

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
 Data File : BF092117.D
 Acq On : 6 Jan 2017 15:19
 Operator : UM/SJ
 Sample : PB95795BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95795BL

Quant Time: Jan 06 22:28:29 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

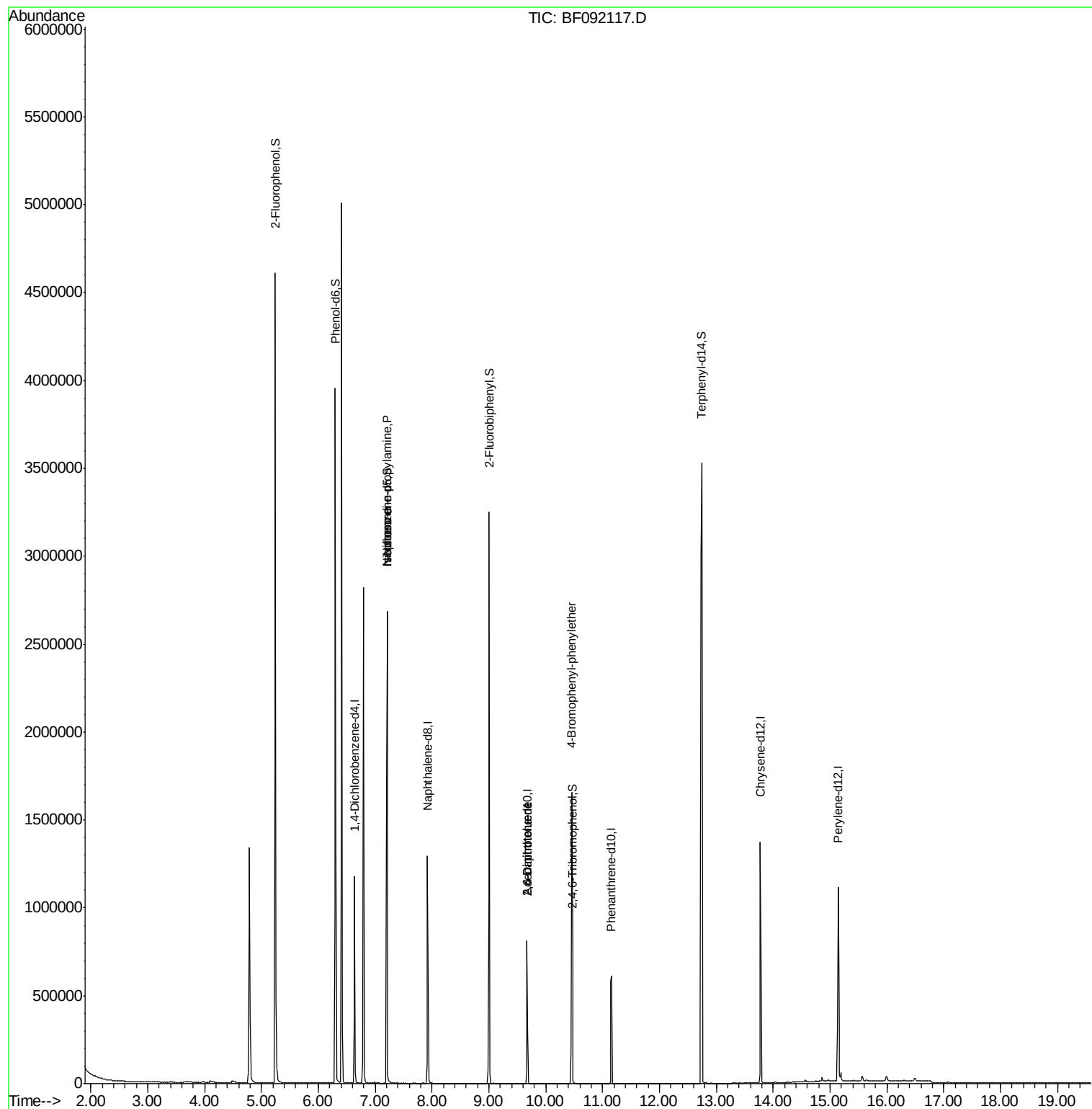
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	190201	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	729842	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	189562	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	343293	20.00	ng	0.00
75) Chrysene-d12	13.77	240	584180	20.00	ng	-0.01
86) Perylene-d12	15.15	264	452721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1389318	121.96	ng	0.01
7) Phenol-d6	6.30	99	1609794	115.75	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1154119	87.93	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	226027	144.08	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1020441	114.82	ng	0.00
78) Terphenyl-d14	12.74	244	1594055	66.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.21	70	146750	15.86	ng	# 72
25) Isophorone	7.21	82	1124431	46.43	ng	# 65
50) 2,6-Dinitrotoluene	9.67	165	24142	9.10	ng	# 29
56) 2,4-Dinitrotoluene	9.67	165	24142	7.25	ng	# 18
66) 4-Bromophenyl-phenylether	10.46	248	13418	3.76	ng	# 1
73) Di-n-butylphthalate	11.73	149	791	Below Cal		# 76

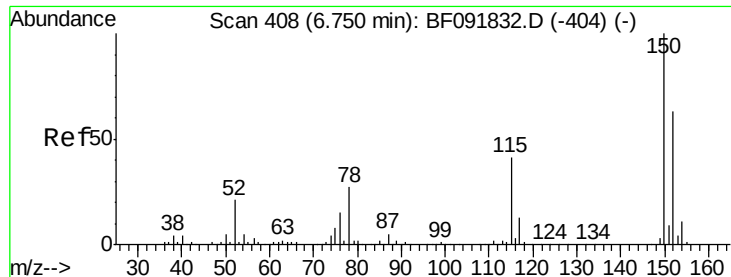
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092117.D

Acq: 6 Jan 2017 15:19

Instrument :

BNA_F

ClientSampleId :

PB95795BL

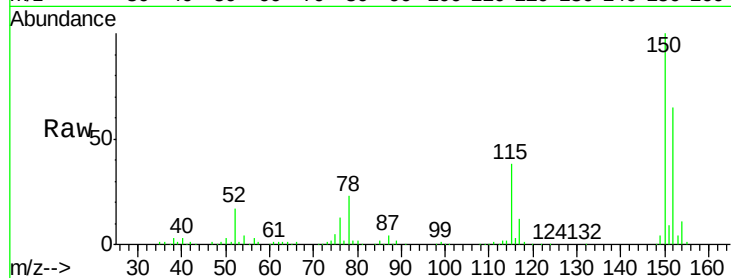
Tgt Ion:152 Resp: 190201

Ion Ratio Lower Upper

152 100

150 154.2 124.9 187.3

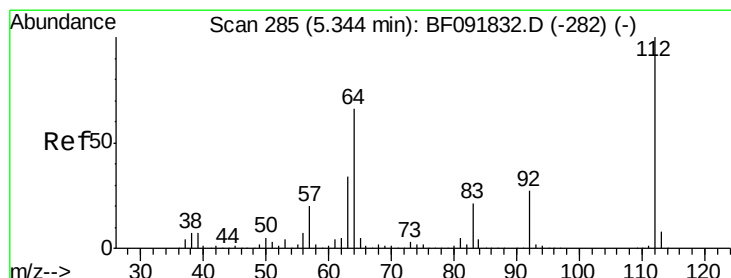
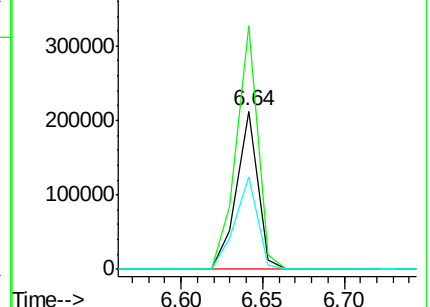
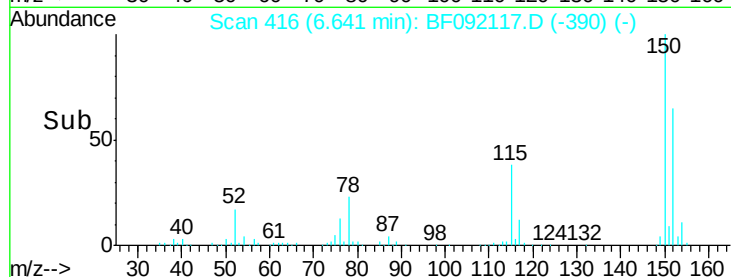
115 58.3 46.0 69.0



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: 121.96 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092117.D

Acq: 6 Jan 2017 15:19

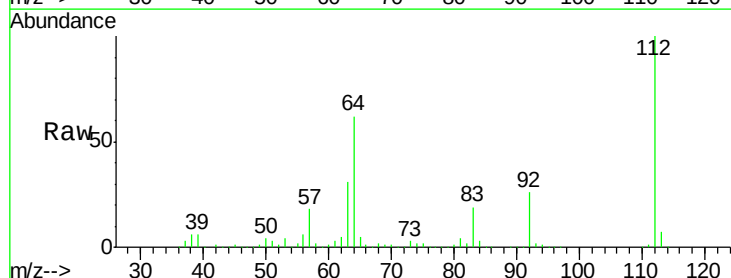
Tgt Ion:112 Resp: 1389318

Ion Ratio Lower Upper

112 100

64 61.9 46.1 69.1

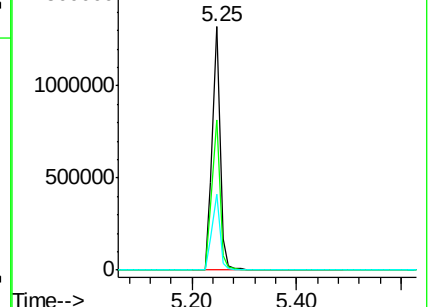
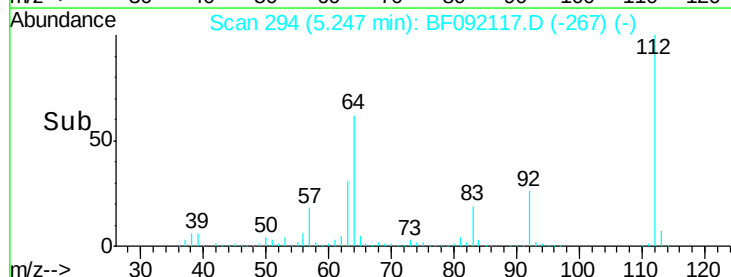
63 31.1 23.8 35.6

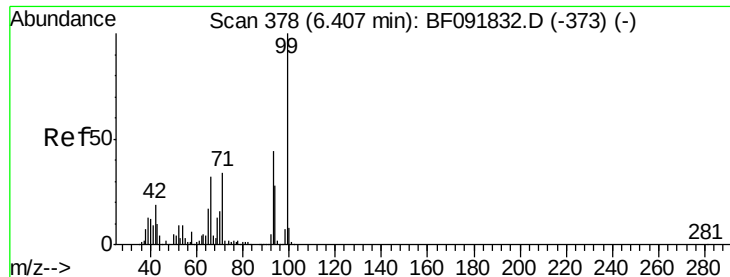


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.75 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092117.D

Acq: 6 Jan 2017 15:19

Instrument :

BNA_F

ClientSampleId :

PB95795BL

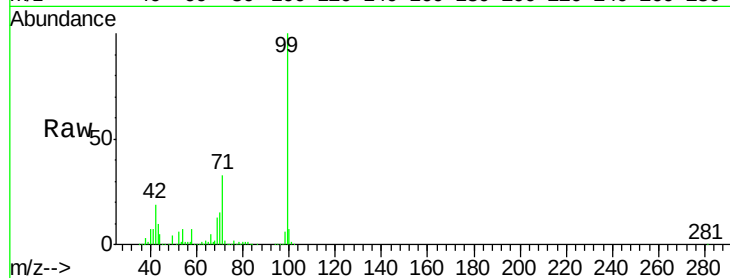
Tgt Ion: 99 Resp: 1609794

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

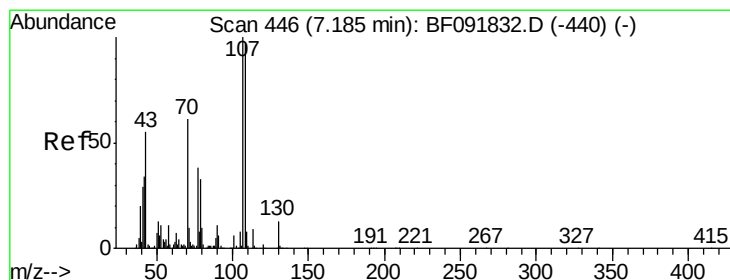
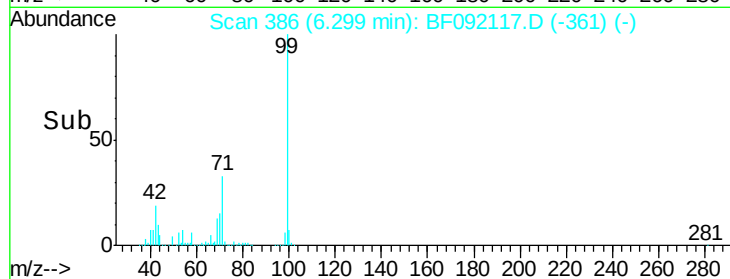
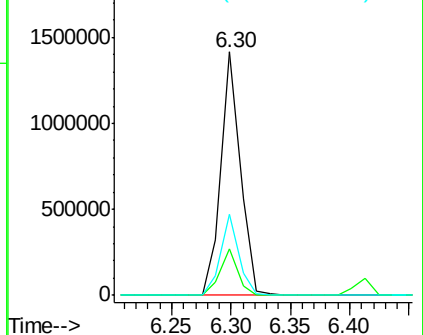
71 33.3 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.86 ng

RT: 7.21 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF092117.D

Acq: 6 Jan 2017 15:19

Tgt Ion: 70 Resp: 146750

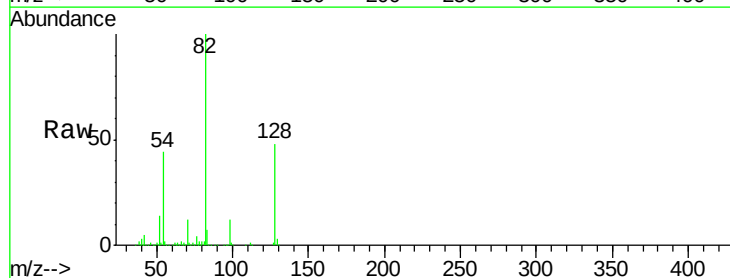
Ion Ratio Lower Upper

70 100

42 41.8 49.4 74.0#

101 0.0 7.4 11.2#

130 2.4 14.2 21.4#

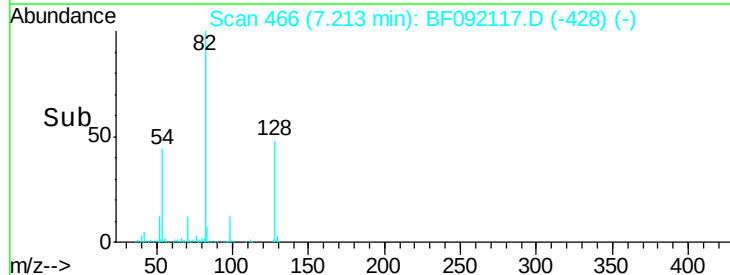
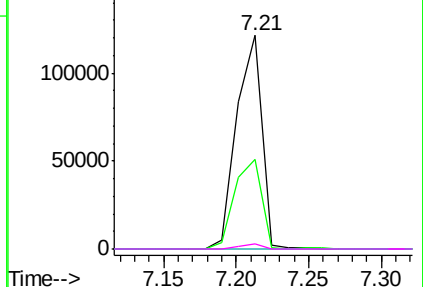


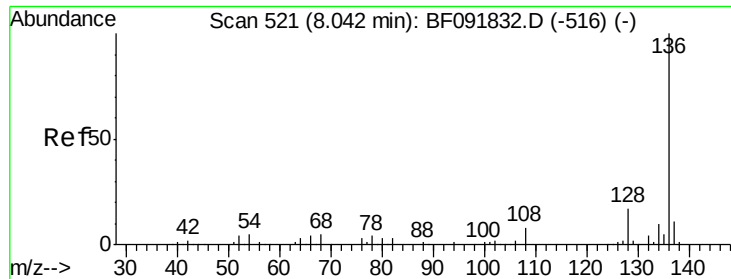
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

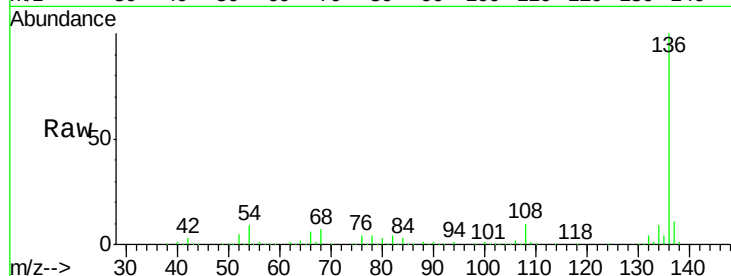




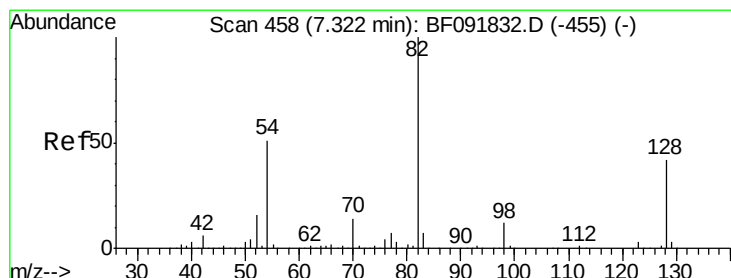
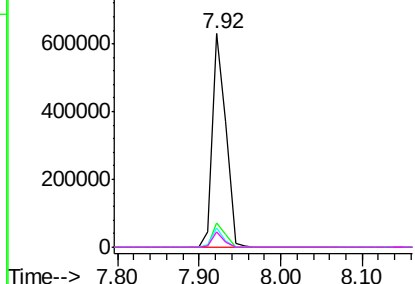
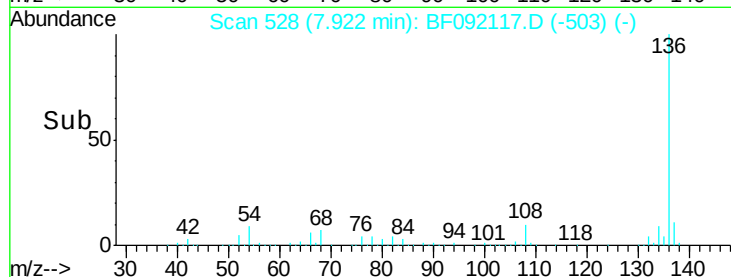
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092117.D
Acq: 6 Jan 2017 15:19

Instrument :
BNA_F
ClientSampleId :
PB95795BL

Tgt Ion:	136	Resp:	729842
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.2	4.5	6.7#
68	7.1	3.6	5.4#

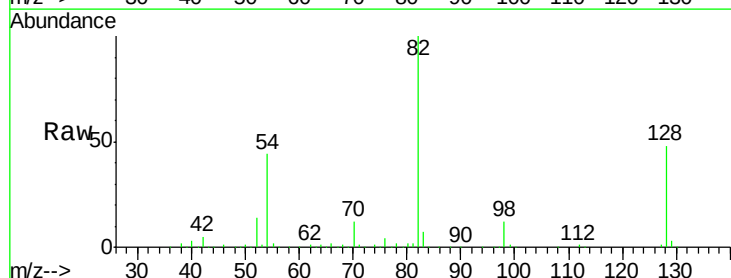


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

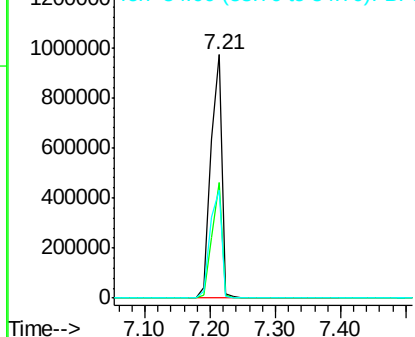
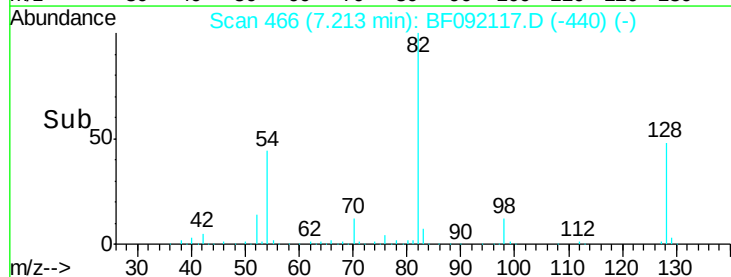


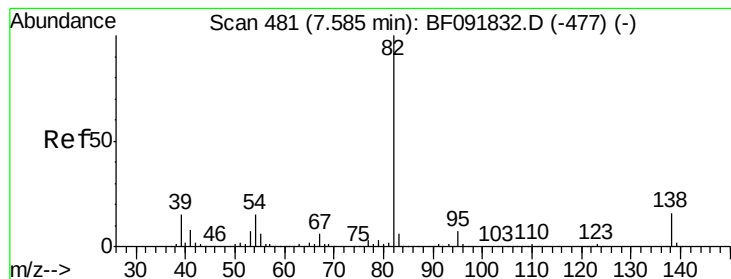
#23
Nitrobenzene-d5
Concen: 87.93 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092117.D
Acq: 6 Jan 2017 15:19

Tgt Ion:	82	Resp:	1154119
Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.6	52.0
54	44.4	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: 46.43 ng

RT: 7.21 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF092117.D

Acq: 6 Jan 2017 15:19

Instrument :

BNA_F

ClientSampleId :

PB95795BL

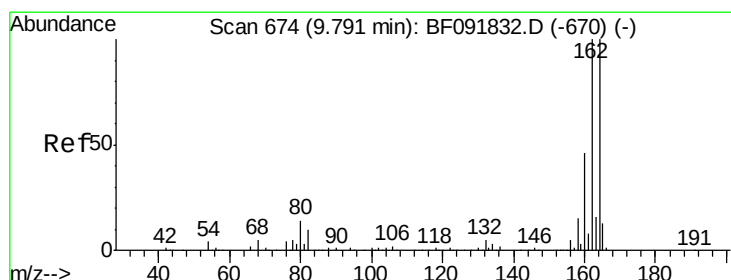
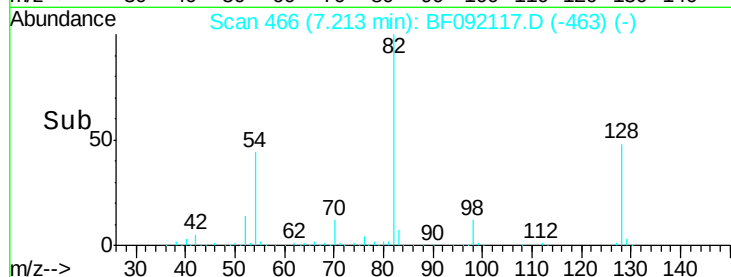
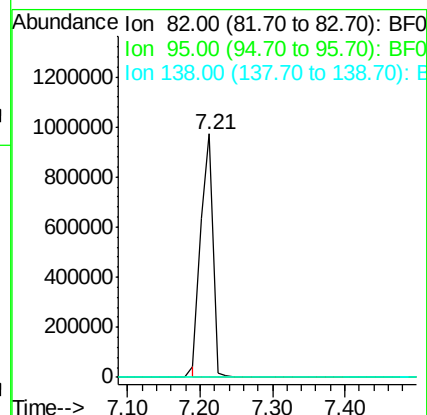
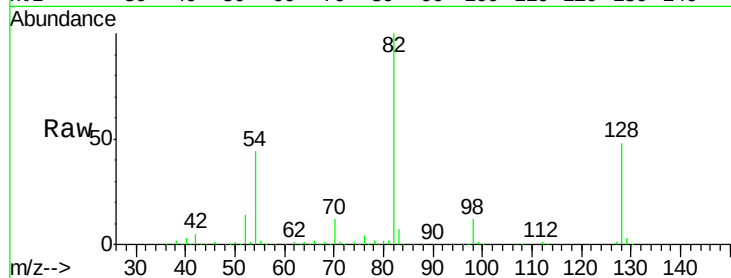
Tgt Ion: 82 Resp: 1124431

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: 9.67 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092117.D

Acq: 6 Jan 2017 15:19

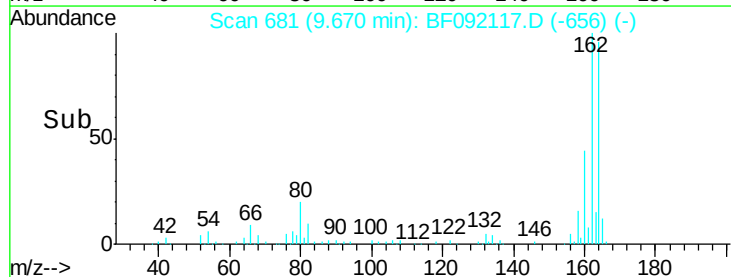
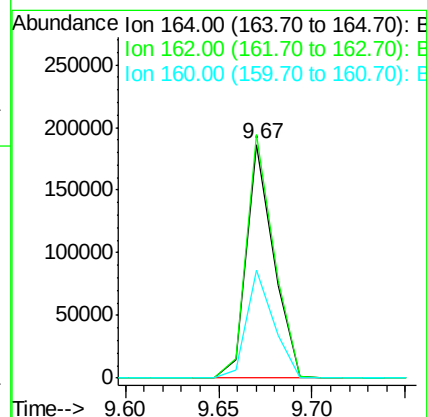
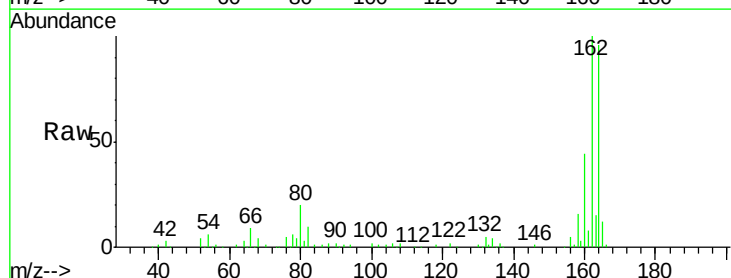
Tgt Ion: 164 Resp: 189562

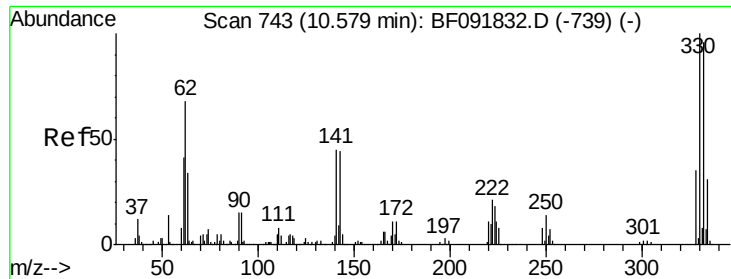
Ion Ratio Lower Upper

164 100

162 104.2 80.2 120.2

160 46.0 36.9 55.3

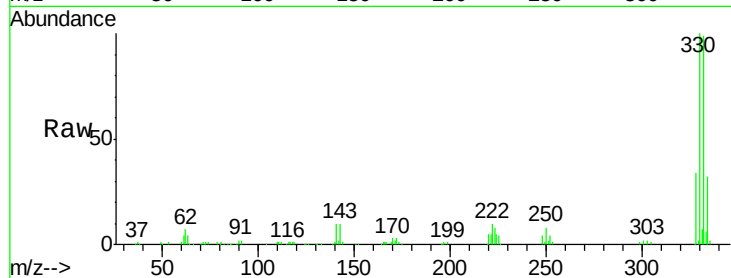




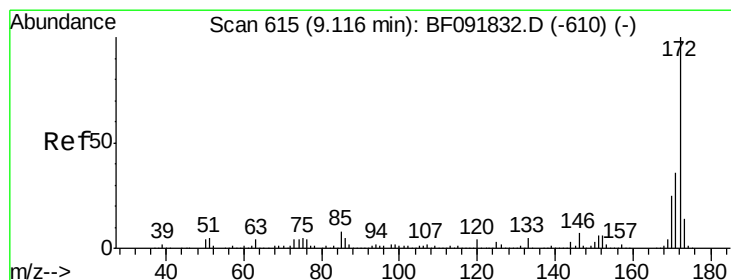
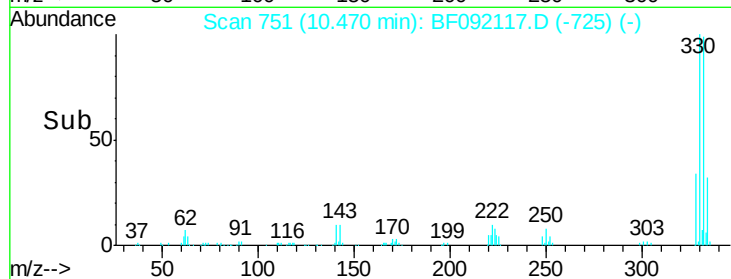
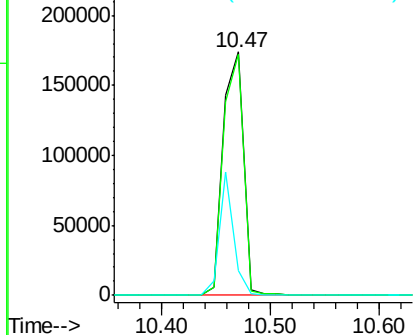
#41
 2,4,6-Tribromophenol
 Concen: 144.08 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092117.D
 Acq: 6 Jan 2017 15:19

Instrument :
 BNA_F
 ClientSampleId :
 PB95795BL

Tgt Ion:330 Resp: 226027
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.2
 141 35.5 34.1 51.1

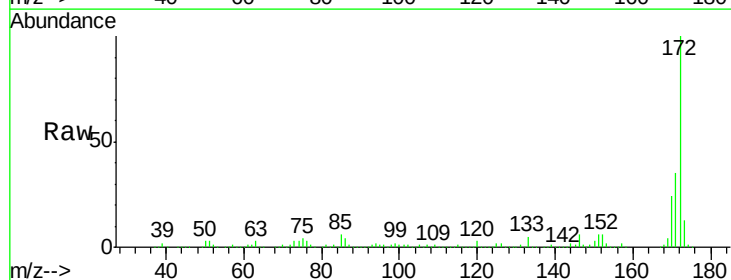


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

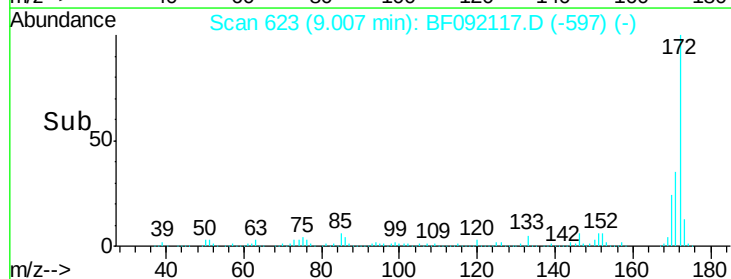
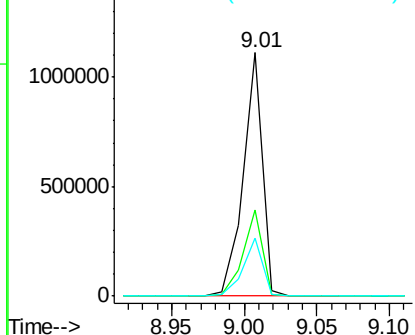


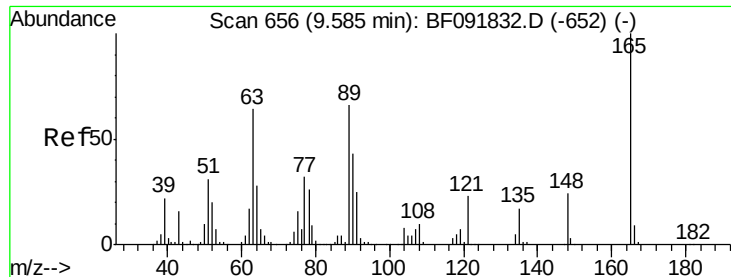
#44
 2-Fluorobiphenyl
 Concen: 114.82 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092117.D
 Acq: 6 Jan 2017 15:19

Tgt Ion:172 Resp: 1020441
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 24.0 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: 9.10 ng

RT: 9.67 min Scan# 681

Delta R.T. 0.19 min

Lab File: BF092117.D

Acq: 6 Jan 2017 15:19

Instrument :

BNA_F

ClientSampleId :

PB95795BL

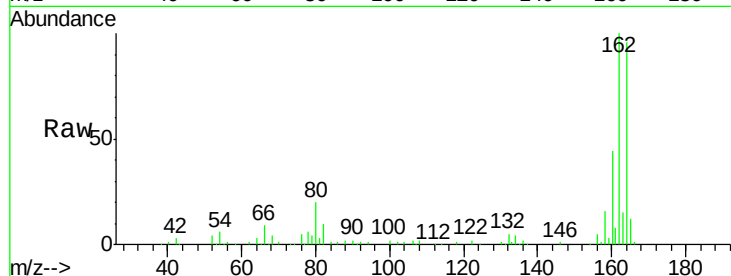
Tgt Ion:165 Resp: 24142

Ion Ratio Lower Upper

165 100

63 0.0 36.2 54.4#

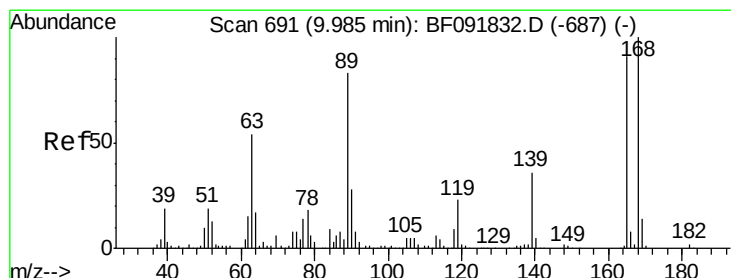
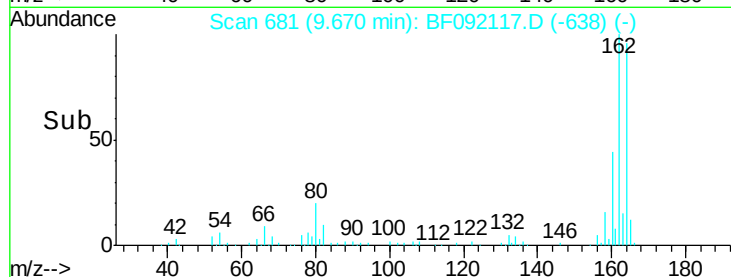
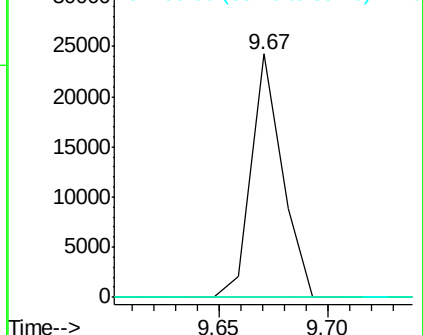
89 0.0 40.2 60.4#



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: 7.25 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.22 min

Lab File: BF092117.D

Acq: 6 Jan 2017 15:19

Tgt Ion:165 Resp: 24142

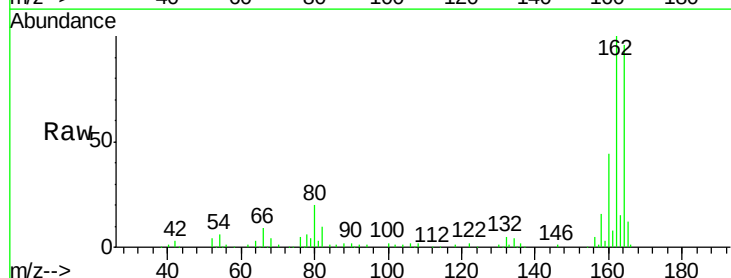
Ion Ratio Lower Upper

165 100

63 0.0 40.2 60.4#

89 0.0 62.5 93.7#

182 0.0 1.8 2.8#

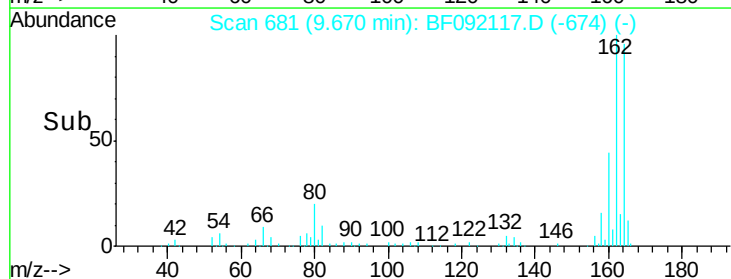
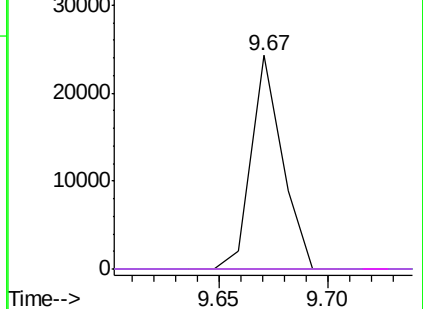


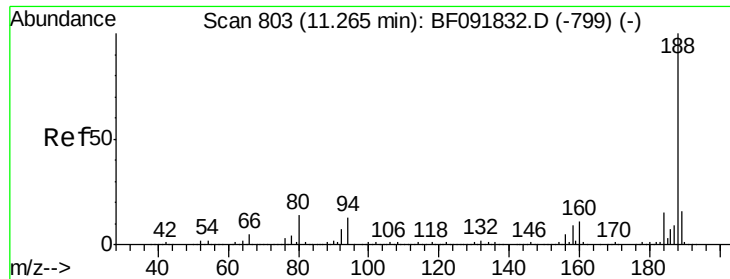
Abundance Ion 165.00 (164.70 to 165.70): E

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

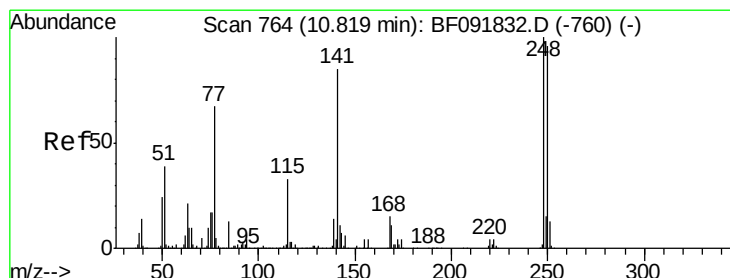
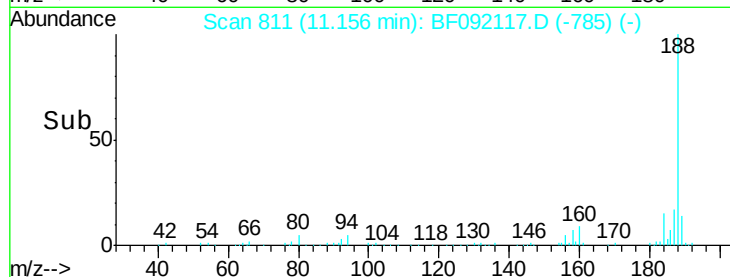
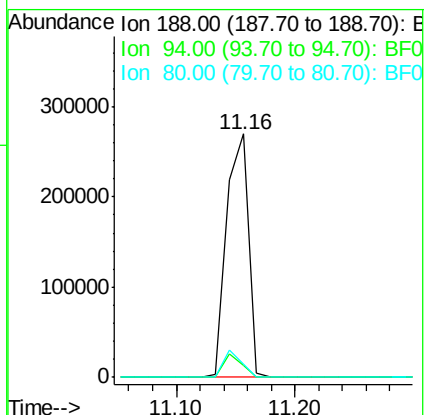
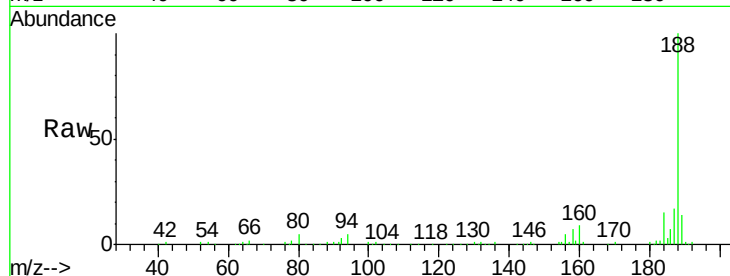




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092117.D
Acq: 6 Jan 2017 15:19

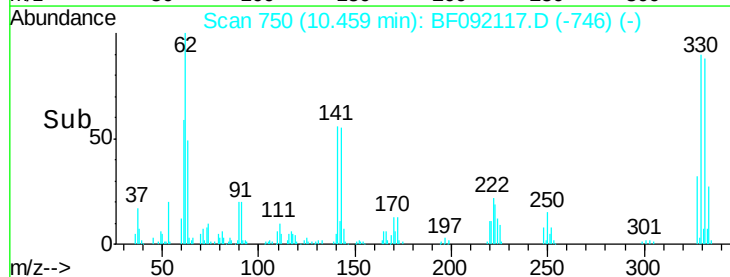
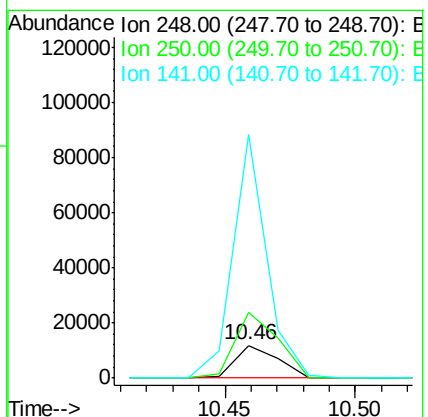
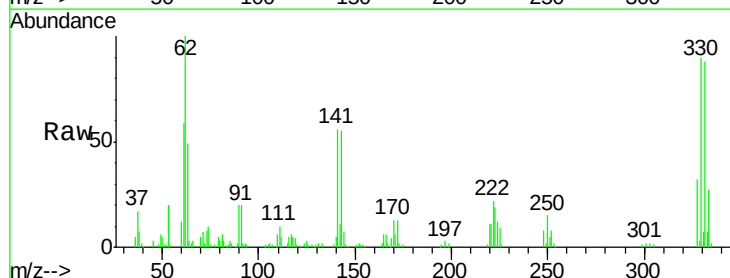
Instrument :
BNA_F
ClientSampleId :
PB95795BL

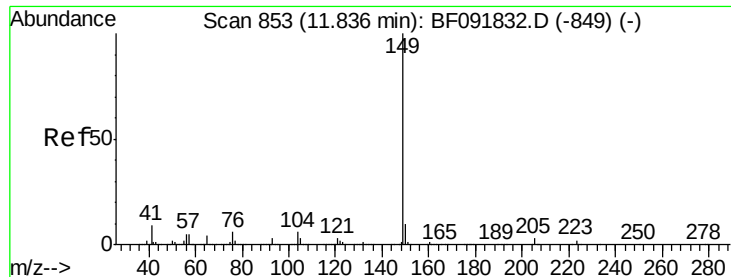
Tgt Ion:188 Resp: 343293
Ion Ratio Lower Upper
188 100
94 5.1 10.0 15.0#
80 5.3 11.2 16.8#



#66
4-Bromophenyl-phenylether
Concen: 3.76 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.25 min
Lab File: BF092117.D
Acq: 6 Jan 2017 15:19

Tgt Ion:248 Resp: 13418
Ion Ratio Lower Upper
248 100
250 197.8 76.9 115.3#
141 739.5 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092117.D

Acq: 6 Jan 2017 15:19

Instrument :

BNA_F

ClientSampleId :

PB95795BL

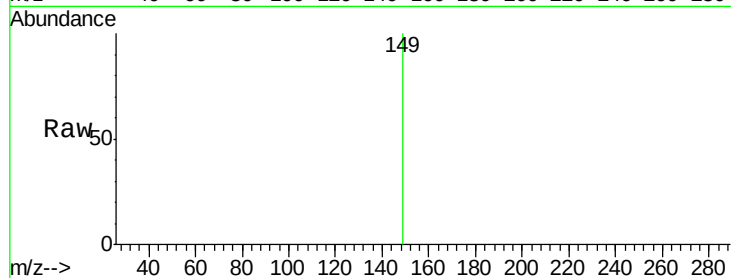
Tgt Ion:149 Resp: 791

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

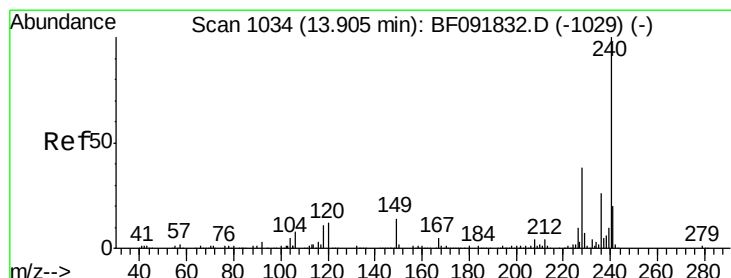
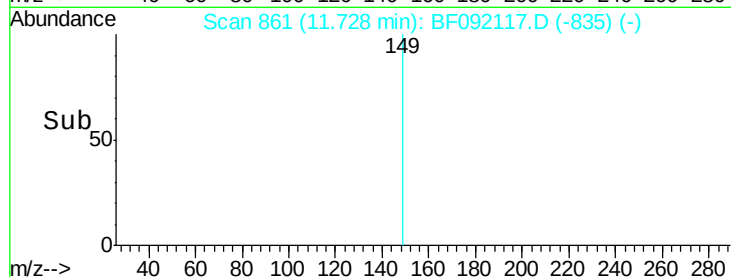
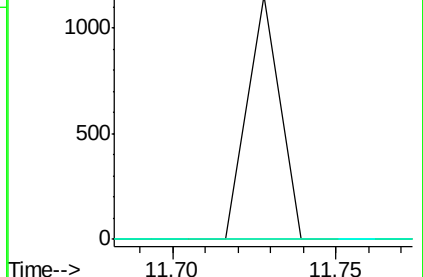
104 0.0 4.6 7.0#



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: BF092117.D

Acq: 6 Jan 2017 15:19

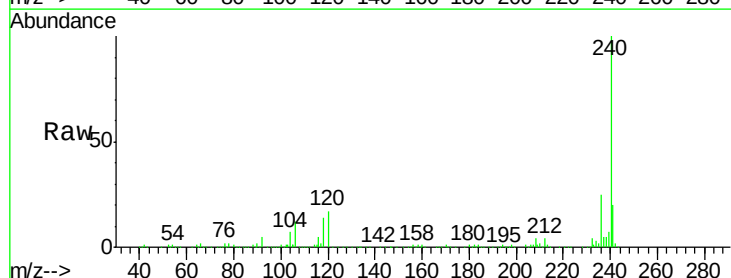
Tgt Ion:240 Resp: 584180

Ion Ratio Lower Upper

240 100

120 16.7 12.9 19.3

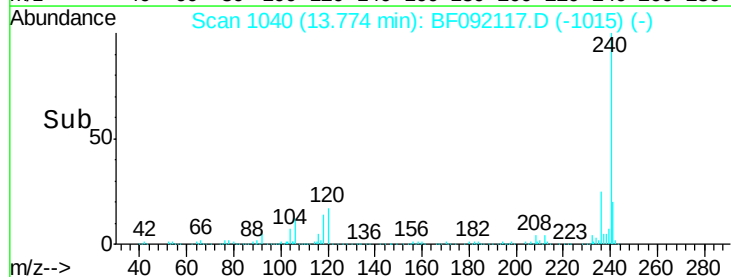
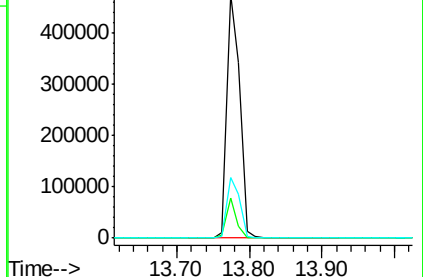
236 25.1 20.9 31.3

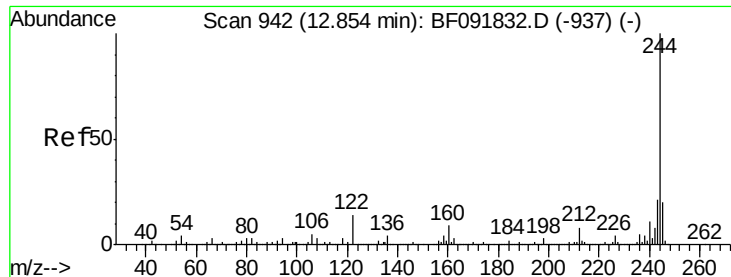


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.18 ng

RT: 12.74 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092117.D

Acq: 6 Jan 2017 15:19

Instrument :

BNA_F

ClientSampleId :

PB95795BL

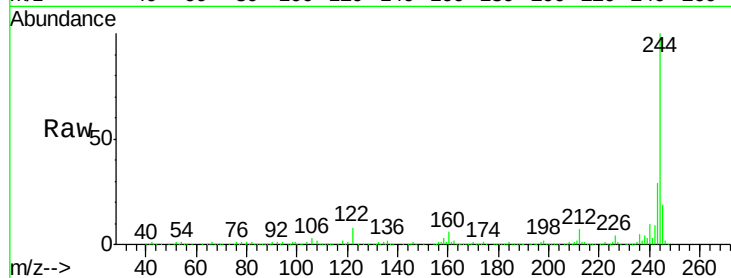
Tgt Ion:244 Resp: 1594055

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

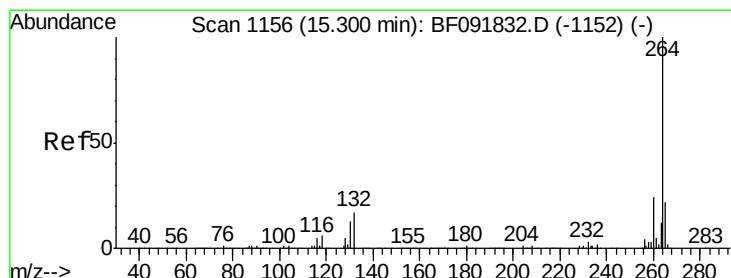
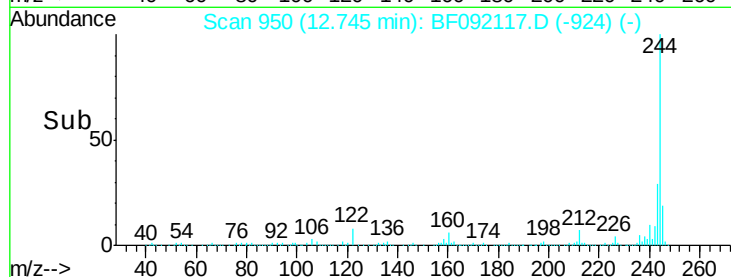
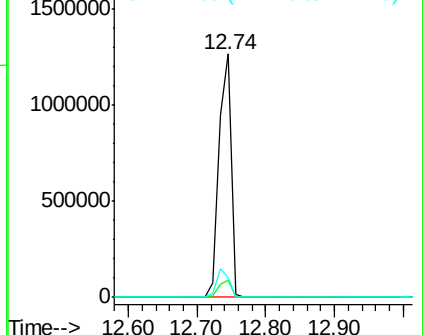
122 8.1 11.4 17.2#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF092117.D

Acq: 6 Jan 2017 15:19

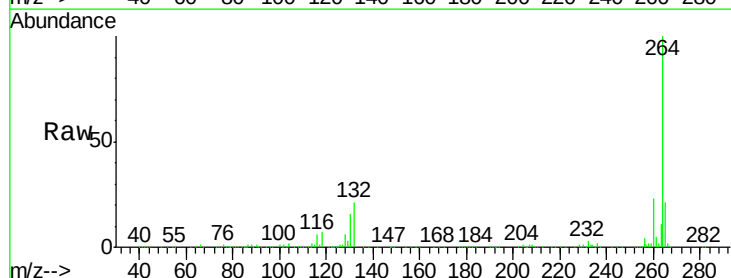
Tgt Ion:264 Resp: 452721

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.3 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

