaniline	8.26	127	19919	2.02	ng	# 1
35) Caprolactam	8.66	113	52114	23.32	ng	# 1
37) 2-Methylnaphthalene	8.96	142	278418	17.29	ng	99
45) 1,1'-Biphenyl	9.42	154	63296	3.76	ng	96
47) 2-Nitroaniline	9.57	65	12349	2.79	ng	# 44
49) Dimethylphthalate	9.71	163	196242	12.53	ng	# 95
53) 2,4-Dinitrophenol	10.08	184	372	4.94	ng	# 1
55) 4-Nitrophenol	10.11	139	15004	5.38	ng	# 23
56) 2,4-Dinitrotoluene	10.20	165	11941	2.65	ng	# 55
57) Fluorene	10.54	166	32179	2.30	ng	# 64
64) 4,6-Dinitro-2-methylphenol	10.61	198	978	3.11	ng	# 1
65) n-Nitrosodiphenylamine	10.66	169	69099	6.32	ng	# 54
68) Atrazine	11.18	200	36521	10.41	ng	# 75
69) Pentachlorophenol	11.39	266	304	7.35	ng	# 46
70) Phenanthrene	11.52	178	70165	3.58	ng	# 93
77) Pyrene	12.93	202	48576	2.16	ng	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	29012	2.32	ng	# 96

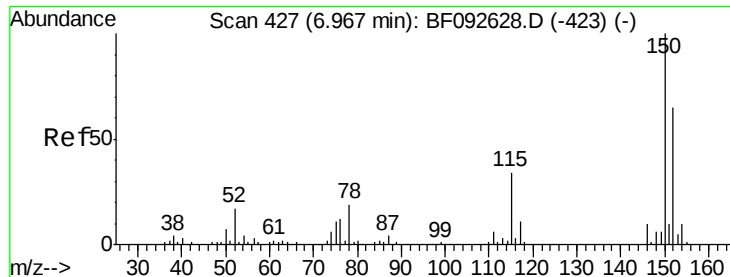
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampleId :

SS-1

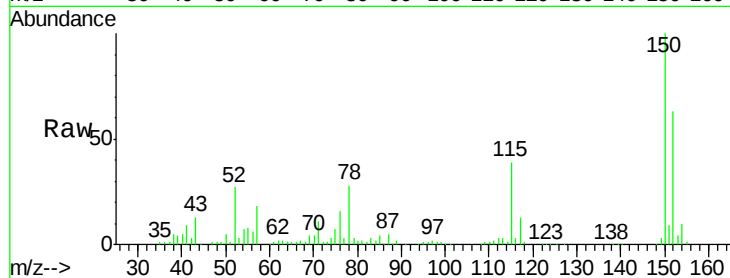
Tgt Ion:152 Resp: 148757

Ion Ratio Lower Upper

152 100

150 159.7 124.9 187.3

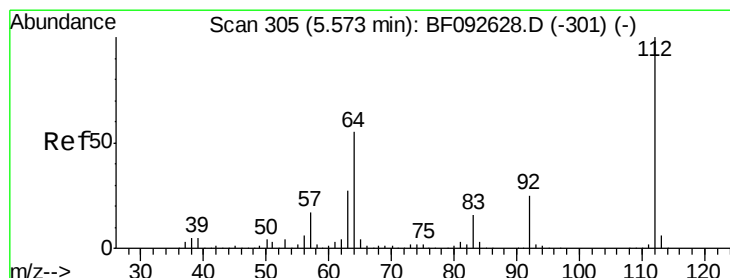
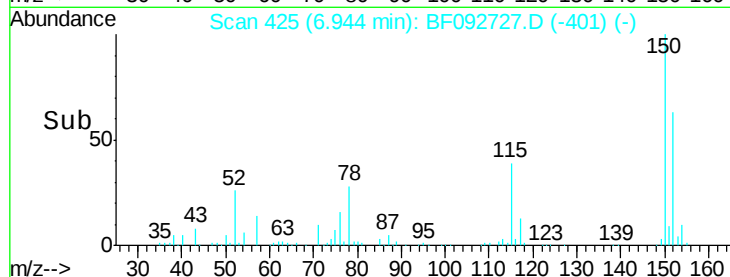
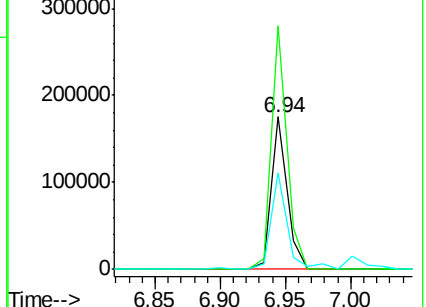
115 63.0 46.0 69.0



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: 116.79 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

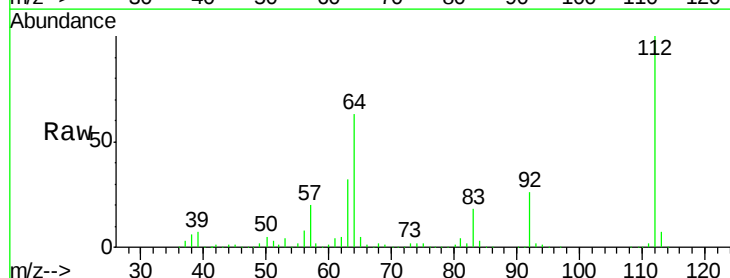
Tgt Ion:112 Resp: 1012697

Ion Ratio Lower Upper

112 100

64 63.0 46.1 69.1

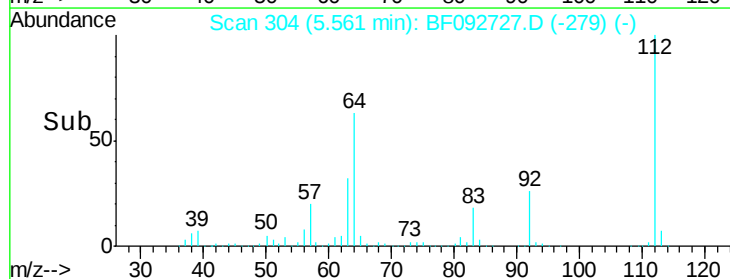
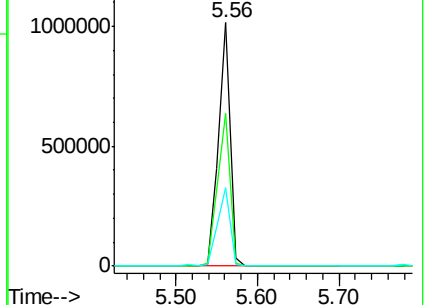
63 32.0 23.8 35.6

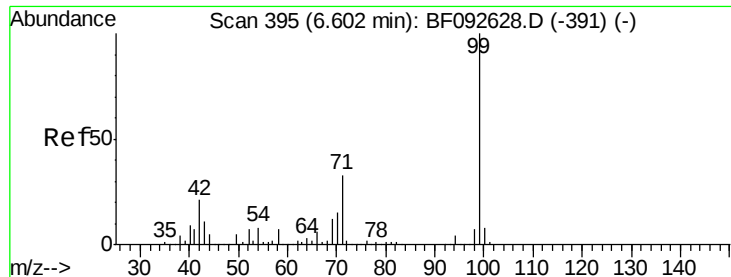


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.66 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampled :

SS-1

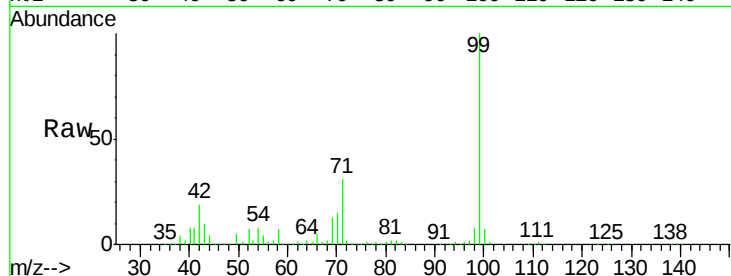
Tgt Ion: 99 Resp: 1301537

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

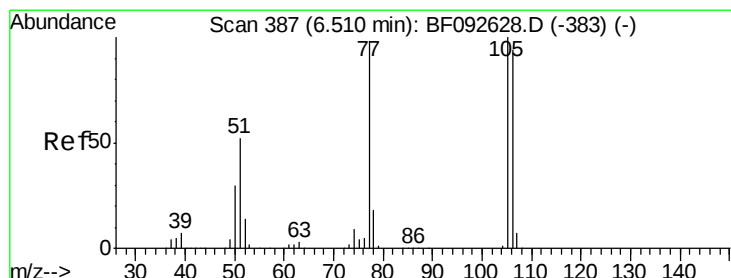
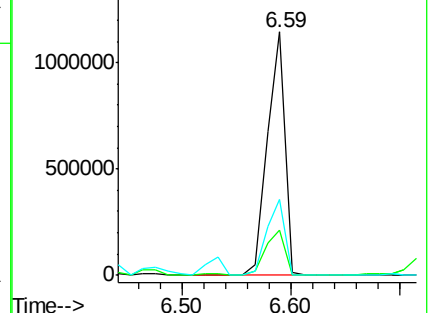
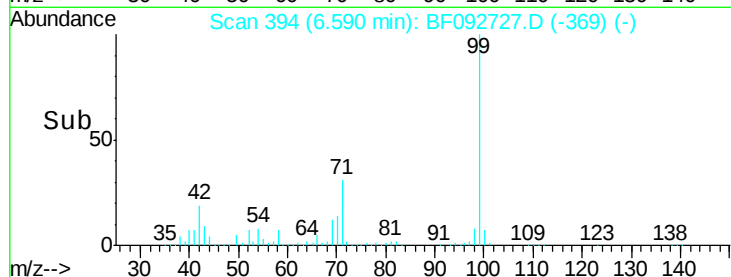
71 31.3 27.5 41.3



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: 7.59 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

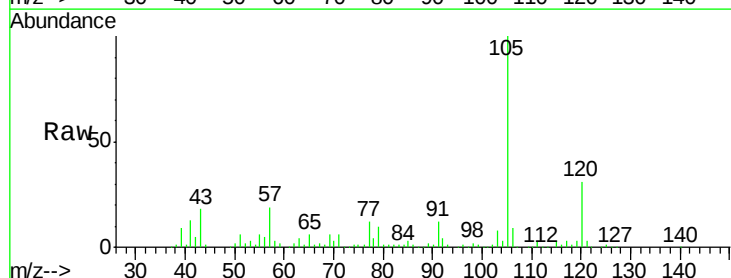
Tgt Ion: 77 Resp: 60649

Ion Ratio Lower Upper

77 100

105 804.3 83.9 123.9#

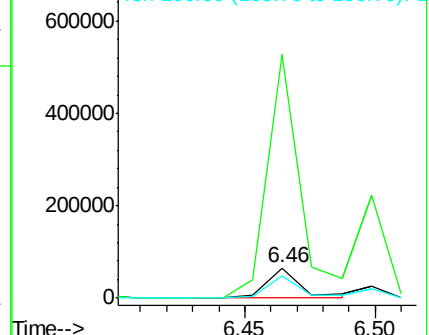
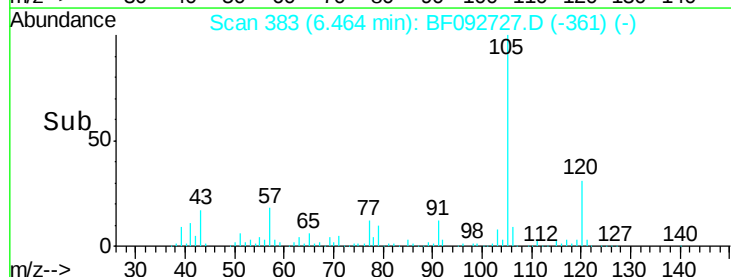
106 71.9 77.6 117.6#

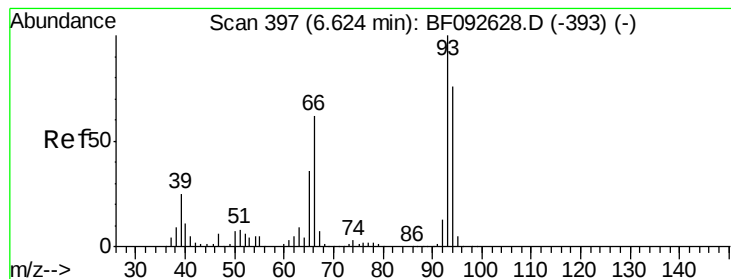


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 6.60 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampleId :

SS-1

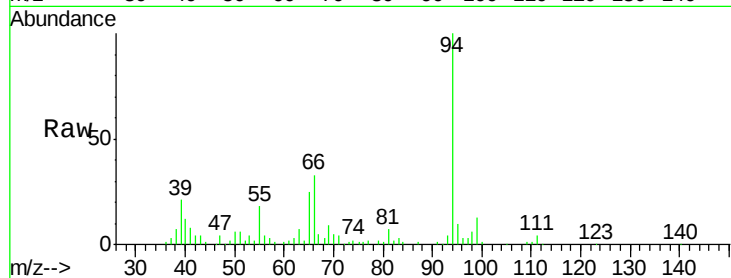
Tgt Ion: 94 Resp: 86164

Ion Ratio Lower Upper

94 100

65 24.8 21.4 61.4

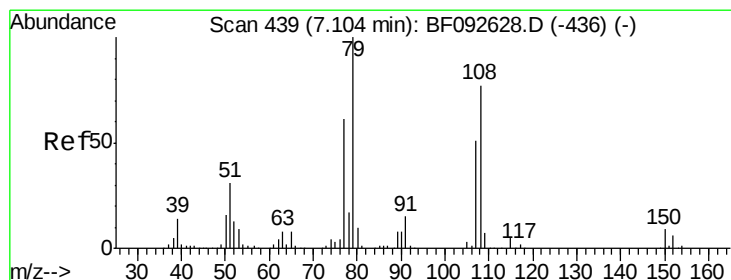
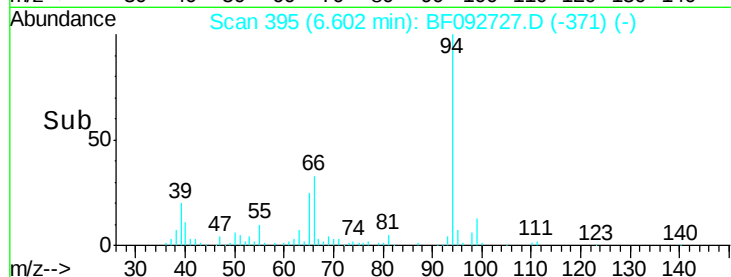
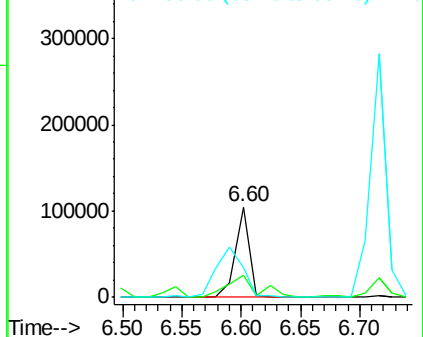
66 32.6 44.0 84.0#



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



#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

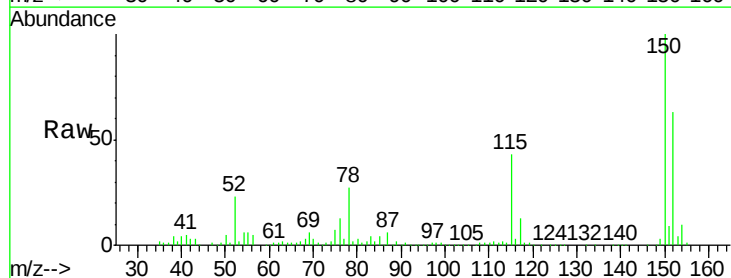
Tgt Ion: 79 Resp: 18304

Ion Ratio Lower Upper

79 100

108 30.1 61.4 92.0#

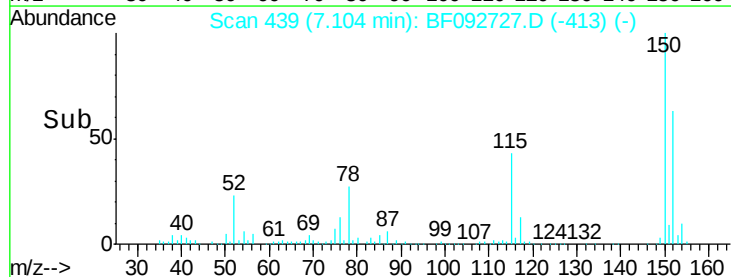
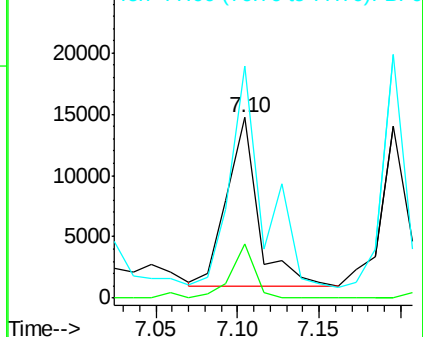
77 128.6 50.9 76.3#

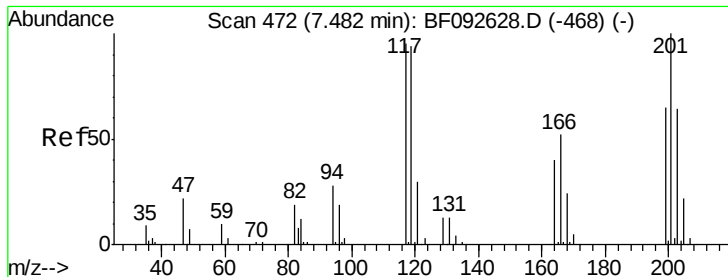


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

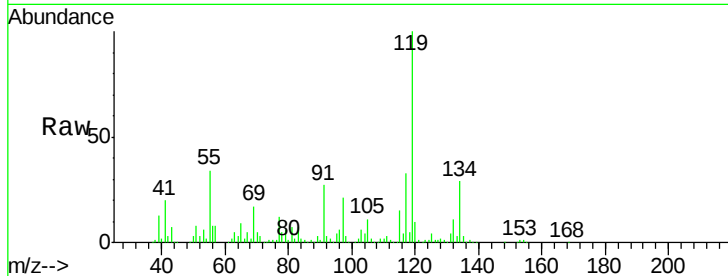




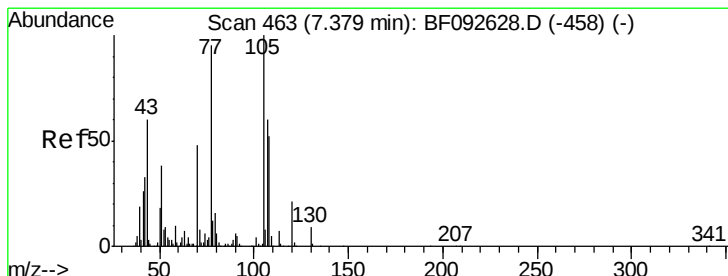
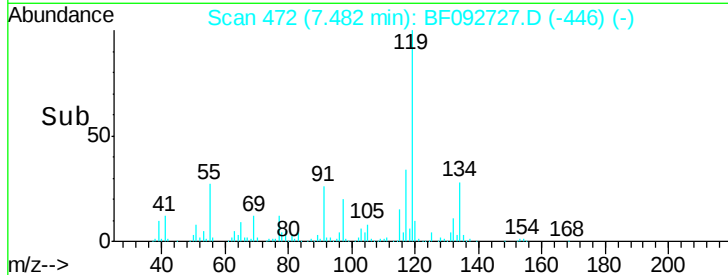
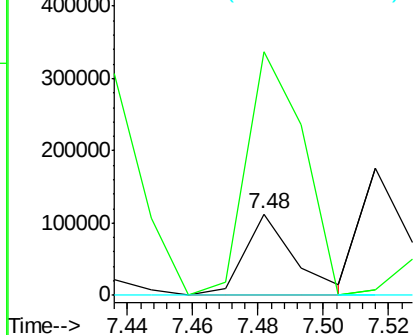
#18
Hexachloroethane
Concen: 31.16 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF092727.D
Acq: 2 Feb 2017 3:04

Instrument :
BNA_F
ClientSampleId :
SS-1

Tgt Ion: 117 Resp: 120614
Ion Ratio Lower Upper
117 100
119 299.9 78.1 117.1#
201 0.0 78.6 117.8#

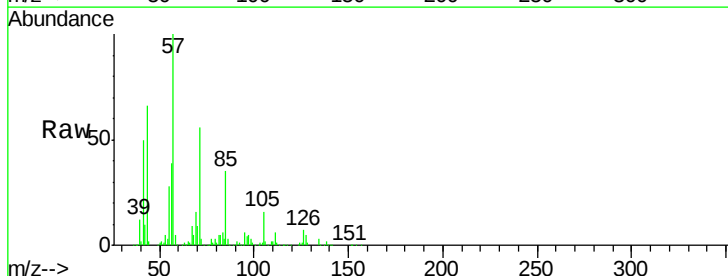


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

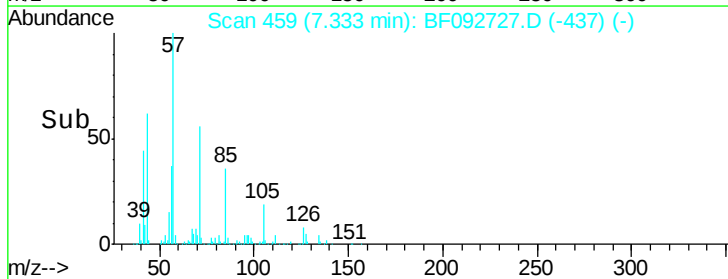
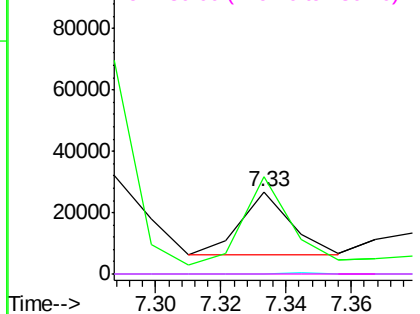


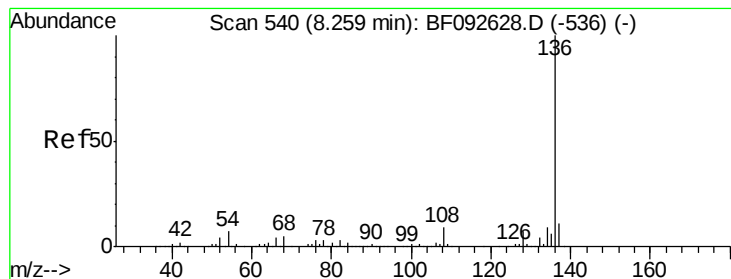
#19
n-Nitroso-di-n-propylamine
Concen: 3.07 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF092727.D
Acq: 2 Feb 2017 3:04

Tgt Ion: 70 Resp: 21809
Ion Ratio Lower Upper
70 100
42 119.2 49.4 74.0#
101 0.0 7.4 11.2#
130 0.0 14.2 21.4#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampleId :

SS-1

Tgt Ion:136 Resp: 494831

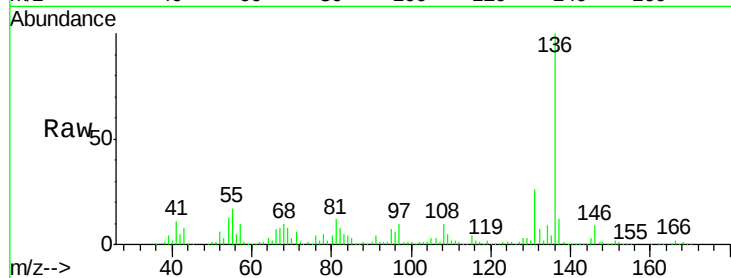
Ion Ratio Lower Upper

136 100

137 11.9 8.4 12.6

54 13.3 4.5 6.7#

68 9.8 3.6 5.4#

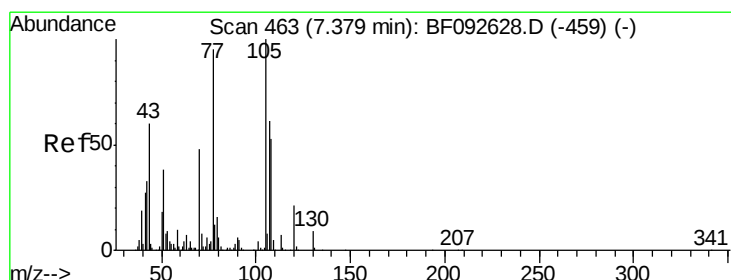
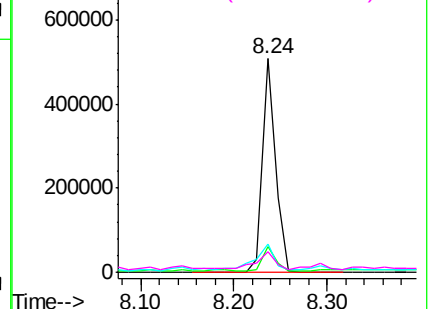
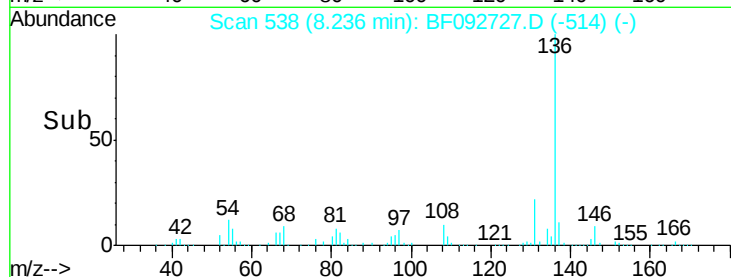


Abundance Ion 136.00 (135.70 to 136.70): E

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: 18.41 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.03 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Tgt Ion:105 Resp: 208043

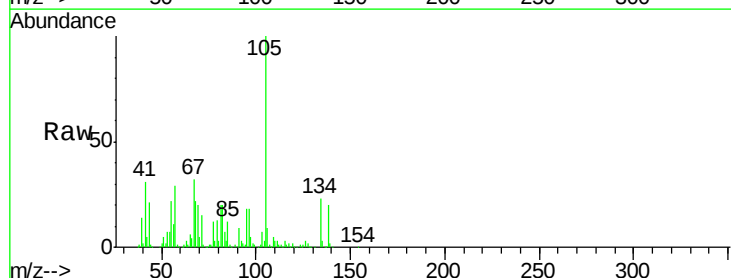
Ion Ratio Lower Upper

105 100

71 15.2 3.2 4.8#

51 5.3 26.2 39.4#

120 0.3 16.6 24.8#

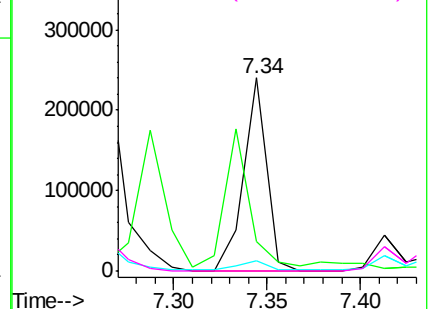
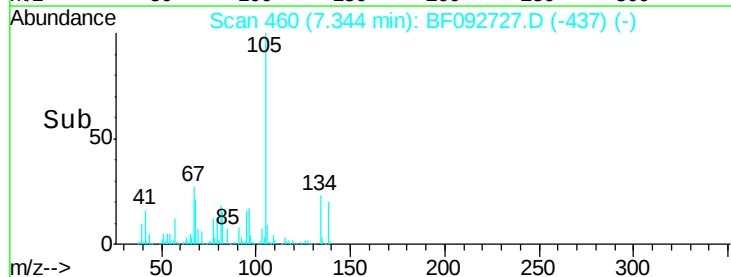


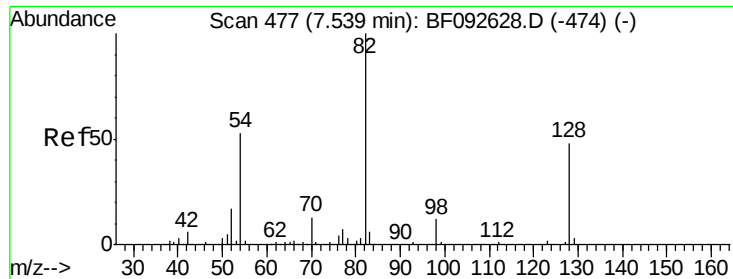
Abundance Ion 105.00 (104.70 to 105.70): E

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

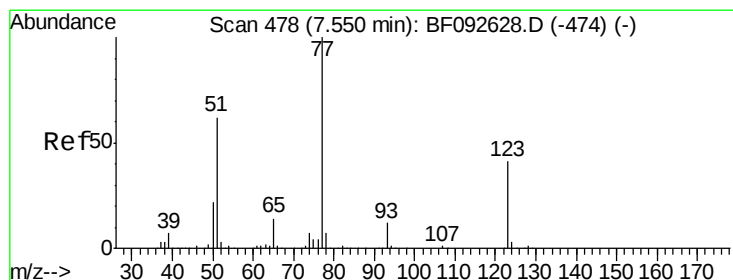
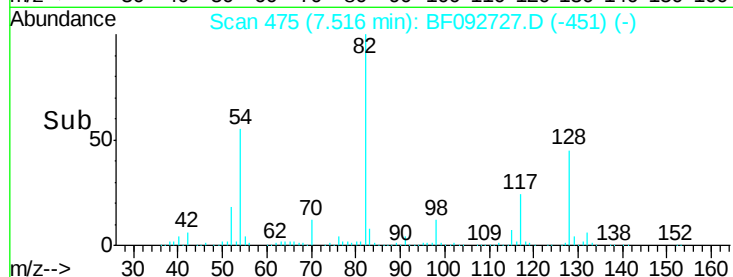
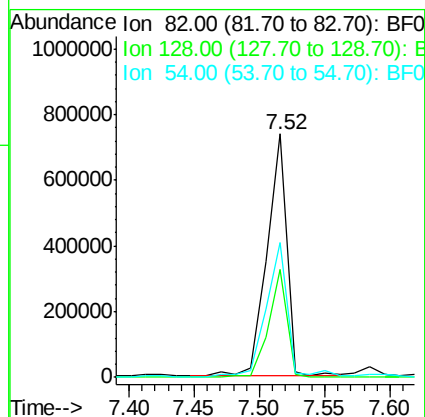
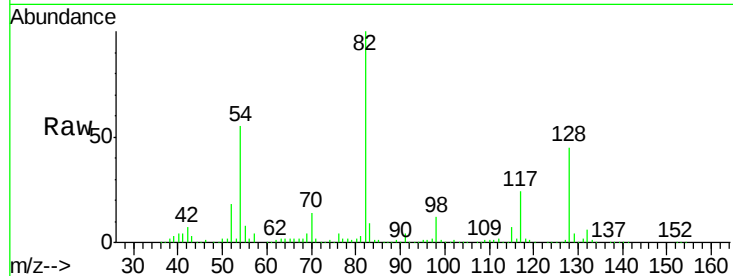




#23
Nitrobenzene-d5
Concen: 89.58 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092727.D
Acq: 2 Feb 2017 3:04

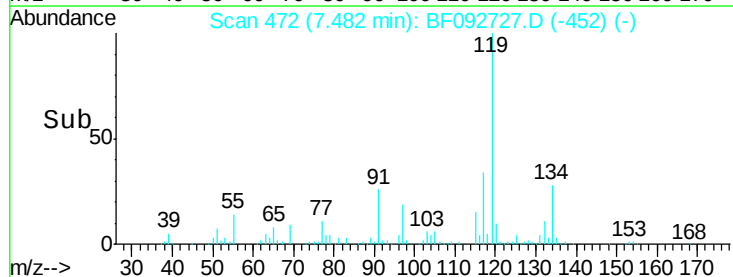
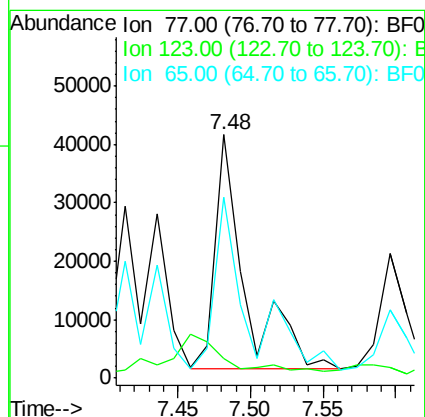
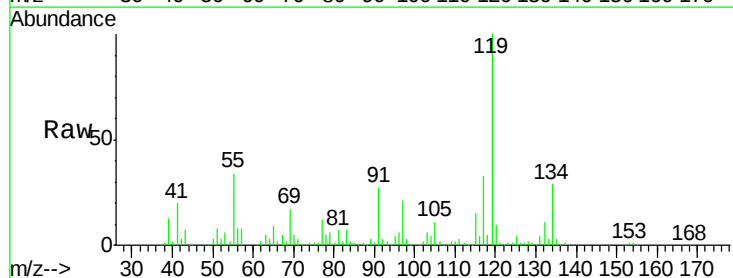
Instrument :
BNA_F
ClientSampled :
SS-1

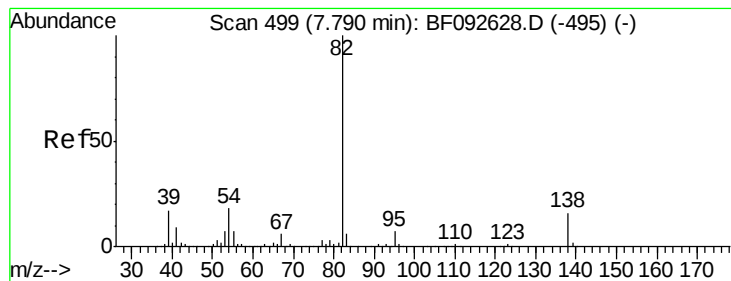
Tgt Ion: 82 Resp: 796022
Ion Ratio Lower Upper
82 100
128 44.5 34.6 52.0
54 55.5 39.5 59.3



#24
Nitrobenzene
Concen: 6.30 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.07 min
Lab File: BF092727.D
Acq: 2 Feb 2017 3:04

Tgt Ion: 77 Resp: 57477
Ion Ratio Lower Upper
77 100
123 8.1 33.0 49.4#
65 74.2 11.2 16.8#





#25

Isophorone

Concen: 3.14 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampled :

SS-1

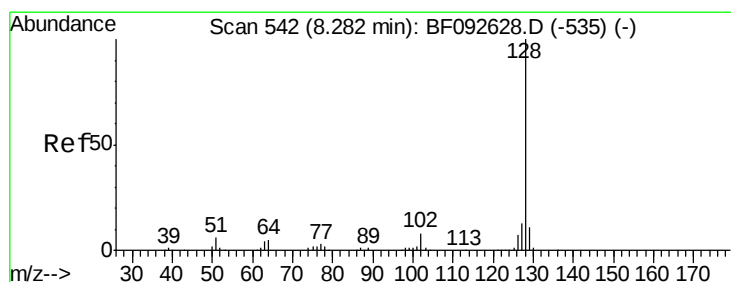
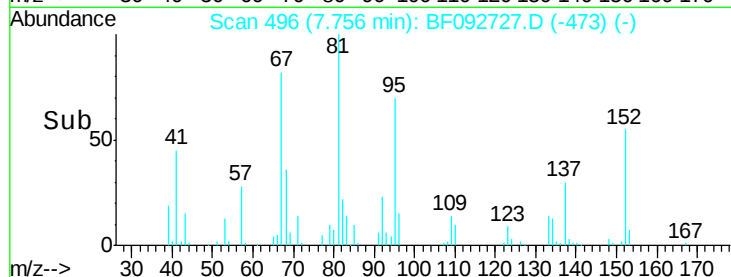
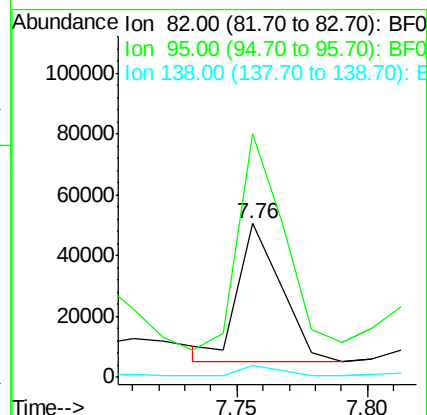
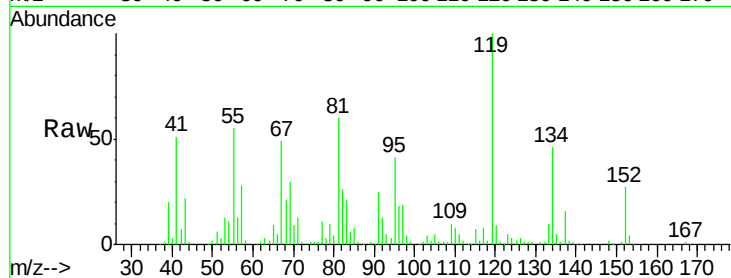
Tgt Ion: 82 Resp: 52071

Ion Ratio Lower Upper

82 100

95 158.5 5.6 8.4#

138 7.7 14.6 22.0#



#31

Naphthalene

Concen: 6.79 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

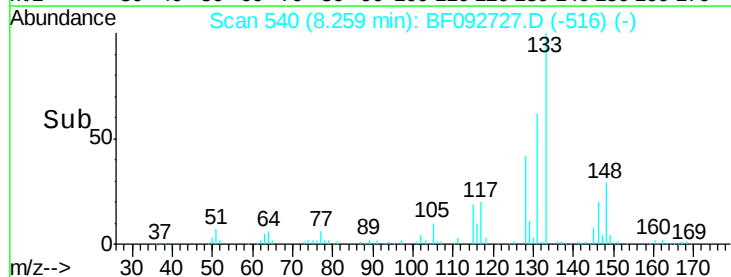
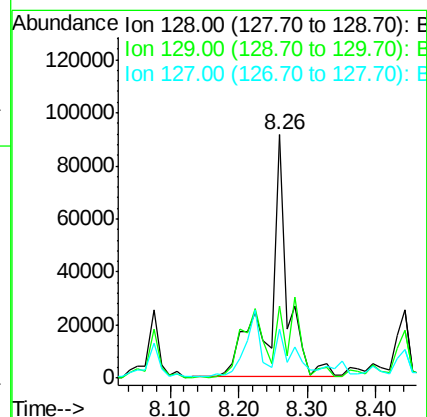
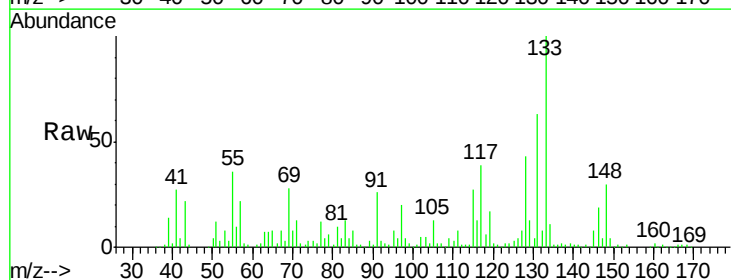
Tgt Ion: 128 Resp: 170327

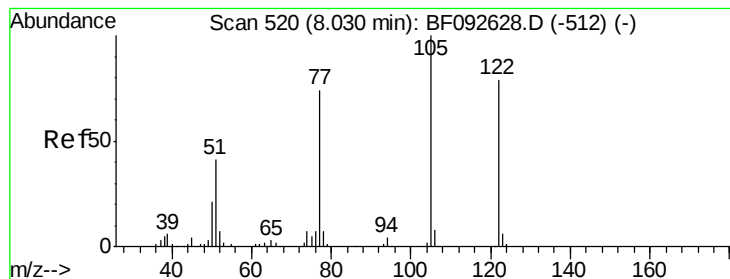
Ion Ratio Lower Upper

128 100

129 29.8 9.5 14.3#

127 20.0 10.8 16.2#





#32

Benzoic acid

Concen: 8.29 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampleId :

SS-1

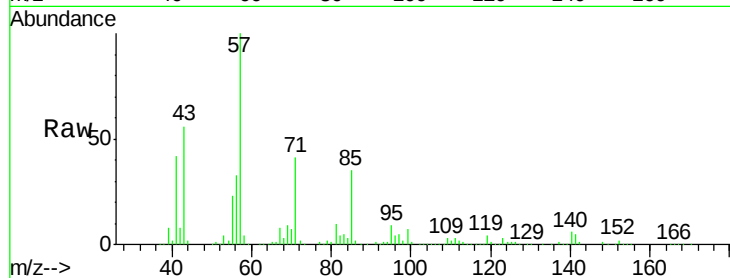
Tgt Ion:122 Resp: 5679

Ion Ratio Lower Upper

122 100

105 81.4 107.2 147.2#

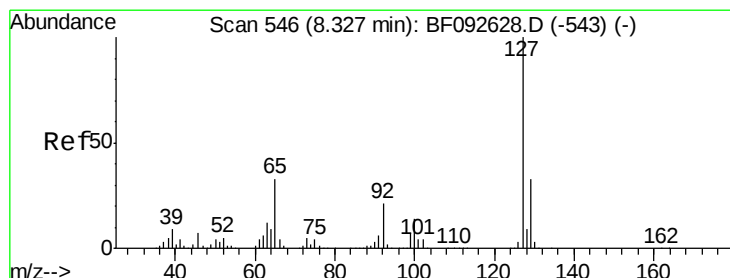
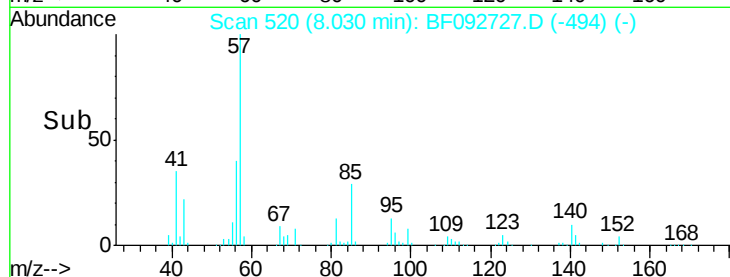
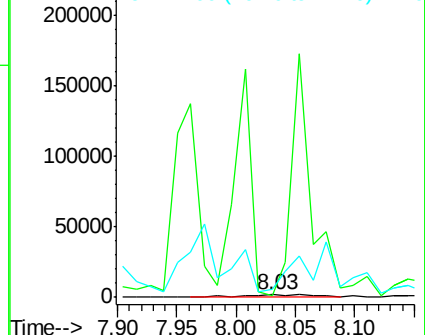
77 300.3 74.5 114.5#



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: 2.02 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.07 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Tgt Ion:127 Resp: 19919

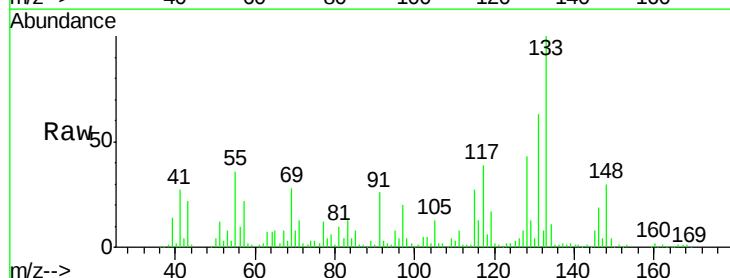
Ion Ratio Lower Upper

127 100

129 149.0 26.3 39.5#

65 98.1 25.8 38.8#

92 31.1 16.1 24.1#

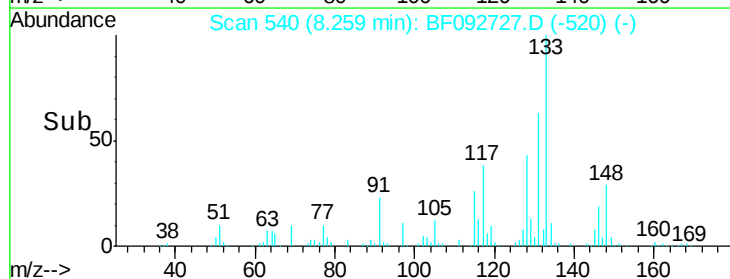
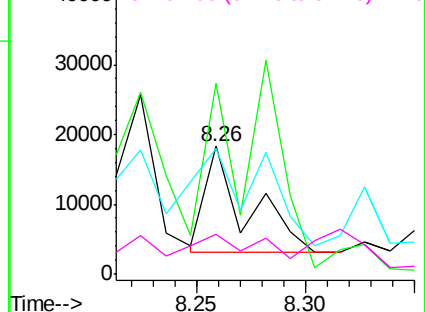


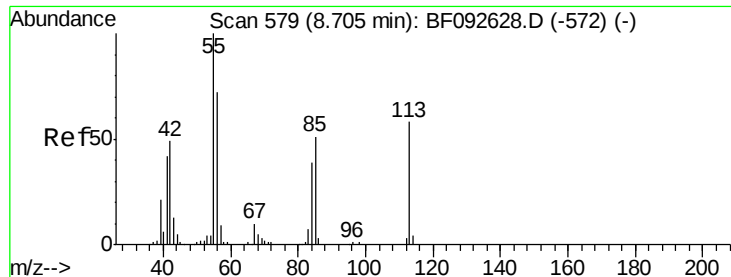
Abundance Ion 127.00 (126.70 to 127.70): E

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: 23.32 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.05 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampled :

SS-1

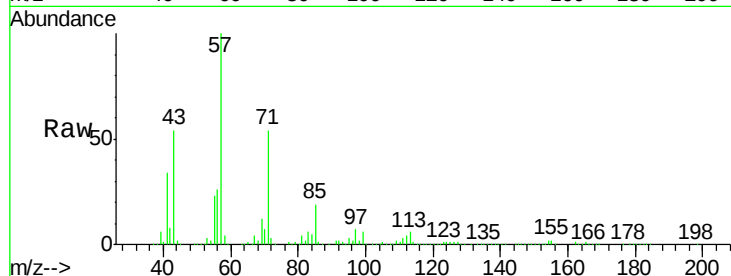
Tgt Ion:113 Resp: 52114

Ion Ratio Lower Upper

113 100

55 394.4 119.2 159.2#

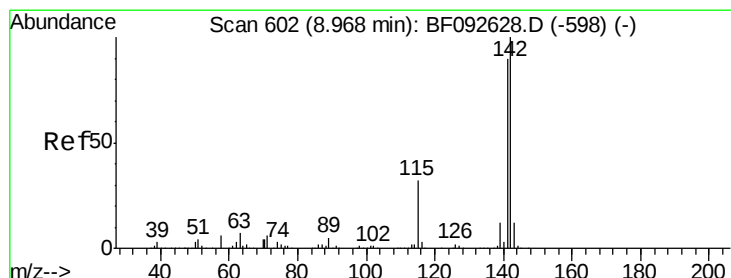
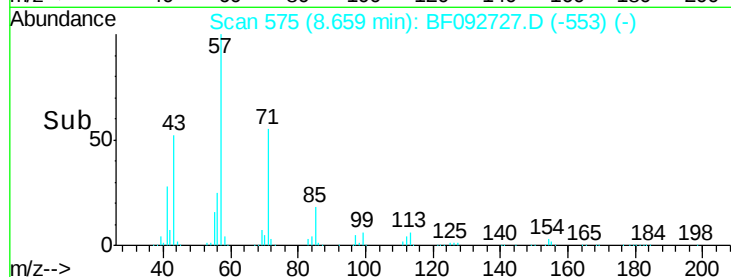
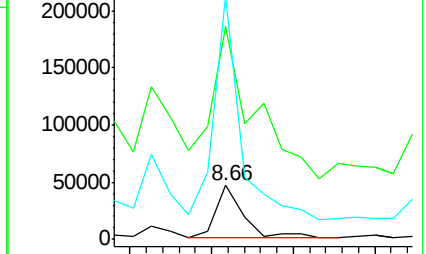
56 451.5 83.8 123.8#



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: 17.29 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

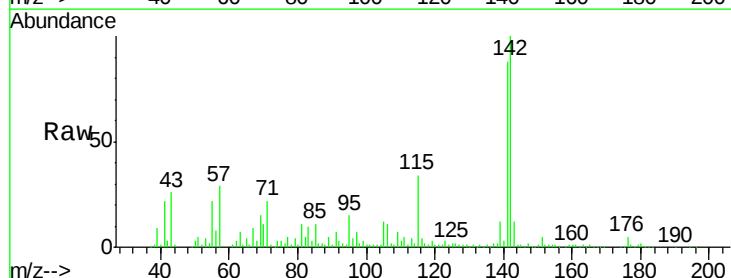
Tgt Ion:142 Resp: 278418

Ion Ratio Lower Upper

142 100

141 88.3 71.0 106.6

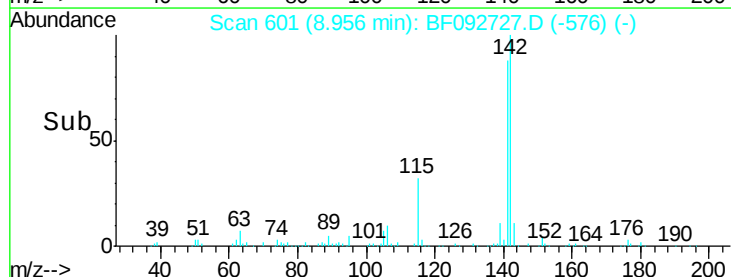
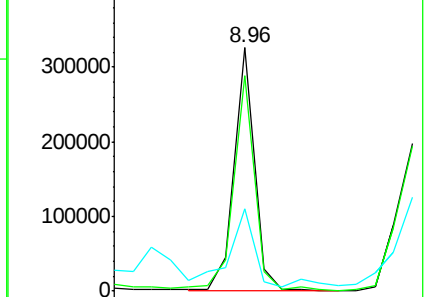
115 33.8 28.3 42.5

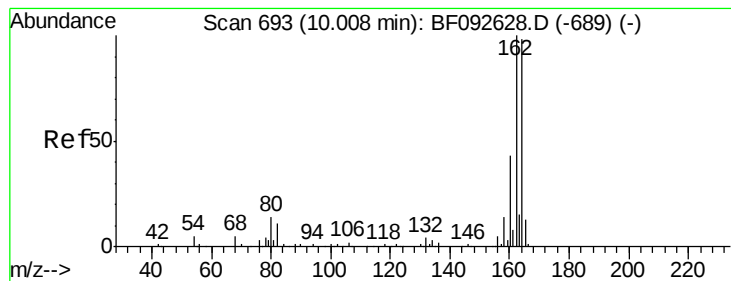


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampleId :

SS-1

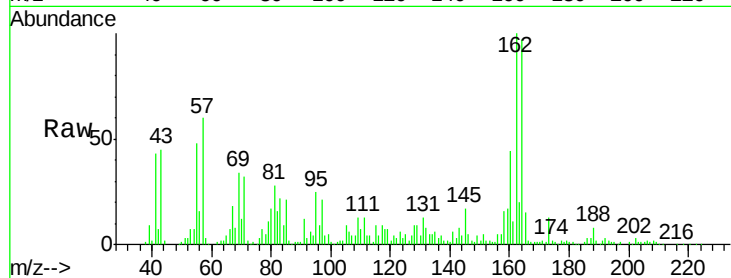
Tgt Ion:164 Resp: 232440

Ion Ratio Lower Upper

164 100

162 103.6 80.2 120.2

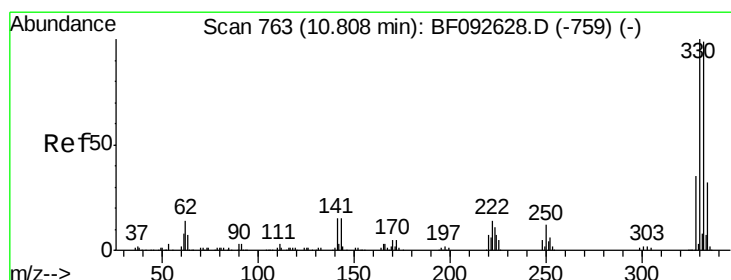
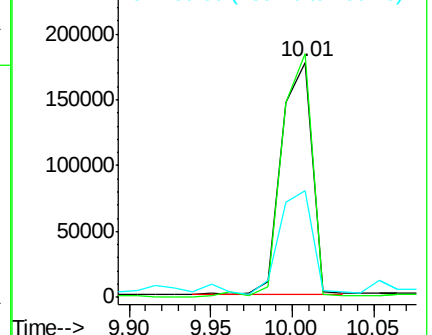
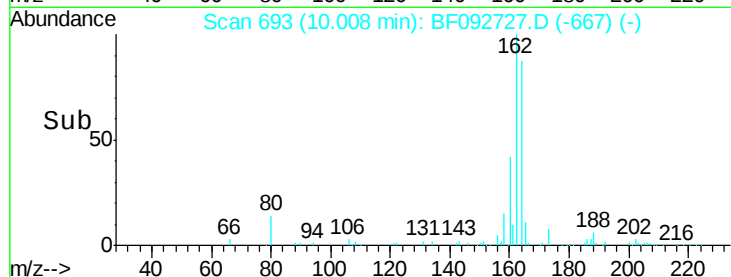
160 45.6 36.9 55.3



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: 97.95 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

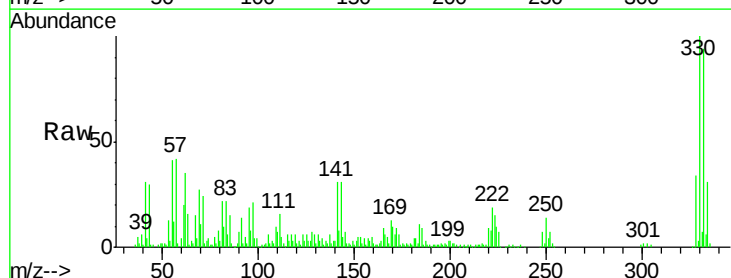
Tgt Ion:330 Resp: 164671

Ion Ratio Lower Upper

330 100

332 94.4 77.4 116.2

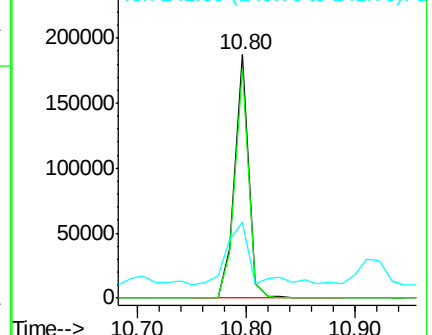
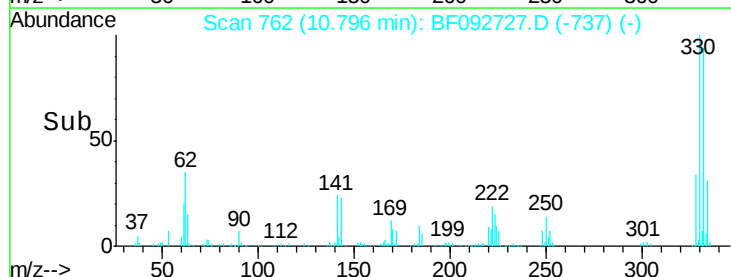
141 41.6 34.1 51.1

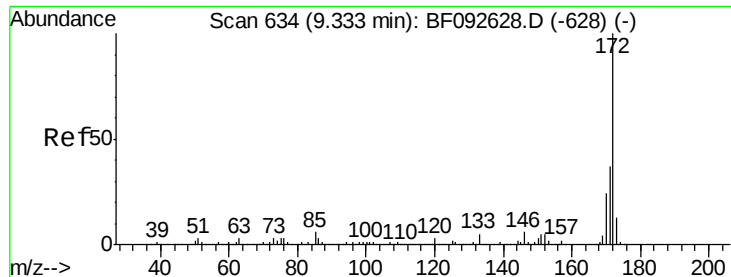


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 82.41 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampled :

SS-1

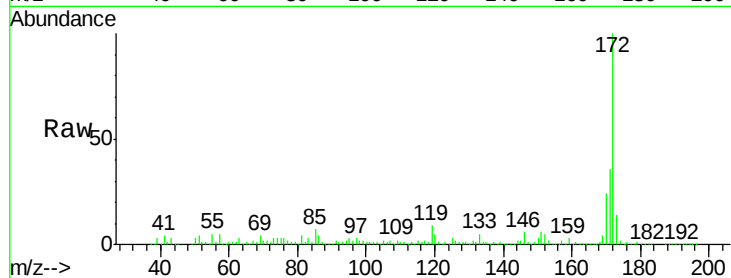
Tgt Ion:172 Resp: 1057347

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.0

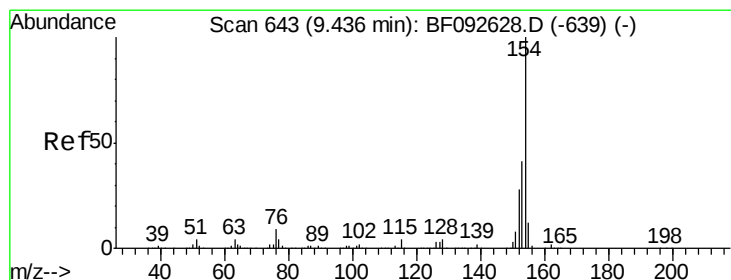
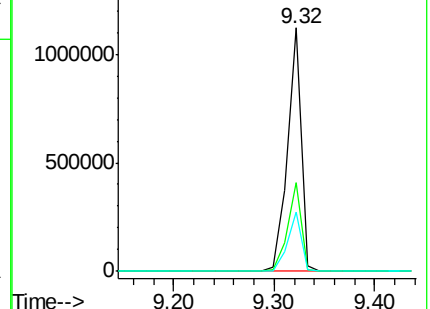
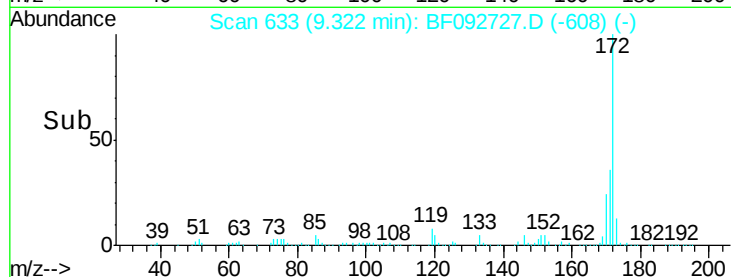
170 24.3 20.2 30.4



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: 3.76 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

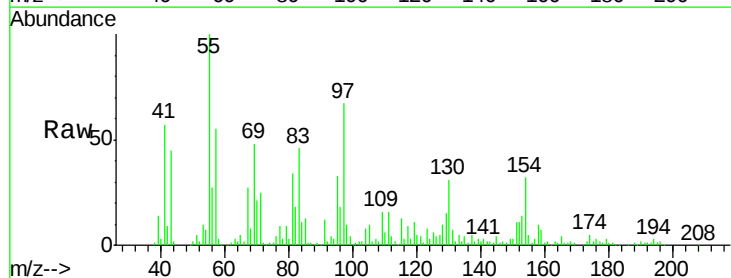
Tgt Ion:154 Resp: 63296

Ion Ratio Lower Upper

154 100

153 42.9 20.9 60.9

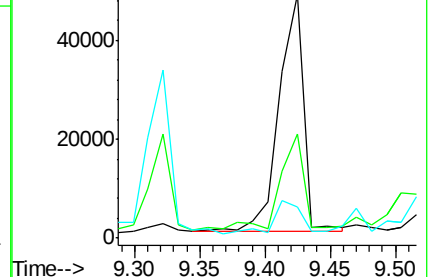
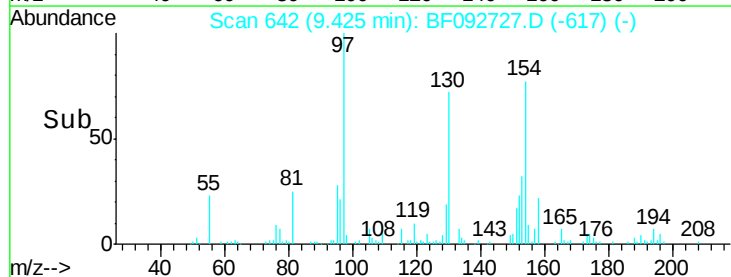
76 12.5 0.0 30.5

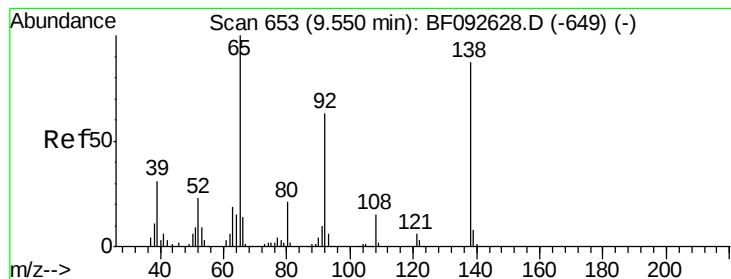


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#47

2-Nitroaniline

Concen: 2.79 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.02 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampleId :

SS-1

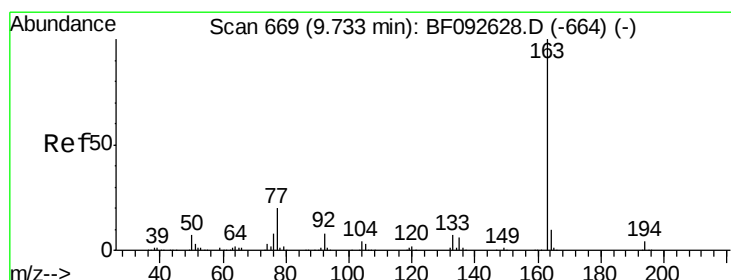
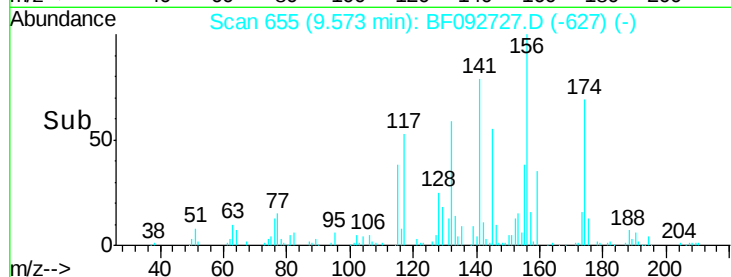
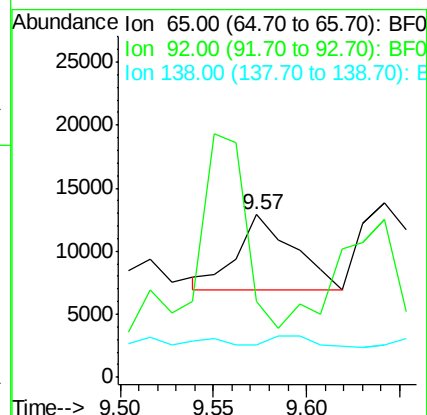
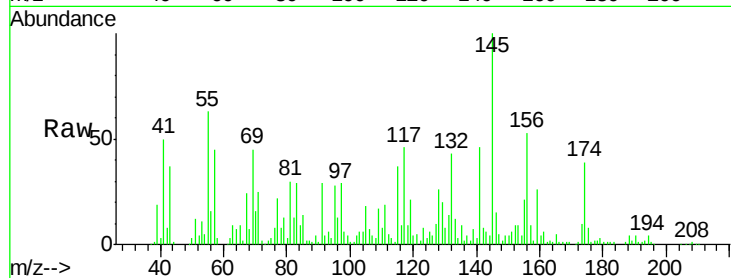
Tgt Ion: 65 Resp: 12349

Ion Ratio Lower Upper

65 100

92 46.6 53.9 80.9#

138 19.8 76.8 115.2#



#49

Dimethylphthalate

Concen: 12.53 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

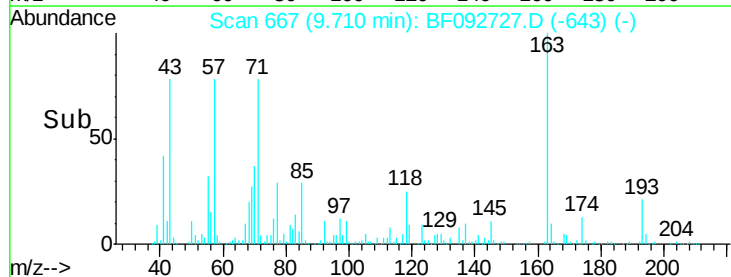
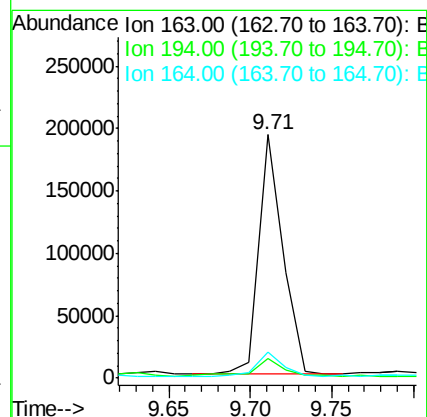
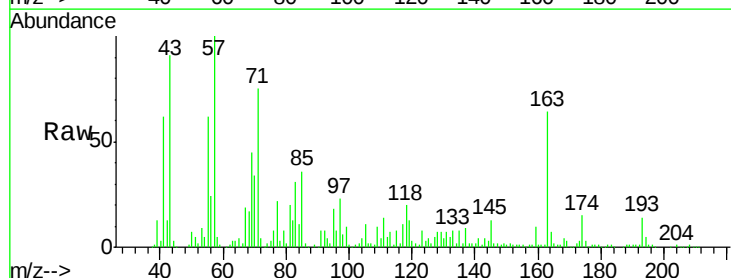
Tgt Ion: 163 Resp: 196242

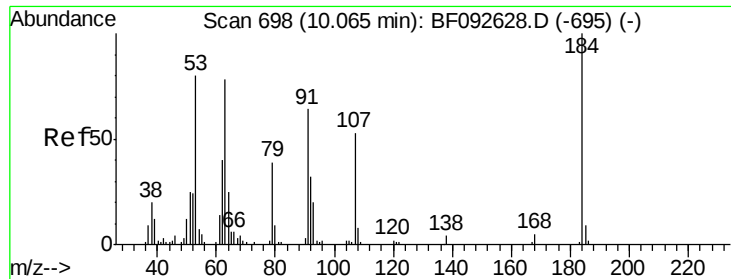
Ion Ratio Lower Upper

163 100

194 8.1 3.0 4.4#

164 10.8 8.0 12.0

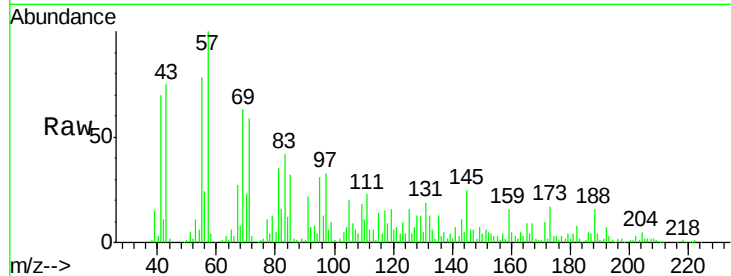




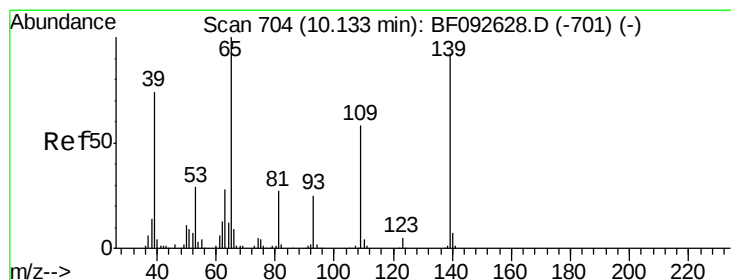
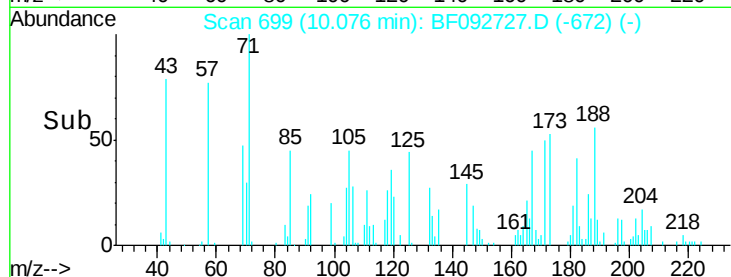
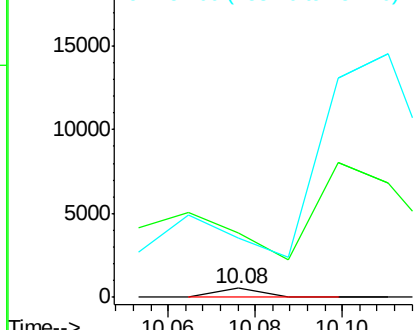
#53
 2,4-Dinitrophenol
 Concen: 4.94 ng
 RT: 10.08 min Scan# 699
 Delta R.T. 0.01 min
 Lab File: BF092727.D
 Acq: 2 Feb 2017 3:04

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Tgt Ion:184 Resp: 372
 Ion Ratio Lower Upper
 184 100
 63 710.9 28.4 42.6#
 154 653.8 44.3 66.5#

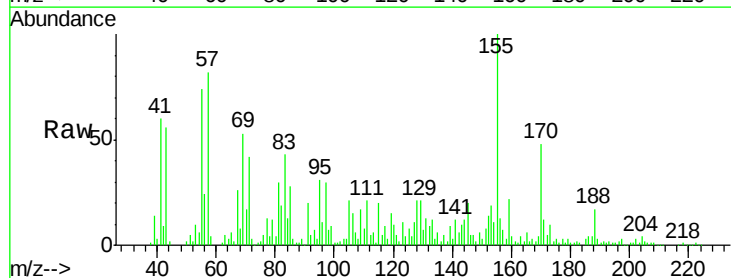


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

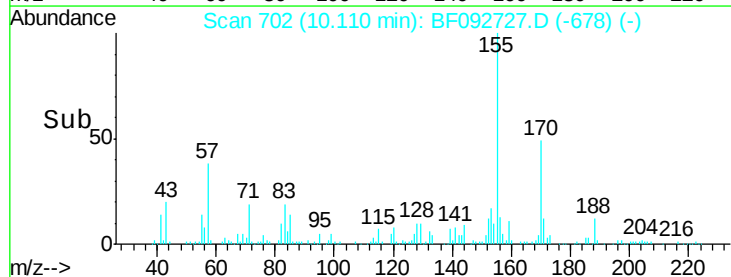
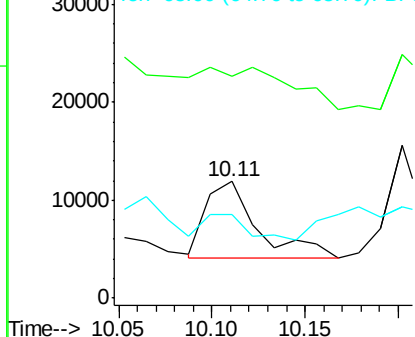


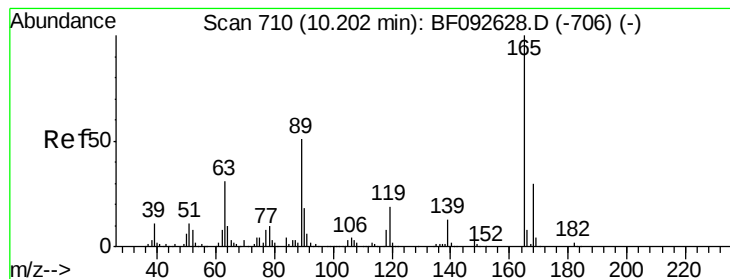
#55
 4-Nitrophenol
 Concen: 5.38 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF092727.D
 Acq: 2 Feb 2017 3:04

Tgt Ion:139 Resp: 15004
 Ion Ratio Lower Upper
 139 100
 109 191.0 52.2 92.2#
 65 72.1 85.8 125.8#



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: 2.65 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampleId :

SS-1

Tgt Ion:165 Resp: 11941

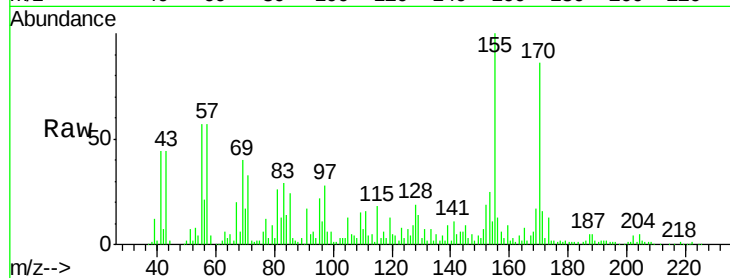
Ion Ratio Lower Upper

165 100

63 77.4 40.2 60.4#

89 34.5 62.5 93.7#

182 11.4 1.8 2.8#

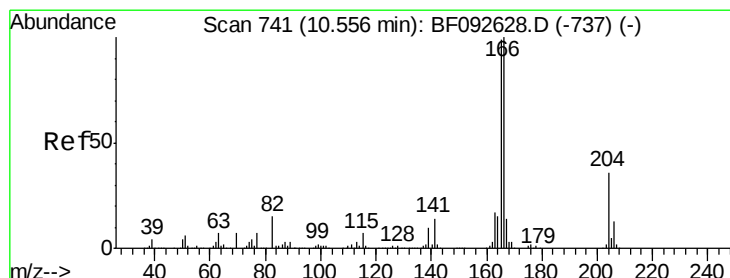
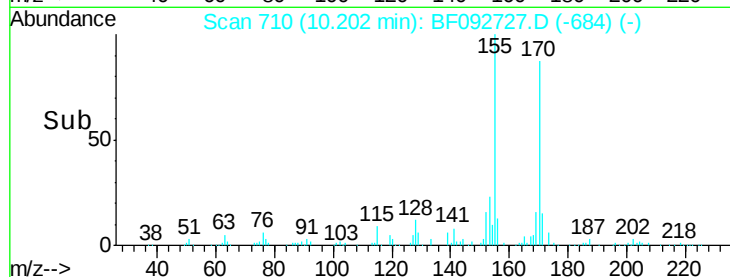
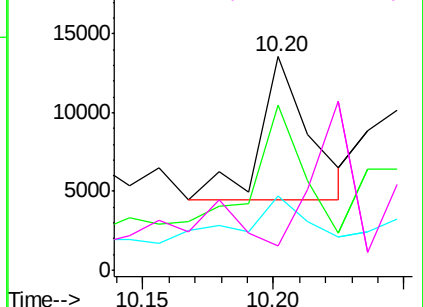


Abundance Ion 165.00 (164.70 to 165.70): E

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: 2.30 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

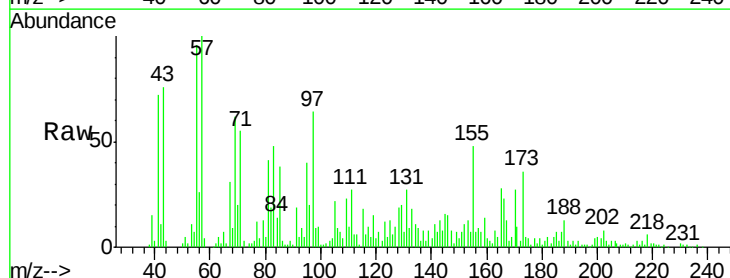
Tgt Ion:166 Resp: 32179

Ion Ratio Lower Upper

166 100

165 122.9 77.8 116.8#

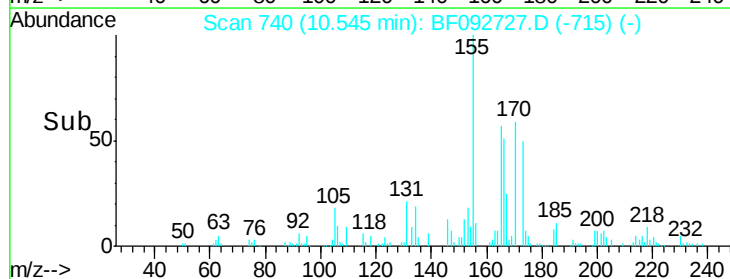
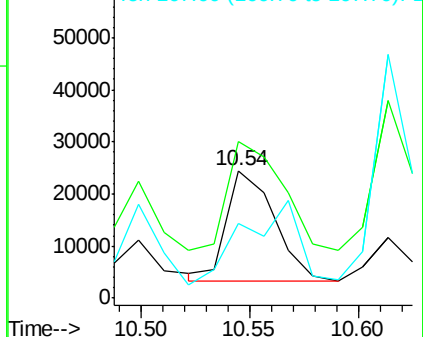
167 58.6 10.8 16.2#

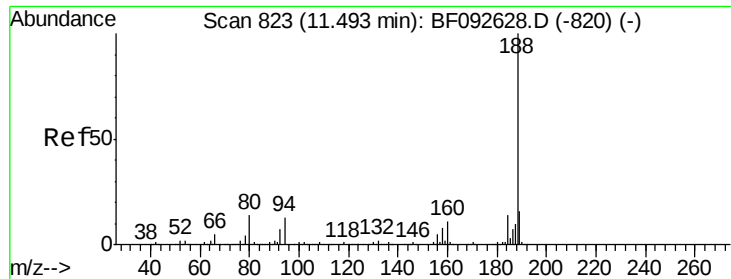


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

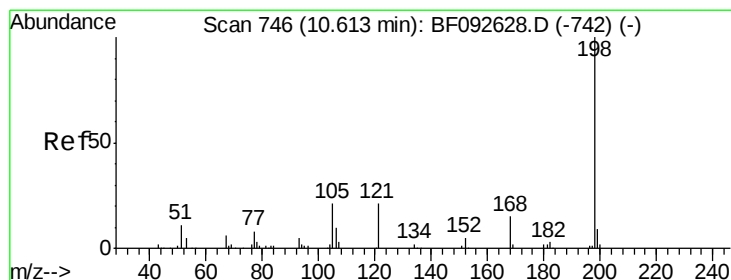
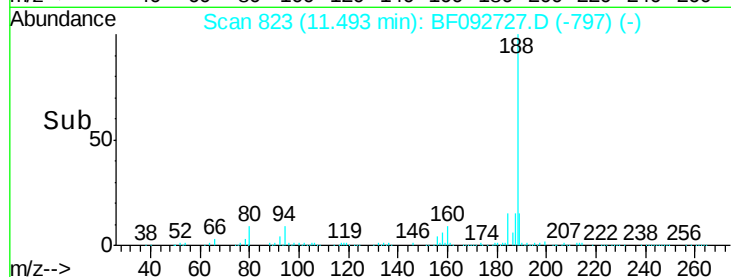
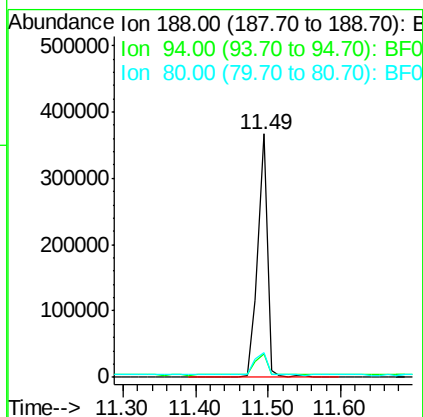
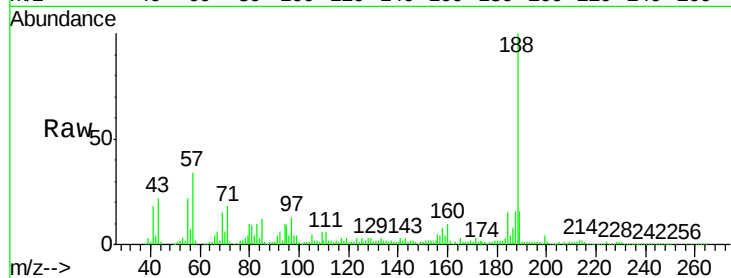




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092727.D
Acq: 2 Feb 2017 3:04

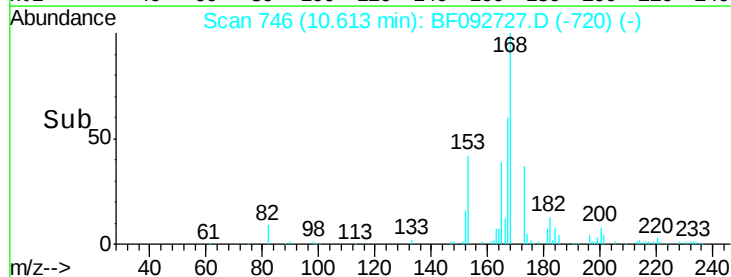
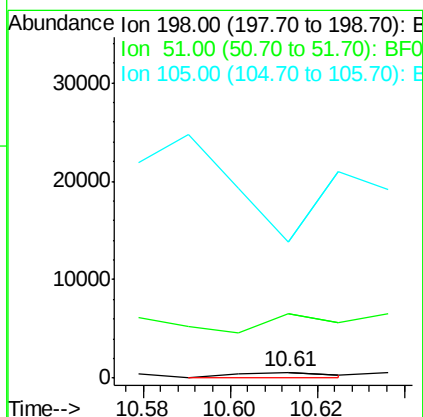
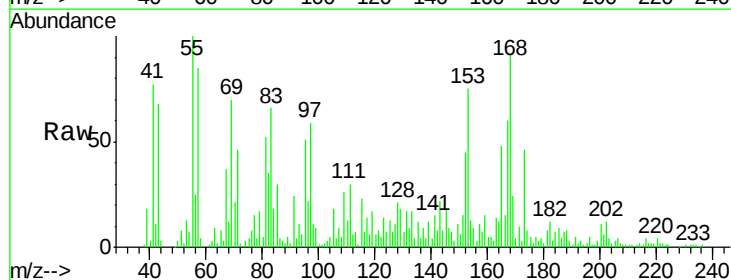
Instrument :
BNA_F
ClientSampleId :
SS-1

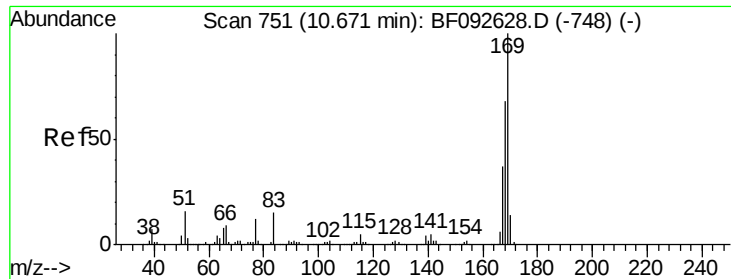
Tgt Ion:188 Resp: 342122
Ion Ratio Lower Upper
188 100
94 9.8 10.0 15.0#
80 10.1 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 3.11 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF092727.D
Acq: 2 Feb 2017 3:04

Tgt Ion:198 Resp: 978
Ion Ratio Lower Upper
198 100
51 1082.0 6.7 46.7#
105 2273.5 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 6.32 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampled :

SS-1

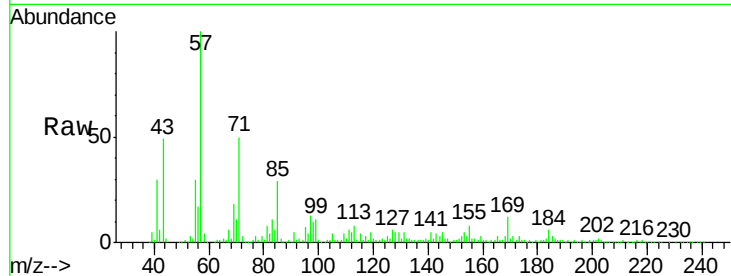
Tgt Ion:169 Resp: 69099

Ion Ratio Lower Upper

169 100

168 29.1 54.2 81.2#

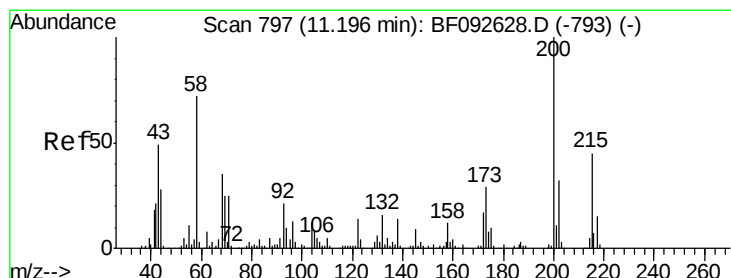
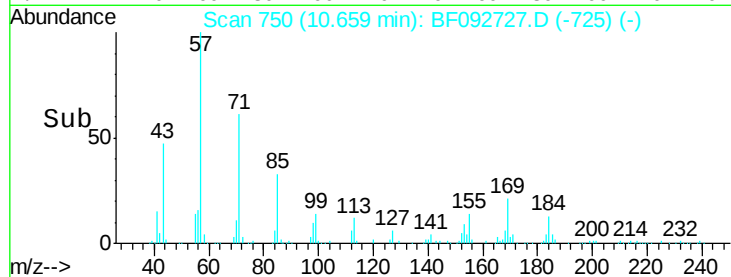
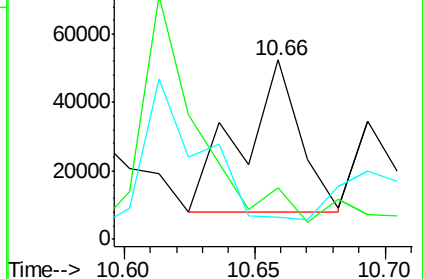
167 12.3 30.2 45.4#



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



#68

Atrazine

Concen: 10.41 ng

RT: 11.18 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

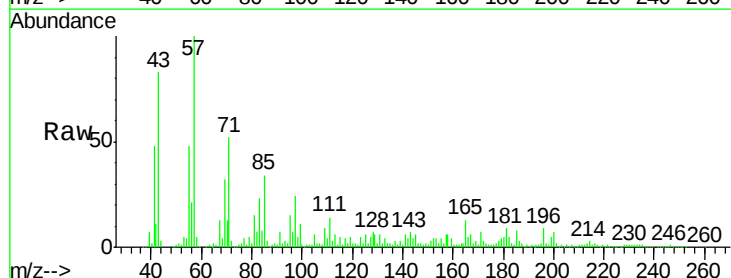
Tgt Ion:200 Resp: 36521

Ion Ratio Lower Upper

200 100

173 30.2 9.6 49.6

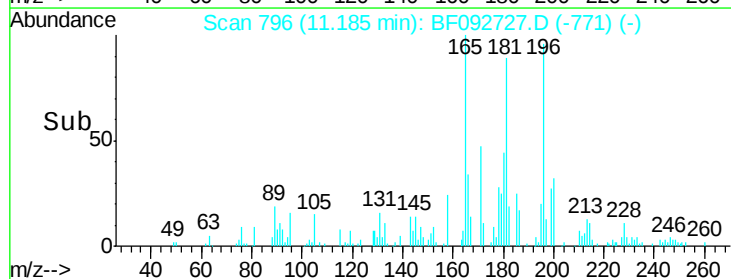
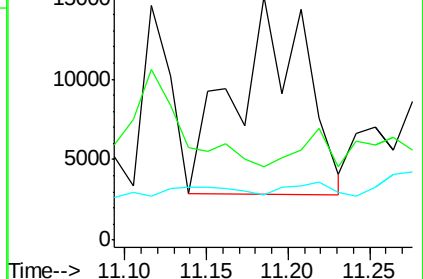
215 18.8 25.7 65.7#

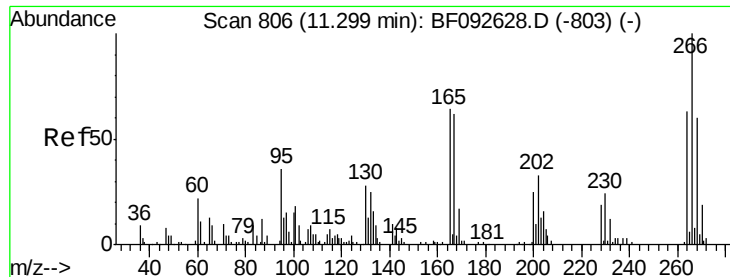


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

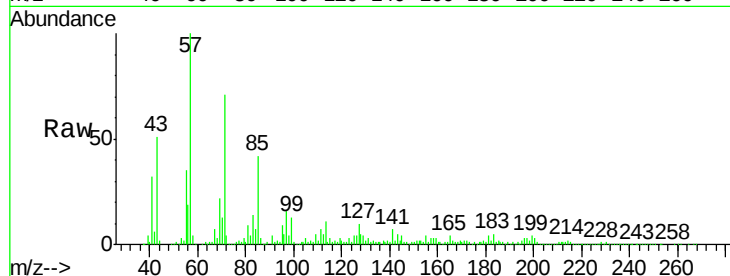




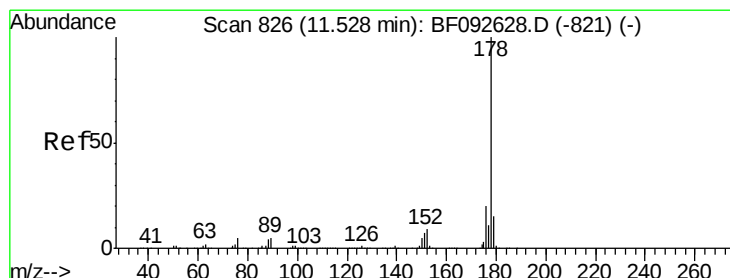
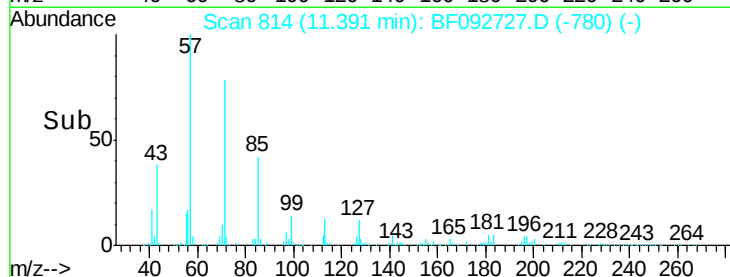
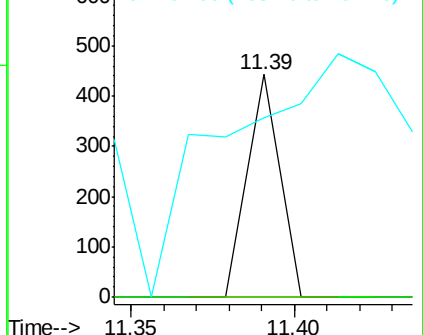
#69
 Pentachlorophenol
 Concen: 7.35 ng
 RT: 11.39 min Scan# 814
 Delta R.T. 0.09 min
 Lab File: BF092727.D
 Acq: 2 Feb 2017 3:04

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Tgt Ion:266 Resp: 304
 Ion Ratio Lower Upper
 266 100
 268 0.0 53.3 79.9#
 264 80.6 50.3 75.5#

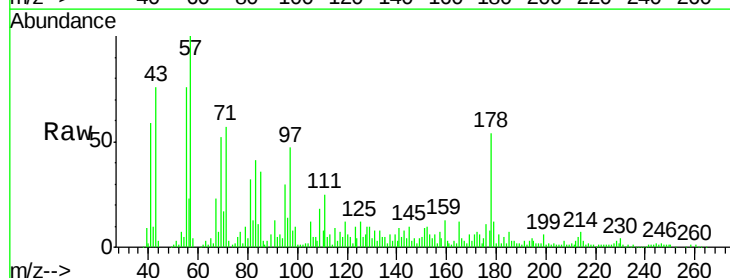


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

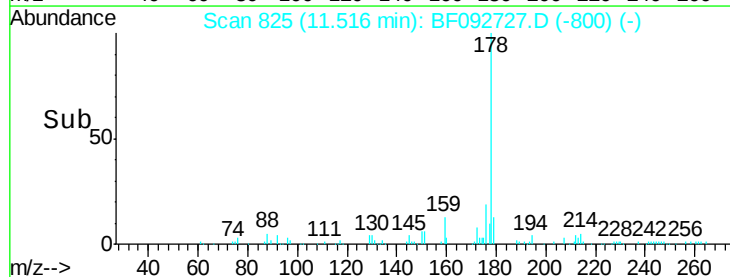
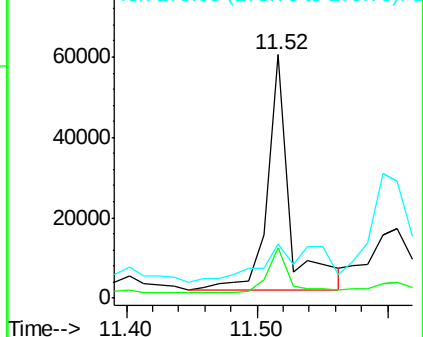


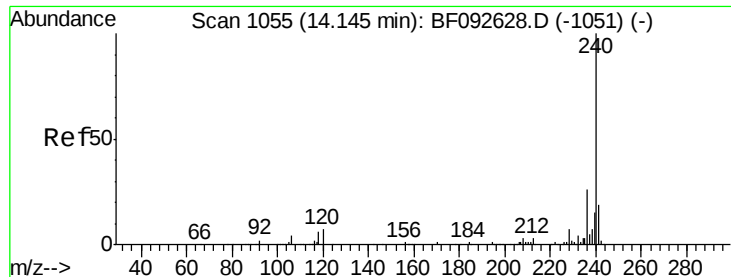
#70
 Phenanthrene
 Concen: 3.58 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092727.D
 Acq: 2 Feb 2017 3:04

Tgt Ion:178 Resp: 70165
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.6 25.0
 179 22.3 12.8 19.2#



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: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

Instrument :

BNA_F

ClientSampleId :

SS-1

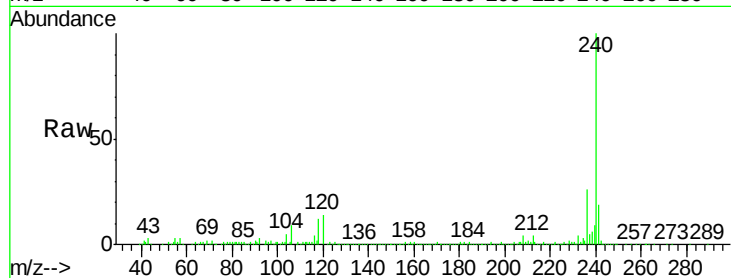
Tgt Ion:240 Resp: 300572

Ion Ratio Lower Upper

240 100

120 13.9 12.9 19.3

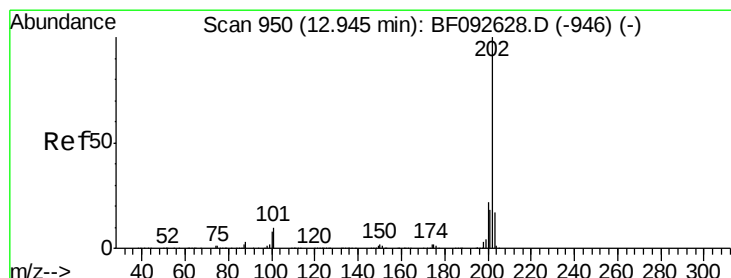
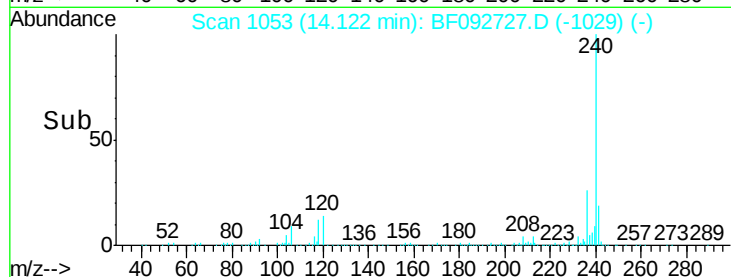
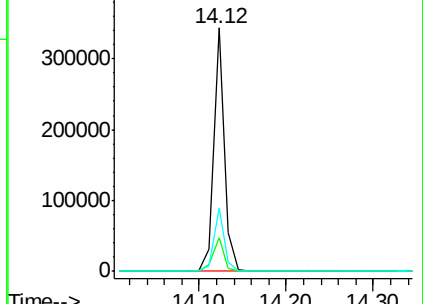
236 25.8 20.9 31.3



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



#77

Pyrene

Concen: 2.16 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092727.D

Acq: 2 Feb 2017 3:04

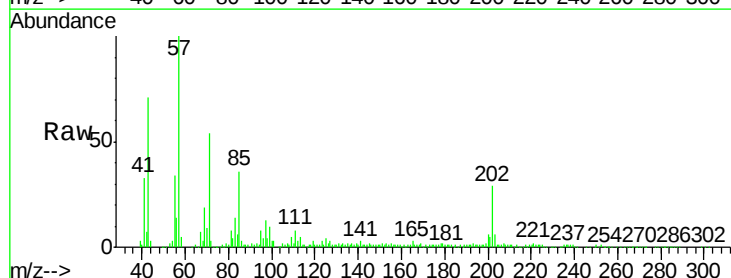
Tgt Ion:202 Resp: 48576

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

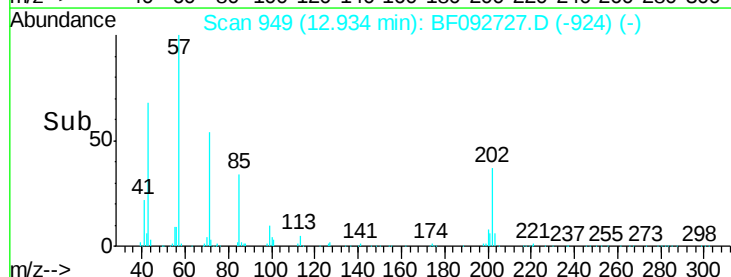
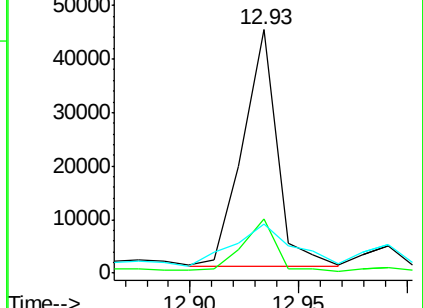
203 20.0 14.7 22.1

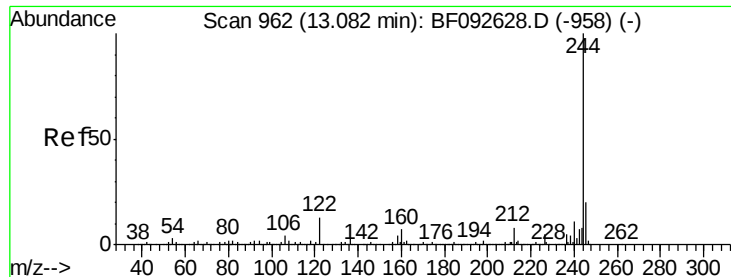


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

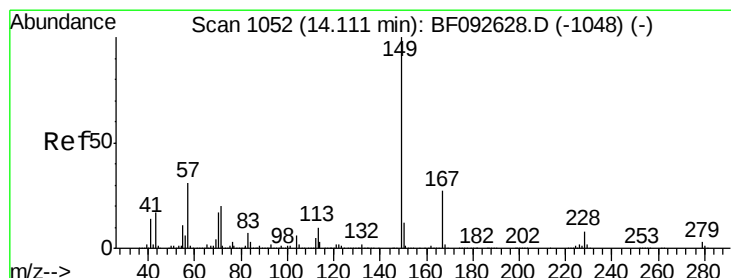
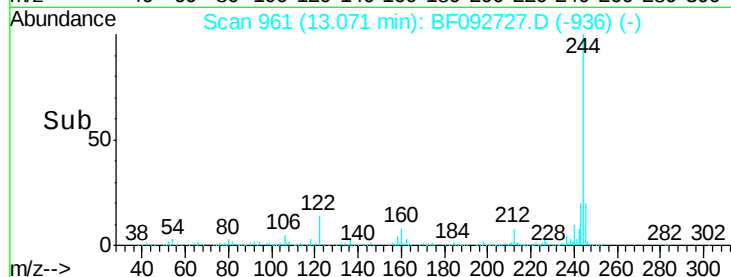
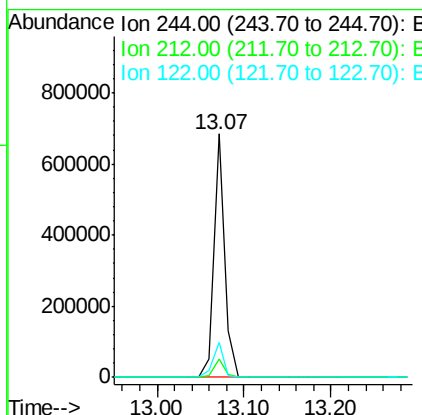
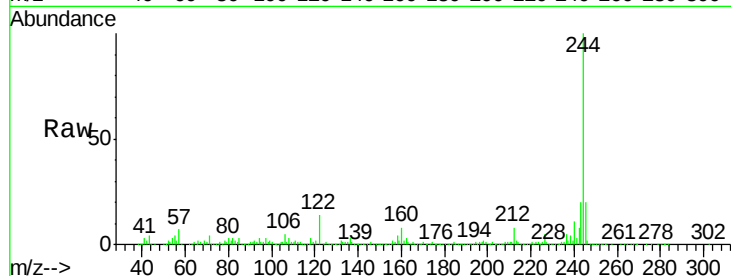




#78
 Terphenyl-d14
 Concen: 46.95 ng
 RT: 13.07 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF092727.D
 Acq: 2 Feb 2017 3:04

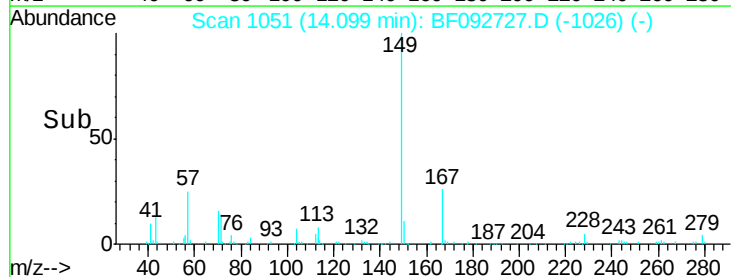
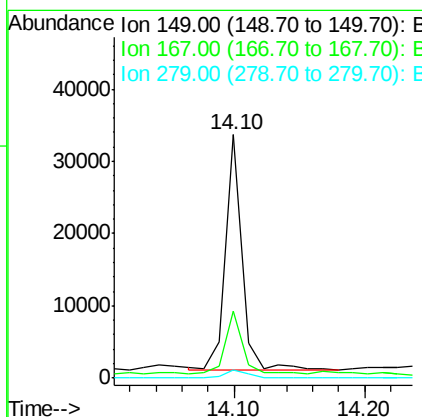
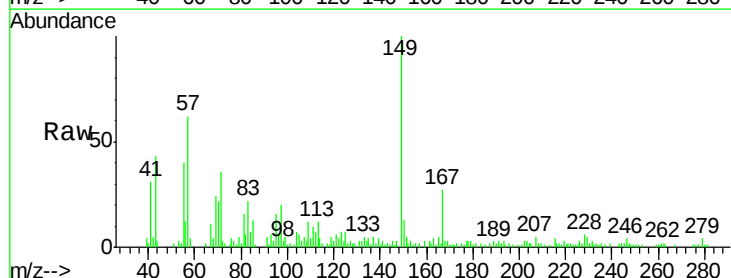
Instrument :
 BNA_F
 ClientSampleId :
 SS-1

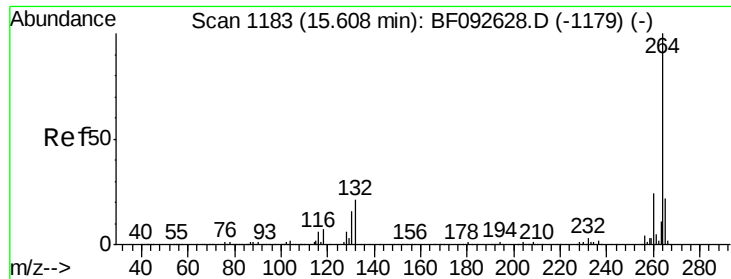
Tgt Ion:244 Resp: 600534
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 14.3 11.4 17.2



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.32 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF092727.D
 Acq: 2 Feb 2017 3:04

Tgt Ion:149 Resp: 29012
 Ion Ratio Lower Upper
 149 100
 167 27.3 20.2 30.4
 279 3.5 1.8 2.8#

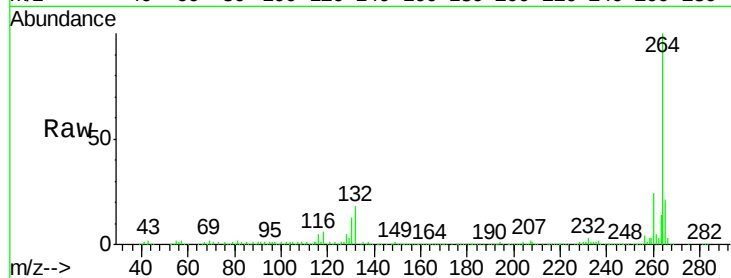




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092727.D
Acq: 2 Feb 2017 3:04

Instrument :
BNA_F
ClientSampleId :
SS-1

Tgt Ion: 264 Resp: 295311
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.3 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

