

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
 Data File : BF091562.D
 Acq On : 13 Dec 2016 19:02
 Operator : UM/SJ
 Sample : H5961-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GW

Quant Time: Dec 14 00:22:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	312610	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	957768	20.00	ng	0.01
38) Acenaphthene-d10	9.86	164	554088	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	571914	20.00	ng	0.00
75) Chrysene-d12	13.96	240	624292	20.00	ng	0.00
86) Perylene-d12	15.38	264	669195	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	892742	48.11	ng	0.01
7) Phenol-d6	6.46	99	739787	31.98	ng	0.01
23) Nitrobenzene-d5	7.38	82	1288393	75.08	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	426971	92.78	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	2242611	69.93	ng	0.00
78) Terphenyl-d14	12.92	244	1239532	45.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	108740	11.10	ng	# 85
3) Pyridine	3.12	79	183631	7.04	ng	# 89
6) Aniline	6.48	93	295482	9.74	ng	# 95
9) Benzaldehyde	6.34	77	96922	6.09	ng	# 1
10) Phenol	6.48	94	424670	15.70	ng	# 87
17) 2-Methylphenol	7.08	107	254216	14.67	ng	# 77
18) Hexachloroethane	7.39	117	827943	94.70	ng	# 1
19) n-Nitroso-di-n-propylamine	7.38	70	171413	11.85	ng	# 67
20) 3+4-Methylphenols	7.24	107	1088696	59.16	ng	# 89
22) Acetophenone	7.22	105	114090	4.97	ng	# 89
24) Nitrobenzene	7.36	77	113536	6.26	ng	# 26
27) 2,4-Dimethylphenol	7.78	122	1091957	77.69	ng	# 94
31) Naphthalene	8.16	128	17018843	381.91	ng	# 89
32) Benzoic acid	7.90	122	748468	71.53	ng	# 13
33) 4-Chloroaniline	8.16	127	2912378	151.70	ng	# 34
36) 4-Chloro-3-methylphenol	8.68	107	30416	2.22	ng	# 31
37) 2-Methylnaphthalene	8.82	142	1343584	46.58	ng	# 97
45) 1,1'-Biphenyl	9.28	154	1634597	40.73	ng	# 98
47) 2-Nitroaniline	9.39	65	56722	5.43	ng	# 43
48) Acenaphthylene	9.71	152	188663	3.98	ng	# 68
49) Dimethylphthalate	9.58	163	215426	6.14	ng	# 99
50) 2,6-Dinitrotoluene	9.55	165	28896	3.75	ng	# 79
51) Acenaphthene	9.89	154	2988535	90.83	ng	# 98
53) 2,4-Dinitrophenol	9.90	184	1945	2.69	ng	# 1
54) Dibenzofuran	10.06	168	3171073	77.89	ng	# 98
55) 4-Nitrophenol	9.89	139	56964	8.46	ng	# 67
56) 2,4-Dinitrotoluene	10.01	165	45521	4.72	ng	# 23
57) Fluorene	10.41	166	2286591	82.79	ng	# 99
61) 4-Nitroaniline	10.41	138	28937	3.22	ng	# 58
64) 4,6-Dinitro-2-methylphenol	10.48	198	4868	4.26	ng	# 1
65) n-Nitrosodiphenylamine	10.56	169	78795	4.62	ng	# 45
66) 4-Bromophenyl-phenylether	10.65	248	29163	4.97	ng	# 1
68) Atrazine	11.08	200	11136	2.03	ng	# 3
70) Phenanthrene	11.37	178	3333020	117.68	ng	# 97

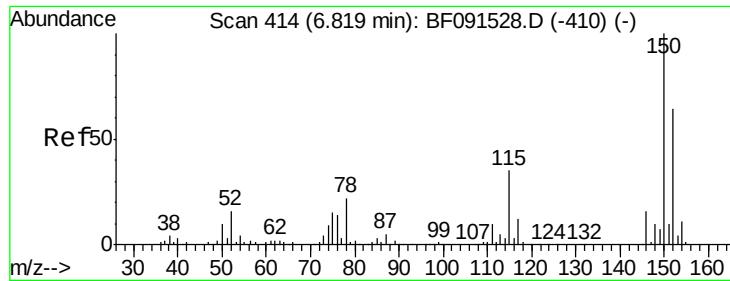
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
Data File : BF091562.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Anthracene	11.41	178	570430	18.67	ng	99
72) Carbazole	11.57	167	1627364	60.78	ng	99
74) Fluoranthene	12.57	202	381794	12.87	ng	99
77) Pyrene	12.77	202	265548	5.36	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

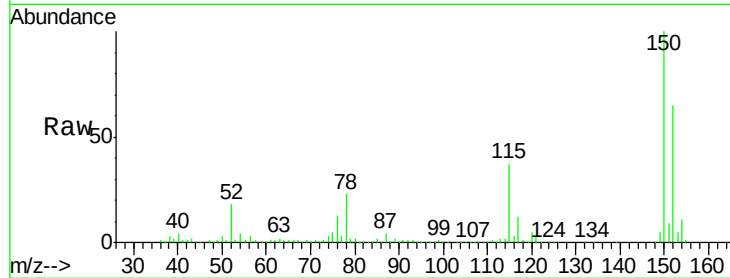
Tgt Ion:152 Resp: 312610

Ion Ratio Lower Upper

152 100

150 153.5 122.5 183.7

115 57.2 51.8 77.8



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

600000

500000

400000

300000

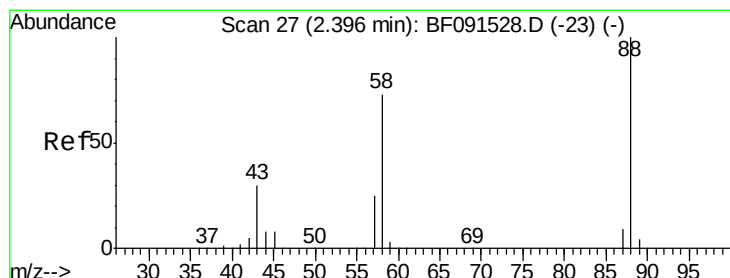
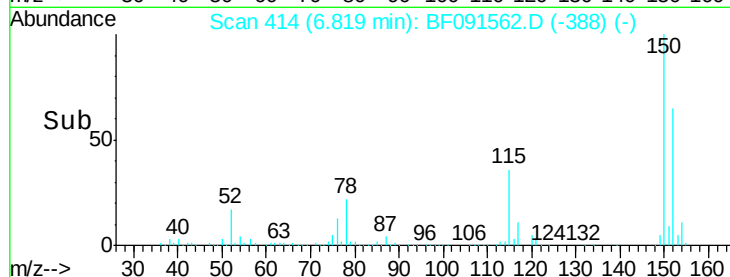
200000

100000

0

6.75 6.80 6.85

Time-->



#2

1,4-Dioxane

Concen: 11.10 ng

RT: 2.40 min Scan# 27

Delta R.T. -0.00 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

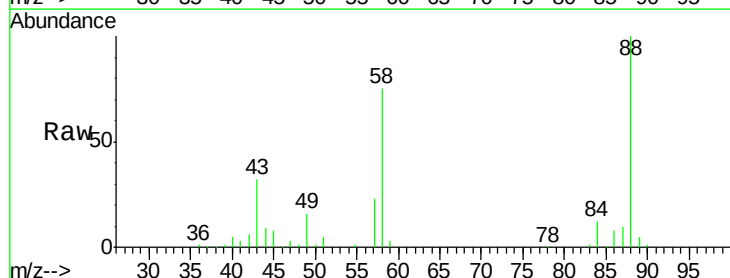
Tgt Ion: 88 Resp: 108740

Ion Ratio Lower Upper

88 100

58 73.1 70.3 105.5

43 30.4 31.3 46.9#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

100000

80000

60000

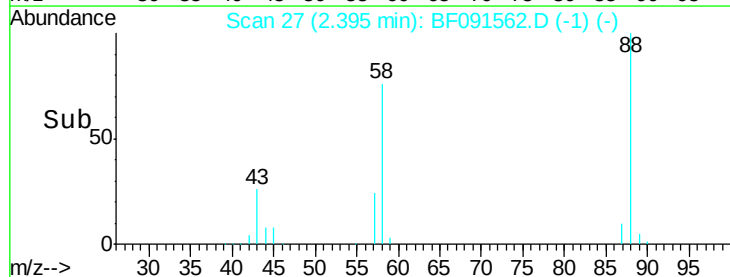
40000

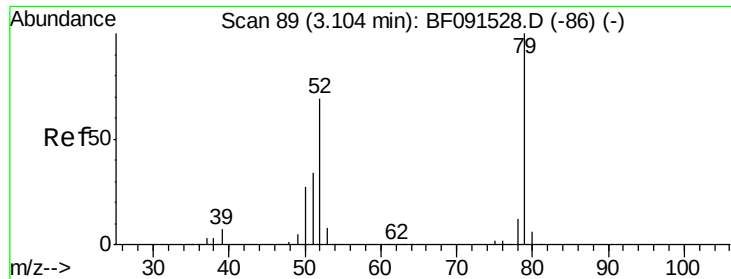
20000

0

2.30 2.40 2.50 2.60

Time-->





#3

Pyridine

Concen: 7.04 ng

RT: 3.12 min Scan# 90

Delta R.T. 0.01 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

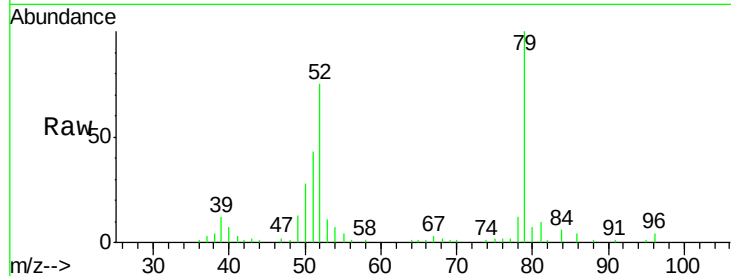
Tgt Ion: 79 Resp: 183631

Ion Ratio Lower Upper

79 100

52 75.2 71.0 106.4

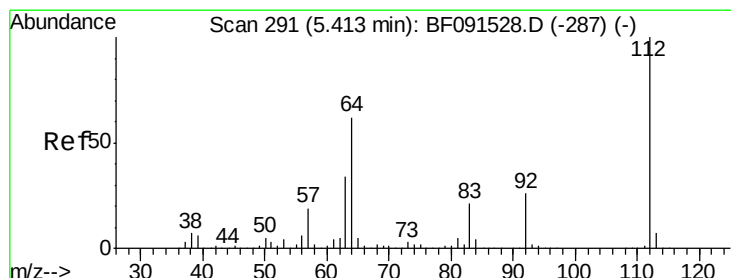
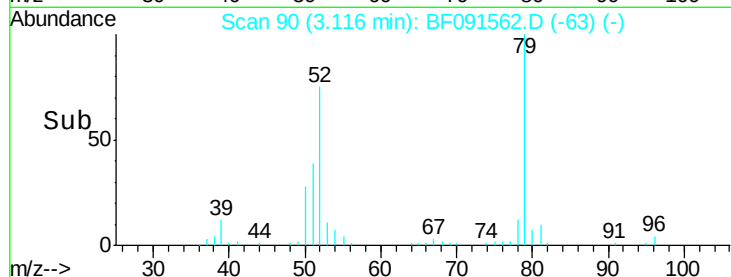
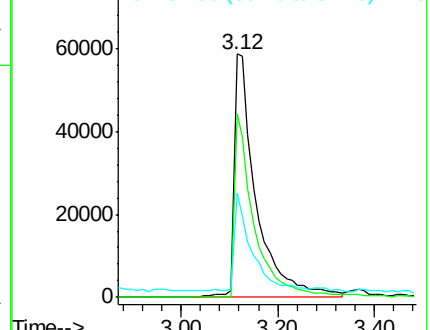
51 42.6 37.0 55.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#5

2-Fluorophenol

Concen: 48.11 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

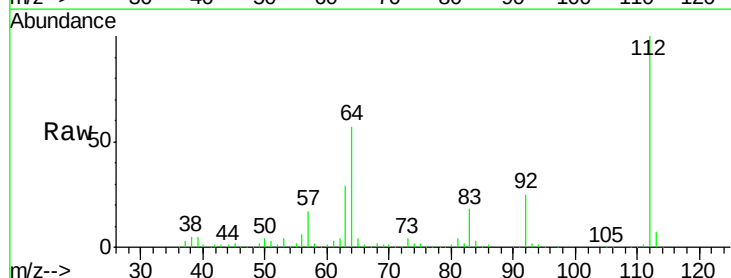
Tgt Ion: 112 Resp: 892742

Ion Ratio Lower Upper

112 100

64 56.7 61.5 92.3#

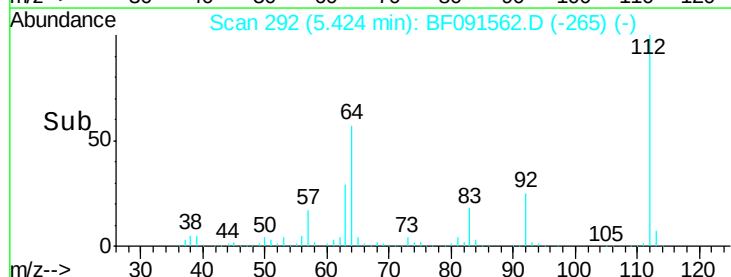
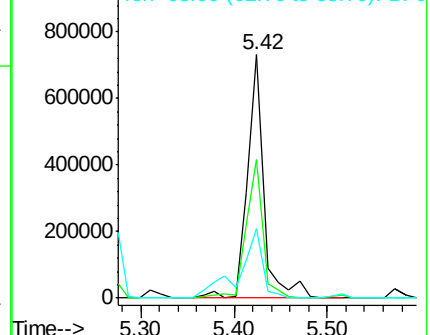
63 28.7 33.3 49.9#

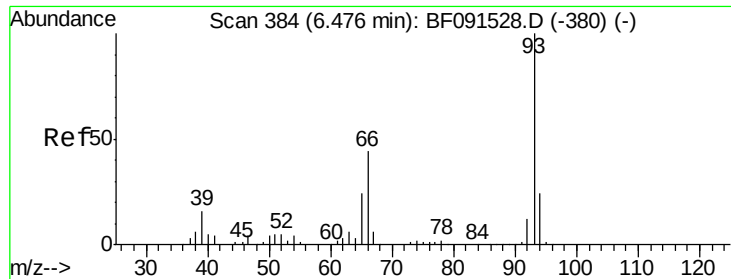


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 9.74 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

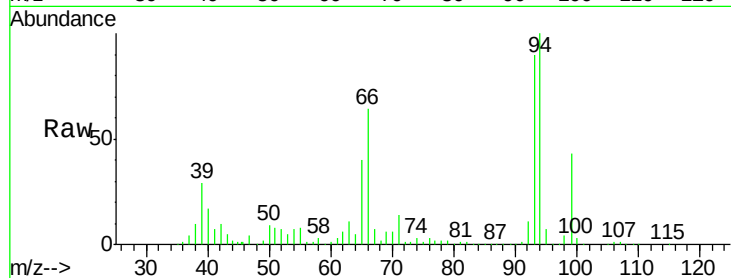
Tgt Ion: 93 Resp: 295482

Ion Ratio Lower Upper

93 100

66 71.5 55.8 83.6

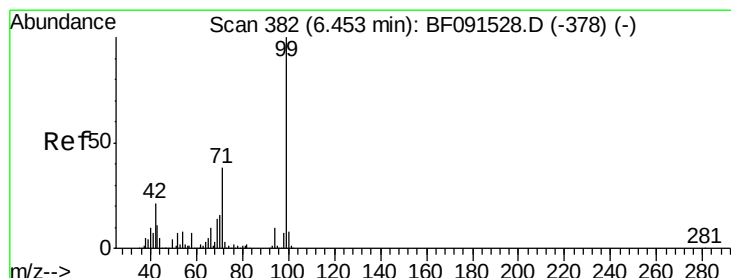
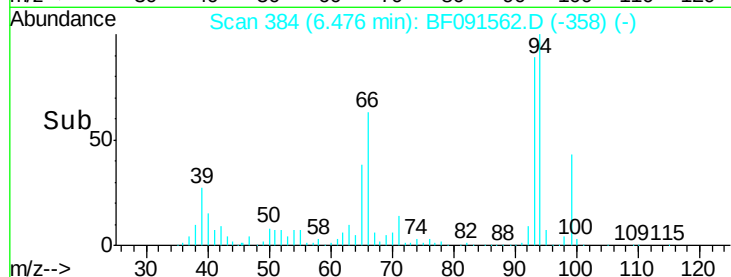
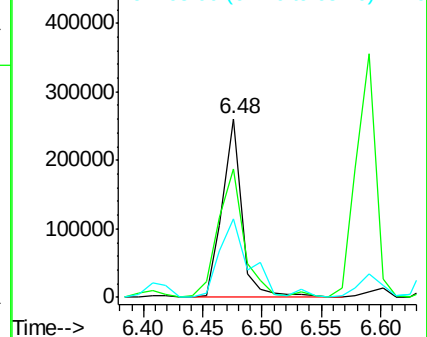
65 44.1 29.9 44.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 31.98 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

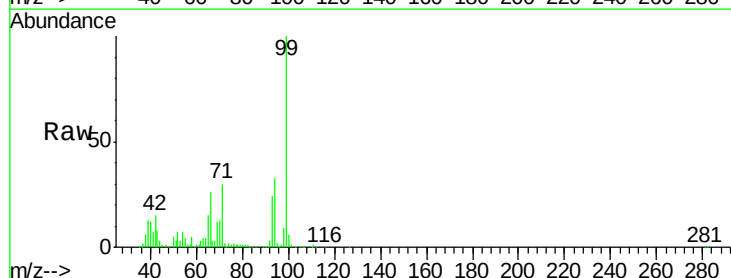
Tgt Ion: 99 Resp: 739787

Ion Ratio Lower Upper

99 100

42 15.3 20.6 31.0#

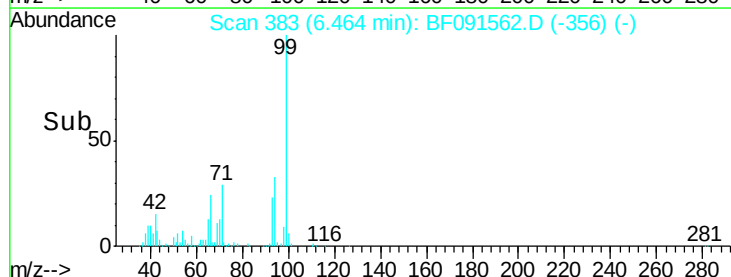
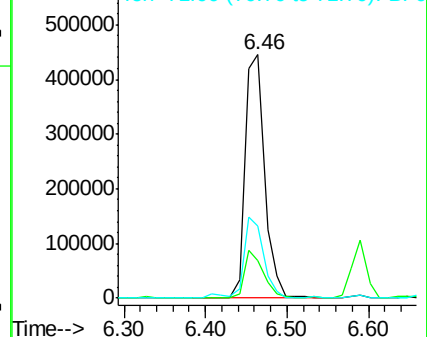
71 29.5 29.9 44.9#

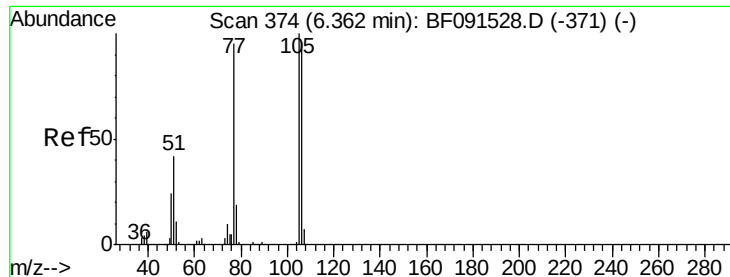


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 6.09 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

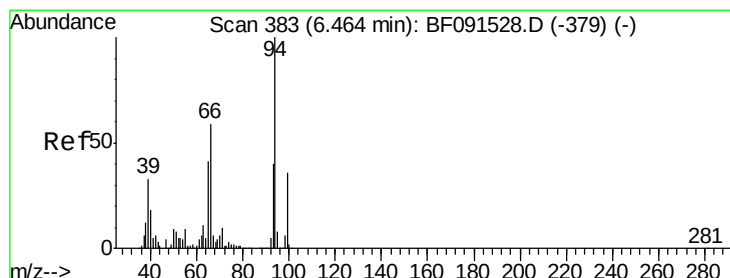
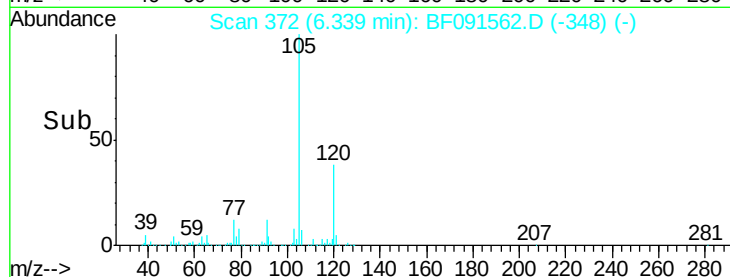
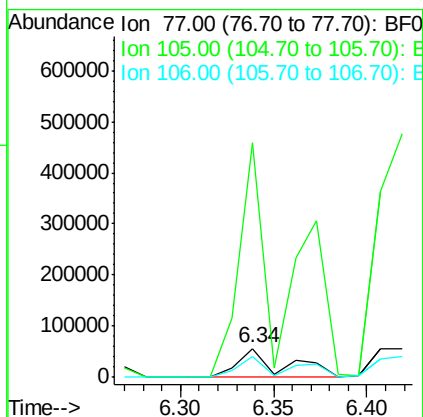
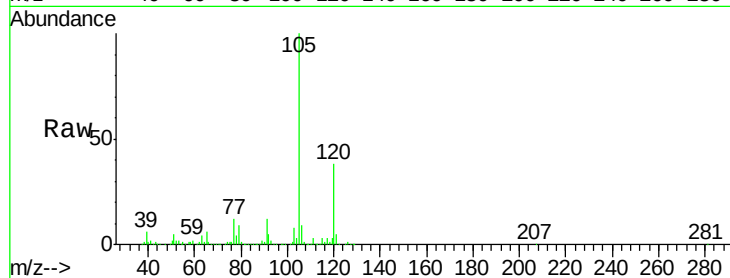
Tgt Ion: 77 Resp: 96922

Ion Ratio Lower Upper

77 100

105 810.1 66.4 106.4#

106 73.9 60.9 100.9



#10

Phenol

Concen: 15.70 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

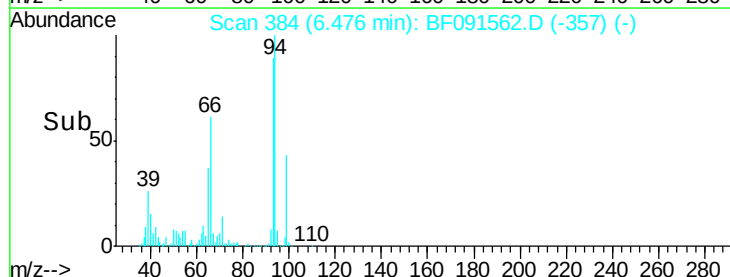
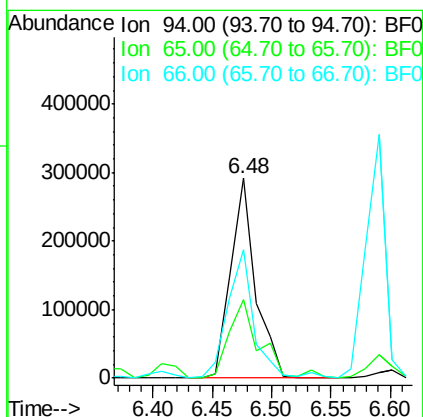
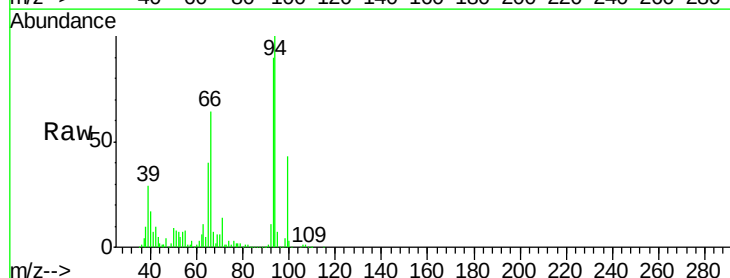
Tgt Ion: 94 Resp: 424670

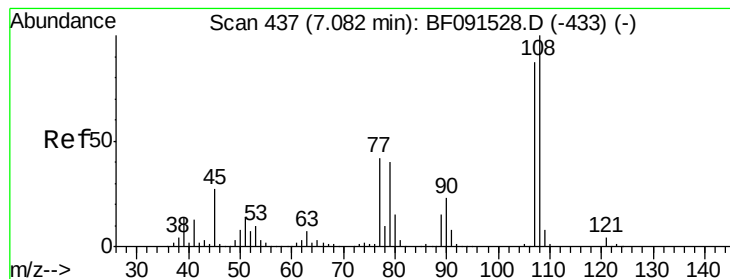
Ion Ratio Lower Upper

94 100

65 39.5 16.9 56.9

66 64.1 30.6 70.6

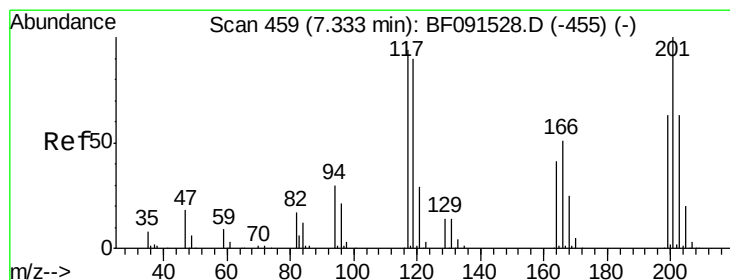
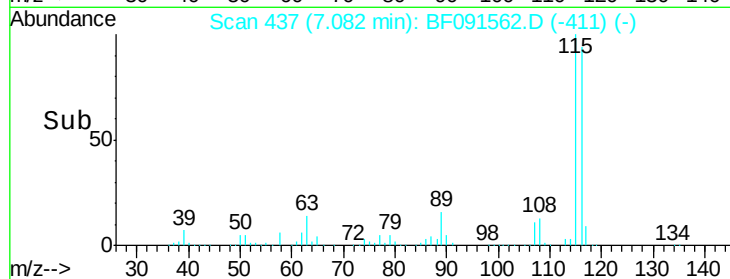
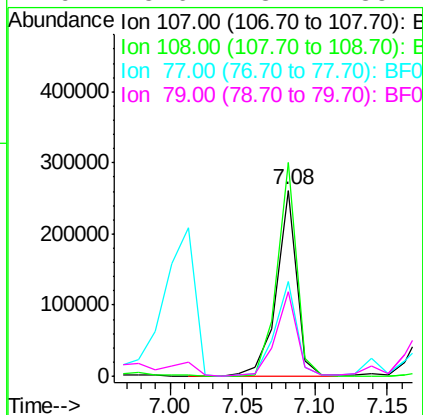
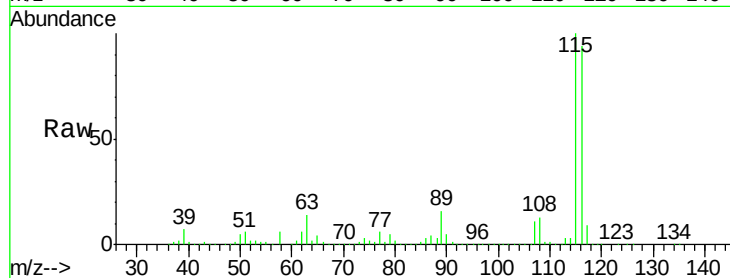




#17
2-Methylphenol
Concen: 14.67 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF091562.D
Acq: 13 Dec 2016 19:02

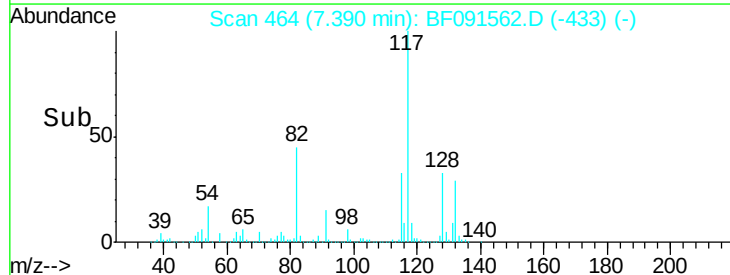
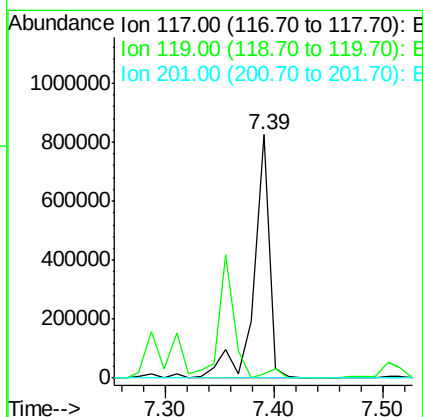
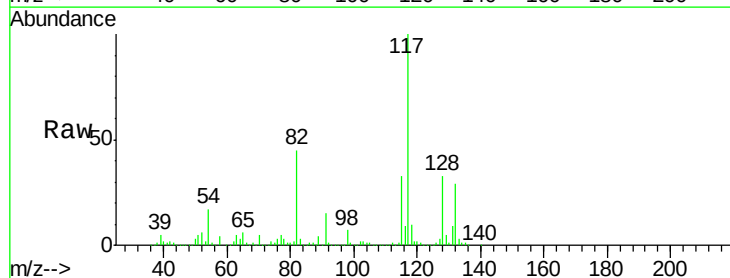
Instrument :
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QNWP8-MW26S-GW

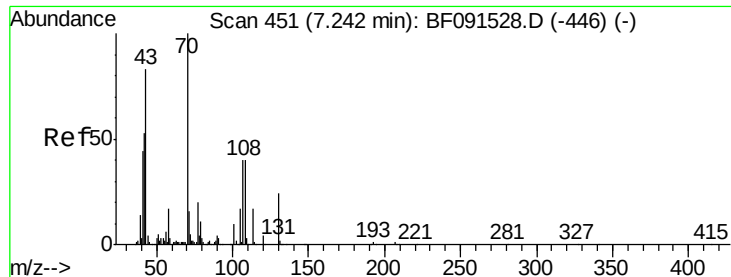
Tgt Ion:107 Resp: 254216
Ion Ratio Lower Upper
107 100
108 114.8 67.7 101.5#
77 50.7 40.7 61.1
79 45.6 23.4 35.2#



#18
Hexachloroethane
Concen: 94.70 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.06 min
Lab File: BF091562.D
Acq: 13 Dec 2016 19:02

Tgt Ion:117 Resp: 827943
Ion Ratio Lower Upper
117 100
119 1.9 78.6 118.0#
201 0.0 86.7 130.1#

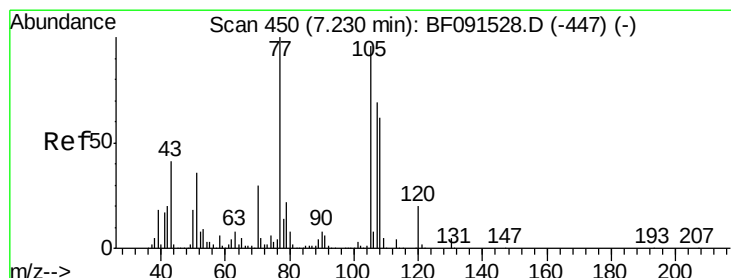
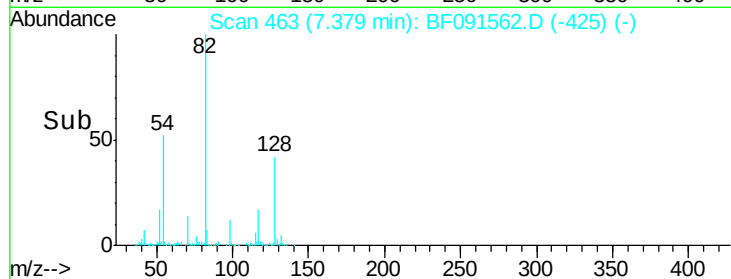
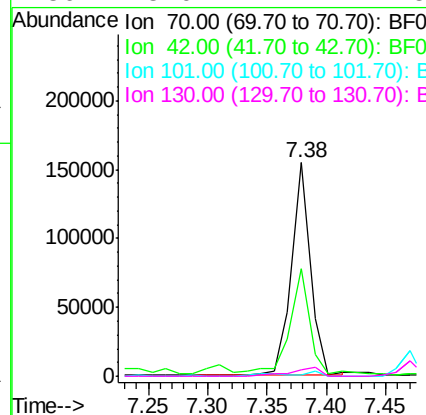
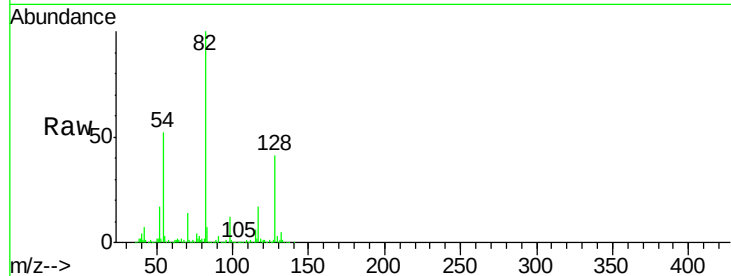




#19
n-Nitroso-di-n-propylamine
Concen: 11.85 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.14 min
Lab File: BF091562.D
Acq: 13 Dec 2016 19:02

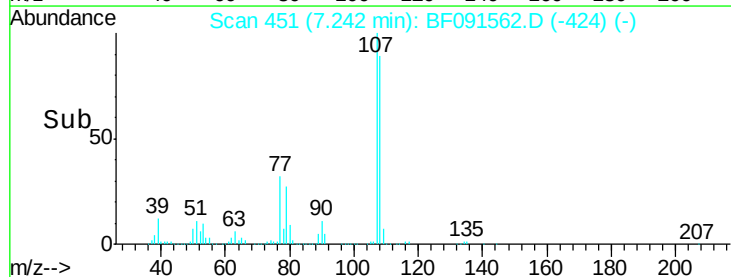
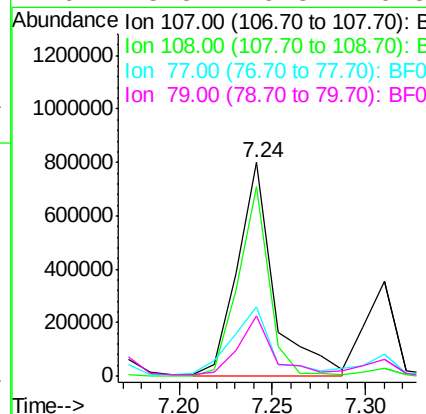
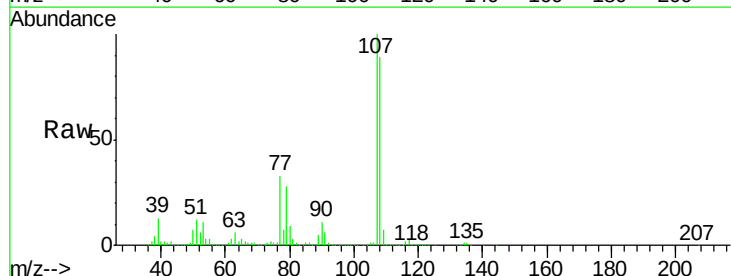
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GW

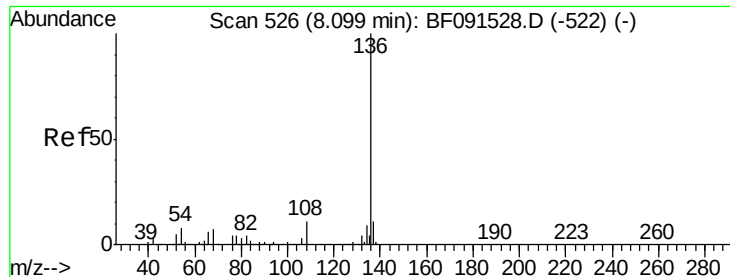
Tgt Ion: 70 Resp: 171413
Ion Ratio Lower Upper
70 100
42 50.2 64.8 97.2#
101 0.5 6.2 9.4#
130 3.0 11.7 17.5#



#20
3+4-Methylphenols
Concen: 59.16 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.01 min
Lab File: BF091562.D
Acq: 13 Dec 2016 19:02

Tgt Ion: 107 Resp: 1088696
Ion Ratio Lower Upper
107 100
108 88.8 64.6 104.6
77 32.6 30.9 70.9
79 28.3 9.3 49.3

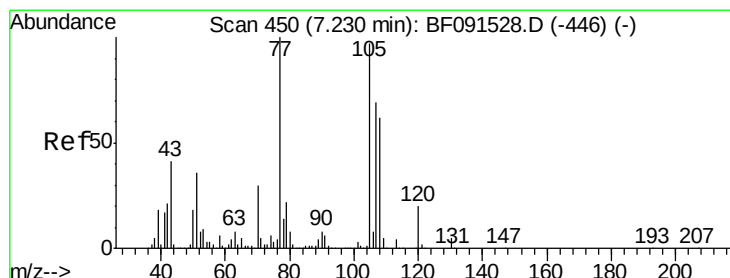
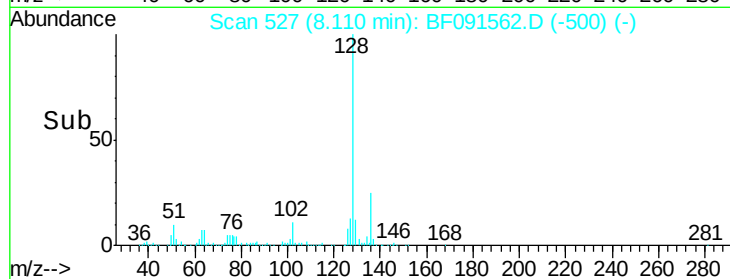
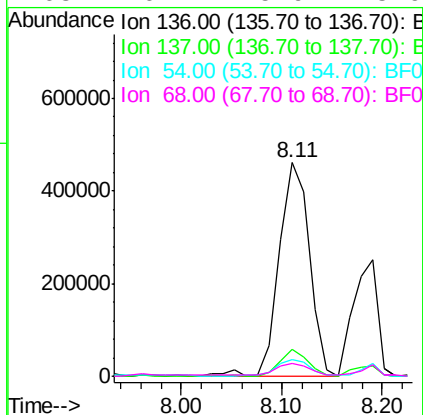
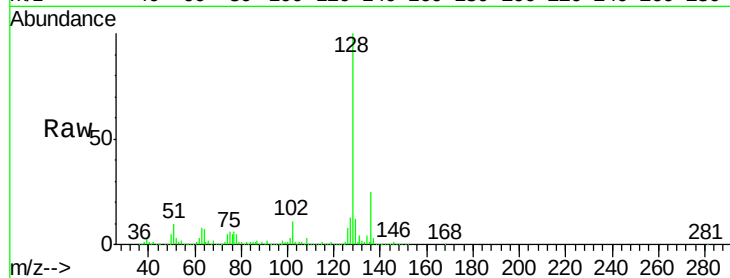




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.01 min
Lab File: BF091562.D
Acq: 13 Dec 2016 19:02

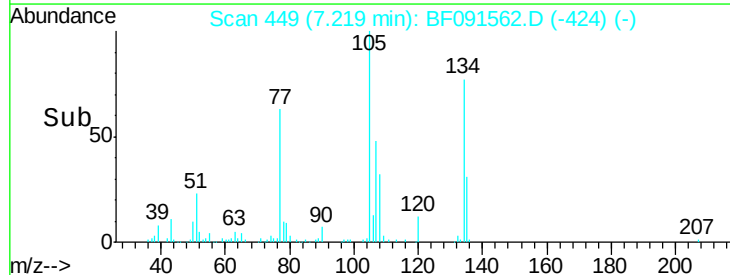
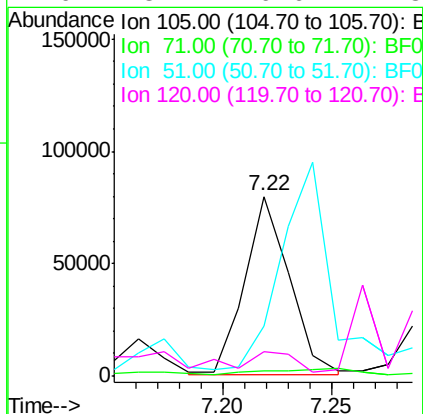
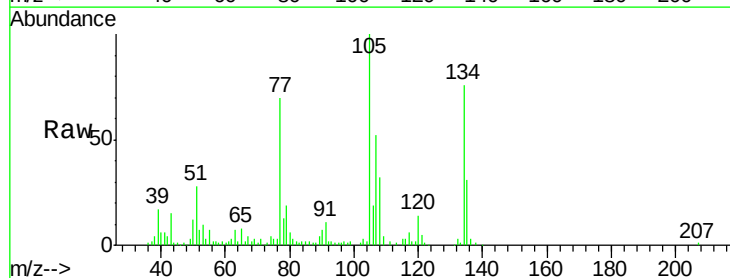
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GW

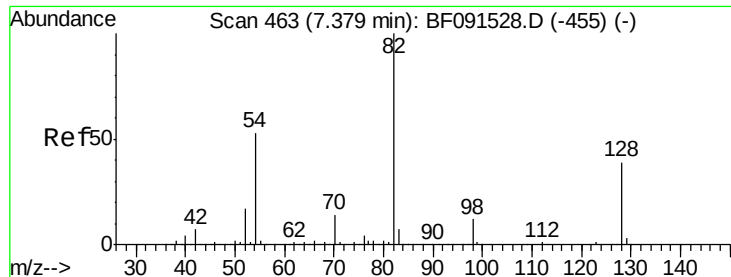
Tgt Ion:	136	Resp:	957768
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.1	13.7
54	7.8	9.1	13.7#
68	6.2	5.9	8.9



#22
Acetophenone
Concen: 4.97 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF091562.D
Acq: 13 Dec 2016 19:02

Tgt Ion:	105	Resp:	114090
Ion	Ratio	Lower	Upper
105	100		
71	3.1	7.9	11.9#
51	27.9	24.5	36.7
120	13.7	16.6	24.8#

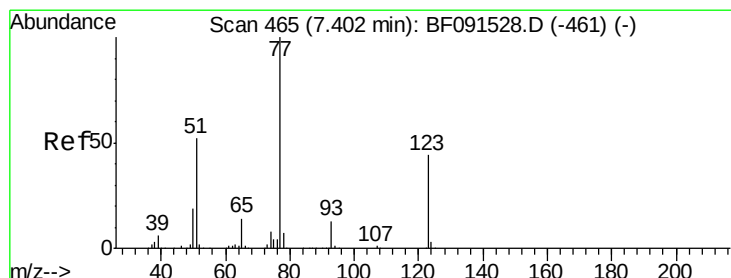
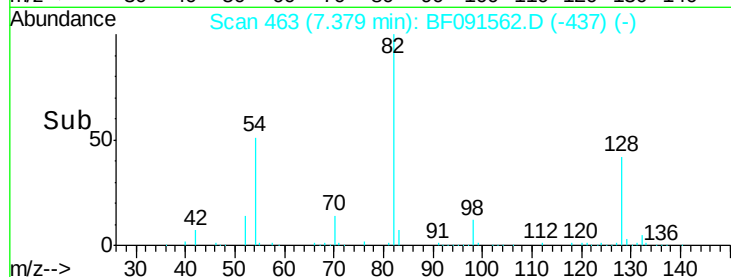
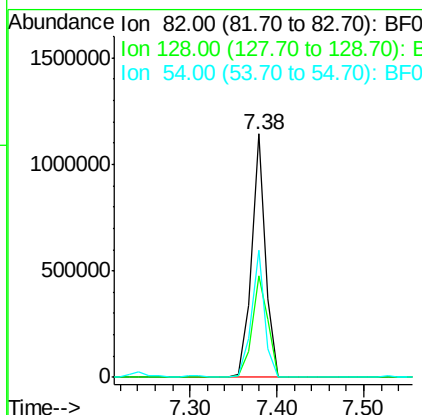
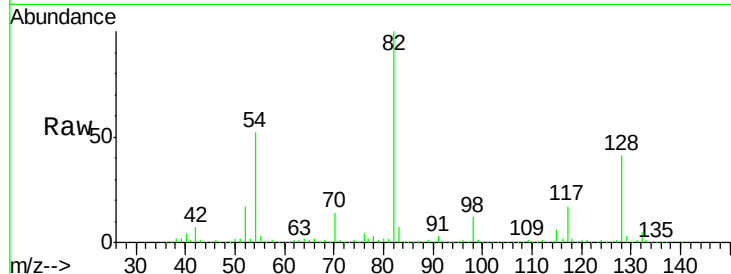




#23
 Nitrobenzene-d5
 Concen: 75.08 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091562.D
 Acq: 13 Dec 2016 19:02

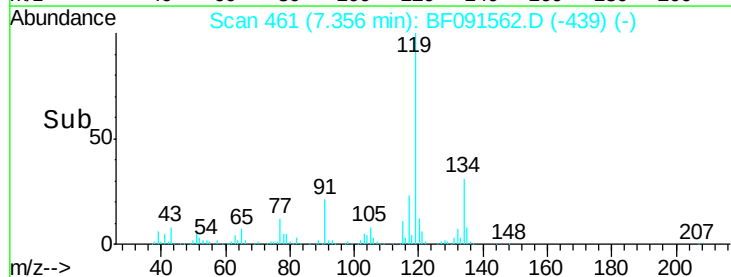
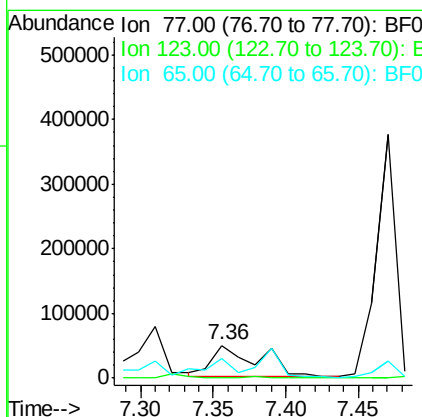
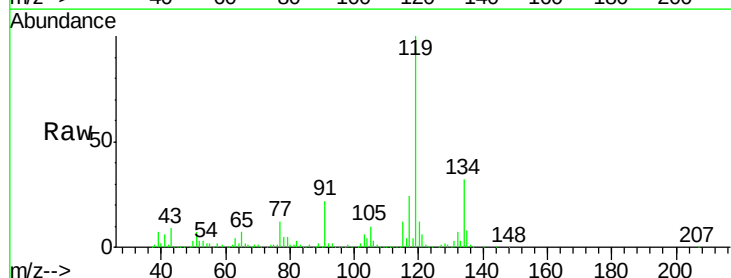
Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GW

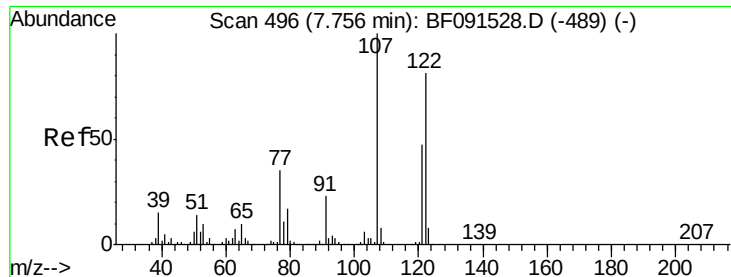
Tgt Ion: 82 Resp: 1288393
 Ion Ratio Lower Upper
 82 100
 128 41.5 31.8 47.6
 54 52.0 49.1 73.7



#24
 Nitrobenzene
 Concen: 6.26 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.05 min
 Lab File: BF091562.D
 Acq: 13 Dec 2016 19:02

Tgt Ion: 77 Resp: 113536
 Ion Ratio Lower Upper
 77 100
 123 0.7 28.5 42.7#
 65 60.9 12.5 18.7#





#27

2,4-Dimethylphenol

Concen: 77.69 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.02 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

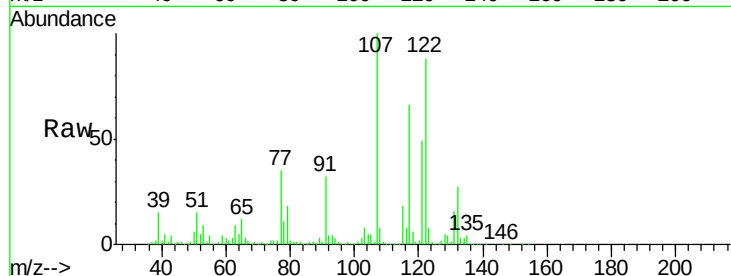
Tgt Ion:122 Resp: 1091957

Ion Ratio Lower Upper

122 100

107 113.4 96.8 145.2

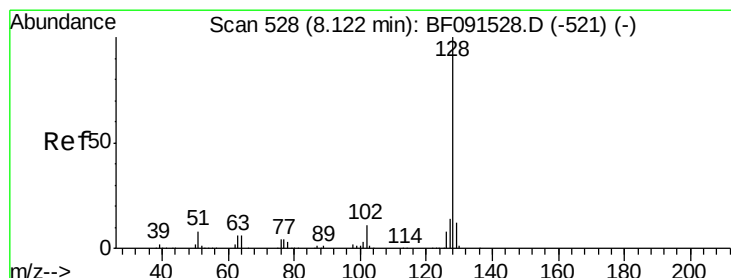
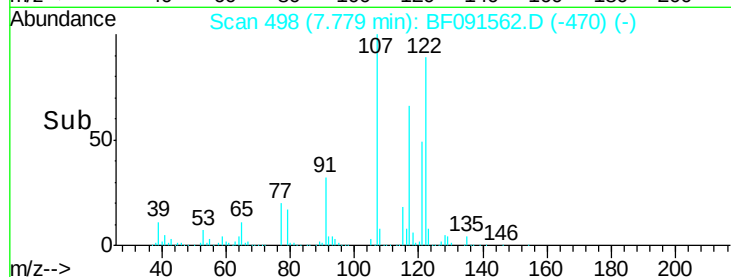
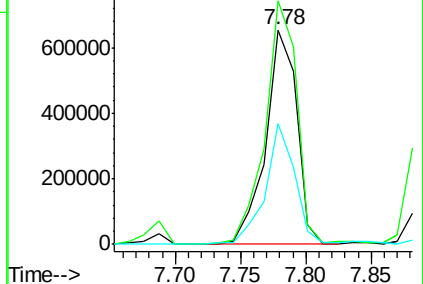
121 56.1 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 381.91 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.03 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

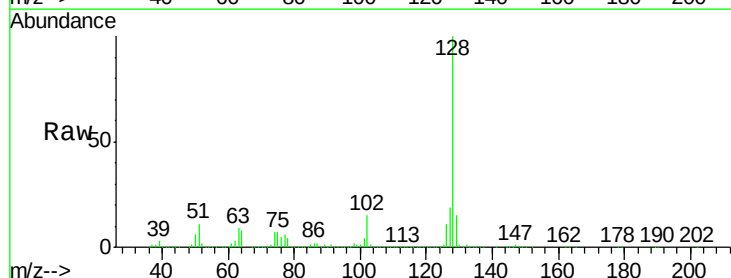
Tgt Ion:128 Resp:17018843

Ion Ratio Lower Upper

128 100

129 15.4 9.1 13.7#

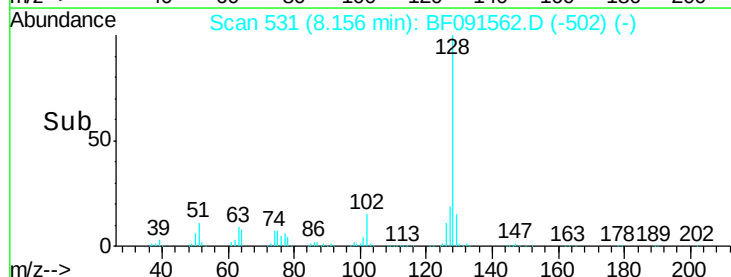
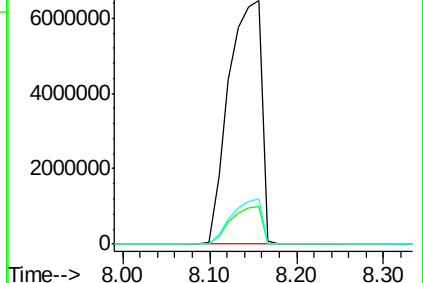
127 18.6 11.0 16.4#

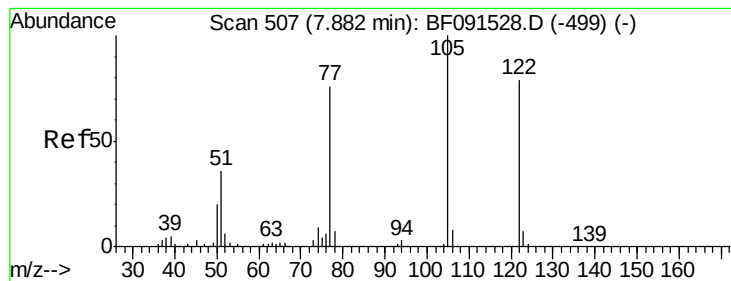


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 71.53 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.02 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

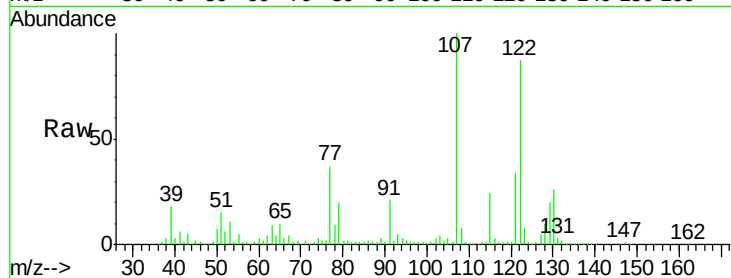
Tgt Ion:122 Resp: 748468

Ion Ratio Lower Upper

122 100

105 4.0 113.0 153.0#

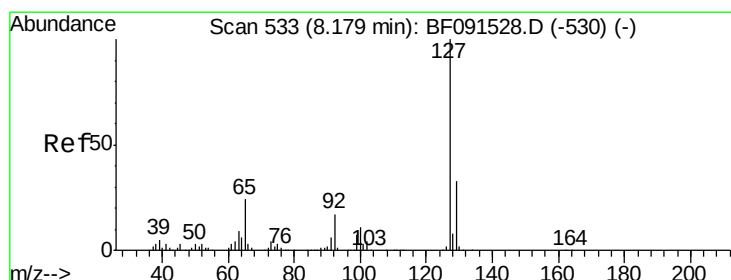
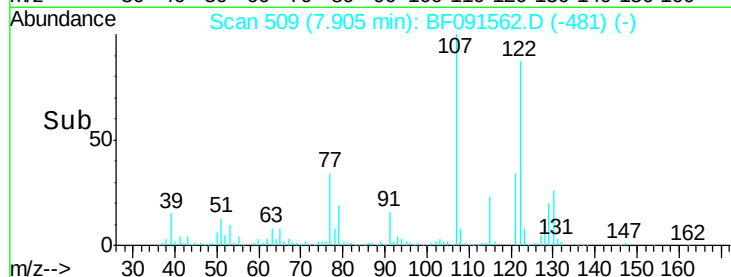
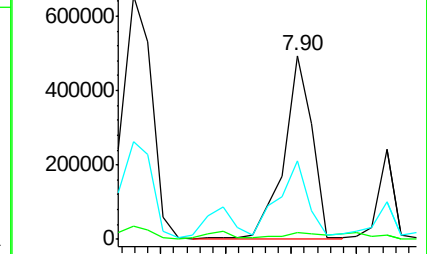
77 42.4 82.0 122.0#



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: 151.70 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

Tgt Ion:127 Resp: 2912378

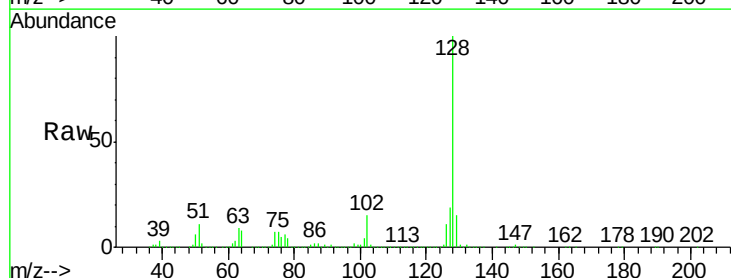
Ion Ratio Lower Upper

127 100

129 82.8 26.2 39.4#

65 0.0 26.6 39.8#

92 0.5 15.4 23.0#

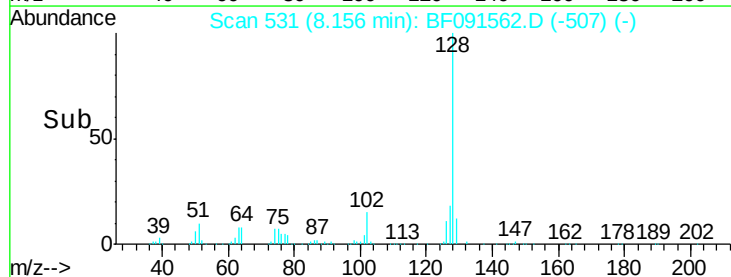
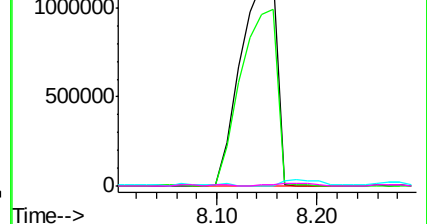


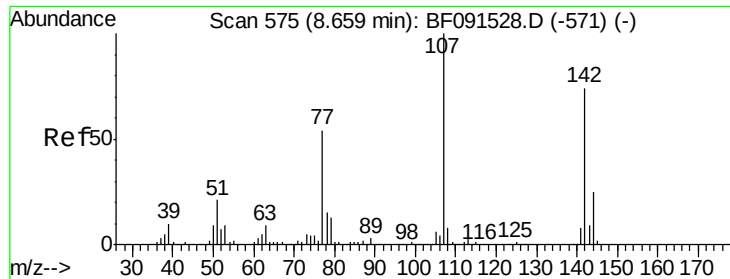
Abundance Ion 127.00 (126.70 to 127.70): E

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: 2.22 ng

RT: 8.68 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

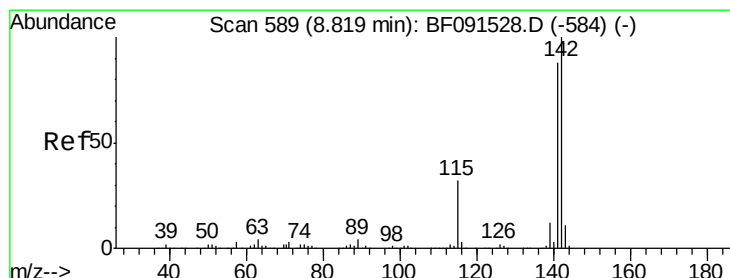
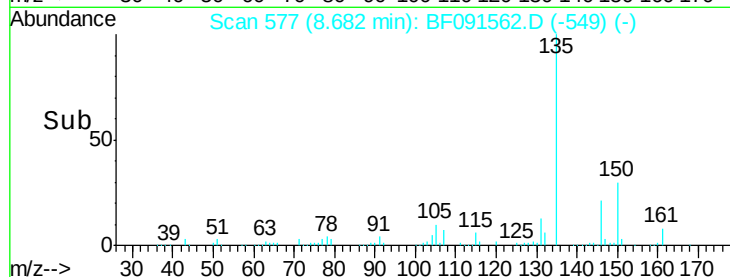
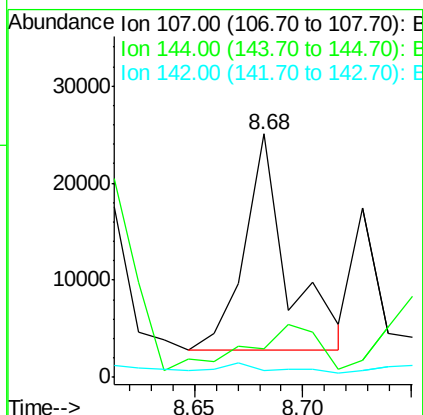
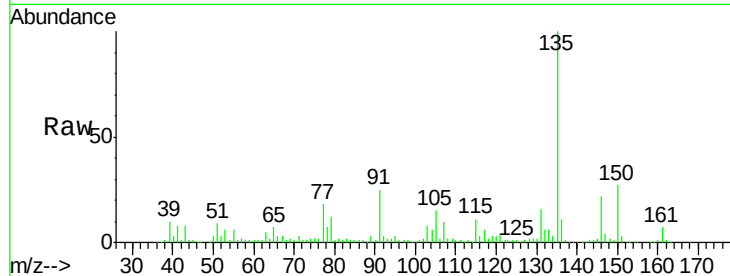
Tgt Ion:107 Resp: 30416

Ion Ratio Lower Upper

107 100

144 11.9 18.9 28.3#

142 2.8 58.5 87.7#



#37

2-Methylnaphthalene

Concen: 46.58 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

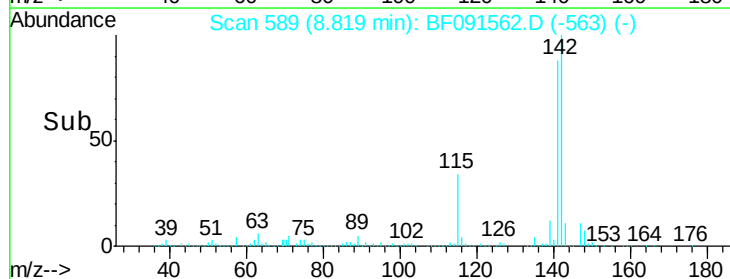
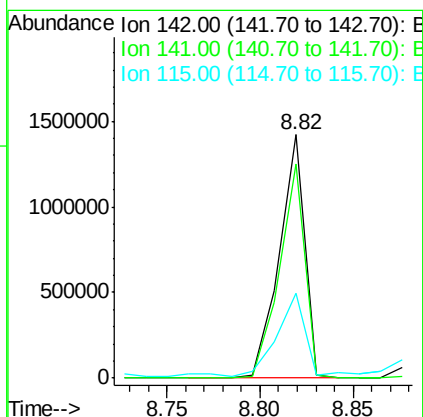
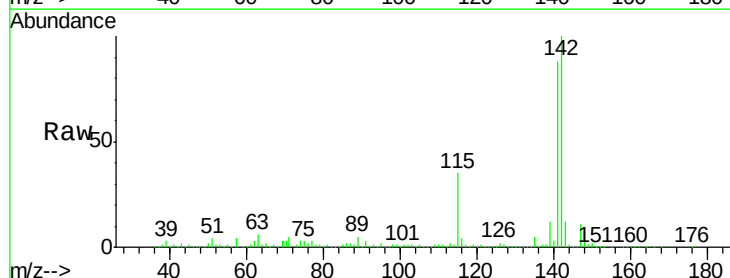
Tgt Ion:142 Resp: 1343584

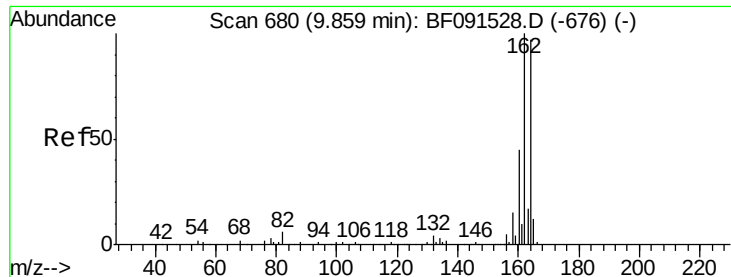
Ion Ratio Lower Upper

142 100

141 88.0 71.7 107.5

115 34.7 25.0 37.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

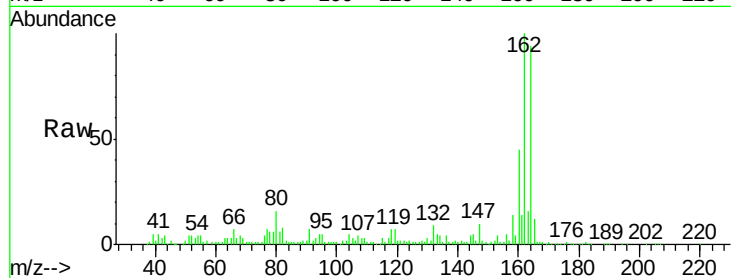
Tgt Ion:164 Resp: 554088

Ion Ratio Lower Upper

164 100

162 106.3 82.6 124.0

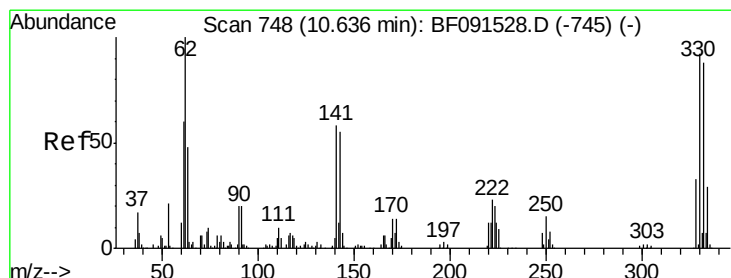
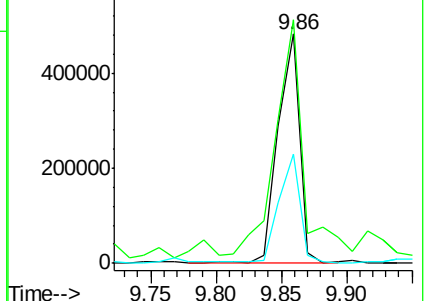
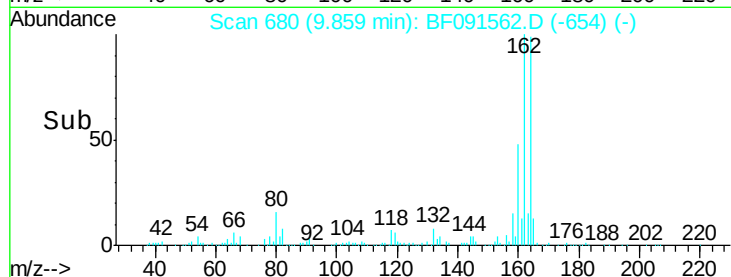
160 47.6 36.7 55.1



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: 92.78 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

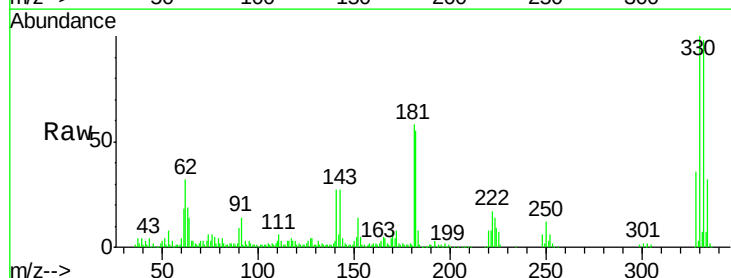
Tgt Ion:330 Resp: 426971

Ion Ratio Lower Upper

330 100

332 97.6 76.2 114.4

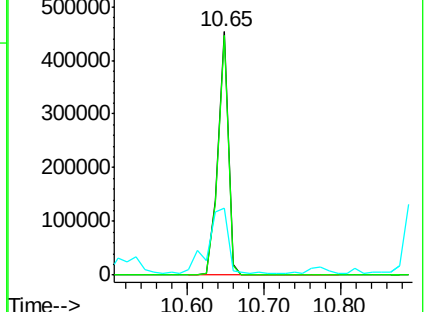
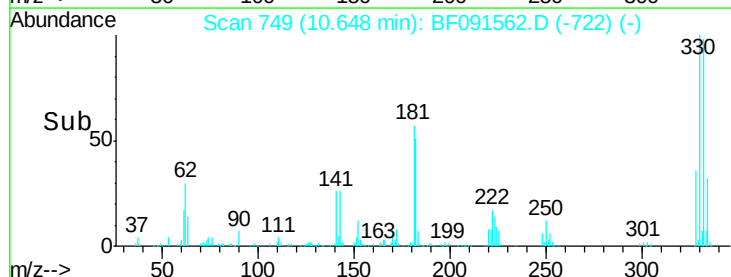
141 51.8 33.6 50.4#

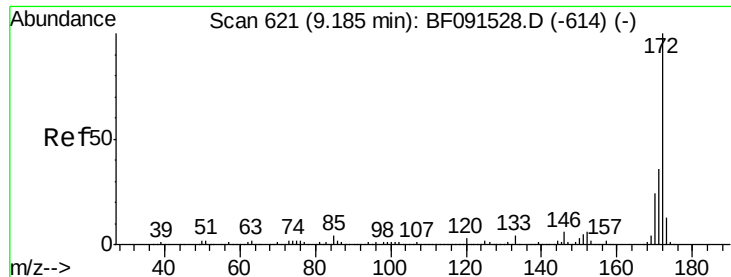


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

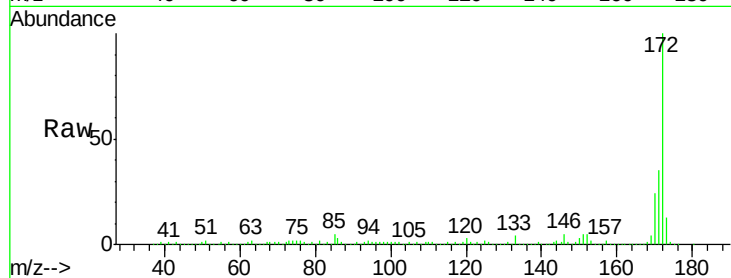




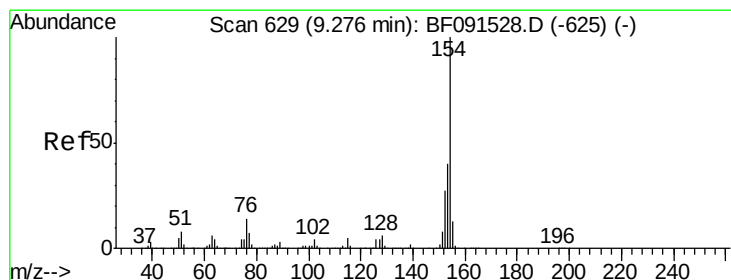
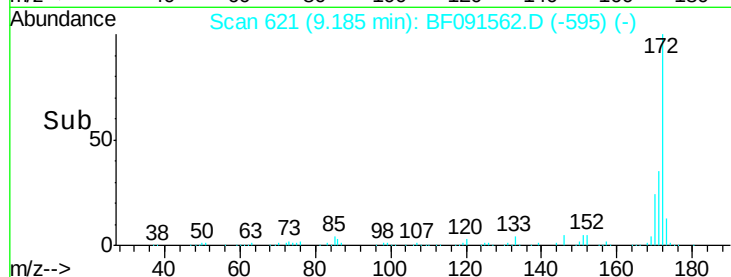
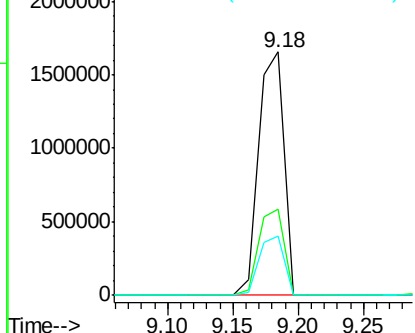
#44
2-Fluorobiphenyl
Concen: 69.93 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF091562.D
Acq: 13 Dec 2016 19:02

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion:172 Resp: 2242611
Ion Ratio Lower Upper
172 100
171 35.2 29.4 44.0
170 24.1 19.7 29.5

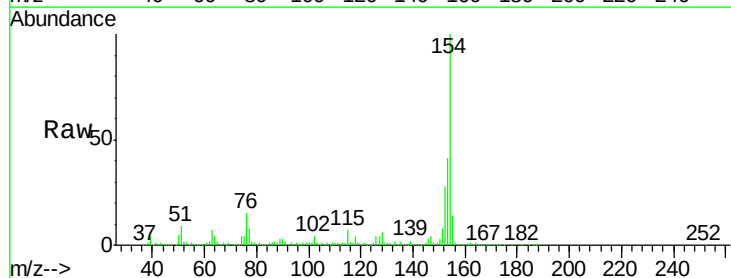


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

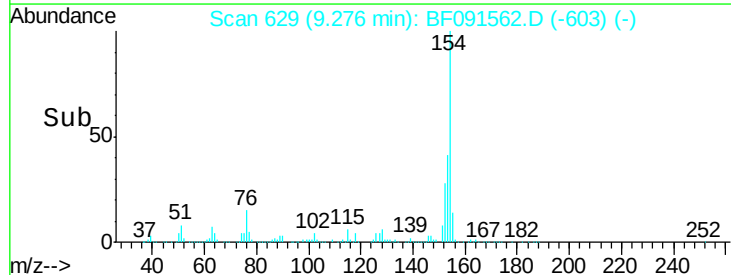
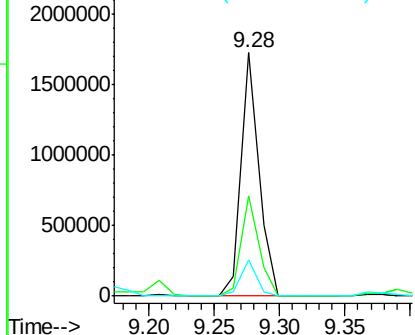


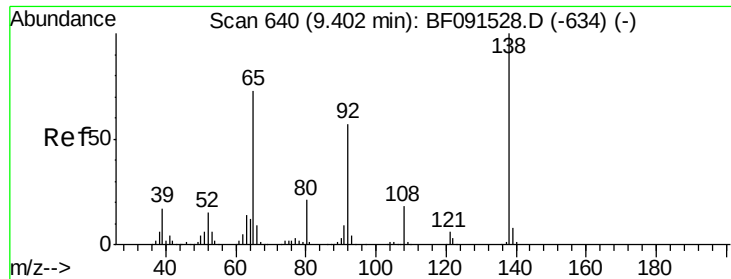
#45
1,1'-Biphenyl
Concen: 40.73 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF091562.D
Acq: 13 Dec 2016 19:02

Tgt Ion:154 Resp: 1634597
Ion Ratio Lower Upper
154 100
153 41.0 20.6 60.6
76 14.9 0.0 36.6



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

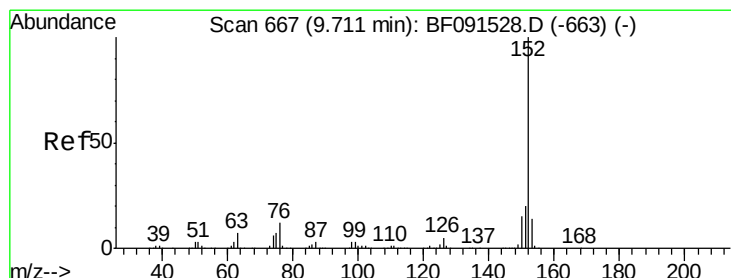
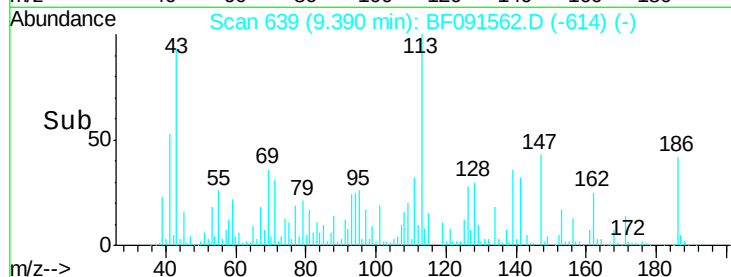
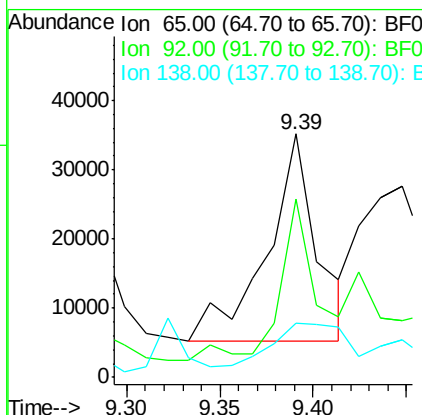
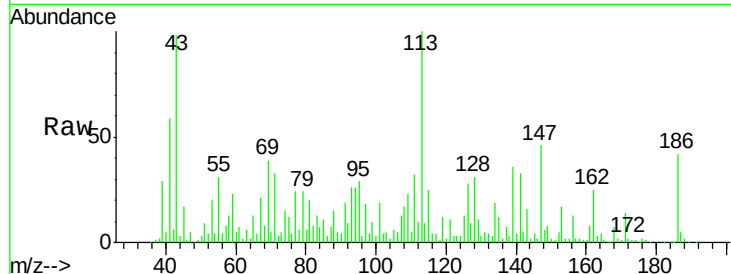




#47
2-Nitroaniline
Concen: 5.43 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF091562.D
Acq: 13 Dec 2016 19:02

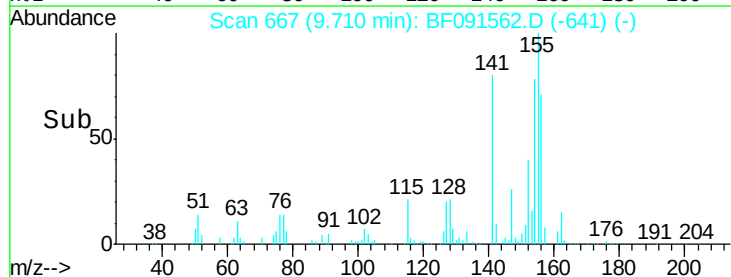
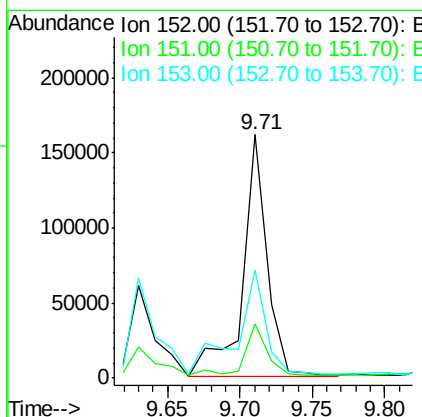
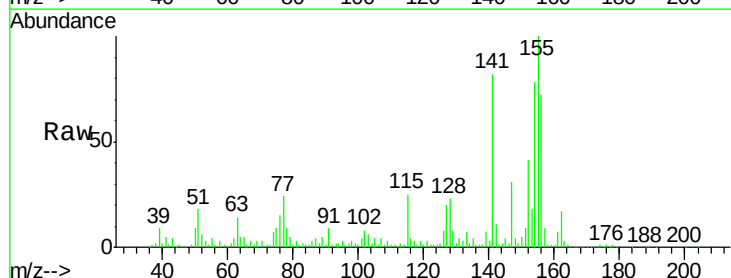
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GW

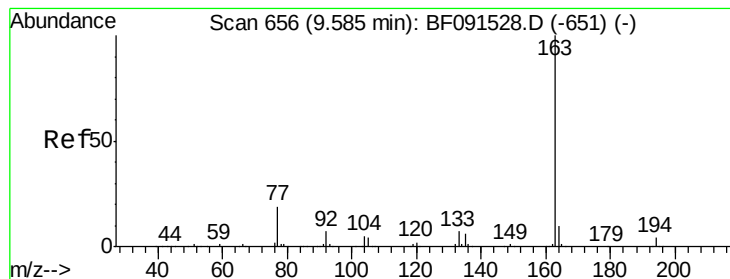
Tgt Ion: 65 Resp: 56722
Ion Ratio Lower Upper
65 100
92 73.5 53.6 80.4
138 22.0 91.0 136.6#



#48
Acenaphthylene
Concen: 3.98 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF091562.D
Acq: 13 Dec 2016 19:02

Tgt Ion: 152 Resp: 188663
Ion Ratio Lower Upper
152 100
151 22.2 16.6 24.8
153 44.2 10.7 16.1#





#49

Dimethylphthalate

Concen: 6.14 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

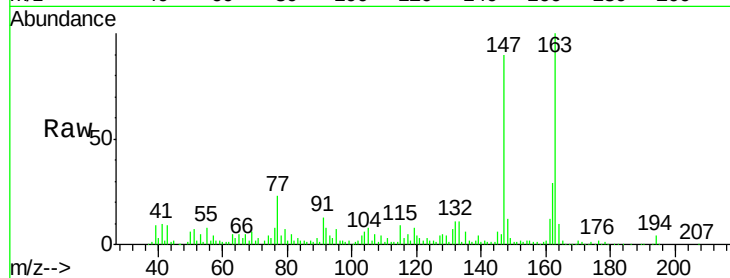
Tgt Ion:163 Resp: 215426

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

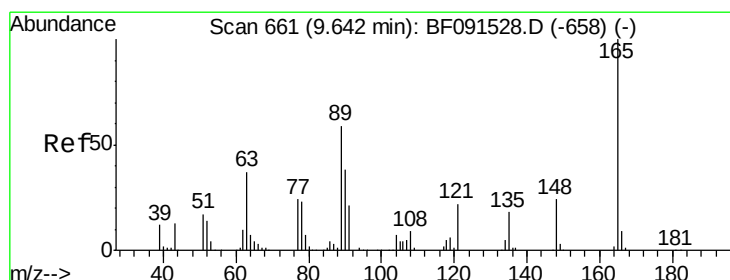
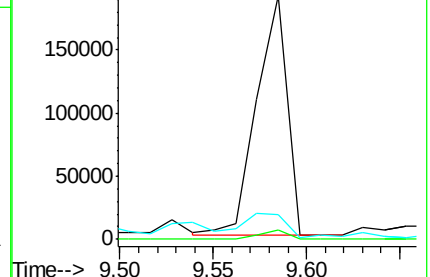
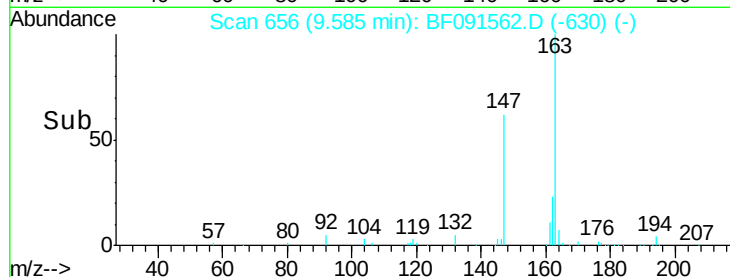
164 10.2 7.8 11.8



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: 3.75 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.09 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

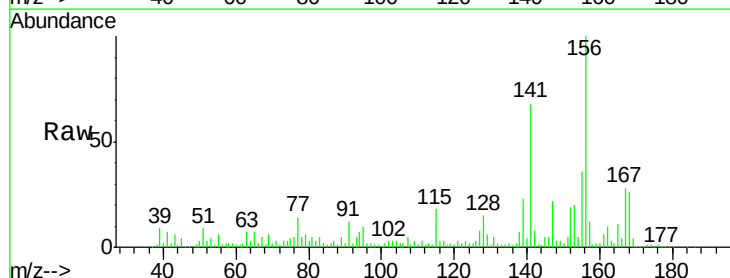
Tgt Ion:165 Resp: 28896

Ion Ratio Lower Upper

165 100

63 59.9 59.4 89.0

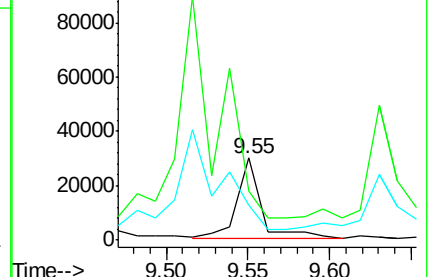
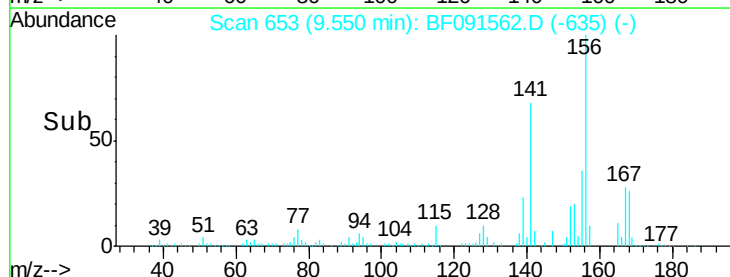
89 43.4 50.8 76.2#

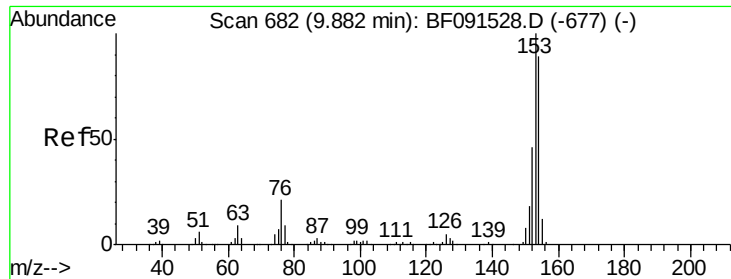


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 90.83 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

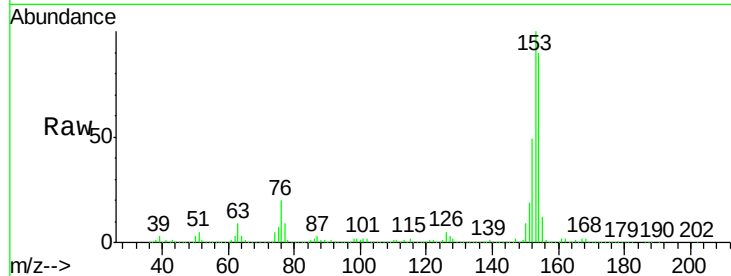
Tgt Ion:154 Resp: 2988535

Ion Ratio Lower Upper

154 100

153 110.8 91.0 136.6

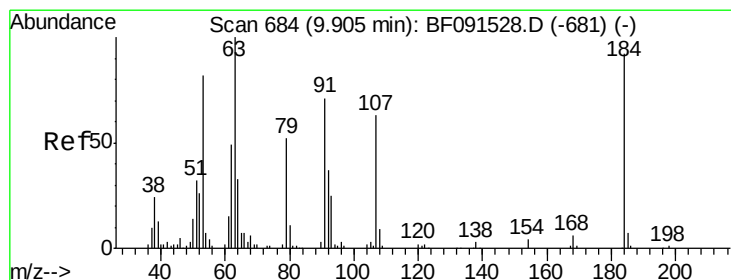
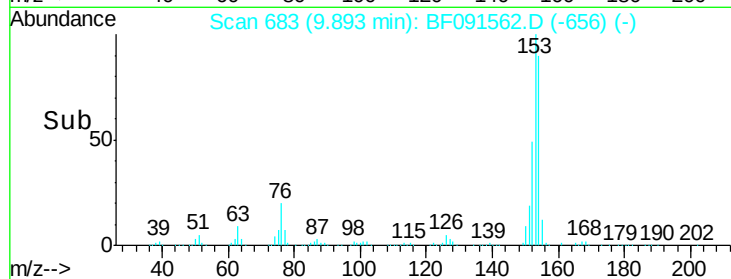
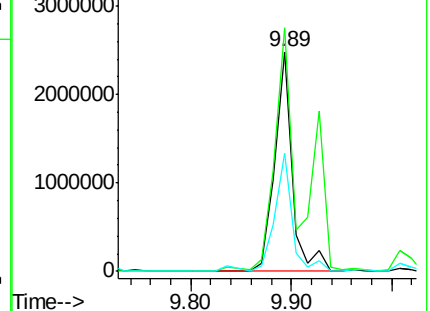
152 54.1 44.2 66.2



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: 2.69 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

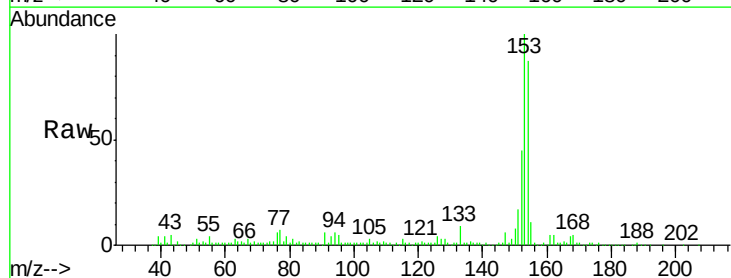
Tgt Ion:184 Resp: 1945

Ion Ratio Lower Upper

184 100

63 1187.3 58.3 87.5#

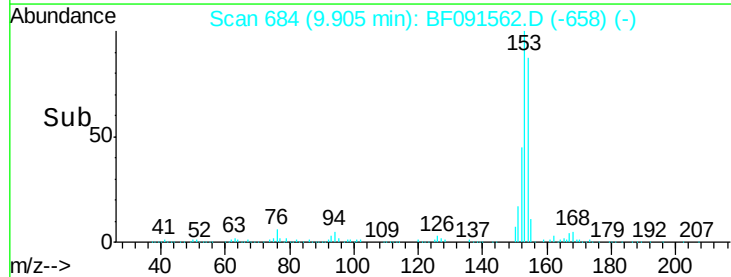
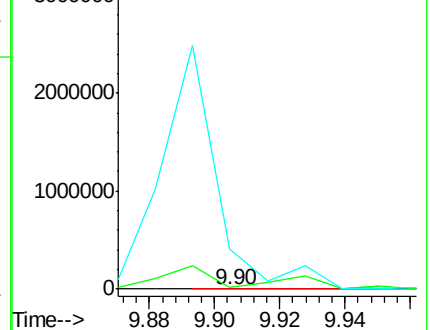
154 30473.7 48.6 73.0#

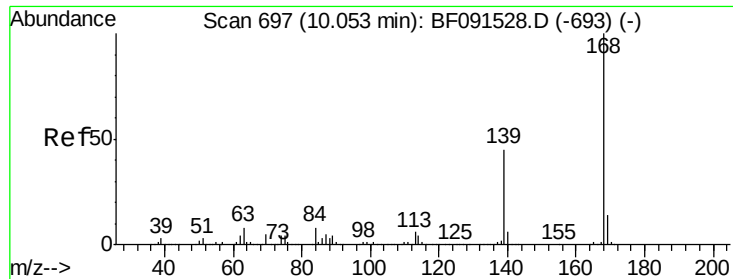


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

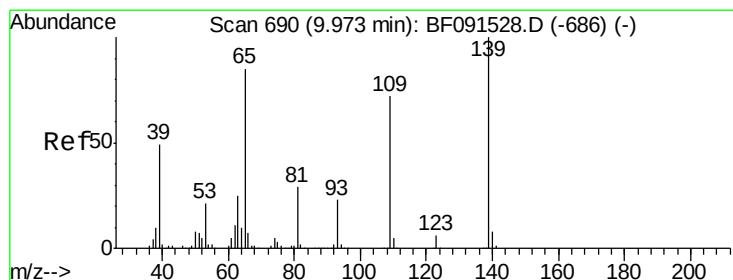
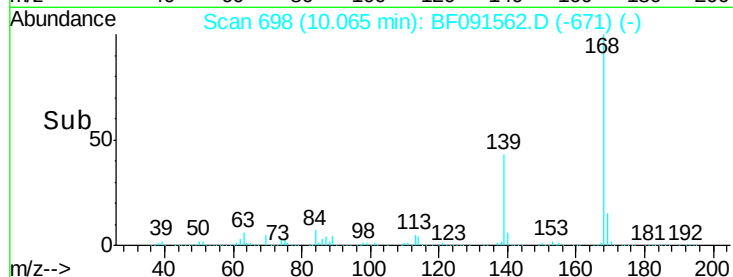
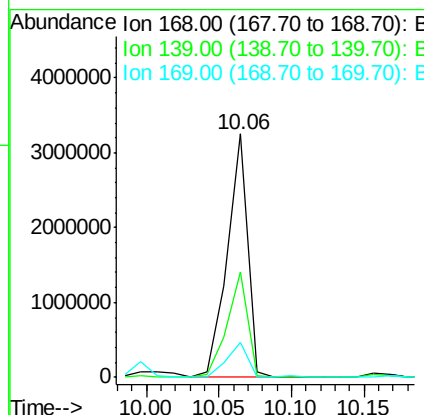
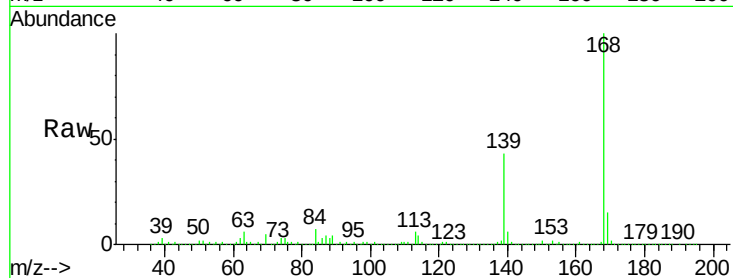




#54
Dibenzenofuran
Concen: 77.89 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF091562.D
Acq: 13 Dec 2016 19:02

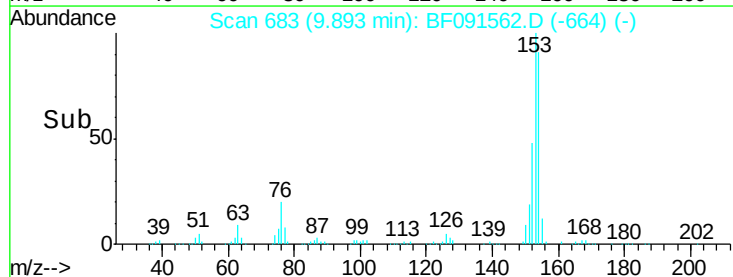
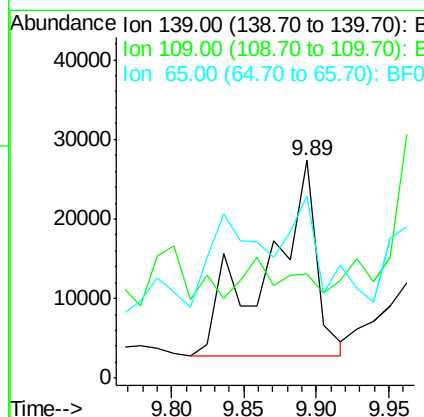
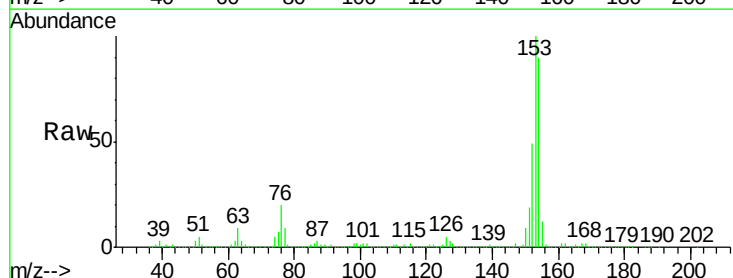
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GW

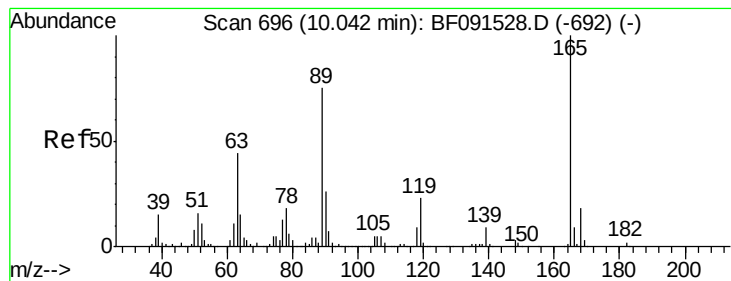
Tgt Ion:168 Resp: 3171073
Ion Ratio Lower Upper
168 100
139 43.5 33.4 50.2
169 14.5 11.1 16.7



#55
4-Nitrophenol
Concen: 8.46 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.08 min
Lab File: BF091562.D
Acq: 13 Dec 2016 19:02

Tgt Ion:139 Resp: 56964
Ion Ratio Lower Upper
139 100
109 47.9 54.9 94.9#
65 83.5 102.2 142.2#





#56

2,4-Dinitrotoluene

Concen: 4.72 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

Tgt Ion:165 Resp: 45521

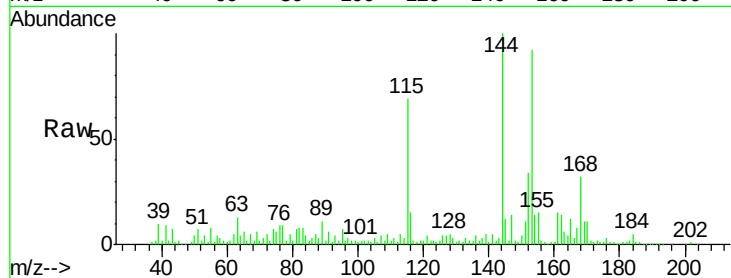
Ion Ratio Lower Upper

165 100

63 106.7 29.0 43.4#

89 89.4 43.1 64.7#

182 12.4 1.9 2.9#

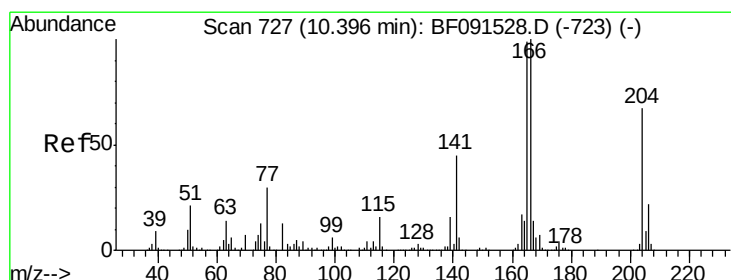
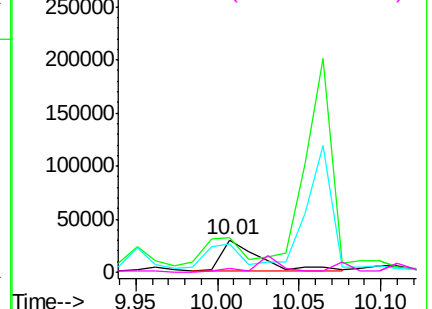
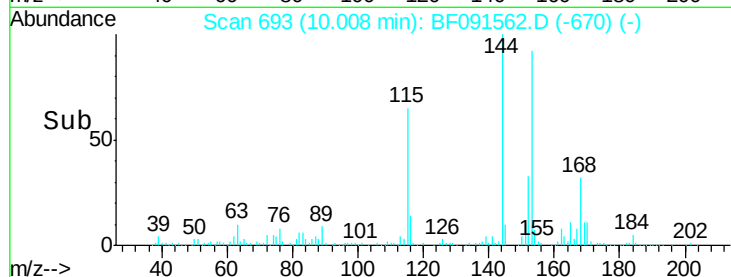


Abundance Ion 165.00 (164.70 to 165.70): E

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: 82.79 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

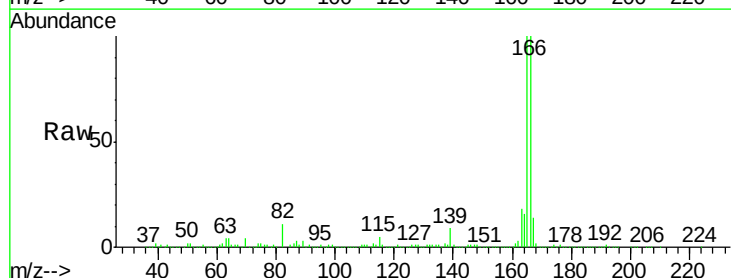
Tgt Ion:166 Resp: 2286591

Ion Ratio Lower Upper

166 100

165 100.3 80.0 120.0

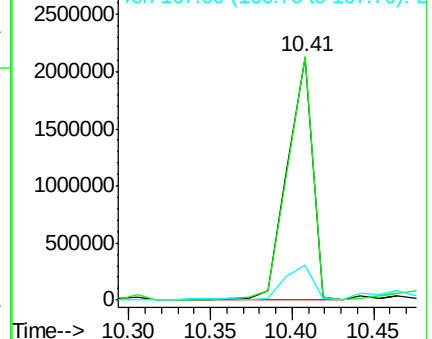
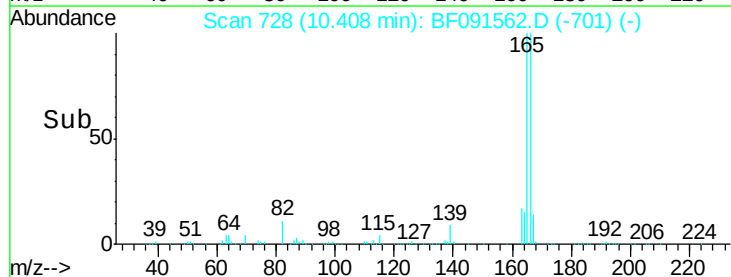
167 14.4 10.8 16.2

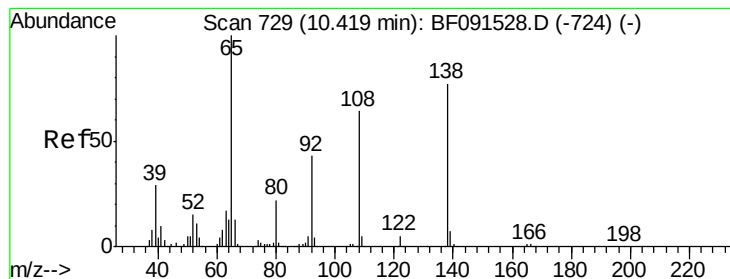


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#61

4-Nitroaniline

Concen: 3.22 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

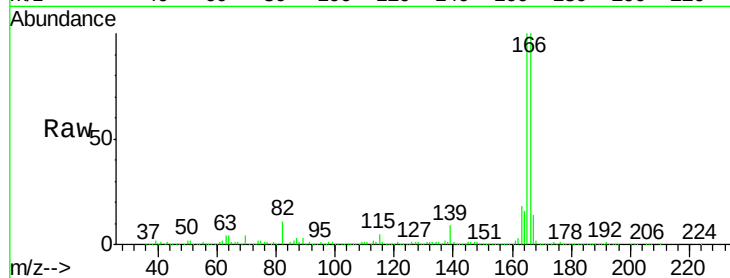
Tgt Ion:138 Resp: 28937

Ion Ratio Lower Upper

138 100

92 21.8 26.9 66.9#

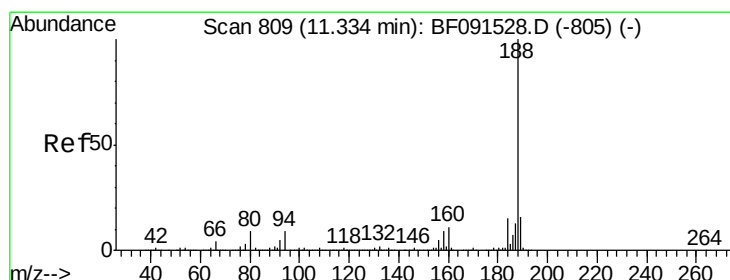
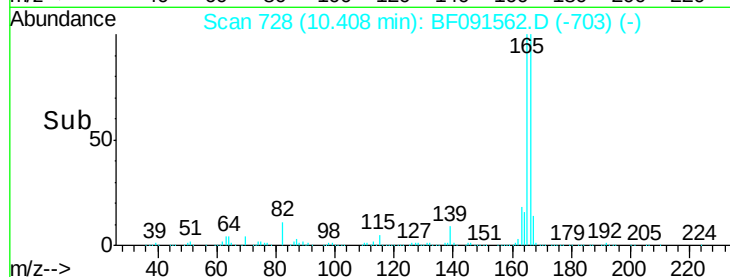
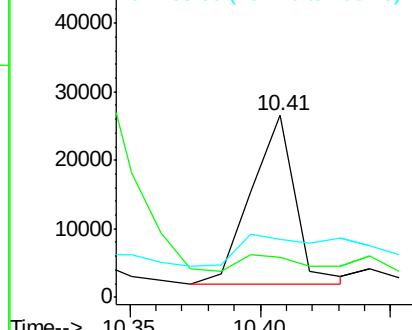
108 32.0 49.1 89.1#



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: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

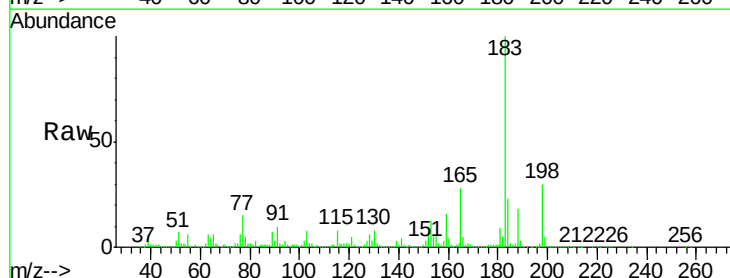
Tgt Ion:188 Resp: 571914

Ion Ratio Lower Upper

188 100

94 15.9 9.2 13.8#

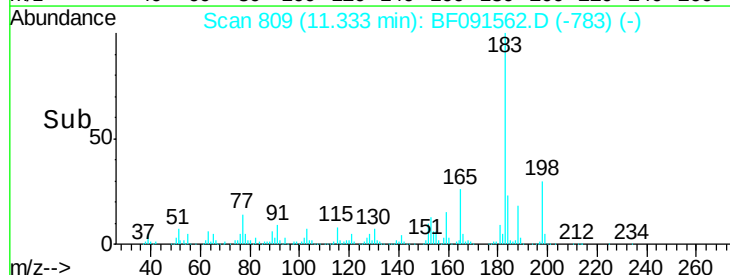
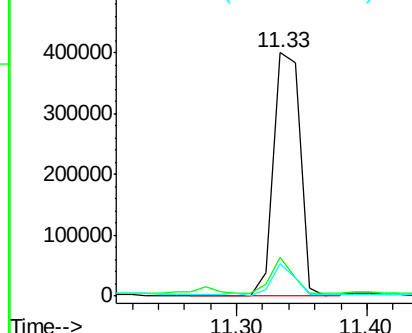
80 13.2 10.5 15.7

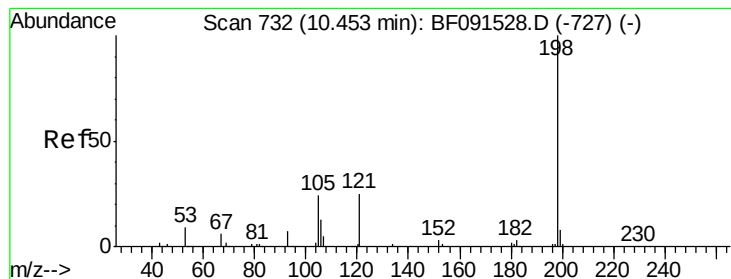


Abundance Ion 188.00 (187.70 to 188.70): E

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: 4.26 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

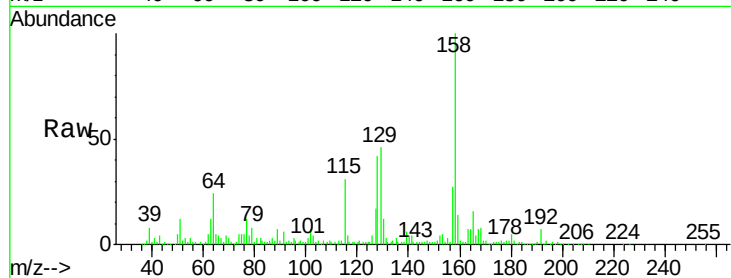
Tgt Ion:198 Resp: 4868

Ion Ratio Lower Upper

198 100

51 1481.1 77.1 117.1#

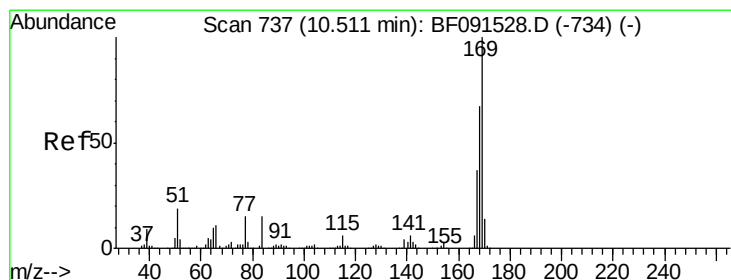
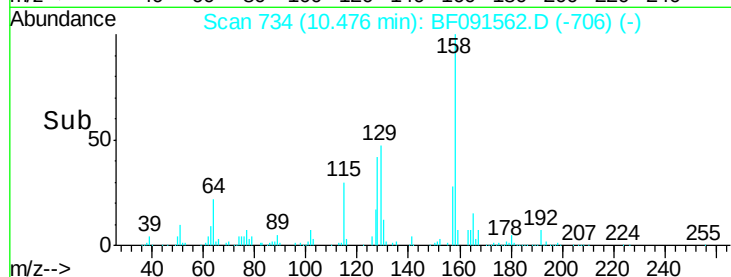
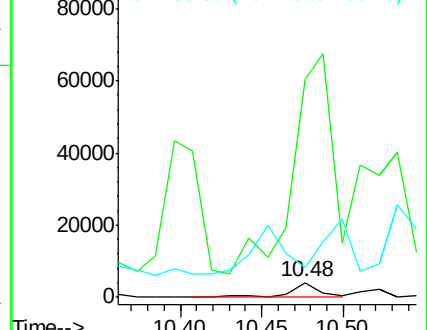
105 204.2 44.8 84.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 4.62 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.05 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

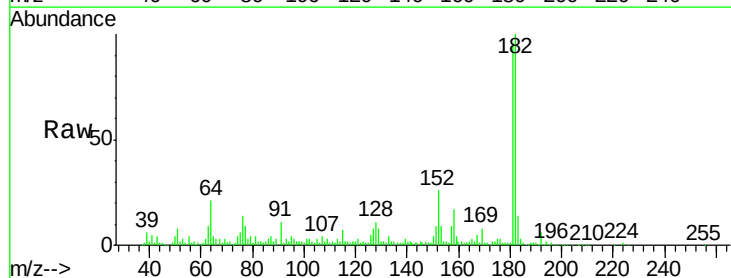
Tgt Ion:169 Resp: 78795

Ion Ratio Lower Upper

169 100

168 14.8 53.8 80.8#

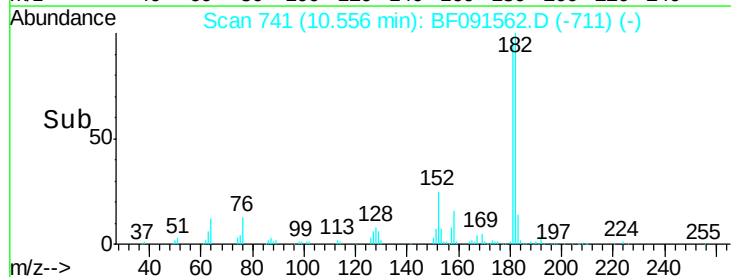
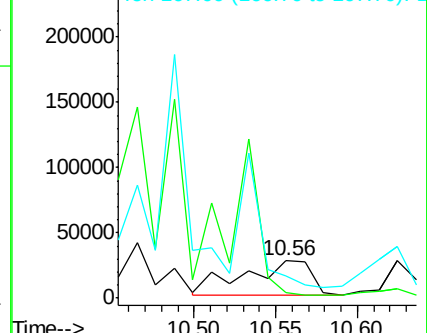
167 59.0 29.8 44.8#

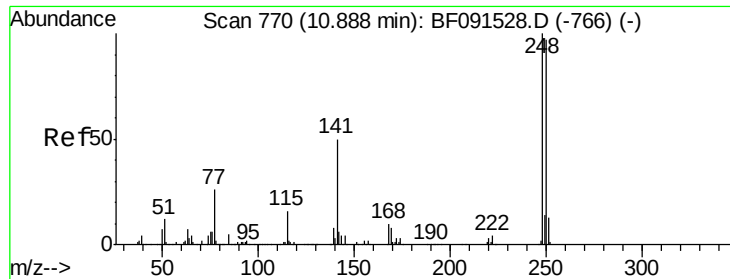


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

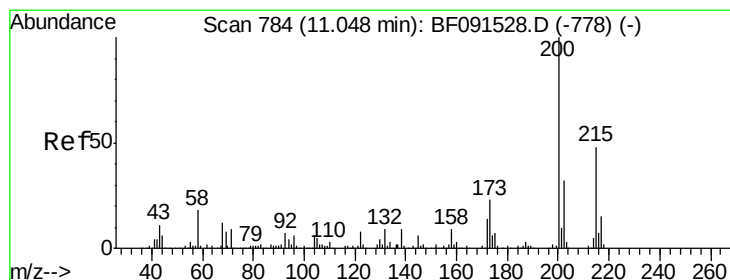
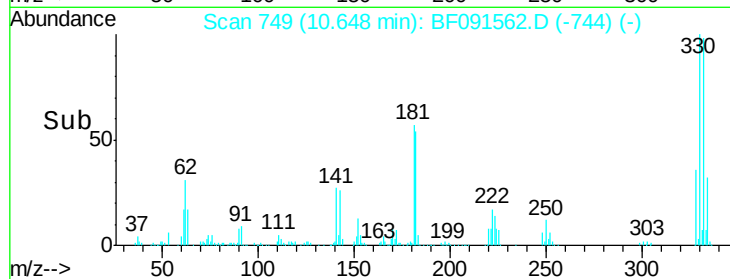
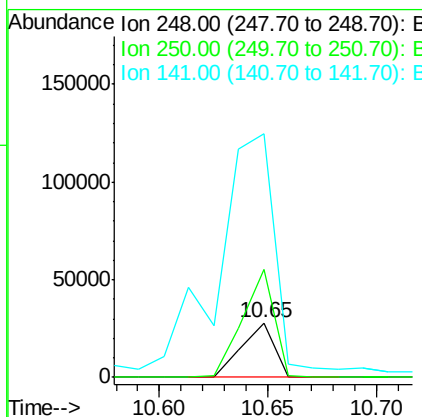
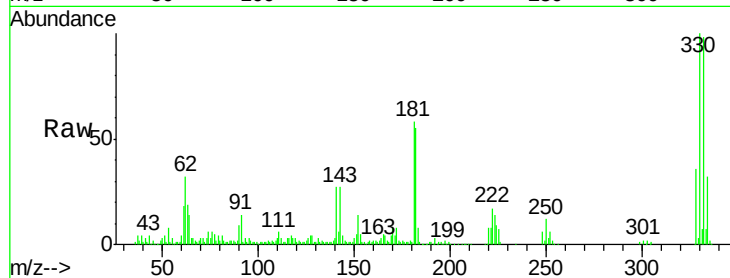




#66
4-Bromophenyl-phenylether
Concen: 4.97 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.24 min
Lab File: BF091562.D
Acq: 13 Dec 2016 19:02

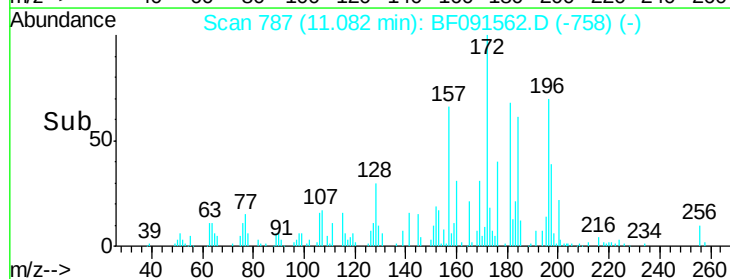
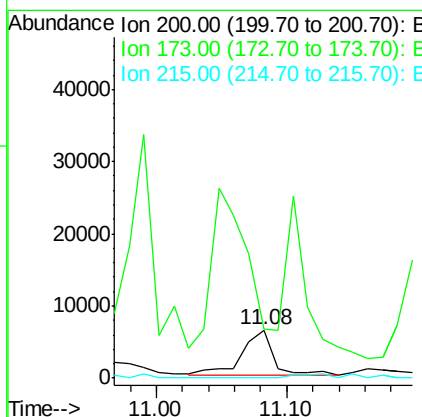
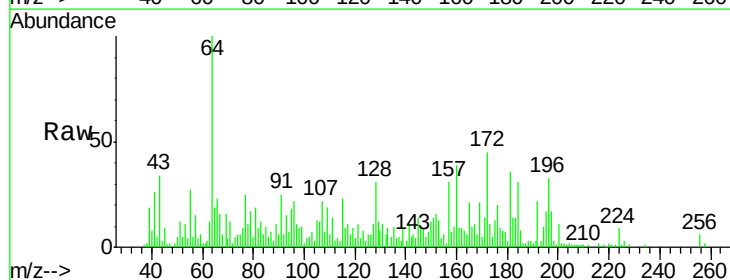
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GW

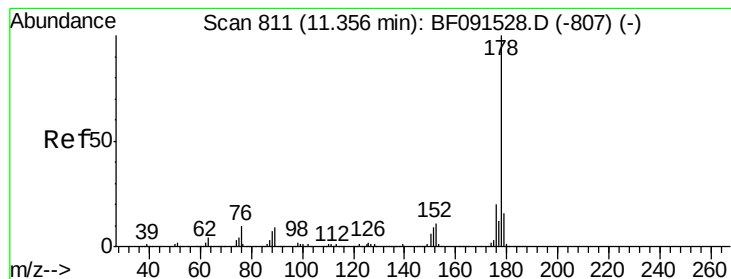
Tgt Ion:248 Resp: 29163
Ion Ratio Lower Upper
248 100
250 199.0 78.2 117.4#
141 449.7 71.9 107.9#



#68
Atrazine
Concen: 2.03 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.03 min
Lab File: BF091562.D
Acq: 13 Dec 2016 19:02

Tgt Ion:200 Resp: 11136
Ion Ratio Lower Upper
200 100
173 103.1 7.8 47.8#
215 0.0 24.3 64.3#





#70

Phenanthrene

Concen: 117.68 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

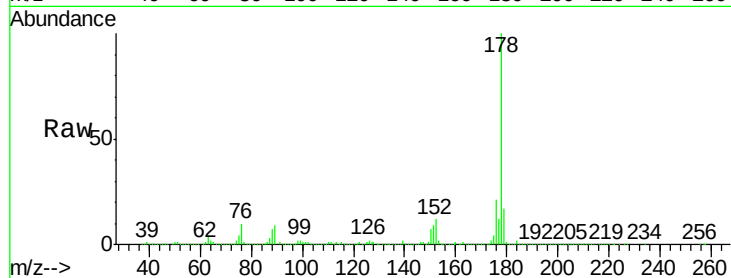
Tgt Ion:178 Resp: 3333020

Ion Ratio Lower Upper

178 100

176 21.3 15.9 23.9

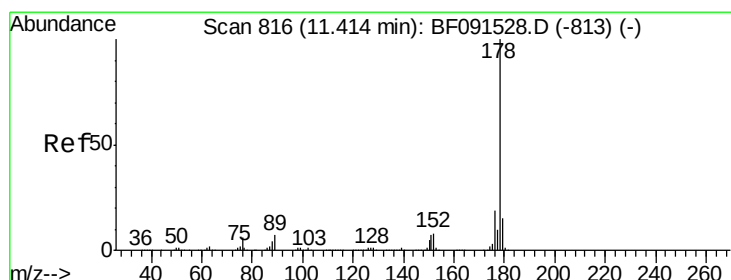
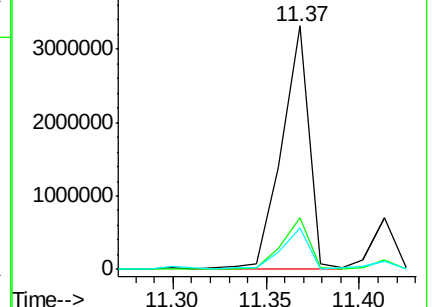
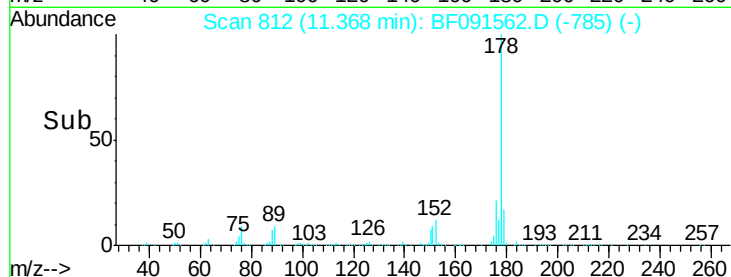
179 16.8 12.6 18.8



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



#71

Anthracene

Concen: 18.67 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

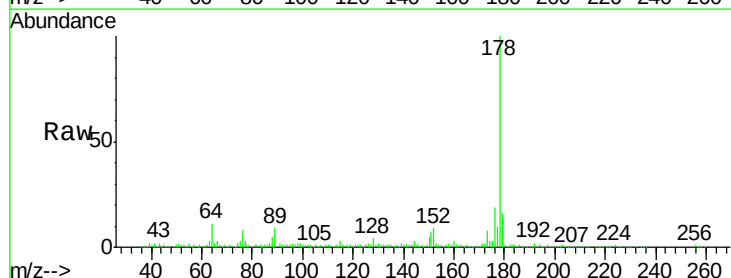
Tgt Ion:178 Resp: 570430

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.6

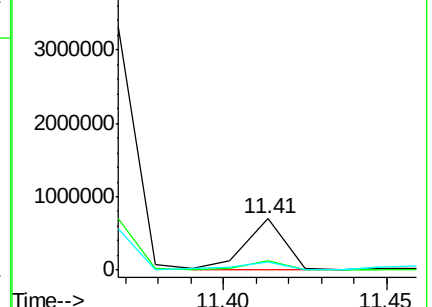
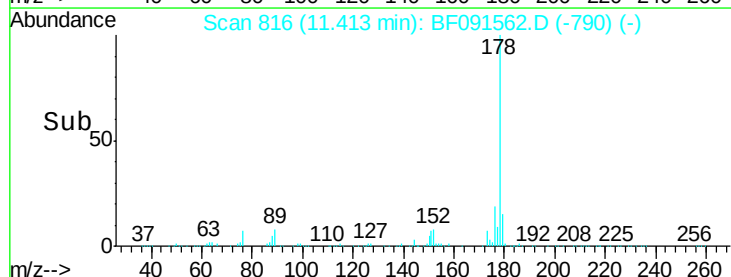
179 15.8 12.7 19.1

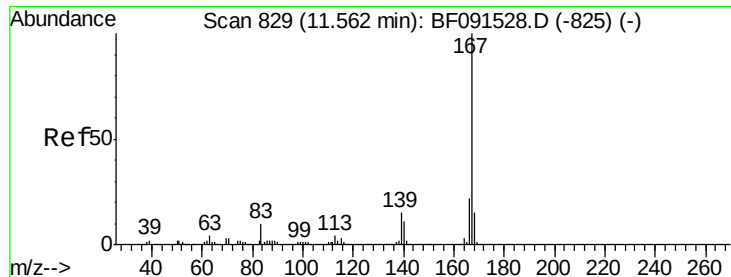


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 60.78 ng

RT: 11.57 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

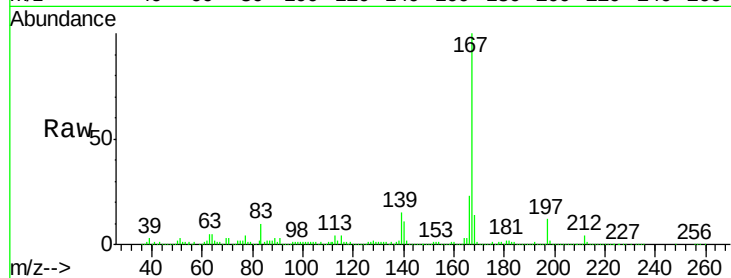
Tgt Ion:167 Resp: 1627364

Ion Ratio Lower Upper

167 100

166 22.7 18.1 27.1

139 14.8 11.5 17.3

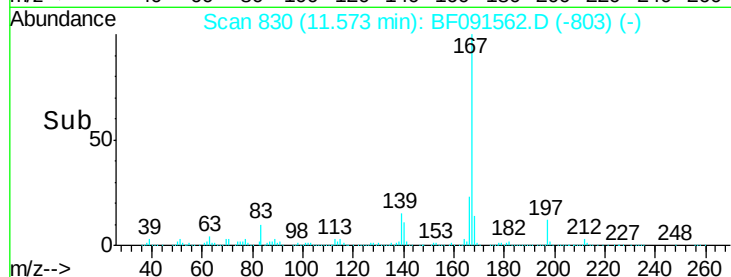


Abundance Ion 167.00 (166.70 to 167.70): E

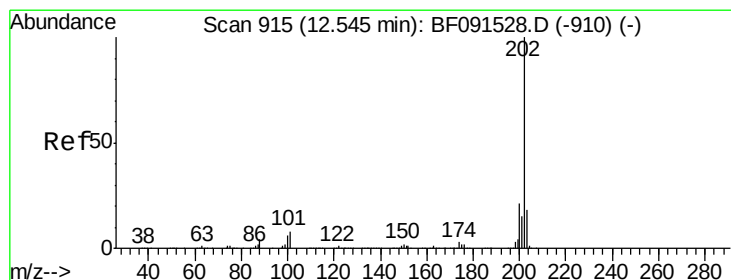
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



Time-->



#74

Fluoranthene

Concen: 12.87 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.02 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

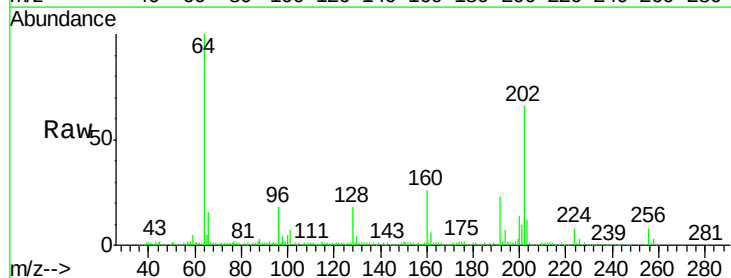
Tgt Ion:202 Resp: 381794

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.5

203 17.8 0.0 37.8

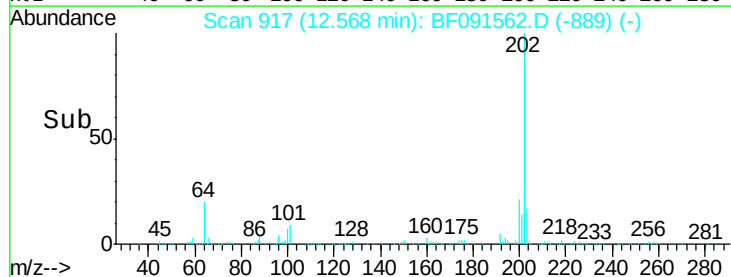


Abundance Ion 202.00 (201.70 to 202.70): E

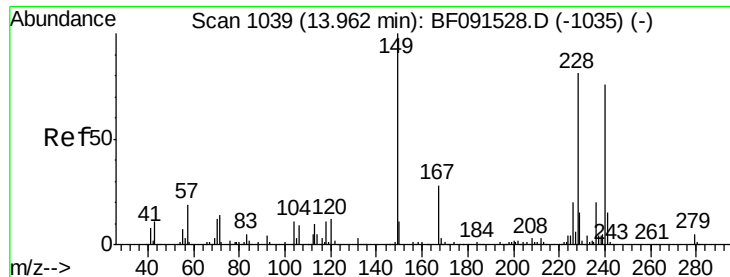
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

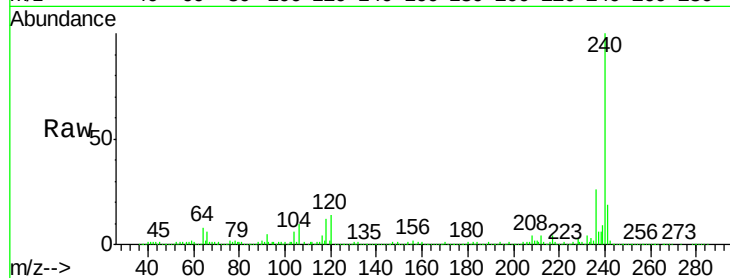
Tgt Ion:240 Resp: 624292

Ion Ratio Lower Upper

240 100

120 13.7 12.1 18.1

236 26.1 21.0 31.6



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

800000

600000

400000

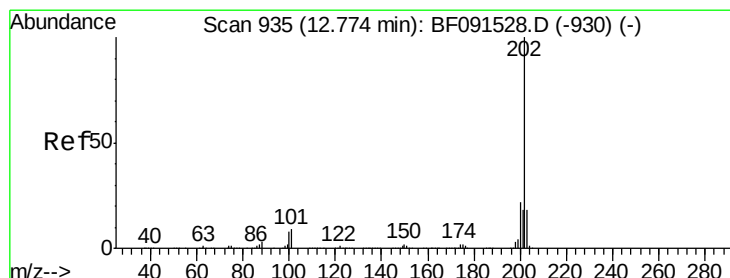
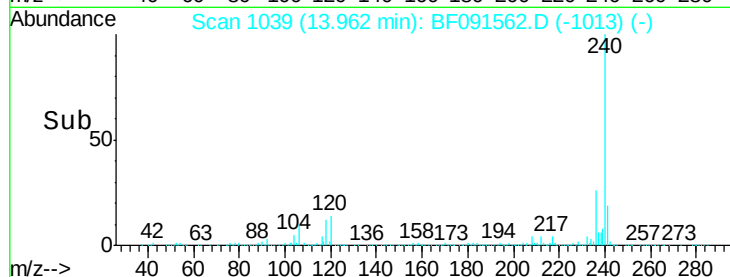
200000

0

13.96

13.90 14.00 14.10

Time-->



#77

Pyrene

Concen: 5.36 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

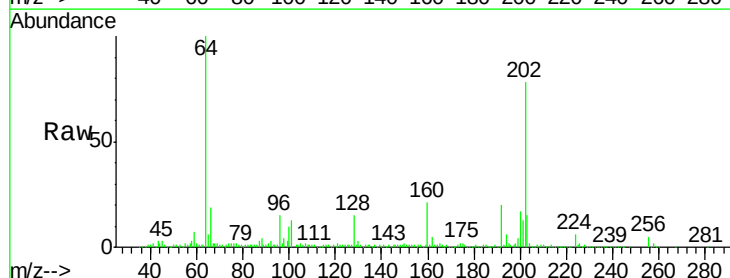
Tgt Ion:202 Resp: 265548

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

203 18.9 14.0 21.0



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

400000

300000

200000

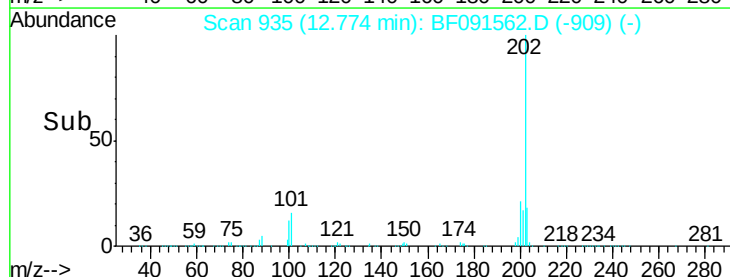
100000

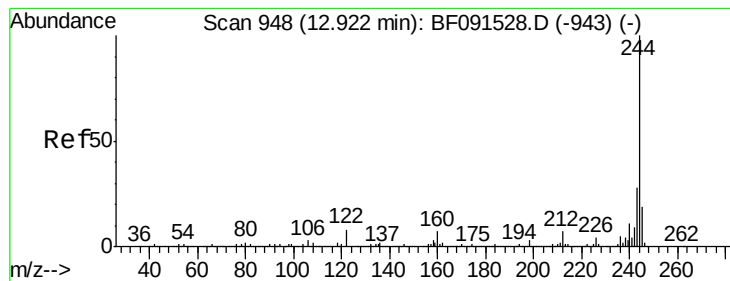
0

12.77

12.70 12.80

Time-->





#78

Terphenyl-d14

Concen: 45.05 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW26S-GW

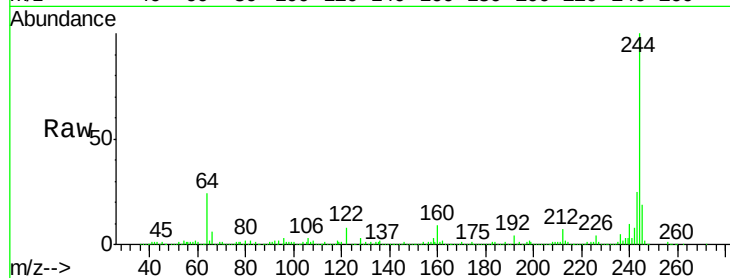
Tgt Ion:244 Resp: 1239532

Ion Ratio Lower Upper

244 100

212 6.9 6.5 9.7

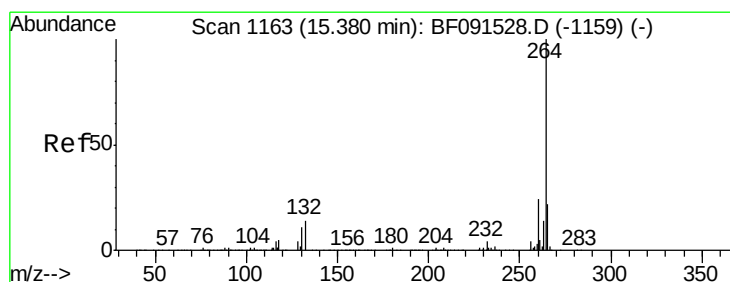
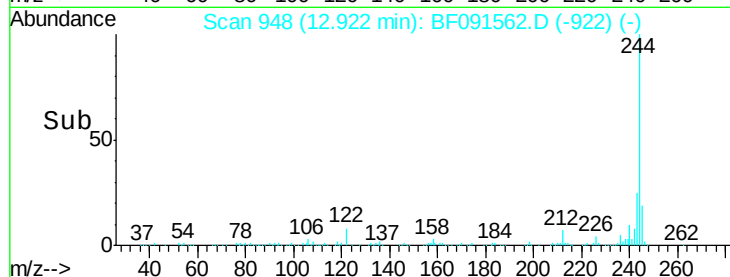
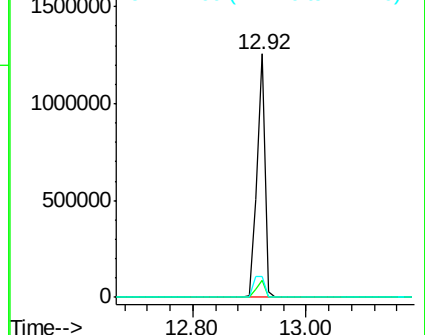
122 8.5 9.5 14.3#



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: 15.38 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF091562.D

Acq: 13 Dec 2016 19:02

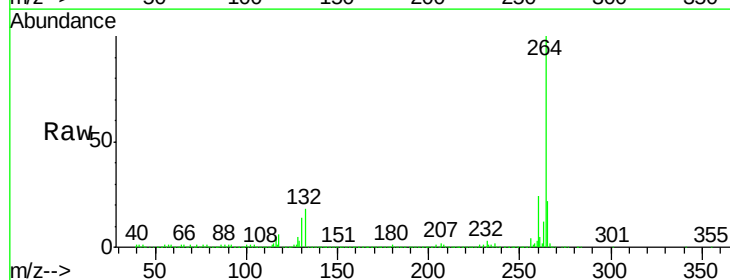
Tgt Ion:264 Resp: 669195

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.6 17.0 25.6



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

