

Data Path : Z:\HPCHEM1\BNA F\Data\BF010917\
 Data File : BF092135.D
 Acq On : 9 Jan 2017 13:44
 Operator : UM/SJ
 Sample : PB95795BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95795BL

Quant Time: Jan 09 14:50:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

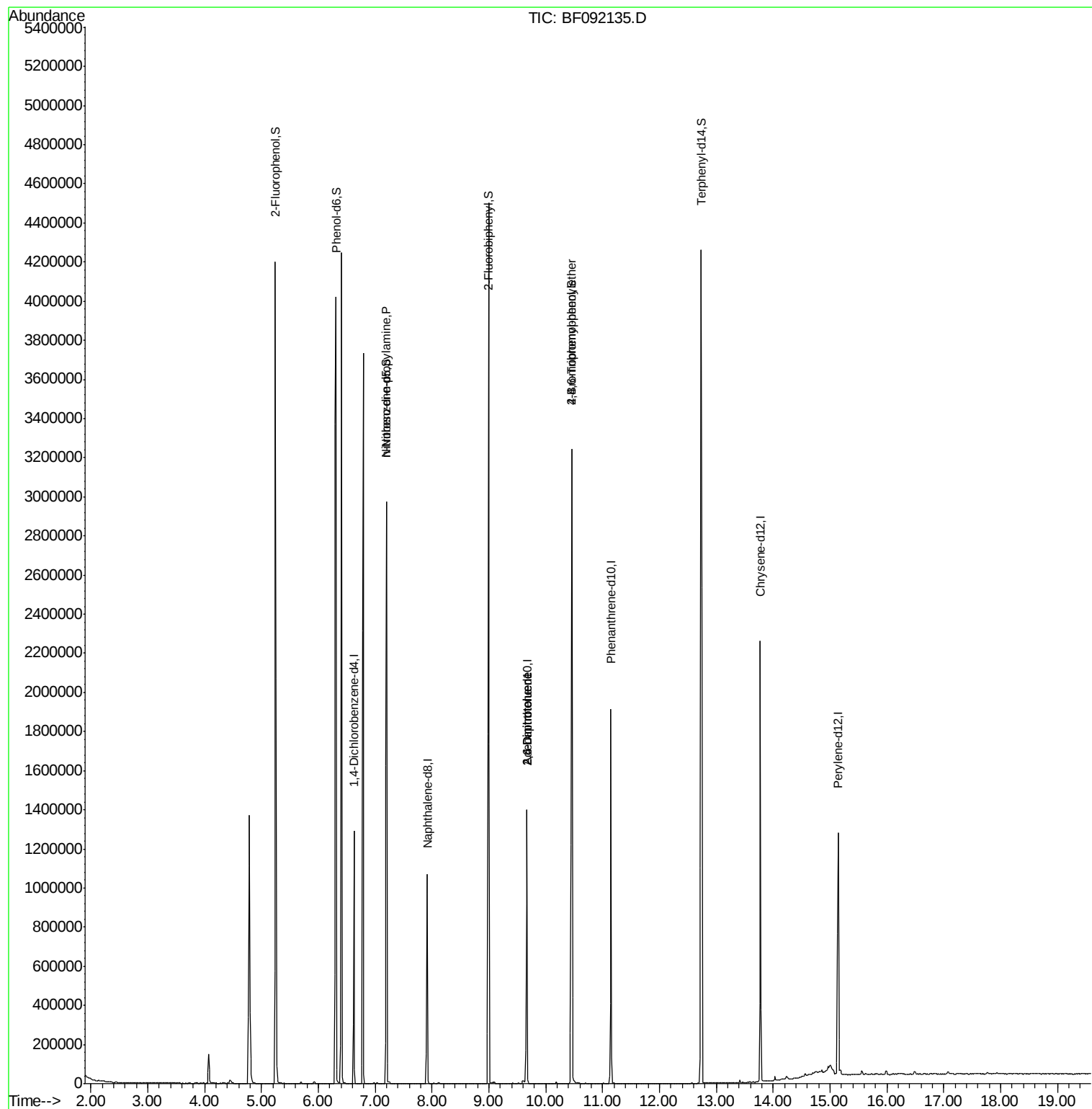
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	193058	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	769685	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	413585	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	695795	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	756628	20.00	ng	-0.01
86) Perylene-d12	15.15	264	558141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1399638	121.05	ng	0.01
7) Phenol-d6	6.31	99	2002693	141.87	ng	0.00
23) Nitrobenzene-d5	7.20	82	1202974	86.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	426626	124.65	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1968383	99.75	ng	-0.01
78) Terphenyl-d14	12.73	244	1881073	60.30	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	159973	17.03	ng	# 76
50) 2,6-Dinitrotoluene	9.67	165	53809	9.29	ng	# 30
56) 2,4-Dinitrotoluene	9.67	165	53809	7.40	ng	# 19
66) 4-Bromophenyl-phenylether	10.46	248	26480	3.66	ng	# 1
73) Di-n-butylphthalate	11.72	149	687	Below Cal		# 76

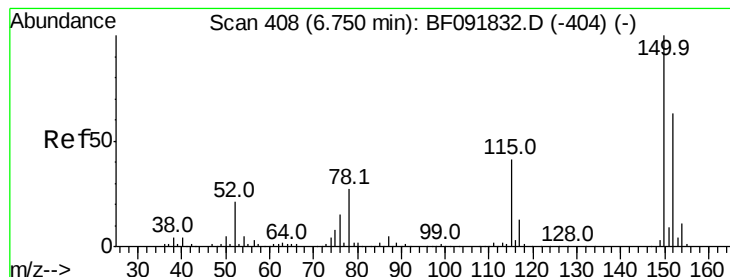
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092135.D

Acq: 9 Jan 2017 13:44

Instrument :

BNA_F

ClientSampleId :

PB95795BL

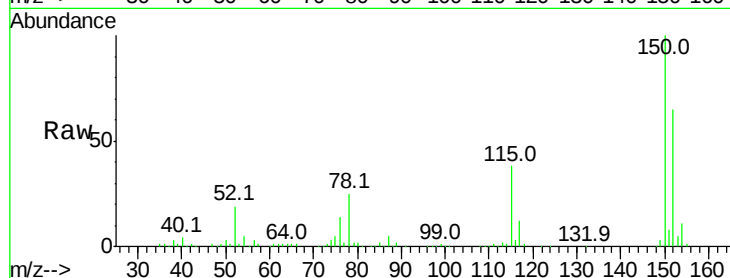
Tot Ion:152 Resp: 193058

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

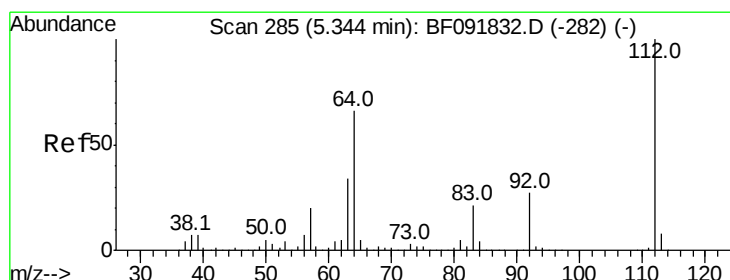
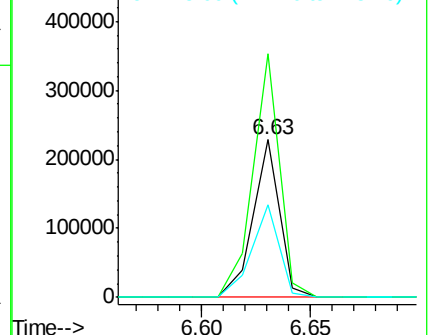
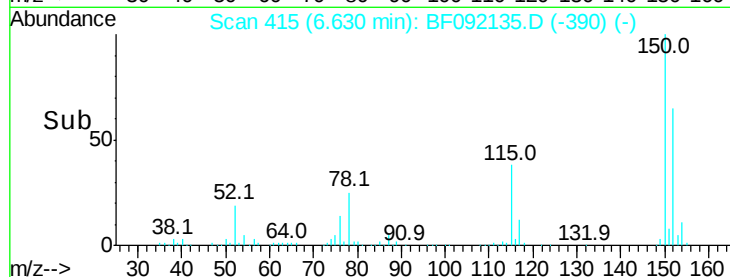
115 58.6 46.0 69.0



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: 121.05 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092135.D

Acq: 9 Jan 2017 13:44

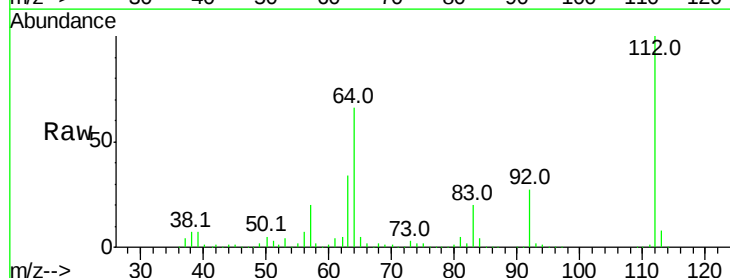
Tgt Ion:112 Resp: 1399638

Ion Ratio Lower Upper

112 100

64 66.0 46.1 69.1

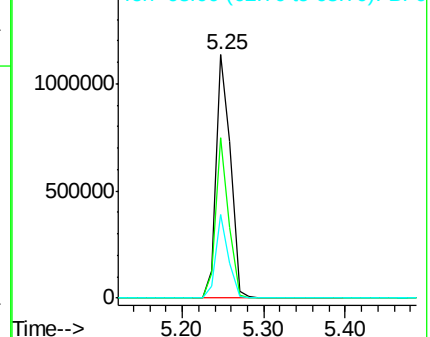
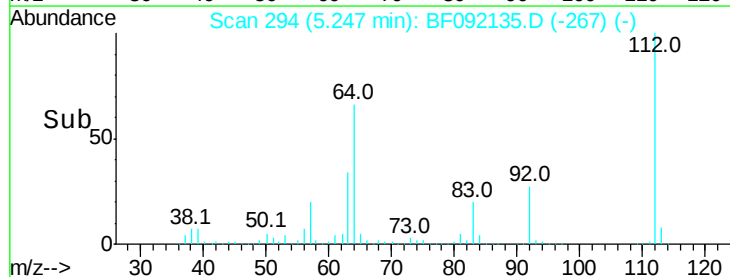
63 34.3 23.8 35.6

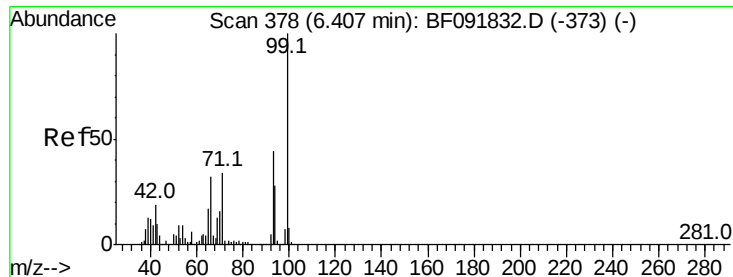


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.87 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092135.D

Acq: 9 Jan 2017 13:44

Instrument :

BNA_F

ClientSampleId :

PB95795BL

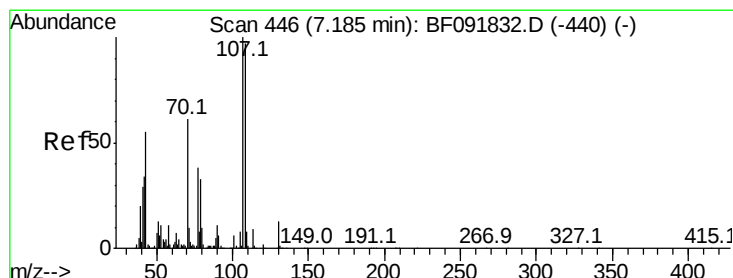
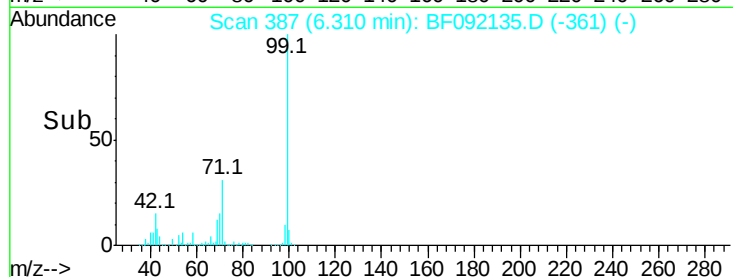
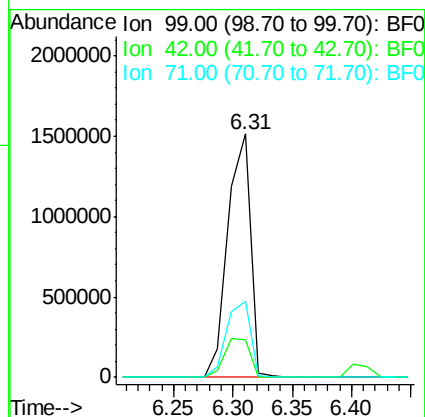
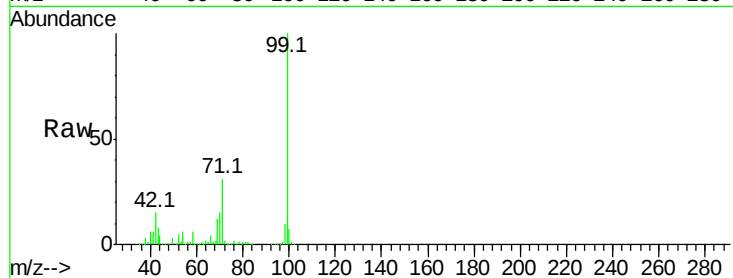
Tot Ion: 99 Resp: 2002693

Ion Ratio Lower Upper

99 100

42 15.3 15.6 23.4#

71 31.3 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.03 ng

RT: 7.20 min Scan# 465

Delta R.T. 0.13 min

Lab File: BF092135.D

Acq: 9 Jan 2017 13:44

Tgt Ion: 70 Resp: 159973

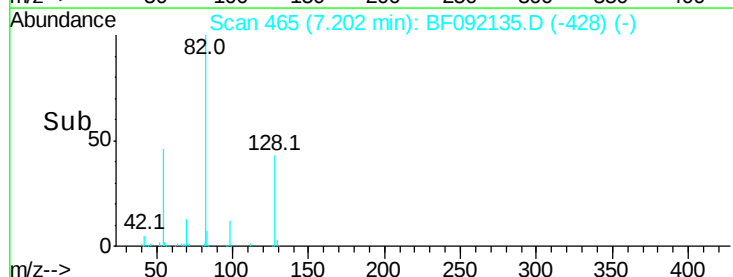
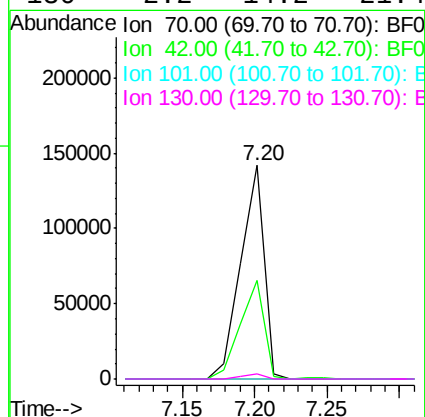
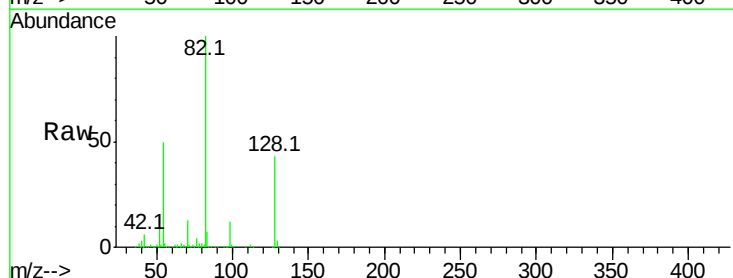
Ion Ratio Lower Upper

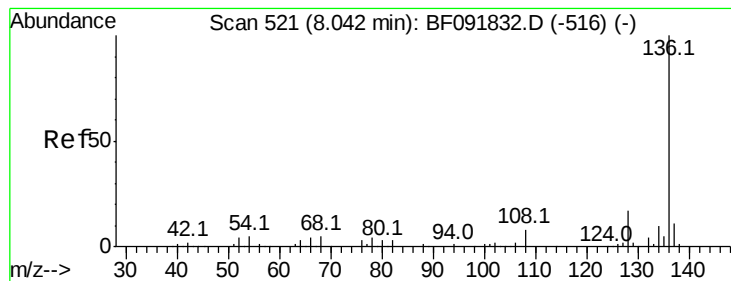
70 100

42 46.0 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

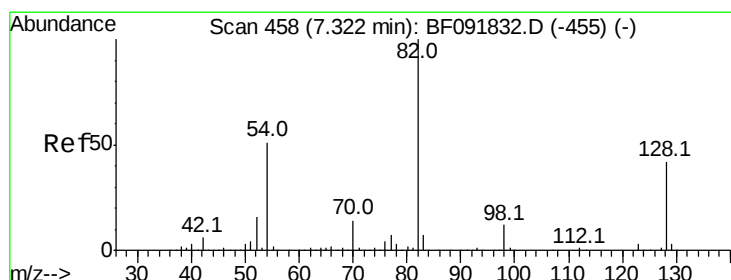
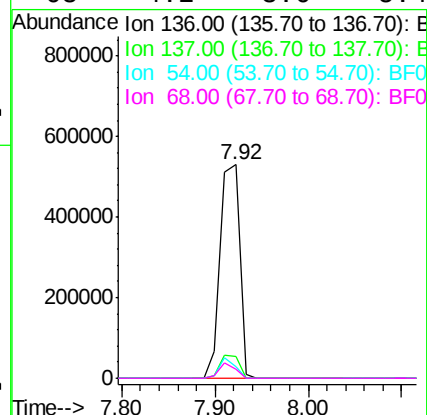
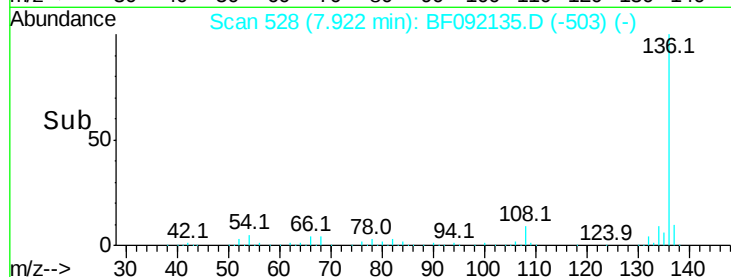
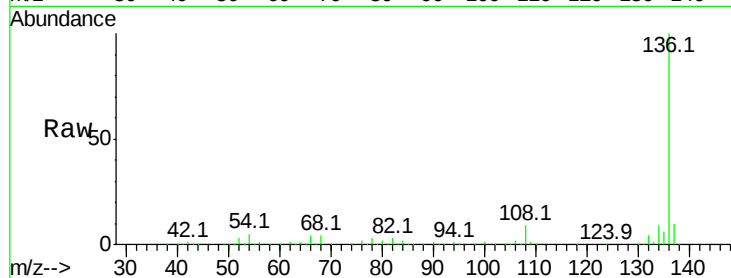




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092135.D
Acq: 9 Jan 2017 13:44

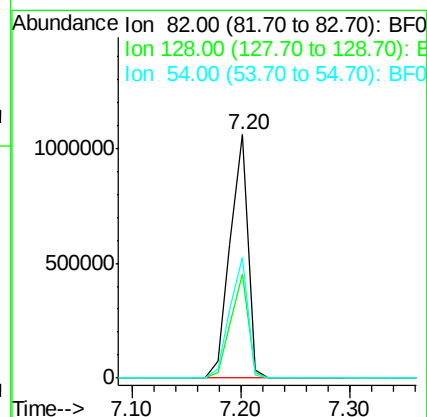
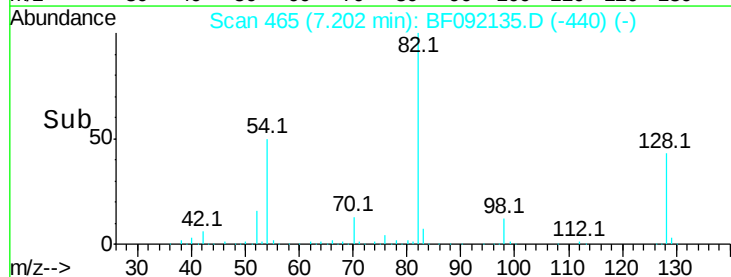
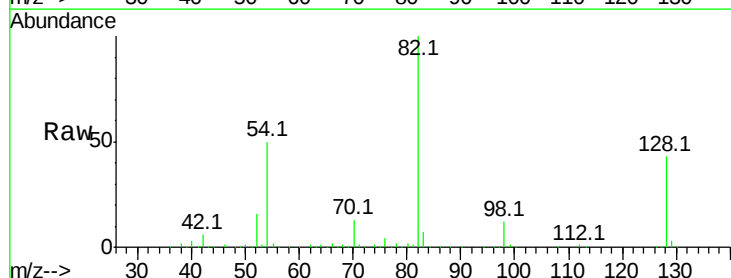
Instrument :
BNA_F
ClientSampleId :
PB95795BL

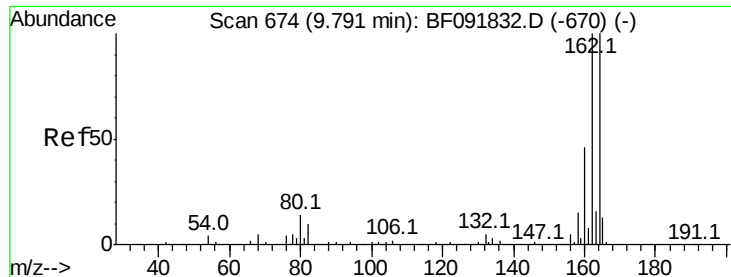
Tot Ion:	136	Resp:	769685
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	5.3	4.5	6.7
68	4.2	3.6	5.4



#23
Nitrobenzene-d5
Concen: 86.91 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092135.D
Acq: 9 Jan 2017 13:44

Tgt Ion:	82	Resp:	1202974
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	52.0
54	49.6	39.5	59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092135.D

Acq: 9 Jan 2017 13:44

Instrument :

BNA_F

ClientSampleId :

PB95795BL

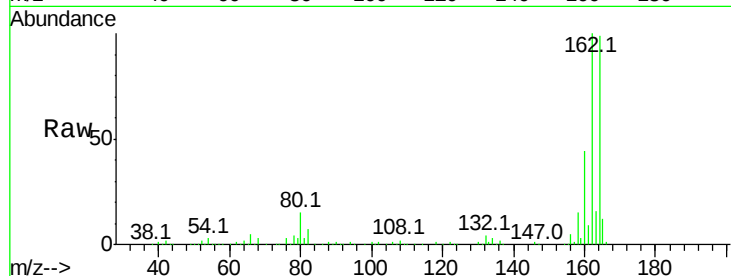
Tot Ion:164 Resp: 413585

Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.2

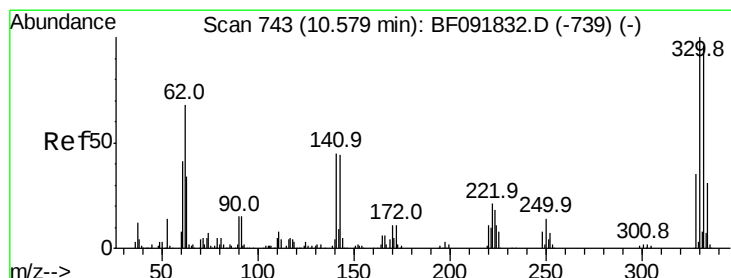
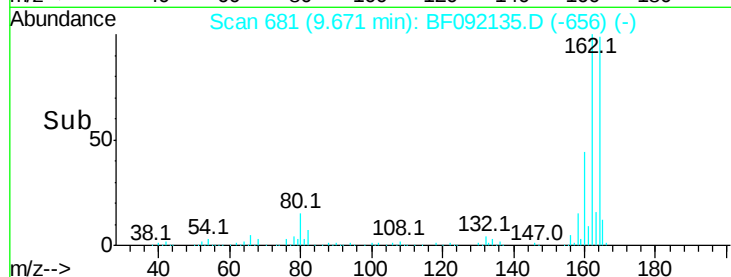
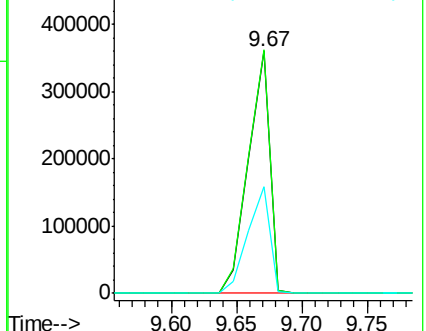
160 44.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 124.65 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF092135.D

Acq: 9 Jan 2017 13:44

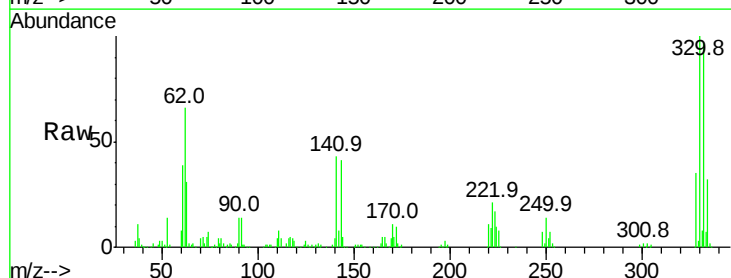
Tgt Ion:330 Resp: 426626

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

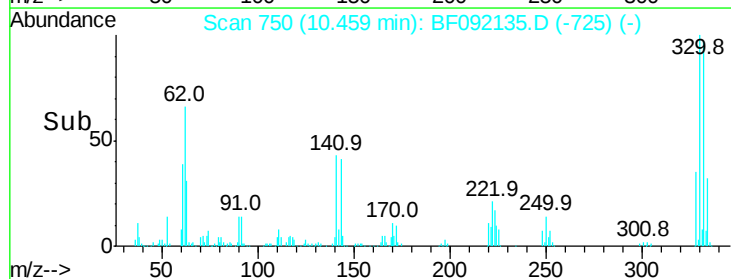
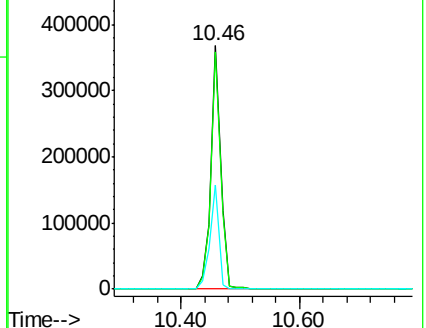
141 38.9 34.1 51.1

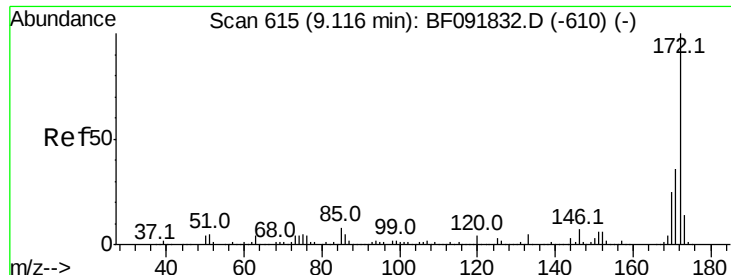


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



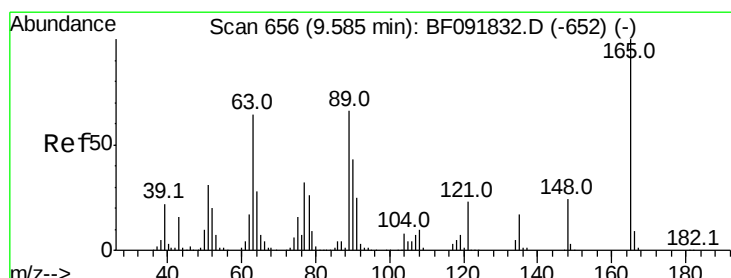
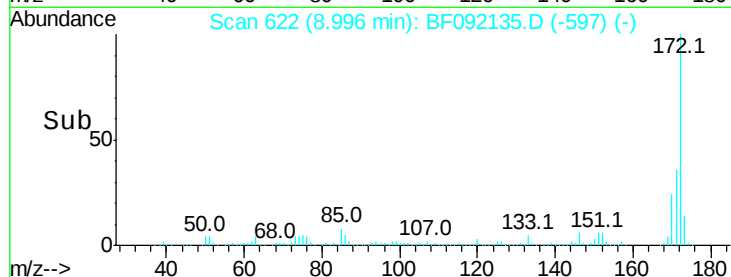
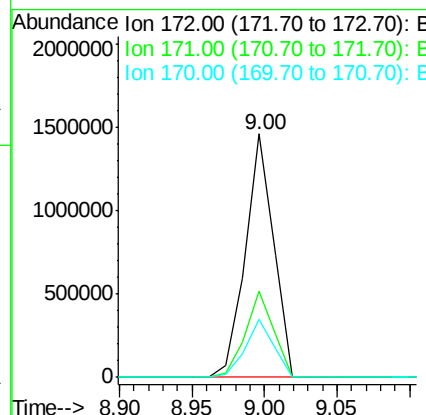
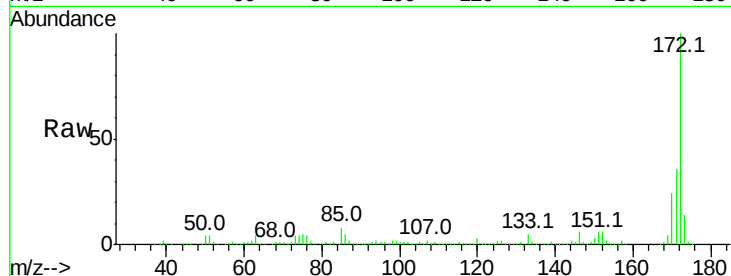


#44
 2-Fluorobiphenyl
 Concen: 99.75 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092135.D
 Acq: 9 Jan 2017 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95795BL

Tot Ion:172 Resp: 1968383

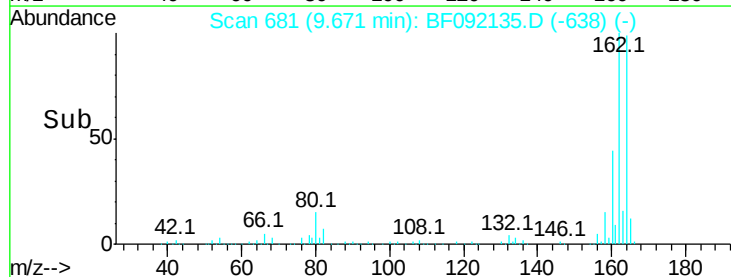
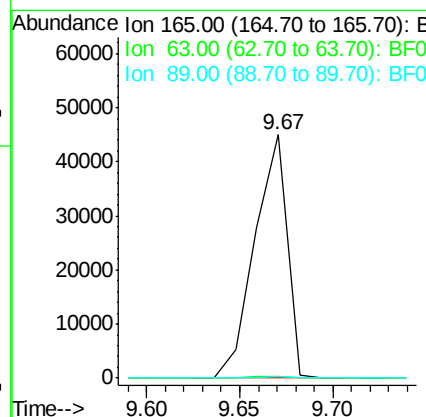
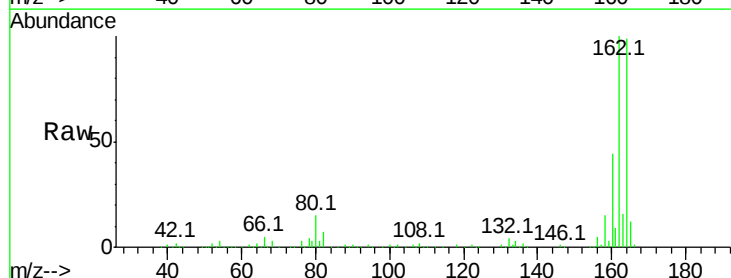
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.0	20.2	30.4

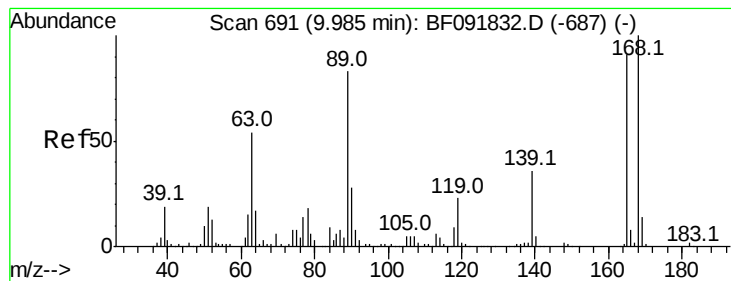


#50
 2,6-Dinitrotoluene
 Concen: 9.29 ng
 RT: 9.67 min Scan# 681
 Delta R.T. 0.19 min
 Lab File: BF092135.D
 Acq: 9 Jan 2017 13:44

Tgt Ion:165 Resp: 53809

Ion	Ratio	Lower	Upper
165	100		
63	0.7	36.2	54.4#
89	0.7	40.2	60.4#

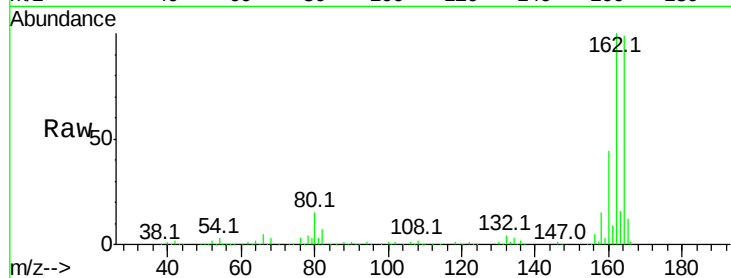




#56
 2,4-Dinitrotoluene
 Concen: 7.40 ng
 RT: 9.67 min Scan# 681
 Delta R.T. -0.22 min
 Lab File: BF092135.D
 Acq: 9 Jan 2017 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95795BL

Tot Ion:165	Resp:	53809
Ion Ratio	Lower	Upper
165	100	
63	0.7	40.2 60.4#
89	0.7	62.5 93.7#
182	0.0	1.8 2.8#

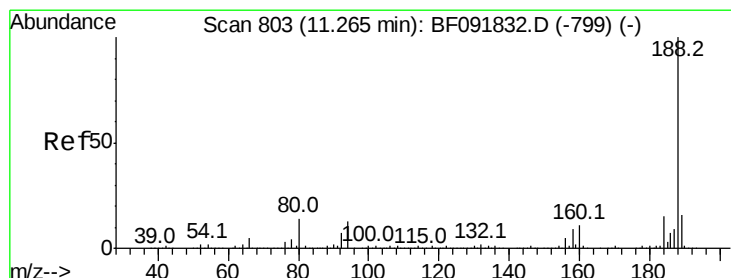
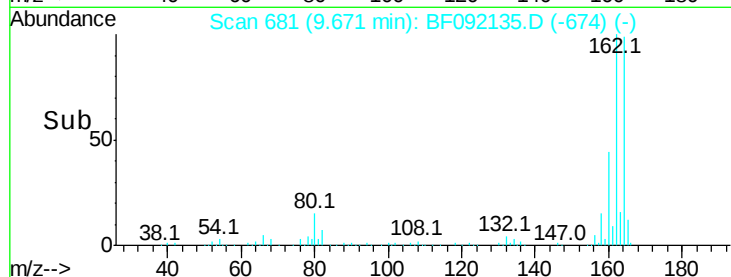
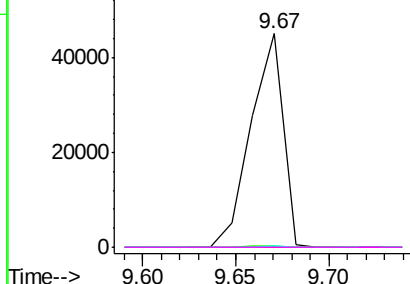


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

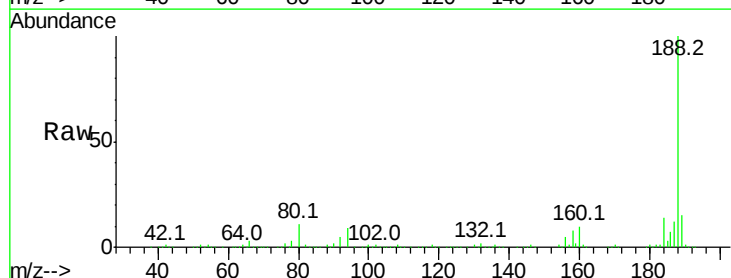
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF092135.D
 Acq: 9 Jan 2017 13:44

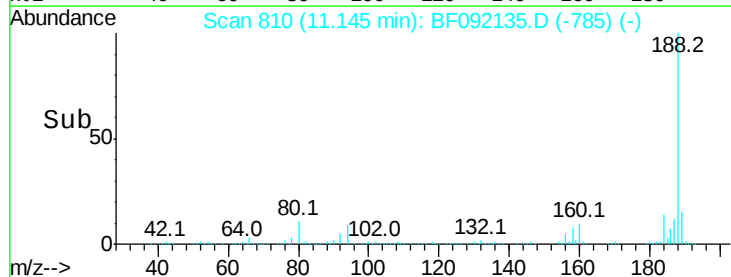
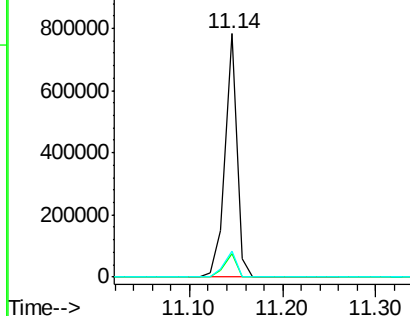
Tgt Ion:188	Resp:	695795
Ion Ratio	Lower	Upper
188	100	
94	9.5	10.0 15.0#
80	10.6	11.2 16.8#

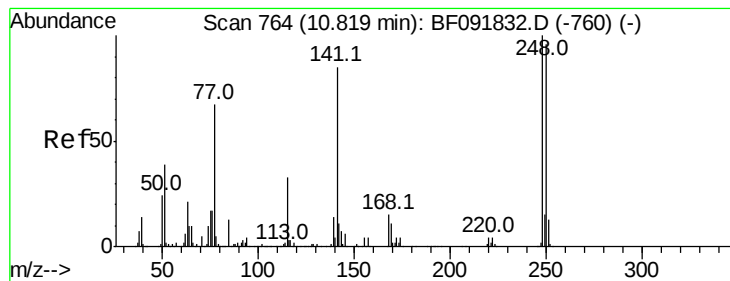


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.66 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.25 min

Lab File: BF092135.D

Acq: 9 Jan 2017 13:44

Instrument :

BNA_F

ClientSampleId :

PB95795BL

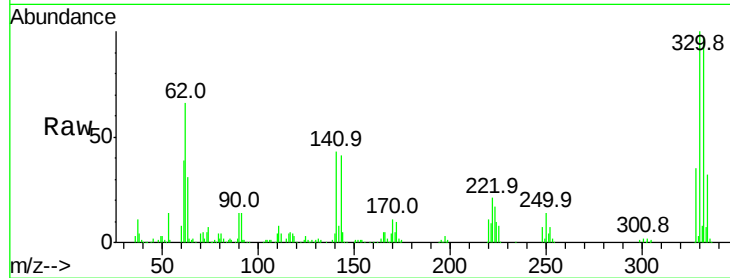
Tot Ion:248 Resp: 26480

Ion Ratio Lower Upper

248 100

250 206.0 76.9 115.3#

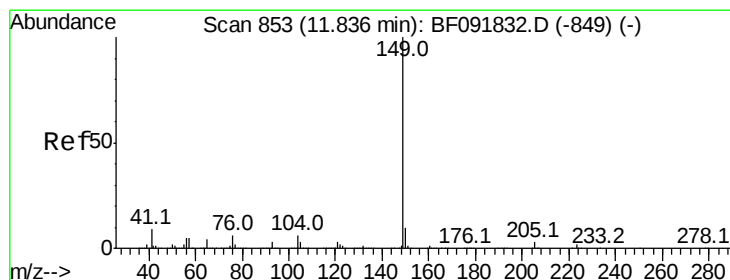
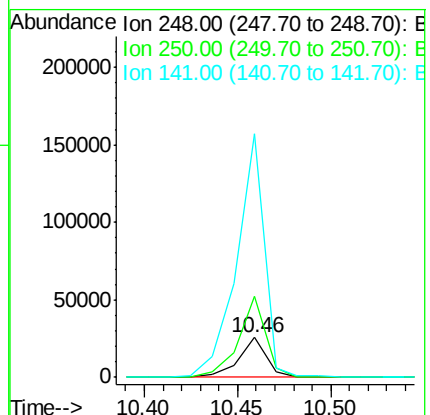
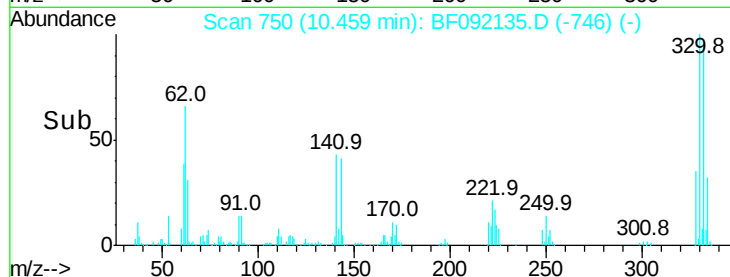
141 614.7 68.2 102.4#



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.72 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF092135.D

Acq: 9 Jan 2017 13:44

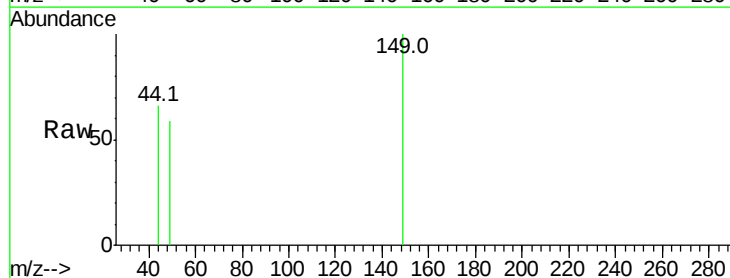
Tgt Ion:149 Resp: 687

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

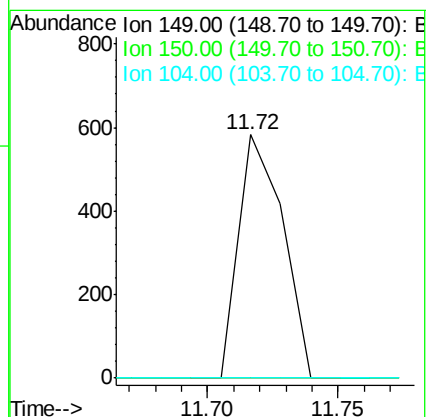
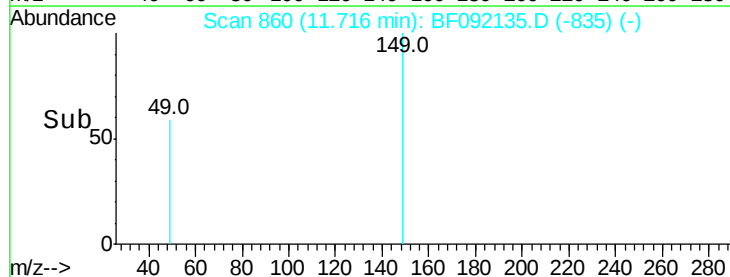
104 0.0 4.6 7.0#

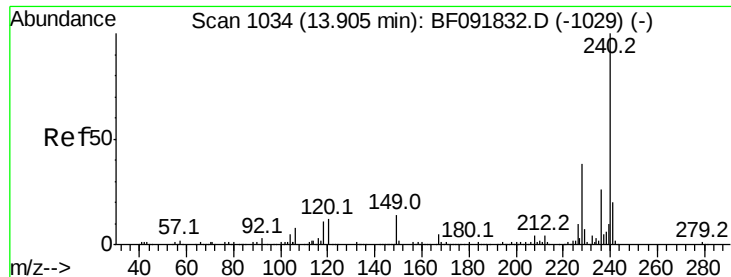


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF092135.D

Acq: 9 Jan 2017 13:44

Instrument :

BNA_F

ClientSampleId :

PB95795BL

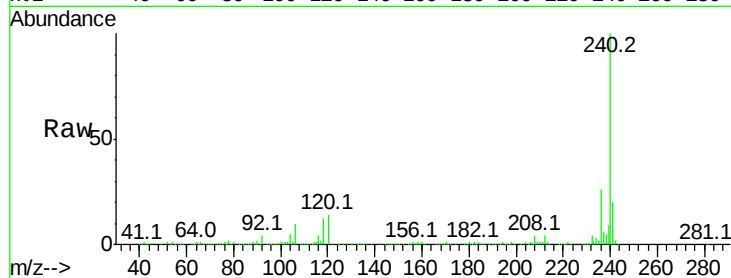
Tot Ion:240 Resp: 756628

Ion Ratio Lower Upper

240 100

120 14.3 12.9 19.3

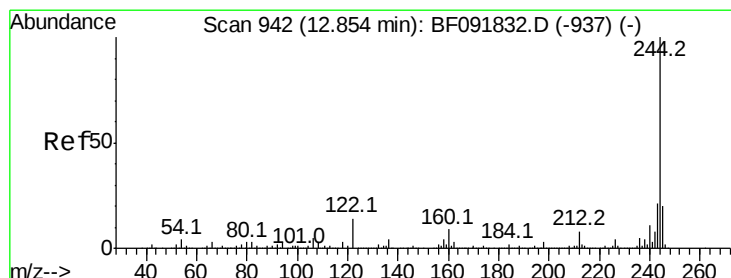
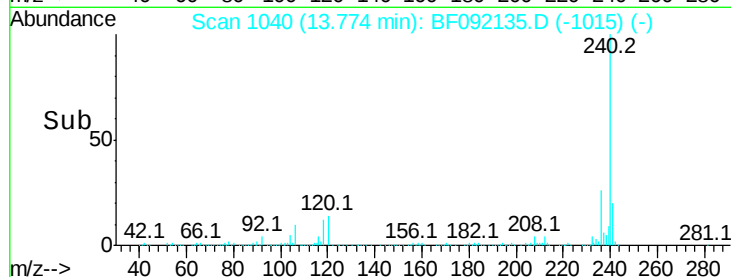
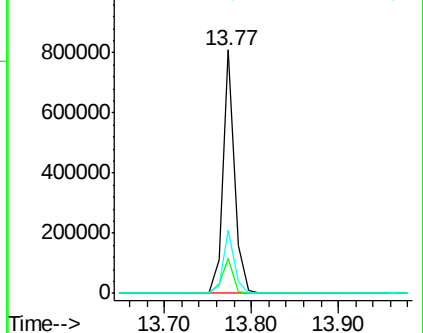
236 26.0 20.9 31.3



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: 60.30 ng

RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092135.D

Acq: 9 Jan 2017 13:44

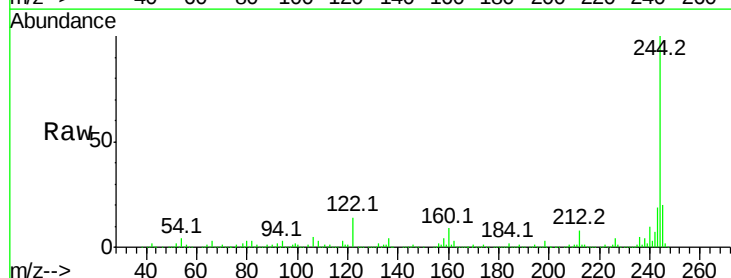
Tgt Ion:244 Resp: 1881073

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

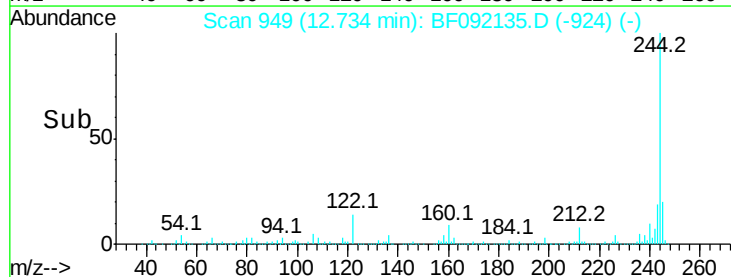
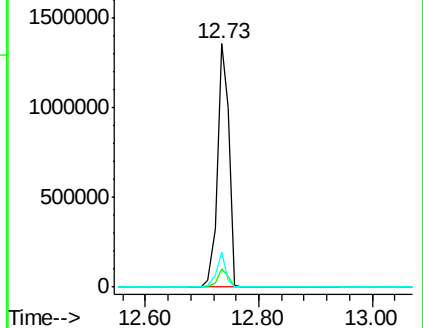
122 14.4 11.4 17.2

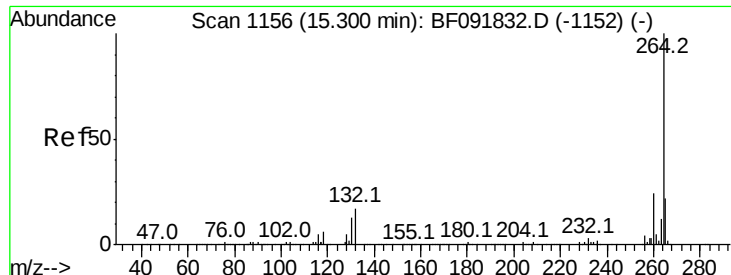


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

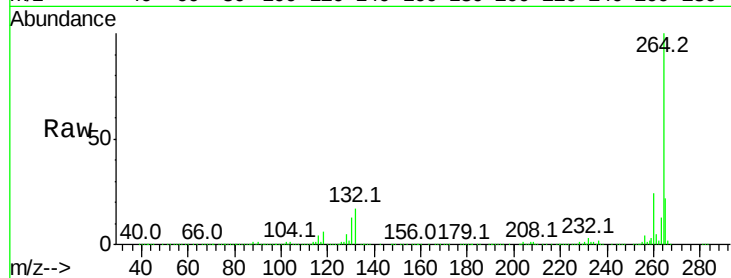




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF092135.D
 Acq: 9 Jan 2017 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95795BL

Tot Ion: 264 Resp: 558141
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.5 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

