

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
 Data File : BF090659.D
 Acq On : 19 Oct 2016 20:32
 Operator : UM/SJ
 Sample : H5317-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101816-03

Quant Time: Oct 20 01:02:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

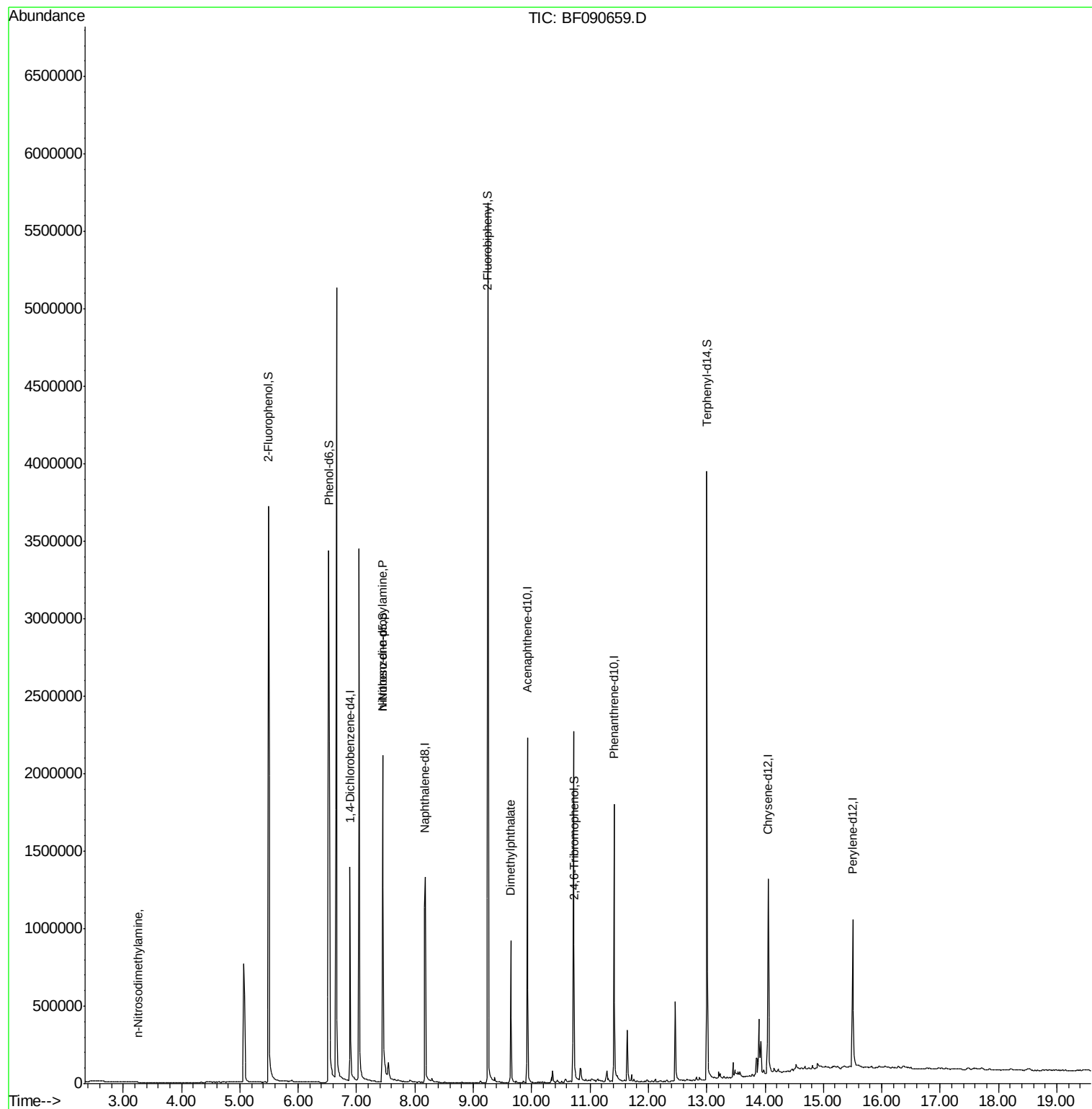
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	214794	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	906000	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	455295	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	672341	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	449056	20.00	ng	-0.01
86) Perylene-d12	15.50	264	429651	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1293983	110.44	ng	0.00
7) Phenol-d6	6.52	99	1722616	98.95	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1045540	64.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	272352	67.10	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1674396	60.60	ng	-0.01
78) Terphenyl-d14	13.00	244	1164212	60.37	ng	-0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.25	42	466	7.24	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	121394	10.17	ng	# 82
49) Dimethylphthalate	9.64	163	407110	13.78	ng	99

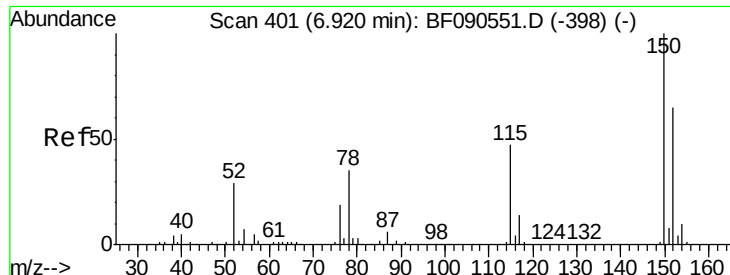
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090659.D

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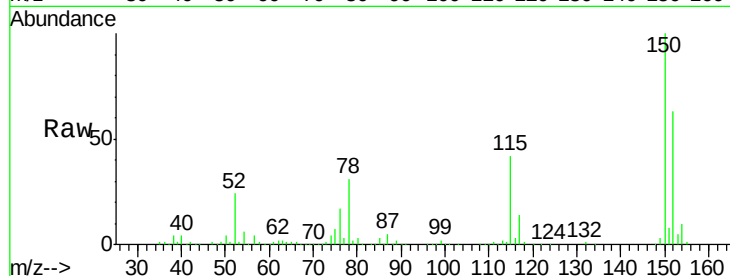
Tgt Ion:152 Resp: 214794

Ion Ratio Lower Upper

152 100

150 157.7 127.2 190.8

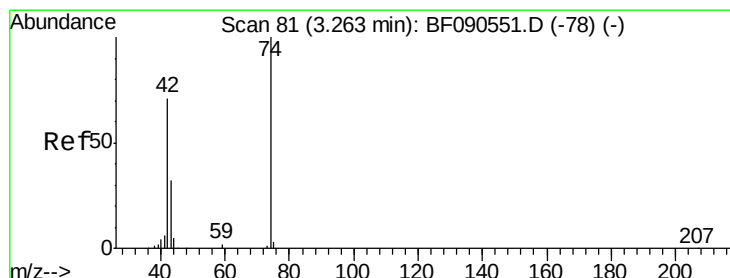
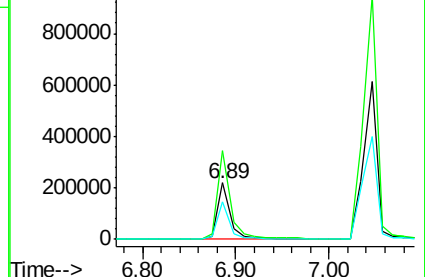
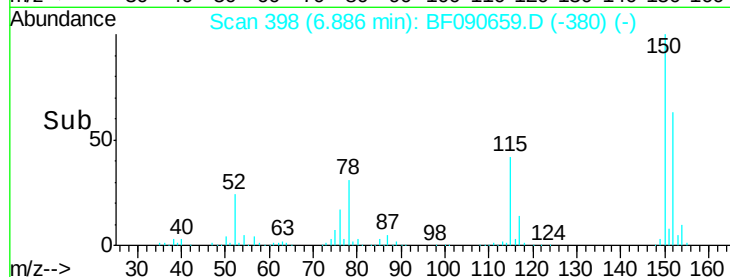
115 66.6 58.6 88.0



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



#4

n-Nitrosodimethylamine

Concen: 7.24 ng

RT: 3.25 min Scan# 80

Delta R.T. 0.03 min

Lab File: BF090659.D

Acq: 19 Oct 2016 20:32

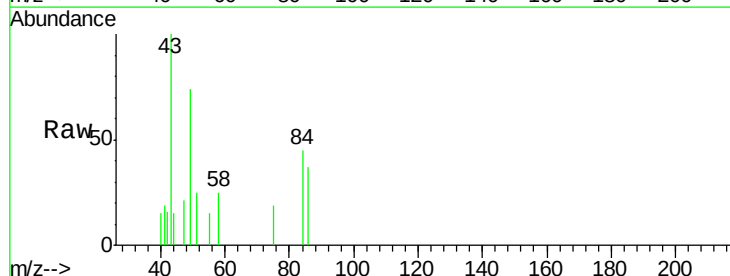
Tgt Ion: 42 Resp: 466

Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

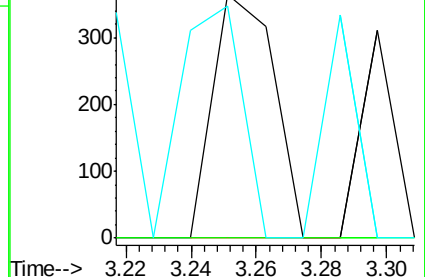
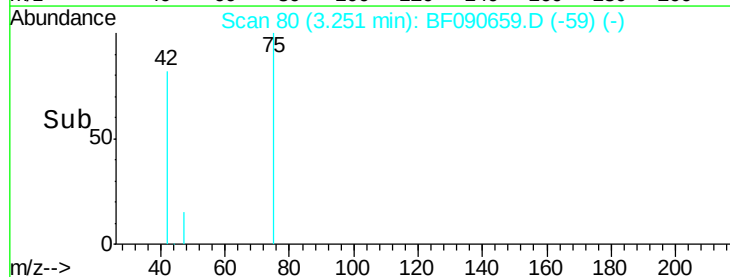
44 95.3 6.0 9.0#

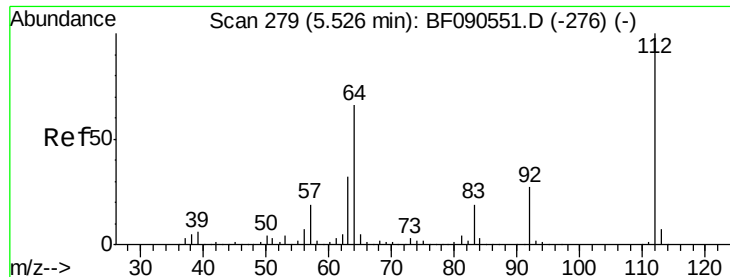


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 110.44 ng

RT: 5.49 min Scan# 276

Delta R.T. 0.00 min

Lab File: BF090659.D

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Instrument :

BNA_F

ClientSampleId :

101816-03

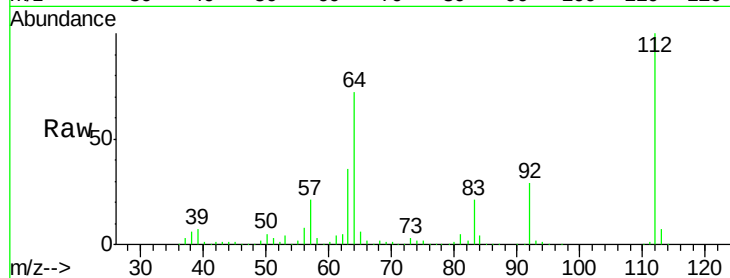
Tgt Ion: 112 Resp: 1293983

Ion Ratio Lower Upper

112 100

64 72.1 52.6 78.8

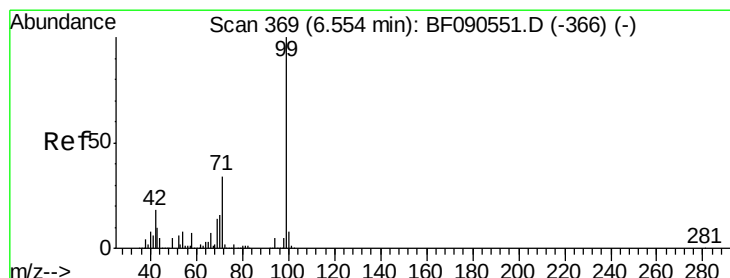
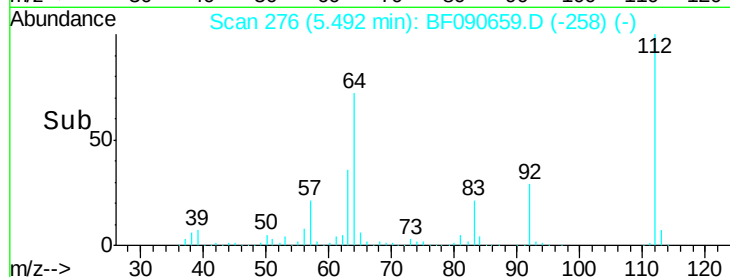
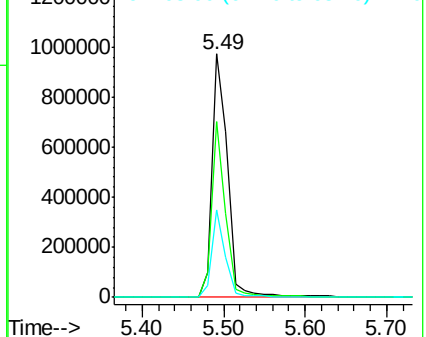
63 35.7 26.0 39.0



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: 98.95 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090659.D

Acq: 19 Oct 2016 20:32

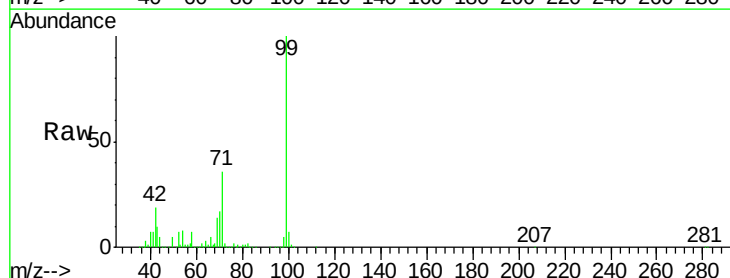
Tgt Ion: 99 Resp: 1722616

Ion Ratio Lower Upper

99 100

42 19.1 14.7 22.1

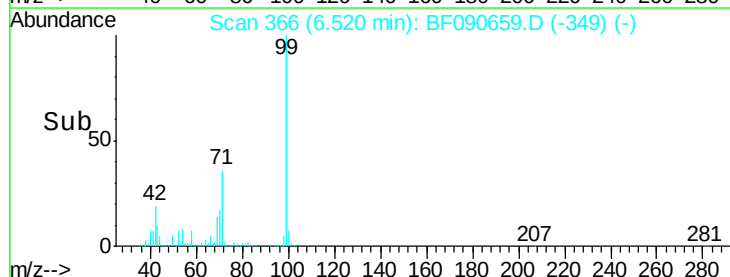
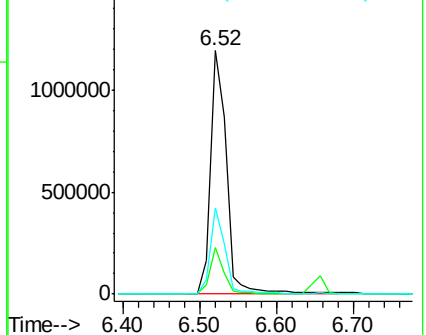
71 35.6 27.6 41.4

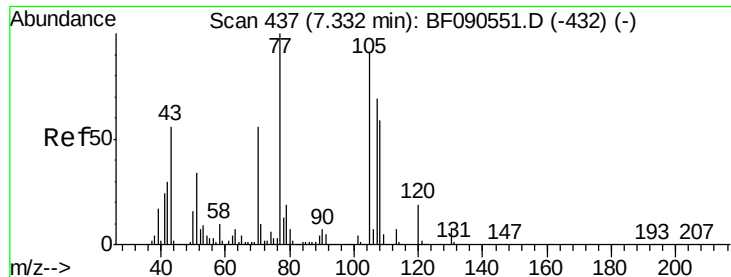


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

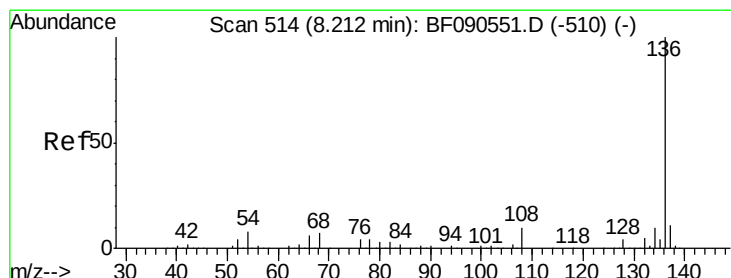
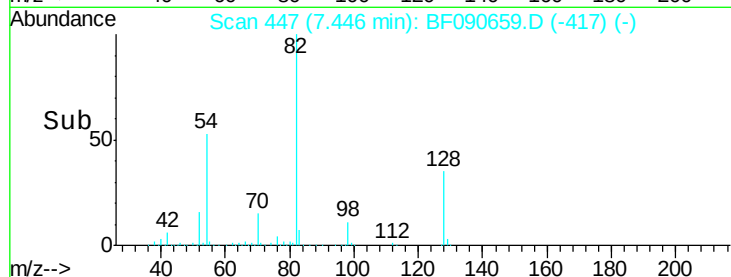
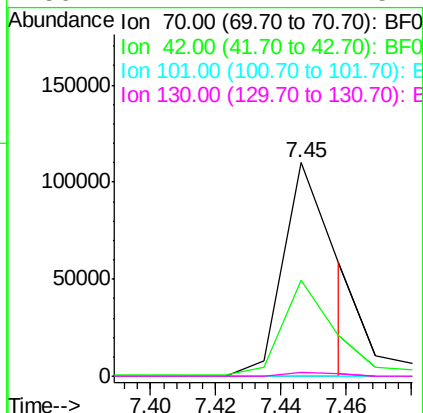
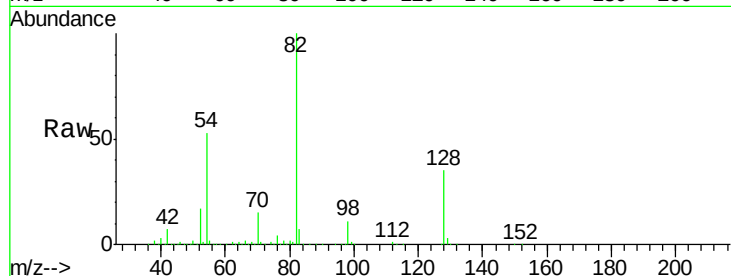




#19
n-Nitroso-di-n-propylamine
Concen: 10.17 ng
RT: 7.45 min Scan# 447
Delta R.T. 0.14 min
Lab File: BF090659.D
Acq: 19 Oct 2016 20:32

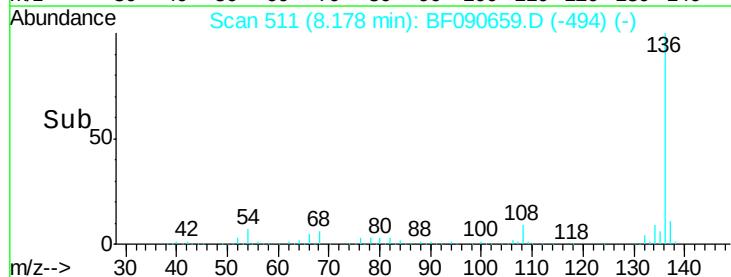
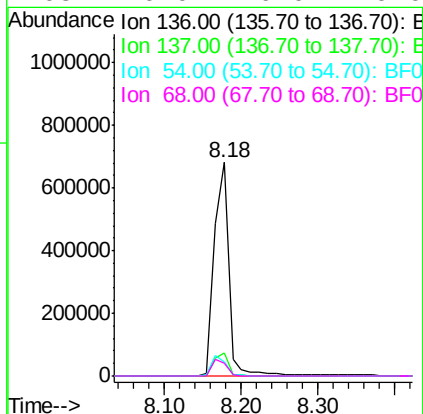
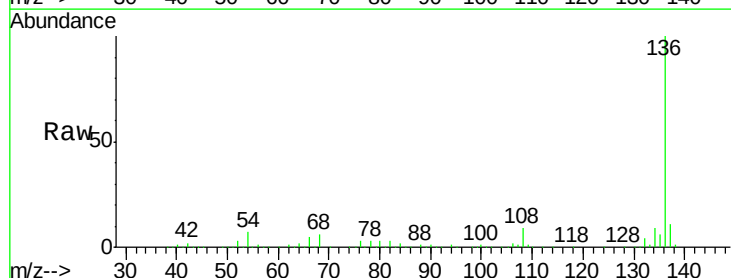
Instrument :
BNA_F
ClientSampleId :
101816-03

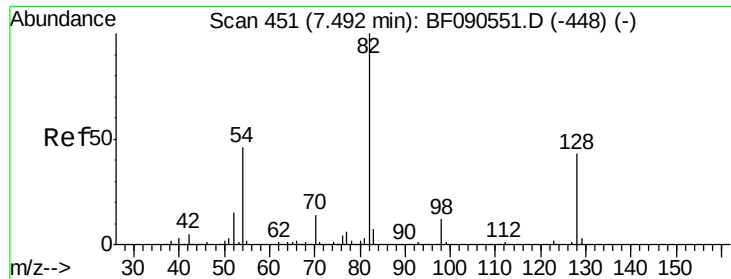
Tgt Ion: 70 Resp: 121394
Ion Ratio Lower Upper
70 100
42 44.7 43.4 65.0
101 0.0 6.4 9.6#
130 1.7 12.1 18.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF090659.D
Acq: 19 Oct 2016 20:32

Tgt Ion: 136 Resp: 906000
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.7 6.8 10.2#
68 6.0 6.0 9.0#





#23

Nitrobenzene-d5

Concen: 64.11 ng

RT: 7.45 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF090659.D

Acq: 19 Oct 2016 20:32

Instrument :

BNA_F

ClientSampleId :

101816-03

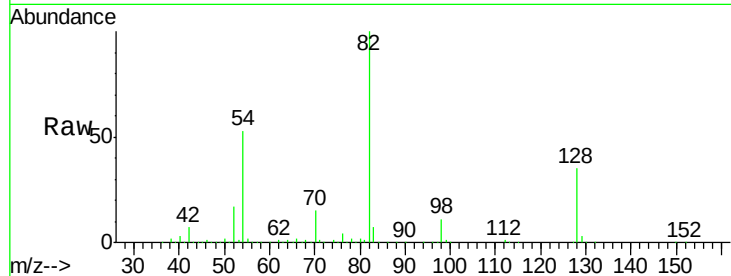
Tgt Ion: 82 Resp: 1045540

Ion Ratio Lower Upper

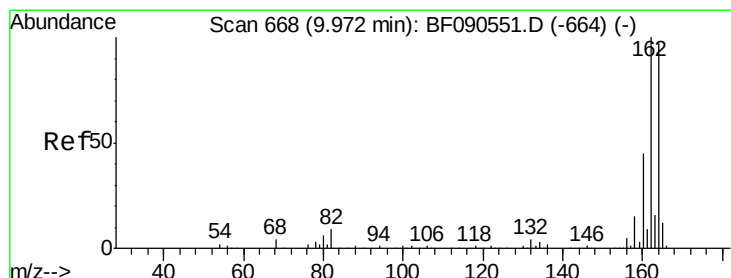
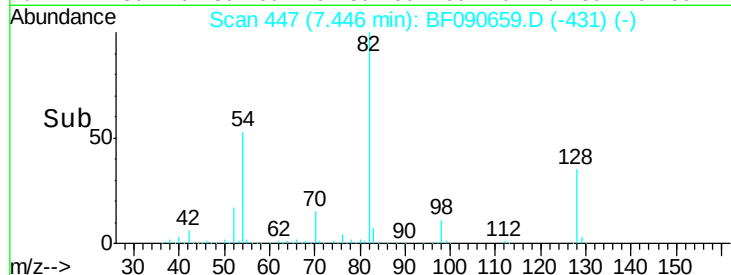
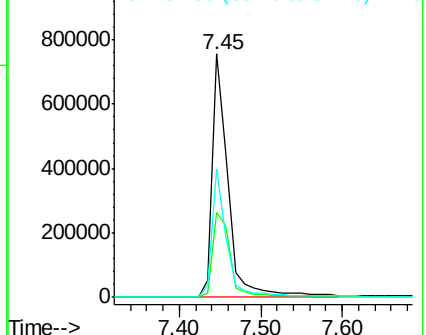
82 100

128 35.1 34.3 51.5

54 53.0 37.0 55.6



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: 9.93 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF090659.D

Acq: 19 Oct 2016 20:32

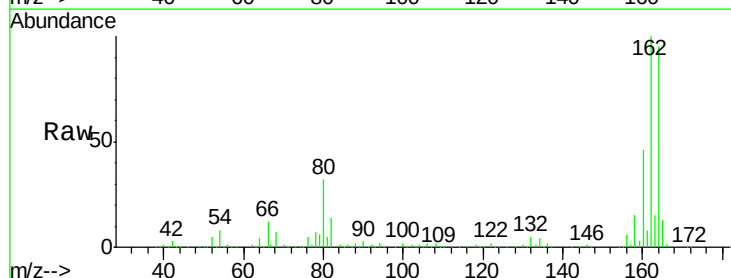
Tgt Ion: 164 Resp: 455295

Ion Ratio Lower Upper

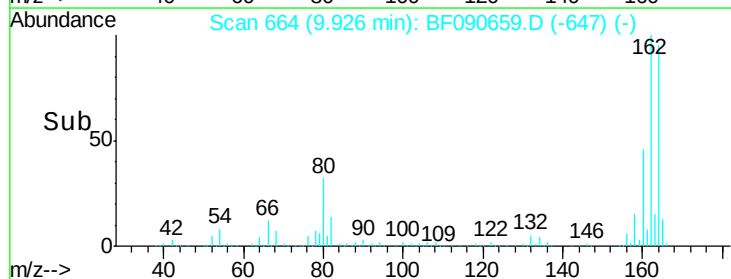
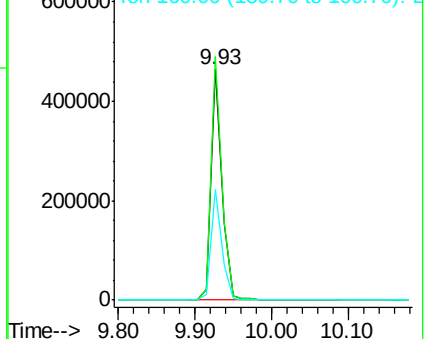
164 100

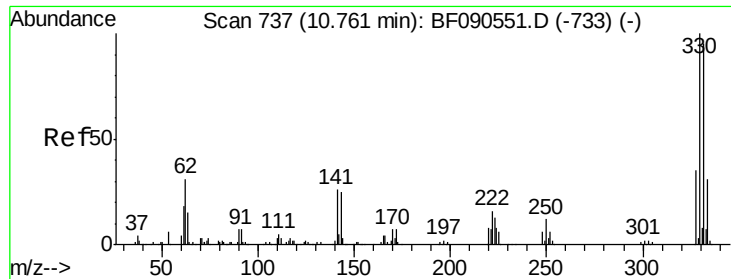
162 105.5 82.2 123.4

160 48.1 36.6 55.0



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

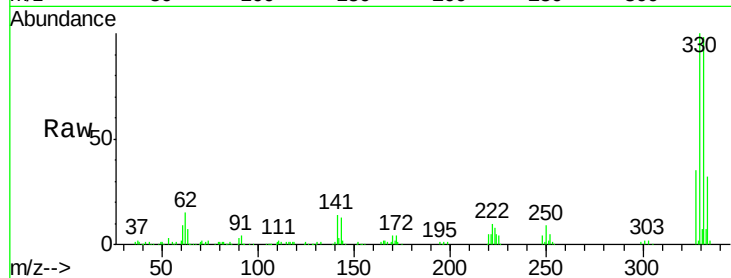




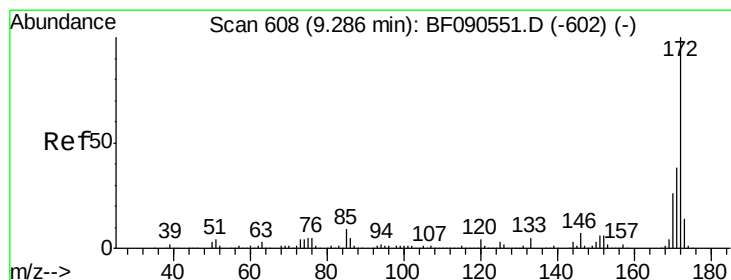
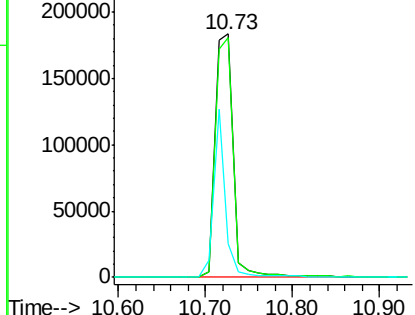
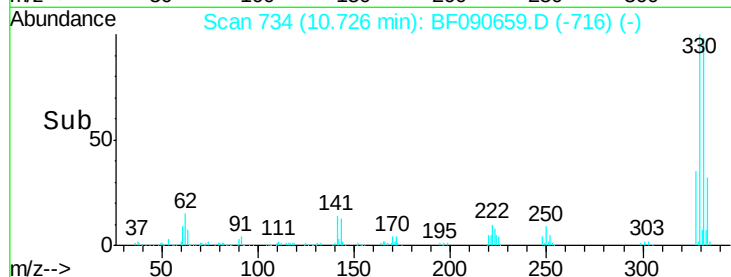
#41
 2,4,6-Tribromophenol
 Concen: 67.10 ng
 RT: 10.73 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF090659.D
 Acq: 19 Oct 2016 20:32

Instrument :
 BNA_F
 ClientSampleId :
 101816-03

Tgt Ion:330 Resp: 272352
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.2 114.2
 141 45.5 31.4 47.2

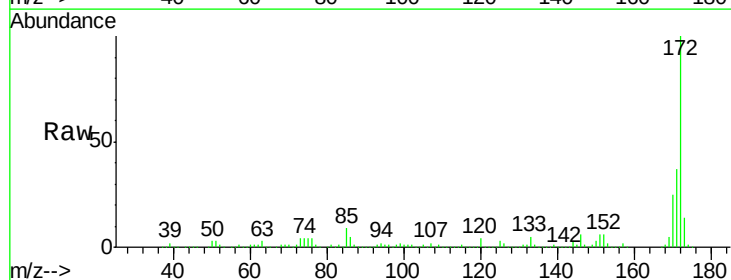


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

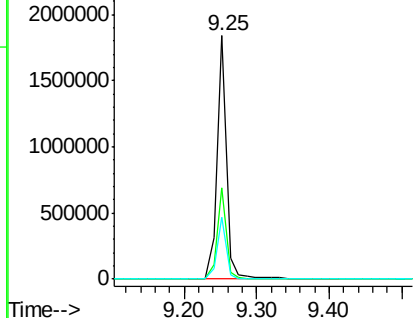
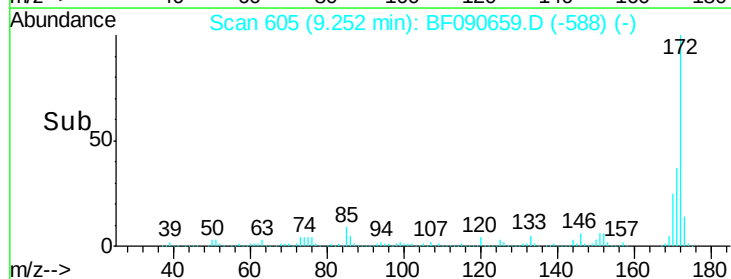


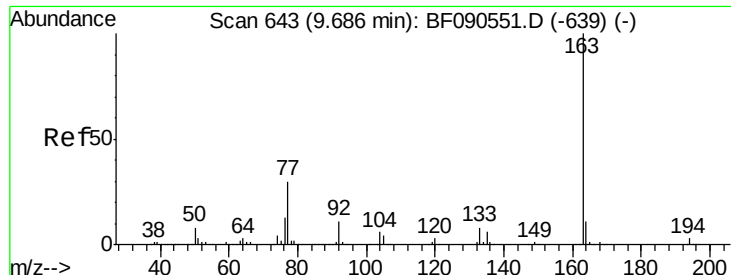
#44
 2-Fluorobiphenyl
 Concen: 60.60 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090659.D
 Acq: 19 Oct 2016 20:32

Tgt Ion:172 Resp: 1674396
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.1 45.1
 170 25.4 20.6 30.8



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





#49

Dimethylphthalate

Concen: 13.78 ng

RT: 9.64 min Scan# 639

Delta R.T. -0.02 min

Lab File: BF090659.D

Acq: 19 Oct 2016 20:32

Instrument :

BNA_F

ClientSampleId :

101816-03

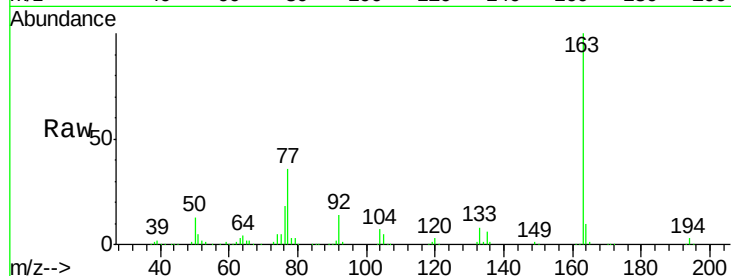
Tgt Ion:163 Resp: 407110

Ion Ratio Lower Upper

163 100

194 2.7 2.3 3.5

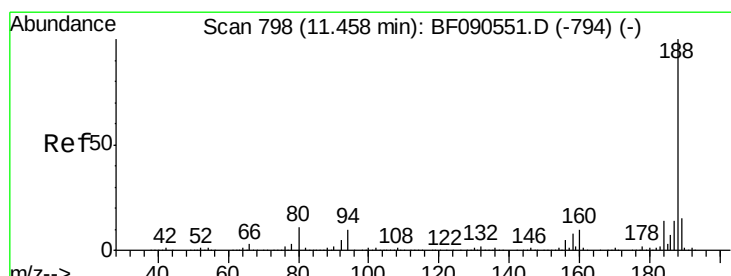
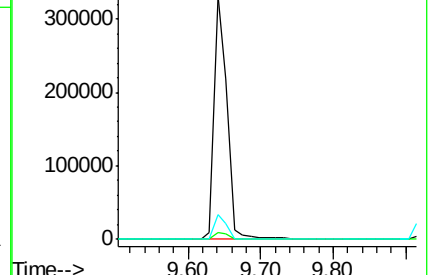
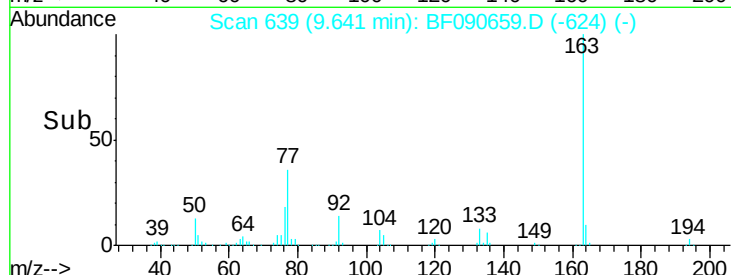
164 10.3 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF090659.D

Acq: 19 Oct 2016 20:32

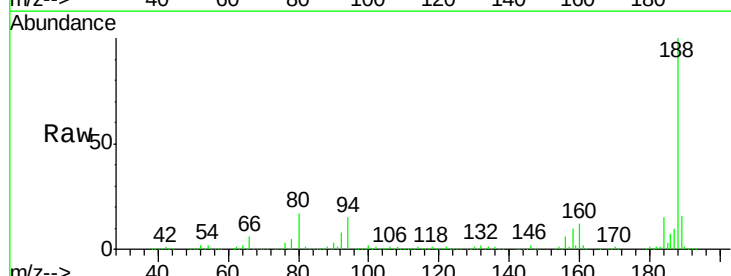
Tgt Ion:188 Resp: 672341

Ion Ratio Lower Upper

188 100

94 15.2 7.7 11.5#

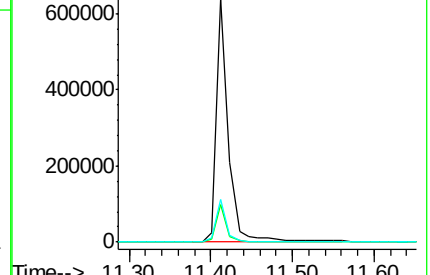
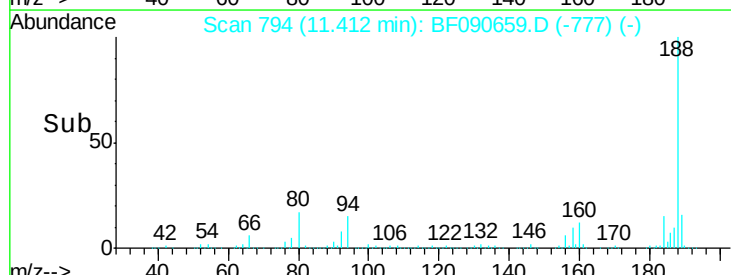
80 17.5 8.6 12.8#

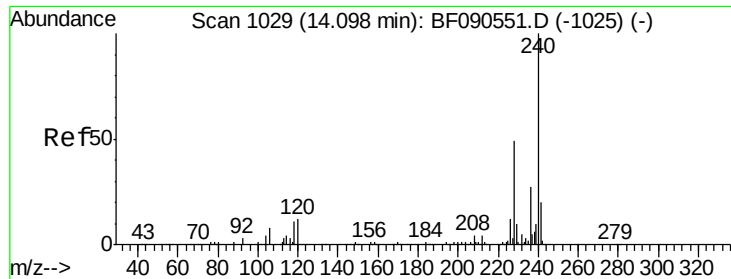


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

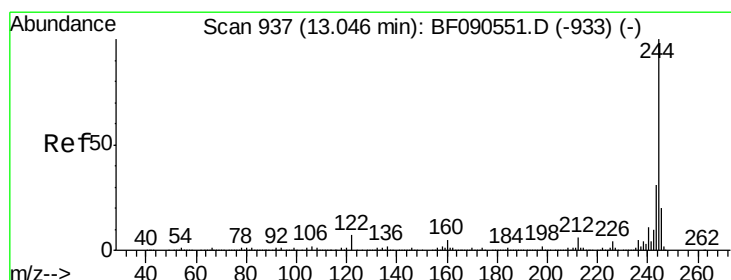
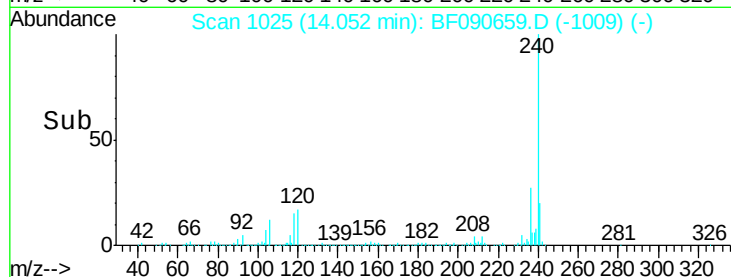
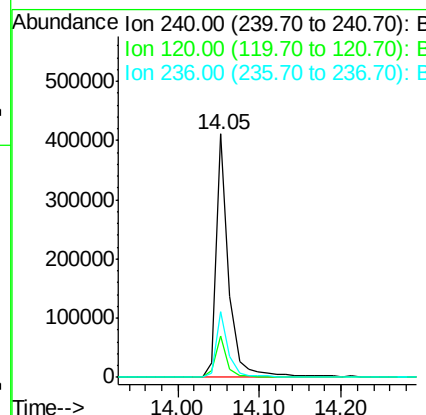
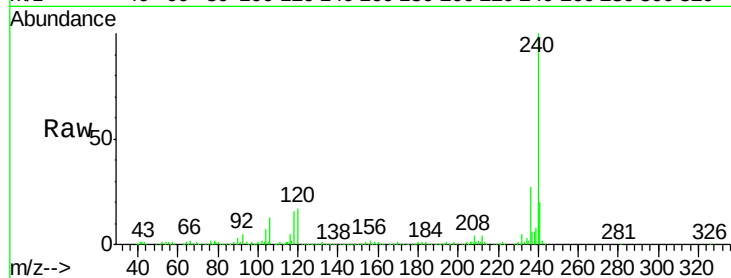




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF090659.D
Acq: 19 Oct 2016 20:32

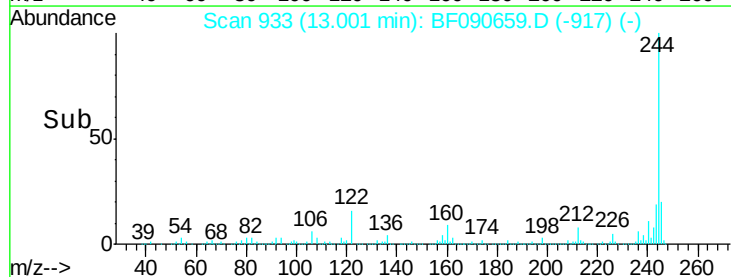
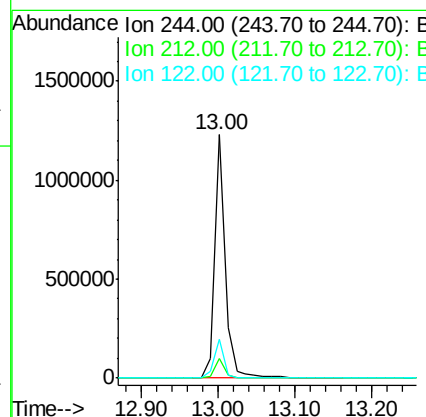
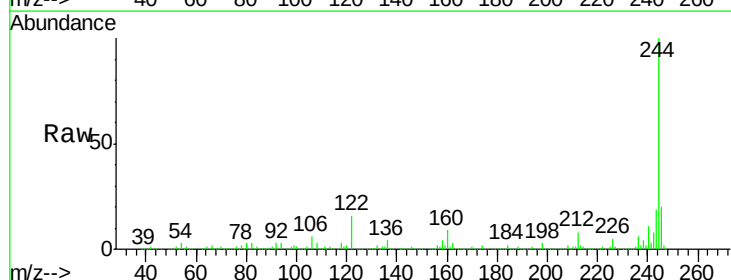
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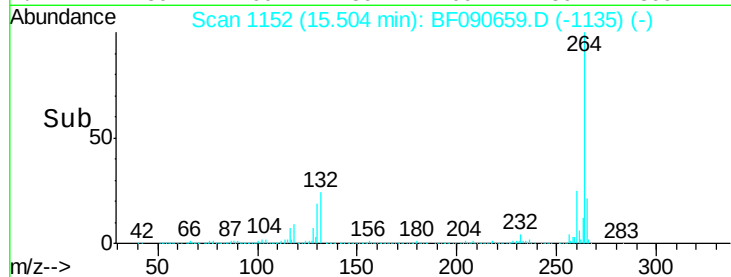
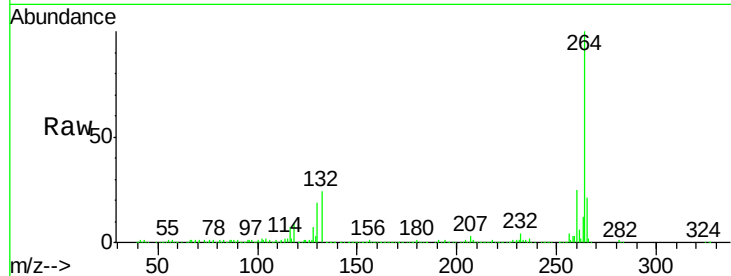
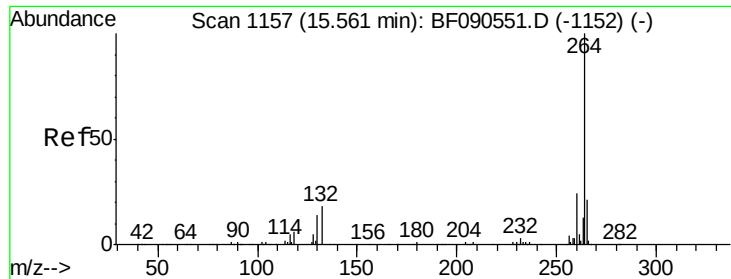
Tgt Ion:240 Resp: 449056
Ion Ratio Lower Upper
240 100
120 17.0 9.8 14.8#
236 27.2 21.7 32.5



#78
Terphenyl-d14
Concen: 60.37 ng
RT: 13.00 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090659.D
Acq: 19 Oct 2016 20:32

Tgt Ion:244 Resp: 1164212
Ion Ratio Lower Upper
244 100
212 7.8 5.0 7.4#
122 16.0 5.6 8.4#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF090659.D

Acq: 19 Oct 2016 20:32

Instrument :

BNA_F

ClientSampleId :

101816-03

Tgt Ion: 264 Resp: 429651

Ion Ratio Lower Upper

264 100

260 25.3 19.3 28.9

265 21.1 16.7 25.1

