

Data Path : Z:\HPCHEM1\BNA F\Data\BF122816\
 Data File : BF091995.D
 Acq On : 28 Dec 2016 15:37
 Operator : UM/SJ
 Sample : H6226-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116

Quant Time: Dec 28 16:02:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

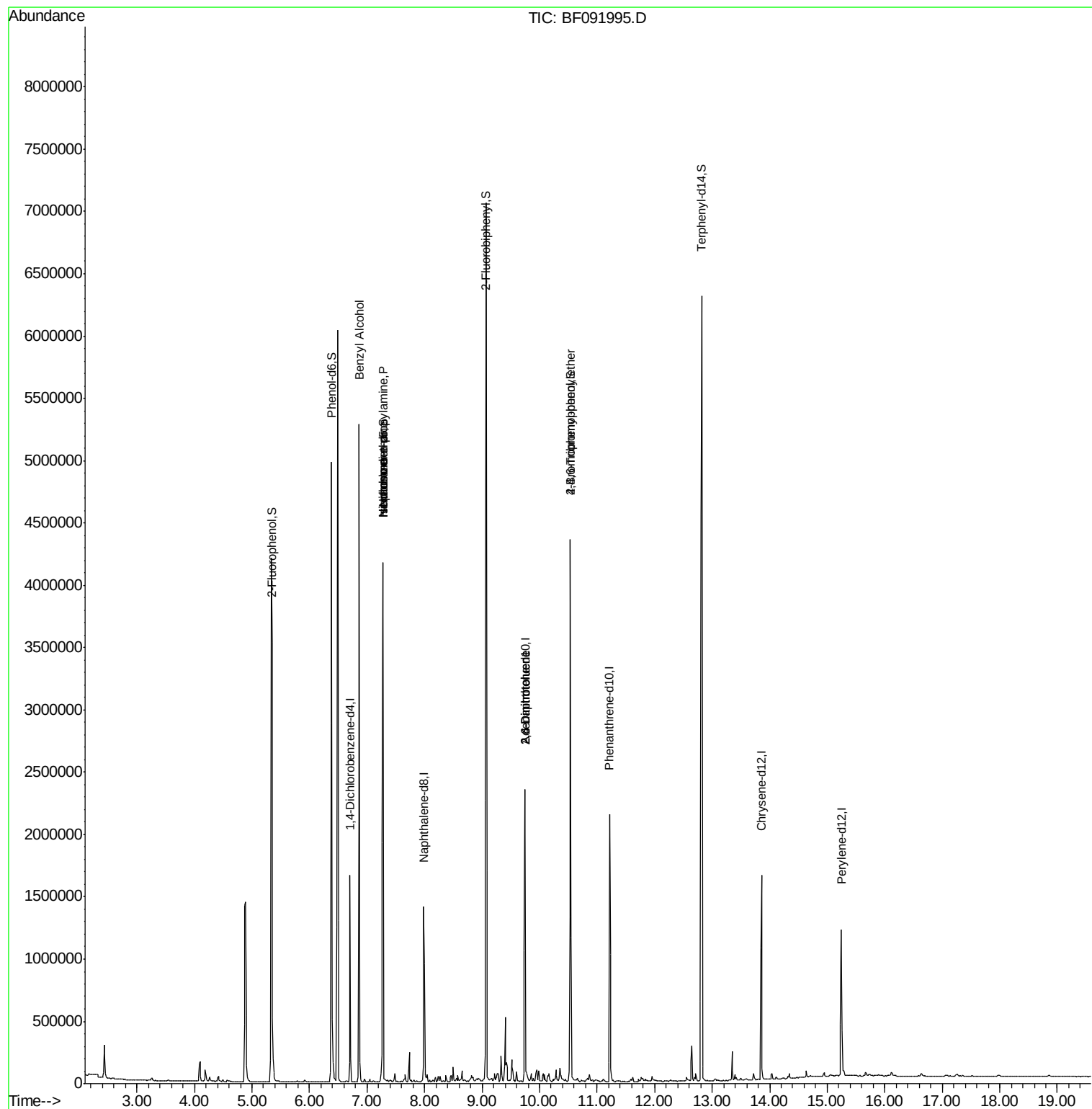
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	225972	20.00	ng	-0.05
21) Naphthalene-d8	7.98	136	843611	20.00	ng	-0.06
38) Acenaphthene-d10	9.74	164	577022	20.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	918355	20.00	ng	-0.05
75) Chrysene-d12	13.86	240	712051	20.00	ng	-0.05
86) Perylene-d12	15.24	264	512665	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1782187	131.69	ng	0.00
7) Phenol-d6	6.38	99	2163723	130.95	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1544926	101.83	ng	-0.05
41) 2,4,6-Tribromophenol	10.53	330	594935	124.59	ng	-0.05
44) 2-Fluorobiphenyl	9.07	172	2580059	92.80	ng	-0.05
78) Terphenyl-d14	12.82	244	2607793	88.82	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.86	79	26167	2.04	ng	# 34
18) Hexachloroethane	7.28	117	27668	4.46	ng	# 3
19) n-Nitroso-di-n-propylamine	7.28	70	208002	18.92	ng	# 76
25) Isophorone	7.28	82	1503415	53.71	ng	# 65
37) 2-Methylnaphthalene	8.70	142	4454	Below Cal		98
50) 2,6-Dinitrotoluene	9.74	165	77630	9.61	ng	# 30
56) 2,4-Dinitrotoluene	9.74	165	79251	7.82	ng	# 20
66) 4-Bromophenyl-phenylether	10.53	248	35565	3.72	ng	# 1
73) Di-n-butylphthalate	11.79	149	16473	Below Cal		98
74) Fluoranthene	12.43	202	1250	Below Cal		69

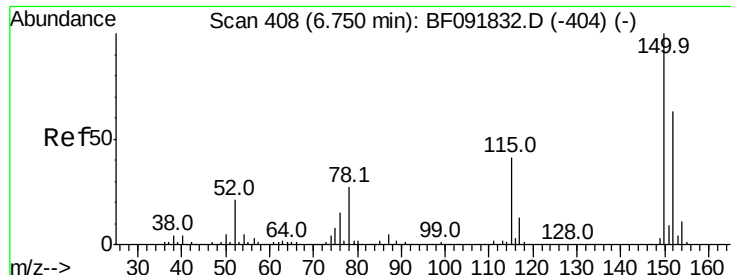
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF122816\
Data File : BF091995.D
Acq On : 28 Dec 2016 15:37
Operator : UM/SJ
Sample : H6226-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-01-122116

Quant Time: Dec 28 16:02:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.05 min

Lab File: BF091995.D

Acq: 28 Dec 2016 15:37

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116

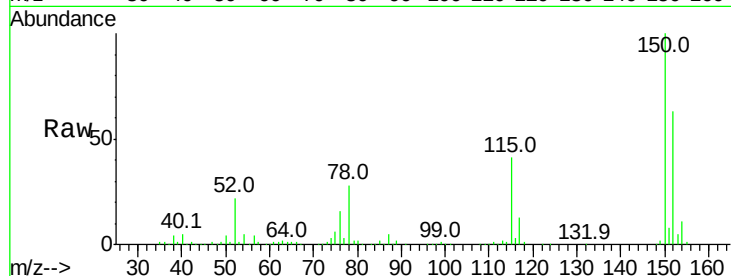
Tot Ion:152 Resp: 225972

Ion Ratio Lower Upper

152 100

150 157.5 124.9 187.3

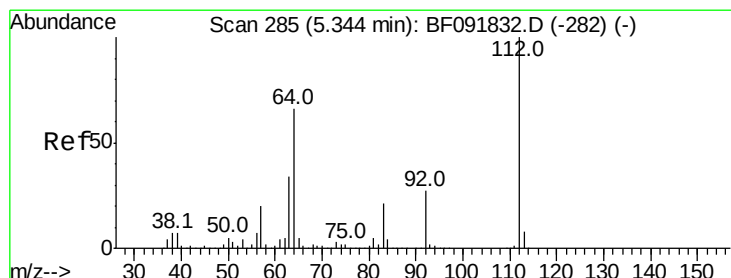
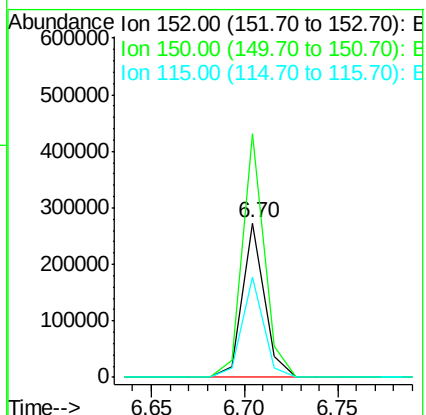
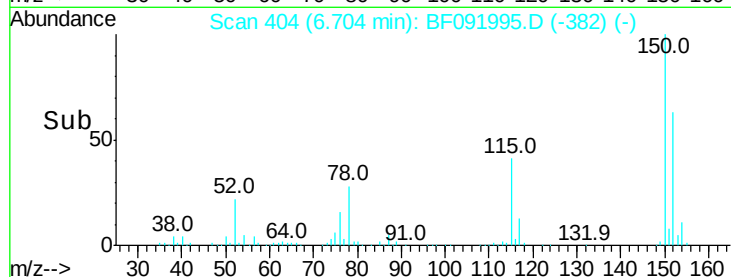
115 64.8 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 131.69 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091995.D

Acq: 28 Dec 2016 15:37

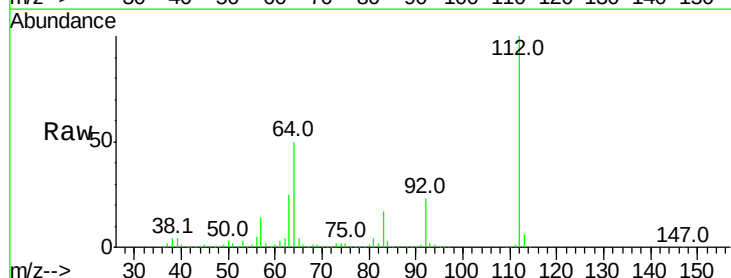
Tgt Ion:112 Resp: 1782187

Ion Ratio Lower Upper

112 100

64 50.1 46.1 69.1

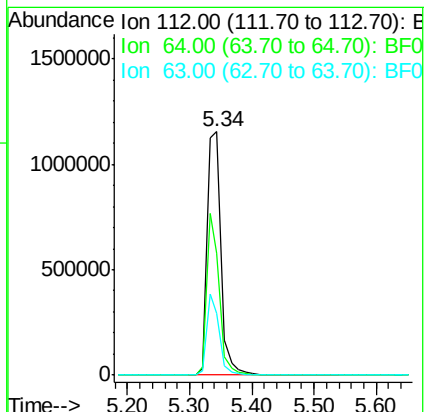
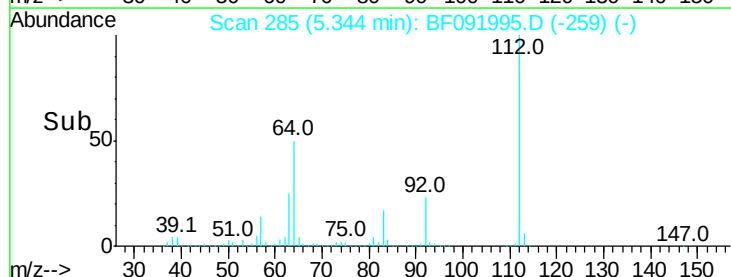
63 25.4 23.8 35.6

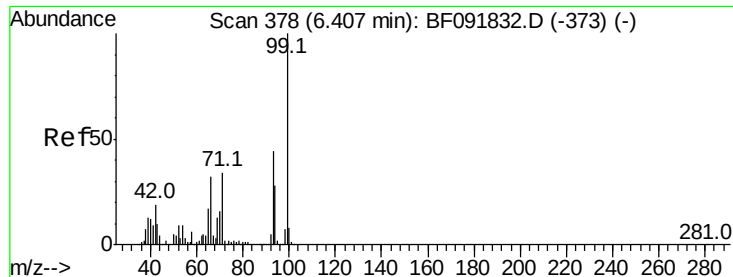


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.95 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF091995.D

Acq: 28 Dec 2016 15:37

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116

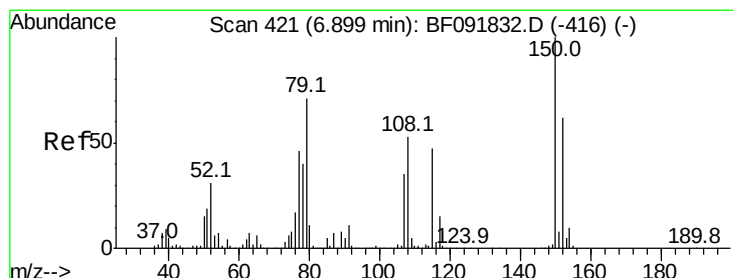
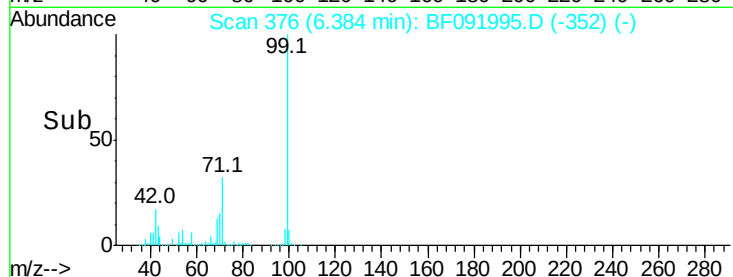
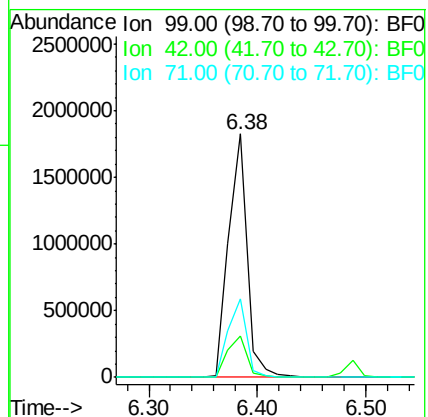
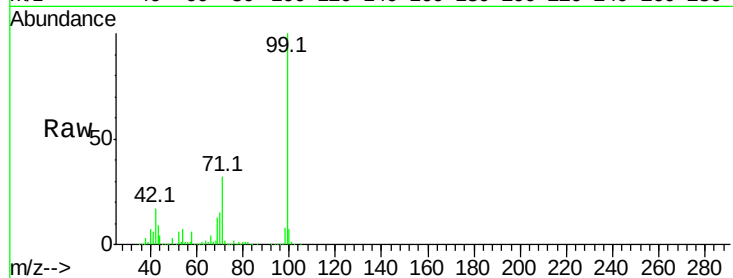
Tot Ion: 99 Resp: 2163723

Ion Ratio Lower Upper

99 100

42 16.9 15.6 23.4

71 32.4 27.5 41.3



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF091995.D

Acq: 28 Dec 2016 15:37

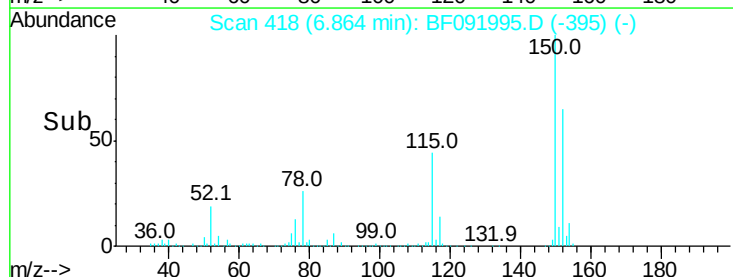
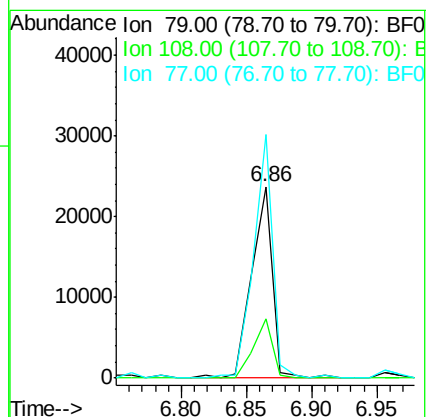
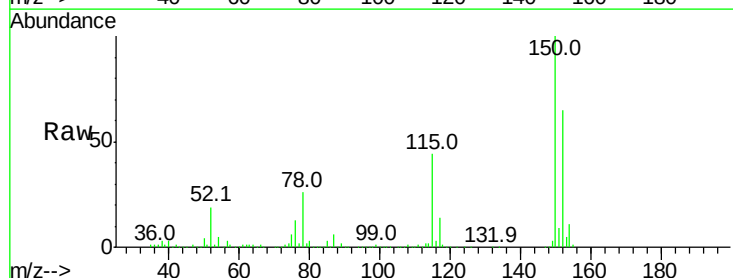
Tgt Ion: 79 Resp: 26167

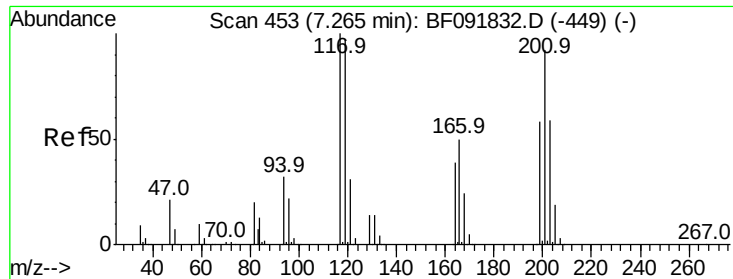
Ion Ratio Lower Upper

79 100

108 31.3 61.4 92.0#

77 127.3 50.9 76.3#

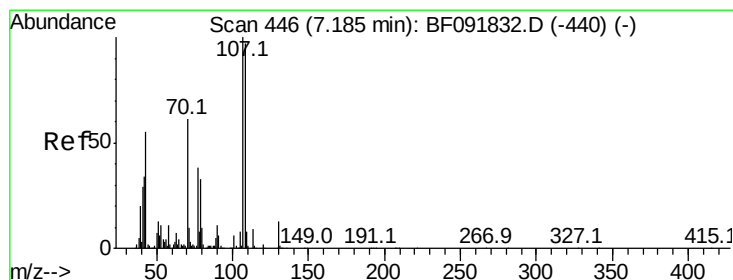
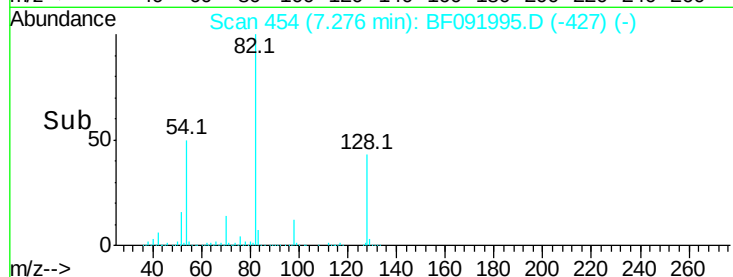
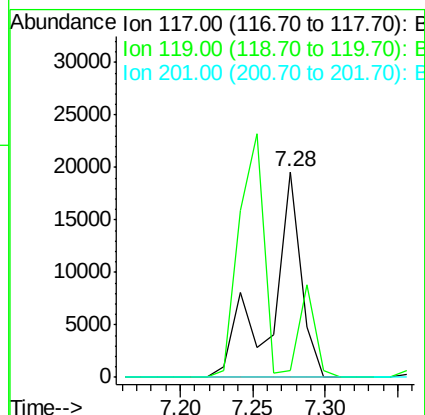
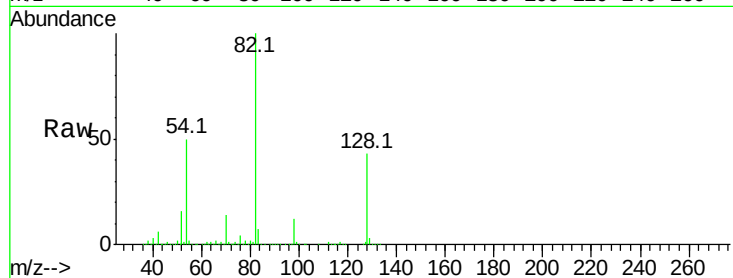




#18
Hexachloroethane
Concen: 4.46 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF091995.D
Acq: 28 Dec 2016 15:37

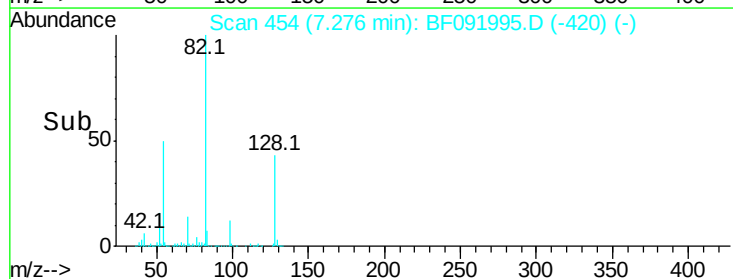
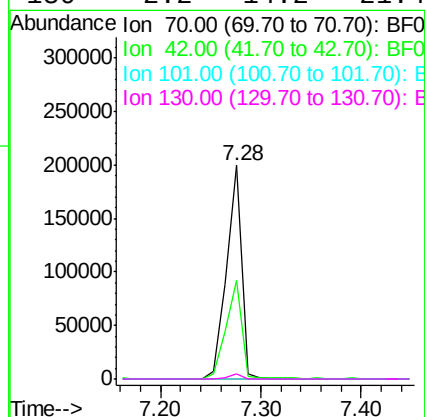
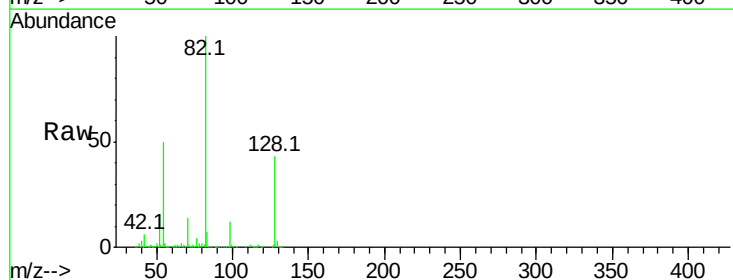
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116

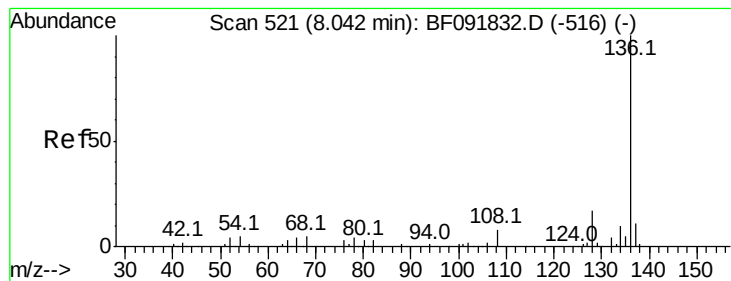
Tot Ion:117 Resp: 27668
Ion Ratio Lower Upper
117 100
119 3.3 78.1 117.1#
201 0.0 78.6 117.8#



#19
n-Nitroso-di-n-propylamine
Concen: 18.92 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.09 min
Lab File: BF091995.D
Acq: 28 Dec 2016 15:37

Tgt Ion: 70 Resp: 208002
Ion Ratio Lower Upper
70 100
42 46.4 49.4 74.0#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.06 min

Lab File: BF091995.D

Acq: 28 Dec 2016 15:37

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116

Tot Ion:136 Resp: 843611

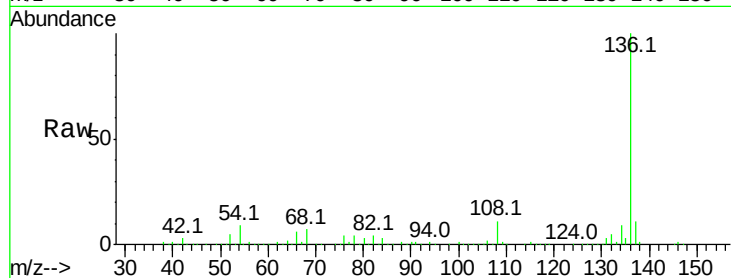
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 9.4 4.5 6.7#

68 7.5 3.6 5.4#

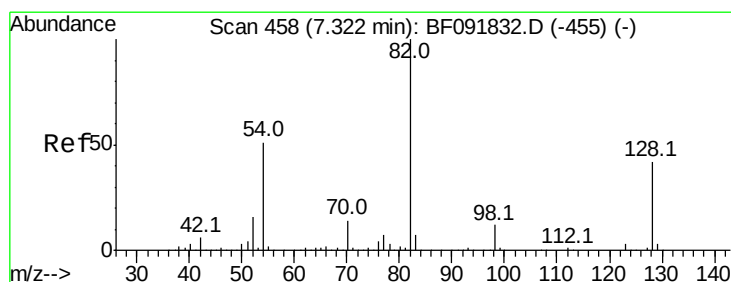
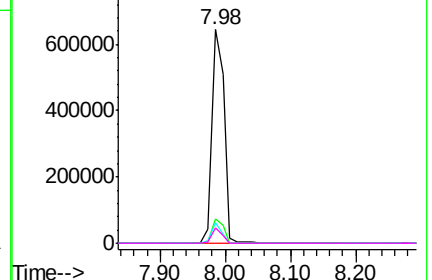
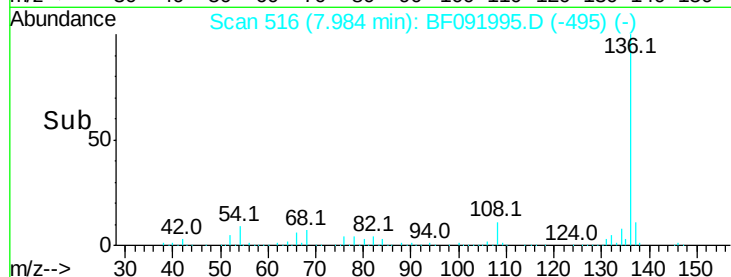


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 101.83 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.05 min

Lab File: BF091995.D

Acq: 28 Dec 2016 15:37

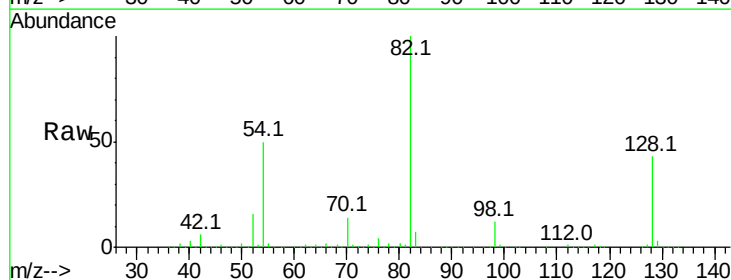
Tgt Ion: 82 Resp: 1544926

Ion Ratio Lower Upper

82 100

128 42.7 34.6 52.0

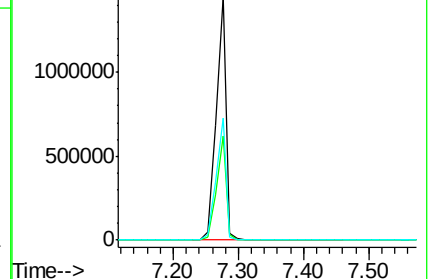
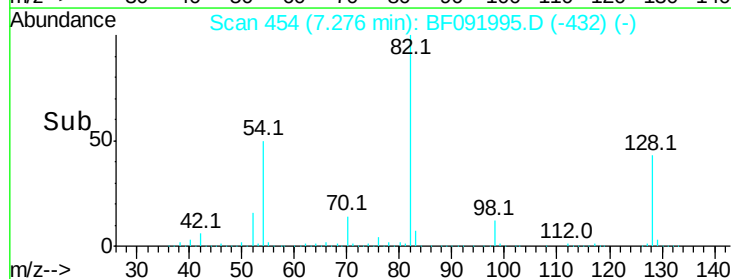
54 50.2 39.5 59.3

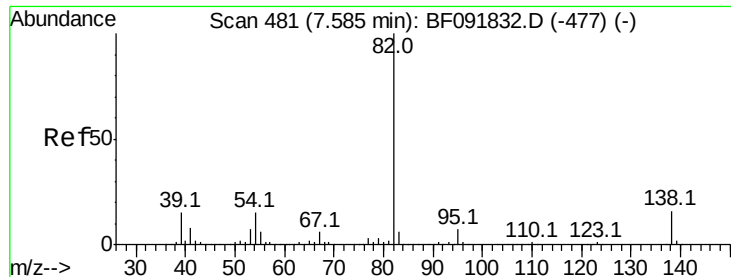


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 53.71 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.31 min

Lab File: BF091995.D

Acq: 28 Dec 2016 15:37

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116

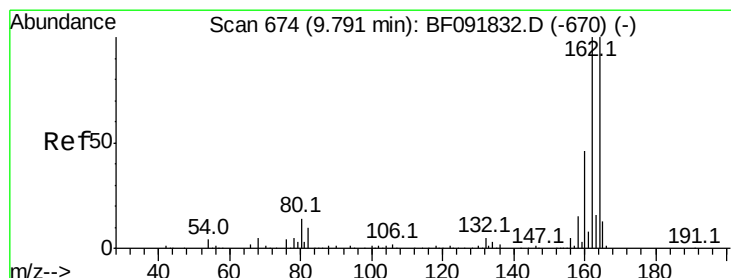
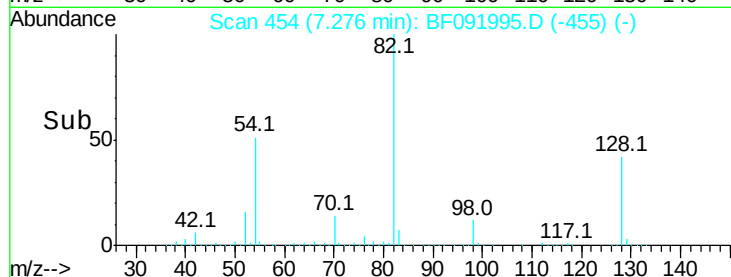
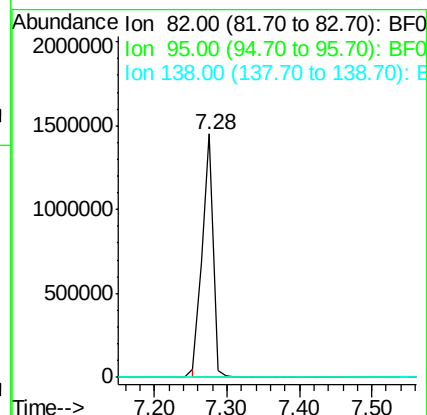
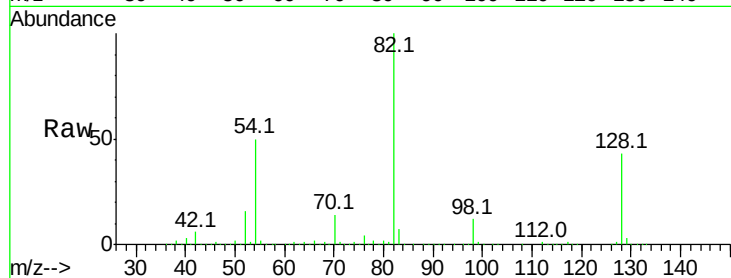
Tot Ion: 82 Resp: 1503415

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.05 min

Lab File: BF091995.D

Acq: 28 Dec 2016 15:37

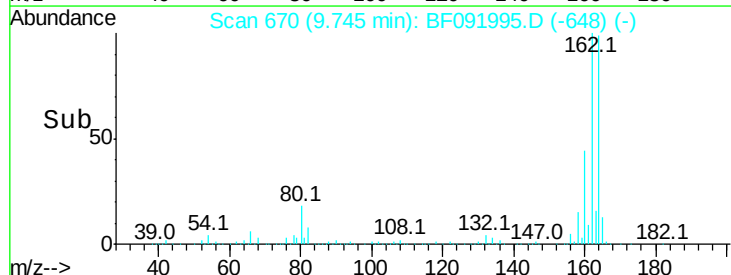
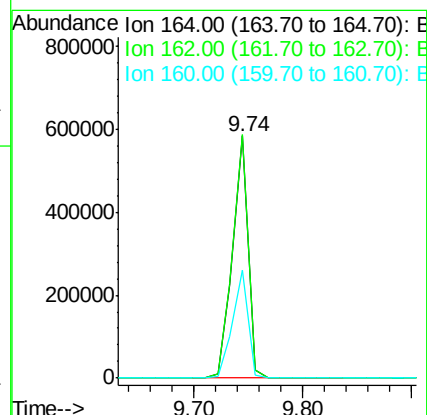
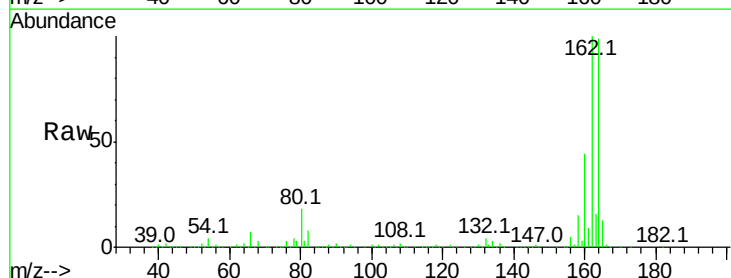
Tgt Ion:164 Resp: 577022

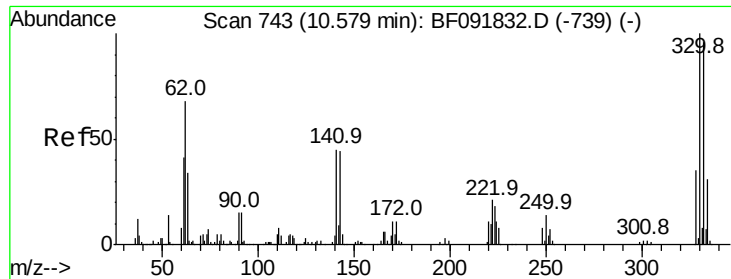
Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

160 44.4 36.9 55.3

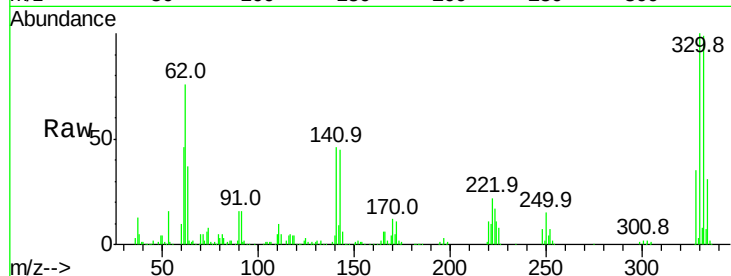




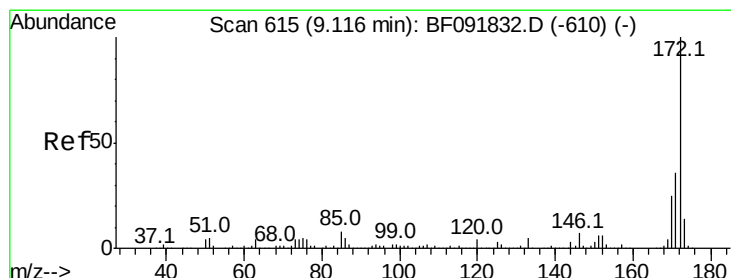
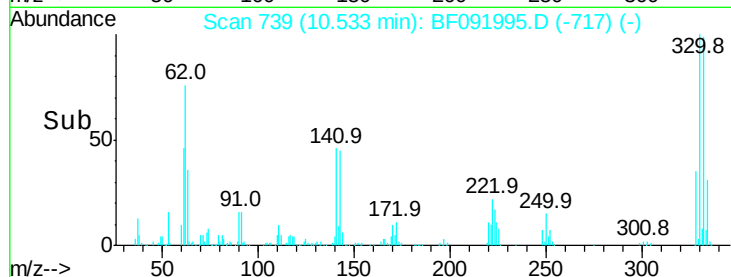
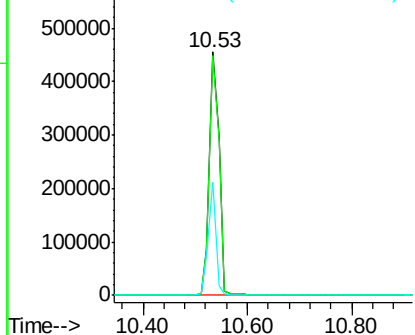
#41
 2,4,6-Tribromophenol
 Concen: 124.59 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.05 min
 Lab File: BF091995.D
 Acq: 28 Dec 2016 15:37

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	36.0	34.1	51.1

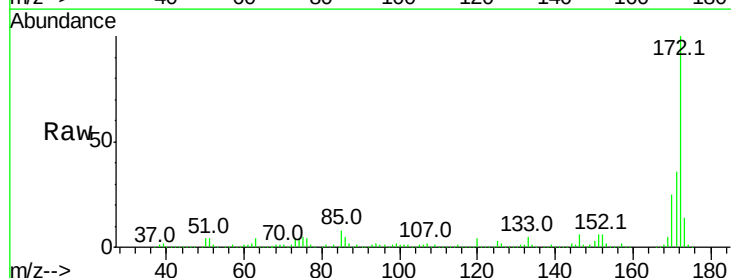


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

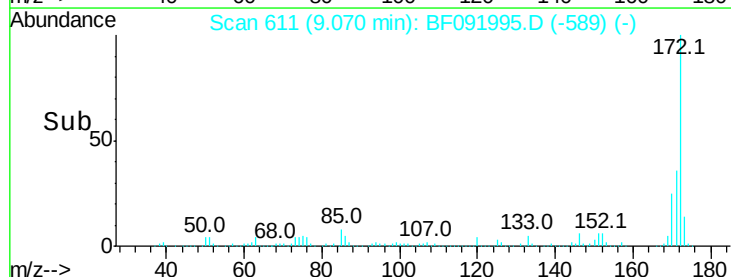
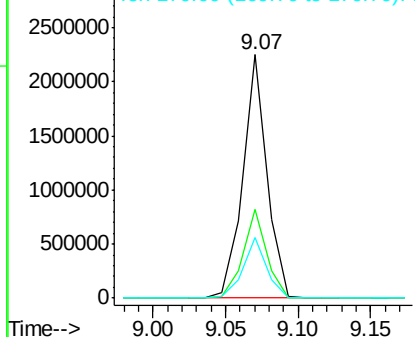


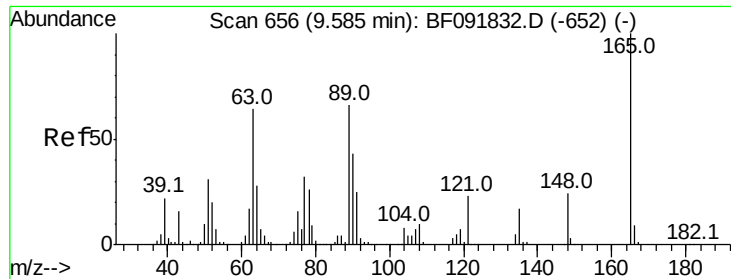
#44
 2-Fluorobiphenyl
 Concen: 92.80 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.05 min
 Lab File: BF091995.D
 Acq: 28 Dec 2016 15:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.9	20.2	30.4



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

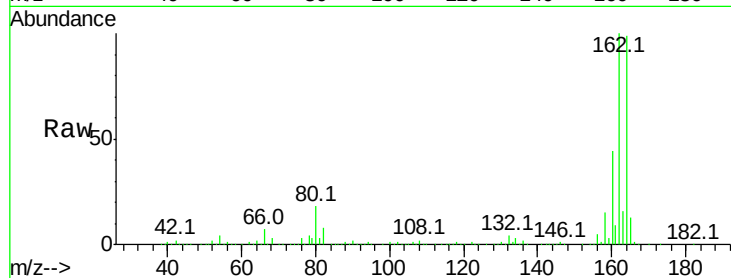




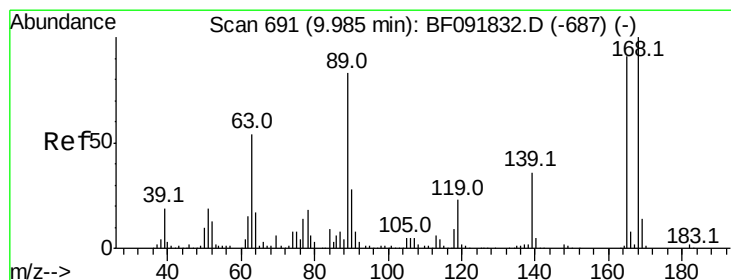
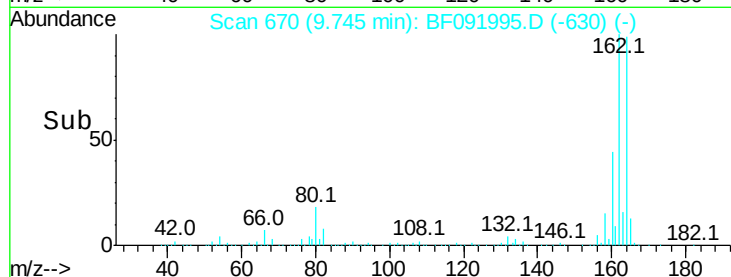
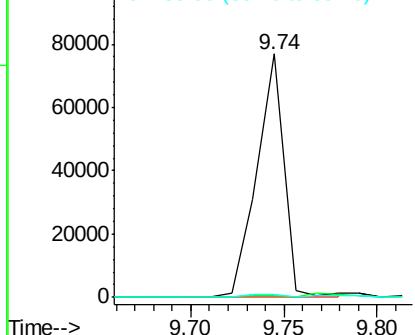
#50
 2,6-Dinitrotoluene
 Concen: 9.61 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.16 min
 Lab File: BF091995.D
 Acq: 28 Dec 2016 15:37

Instrument :
 BNA_F
 ClientSampleId :
 IDW-01-122116

Tot Ion:165 Resp: 77630
 Ion Ratio Lower Upper
 165 100
 63 0.9 36.2 54.4#
 89 1.0 40.2 60.4#



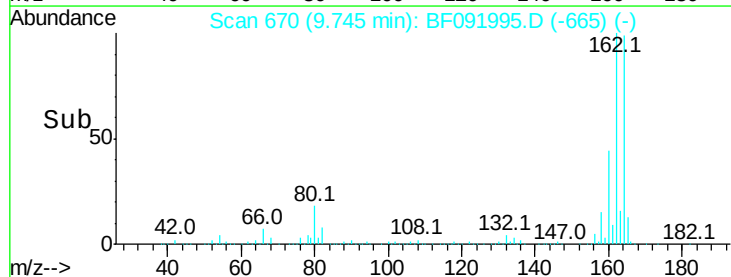
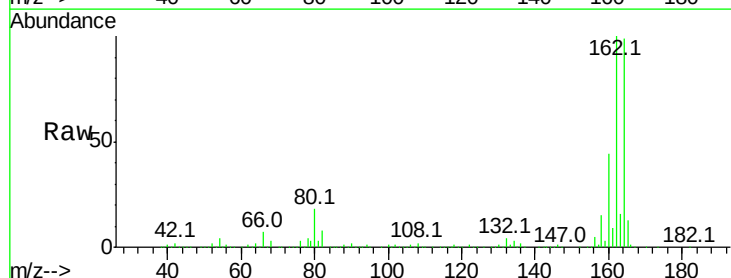
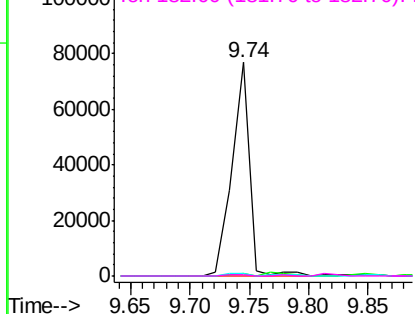
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

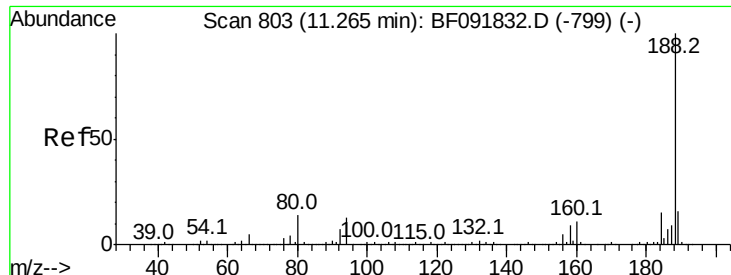


#56
 2,4-Dinitrotoluene
 Concen: 7.82 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.24 min
 Lab File: BF091995.D
 Acq: 28 Dec 2016 15:37

Tgt Ion:165 Resp: 79251
 Ion Ratio Lower Upper
 165 100
 63 0.9 40.2 60.4#
 89 1.0 62.5 93.7#
 182 0.8 1.8 2.8#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

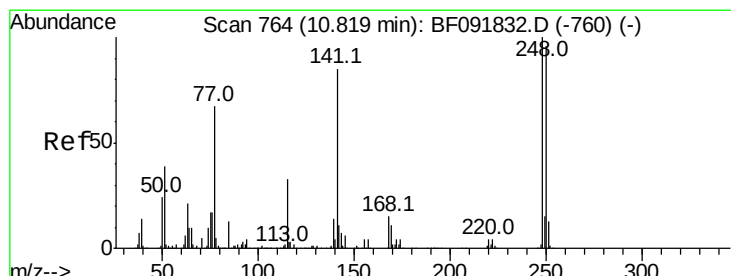
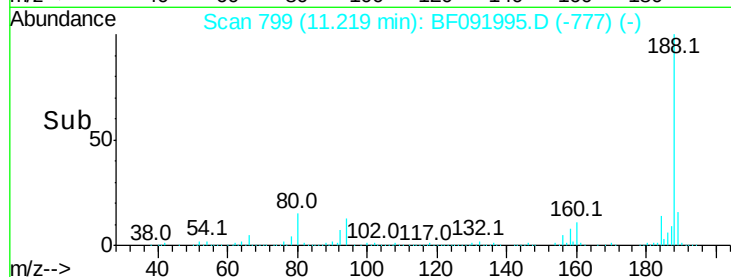
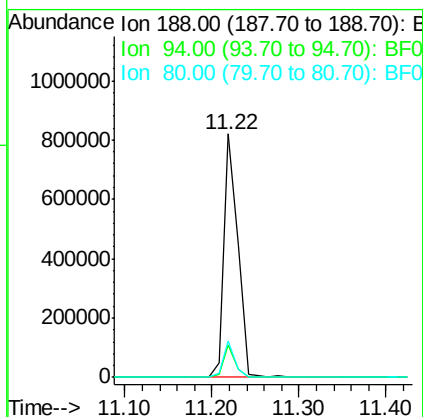
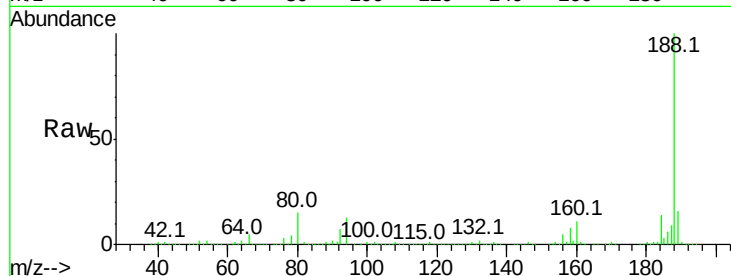




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.05 min
Lab File: BF091995.D
Acq: 28 Dec 2016 15:37

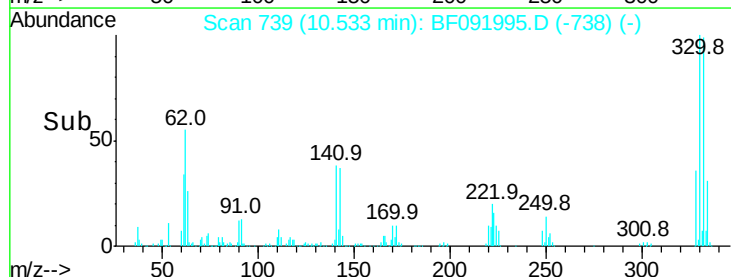
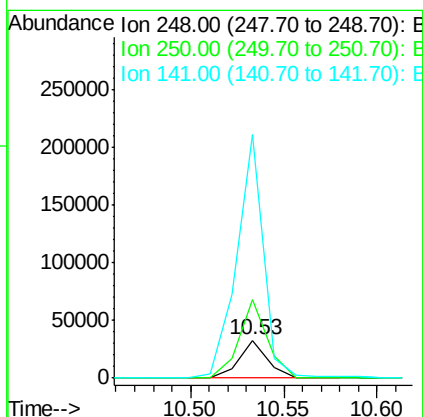
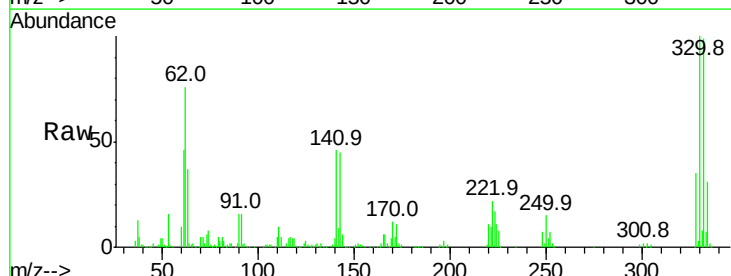
Instrument :
BNA_F
ClientSampleId :
IDW-01-122116

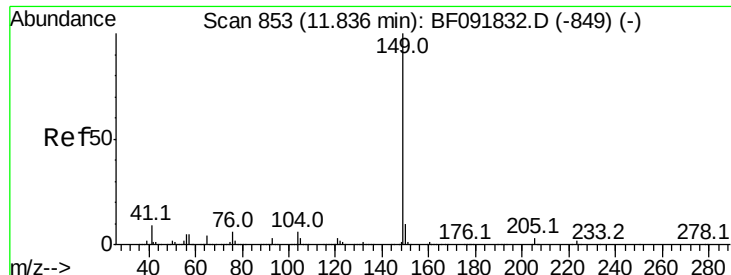
Tot Ion:188 Resp: 918355
Ion Ratio Lower Upper
188 100
94 13.1 10.0 15.0
80 14.8 11.2 16.8



#66
4-Bromophenyl-phenylether
Concen: 3.72 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.29 min
Lab File: BF091995.D
Acq: 28 Dec 2016 15:37

Tgt Ion:248 Resp: 35565
Ion Ratio Lower Upper
248 100
250 206.6 76.9 115.3#
141 642.0 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.79 min Scan# 849

Delta R.T. -0.05 min

Lab File: BF091995.D

Acq: 28 Dec 2016 15:37

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116

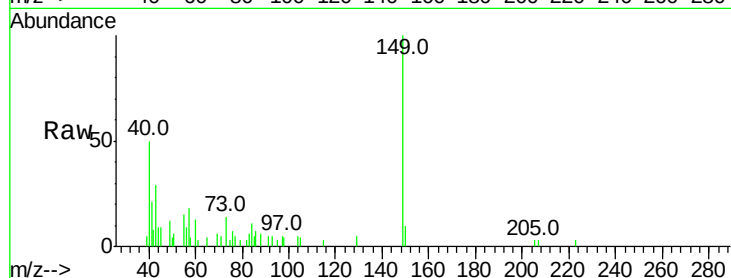
Tot Ion:149 Resp: 16473

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

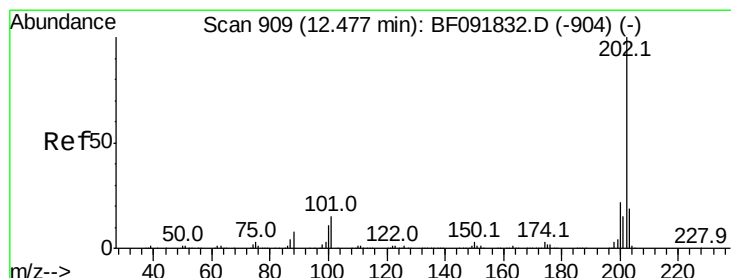
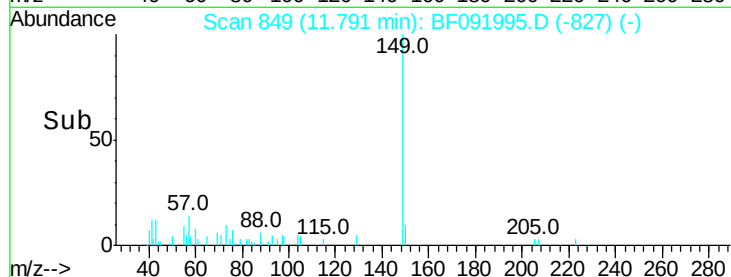
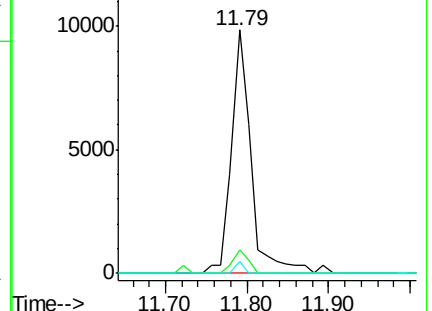
104 4.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.43 min Scan# 905

Delta R.T. -0.05 min

Lab File: BF091995.D

Acq: 28 Dec 2016 15:37

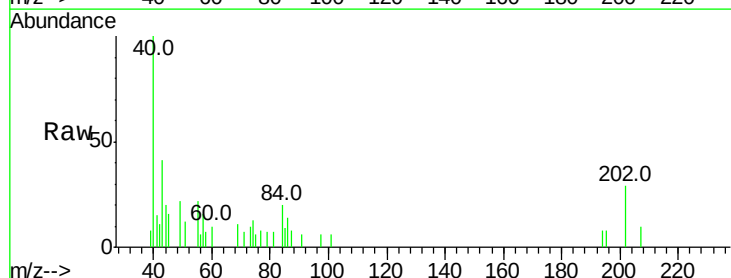
Tgt Ion:202 Resp: 1250

Ion Ratio Lower Upper

202 100

101 22.1 0.0 34.6

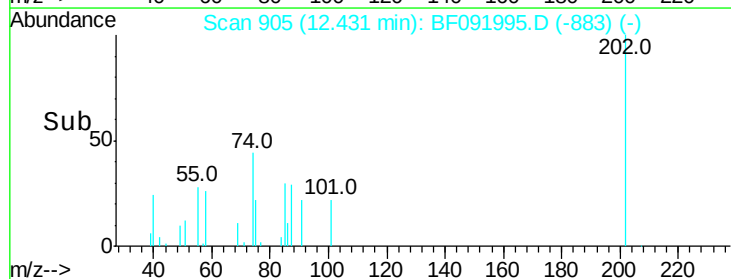
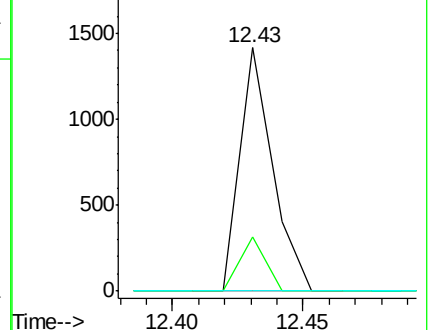
203 0.0 0.0 38.7

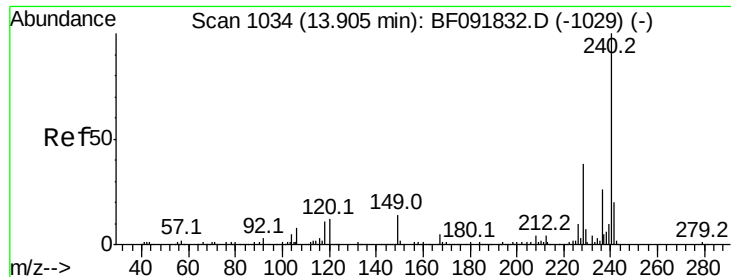


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BF091995.D

Acq: 28 Dec 2016 15:37

Instrument :

BNA_F

ClientSampleId :

IDW-01-122116

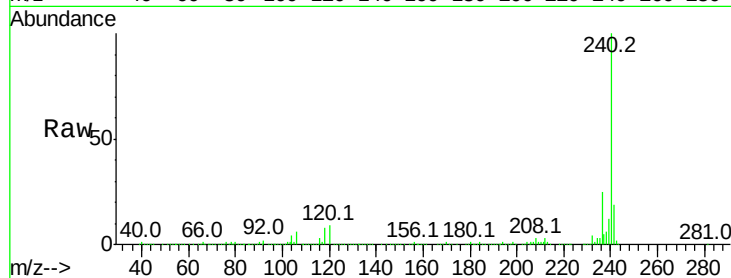
Tot Ion:240 Resp: 712051

Ion Ratio Lower Upper

240 100

120 9.5 12.9 19.3#

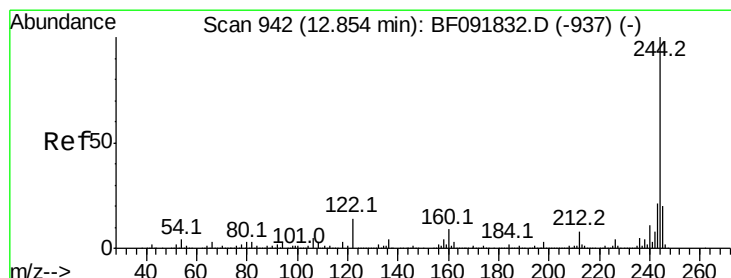
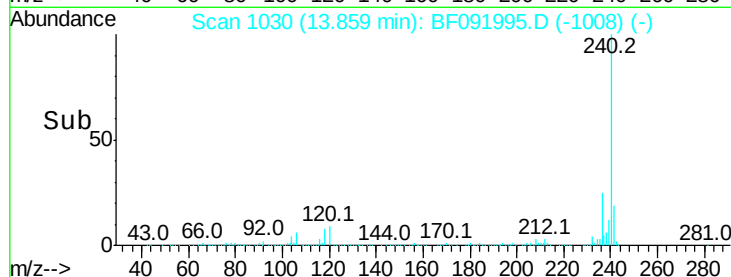
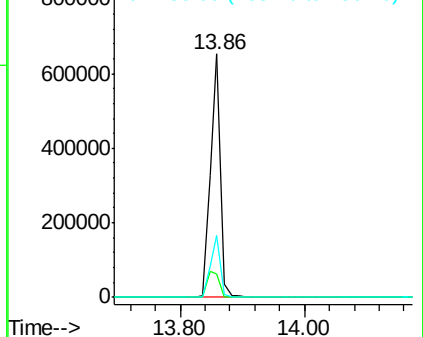
236 25.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 88.82 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.03 min

Lab File: BF091995.D

Acq: 28 Dec 2016 15:37

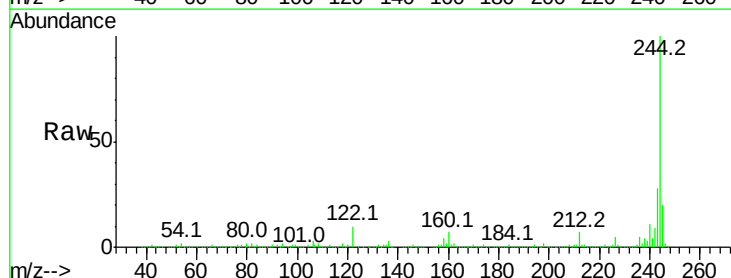
Tgt Ion:244 Resp: 2607793

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

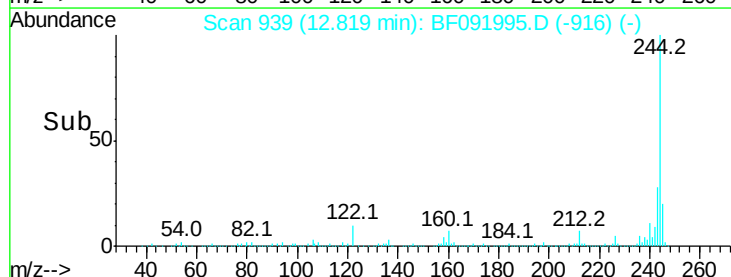
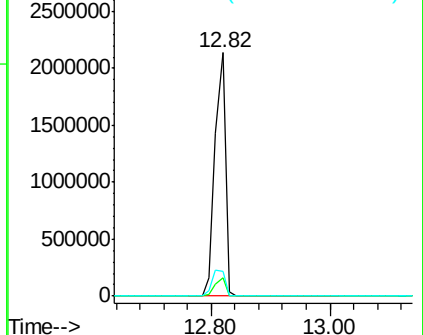
122 10.2 11.4 17.2#

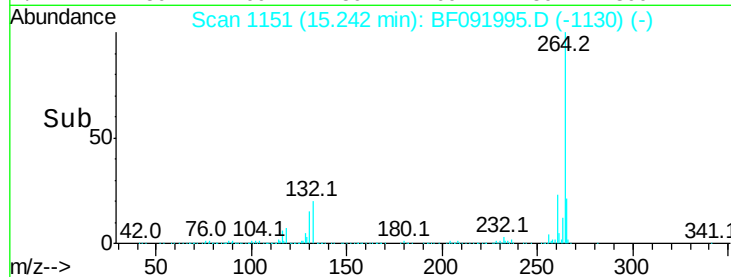
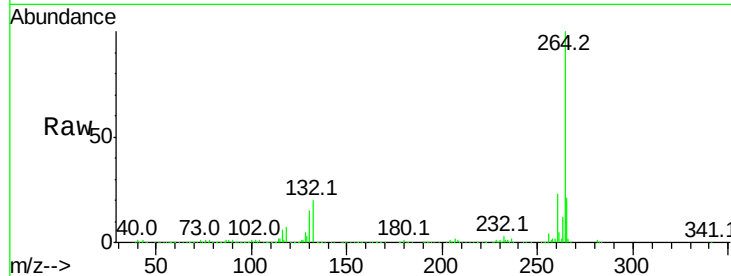
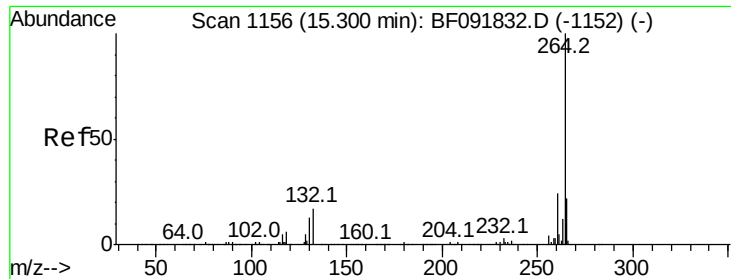


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.06 min
Lab File: BF091995.D
Acq: 28 Dec 2016 15:37

Instrument :
BNA_F
ClientSampleId :
IDW-01-122116

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	17.4	26.0

