

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122716\
 Data File : BF091989.D
 Acq On : 28 Dec 2016 3:11
 Operator : UM/SJ
 Sample : PB95631BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95631BL

Quant Time: Dec 28 06:09:13 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

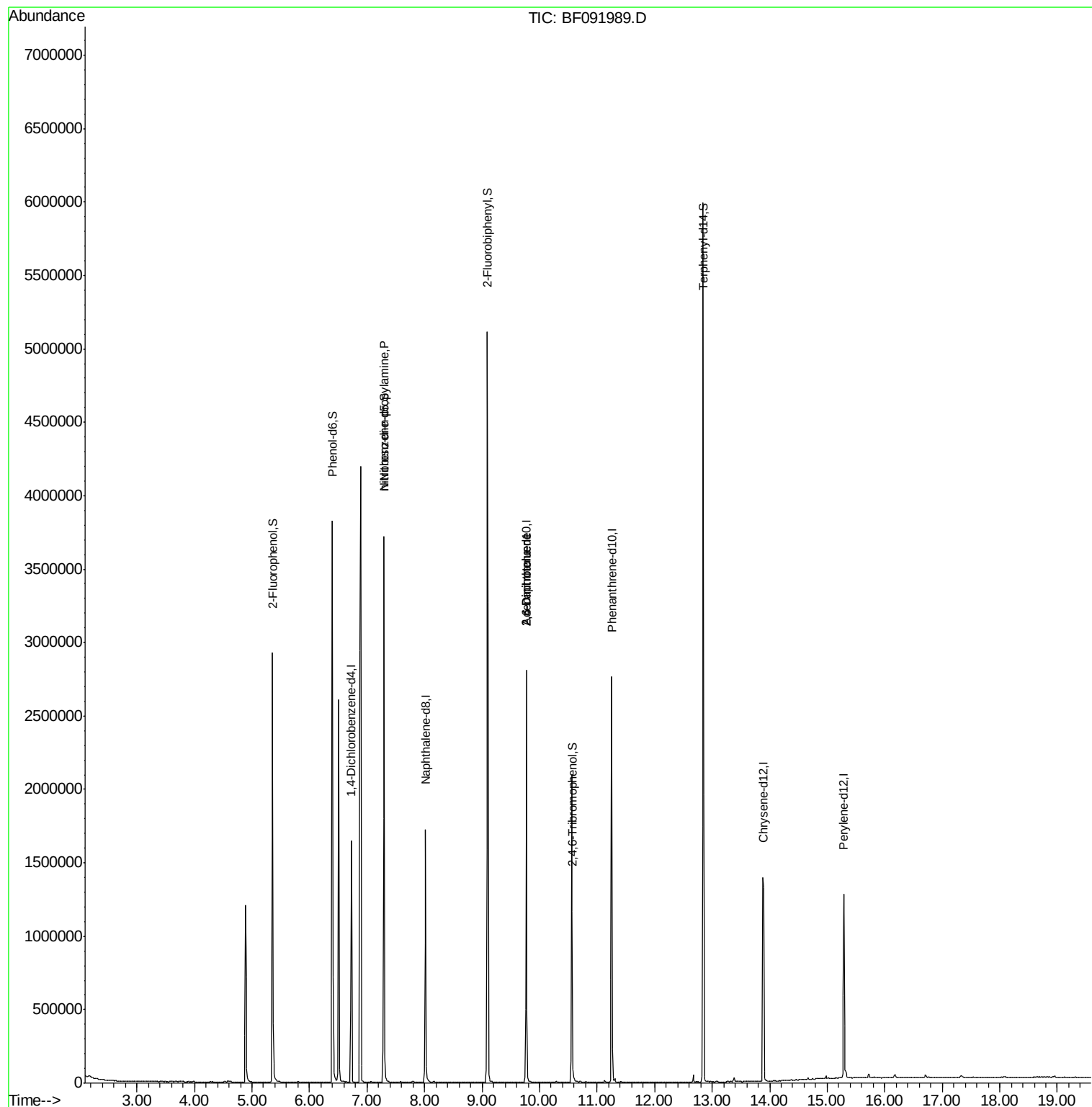
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	259504	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	1016476	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	629491	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	1016205	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	729392	20.00	ng	-0.01
86) Perylene-d12	15.29	264	574467	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1060044	68.21	ng	0.01
7) Phenol-d6	6.40	99	1378773	72.66	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1461264	79.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	320686	61.56	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	2423822	77.80	ng	-0.02
78) Terphenyl-d14	12.84	244	2250880	74.84	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.40	77	1721	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.30	70	195589	15.49 ng	#	77
50) 2,6-Dinitrotoluene	9.77	165	82920	9.41 ng	#	30
56) 2,4-Dinitrotoluene	9.77	165	82926	7.50 ng	#	19
71) Anthracene	11.25	178	245	Below Cal	#	1
73) Di-n-butylphthalate	11.82	149	309	Below Cal	#	76

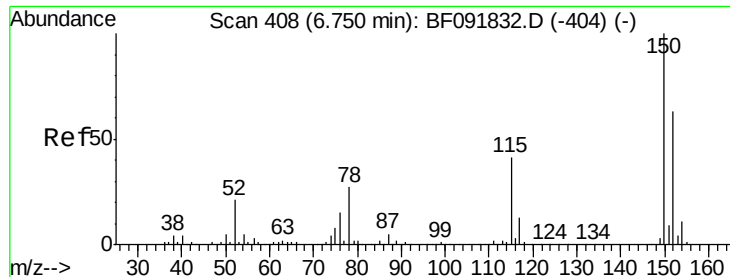
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122716\
Data File : BF091989.D
Acq On : 28 Dec 2016 3:11
Operator : UM/SJ
Sample : PB95631BL
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95631BL

Quant Time: Dec 28 06:09:13 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: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091989.D

Acq: 28 Dec 2016 3:11

Instrument :

BNA_F

ClientSampleId :

PB95631BL

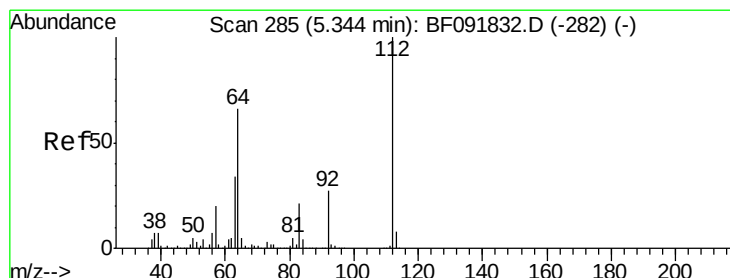
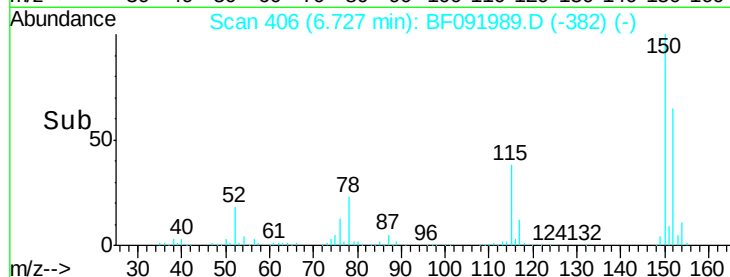
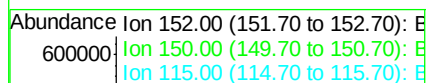
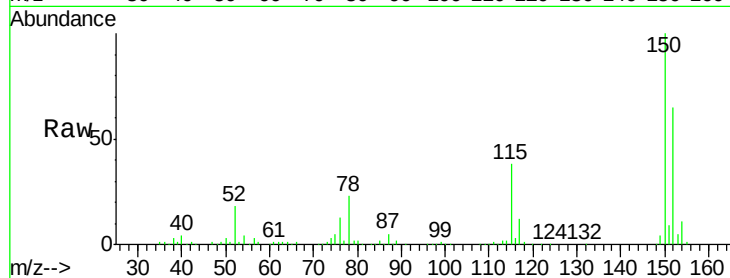
Tgt Ion:152 Resp: 259504

Ion Ratio Lower Upper

152 100

150 154.8 124.9 187.3

115 58.5 46.0 69.0



#5

2-Fluorophenol

Concen: 68.21 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF091989.D

Acq: 28 Dec 2016 3:11

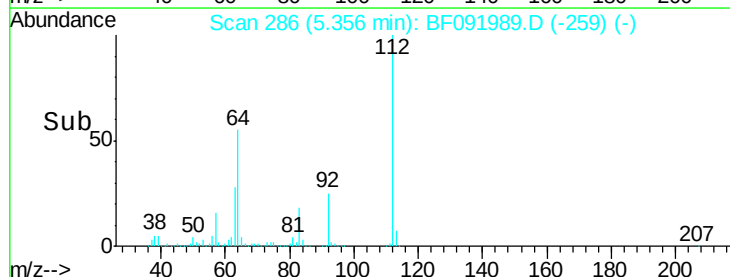
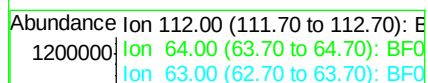
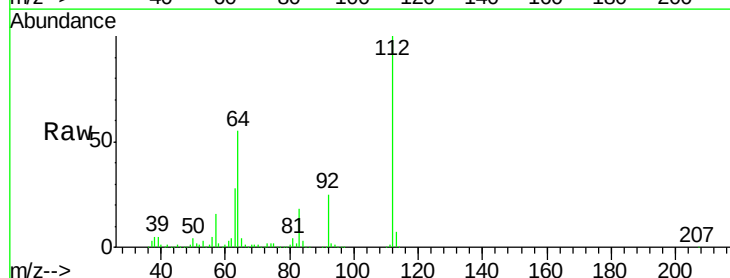
Tgt Ion:112 Resp: 1060044

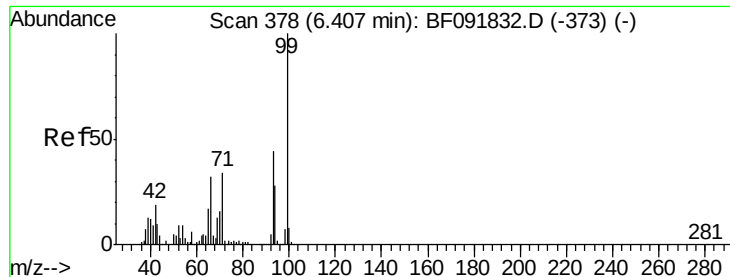
Ion Ratio Lower Upper

112 100

64 55.4 46.1 69.1

63 27.9 23.8 35.6





#7

Phenol-d6

Concen: 72.66 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091989.D

Acq: 28 Dec 2016 3:11

Instrument :

BNA_F

ClientSampleId :

PB95631BL

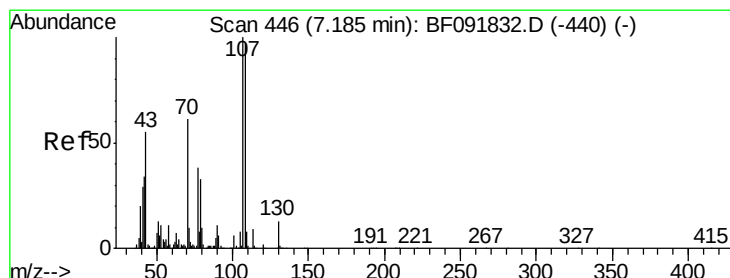
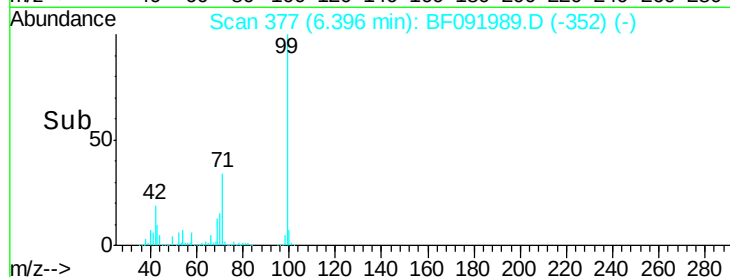
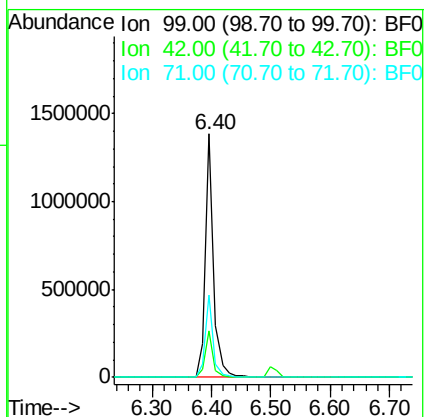
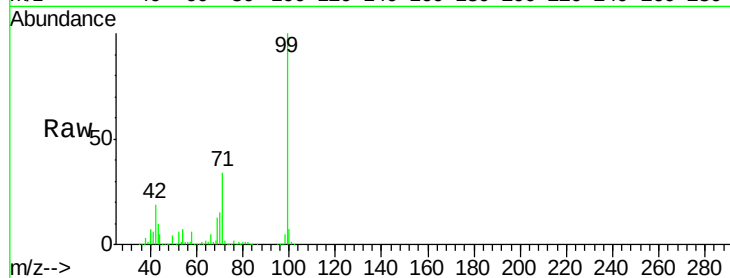
Tgt Ion: 99 Resp: 1378773

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

71 33.8 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.49 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.11 min

Lab File: BF091989.D

Acq: 28 Dec 2016 3:11

Tgt Ion: 70 Resp: 195589

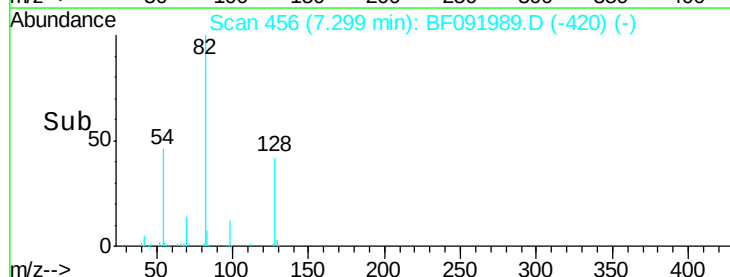
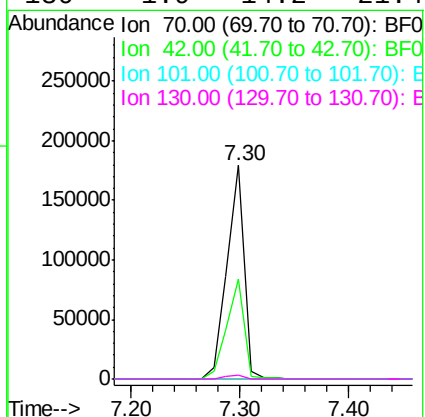
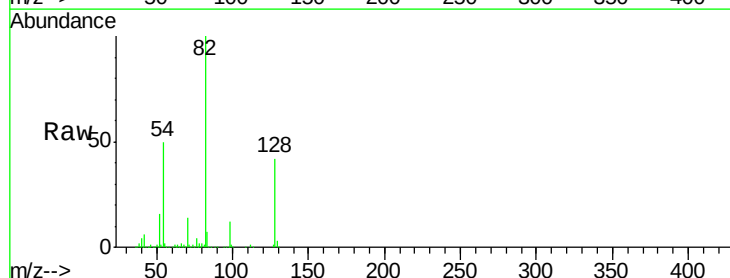
Ion Ratio Lower Upper

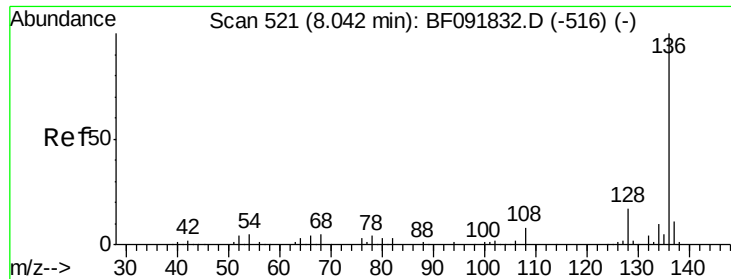
70 100

42 46.8 49.4 74.0#

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

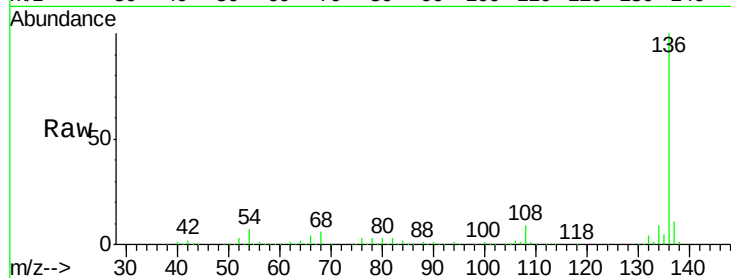




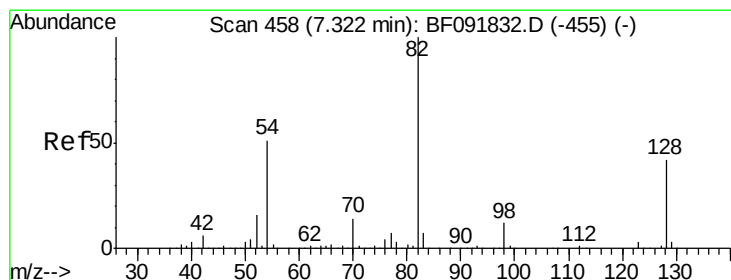
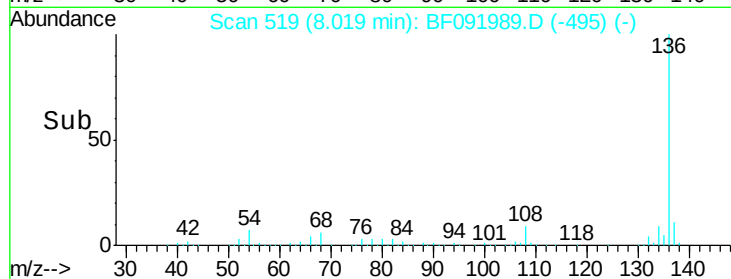
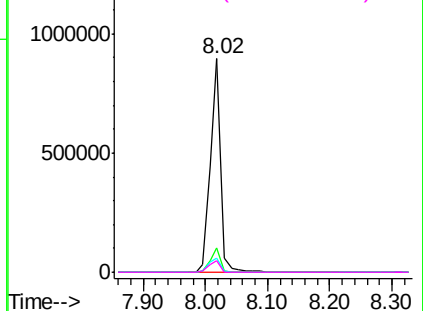
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091989.D
Acq: 28 Dec 2016 3:11

Instrument :
BNA_F
ClientSampleId :
PB95631BL

Tgt Ion: 136 Resp: 1016476
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 6.5 4.5 6.7
68 5.5 3.6 5.4#

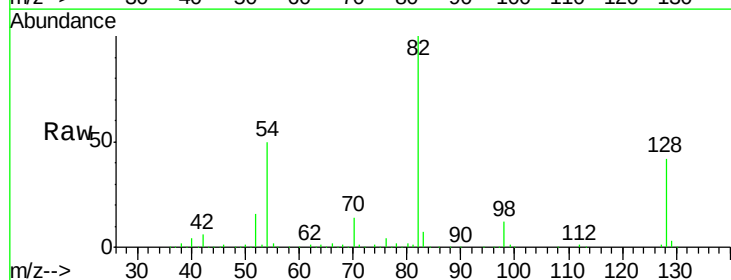


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

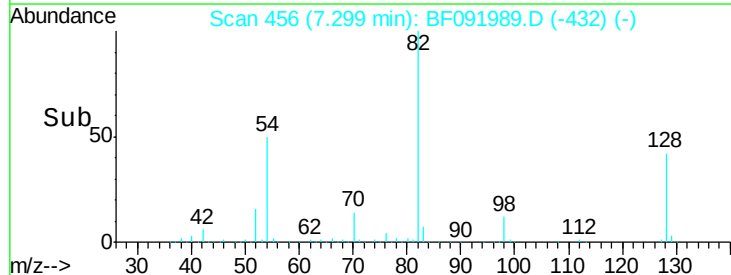
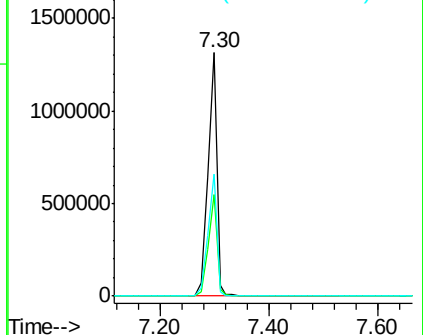


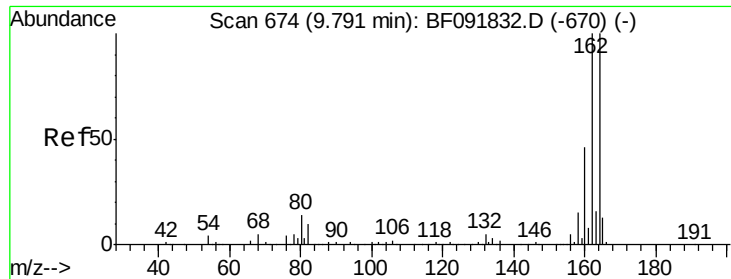
#23
Nitrobenzene-d5
Concen: 79.94 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF091989.D
Acq: 28 Dec 2016 3:11

Tgt Ion: 82 Resp: 1461264
Ion Ratio Lower Upper
82 100
128 41.9 34.6 52.0
54 50.0 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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF091989.D

Acq: 28 Dec 2016 3:11

Instrument :

BNA_F

ClientSampleId :

PB95631BL

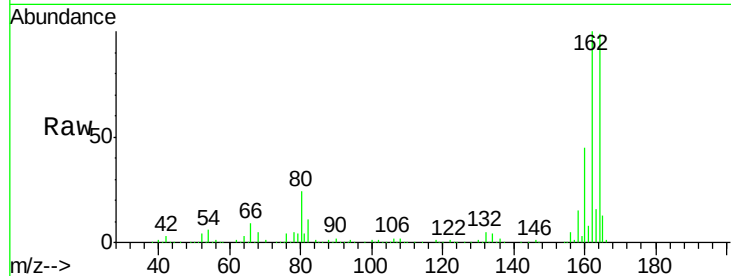
Tgt Ion:164 Resp: 629491

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

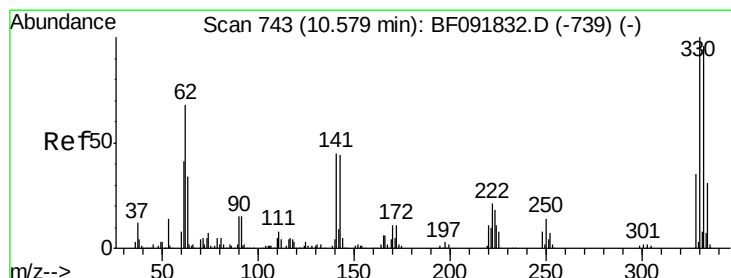
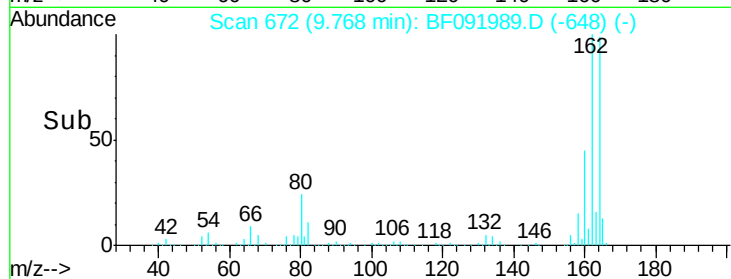
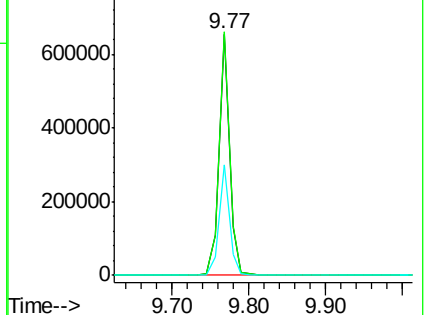
160 45.6 36.9 55.3



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: 61.56 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF091989.D

Acq: 28 Dec 2016 3:11

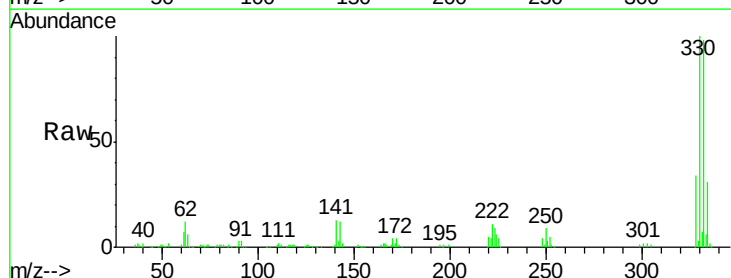
Tgt Ion:330 Resp: 320686

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

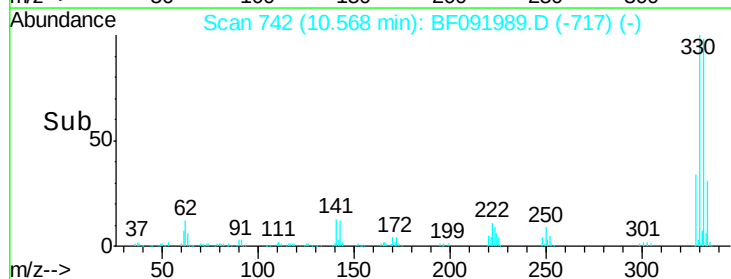
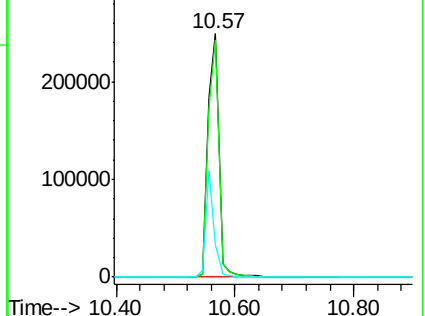
141 33.5 34.1 51.1#

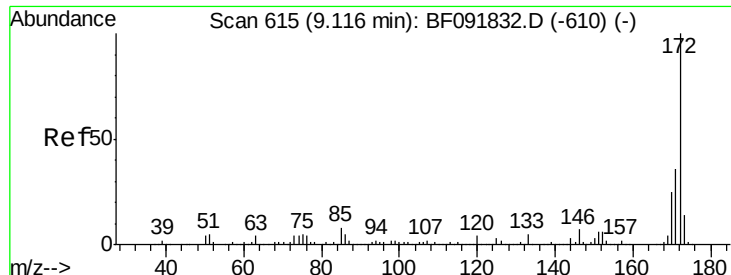


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

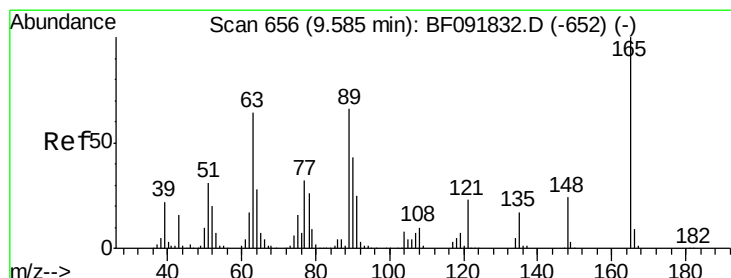
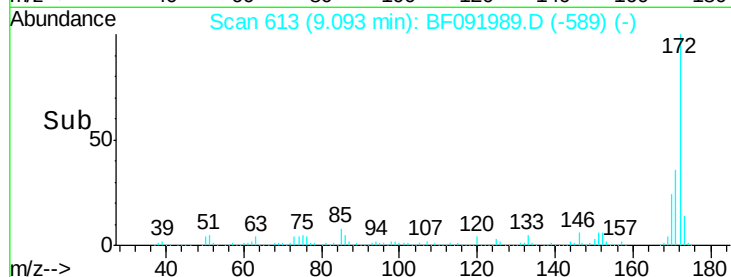
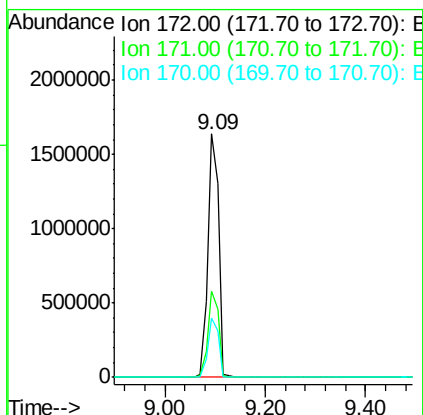
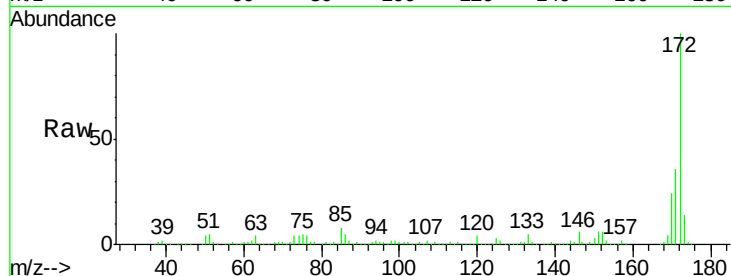




#44
 2-Fluorobiphenyl
 Concen: 77.80 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF091989.D
 Acq: 28 Dec 2016 3:11

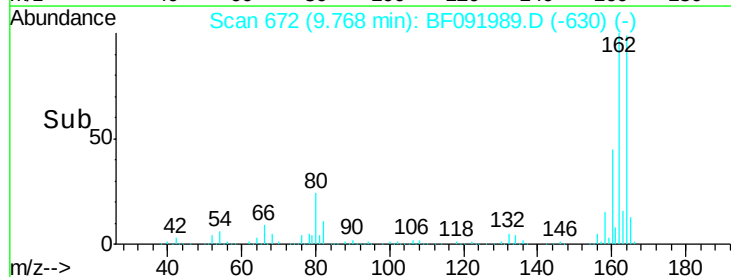
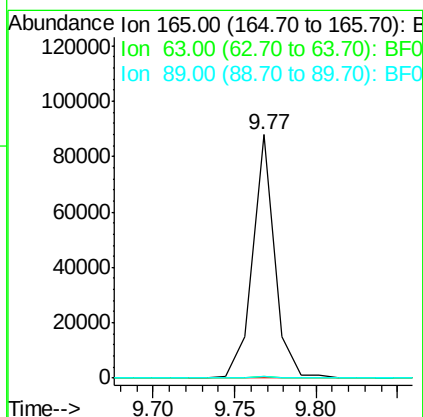
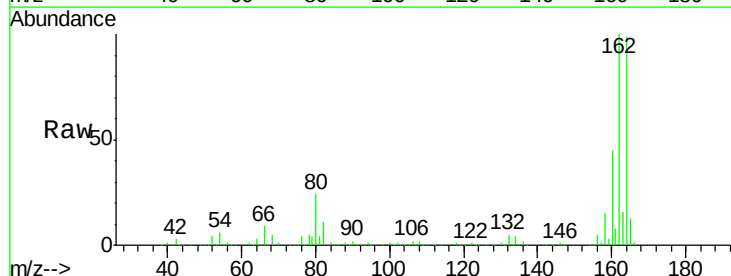
Instrument :
 BNA_F
 ClientSampleId :
 PB95631BL

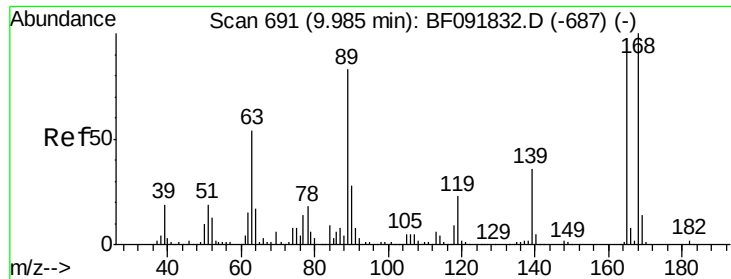
Tgt Ion:172 Resp: 2423822
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.1 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 9.41 ng
 RT: 9.77 min Scan# 672
 Delta R.T. 0.18 min
 Lab File: BF091989.D
 Acq: 28 Dec 2016 3:11

Tgt Ion:165 Resp: 82920
 Ion Ratio Lower Upper
 165 100
 63 0.9 36.2 54.4#
 89 0.9 40.2 60.4#

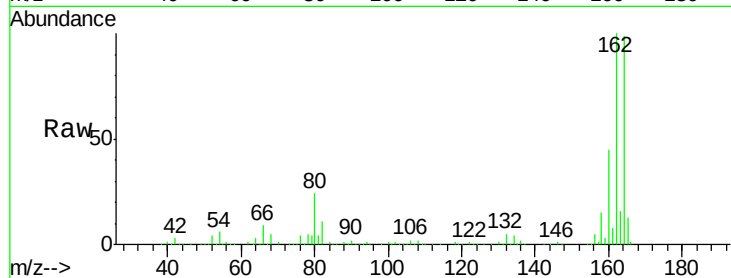




#56
 2,4-Dinitrotoluene
 Concen: 7.50 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.22 min
 Lab File: BF091989.D
 Acq: 28 Dec 2016 3:11

Instrument :
 BNA_F
 ClientSampleId :
 PB95631BL

Tgt Ion:	165	Resp:	82926
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#

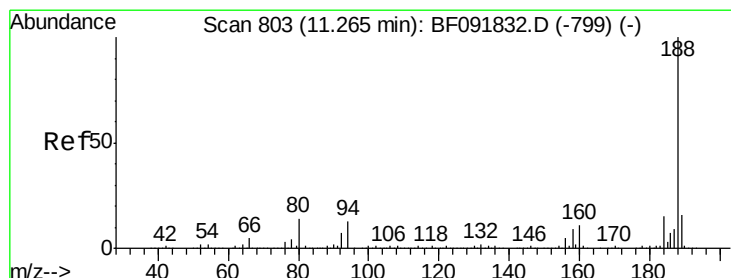
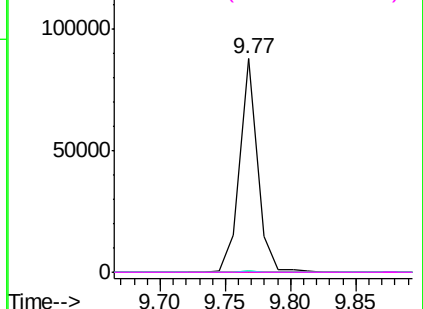
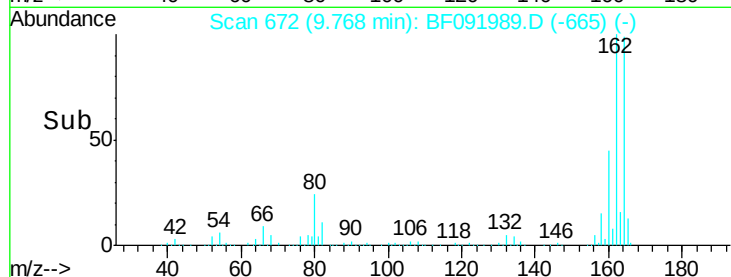


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

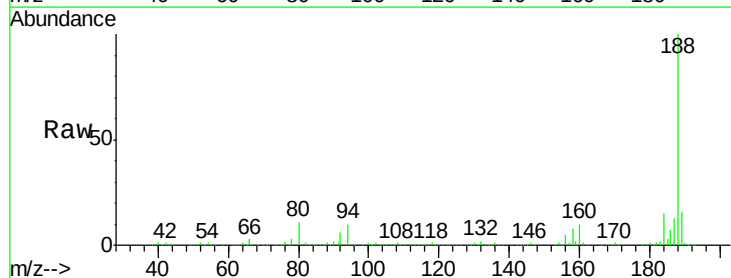
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF091989.D
 Acq: 28 Dec 2016 3:11

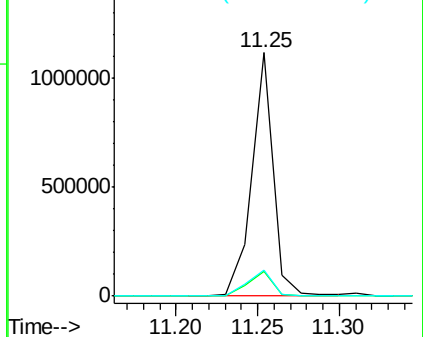
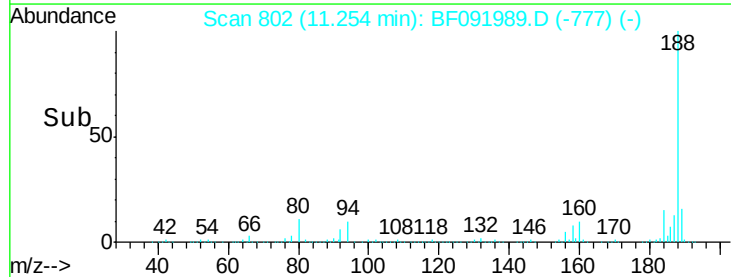
Tgt Ion:	188	Resp:	1016205
Ion	Ratio	Lower	Upper
188	100		
94	10.0	10.0	15.0
80	10.8	11.2	16.8#

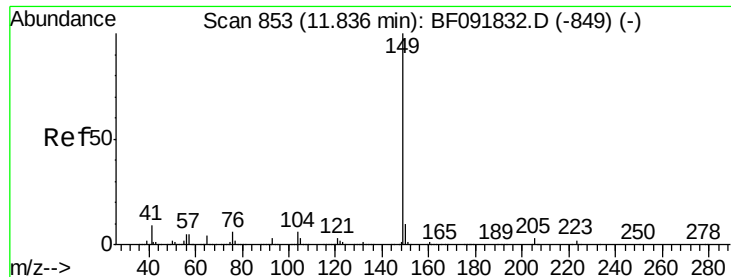


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091989.D

Acq: 28 Dec 2016 3:11

Instrument :

BNA_F

ClientSampleId :

PB95631BL

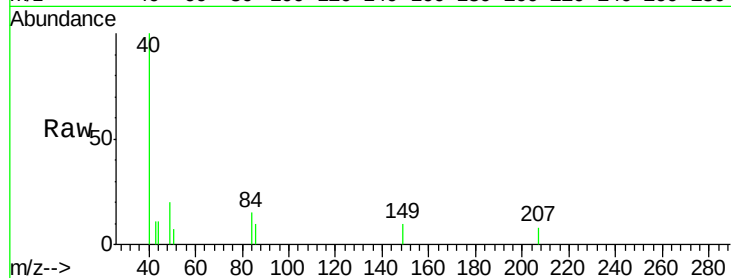
Tgt Ion:149 Resp: 309

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

104 0.0 4.6 7.0#



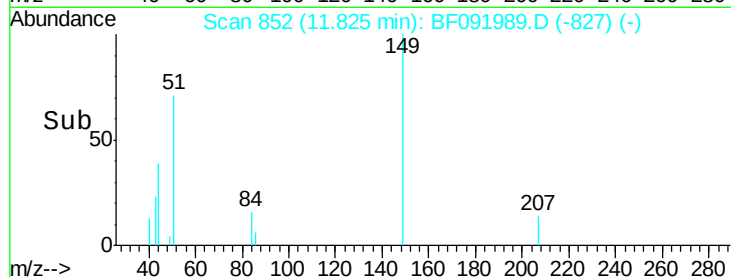
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

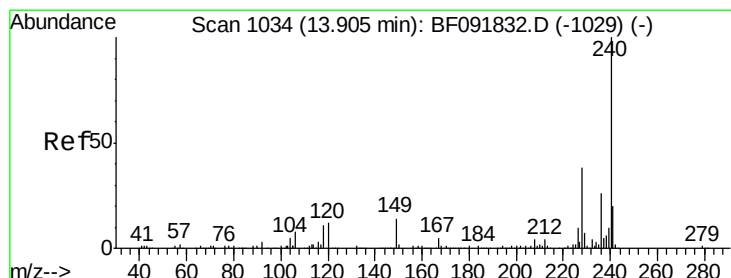
Ion 104.00 (103.70 to 104.70): E

11.82

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091989.D

Acq: 28 Dec 2016 3:11

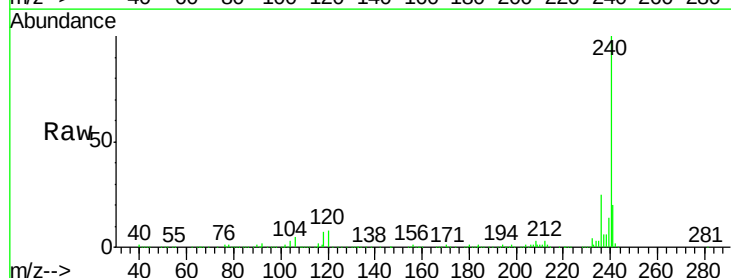
Tgt Ion:240 Resp: 729392

Ion Ratio Lower Upper

240 100

120 8.4 12.9 19.3#

236 25.5 20.9 31.3



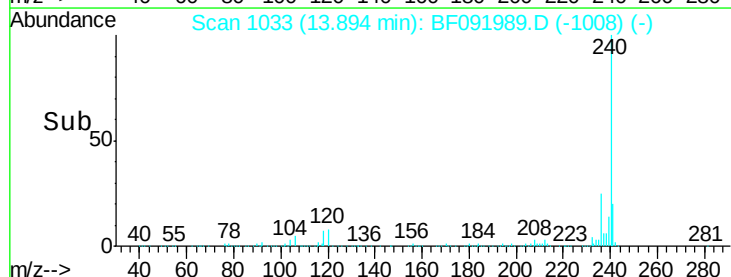
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

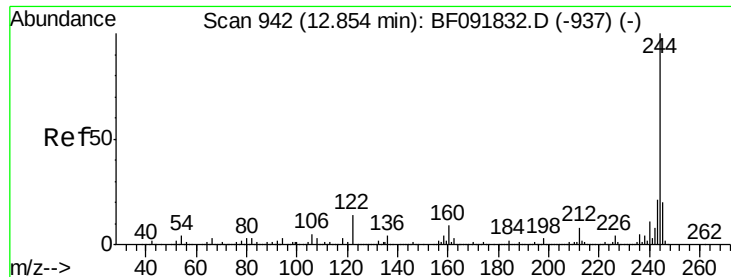
Ion 236.00 (235.70 to 236.70): E

13.89

Time-->



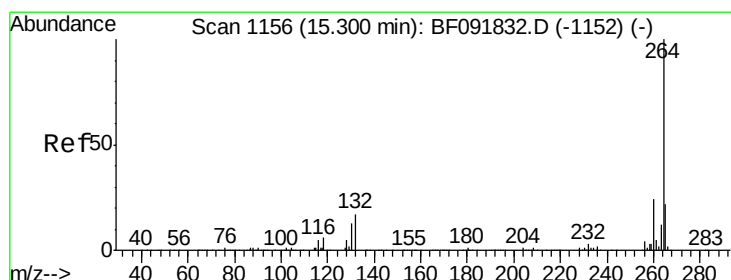
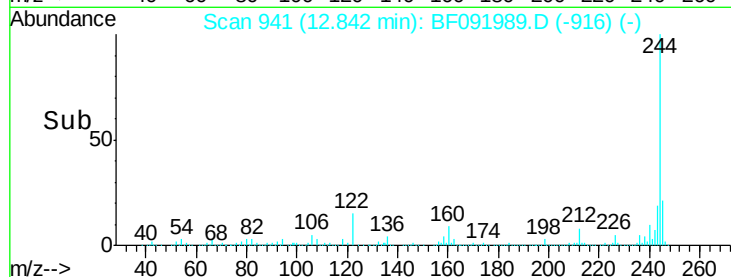
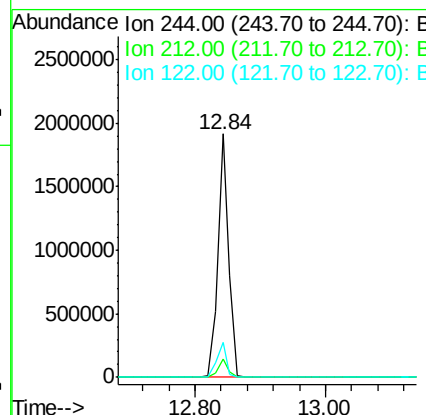
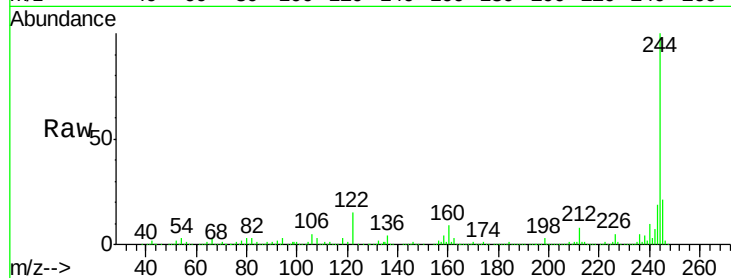
Time-->



#78
 Terphenyl-d14
 Concen: 74.84 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF091989.D
 Acq: 28 Dec 2016 3:11

Instrument :
 BNA_F
 ClientSampleId :
 PB95631BL

Tgt Ion:244 Resp: 2250880
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.5 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091989.D
 Acq: 28 Dec 2016 3:11

Tgt Ion:264 Resp: 574467
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.3 17.4 26.0

