

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
 Data File : BF091227.D
 Acq On : 17 Nov 2016 22:05
 Operator : UM/SJ
 Sample : H5681-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WQ-3W

Quant Time: Nov 18 03:09:24 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

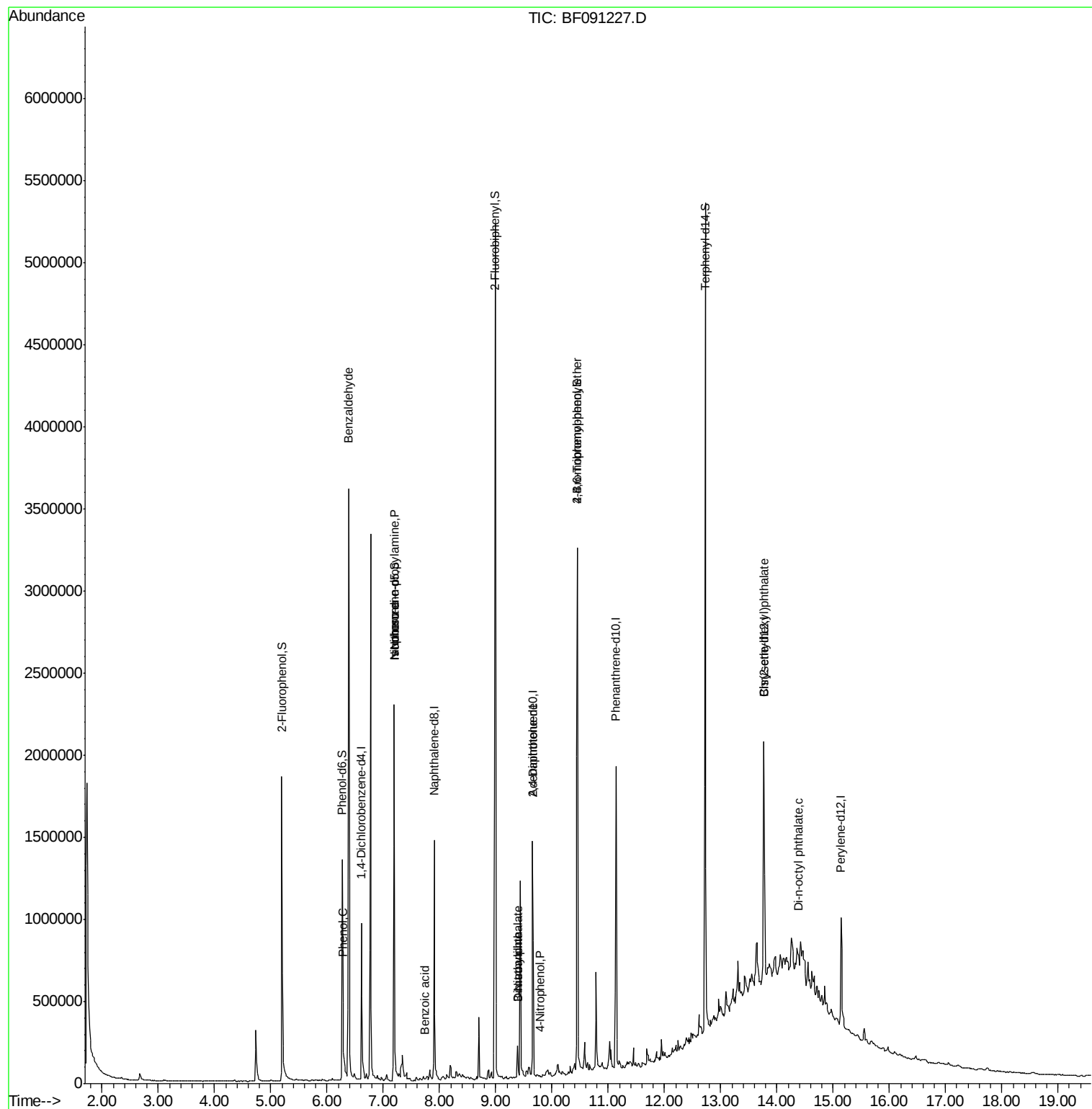
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	189169	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	736928	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	387195	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	688476	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	466244	20.00	ng	-0.05
86) Perylene-d12	15.14	264	347167	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	651605	56.89	ng	-0.05
7) Phenol-d6	6.27	99	574329	36.94	ng	-0.05
23) Nitrobenzene-d5	7.20	82	1062171	78.63	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	517409	147.81	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	1779282	79.11	ng	-0.05
78) Terphenyl-d14	12.73	244	1763203	94.37	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.38	77	25220	2.92	ng	Qvalue 85
10) Phenol	6.28	94	37909	2.20	ng	84
19) n-Nitroso-di-n-propylamine	7.20	70	141465	13.13	ng	# 74
25) Isophorone	7.20	82	1026835	39.45	ng	# 67
32) Benzoic acid	7.74	122	523	5.13	ng	# 71
49) Dimethylphthalate	9.39	163	78088	3.08	ng	98
52) 3-Nitroaniline	9.39	138	13435	2.08	ng	# 19
55) 4-Nitrophenol	9.79	139	243	5.78	ng	# 31
56) 2,4-Dinitrotoluene	9.65	165	50010	7.22	ng	# 27
66) 4-Bromophenyl-phenylether	10.45	248	36077	5.04	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.77	149	89509	4.53	ng	100
84) Di-n-octyl phthalate	14.39	149	84052	2.59	ng	# 72

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

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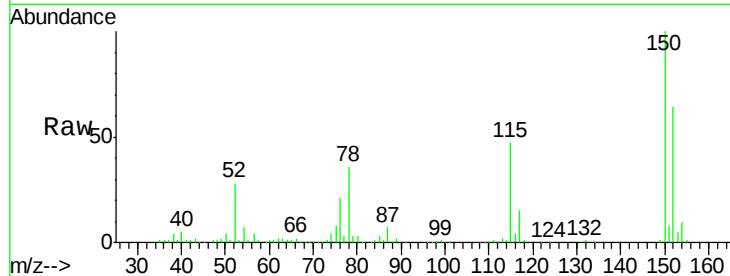




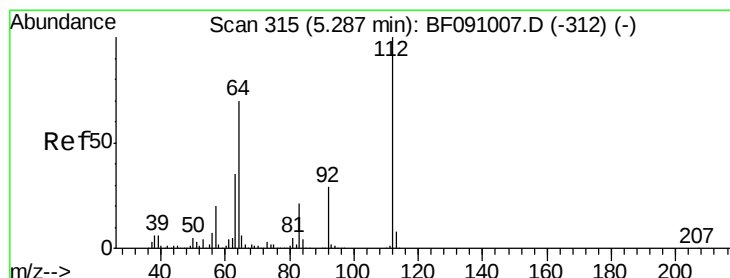
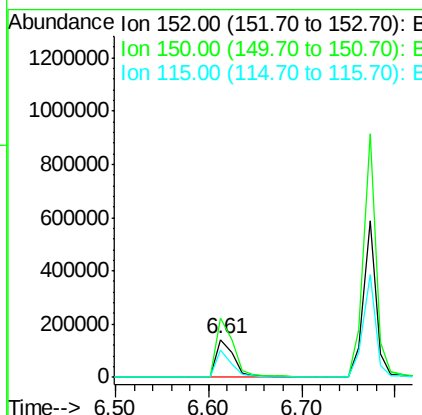
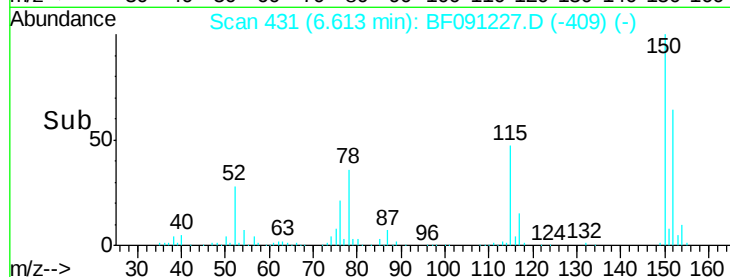
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.61 min Scan# 431
 Delta R.T. -0.05 min
 Lab File: BF091227.D
 Acq: 17 Nov 2016 22:05

Instrument :
 BNA_F
 ClientSampleId :
 WQ-3W

Tgt Ion:152 Resp: 189169
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.8 190.2
 115 73.1 53.3 79.9

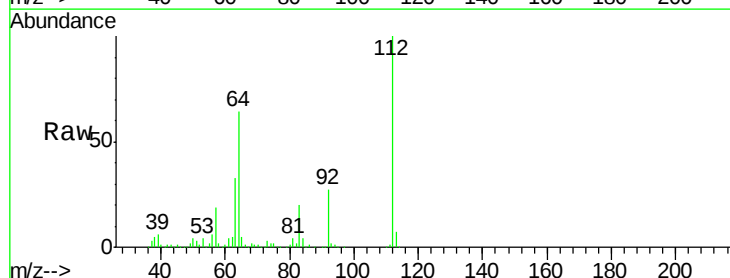


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

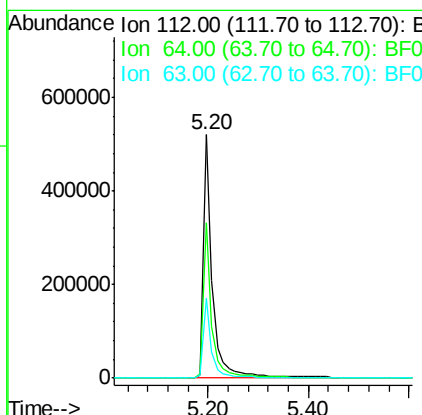
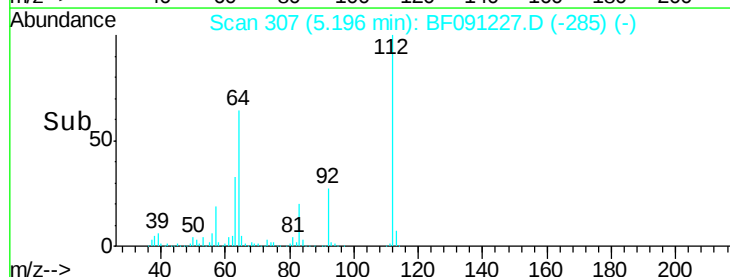


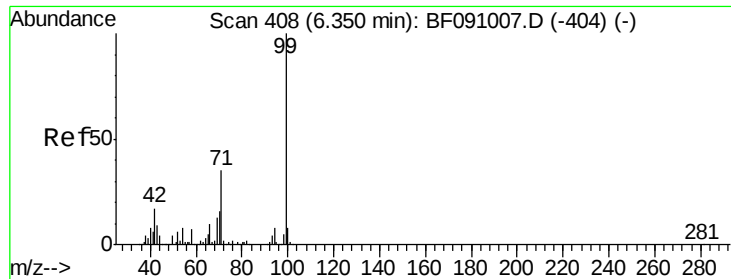
#5
 2-Fluorophenol
 Concen: 56.89 ng
 RT: 5.20 min Scan# 307
 Delta R.T. -0.05 min
 Lab File: BF091227.D
 Acq: 17 Nov 2016 22:05

Tgt Ion:112 Resp: 651605
 Ion Ratio Lower Upper
 112 100
 64 63.8 55.8 83.6
 63 32.6 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: 36.94 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091227.D

Acq: 17 Nov 2016 22:05

Instrument :

BNA_F

ClientSampleId :

WQ-3W

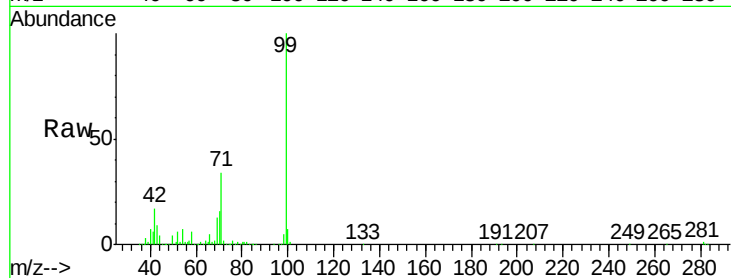
Tgt Ion: 99 Resp: 574329

Ion Ratio Lower Upper

99 100

42 17.0 13.9 20.9

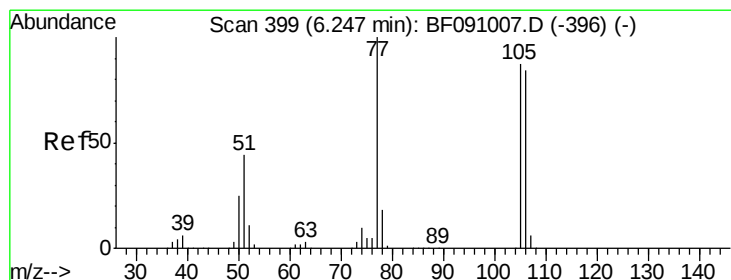
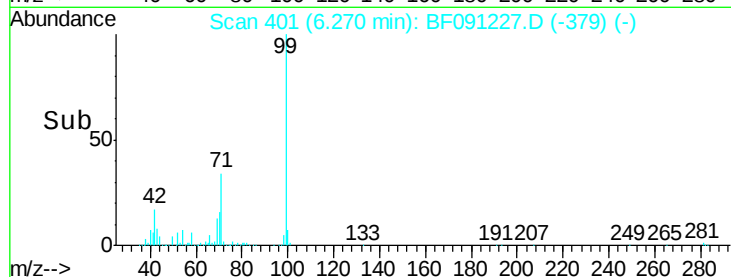
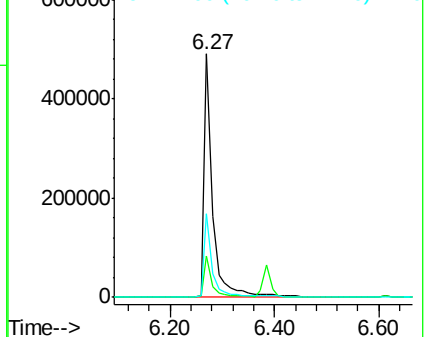
71 34.3 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.92 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.18 min

Lab File: BF091227.D

Acq: 17 Nov 2016 22:05

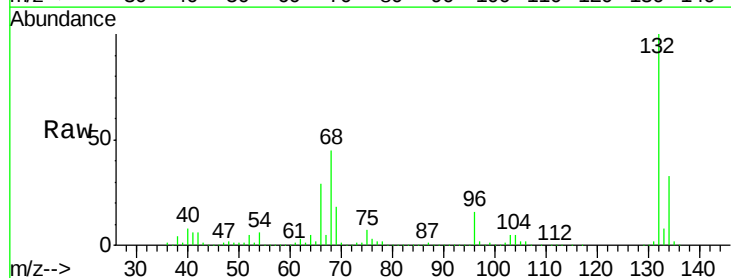
Tgt Ion: 77 Resp: 25220

Ion Ratio Lower Upper

77 100

105 76.3 66.8 106.8

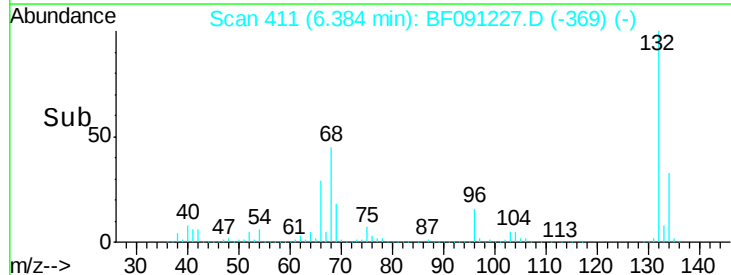
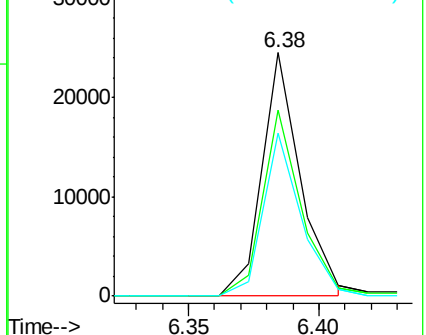
106 67.1 64.0 104.0

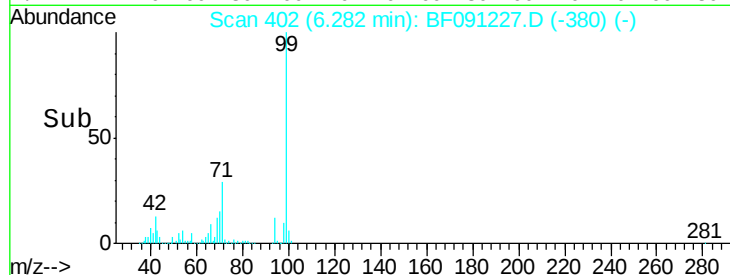
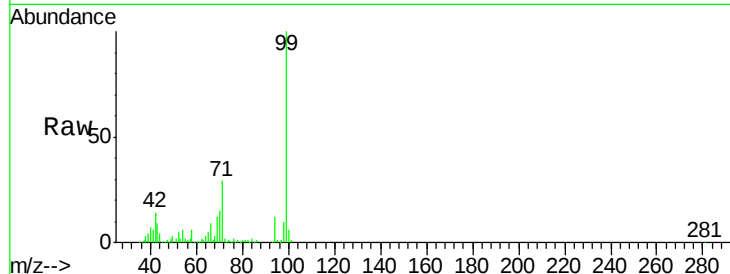
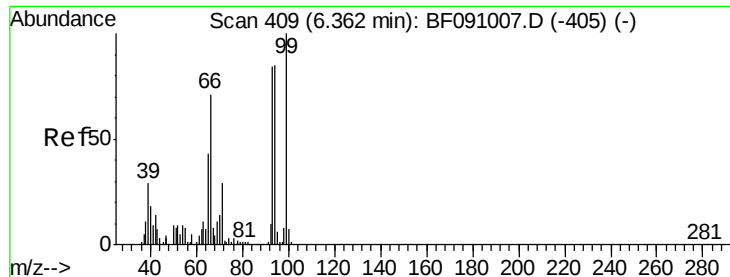


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.20 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.05 min

Lab File: BF091227.D

Acq: 17 Nov 2016 22:05

Instrument :

BNA_F

ClientSampleId :

WQ-3W

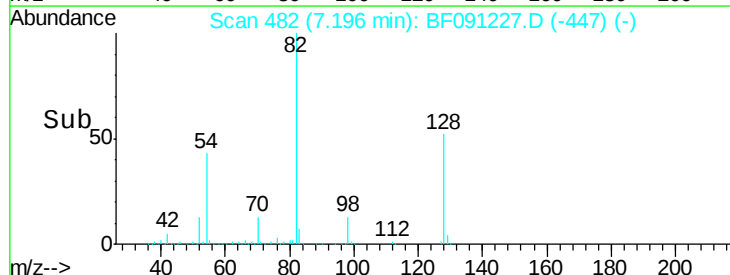
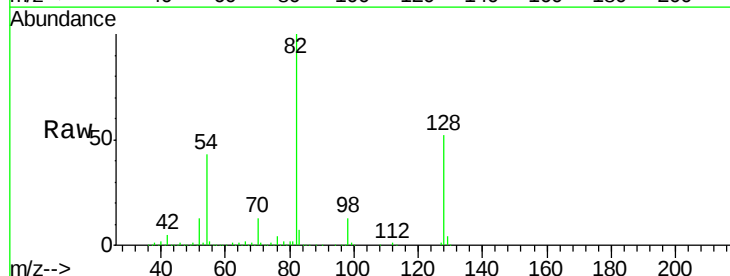
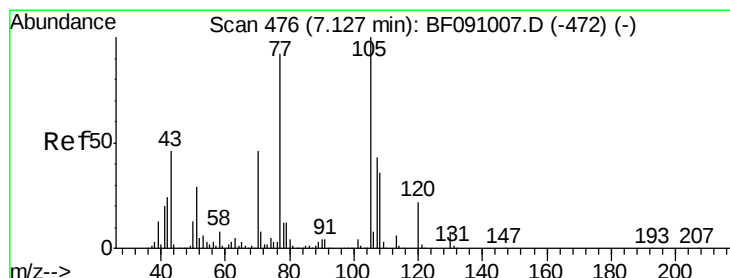
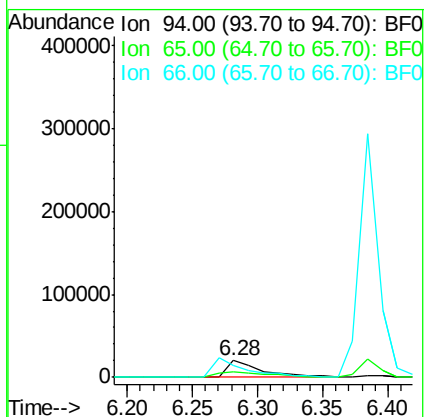
Tgt Ion: 94 Resp: 37909

Ion Ratio Lower Upper

94 100

65 36.4 30.4 70.4

66 71.2 62.9 102.9



#19

n-Nitroso-di-n-propylamine

Concen: 13.13 ng

RT: 7.20 min Scan# 482

Delta R.T. 0.10 min

Lab File: BF091227.D

Acq: 17 Nov 2016 22:05

Tgt Ion: 70 Resp: 141465

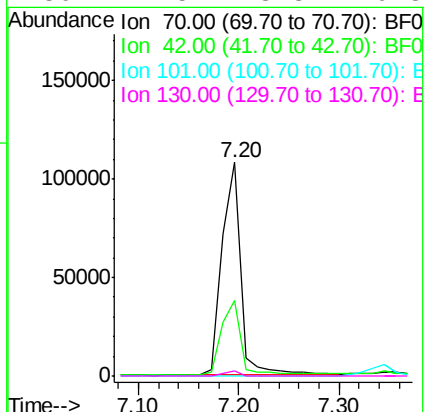
Ion Ratio Lower Upper

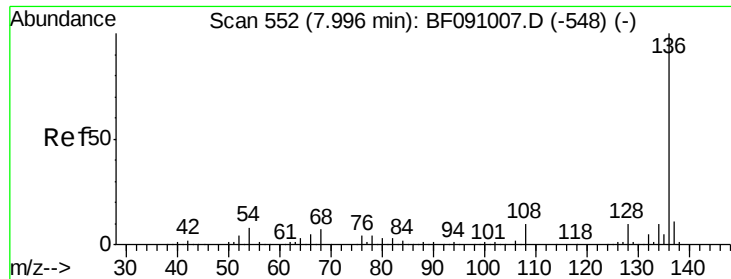
70 100

42 35.4 41.7 62.5#

101 0.0 6.7 10.1#

130 2.5 13.8 20.8#

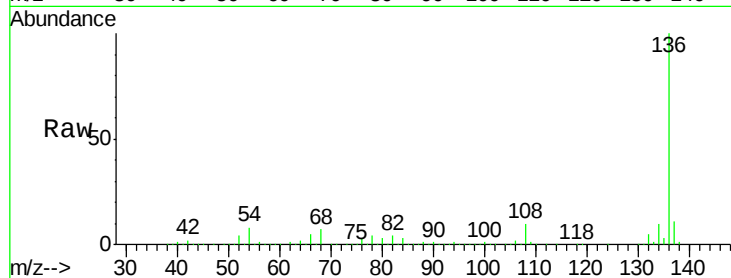




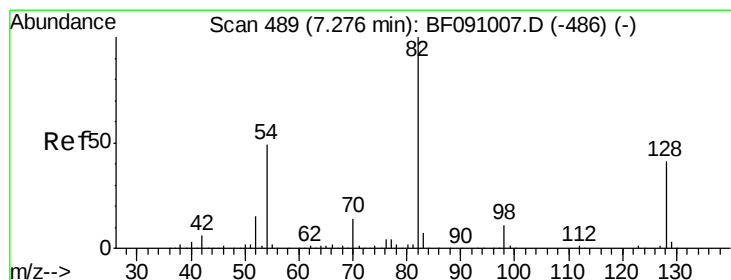
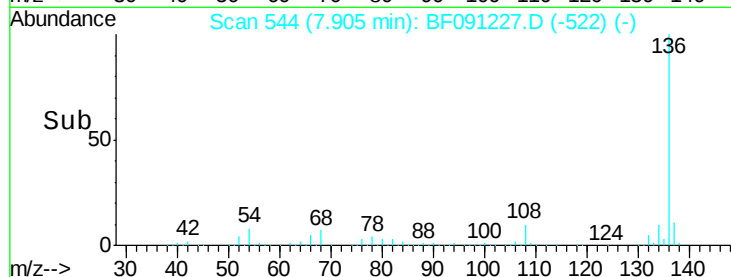
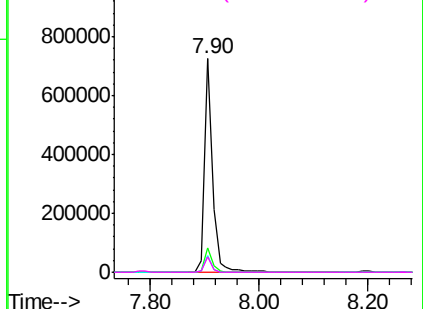
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.05 min
Lab File: BF091227.D
Acq: 17 Nov 2016 22:05

Instrument :
BNA_F
ClientSampleId :
WQ-3W

Tgt Ion:	136	Resp:	736928
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.8	6.2	9.2
68	7.2	5.5	8.3

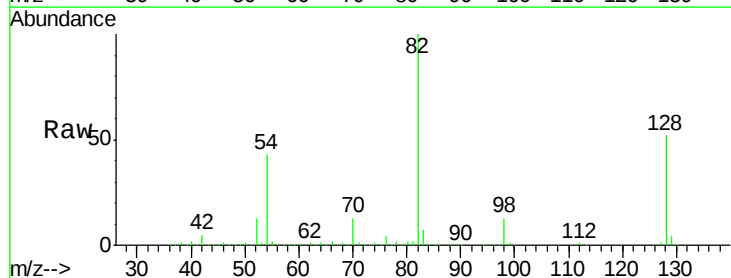


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

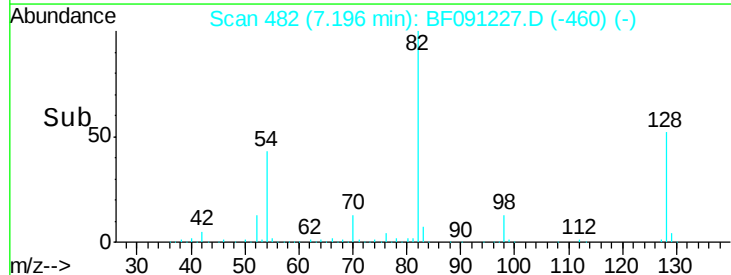
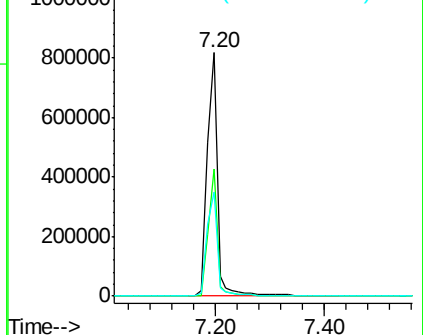


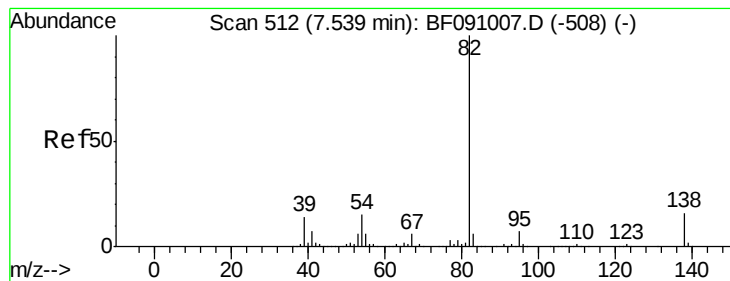
#23
Nitrobenzene-d5
Concen: 78.63 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF091227.D
Acq: 17 Nov 2016 22:05

Tgt Ion:	82	Resp:	1062171
Ion	Ratio	Lower	Upper
82	100		
128	52.3	32.4	48.6#
54	42.8	39.2	58.8



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





#25

Isophorone

Concen: 39.45 ng

RT: 7.20 min Scan# 482

Delta R.T. -0.30 min

Lab File: BF091227.D

Acq: 17 Nov 2016 22:05

Instrument :

BNA_F

ClientSampleId :

WQ-3W

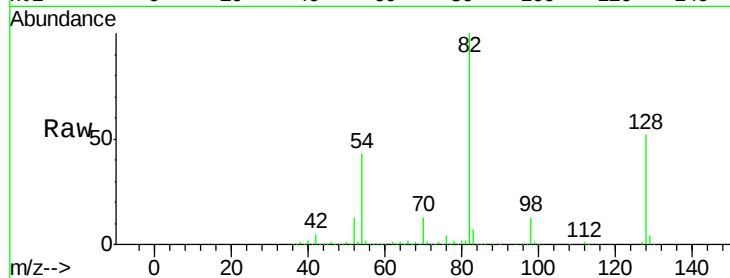
Tgt Ion: 82 Resp: 1026835

Ion Ratio Lower Upper

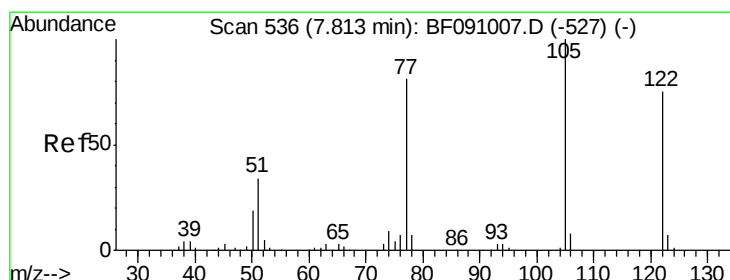
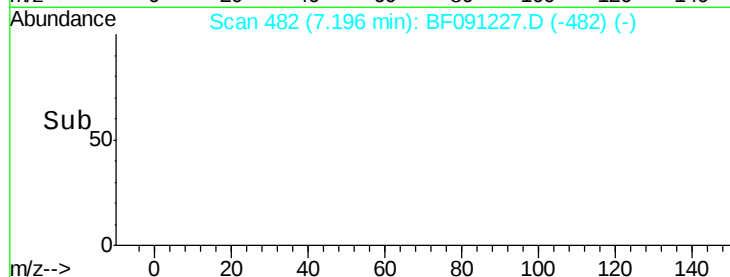
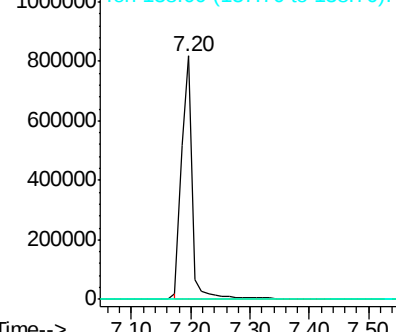
82 100

95 0.0 5.4 8.0#

138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 5.13 ng

RT: 7.74 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF091227.D

Acq: 17 Nov 2016 22:05

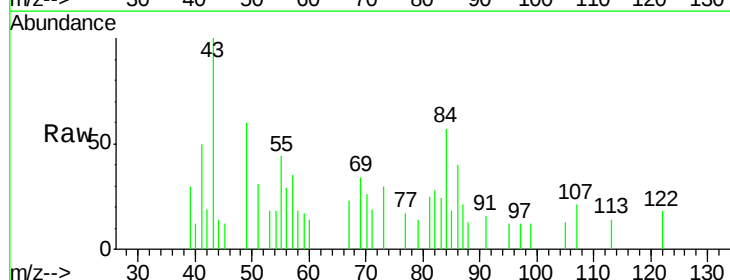
Tgt Ion: 122 Resp: 523

Ion Ratio Lower Upper

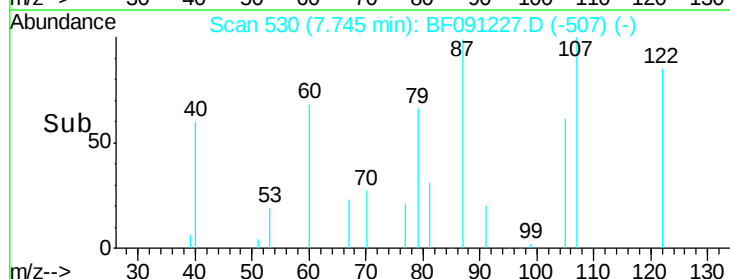
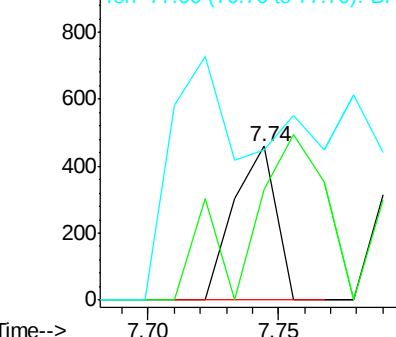
122 100

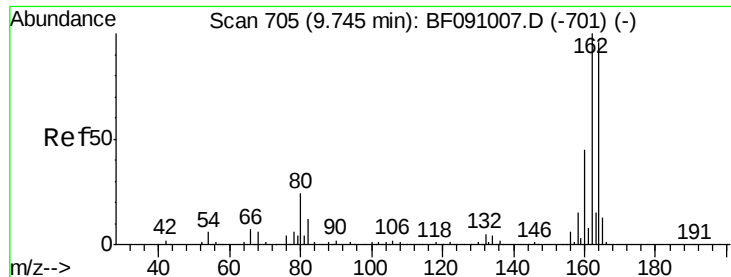
105 71.7 105.9 145.9#

77 97.8 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

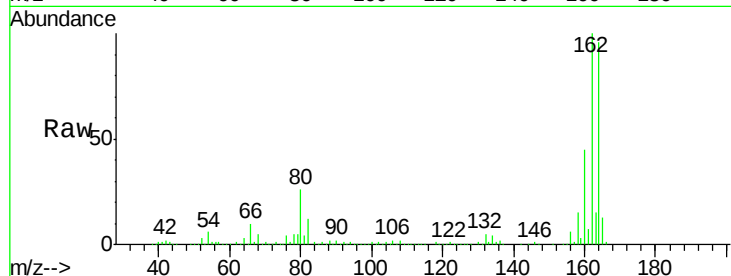




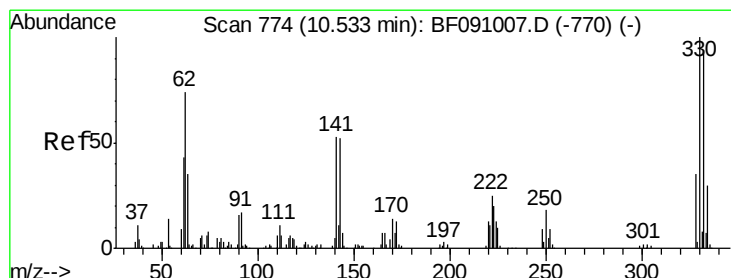
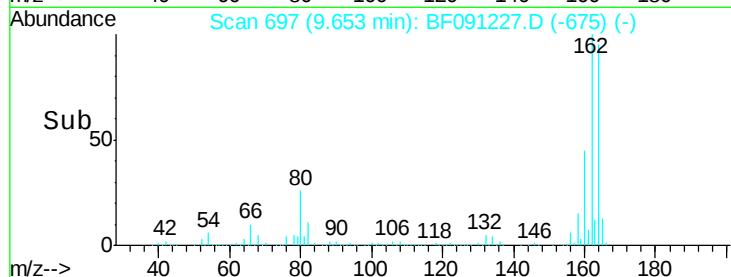
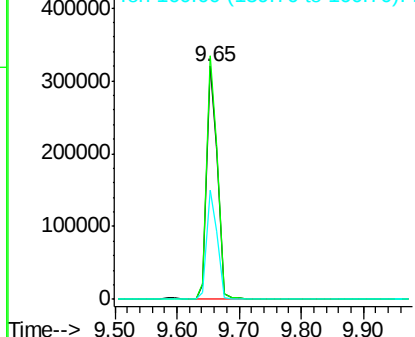
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF091227.D
Acq: 17 Nov 2016 22:05

Instrument :
BNA_F
ClientSampleId :
WQ-3W

Tgt Ion:164 Resp: 387195
Ion Ratio Lower Upper
164 100
162 104.5 83.6 125.4
160 46.9 37.9 56.9

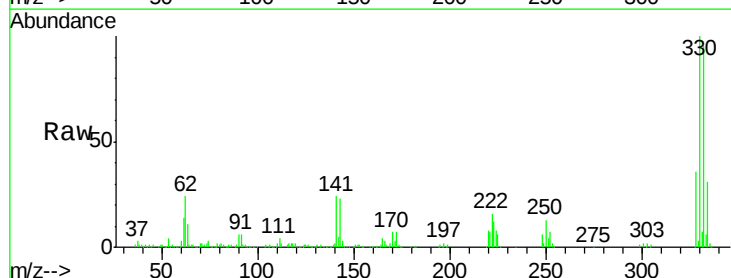


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

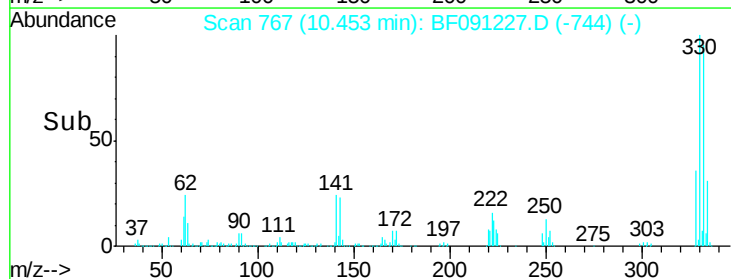
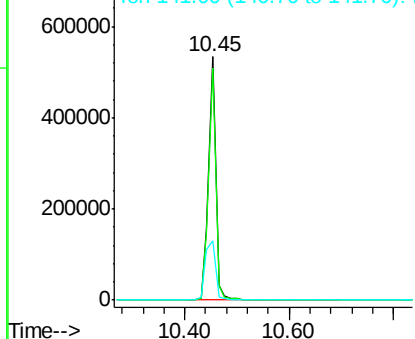


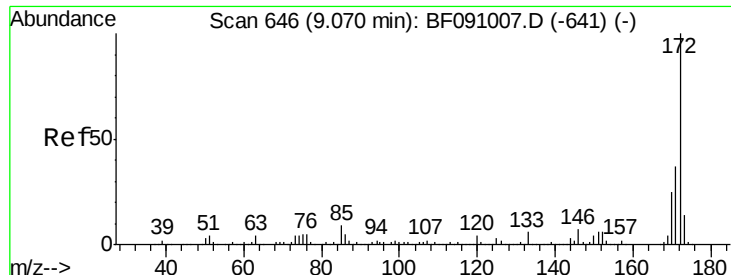
#41
2,4,6-Tribromophenol
Concen: 147.81 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF091227.D
Acq: 17 Nov 2016 22:05

Tgt Ion:330 Resp: 517409
Ion Ratio Lower Upper
330 100
332 95.0 75.9 113.9
141 34.6 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

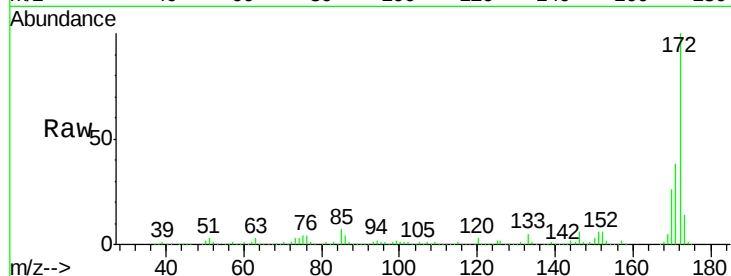




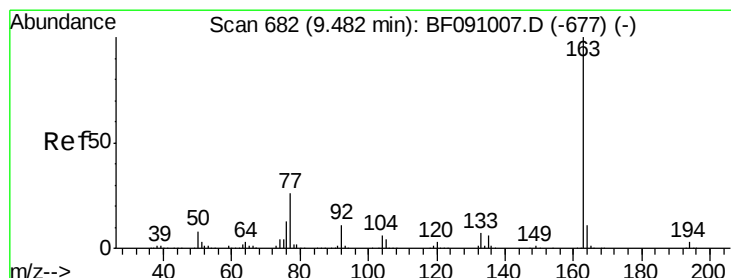
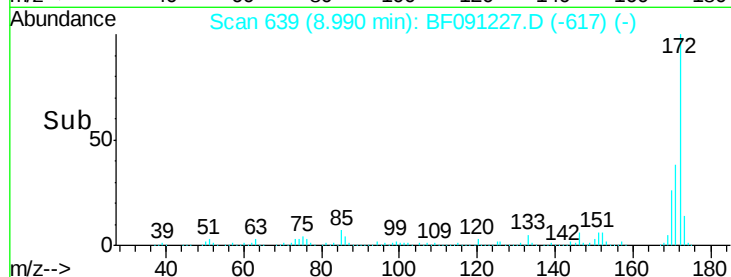
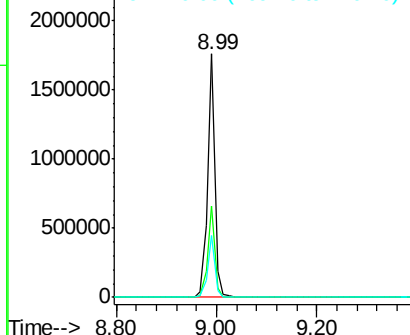
#44
 2-Fluorobiphenyl
 Concen: 79.11 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091227.D
 Acq: 17 Nov 2016 22:05

Instrument :
 BNA_F
 ClientSampleId :
 WQ-3W

Tgt Ion:172 Resp: 1779282
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.8 44.6
 170 25.6 20.3 30.5

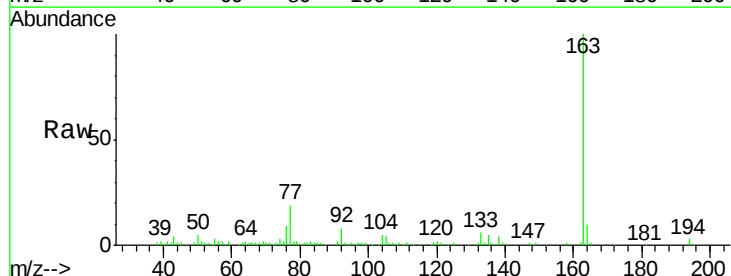


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

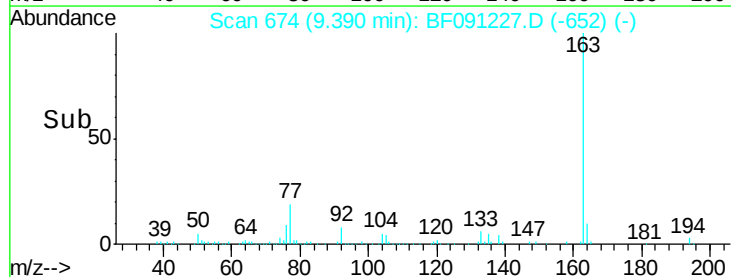
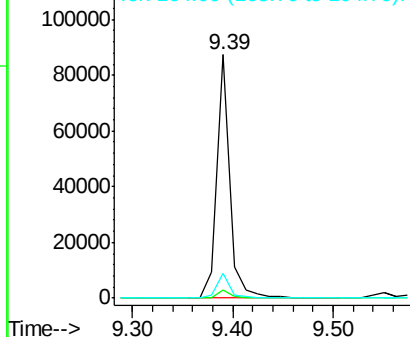


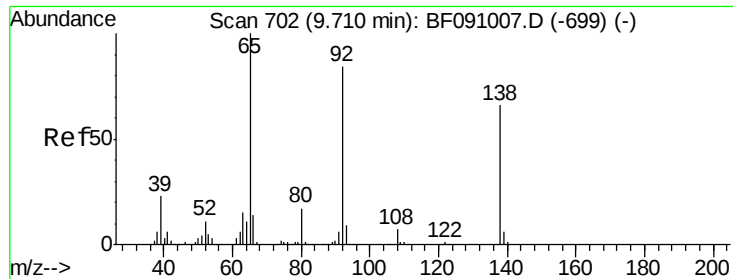
#49
 Dimethylphthalate
 Concen: 3.08 ng
 RT: 9.39 min Scan# 674
 Delta R.T. -0.05 min
 Lab File: BF091227.D
 Acq: 17 Nov 2016 22:05

Tgt Ion:163 Resp: 78088
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.1 8.7 13.1



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

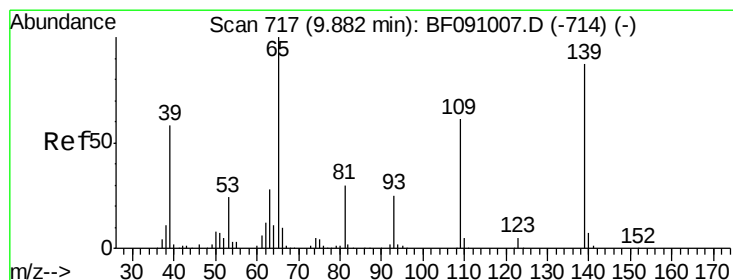
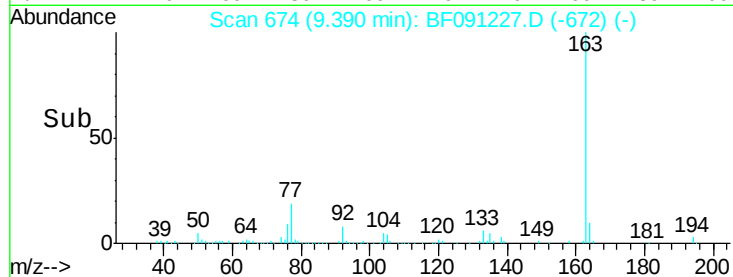
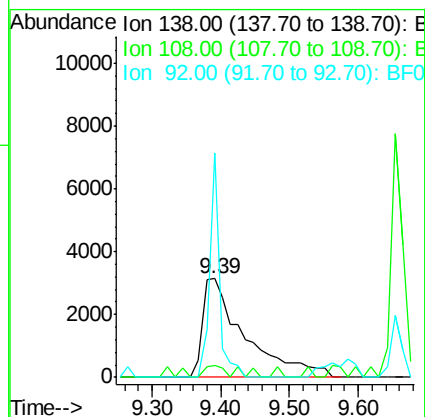
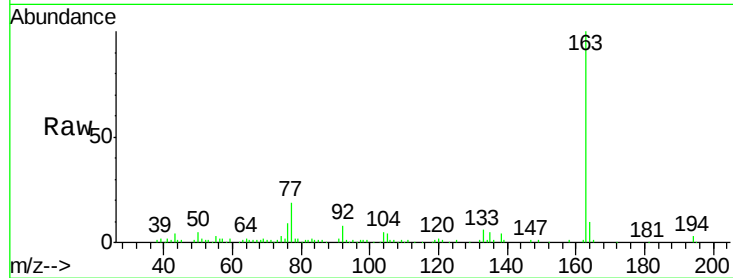




#52
3-Nitroaniline
Concen: 2.08 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.27 min
Lab File: BF091227.D
Acq: 17 Nov 2016 22:05

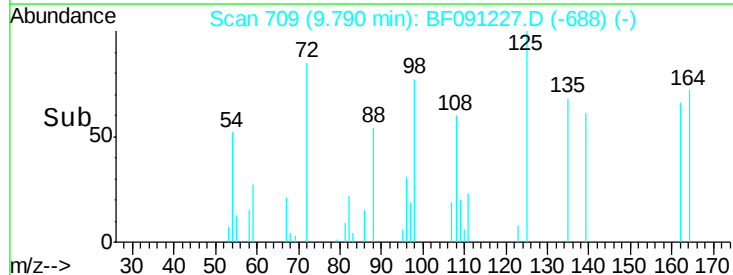
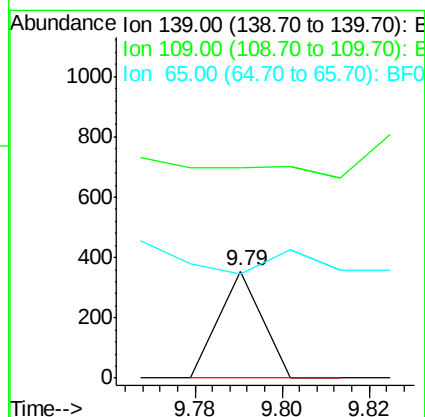
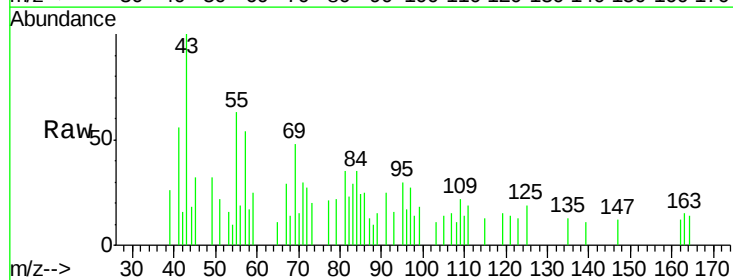
Instrument :
BNA_F
ClientSampleId :
WQ-3W

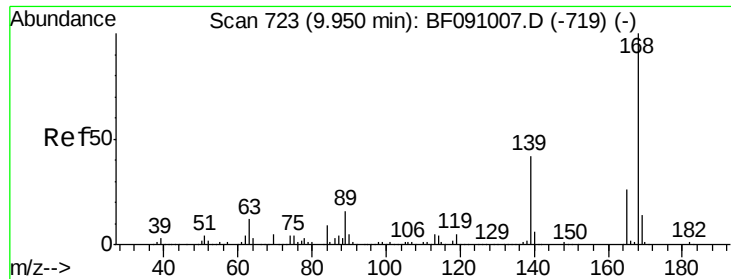
Tgt Ion:138 Resp: 13435
Ion Ratio Lower Upper
138 100
108 11.5 8.4 12.6
92 227.0 101.1 151.7#



#55
4-Nitrophenol
Concen: 5.78 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.06 min
Lab File: BF091227.D
Acq: 17 Nov 2016 22:05

Tgt Ion:139 Resp: 243
Ion Ratio Lower Upper
139 100
109 197.2 50.5 90.5#
65 97.2 97.1 137.1

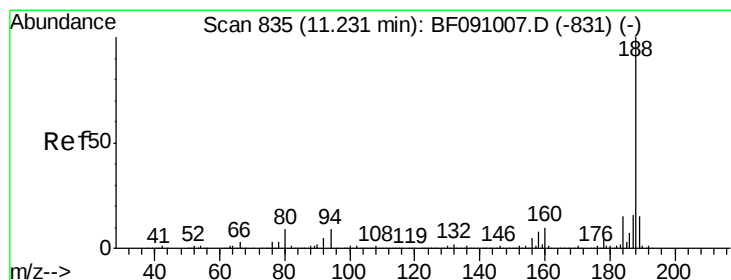
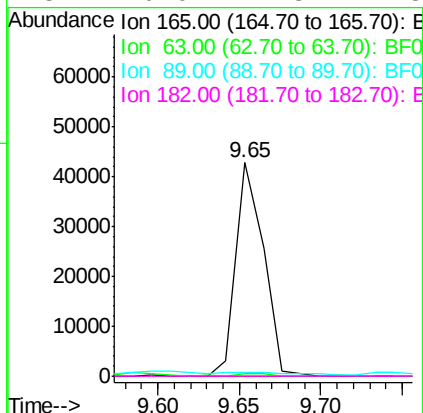
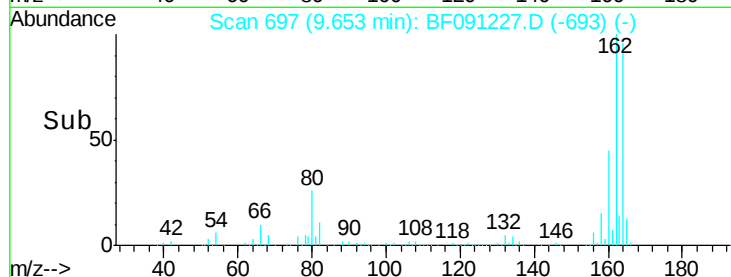
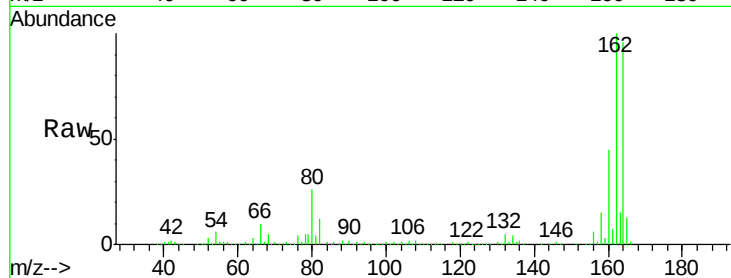




#56
2,4-Dinitrotoluene
Concen: 7.22 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.25 min
Lab File: BF091227.D
Acq: 17 Nov 2016 22:05

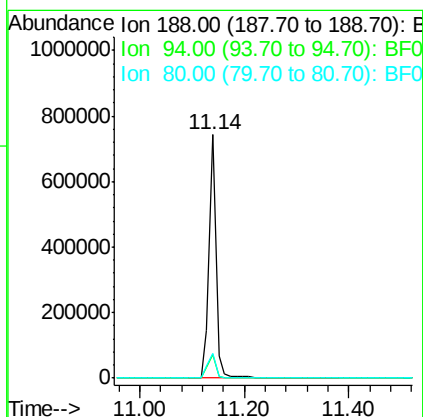
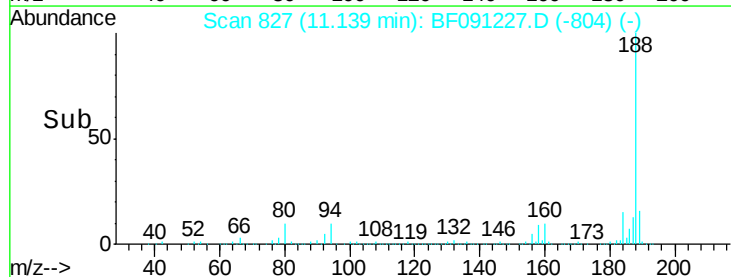
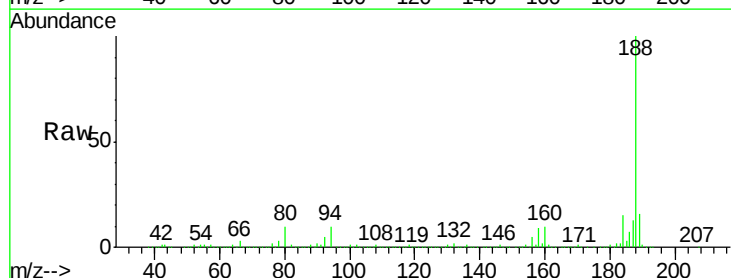
Instrument :
BNA_F
ClientSampleId :
WQ-3W

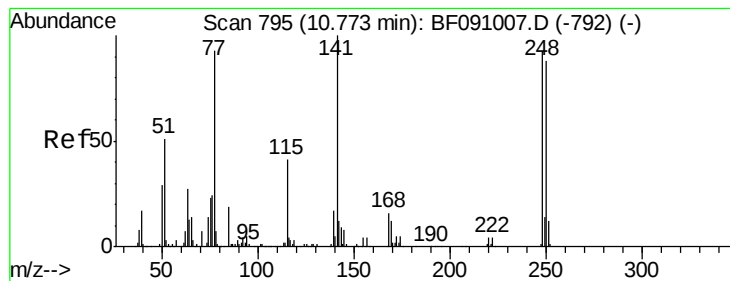
Tgt Ion:165 Resp: 50010
Ion Ratio Lower Upper
165 100
63 1.3 38.7 58.1#
89 2.1 50.6 76.0#
182 0.0 1.8 2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091227.D
Acq: 17 Nov 2016 22:05

Tgt Ion:188 Resp: 688476
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.3 7.5 11.3





#66

4-Bromophenyl-phenylether

Concen: 5.04 ng

RT: 10.45 min Scan# 767

Delta R.T. -0.27 min

Lab File: BF091227.D

Acq: 17 Nov 2016 22:05

Instrument :

BNA_F

ClientSampleId :

WQ-3W

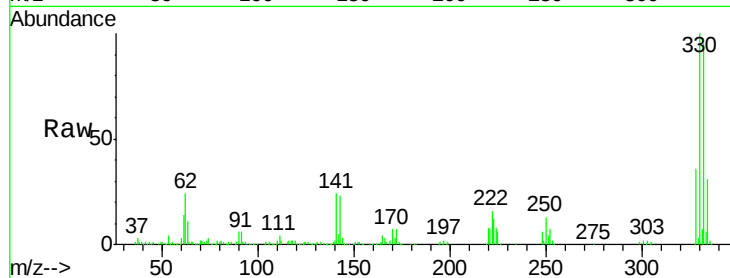
Tgt Ion:248 Resp: 36077

Ion Ratio Lower Upper

248 100

250 204.1 76.3 114.5#

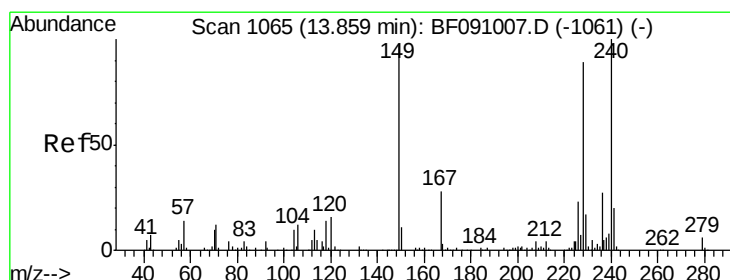
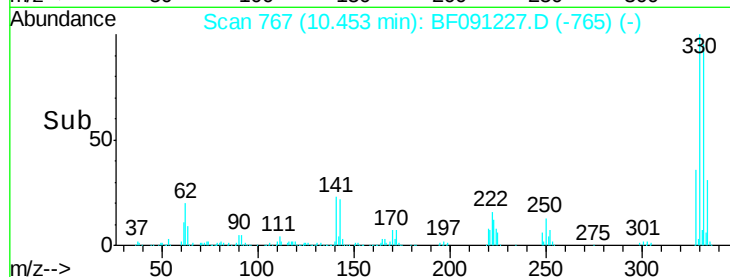
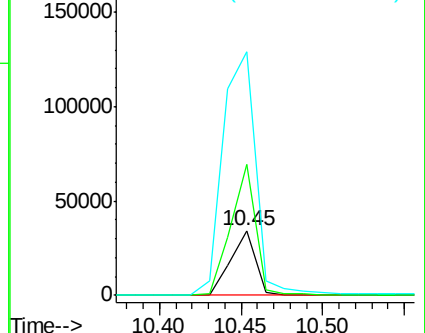
141 377.8 86.8 130.2#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1057

Delta R.T. -0.05 min

Lab File: BF091227.D

Acq: 17 Nov 2016 22:05

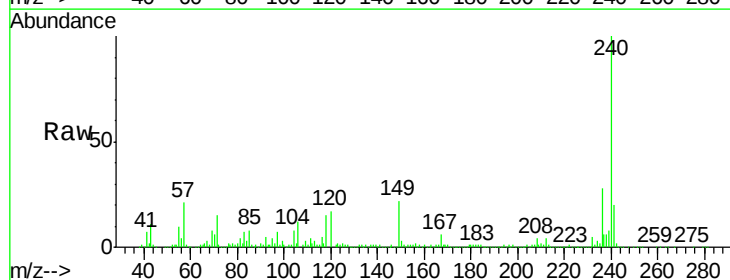
Tgt Ion:240 Resp: 466244

Ion Ratio Lower Upper

240 100

120 16.5 12.9 19.3

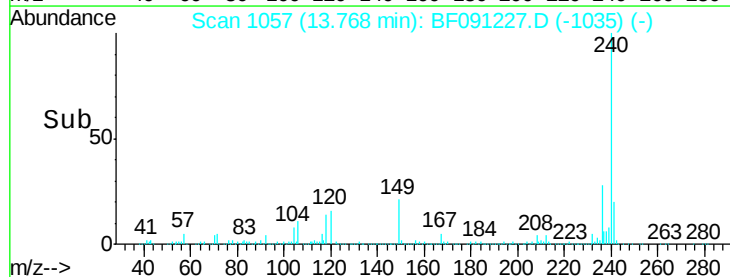
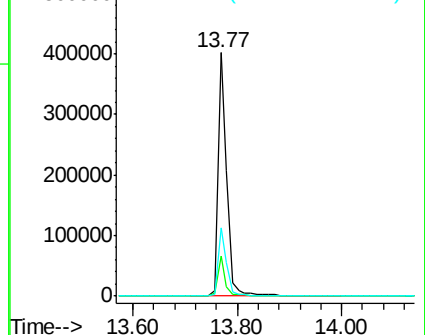
236 27.9 21.9 32.9

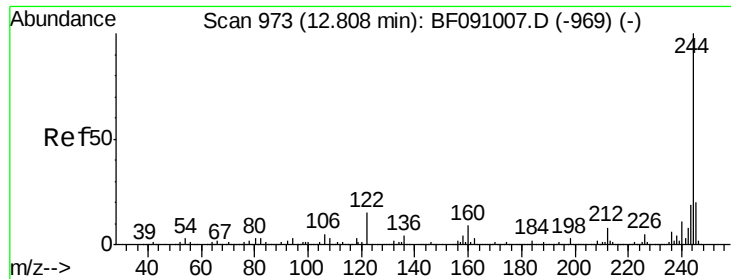


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.37 ng

RT: 12.73 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF091227.D

Acq: 17 Nov 2016 22:05

Instrument :

BNA_F

ClientSampleId :

WQ-3W

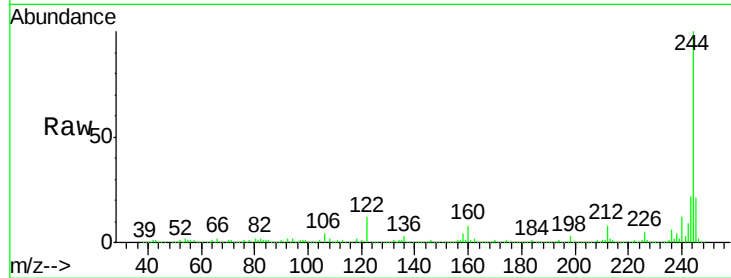
Tgt Ion:244 Resp: 1763203

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

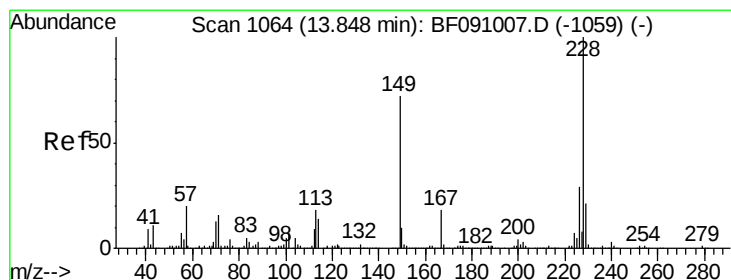
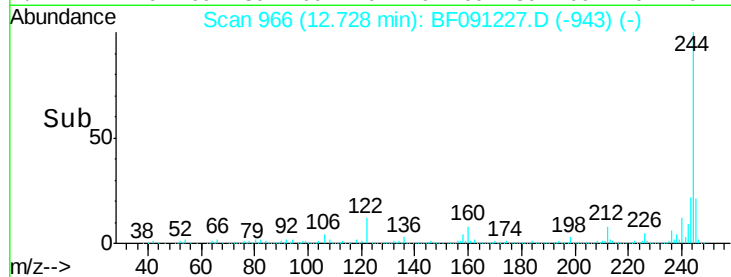
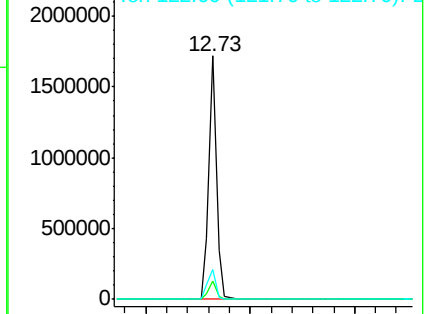
122 12.0 12.3 18.5#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.53 ng

RT: 13.77 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BF091227.D

Acq: 17 Nov 2016 22:05

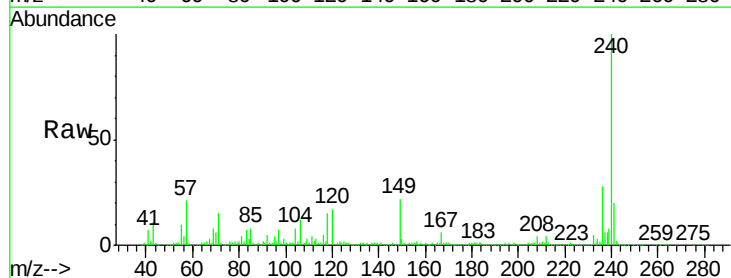
Tgt Ion:149 Resp: 89509

Ion Ratio Lower Upper

149 100

167 25.6 20.4 30.6

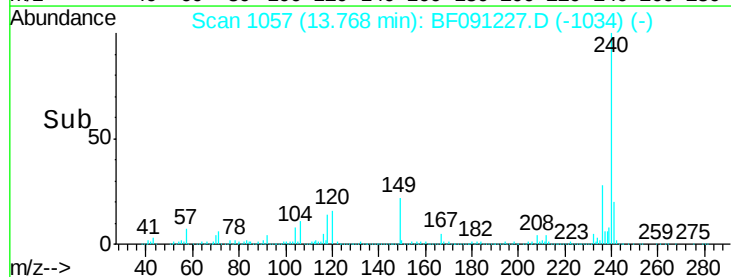
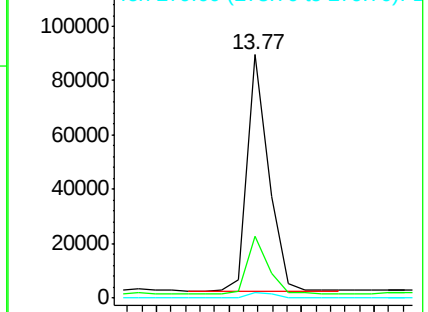
279 2.1 1.6 2.4

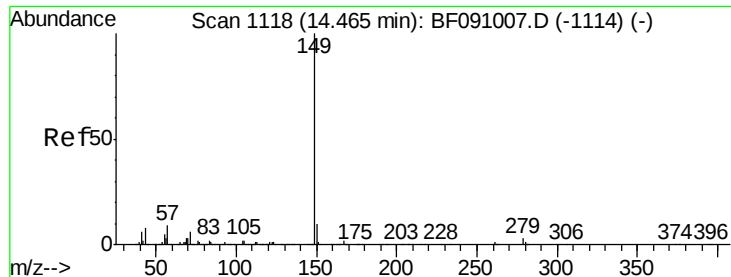


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 2.59 ng

RT: 14.39 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BF091227.D

Acq: 17 Nov 2016 22:05

Instrument :

BNA_F

ClientSampleId :

WQ-3W

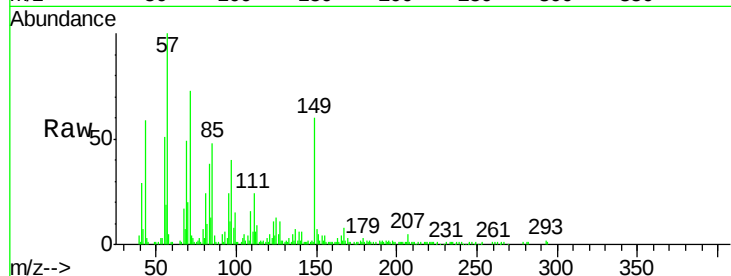
Tgt Ion:149 Resp: 84052

Ion Ratio Lower Upper

149 100

167 12.6 1.2 1.8#

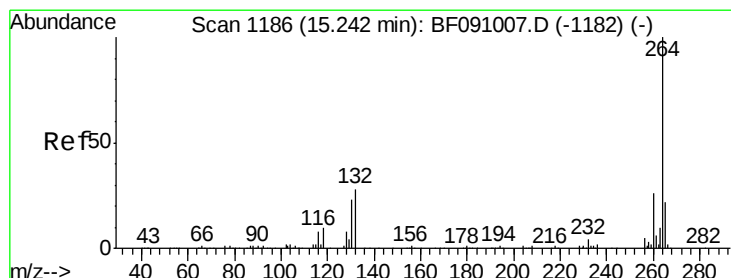
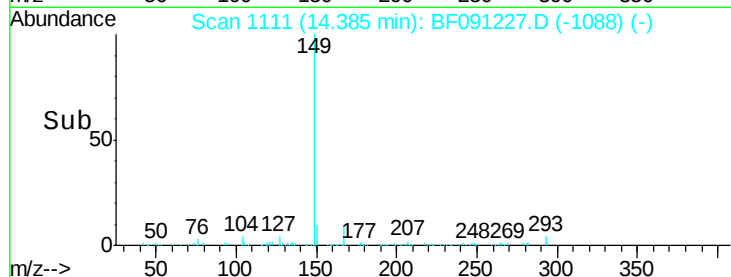
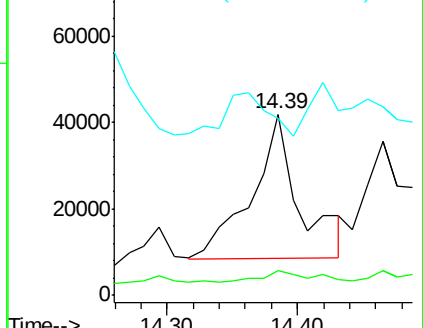
43 0.0 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.14 min Scan# 1177

Delta R.T. -0.05 min

Lab File: BF091227.D

Acq: 17 Nov 2016 22:05

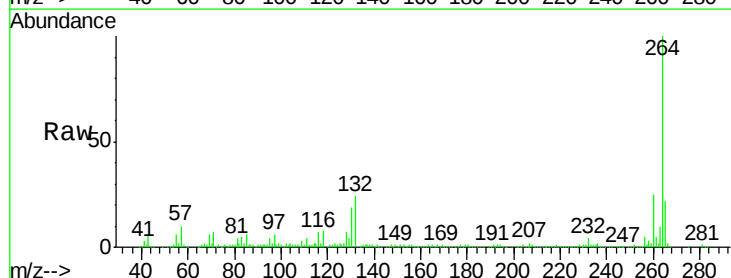
Tgt Ion:264 Resp: 347167

Ion Ratio Lower Upper

264 100

260 25.2 20.6 30.8

265 22.0 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

