

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092251.D
 Acq On : 13 Jan 2017 19:35
 Operator : UM/SJ
 Sample : PB95965BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BL

Quant Time: Jan 16 01:24:36 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

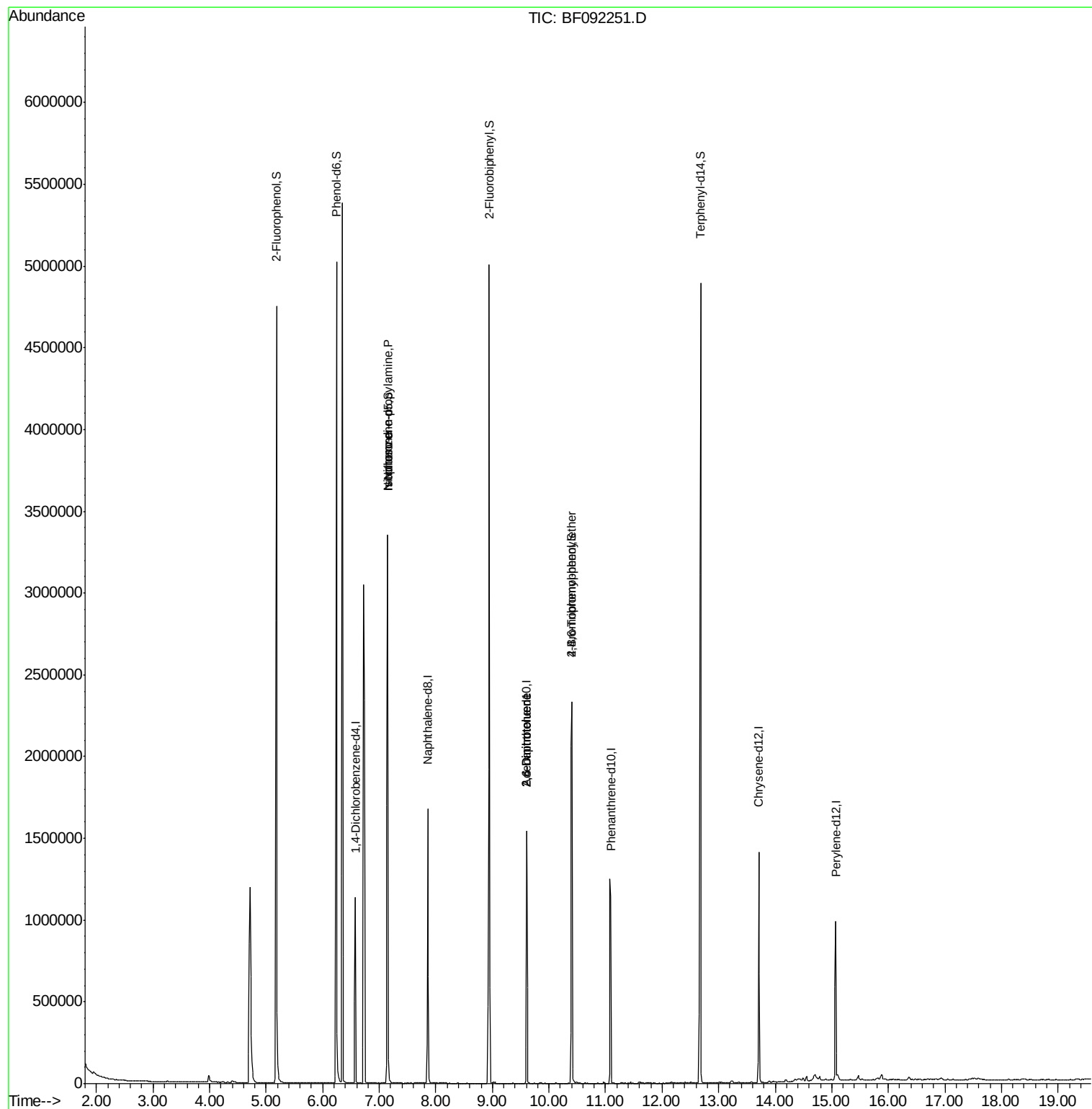
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	197083	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	907759	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	387499	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	696731	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	549998	20.00	ng	-0.02
86) Perylene-d12	15.07	264	454945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1629847	138.08	ng	0.01
7) Phenol-d6	6.24	99	1838277	127.56	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1306498	80.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	437672	136.48	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1829806	98.85	ng	-0.01
78) Terphenyl-d14	12.68	244	1921016	84.71	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	175950	18.35	ng	# 77
25) Isophorone	7.15	82	1280193	42.51	ng	# 65
50) 2,6-Dinitrotoluene	9.60	165	50801	9.36	ng	# 31
56) 2,4-Dinitrotoluene	9.60	165	50801	7.46	ng	# 20
66) 4-Bromophenyl-phenylether	10.40	248	27803	3.84	ng	# 1
73) Di-n-butylphthalate	11.66	149	1640	Below Cal		# 76

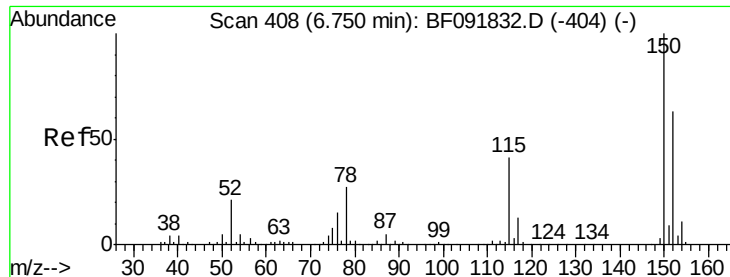
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092251.D
Acq On : 13 Jan 2017 19:35
Operator : UM/SJ
Sample : PB95965BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95965BL

Quant Time: Jan 16 01:24:36 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 01:02:36 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092251.D

Acq: 13 Jan 2017 19:35

Instrument :

BNA_F

ClientSampleId :

PB95965BL

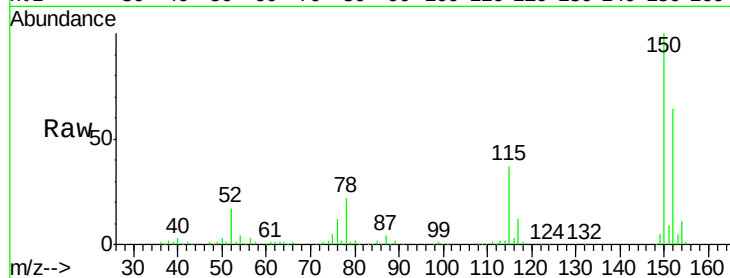
Tgt Ion:152 Resp: 197083

Ion Ratio Lower Upper

152 100

150 155.1 124.9 187.3

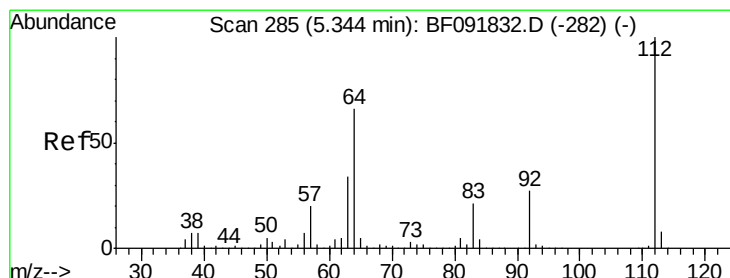
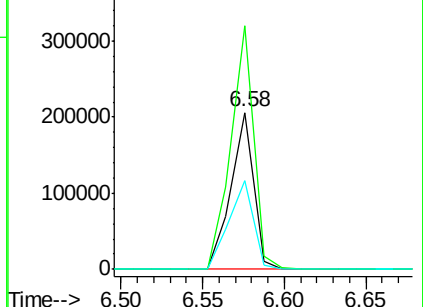
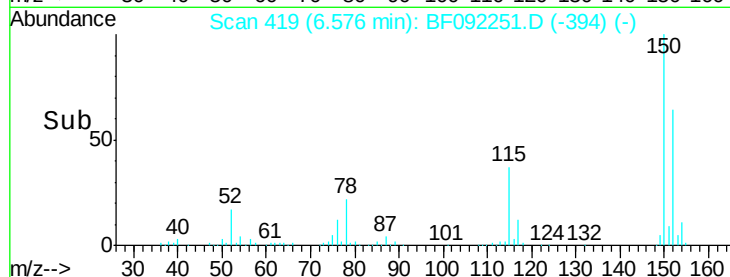
115 56.7 46.0 69.0



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: 138.08 ng

RT: 5.18 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF092251.D

Acq: 13 Jan 2017 19:35

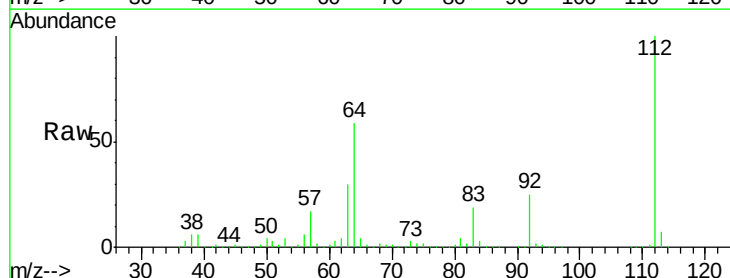
Tgt Ion:112 Resp: 1629847

Ion Ratio Lower Upper

112 100

64 58.7 46.1 69.1

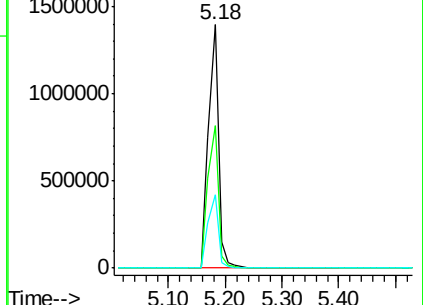
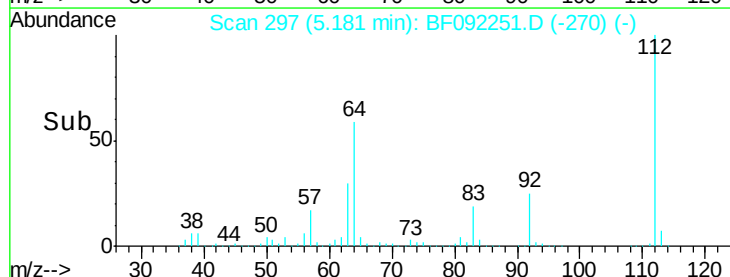
63 30.3 23.8 35.6

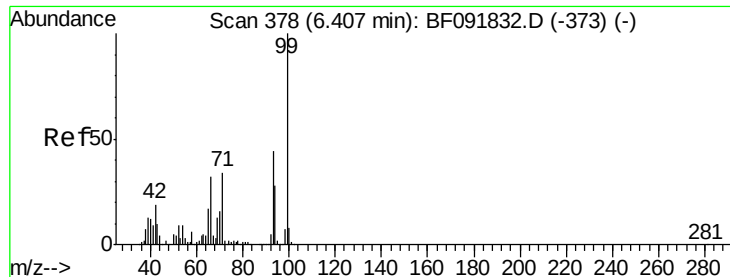


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.56 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092251.D

Acq: 13 Jan 2017 19:35

Instrument :

BNA_F

ClientSampleId :

PB95965BL

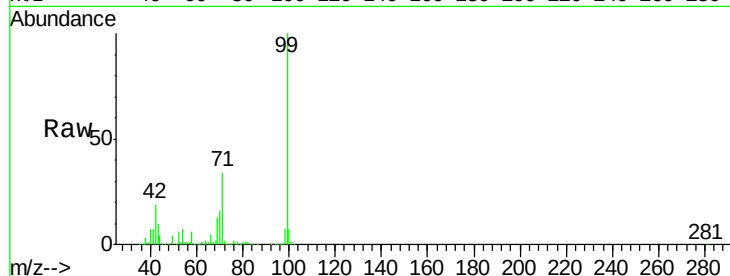
Tgt Ion: 99 Resp: 1838277

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

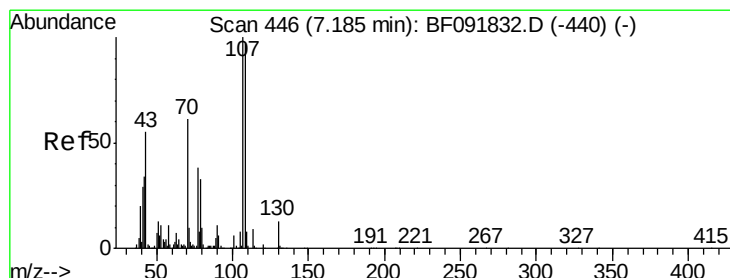
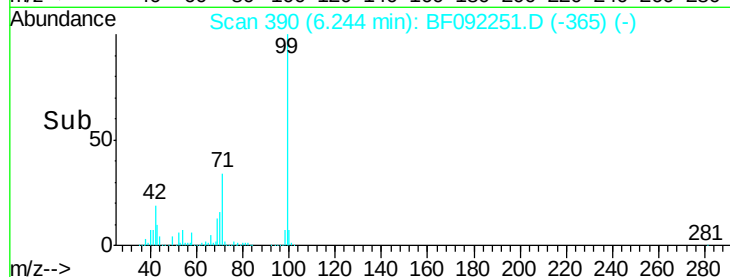
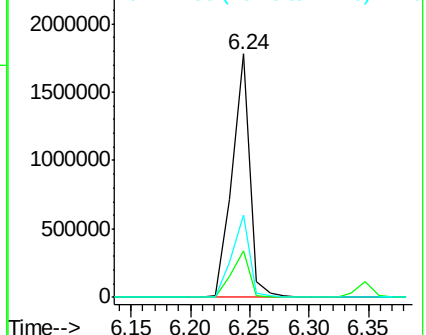
71 34.0 27.5 41.3



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: 18.35 ng

RT: 7.15 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF092251.D

Acq: 13 Jan 2017 19:35

Tgt Ion: 70 Resp: 175950

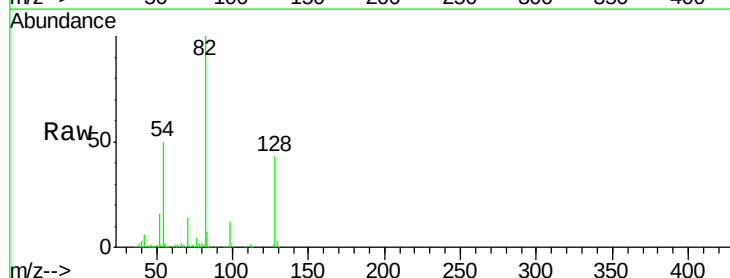
Ion Ratio Lower Upper

70 100

42 46.6 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

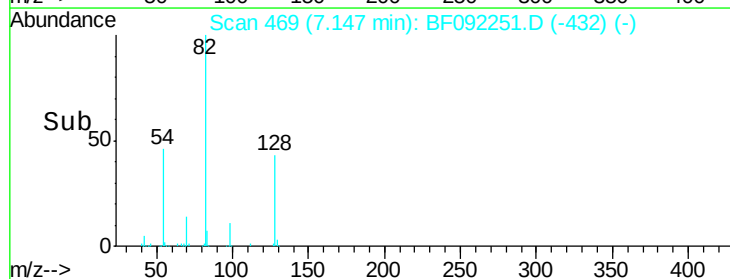
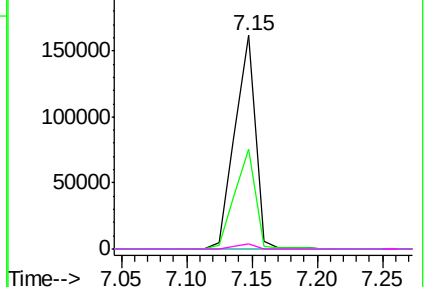


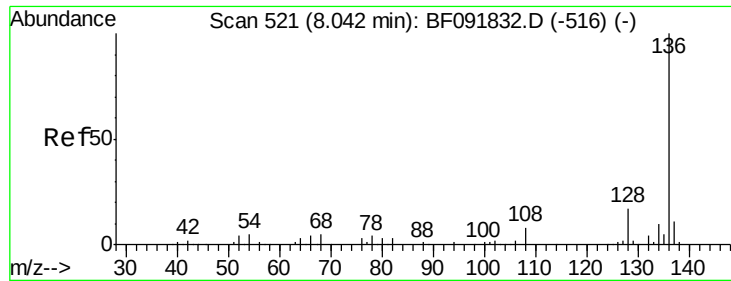
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

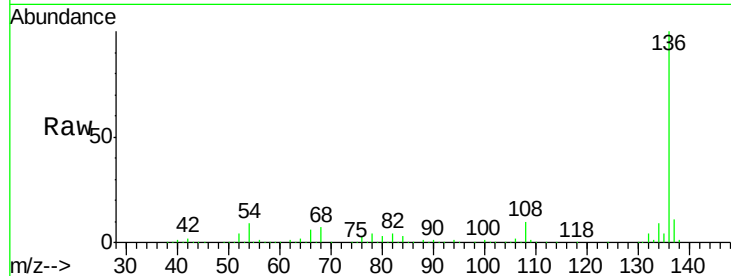




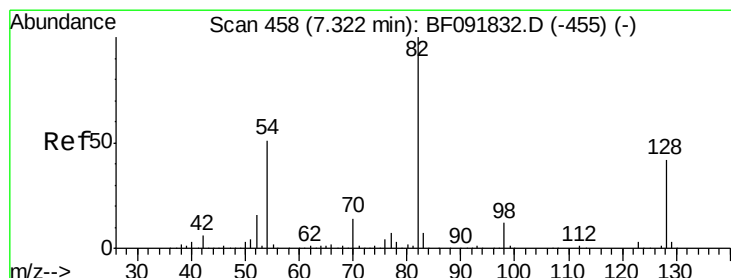
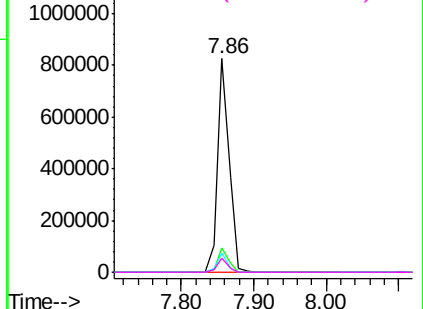
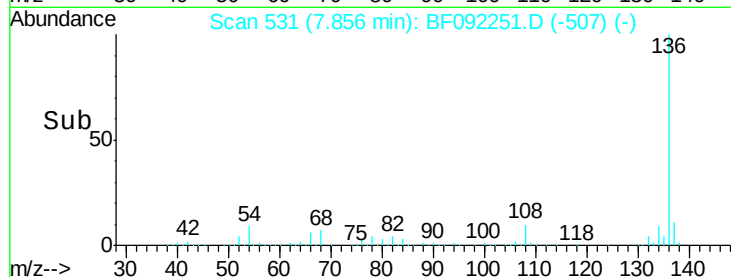
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092251.D
Acq: 13 Jan 2017 19:35

Instrument :
BNA_F
ClientSampleId :
PB95965BL

Tgt Ion:136 Resp: 907759
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 8.8 4.5 6.7#
68 6.8 3.6 5.4#

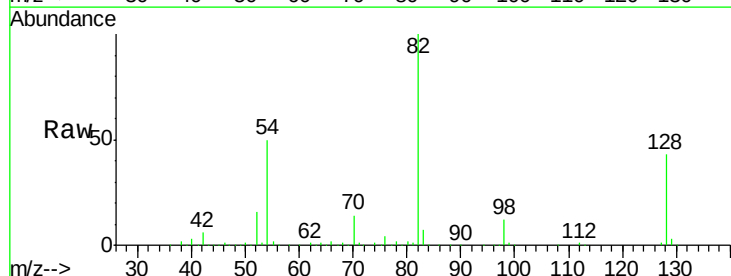


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

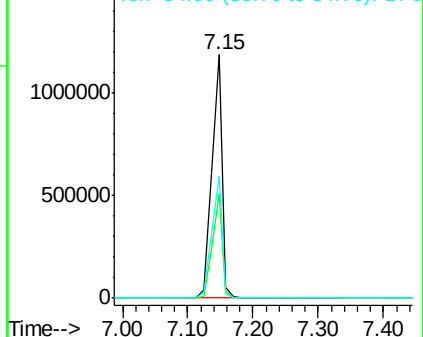
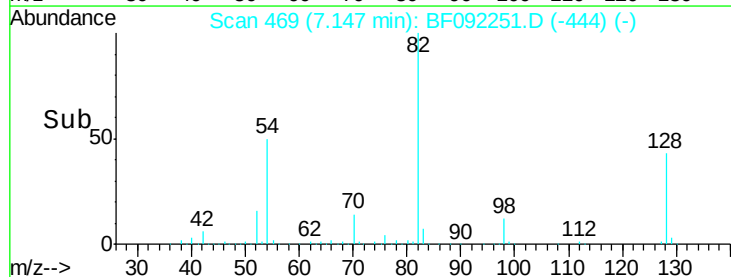


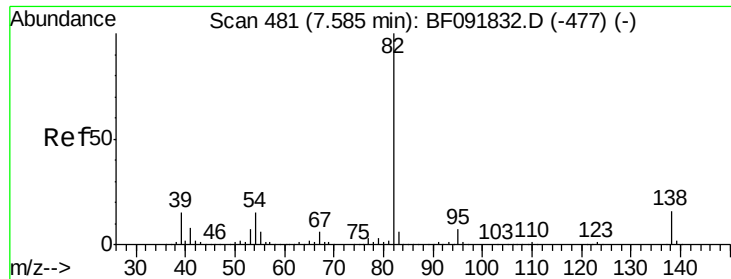
#23
Nitrobenzene-d5
Concen: 80.03 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092251.D
Acq: 13 Jan 2017 19:35

Tgt Ion: 82 Resp: 1306498
Ion Ratio Lower Upper
82 100
128 42.7 34.6 52.0
54 50.1 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: 42.51 ng

RT: 7.15 min Scan# 469

Delta R.T. -0.27 min

Lab File: BF092251.D

Acq: 13 Jan 2017 19:35

Instrument :

BNA_F

ClientSampleId :

PB95965BL

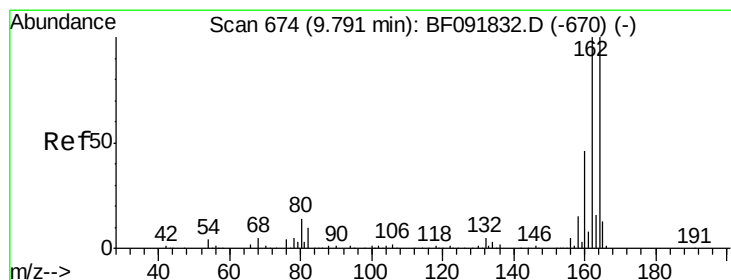
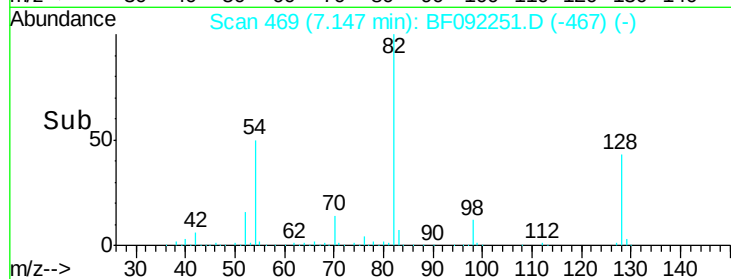
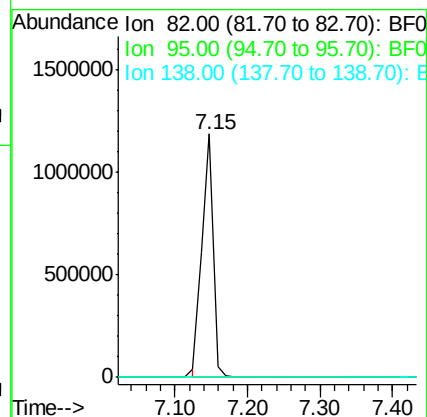
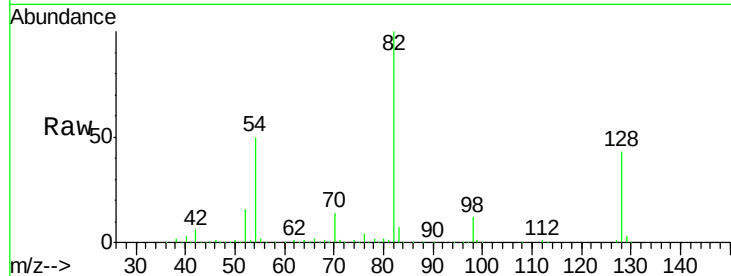
Tgt Ion: 82 Resp: 1280193

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: 9.60 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092251.D

Acq: 13 Jan 2017 19:35

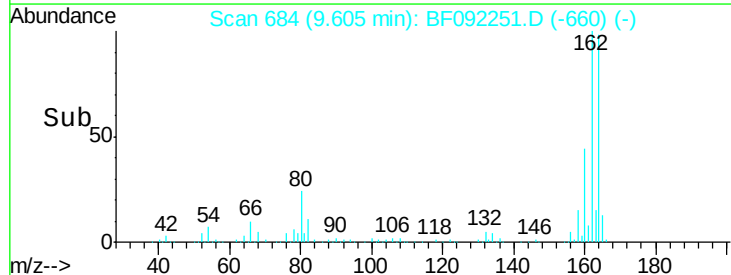
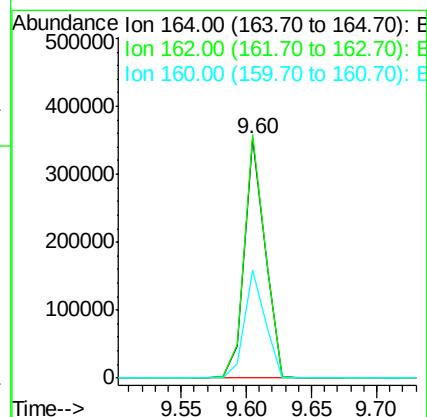
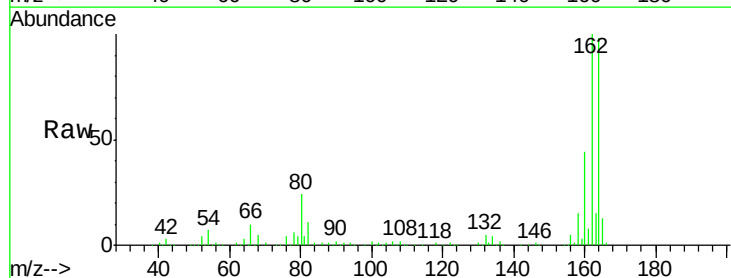
Tgt Ion: 164 Resp: 387499

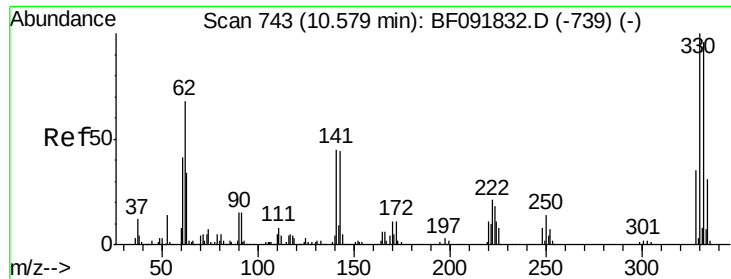
Ion Ratio Lower Upper

164 100

162 101.8 80.2 120.2

160 45.3 36.9 55.3

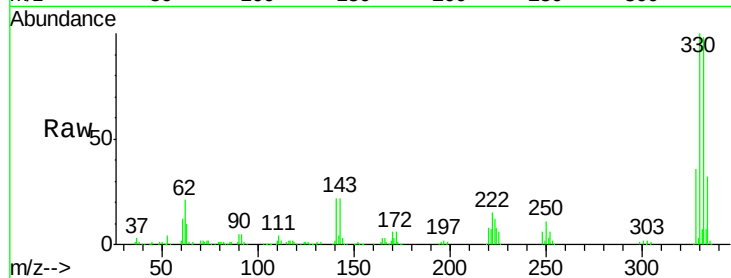




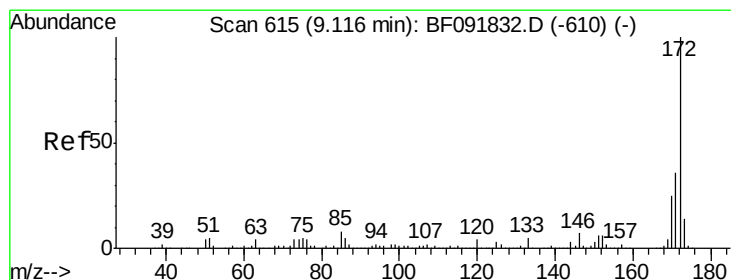
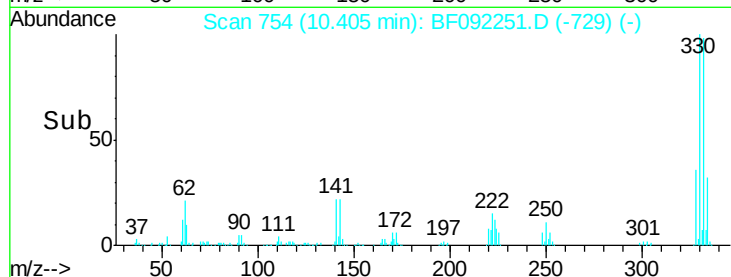
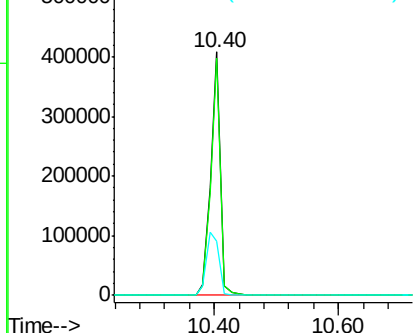
#41
 2,4,6-Tribromophenol
 Concen: 136.48 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092251.D
 Acq: 13 Jan 2017 19:35

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BL

Tgt Ion:330 Resp: 437672
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 34.3 34.1 51.1

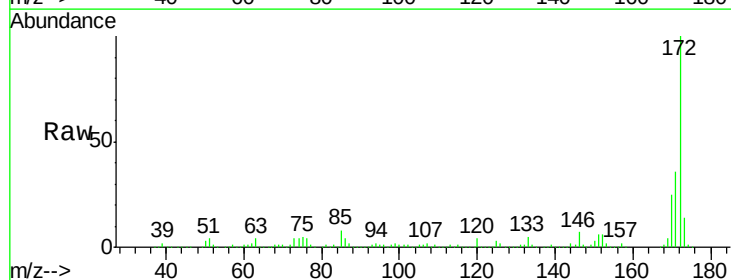


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

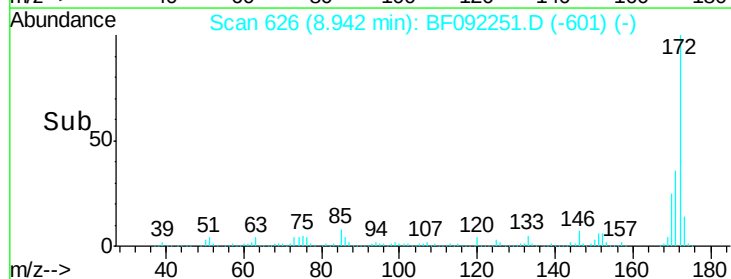
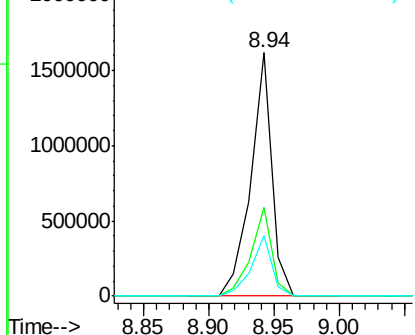


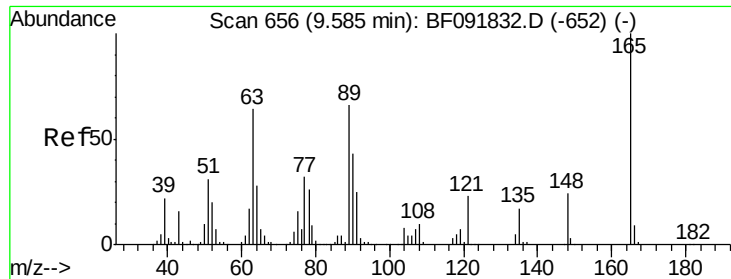
#44
 2-Fluorobiphenyl
 Concen: 98.85 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092251.D
 Acq: 13 Jan 2017 19:35

Tgt Ion:172 Resp: 1829806
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.6 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

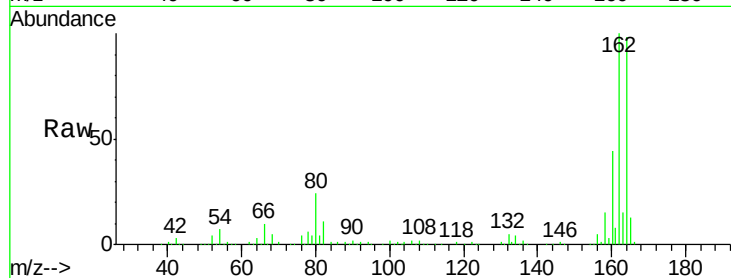




#50
 2,6-Dinitrotoluene
 Concen: 9.36 ng
 RT: 9.60 min Scan# 684
 Delta R.T. 0.17 min
 Lab File: BF092251.D
 Acq: 13 Jan 2017 19:35

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BL

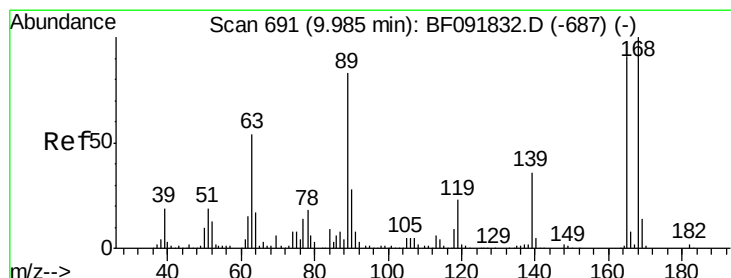
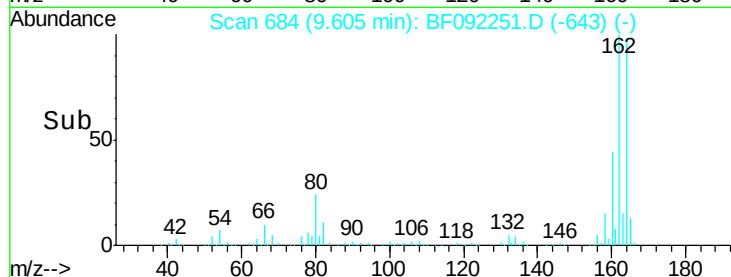
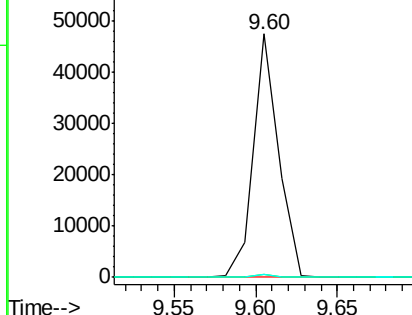
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.2	54.4#
89	1.4	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

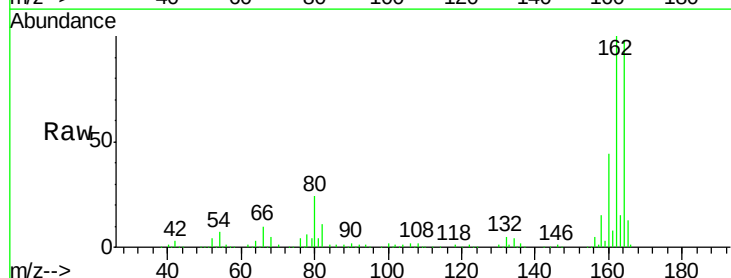
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 7.46 ng
 RT: 9.60 min Scan# 684
 Delta R.T. -0.23 min
 Lab File: BF092251.D
 Acq: 13 Jan 2017 19:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#

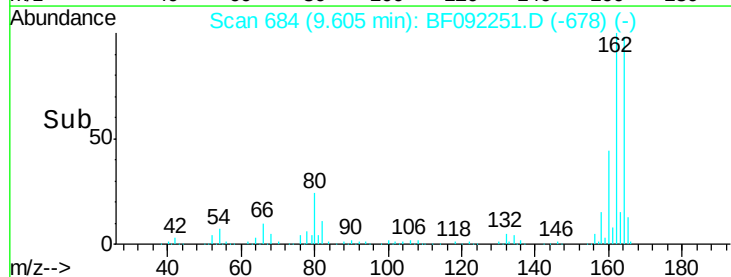
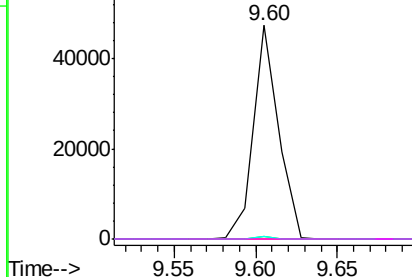


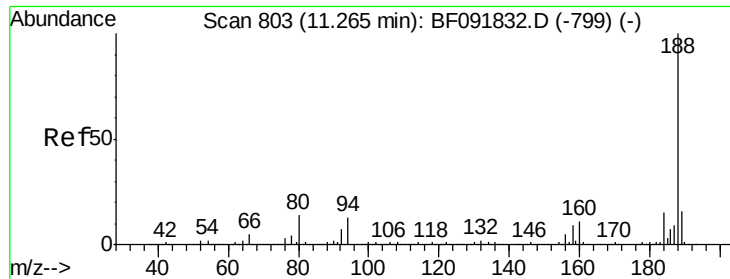
Abundance Ion 165.00 (164.70 to 165.70): E

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

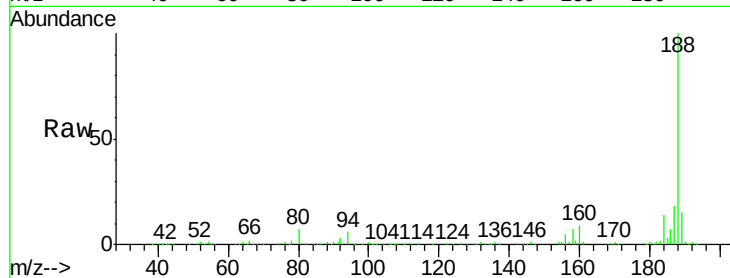




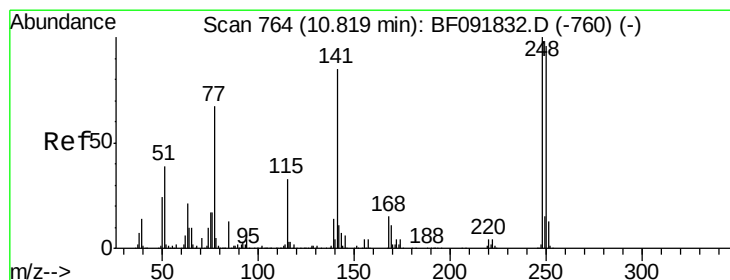
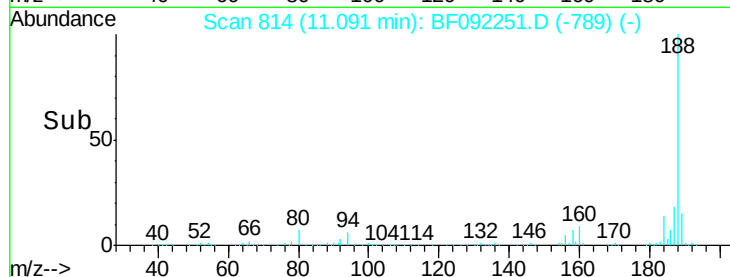
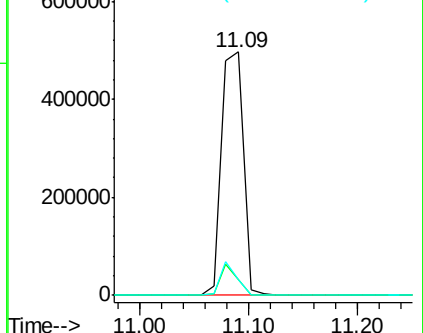
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092251.D
Acq: 13 Jan 2017 19:35

Instrument :
BNA_F
ClientSampleId :
PB95965BL

Tgt Ion:188 Resp: 696731
Ion Ratio Lower Upper
188 100
94 6.4 10.0 15.0#
80 6.6 11.2 16.8#

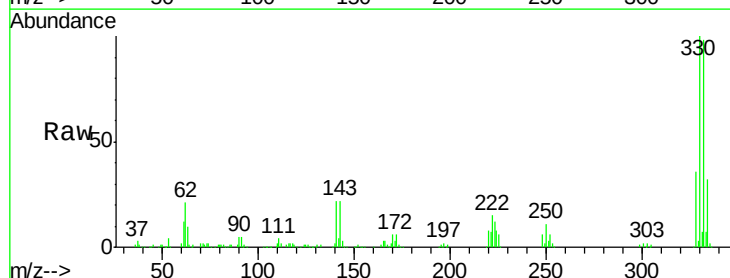


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

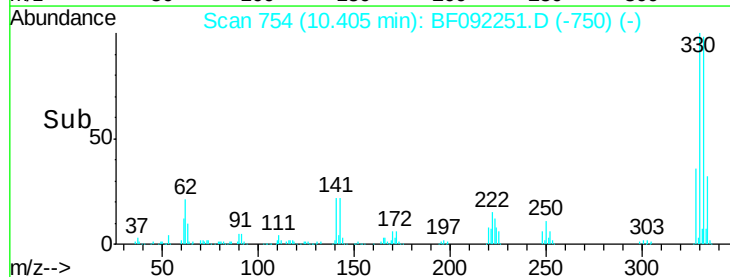
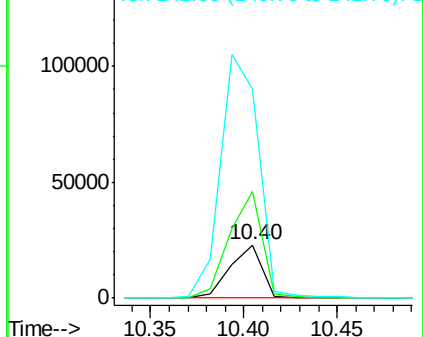


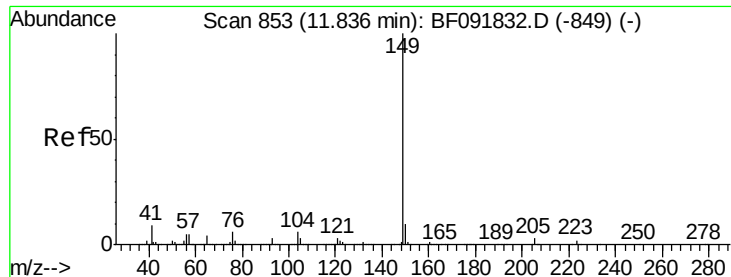
#66
4-Bromophenyl-phenylether
Concen: 3.84 ng
RT: 10.40 min Scan# 754
Delta R.T. -0.25 min
Lab File: BF092251.D
Acq: 13 Jan 2017 19:35

Tgt Ion:248 Resp: 27803
Ion Ratio Lower Upper
248 100
250 199.9 76.9 115.3#
141 391.4 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: 11.66 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF092251.D

Acq: 13 Jan 2017 19:35

Instrument :

BNA_F

ClientSampleId :

PB95965BL

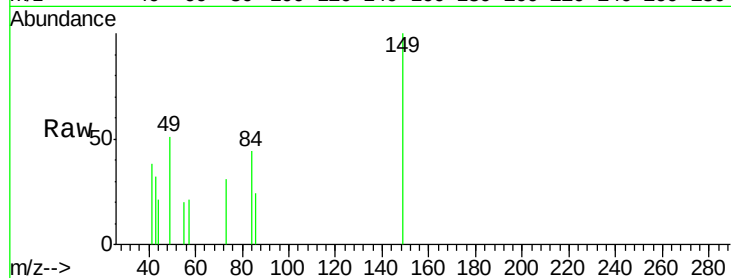
Tgt Ion:149 Resp: 1640

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

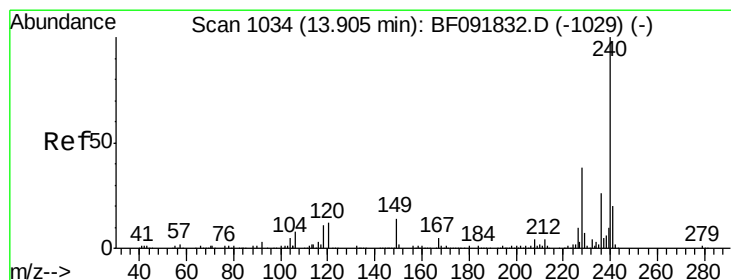
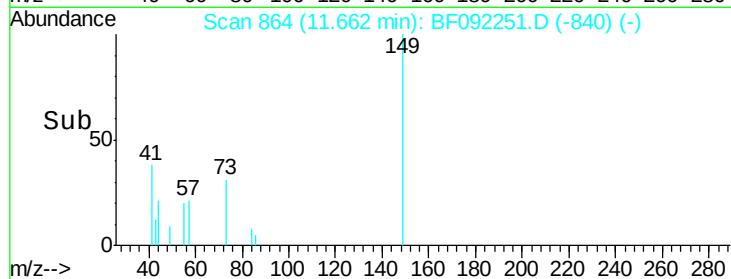
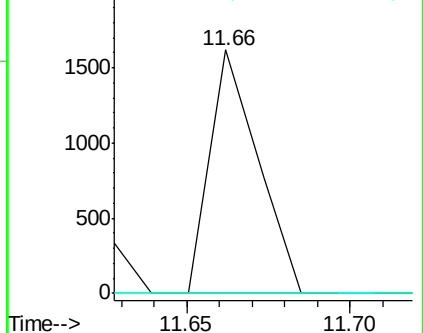
104 0.0 4.6 7.0#



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: 13.71 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF092251.D

Acq: 13 Jan 2017 19:35

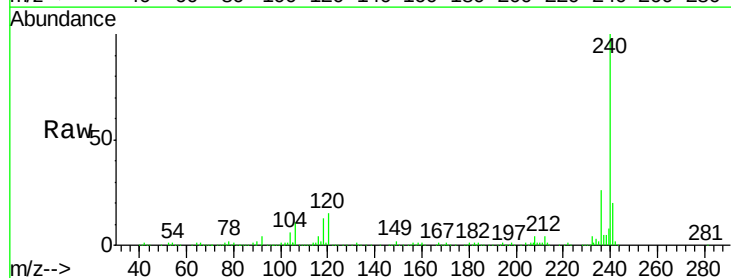
Tgt Ion:240 Resp: 549998

Ion Ratio Lower Upper

240 100

120 14.7 12.9 19.3

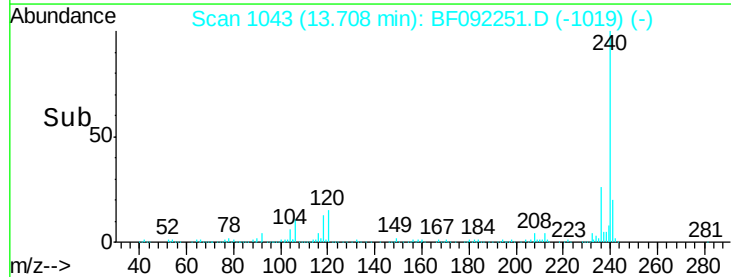
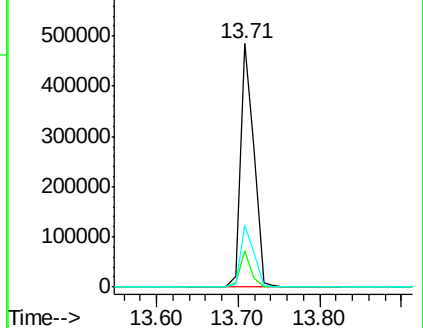
236 25.5 20.9 31.3

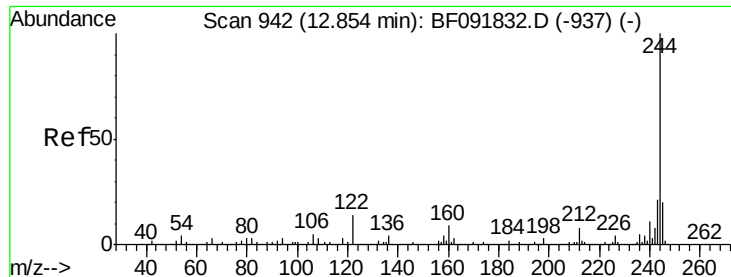


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

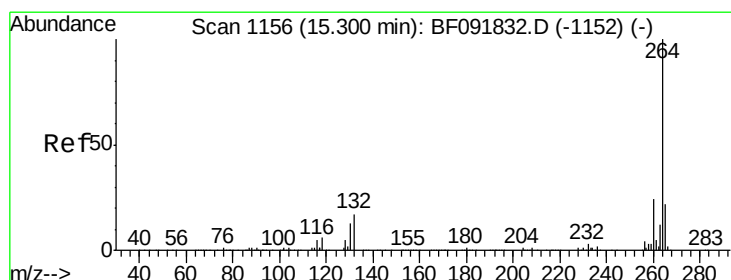
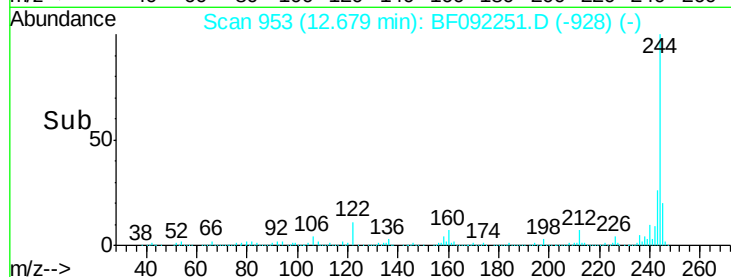
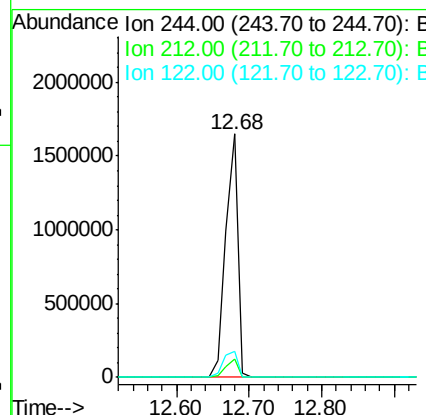
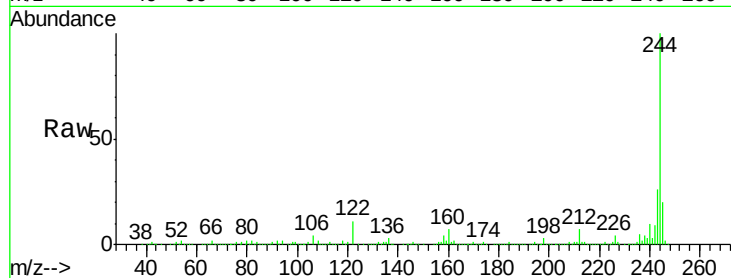




#78
 Terphenyl-d14
 Concen: 84.71 ng
 RT: 12.68 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092251.D
 Acq: 13 Jan 2017 19:35

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BL

Tgt Ion:244 Resp: 1921016
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 10.6 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1162
 Delta R.T. -0.02 min
 Lab File: BF092251.D
 Acq: 13 Jan 2017 19:35

Tgt Ion:264 Resp: 454945
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.1 17.4 26.0

