

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
 Data File : BF092119.D
 Acq On : 6 Jan 2017 16:15
 Operator : UM/SJ
 Sample : PB95795TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95795TB

Quant Time: Jan 06 22:29:59 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

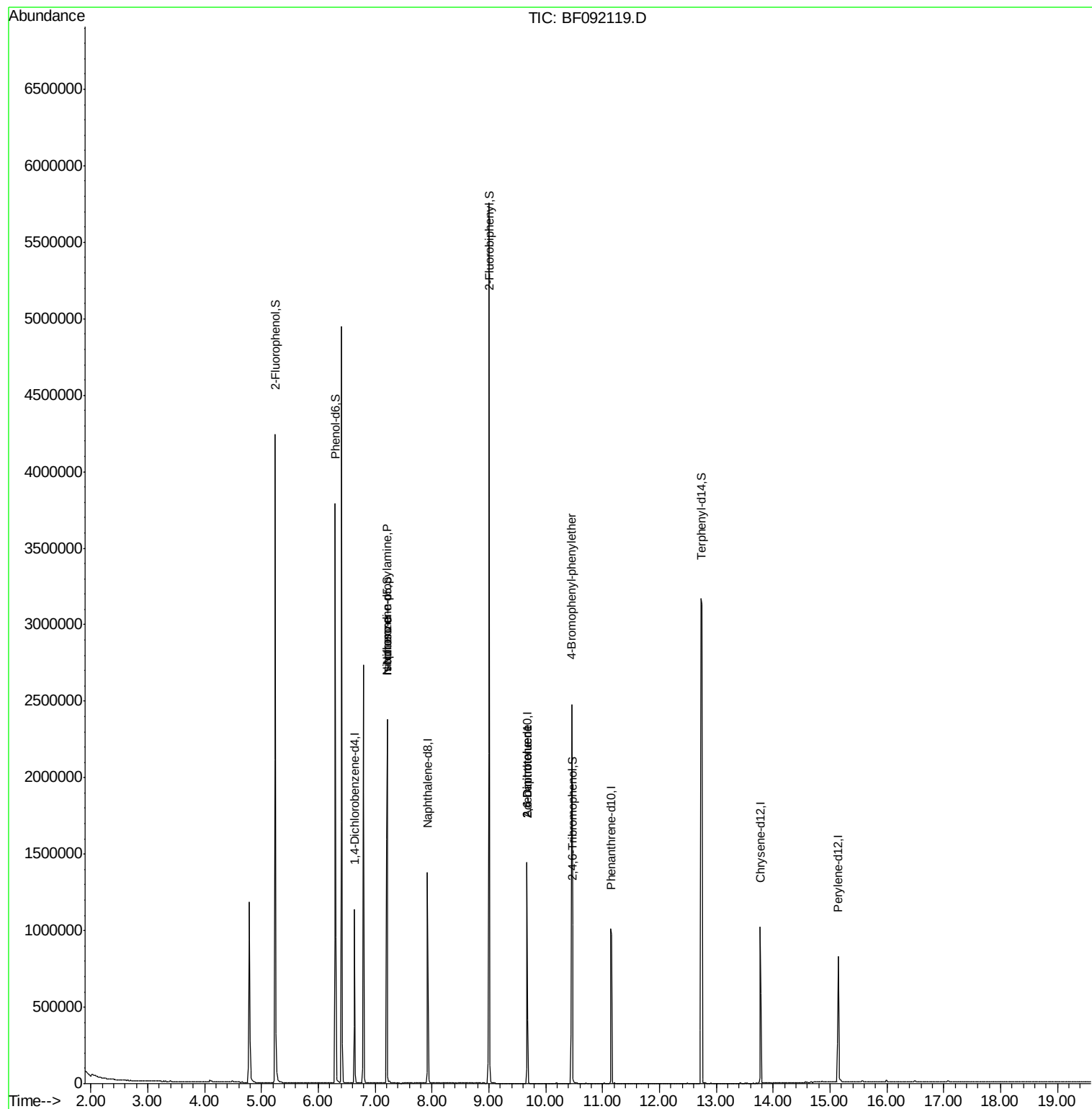
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	184799	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	739473	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	317212	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	560974	20.00	ng	0.00
75) Chrysene-d12	13.77	240	432725	20.00	ng	-0.01
86) Perylene-d12	15.15	264	336506	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1365846	123.41	ng	0.01
7) Phenol-d6	6.30	99	1439535	106.53	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1018593	76.59	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	349412	133.10	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1863116	126.67	ng	0.00
78) Terphenyl-d14	12.75	244	1576249	88.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.21	70	131352	14.61	ng	# 72
25) Isophorone	7.21	82	1001155	40.81	ng	# 65
50) 2,6-Dinitrotoluene	9.67	165	41387	9.32	ng	# 30
56) 2,4-Dinitrotoluene	9.67	165	41387	7.43	ng	# 19
66) 4-Bromophenyl-phenylether	10.46	248	19931	3.42	ng	# 1
73) Di-n-butylphthalate	11.73	149	322	Below Cal		# 76
76) Benzidine	12.49	184	1700	Below Cal		# 65

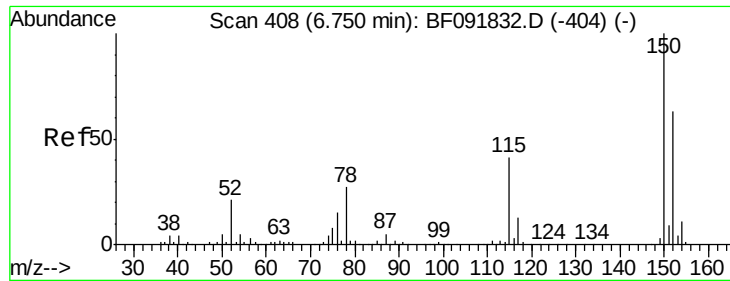
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
Data File : BF092119.D
Acq On : 6 Jan 2017 16:15
Operator : UM/SJ
Sample : PB95795TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95795TB

Quant Time: Jan 06 22:29:59 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092119.D

Acq: 6 Jan 2017 16:15

Instrument :

BNA_F

ClientSampleId :

PB95795TB

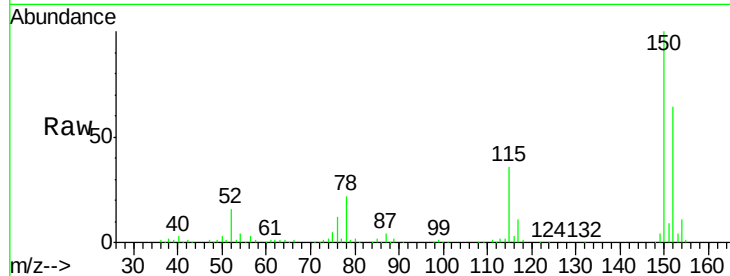
Tgt Ion:152 Resp: 184799

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

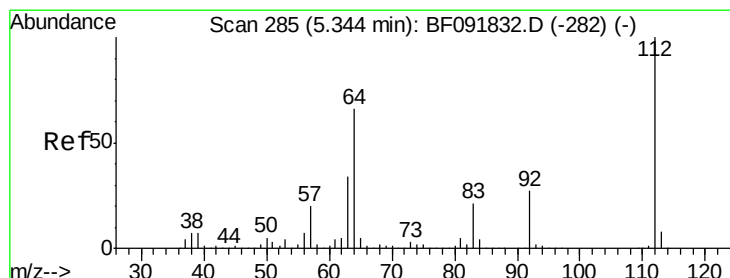
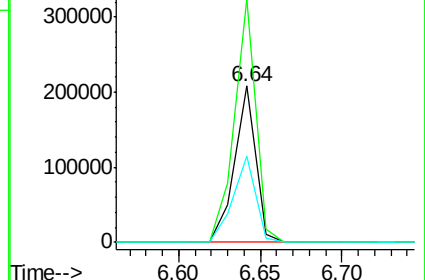
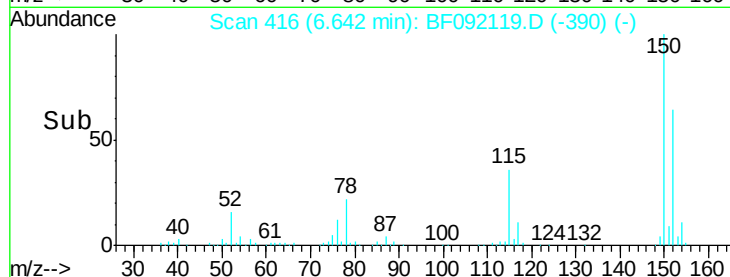
115 55.3 46.0 69.0



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: 123.41 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092119.D

Acq: 6 Jan 2017 16:15

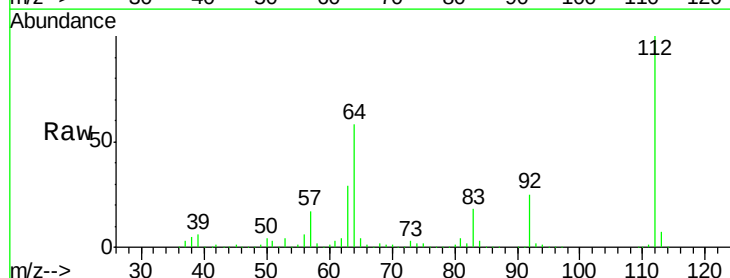
Tgt Ion:112 Resp: 1365846

Ion Ratio Lower Upper

112 100

64 58.1 46.1 69.1

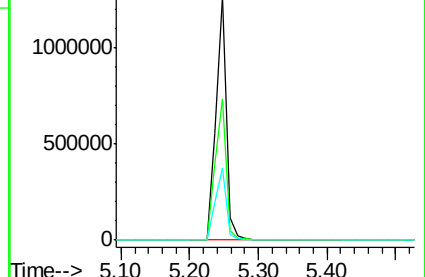
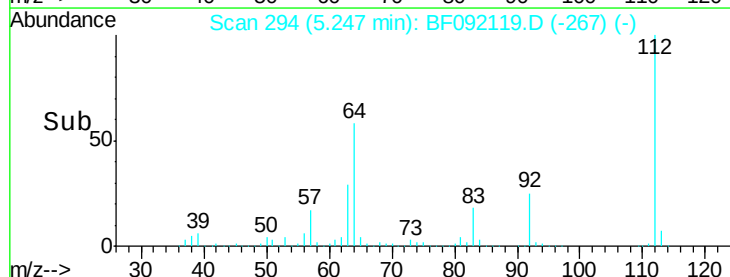
63 29.4 23.8 35.6

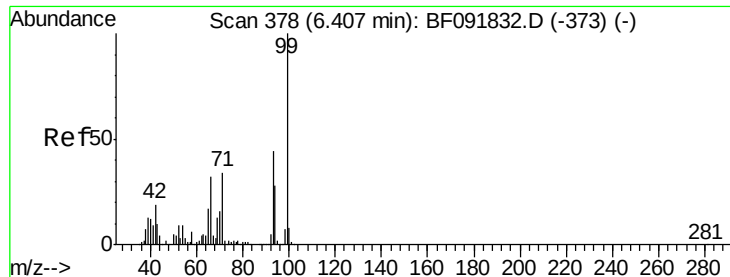


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.53 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092119.D

Acq: 6 Jan 2017 16:15

Instrument :

BNA_F

ClientSampleId :

PB95795TB

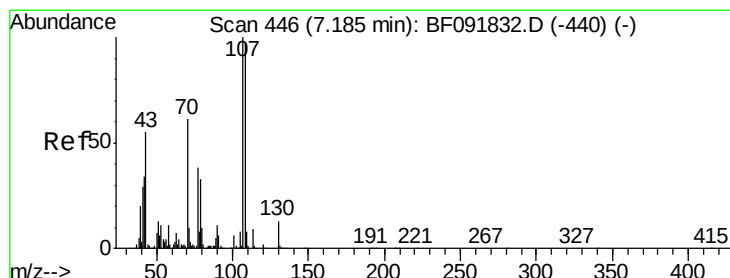
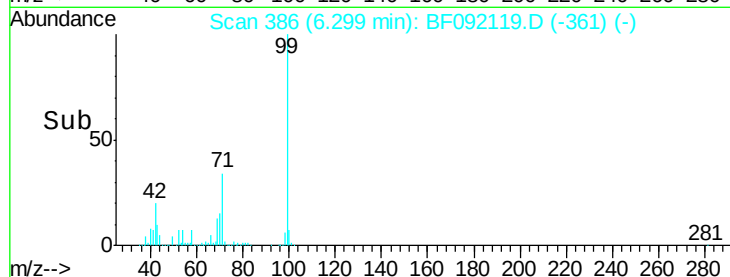
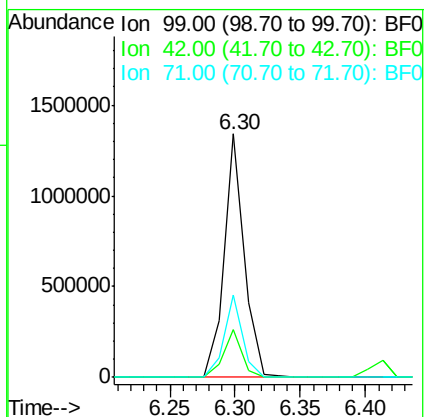
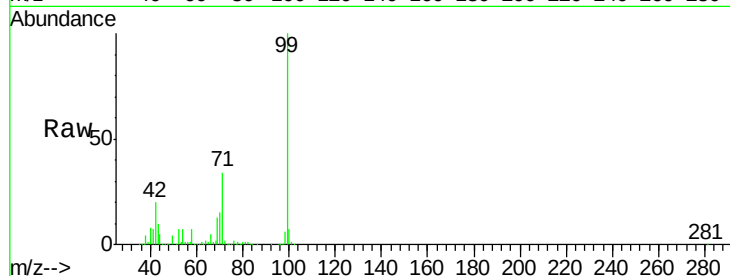
Tgt Ion: 99 Resp: 1439535

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

71 34.0 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.61 ng

RT: 7.21 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF092119.D

Acq: 6 Jan 2017 16:15

Tgt Ion: 70 Resp: 131352

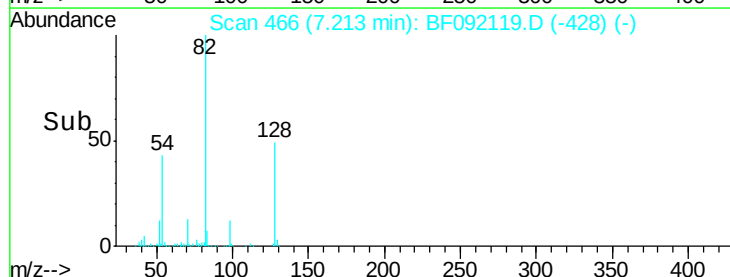
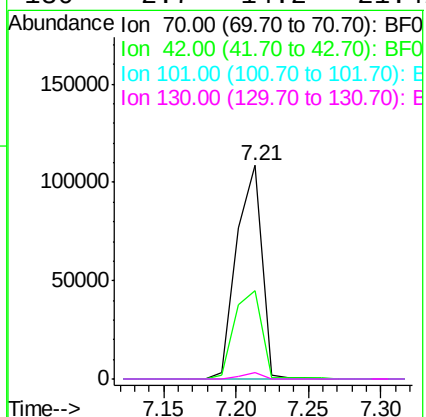
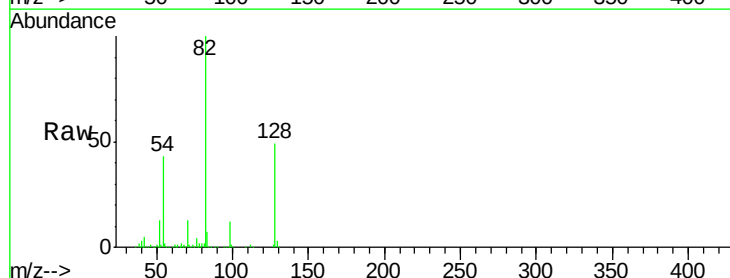
Ion Ratio Lower Upper

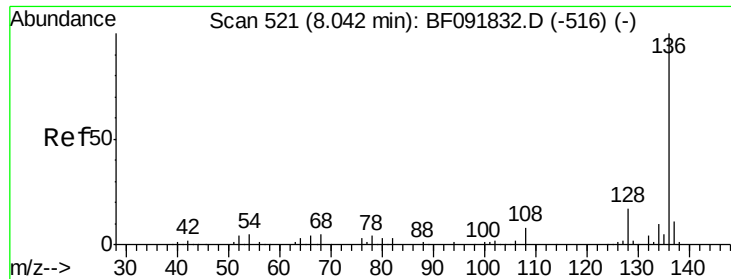
70 100

42 41.5 49.4 74.0#

101 0.0 7.4 11.2#

130 2.7 14.2 21.4#

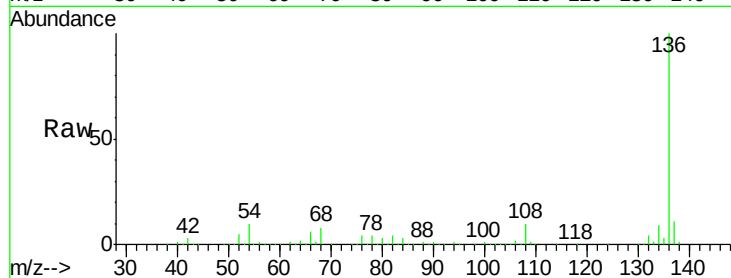




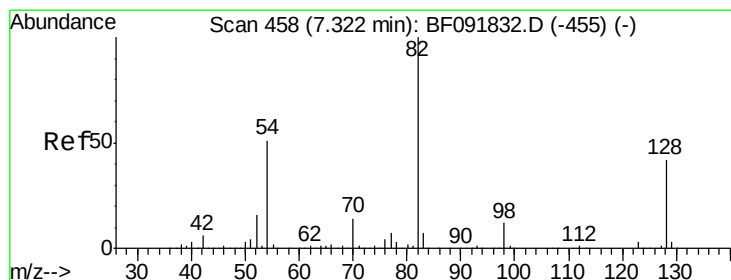
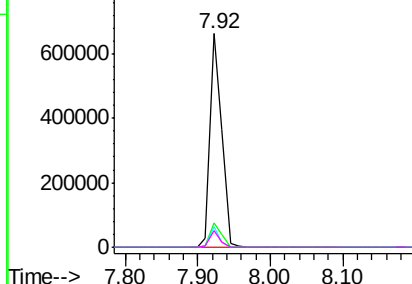
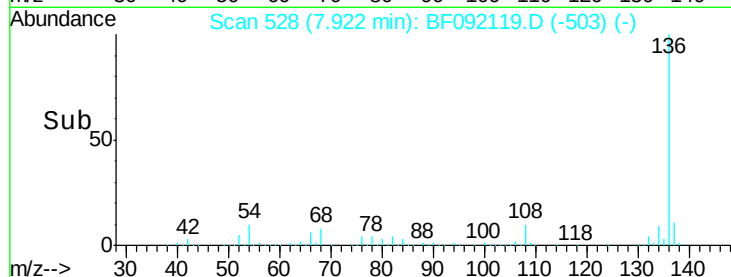
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092119.D
Acq: 6 Jan 2017 16:15

Instrument :
BNA_F
ClientSampleId :
PB95795TB

Tgt Ion: 136 Resp: 739473
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 9.7 4.5 6.7#
68 7.7 3.6 5.4#

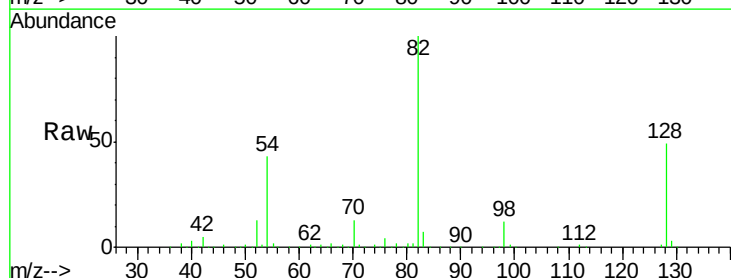


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

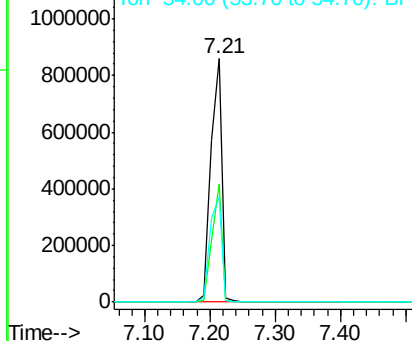
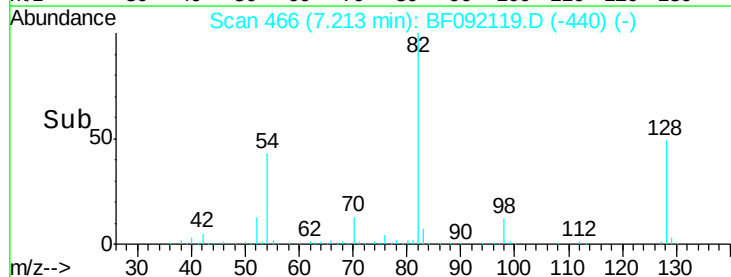


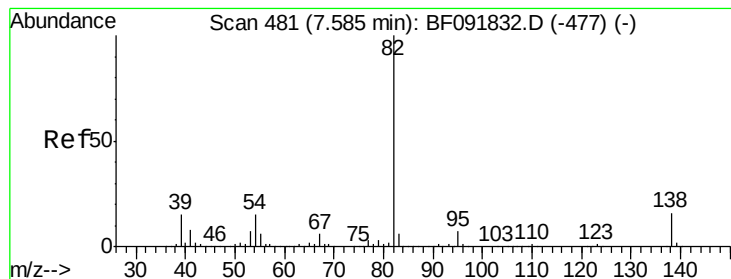
#23
Nitrobenzene-d5
Concen: 76.59 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092119.D
Acq: 6 Jan 2017 16:15

Tgt Ion: 82 Resp: 1018593
Ion Ratio Lower Upper
82 100
128 48.6 34.6 52.0
54 43.3 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: 40.81 ng

RT: 7.21 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF092119.D

Acq: 6 Jan 2017 16:15

Instrument :

BNA_F

ClientSampleId :

PB95795TB

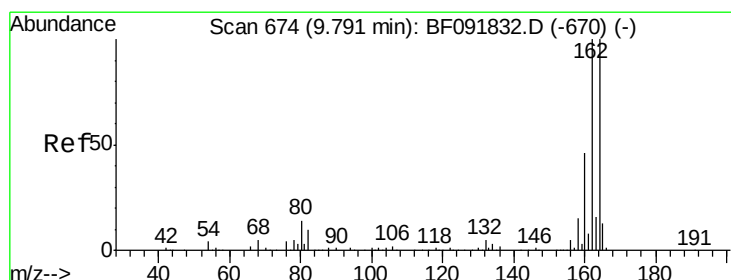
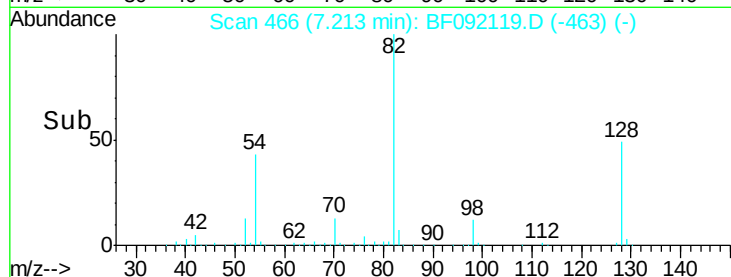
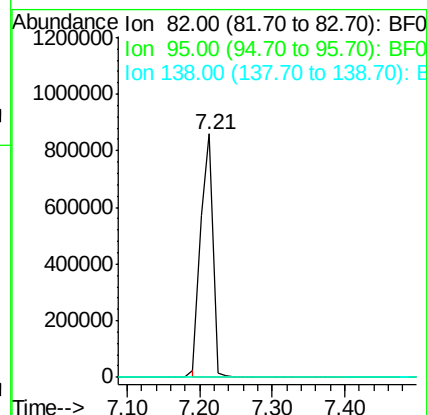
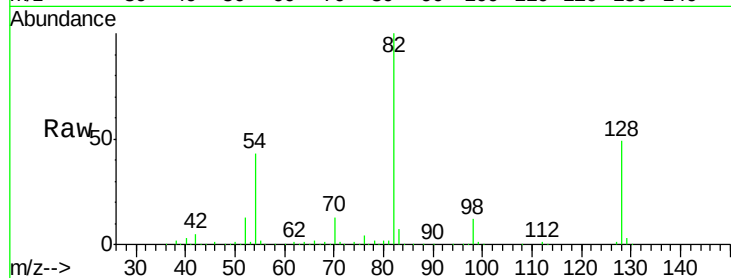
Tgt Ion: 82 Resp: 1001155

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: BF092119.D

Acq: 6 Jan 2017 16:15

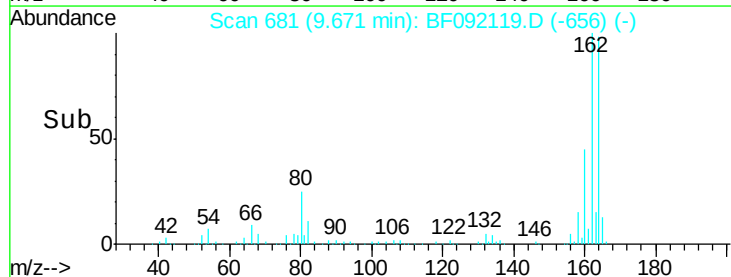
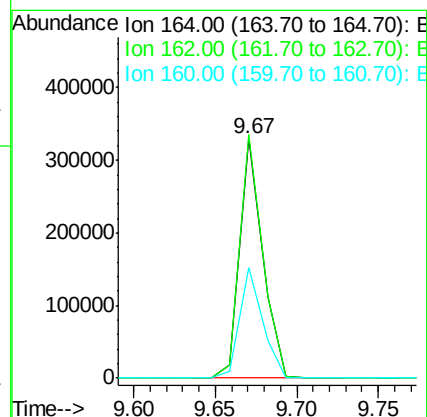
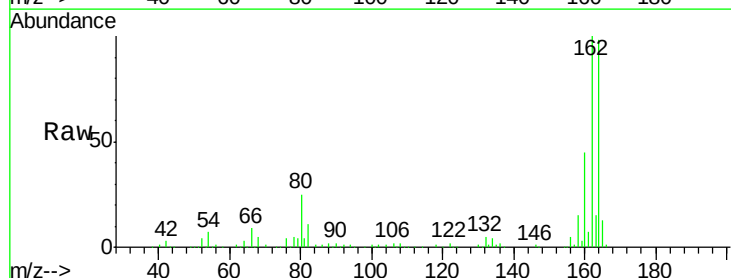
Tgt Ion: 164 Resp: 317212

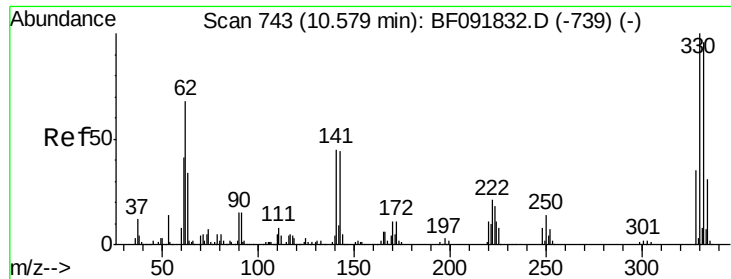
Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

160 46.0 36.9 55.3

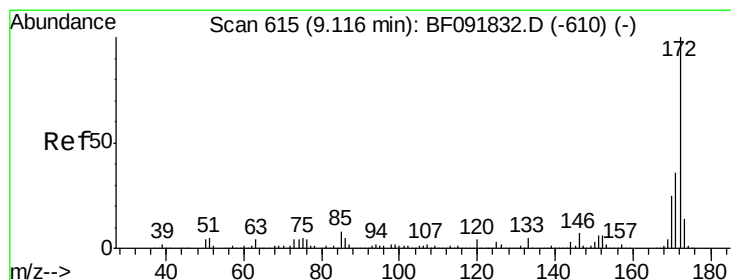
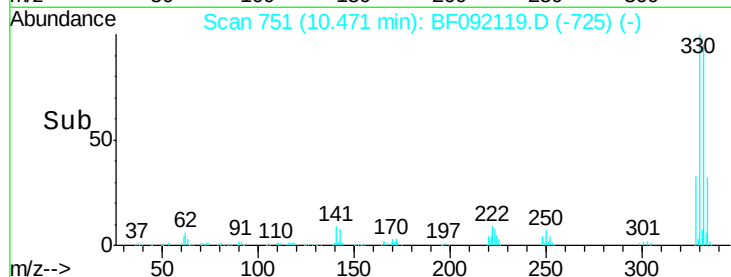
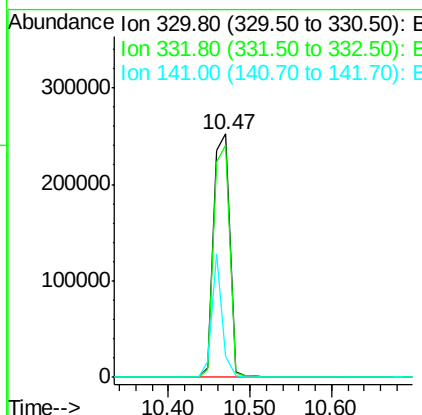
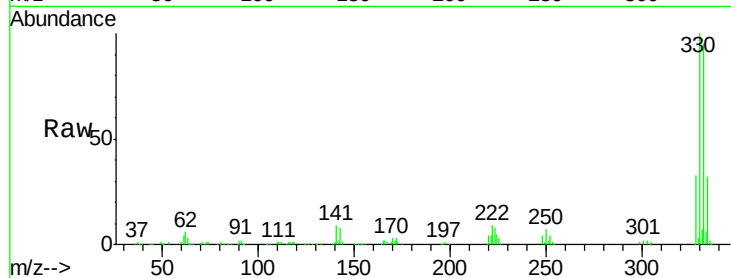




#41
 2,4,6-Tribromophenol
 Concen: 133.10 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092119.D
 Acq: 6 Jan 2017 16:15

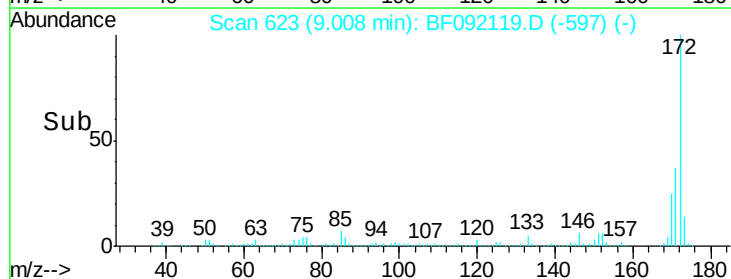
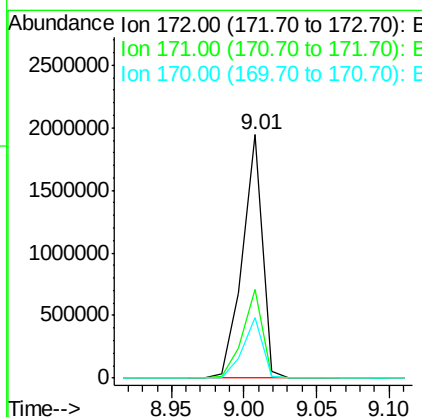
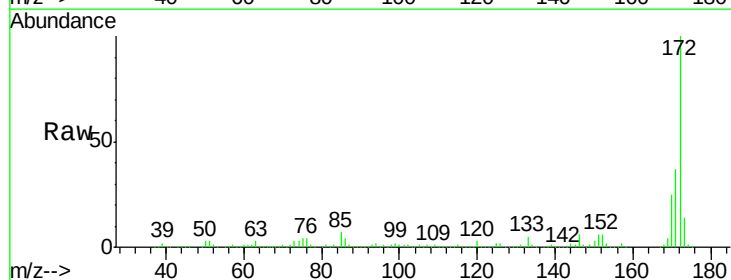
Instrument :
 BNA_F
 ClientSampleId :
 PB95795TB

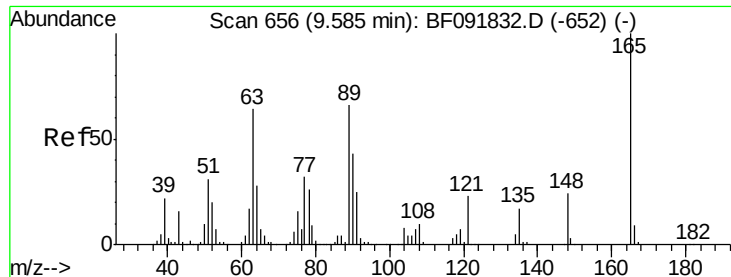
Tgt Ion:330 Resp: 349412
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.4 116.2
 141 33.0 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 126.67 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092119.D
 Acq: 6 Jan 2017 16:15

Tgt Ion:172 Resp: 1863116
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.8 20.2 30.4

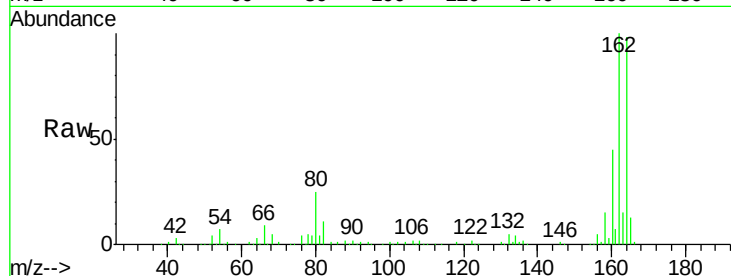




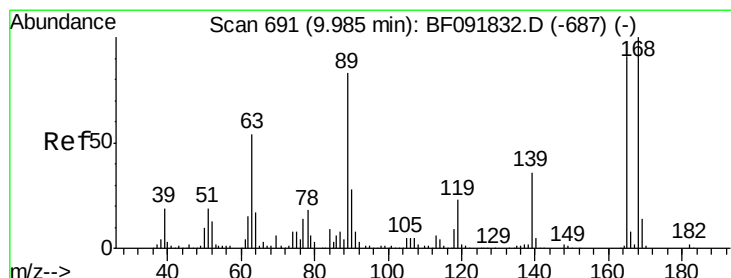
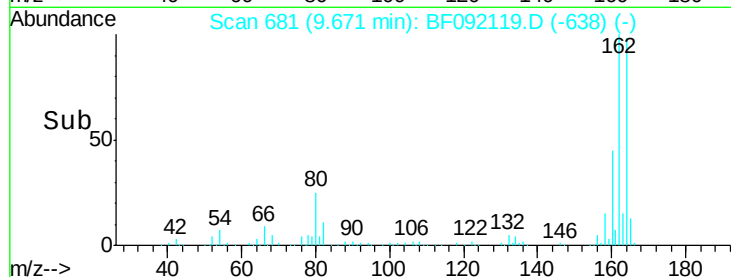
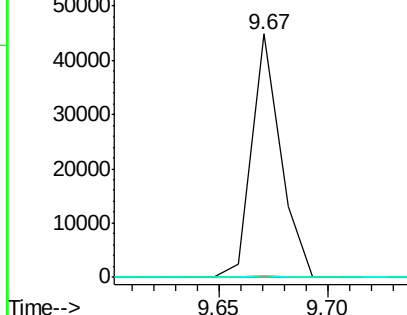
#50
 2,6-Dinitrotoluene
 Concen: 9.32 ng
 RT: 9.67 min Scan# 681
 Delta R.T. 0.19 min
 Lab File: BF092119.D
 Acq: 6 Jan 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB95795TB

Tgt Ion:165 Resp: 41387
 Ion Ratio Lower Upper
 165 100
 63 0.9 36.2 54.4#
 89 0.9 40.2 60.4#

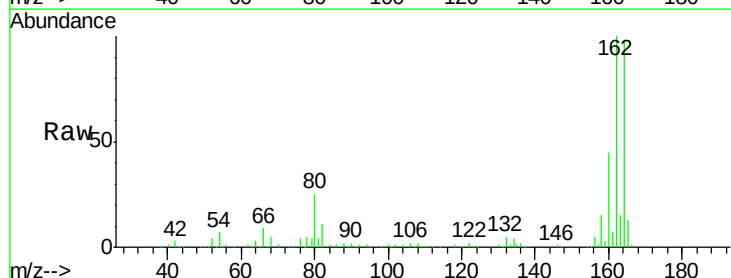


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

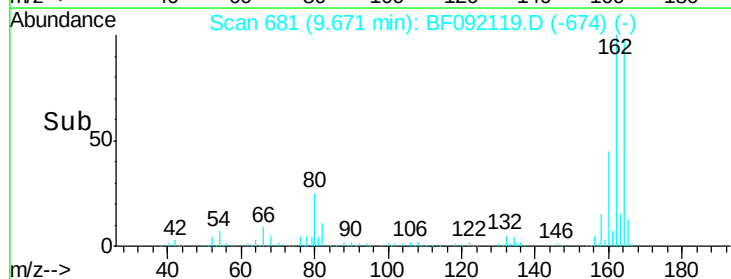
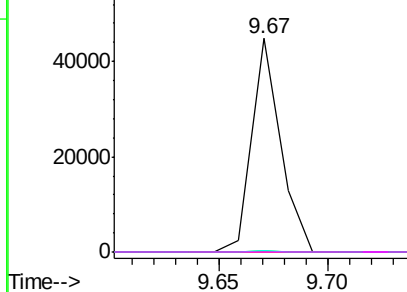


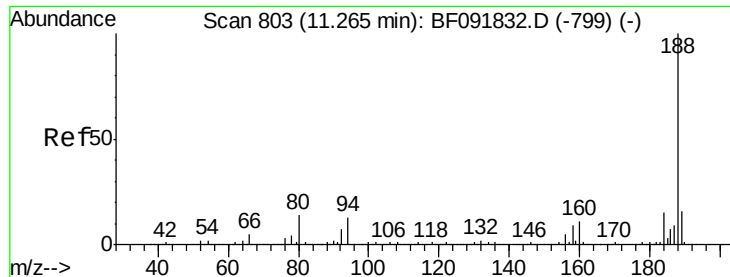
#56
 2,4-Dinitrotoluene
 Concen: 7.43 ng
 RT: 9.67 min Scan# 681
 Delta R.T. -0.22 min
 Lab File: BF092119.D
 Acq: 6 Jan 2017 16:15

Tgt Ion:165 Resp: 41387
 Ion Ratio Lower Upper
 165 100
 63 0.9 40.2 60.4#
 89 0.9 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

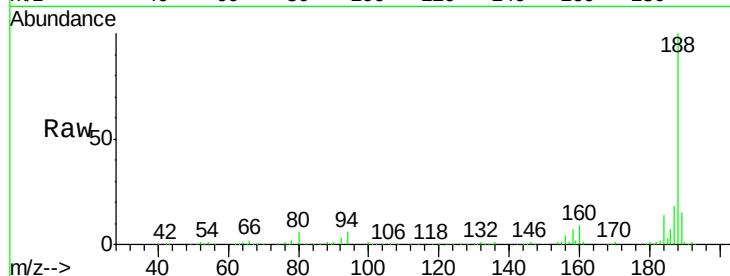




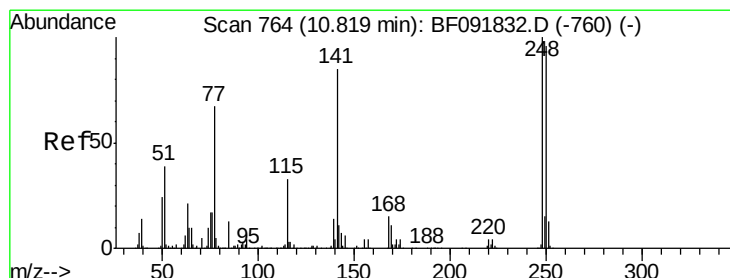
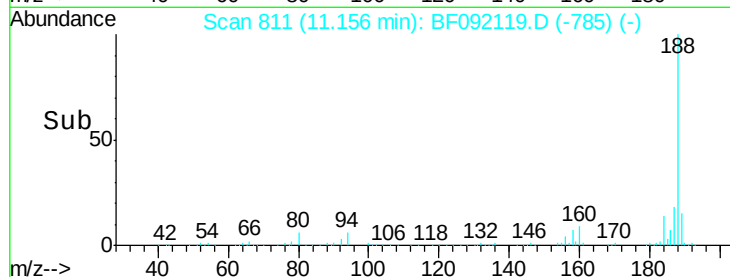
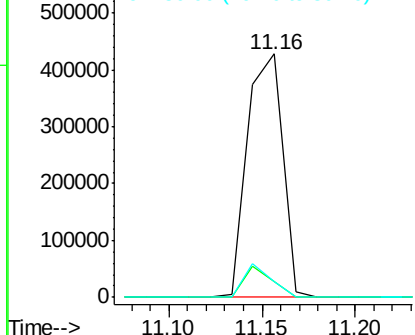
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF092119.D
 Acq: 6 Jan 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB95795TB

Tgt Ion:188 Resp: 560974
 Ion Ratio Lower Upper
 188 100
 94 6.4 10.0 15.0#
 80 6.5 11.2 16.8#

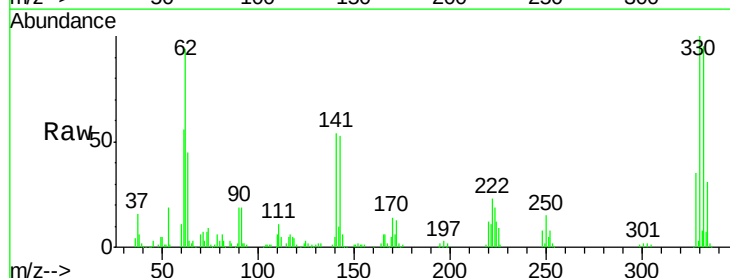


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

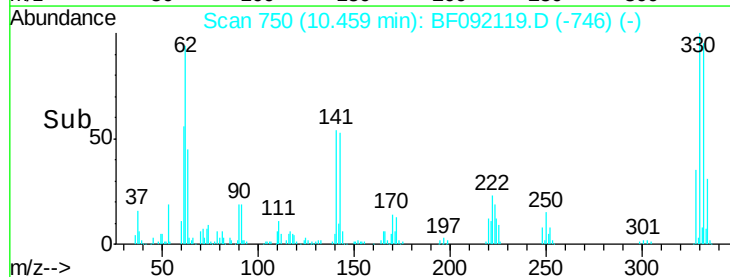
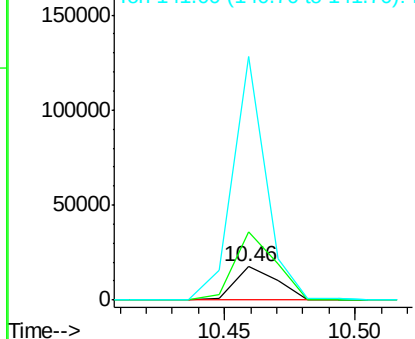


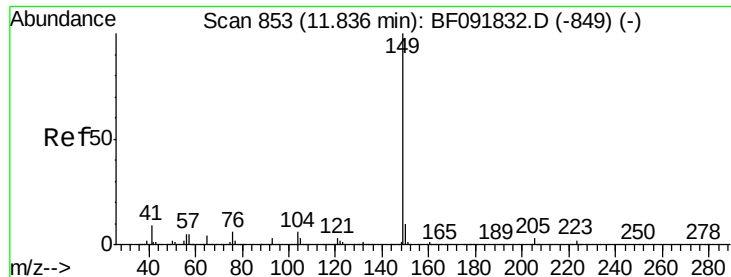
#66
 4-Bromophenyl-phenylether
 Concen: 3.42 ng
 RT: 10.46 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF092119.D
 Acq: 6 Jan 2017 16:15

Tgt Ion:248 Resp: 19931
 Ion Ratio Lower Upper
 248 100
 250 203.8 76.9 115.3#
 141 724.5 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: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092119.D

Acq: 6 Jan 2017 16:15

Instrument :

BNA_F

ClientSampleId :

PB95795TB

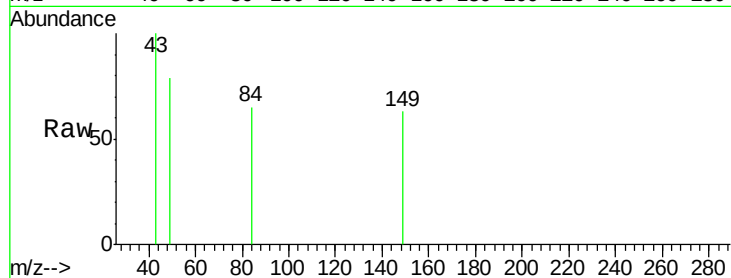
Tgt Ion:149 Resp: 322

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

104 0.0 4.6 7.0#



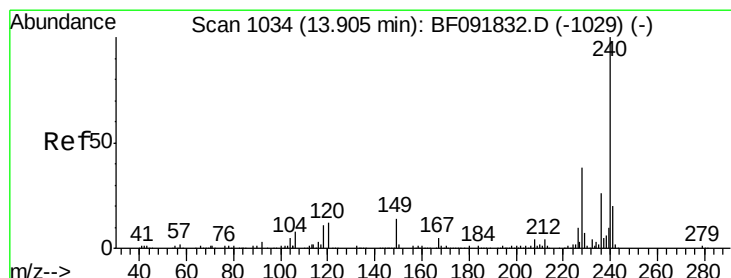
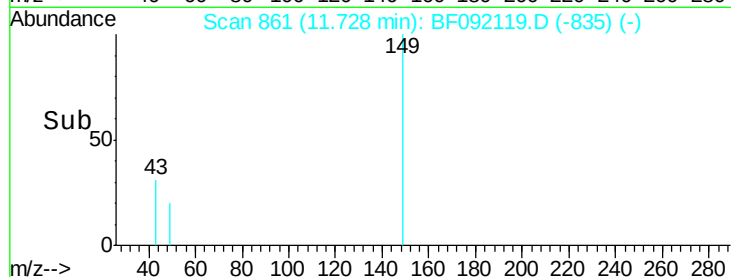
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.73

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF092119.D

Acq: 6 Jan 2017 16:15

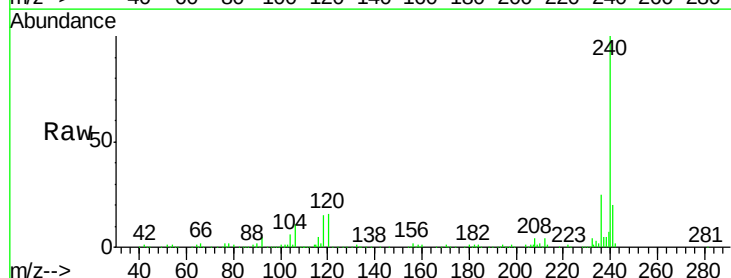
Tgt Ion:240 Resp: 432725

Ion Ratio Lower Upper

240 100

120 16.4 12.9 19.3

236 25.0 20.9 31.3



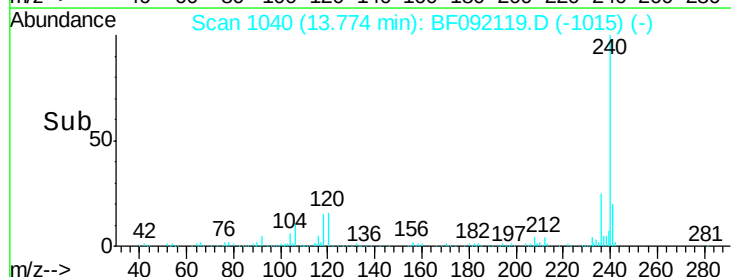
Abundance Ion 240.00 (239.70 to 240.70): E

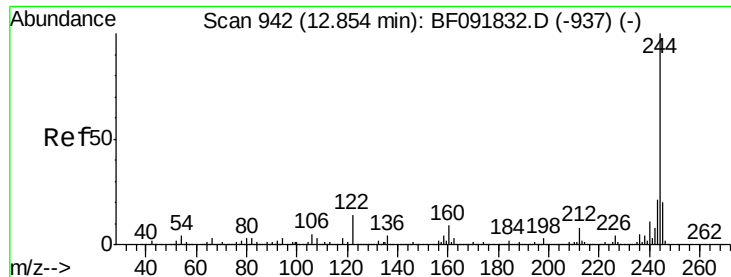
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.77

Time-->

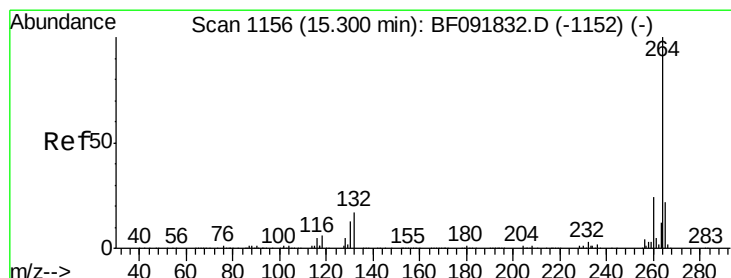
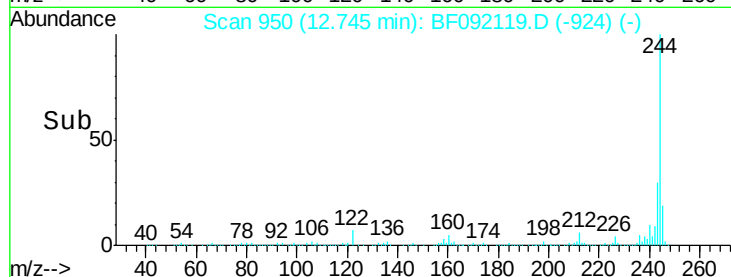
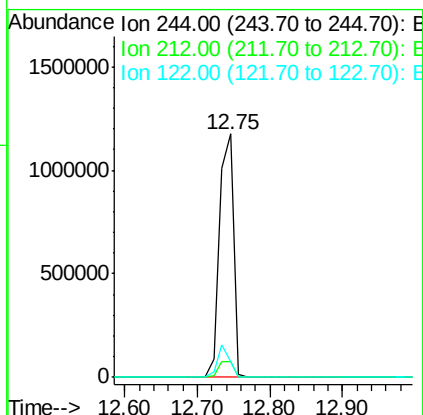
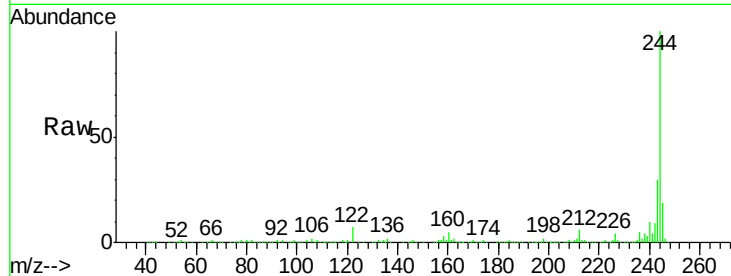




#78
 Terphenyl-d14
 Concen: 88.34 ng
 RT: 12.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF092119.D
 Acq: 6 Jan 2017 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB95795TB

Tgt Ion:244 Resp: 1576249
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.2 9.2
 122 6.6 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF092119.D
 Acq: 6 Jan 2017 16:15

Tgt Ion:264 Resp: 336506
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.3 17.4 26.0

