

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110916\
 Data File : BF091127.D
 Acq On : 9 Nov 2016 16:40
 Operator : UM/SJ
 Sample : H5602-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST

Quant Time: Nov 09 22:42:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	169721	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	719338	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	617156	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	622098	20.00	ng	0.00
75) Chrysene-d12	13.80	240	405128	20.00	ng	-0.01
86) Perylene-d12	15.17	264	329772	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	874	0.09	ng	0.07
7) Phenol-d6	6.34	99	21702	1.56	ng	0.02
23) Nitrobenzene-d5	7.23	82	1043311	79.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	493743	88.49	ng	0.01
44) 2-Fluorobiphenyl	9.02	172	1666032	46.48	ng	-0.01
78) Terphenyl-d14	12.76	244	1519201	93.58	ng	0.00

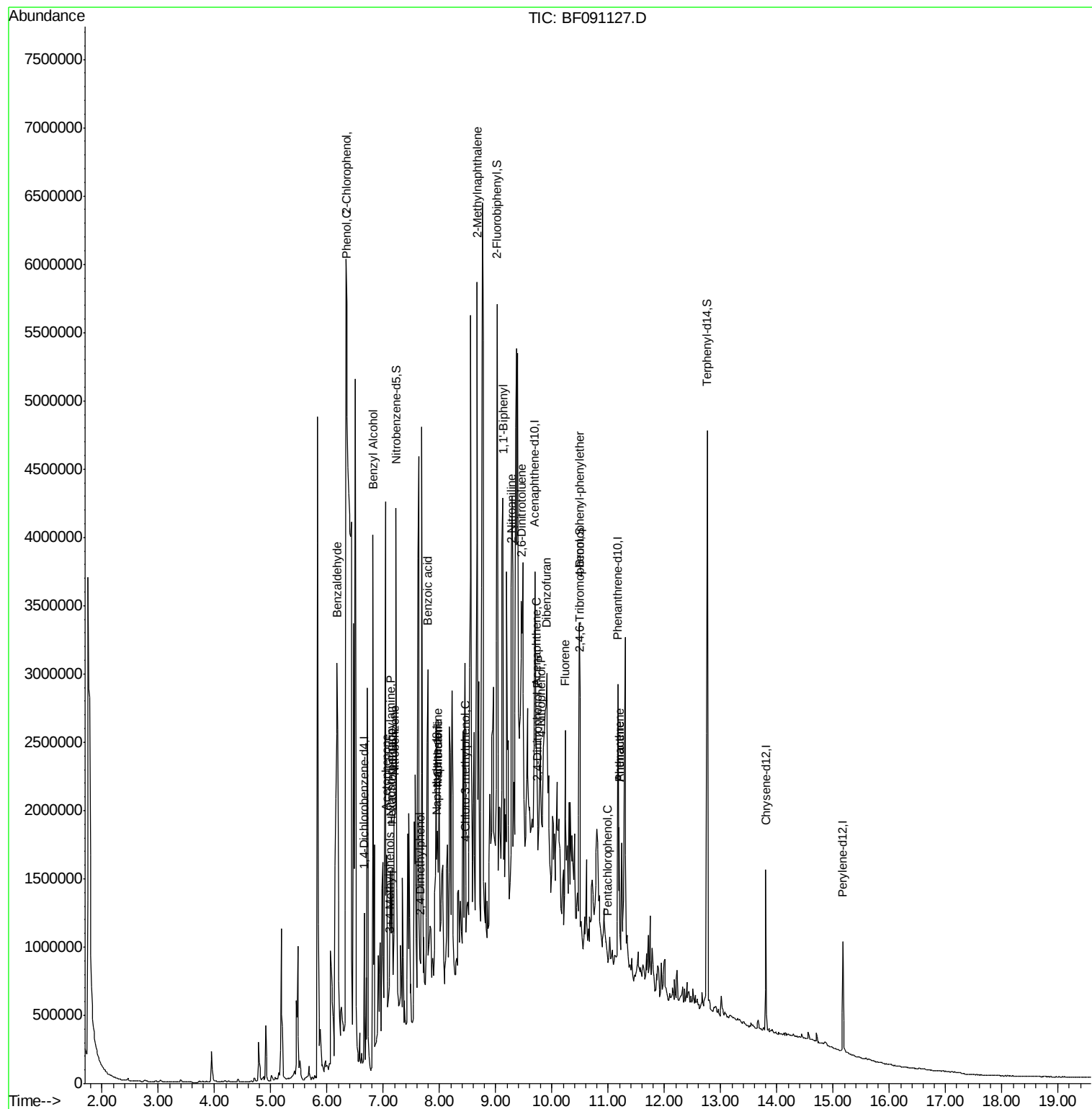
Target Compounds						Qvalue
8) 2-Chlorophenol	6.34	128	216288	17.64	ng	# 32
9) Benzaldehyde	6.18	77	146549	18.93	ng	# 1
10) Phenol	6.35	94	33137	2.15	ng	# 46
15) Benzyl Alcohol	6.82	79	25254	2.57	ng	# 45
18) Hexachloroethane	7.15	117	69352	13.47	ng	# 1
19) n-Nitroso-di-n-propylamine	7.13	70	22245	2.30	ng	# 4
20) 3+4-Methylphenols	7.12	107	70848	6.08	ng	# 48
22) Acetophenone	7.06	105	357966	21.61	ng	# 71
24) Nitrobenzene	7.20	77	116882	8.03	ng	# 13
27) 2,4-Dimethylphenol	7.65	122	72213	7.09	ng	# 68
31) Naphthalene	7.96	128	455670	13.25	ng	# 94
32) Benzoic acid	7.79	122	65995	12.50	ng	# 72
33) 4-Chloroaniline	7.96	127	107168	7.49	ng	# 39
36) 4-Chloro-3-methylphenol	8.46	107	47491	4.41	ng	# 23
37) 2-Methylnaphthalene	8.67	142	2017127	91.21	ng	98
45) 1,1'-Biphenyl	9.13	154	258305	5.73	ng	99
47) 2-Nitroaniline	9.28	65	66068	5.20	ng	# 39
50) 2,6-Dinitrotoluene	9.46	165	67385	7.77	ng	# 21
51) Acenaphthene	9.72	154	101840	3.04	ng	95
53) 2,4-Dinitrophenol	9.74	184	1253	6.50	ng	# 1
54) Dibenzofuran	9.90	168	163475	3.63	ng	# 86
55) 4-Nitrophenol	9.80	139	18017	8.17	ng	89
57) Fluorene	10.24	166	195236	5.30	ng	# 95
66) 4-Bromophenyl-phenylether	10.49	248	30201	4.67	ng	# 1
69) Pentachlorophenol	10.99	266	8045	2.55	ng	90
70) Phenanthrene	11.20	178	271940	8.22	ng	98
71) Anthracene	11.20	178	271940	7.73	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

Instrument :

BNA_F

ClientSampleId :

UST

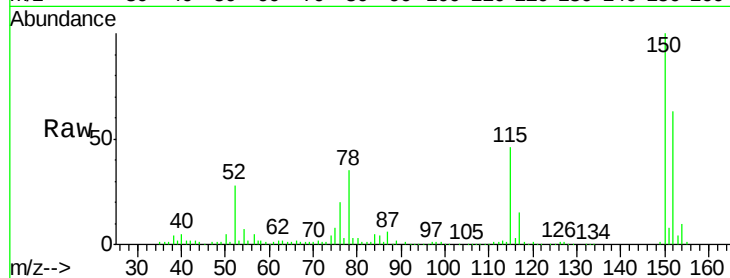
Tgt Ion:152 Resp: 169721

Ion Ratio Lower Upper

152 100

150 159.2 126.8 190.2

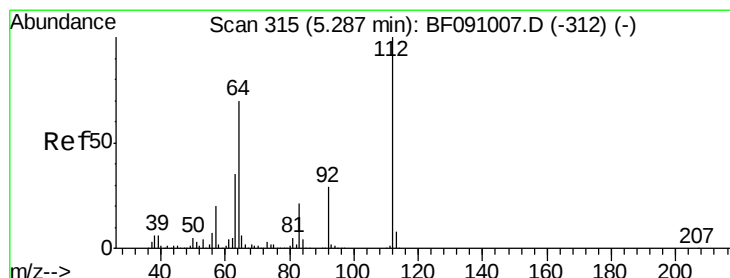
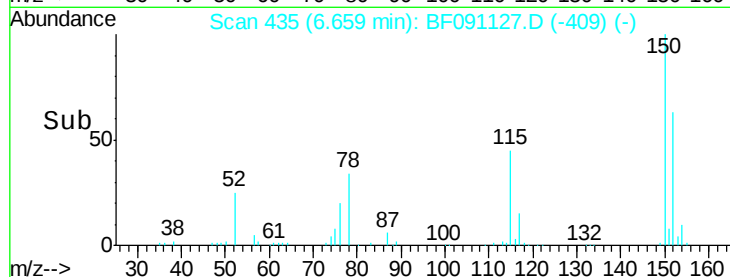
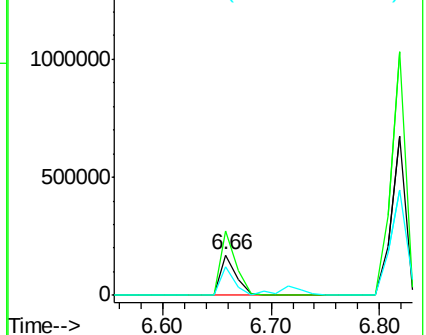
115 72.6 53.3 79.9



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: 0.09 ng

RT: 5.31 min Scan# 317

Delta R.T. 0.07 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

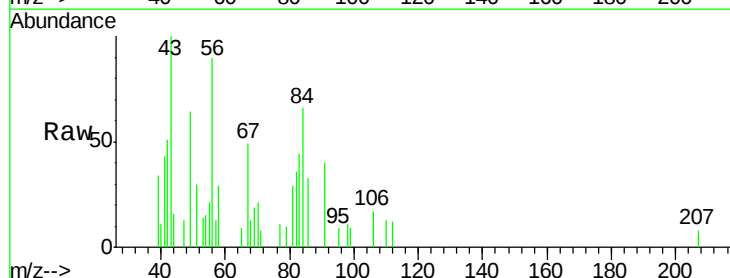
Tgt Ion:112 Resp: 874

Ion Ratio Lower Upper

112 100

64 0.0 55.8 83.6#

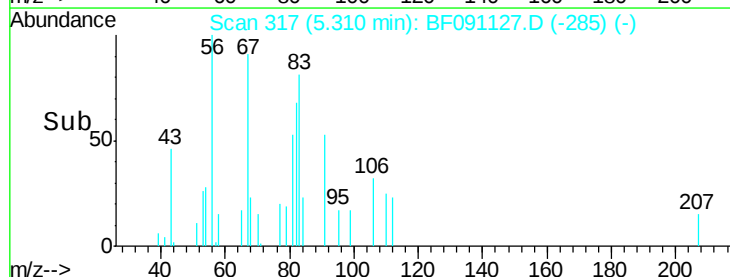
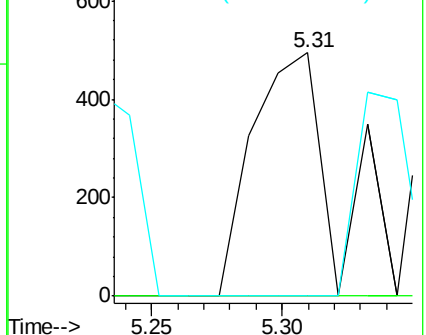
63 0.0 28.0 42.0#

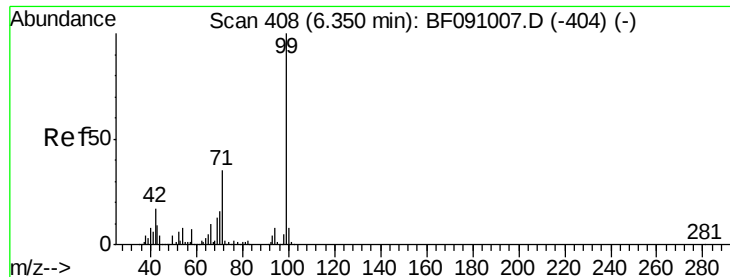


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.56 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.02 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

Instrument :

BNA_F

ClientSampleId :

UST

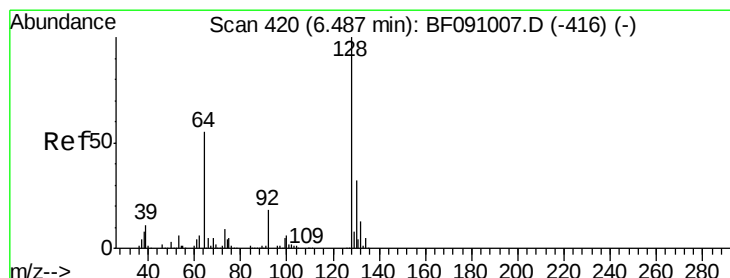
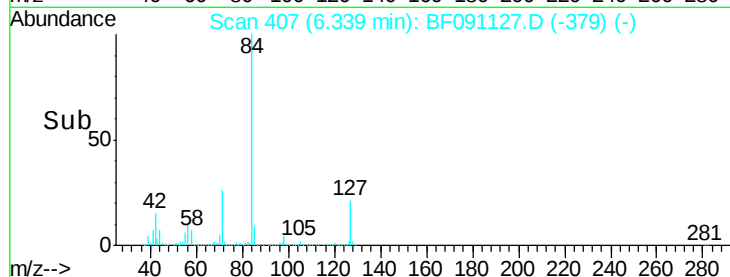
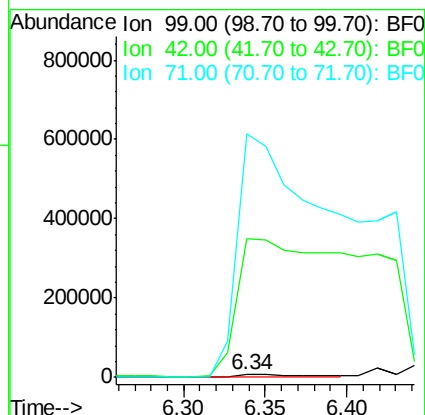
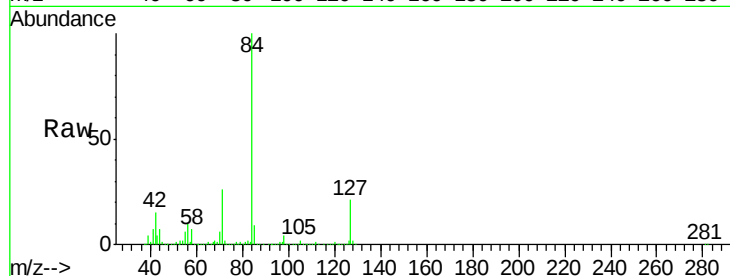
Tgt Ion: 99 Resp: 21702

Ion Ratio Lower Upper

99 100

42 4924.2 13.9 20.9#

71 8682.9 27.8 41.8#



#8

2-Chlorophenol

Concen: 17.64 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.11 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

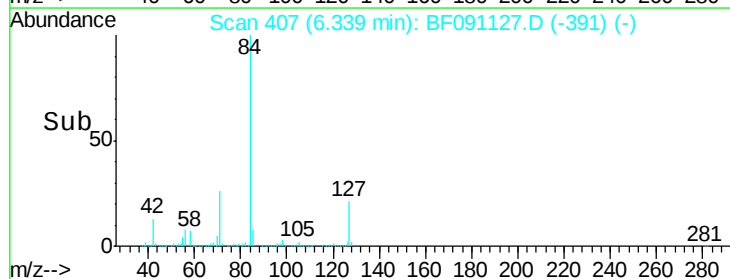
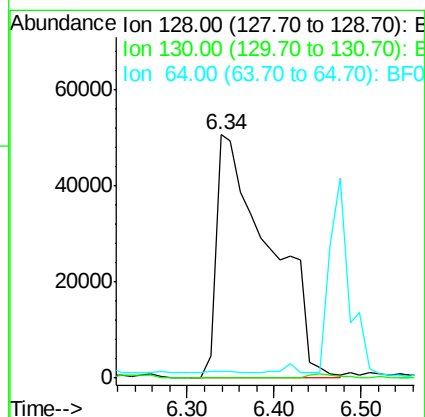
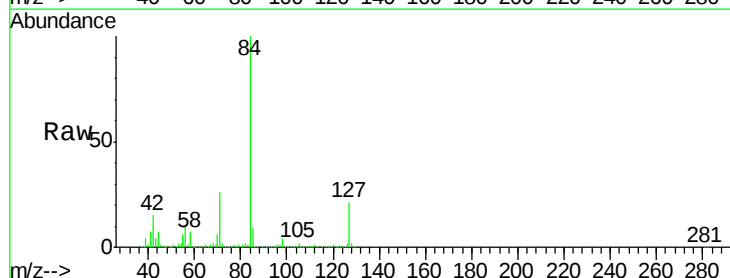
Tgt Ion: 128 Resp: 216288

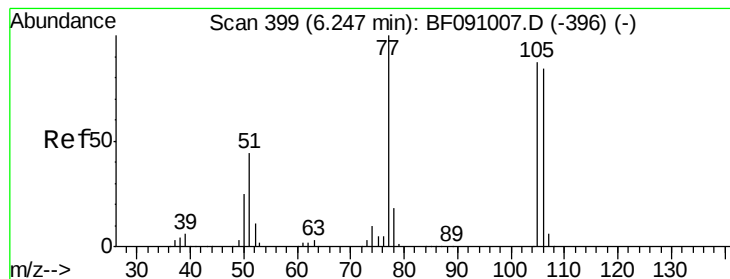
Ion Ratio Lower Upper

128 100

130 0.0 12.0 52.0#

64 3.0 37.2 77.2#





#9

Benzaldehyde

Concen: 18.93 ng

RT: 6.18 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

Instrument :

BNA_F

ClientSampled :

UST

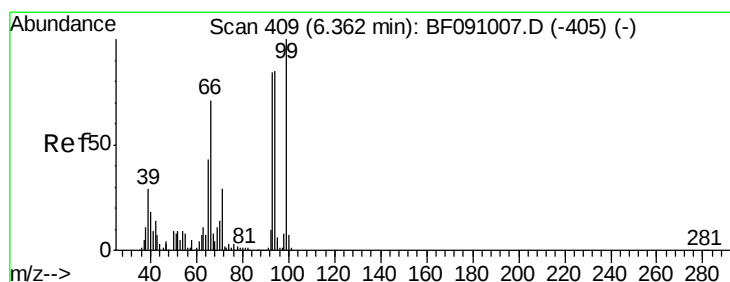
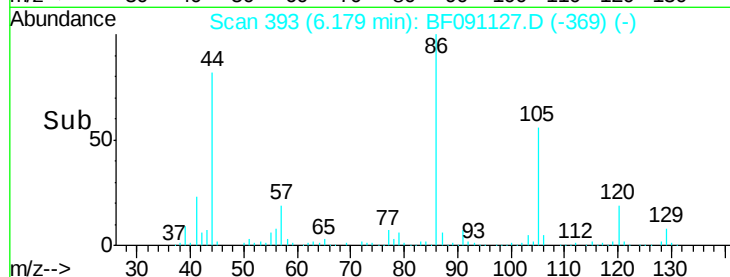
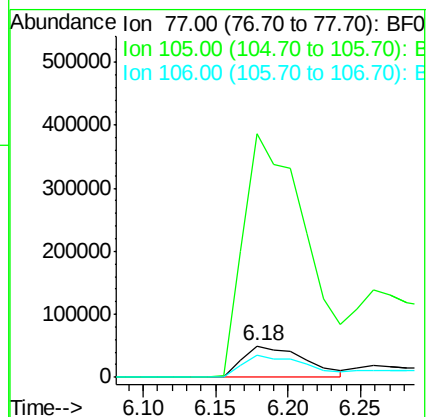
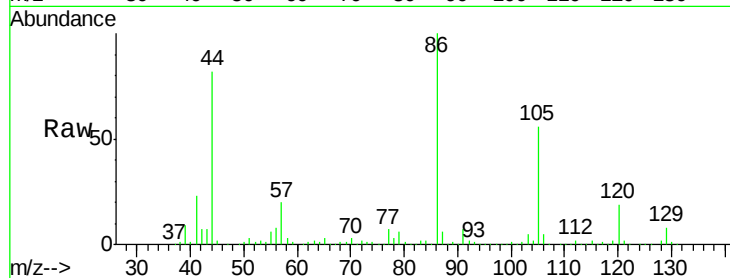
Tgt Ion: 77 Resp: 146549

Ion Ratio Lower Upper

77 100

105 780.0 66.8 106.8#

106 69.7 64.0 104.0



#10

Phenol

Concen: 2.15 ng

RT: 6.35 min Scan# 408

Delta R.T. 0.02 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

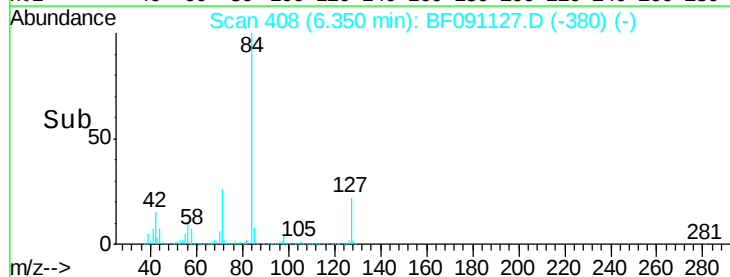
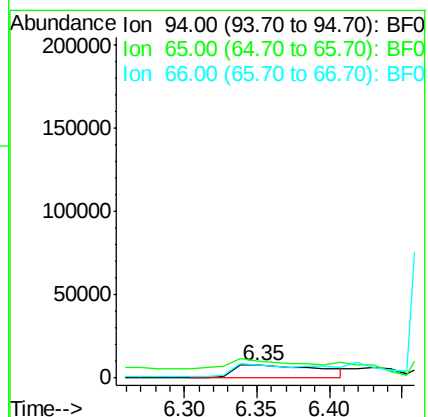
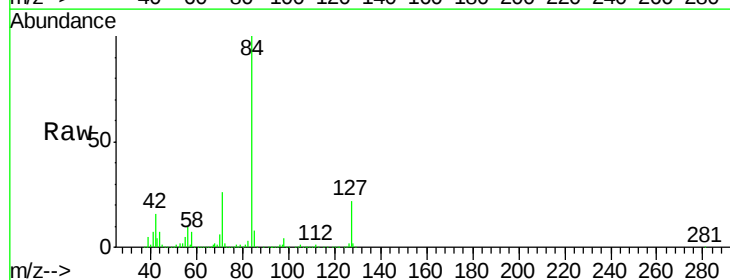
Tgt Ion: 94 Resp: 33137

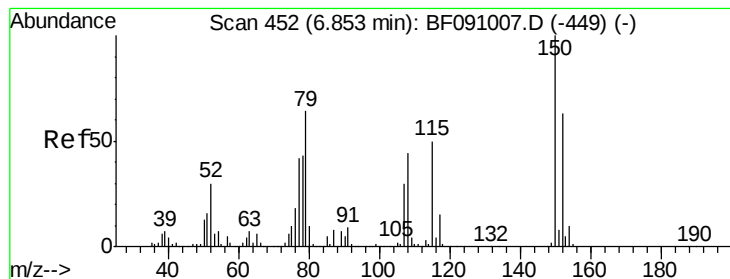
Ion Ratio Lower Upper

94 100

65 128.1 30.4 70.4#

66 99.2 62.9 102.9





#15

Benzyl Alcohol

Concen: 2.57 ng

RT: 6.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

Instrument :

BNA_F

ClientSampleId :

UST

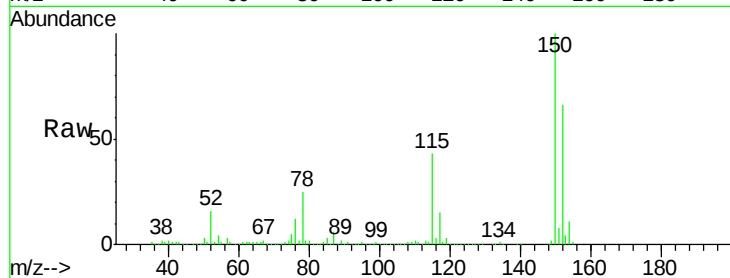
Tgt Ion: 79 Resp: 25254

Ion Ratio Lower Upper

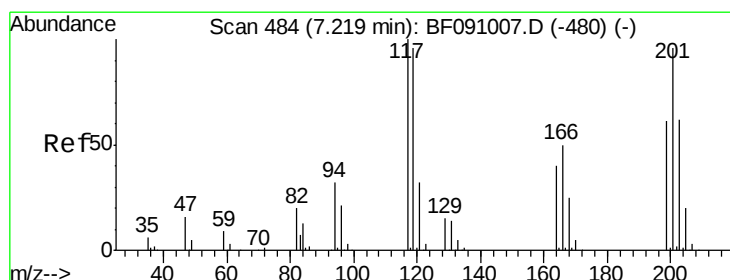
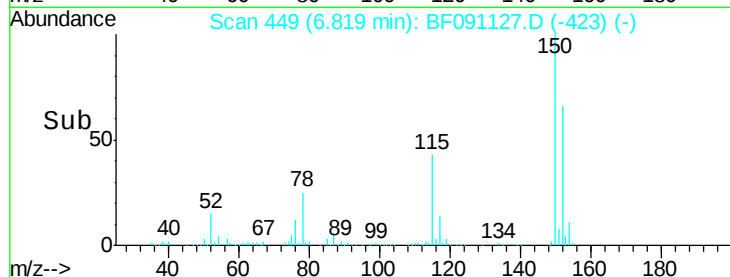
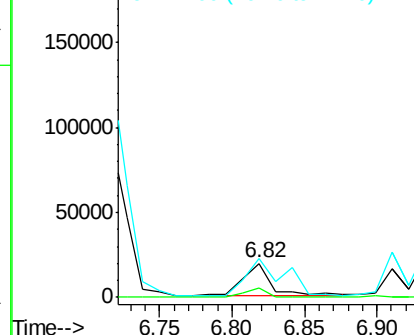
79 100

108 27.9 55.7 83.5#

77 112.9 52.6 79.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): B
Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 13.47 ng

RT: 7.15 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

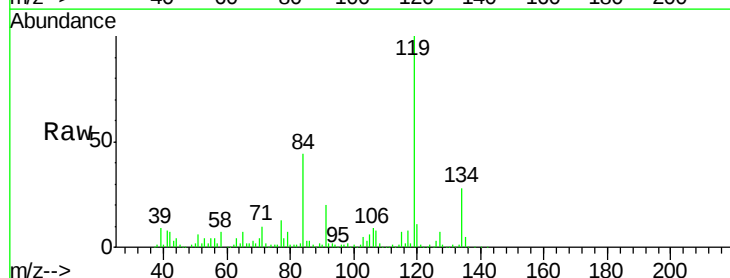
Tgt Ion: 117 Resp: 69352

Ion Ratio Lower Upper

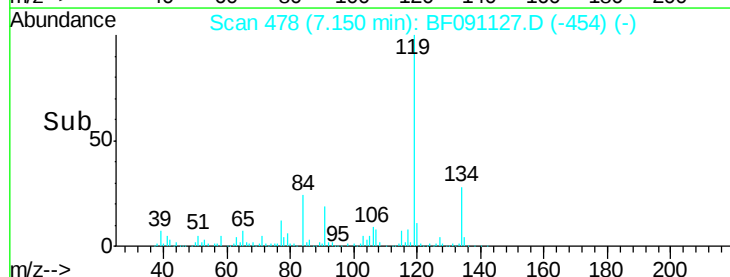
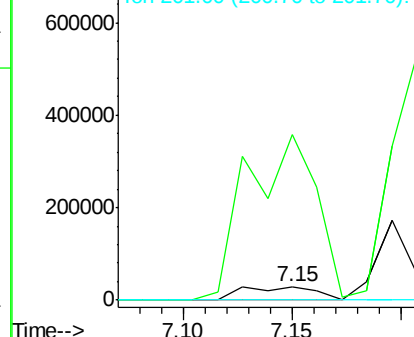
117 100

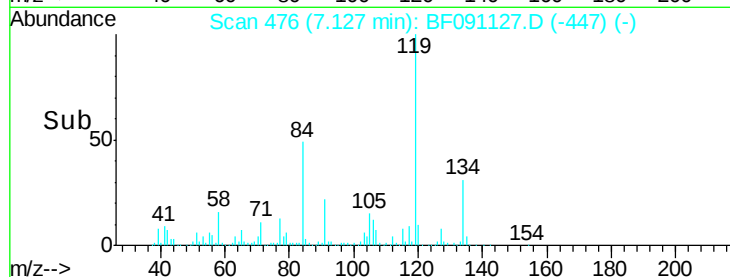
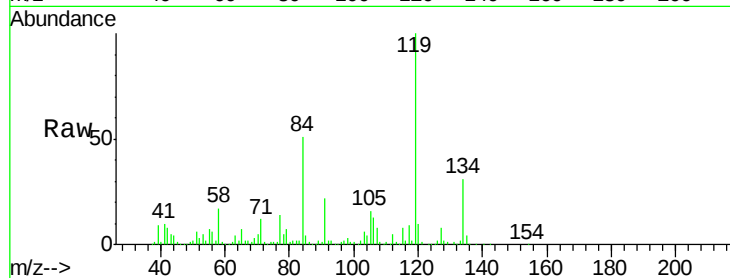
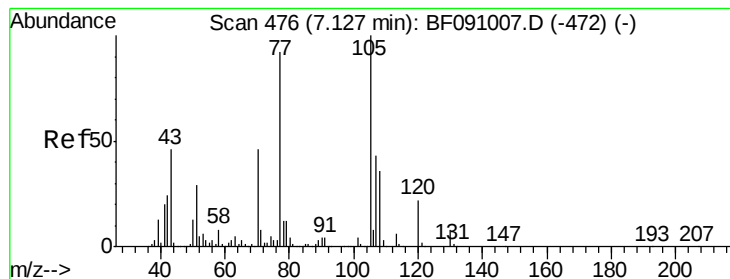
119 1224.5 76.6 115.0#

201 0.0 77.1 115.7#



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





#19

n-Nitroso-di-n-propylamine

Concen: 2.30 ng

RT: 7.13 min Scan# 476

Delta R.T. 0.03 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

Instrument :

BNA_F

ClientSampleId :

UST

Tgt Ion: 70 Resp: 22245

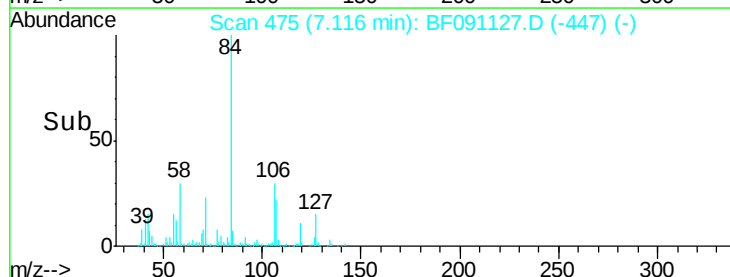
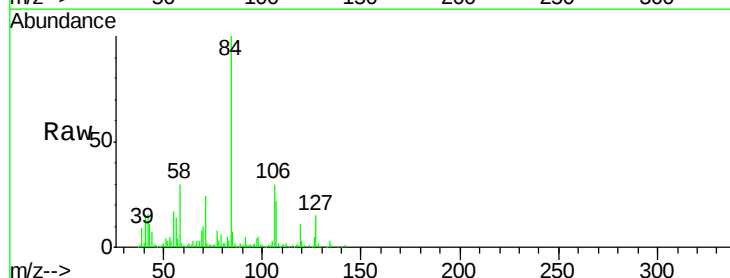
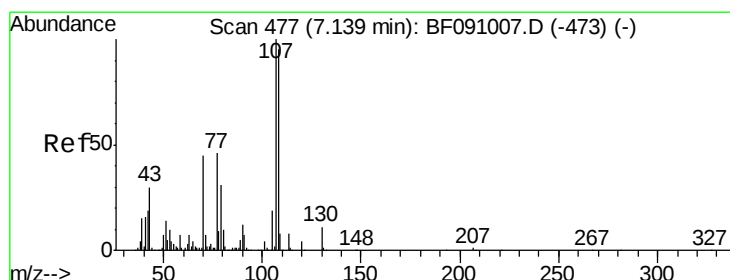
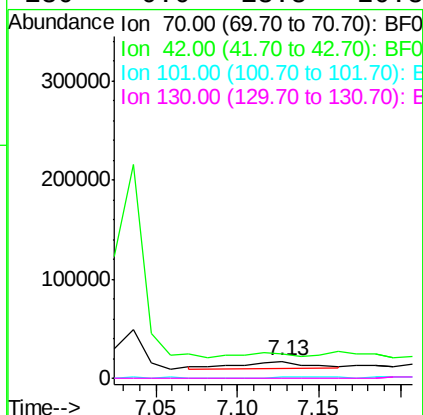
Ion Ratio Lower Upper

70 100

42 143.4 41.7 62.5#

101 5.9 6.7 10.1#

130 0.0 13.8 20.8#



#20

3+4-Methylphenols

Concen: 6.08 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.02 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

Tgt Ion: 107 Resp: 70848

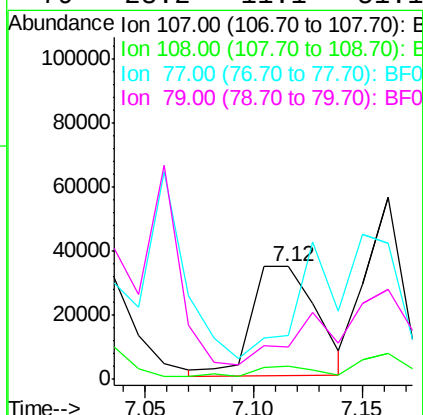
Ion Ratio Lower Upper

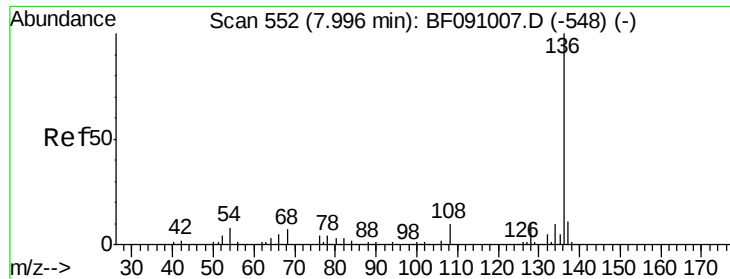
107 100

108 11.2 75.5 115.5#

77 38.2 26.4 66.4

79 28.2 11.1 51.1

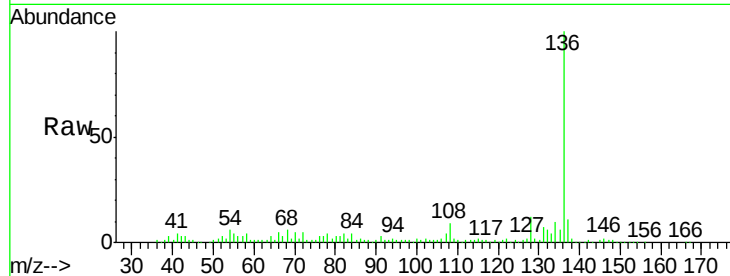




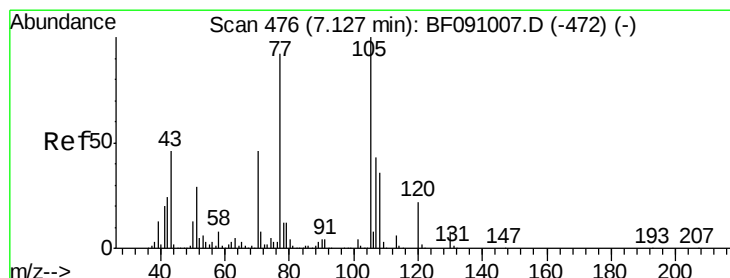
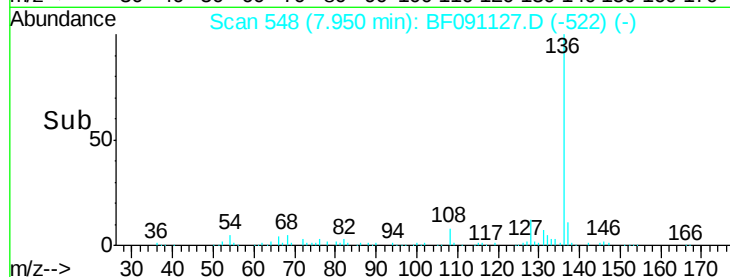
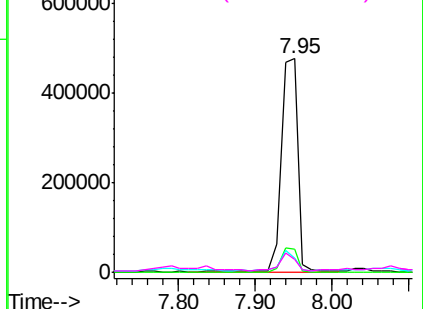
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF091127.D
Acq: 9 Nov 2016 16:40

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Tgt Ion:	136	Resp:	719338
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.5	6.2	9.2
68	6.2	5.5	8.3

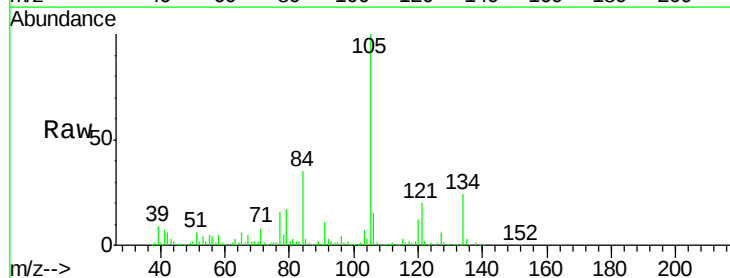


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

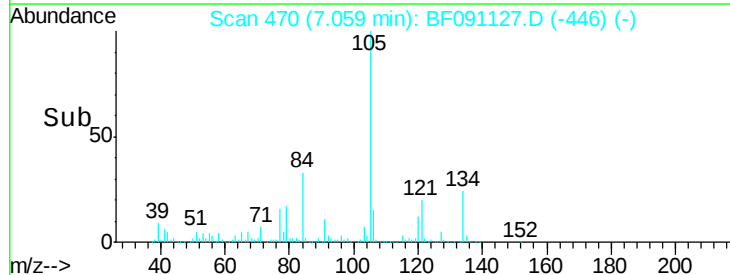
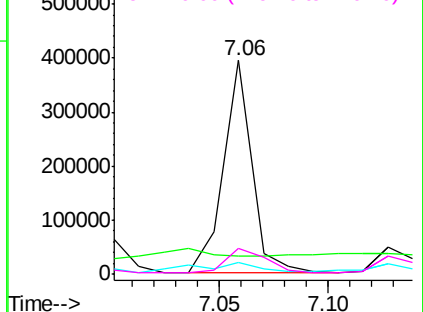


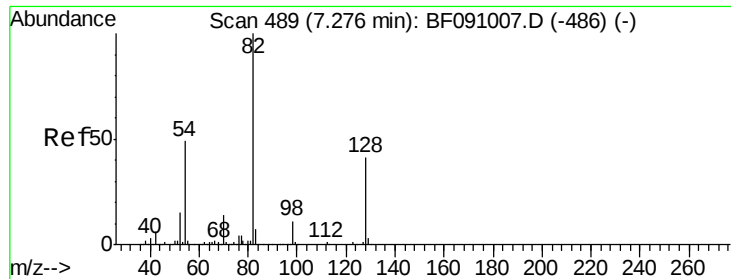
#22
Acetophenone
Concen: 21.61 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF091127.D
Acq: 9 Nov 2016 16:40

Tgt Ion:	105	Resp:	357966
Ion	Ratio	Lower	Upper
105	100		
71	8.1	6.2	9.2
51	5.6	23.3	34.9#
120	12.2	17.4	26.0#



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

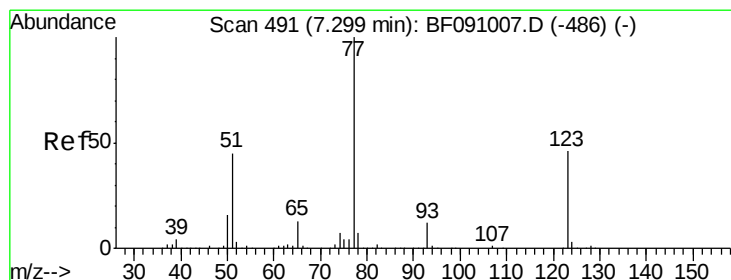
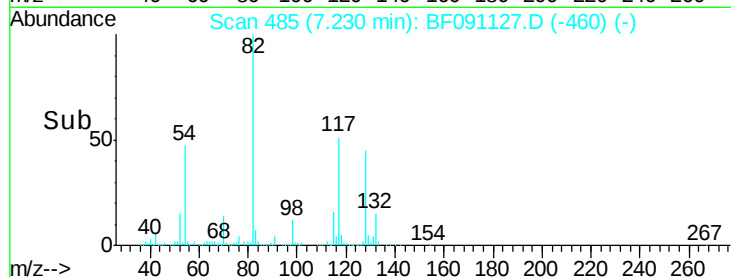
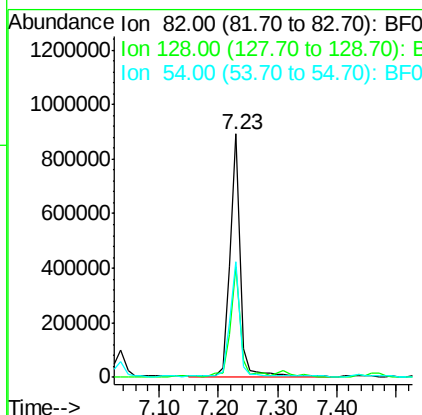
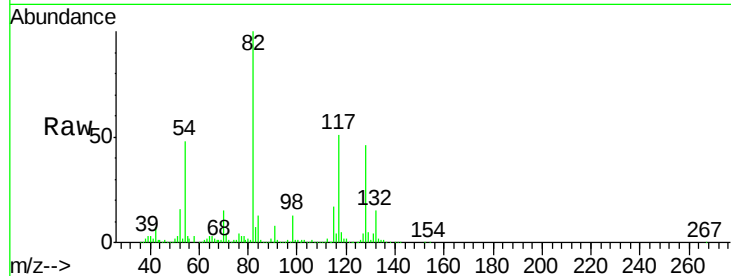




#23
 Nitrobenzene-d5
 Concen: 79.12 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF091127.D
 Acq: 9 Nov 2016 16:40

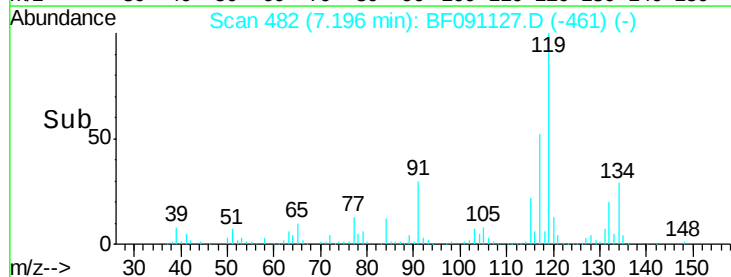
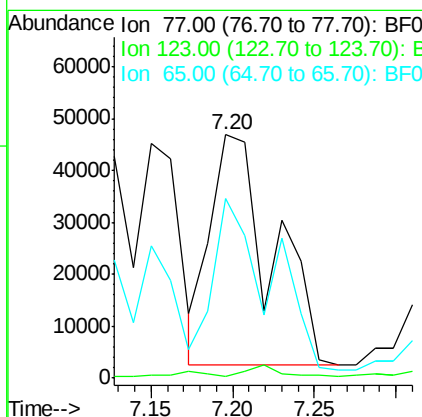
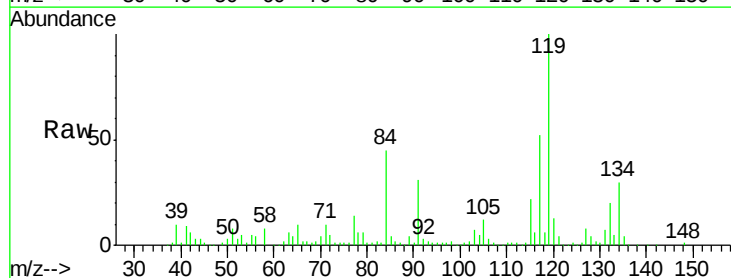
Instrument :
 BNA_F
 ClientSampled :
 UST

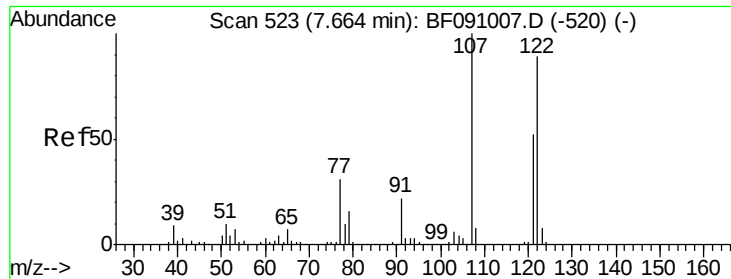
Tgt Ion: 82 Resp: 1043311
 Ion Ratio Lower Upper
 82 100
 128 45.5 32.4 48.6
 54 47.5 39.2 58.8



#24
 Nitrobenzene
 Concen: 8.03 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.06 min
 Lab File: BF091127.D
 Acq: 9 Nov 2016 16:40

Tgt Ion: 77 Resp: 116882
 Ion Ratio Lower Upper
 77 100
 123 0.8 36.5 54.7#
 65 73.9 10.7 16.1#

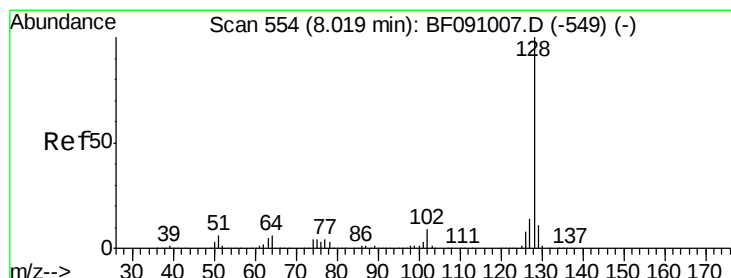
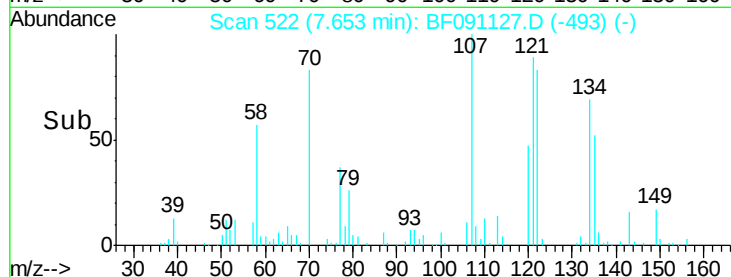
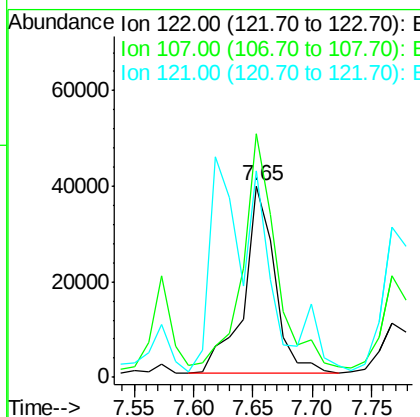
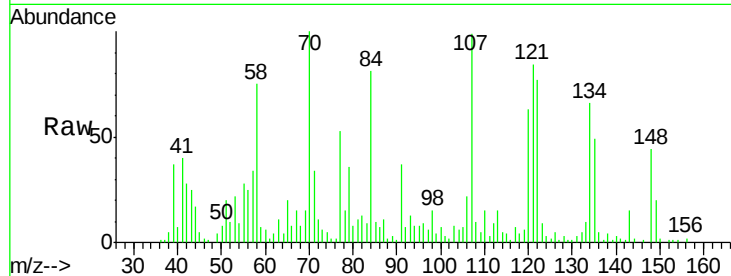




#27
2,4-Dimethylphenol
Concen: 7.09 ng
RT: 7.65 min Scan# 522
Delta R.T. 0.03 min
Lab File: BF091127.D
Acq: 9 Nov 2016 16:40

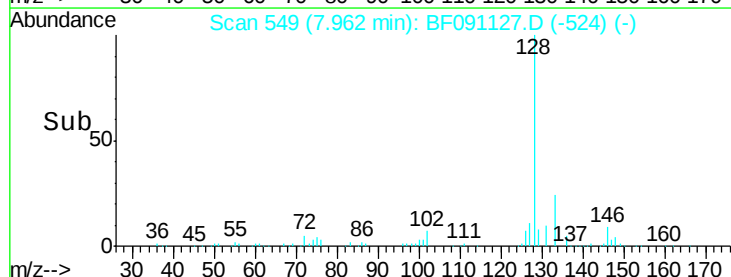
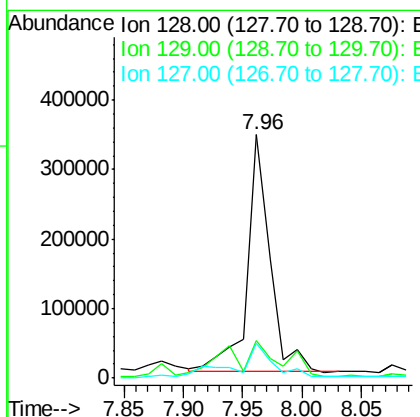
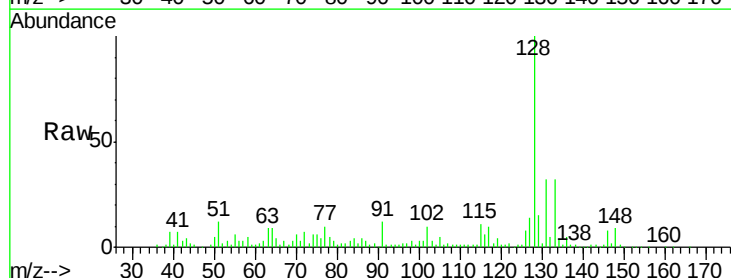
Instrument :
BNA_F
ClientSampleId :
UST

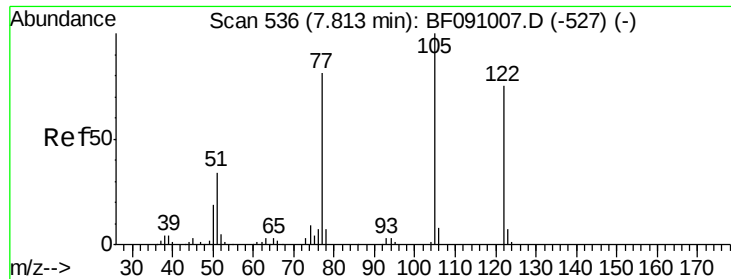
Tgt Ion:122 Resp: 72213
Ion Ratio Lower Upper
122 100
107 127.3 89.6 134.4
121 108.0 46.3 69.5#



#31
Naphthalene
Concen: 13.25 ng
RT: 7.96 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF091127.D
Acq: 9 Nov 2016 16:40

Tgt Ion:128 Resp: 455670
Ion Ratio Lower Upper
128 100
129 15.4 9.0 13.6#
127 14.1 10.9 16.3





#32

Benzoic acid

Concen: 12.50 ng

RT: 7.79 min Scan# 534

Delta R.T. 0.01 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

Instrument :

BNA_F

ClientSampleId :

UST

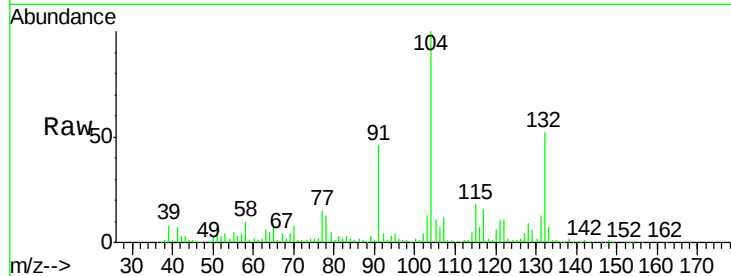
Tgt Ion:122 Resp: 65995

Ion Ratio Lower Upper

122 100

105 99.7 105.9 145.9#

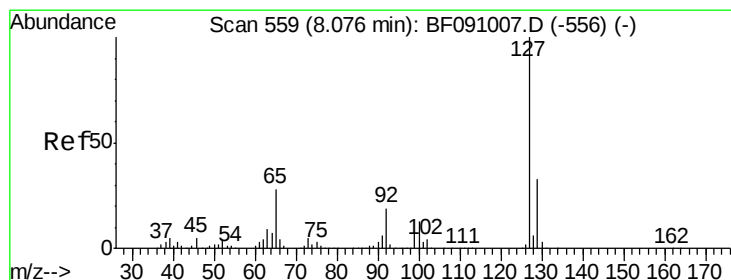
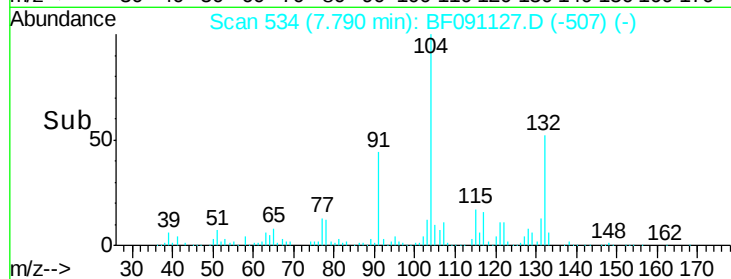
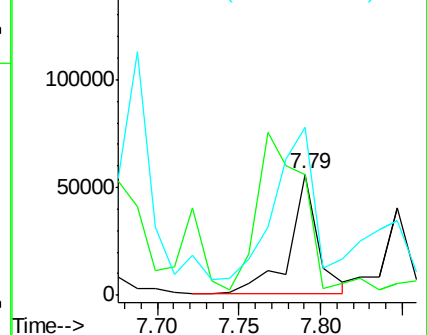
77 139.0 84.0 124.0#



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: 7.49 ng

RT: 7.96 min Scan# 549

Delta R.T. -0.07 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

Tgt Ion:127 Resp: 107168

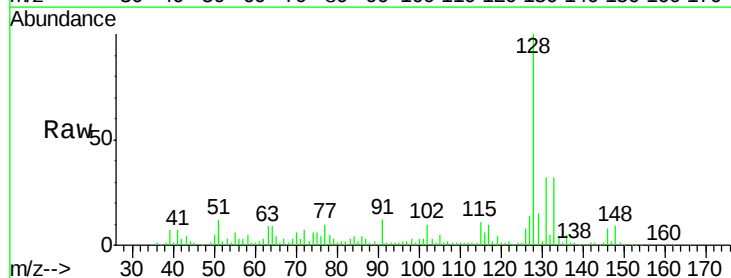
Ion Ratio Lower Upper

127 100

129 109.3 26.6 39.8#

65 27.9 22.2 33.2

92 9.4 15.0 22.4#

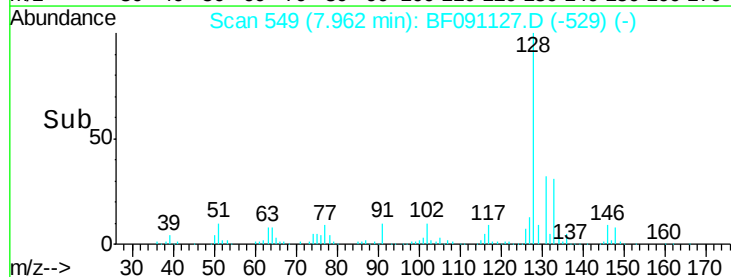
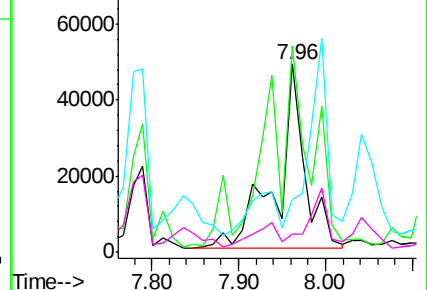


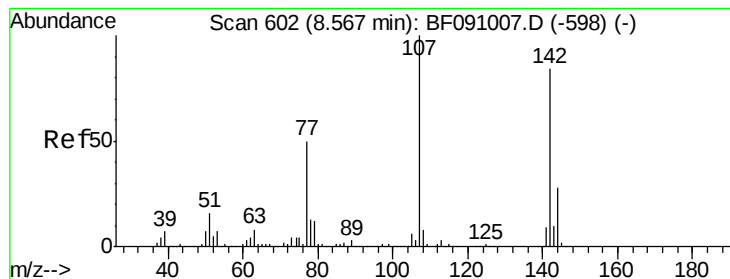
Abundance Ion 127.00 (126.70 to 127.70): E

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





#36

4-Chloro-3-methylphenol

Concen: 4.41 ng

RT: 8.46 min Scan# 593

Delta R.T. -0.06 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

Instrument :

BNA_F

ClientSampleId :

UST

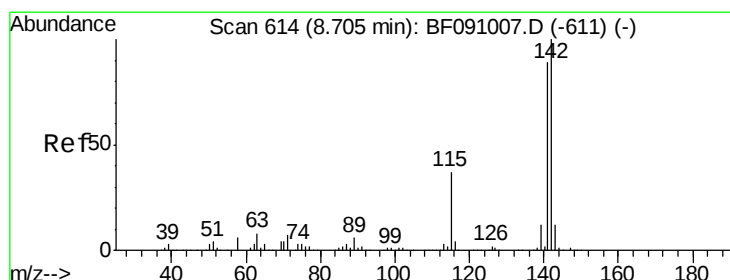
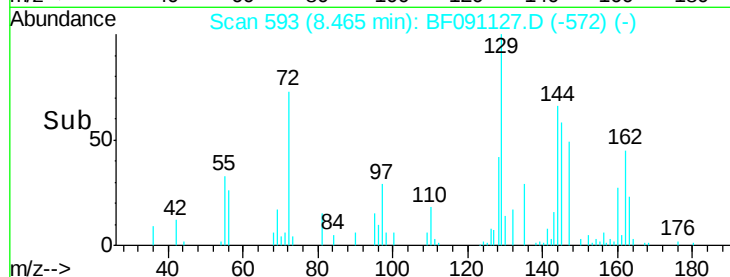
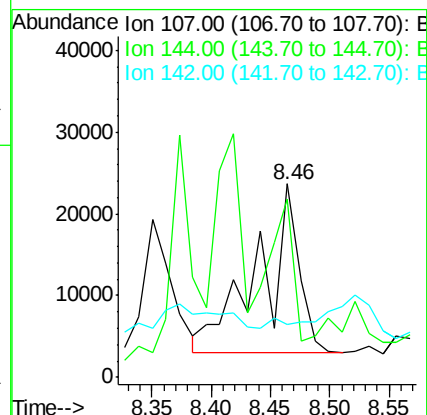
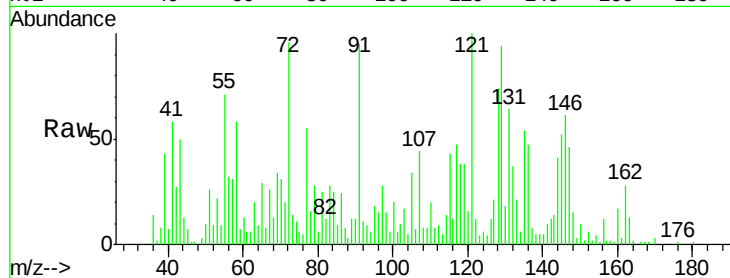
Tgt Ion:107 Resp: 47491

Ion Ratio Lower Upper

107 100

144 92.2 22.5 33.7#

142 27.3 67.4 101.2#



#37

2-Methylnaphthalene

Concen: 91.21 ng

RT: 8.67 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

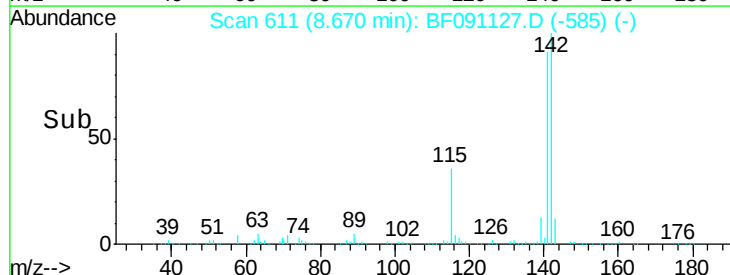
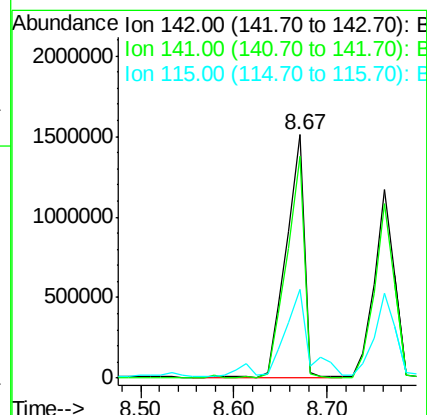
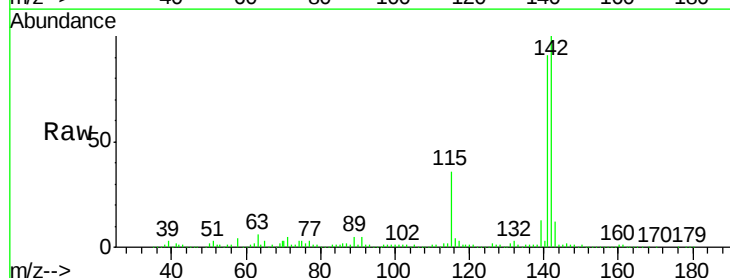
Tgt Ion:142 Resp: 2017127

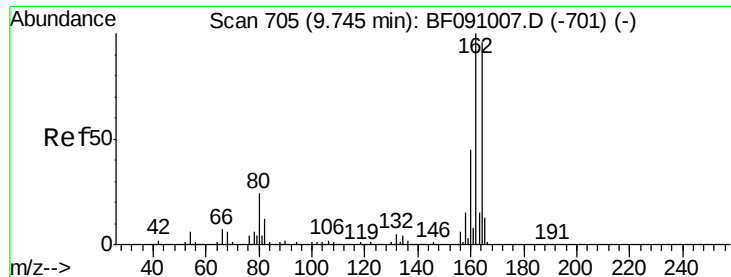
Ion Ratio Lower Upper

142 100

141 91.0 71.3 106.9

115 36.3 29.9 44.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

Instrument :

BNA_F

ClientSampleId :

UST

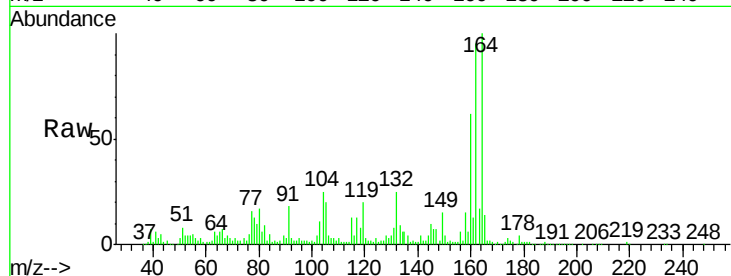
Tgt Ion:164 Resp: 617156

Ion Ratio Lower Upper

164 100

162 94.6 83.6 125.4

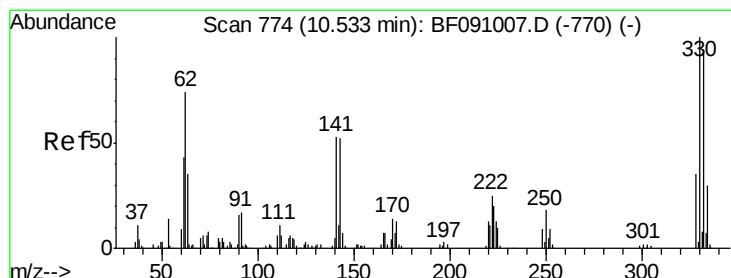
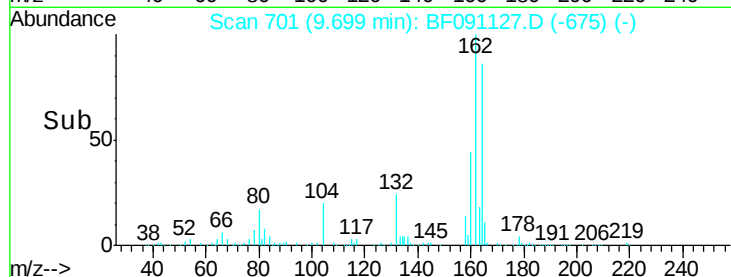
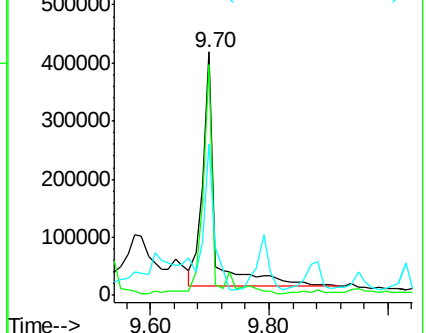
160 62.1 37.9 56.9#



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: 88.49 ng

RT: 10.50 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

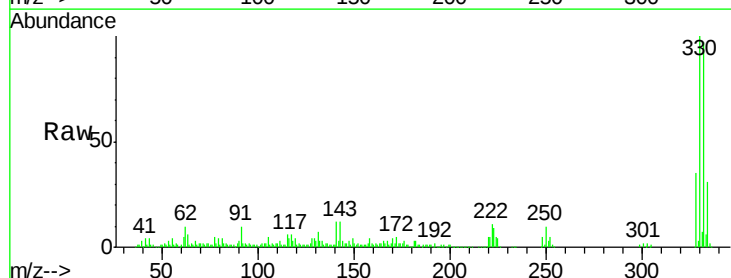
Tgt Ion:330 Resp: 493743

Ion Ratio Lower Upper

330 100

332 95.7 75.9 113.9

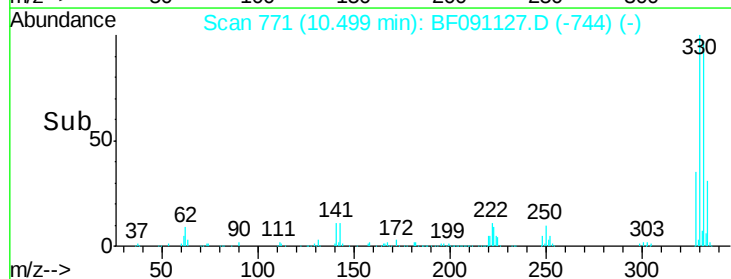
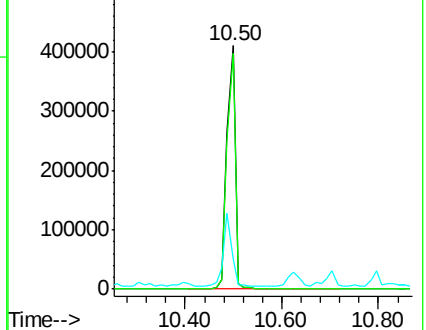
141 30.3 36.1 54.1#

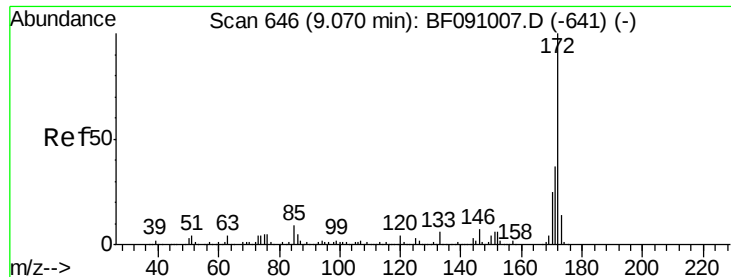


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

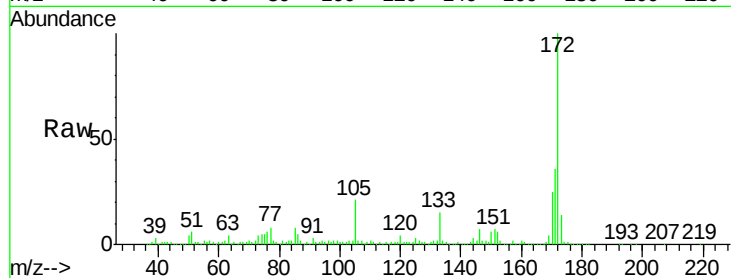




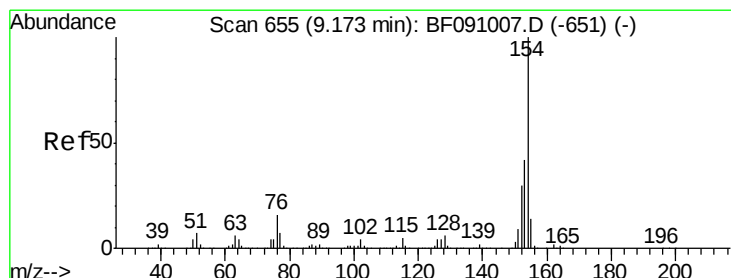
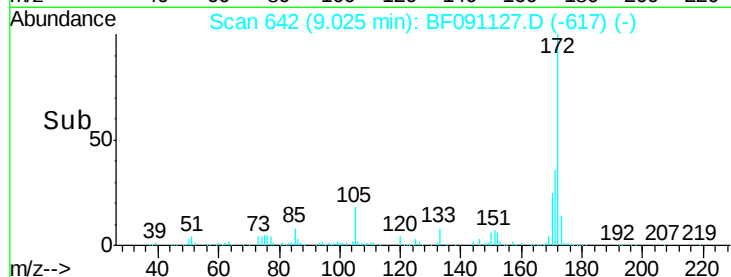
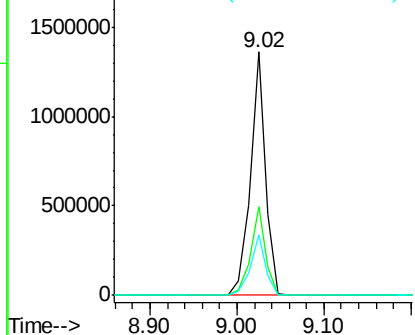
#44
 2-Fluorobiphenyl
 Concen: 46.48 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091127.D
 Acq: 9 Nov 2016 16:40

Instrument :
 BNA_F
 ClientSampleId :
 UST

Tgt Ion:172 Resp: 1666032
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.8 44.6
 170 25.0 20.3 30.5

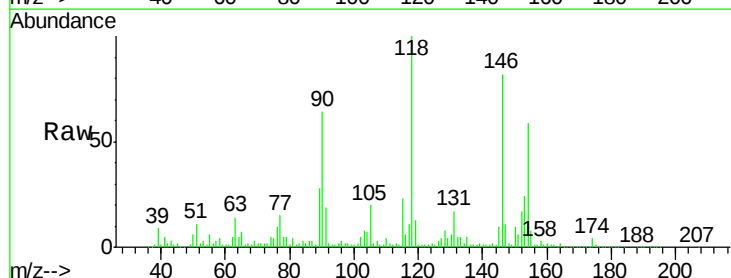


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

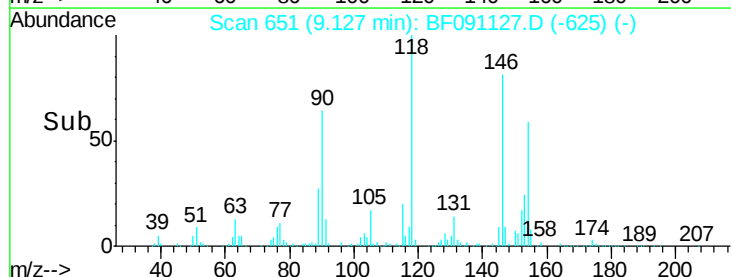
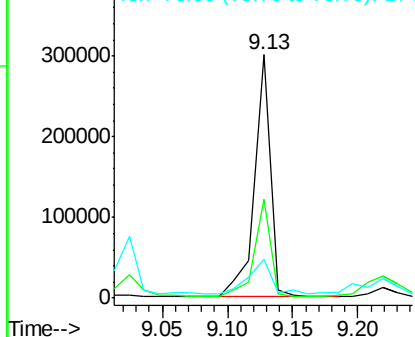


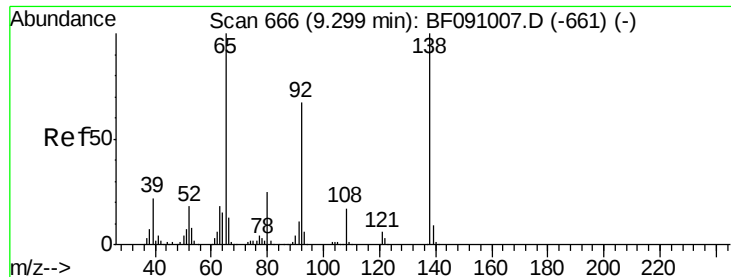
#45
 1,1'-Biphenyl
 Concen: 5.73 ng
 RT: 9.13 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF091127.D
 Acq: 9 Nov 2016 16:40

Tgt Ion:154 Resp: 258305
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.6 61.6
 76 16.2 0.0 36.2



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: 5.20 ng

RT: 9.28 min Scan# 664

Delta R.T. 0.02 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

Instrument :

BNA_F

ClientSampled :

UST

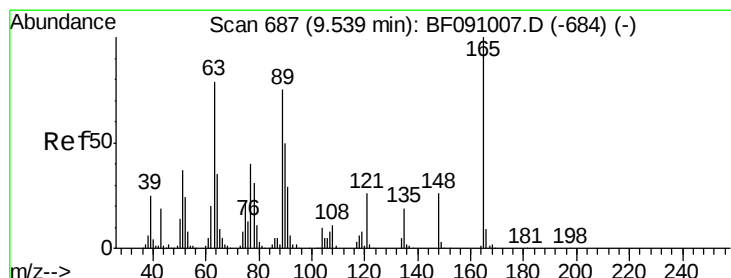
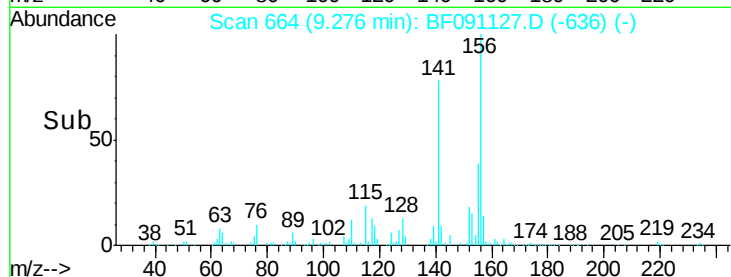
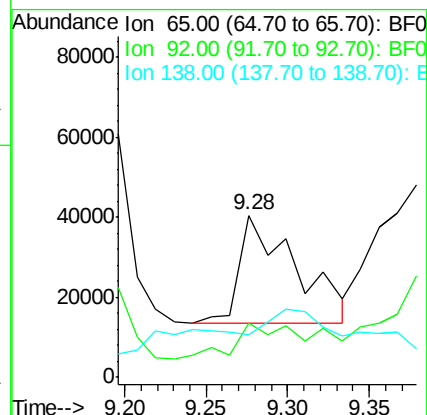
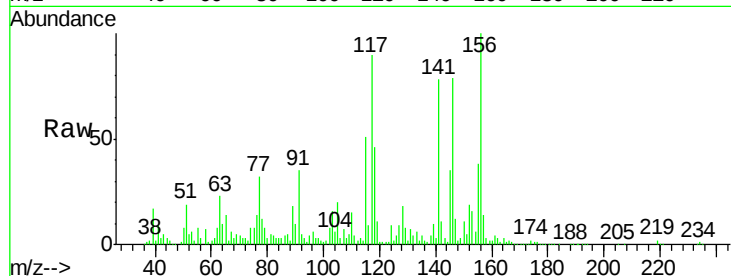
Tgt Ion: 65 Resp: 66068

Ion Ratio Lower Upper

65 100

92 33.5 53.9 80.9#

138 26.0 80.1 120.1#



#50

2,6-Dinitrotoluene

Concen: 7.77 ng

RT: 9.46 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

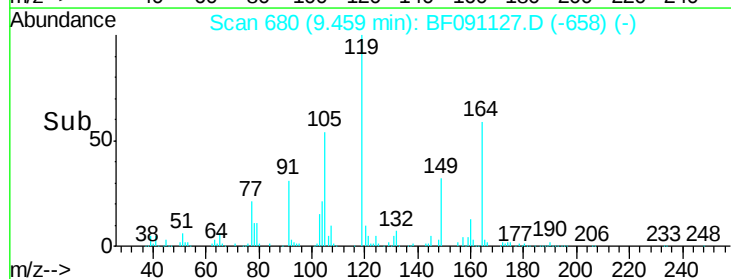
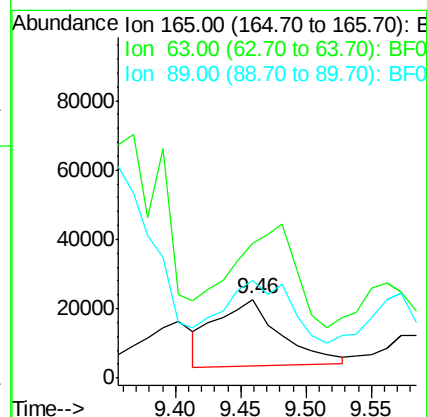
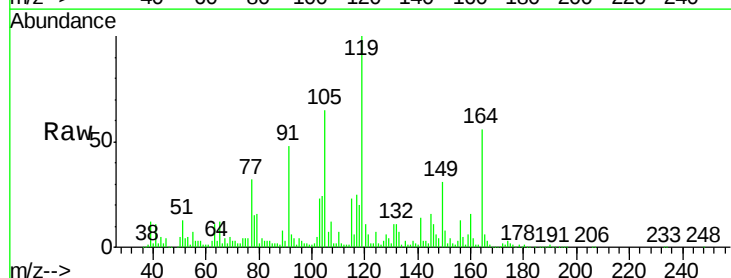
Tgt Ion: 165 Resp: 67385

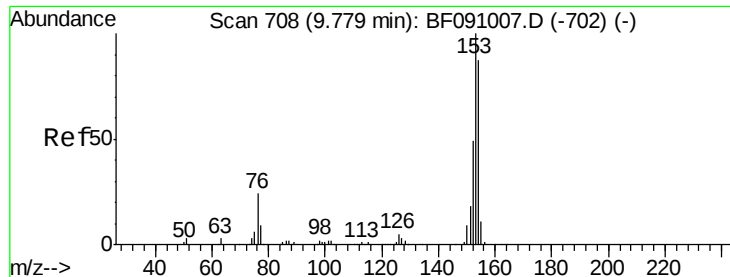
Ion Ratio Lower Upper

165 100

63 170.9 65.6 98.4#

89 123.1 59.8 89.6#





#51

Acenaphthene

Concen: 3.04 ng

RT: 9.72 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

Instrument :

BNA_F

ClientSampleId :

UST

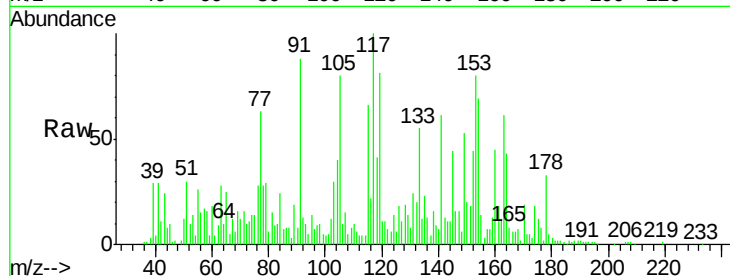
Tgt Ion:154 Resp: 101840

Ion Ratio Lower Upper

154 100

153 116.7 91.6 137.4

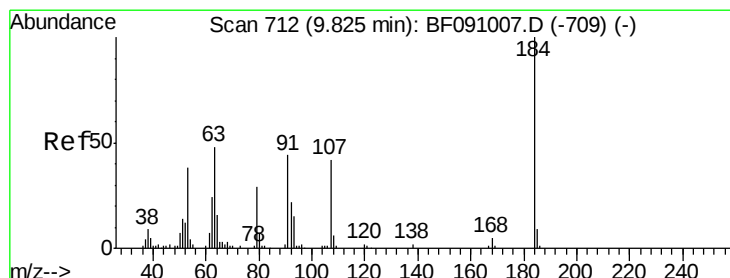
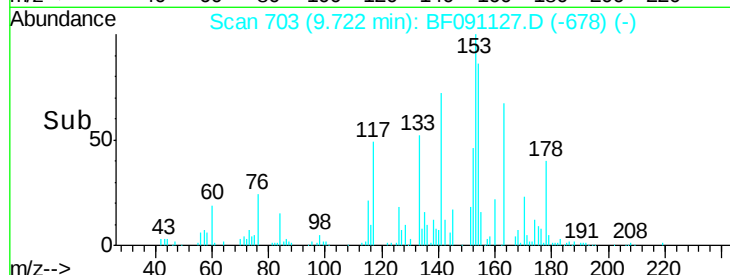
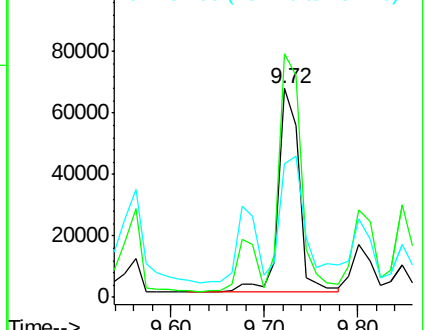
152 63.8 44.6 67.0



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



#53

2,4-Dinitrophenol

Concen: 6.50 ng

RT: 9.74 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

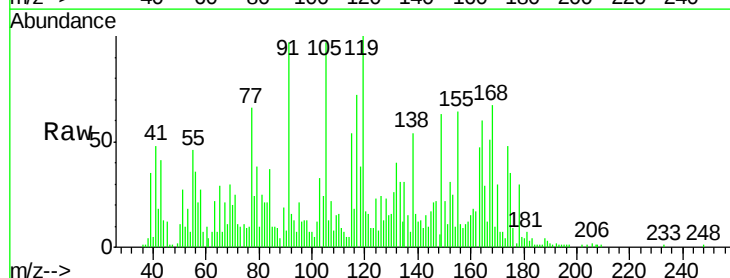
Tgt Ion:184 Resp: 1253

Ion Ratio Lower Upper

184 100

63 1513.6 45.5 68.3#

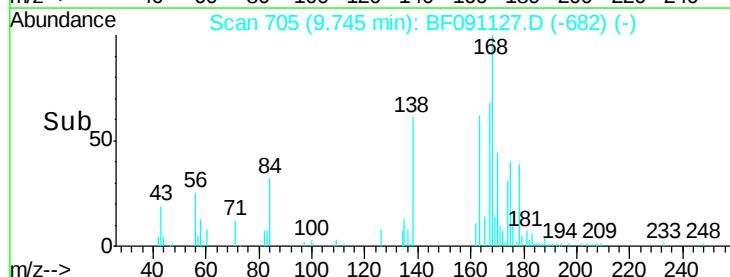
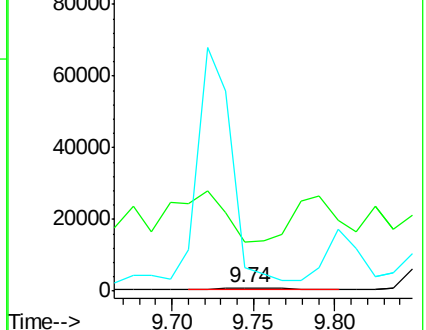
154 707.2 51.0 76.4#

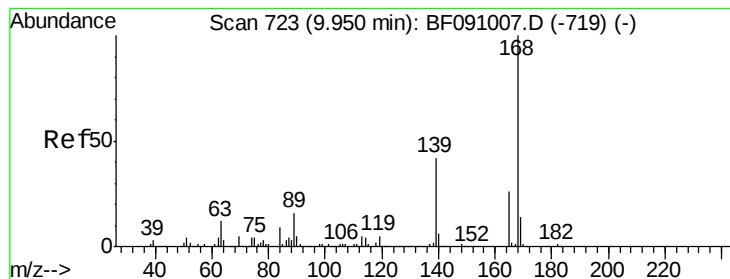


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 3.63 ng

RT: 9.90 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

Instrument :

BNA_F

ClientSampleId :

UST

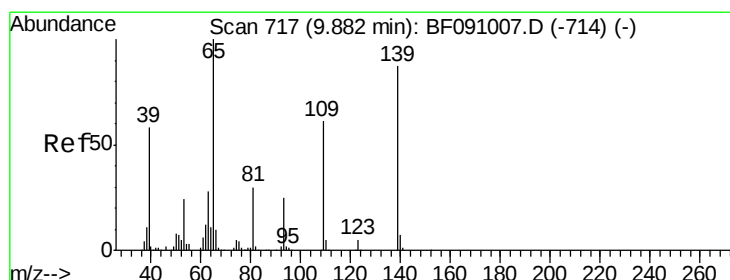
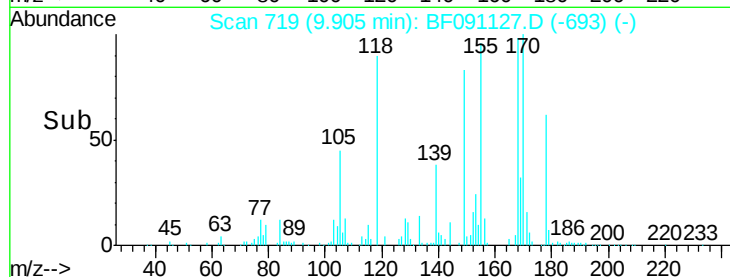
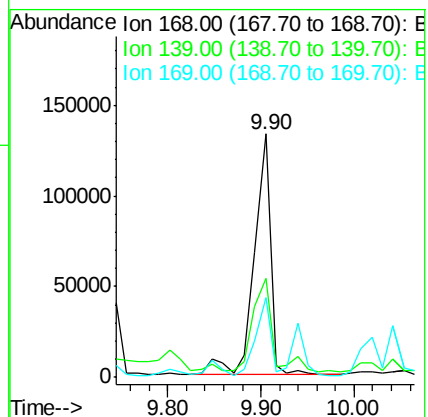
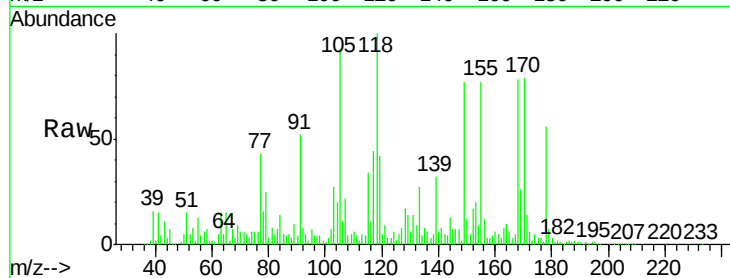
Tgt Ion:168 Resp: 163475

Ion Ratio Lower Upper

168 100

139 40.8 34.8 52.2

169 32.7 11.4 17.2#



#55

4-Nitrophenol

Concen: 8.17 ng

RT: 9.80 min Scan# 710

Delta R.T. -0.05 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

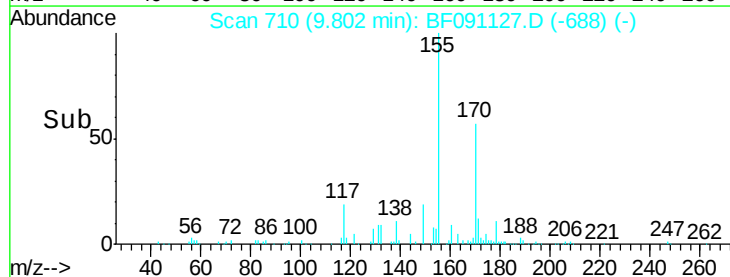
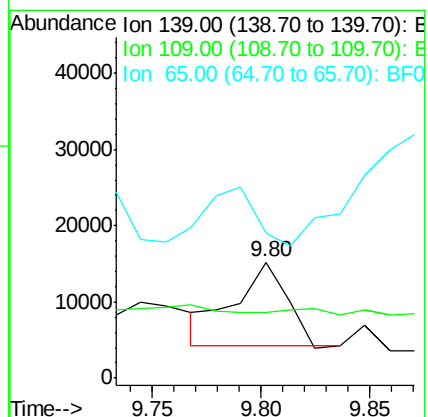
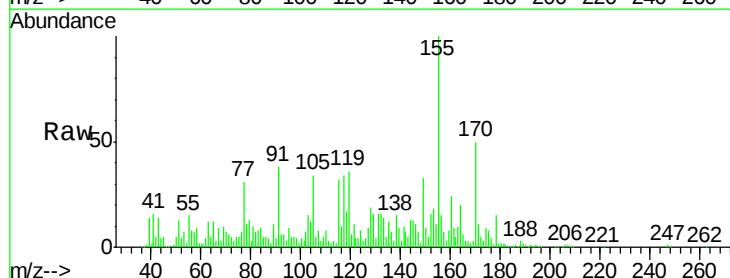
Tgt Ion:139 Resp: 18017

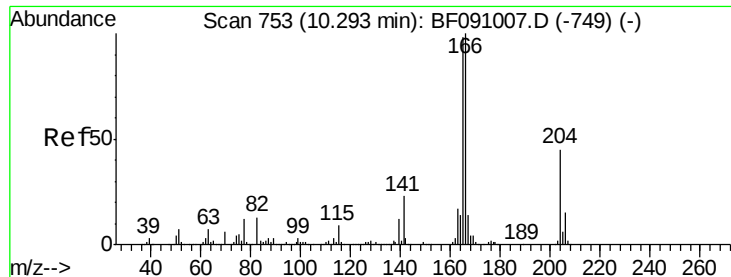
Ion Ratio Lower Upper

139 100

109 56.5 50.5 90.5

65 125.2 97.1 137.1

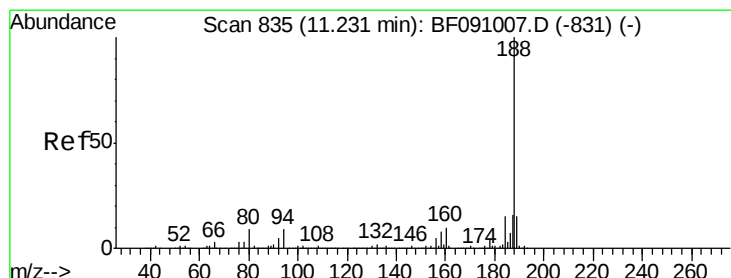
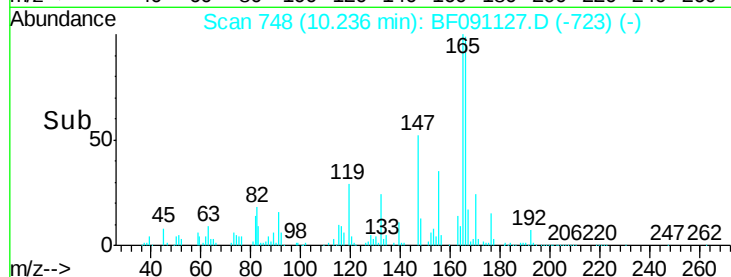
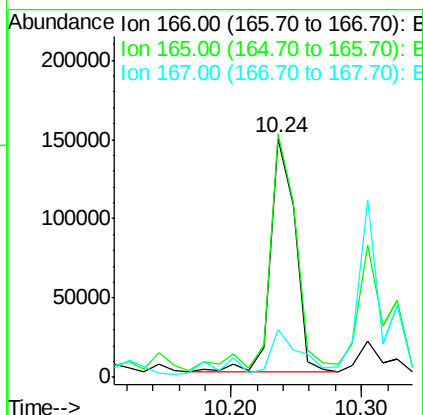
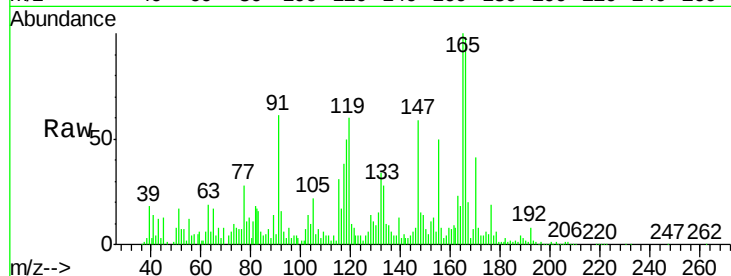




#57
Fluorene
 Concen: 5.30 ng
 RT: 10.24 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF091127.D
 Acq: 9 Nov 2016 16:40

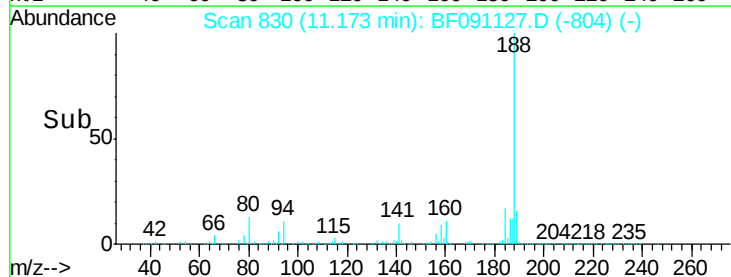
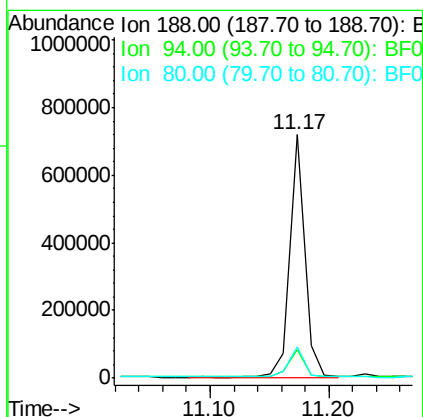
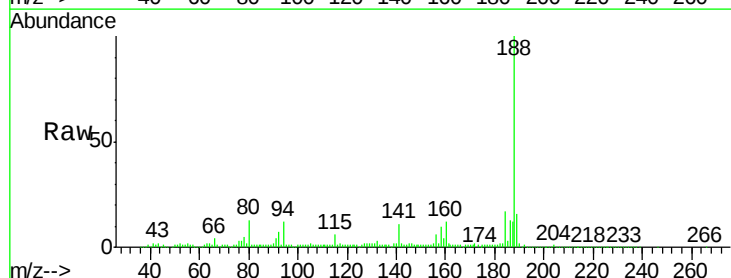
Instrument :
 BNA_F
 ClientSampleId :
 UST

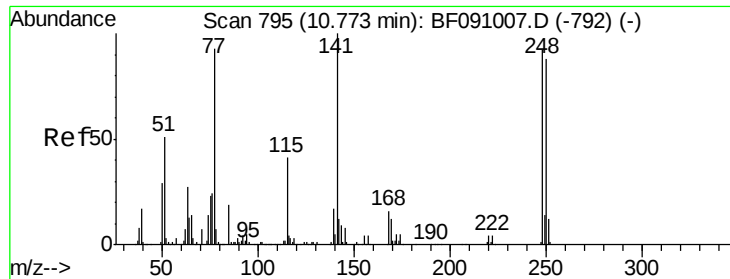
Tgt Ion:166 Resp: 195236
 Ion Ratio Lower Upper
 166 100
 165 101.8 78.6 118.0
 167 20.1 11.1 16.7#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF091127.D
 Acq: 9 Nov 2016 16:40

Tgt Ion:188 Resp: 622098
 Ion Ratio Lower Upper
 188 100
 94 11.9 7.0 10.4#
 80 13.0 7.5 11.3#

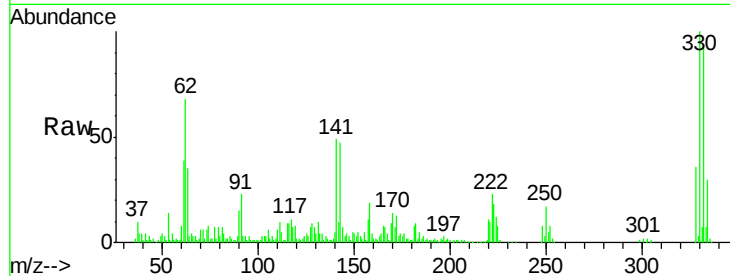




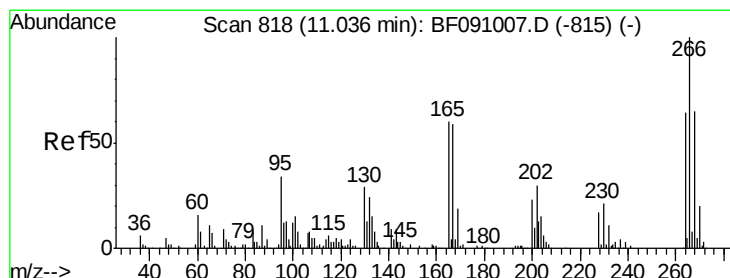
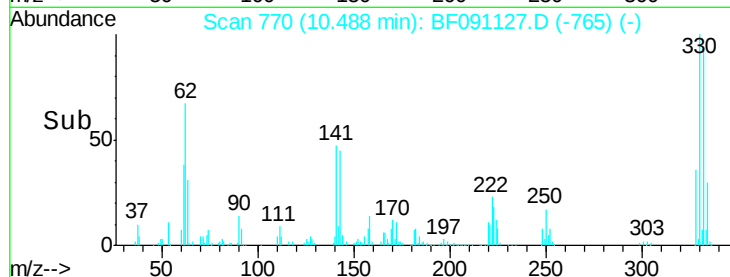
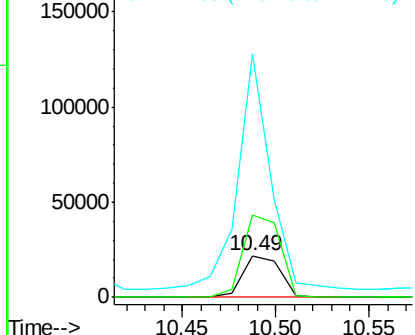
#66
4-Bromophenyl-phenylether
Concen: 4.67 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.24 min
Lab File: BF091127.D
Acq: 9 Nov 2016 16:40

Instrument :
BNA_F
ClientSampleId :
UST

Tgt Ion:248 Resp: 30201
Ion Ratio Lower Upper
248 100
250 198.6 76.3 114.5#
141 583.4 86.8 130.2#

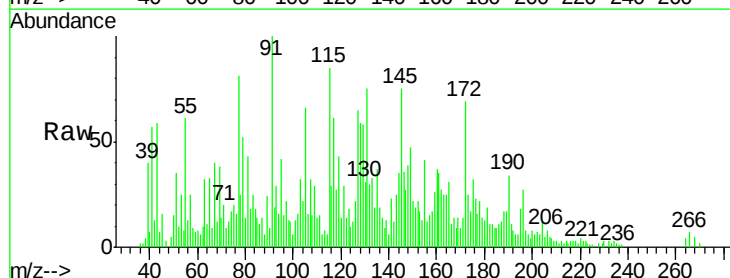


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

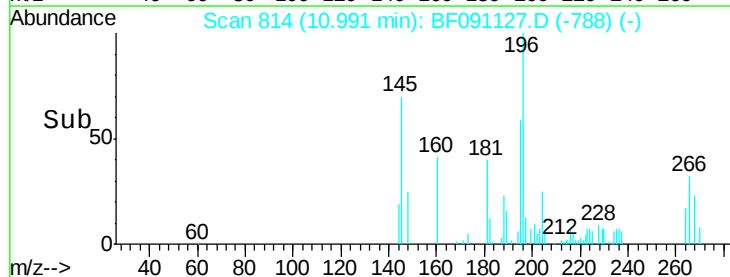
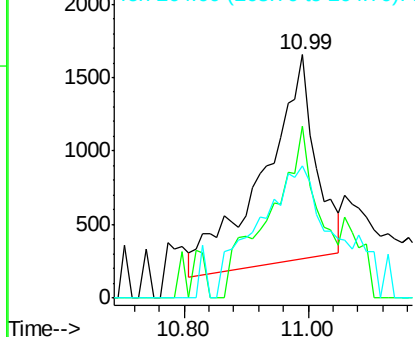


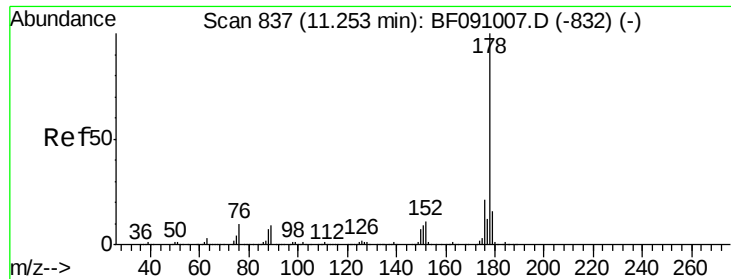
#69
Pentachlorophenol
Concen: 2.55 ng
RT: 10.99 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF091127.D
Acq: 9 Nov 2016 16:40

Tgt Ion:266 Resp: 8045
Ion Ratio Lower Upper
266 100
268 70.4 52.1 78.1
264 54.1 51.1 76.7



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

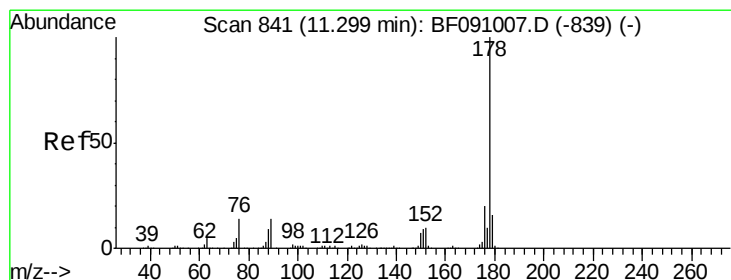
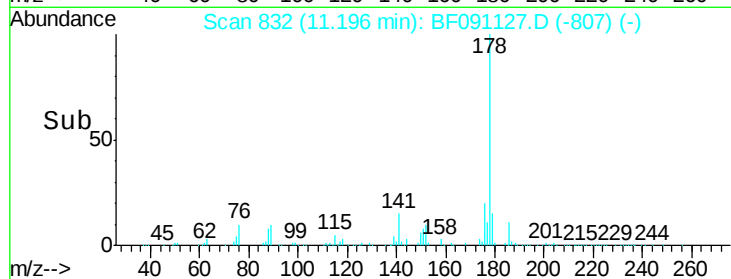
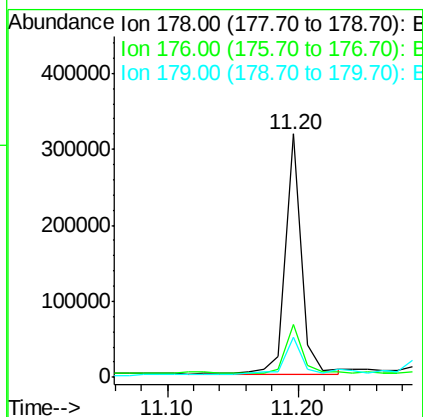
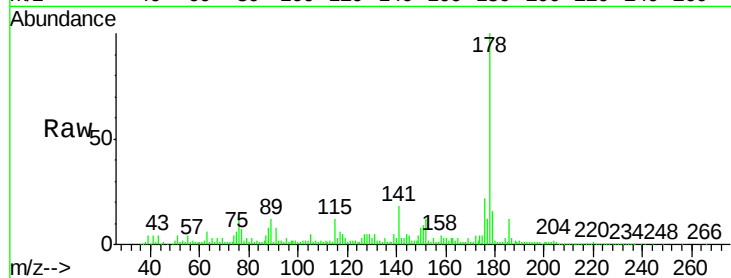




#70
Phenanthrene
Concen: 8.22 ng
RT: 11.20 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF091127.D
Acq: 9 Nov 2016 16:40

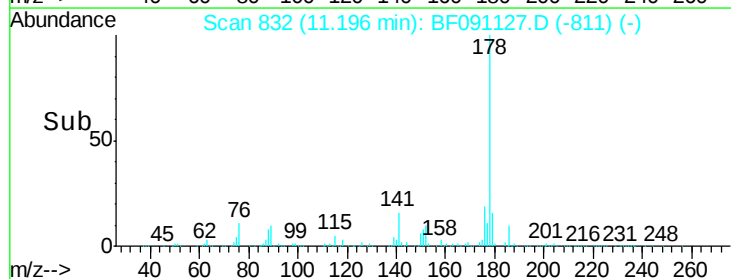
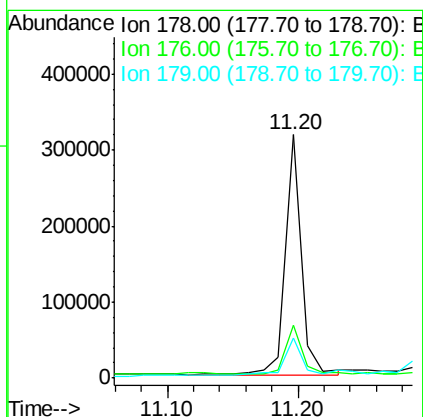
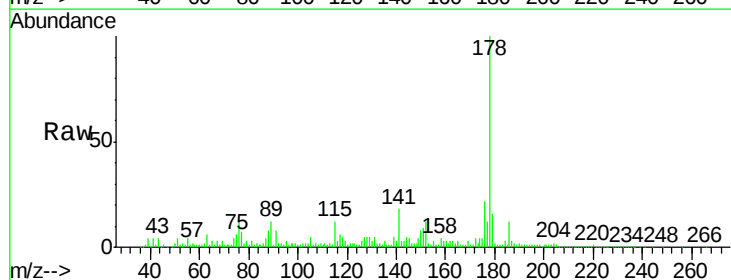
Instrument :
BNA_F
ClientSampleId :
UST

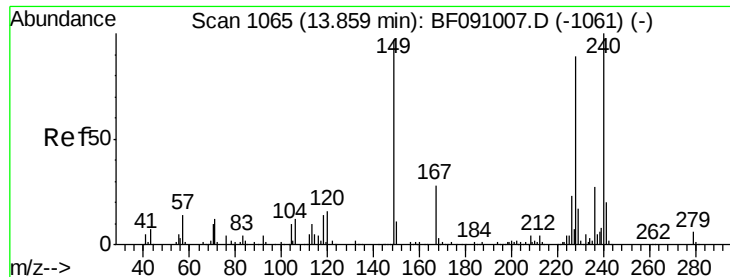
Tgt Ion:178 Resp: 271940
Ion Ratio Lower Upper
178 100
176 21.8 16.6 25.0
179 16.4 12.9 19.3



#71
Anthracene
Concen: 7.73 ng
RT: 11.20 min Scan# 832
Delta R.T. -0.06 min
Lab File: BF091127.D
Acq: 9 Nov 2016 16:40

Tgt Ion:178 Resp: 271940
Ion Ratio Lower Upper
178 100
176 21.8 16.0 24.0
179 16.4 13.0 19.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

Instrument :

BNA_F

ClientSampleId :

UST

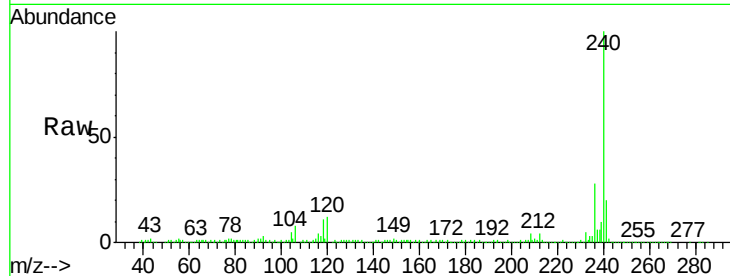
Tgt Ion:240 Resp: 405128

Ion Ratio Lower Upper

240 100

120 11.9 12.9 19.3#

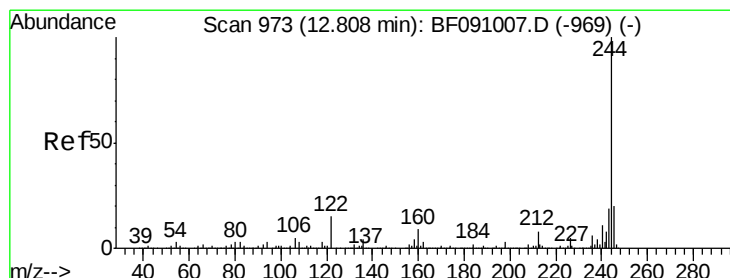
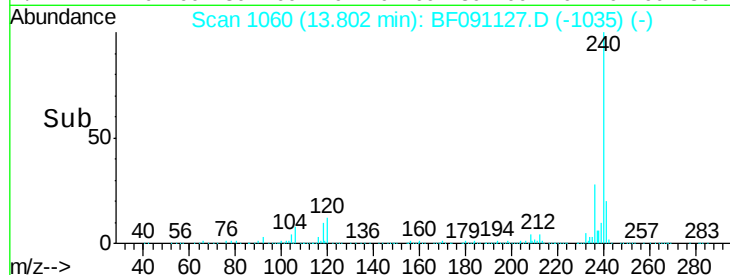
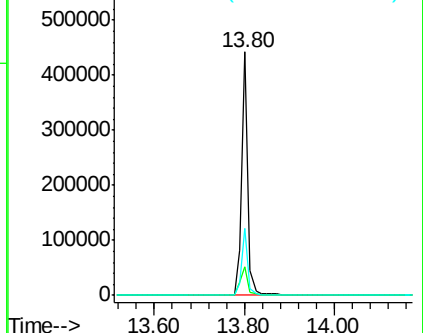
236 27.8 21.9 32.9



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: 93.58 ng

RT: 12.76 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF091127.D

Acq: 9 Nov 2016 16:40

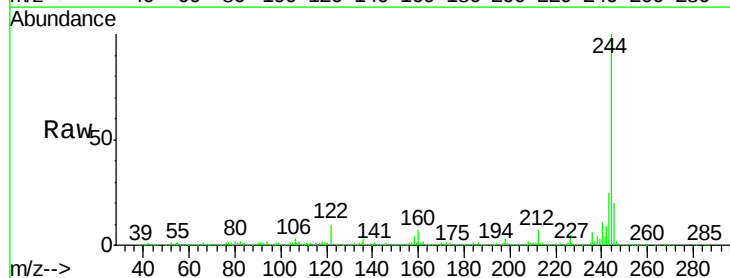
Tgt Ion:244 Resp: 1519201

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

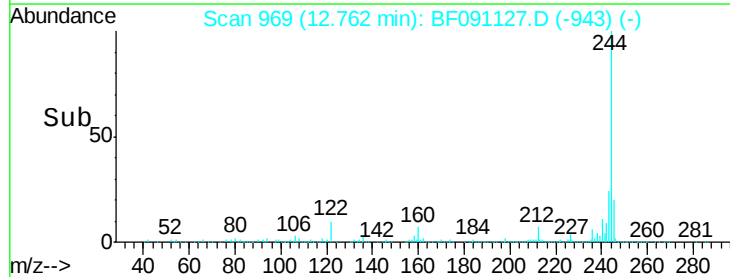
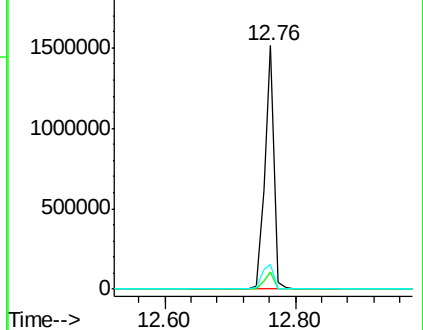
122 10.2 12.3 18.5#

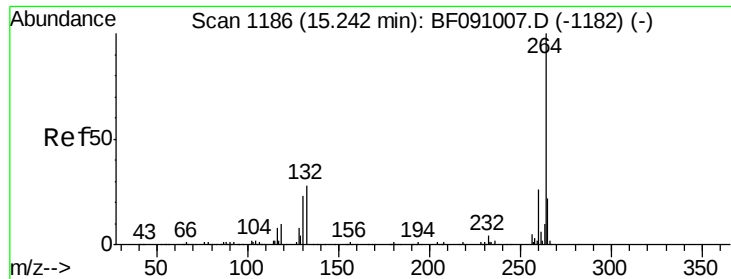


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

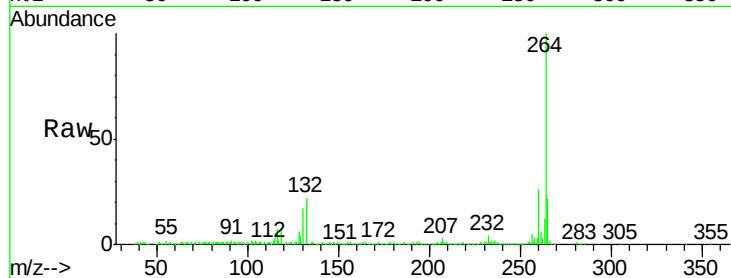




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF091127.D
Acq: 9 Nov 2016 16:40

Instrument :
BNA_F
ClientSampleId :
UST

Tgt Ion: 264 Resp: 329772
Ion Ratio Lower Upper
264 100
260 25.5 20.6 30.8
265 22.1 17.8 26.8



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

