

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
 Data File : BF090663.D
 Acq On : 19 Oct 2016 22:23
 Operator : UM/SJ
 Sample : H5317-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101816-07

Quant Time: Oct 20 01:03:48 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

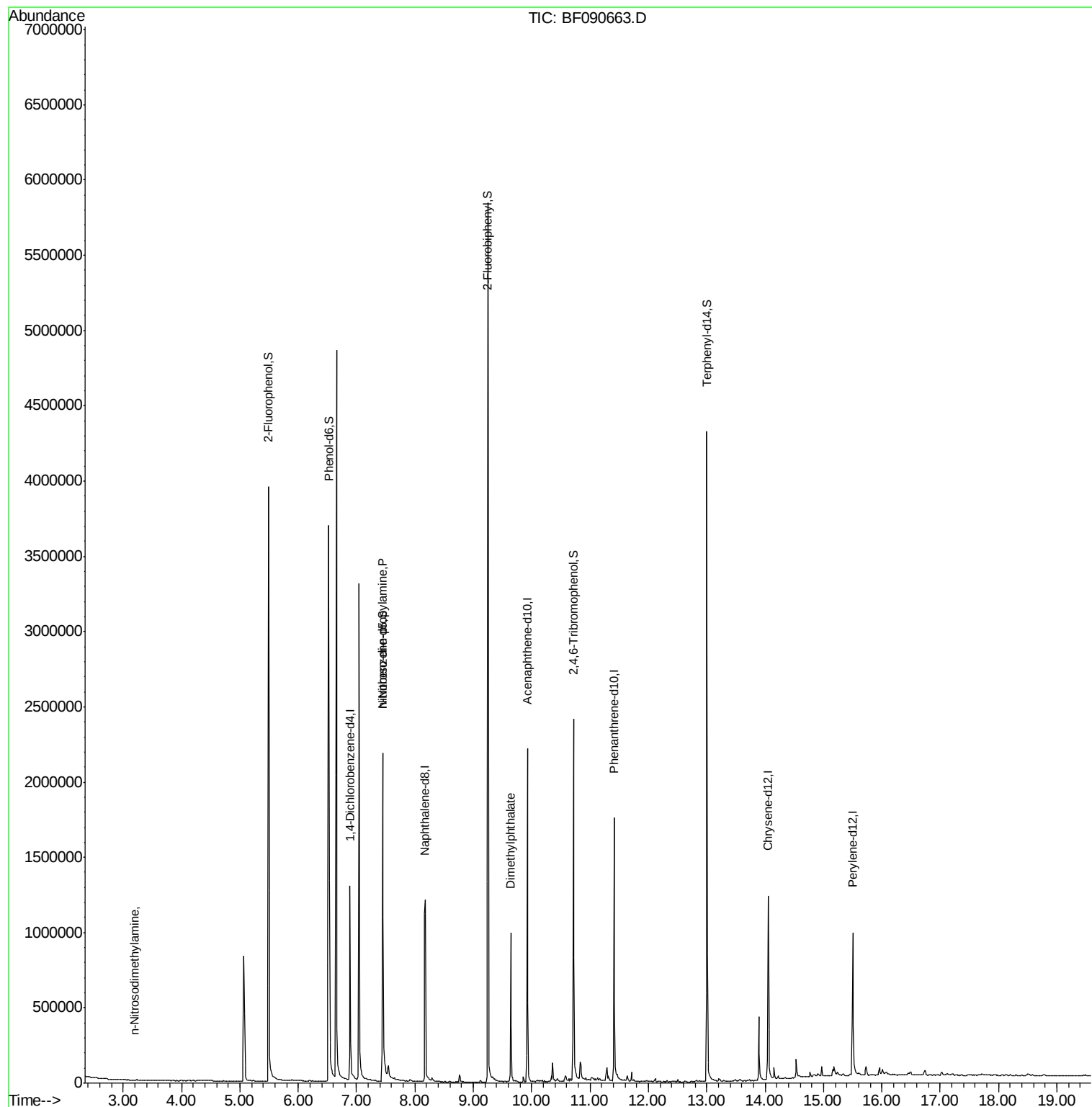
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	205380	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	860342	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	448611	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	659634	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	429461	20.00	ng	-0.01
86) Perylene-d12	15.50	264	419523	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1207128	107.75	ng	0.00
7) Phenol-d6	6.52	99	1599511	96.09	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1038908	67.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	279021	69.76	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1762075	64.72	ng	-0.01
78) Terphenyl-d14	13.00	244	1324344	71.80	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.19	42	432	7.24	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	120352	10.54	ng	# 81
49) Dimethylphthalate	9.64	163	416412	14.31	ng	100

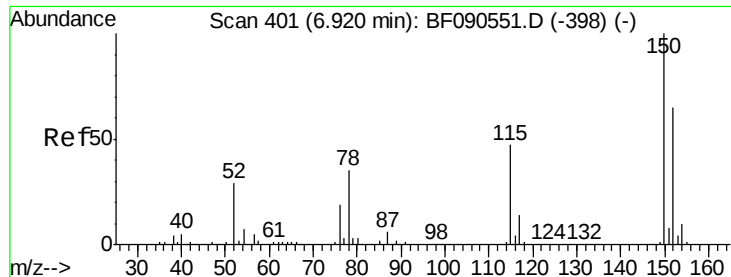
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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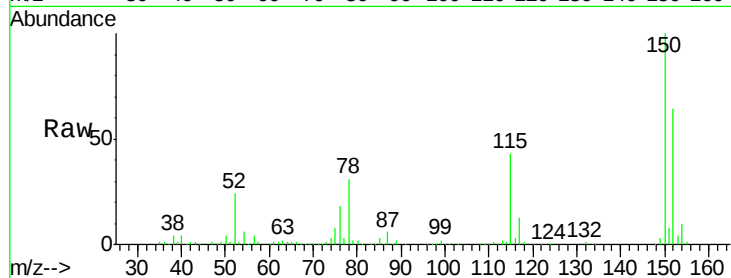


#1

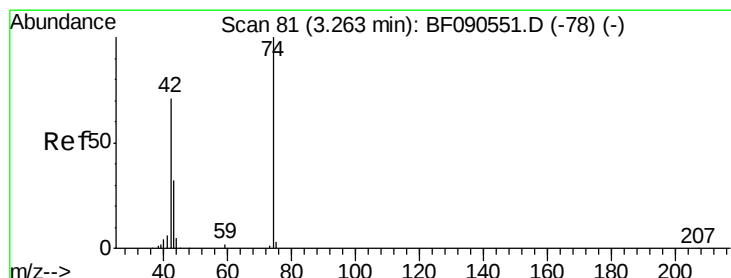
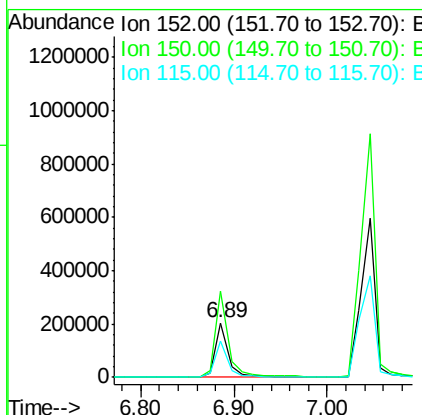
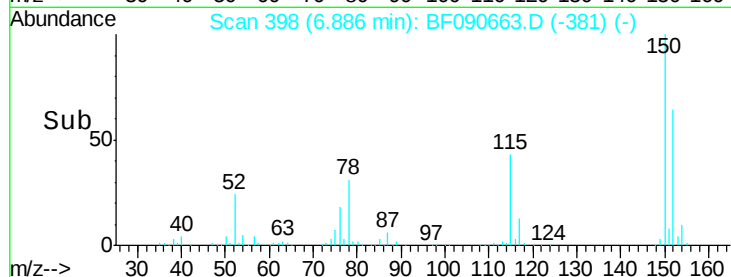
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090663.D
Acq: 19 Oct 2016 22:23

Instrument :
BNA_F
ClientSampleId :
101816-07

Tgt Ion: 152 Resp: 205380
Ion Ratio Lower Upper
152 100
150 156.6 127.2 190.8
115 67.0 58.6 88.0



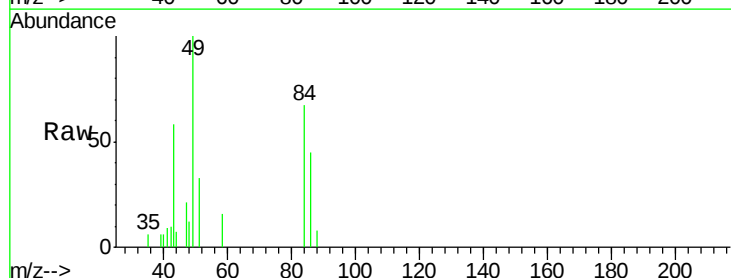
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



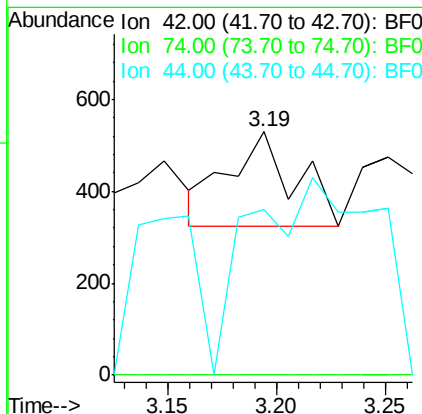
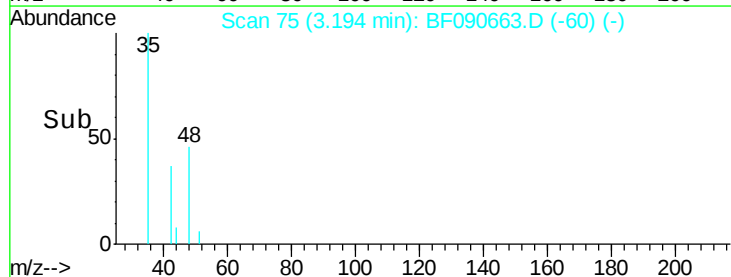
#4

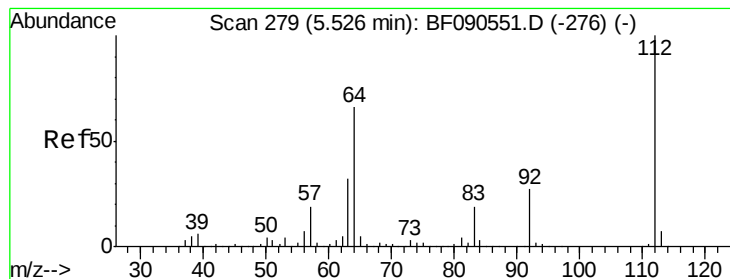
n-Nitrosodimethylamine
Concen: 7.24 ng
RT: 3.19 min Scan# 75
Delta R.T. -0.02 min
Lab File: BF090663.D
Acq: 19 Oct 2016 22:23

Tgt Ion: 42 Resp: 432
Ion Ratio Lower Upper
42 100
74 0.0 113.3 169.9#
44 68.1 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: 107.75 ng

RT: 5.49 min Scan# 276

Delta R.T. -0.00 min

Lab File: BF090663.D

Acq: 19 Oct 2016 22:23

Instrument :

BNA_F

ClientSampleId :

101816-07

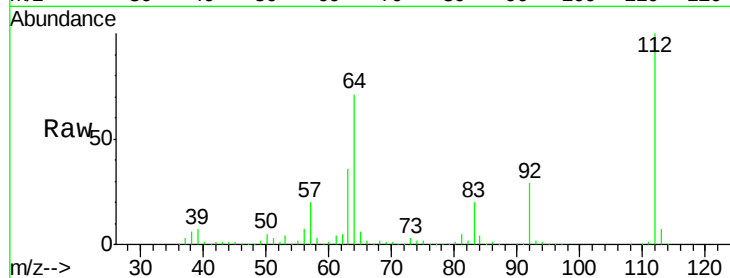
Tgt Ion: 112 Resp: 1207128

Ion Ratio Lower Upper

112 100

64 71.1 52.6 78.8

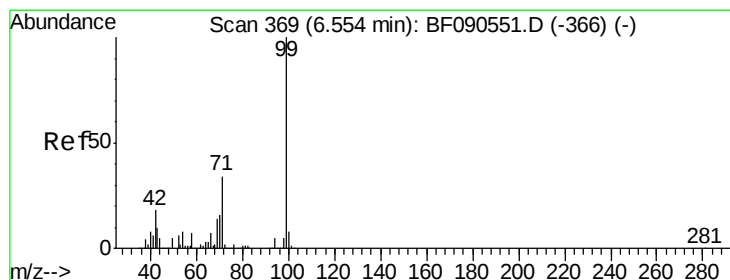
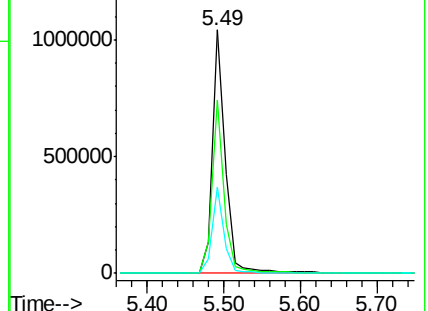
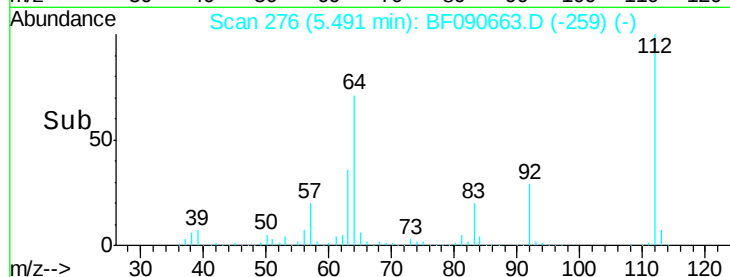
63 35.6 26.0 39.0



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: 96.09 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090663.D

Acq: 19 Oct 2016 22:23

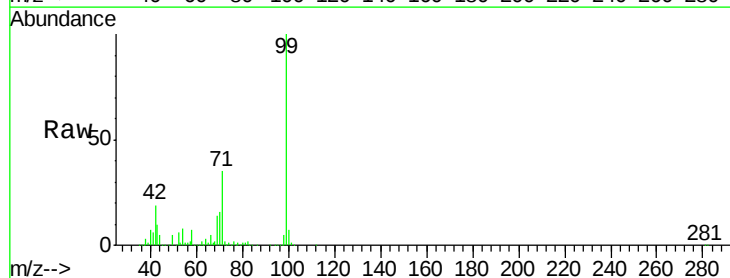
Tgt Ion: 99 Resp: 1599511

Ion Ratio Lower Upper

99 100

42 18.9 14.7 22.1

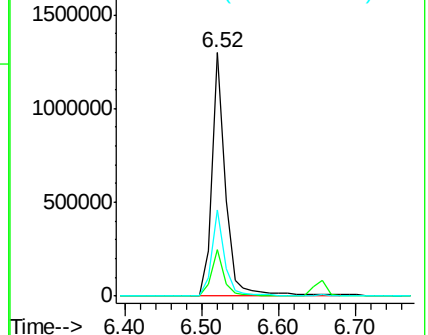
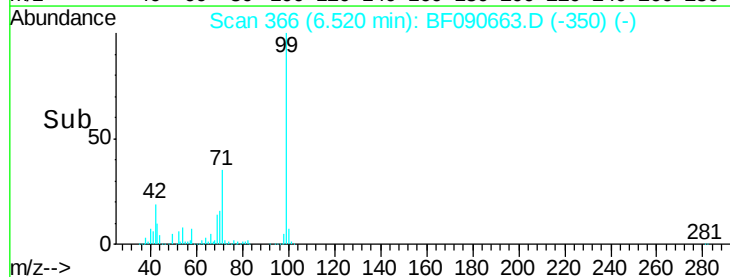
71 35.4 27.6 41.4

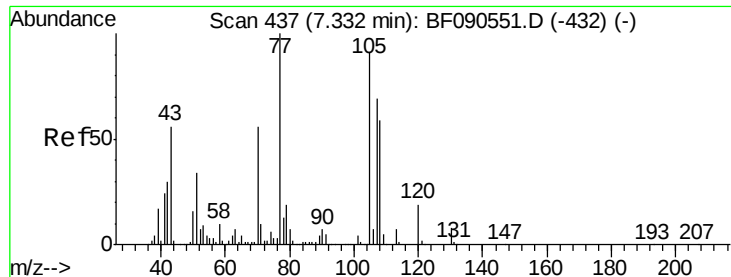


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

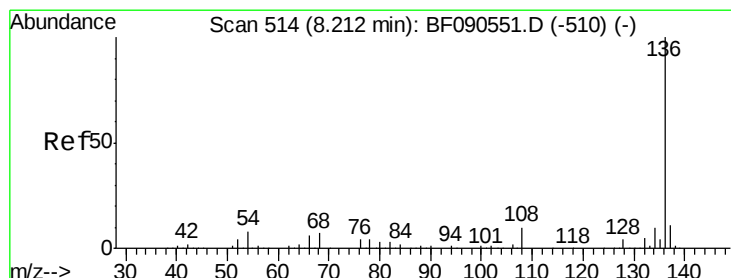
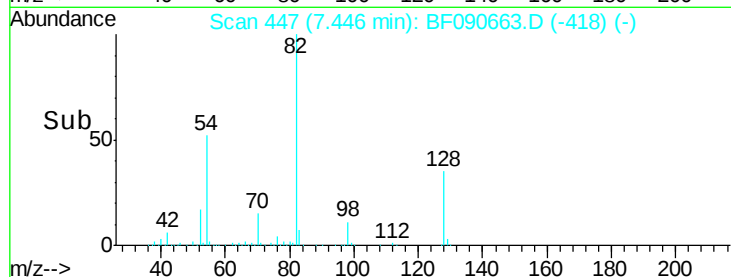
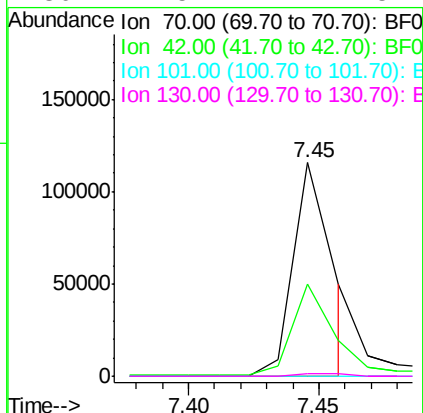
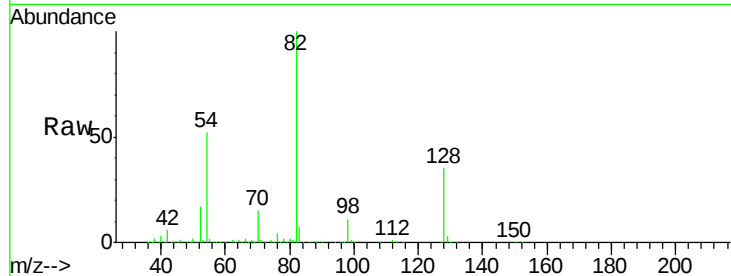




#19
n-Nitroso-di-n-propylamine
Concen: 10.54 ng
RT: 7.45 min Scan# 447
Delta R.T. 0.14 min
Lab File: BF090663.D
Acq: 19 Oct 2016 22:23

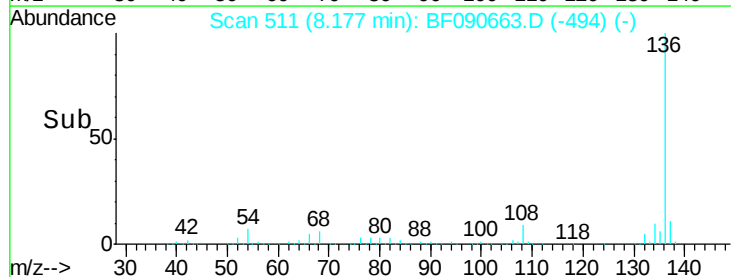
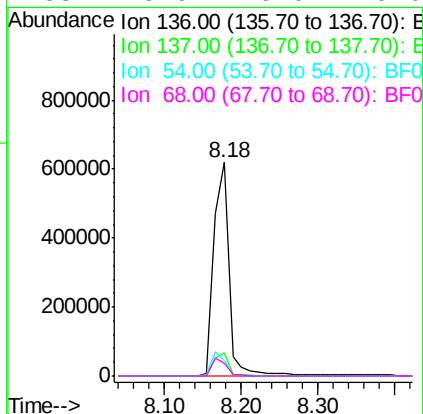
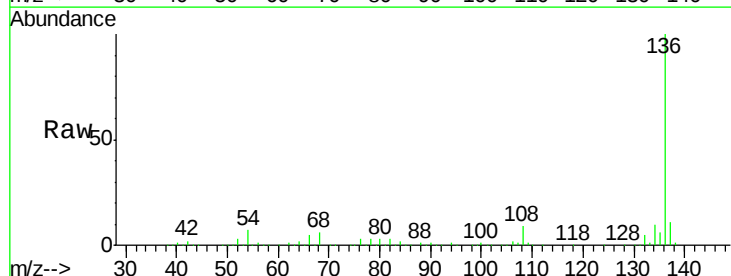
Instrument :
BNA_F
ClientSampleId :
101816-07

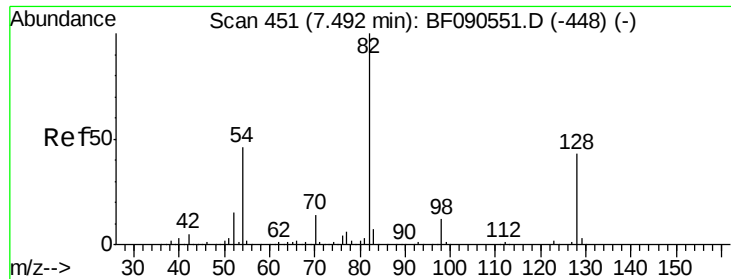
Tgt Ion: 70 Resp: 120352
Ion Ratio Lower Upper
70 100
42 43.3 43.4 65.0#
101 0.0 6.4 9.6#
130 1.5 12.1 18.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF090663.D
Acq: 19 Oct 2016 22:23

Tgt Ion: 136 Resp: 860342
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.0 6.8 10.2
68 5.9 6.0 9.0#

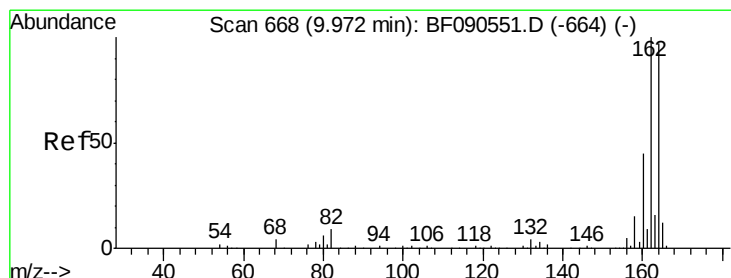
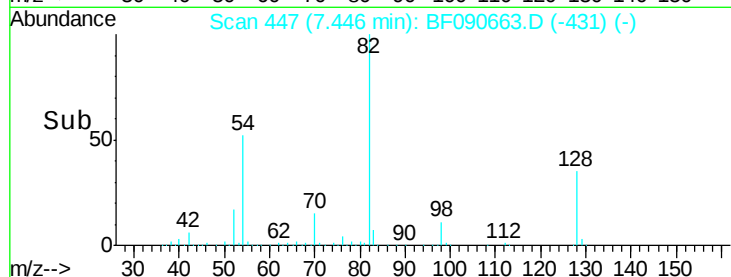
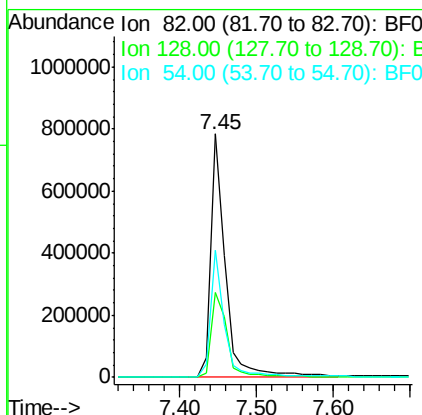
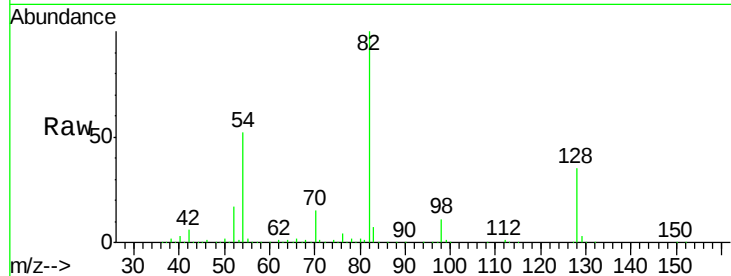




#23
 Nitrobenzene-d5
 Concen: 67.08 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF090663.D
 Acq: 19 Oct 2016 22:23

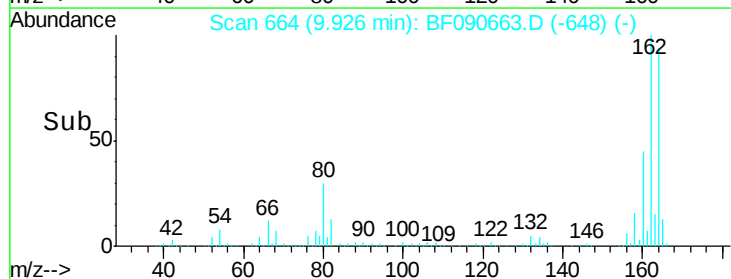
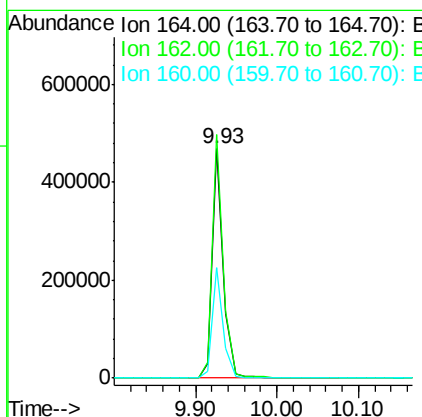
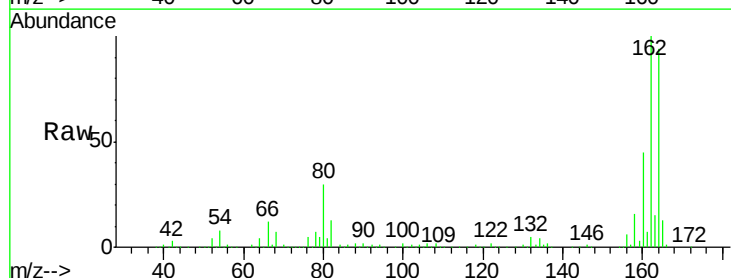
Instrument :
 BNA_F
 ClientSampleId :
 101816-07

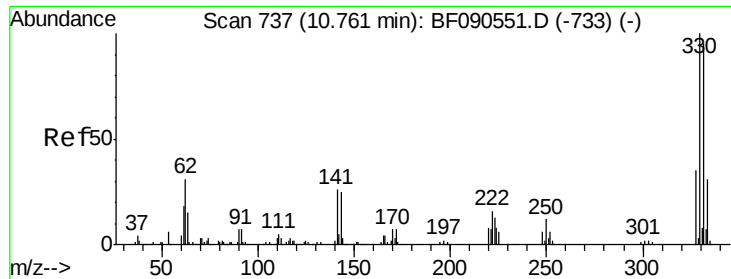
Tgt Ion: 82 Resp: 1038908
 Ion Ratio Lower Upper
 82 100
 128 34.7 34.3 51.5
 54 52.2 37.0 55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF090663.D
 Acq: 19 Oct 2016 22:23

Tgt Ion:164 Resp: 448611
 Ion Ratio Lower Upper
 164 100
 162 106.1 82.2 123.4
 160 48.1 36.6 55.0

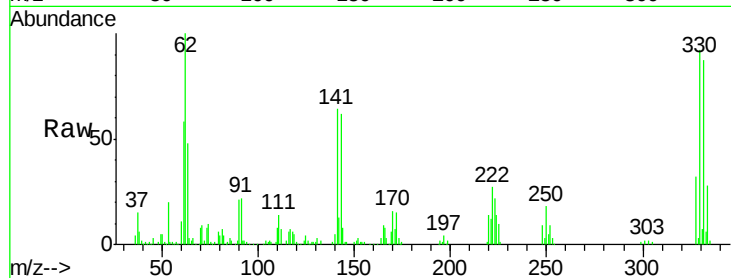




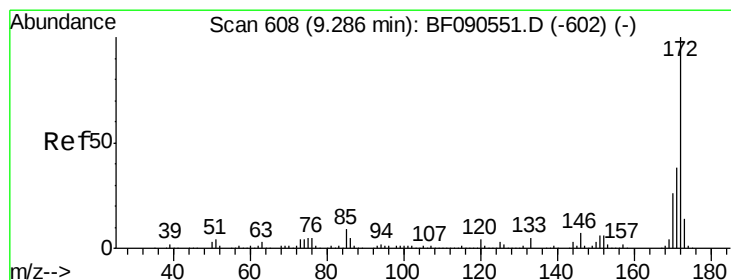
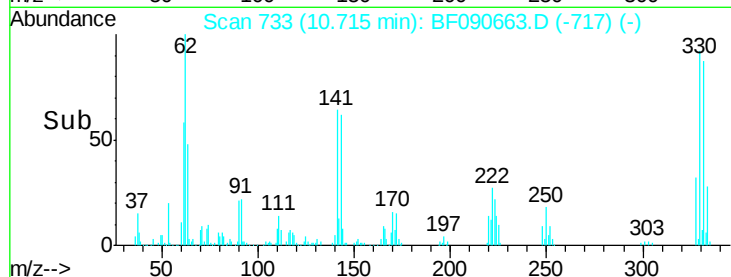
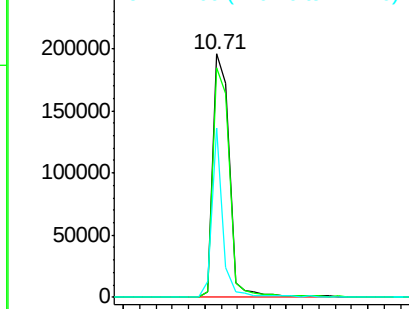
#41
 2,4,6-Tribromophenol
 Concen: 69.76 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF090663.D
 Acq: 19 Oct 2016 22:23

Instrument :
 BNA_F
 ClientSampleId :
 101816-07

Tgt Ion:330 Resp: 279021
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.2 114.2
 141 46.2 31.4 47.2

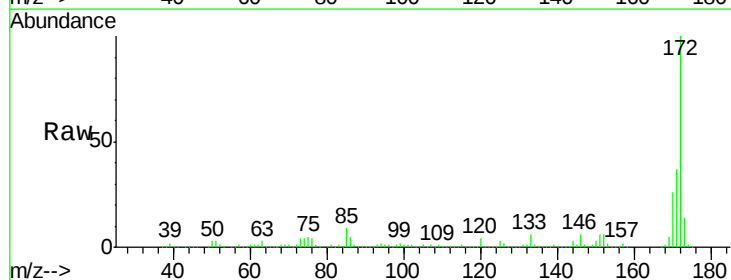


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

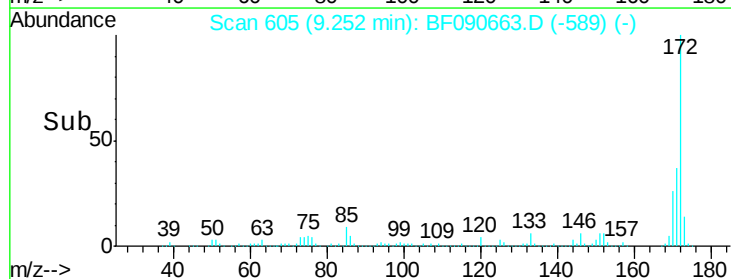
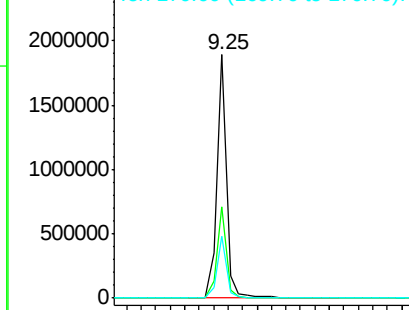


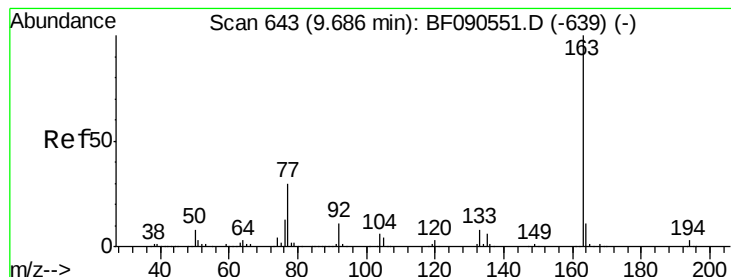
#44
 2-Fluorobiphenyl
 Concen: 64.72 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090663.D
 Acq: 19 Oct 2016 22:23

Tgt Ion:172 Resp: 1762075
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.1 45.1
 170 25.6 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: 14.31 ng

RT: 9.64 min Scan# 639

Delta R.T. -0.02 min

Lab File: BF090663.D

Acq: 19 Oct 2016 22:23

Instrument :

BNA_F

ClientSampleId :

101816-07

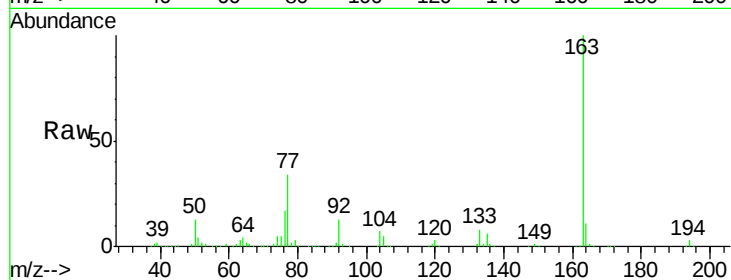
Tgt Ion:163 Resp: 416412

Ion Ratio Lower Upper

163 100

194 2.9 2.3 3.5

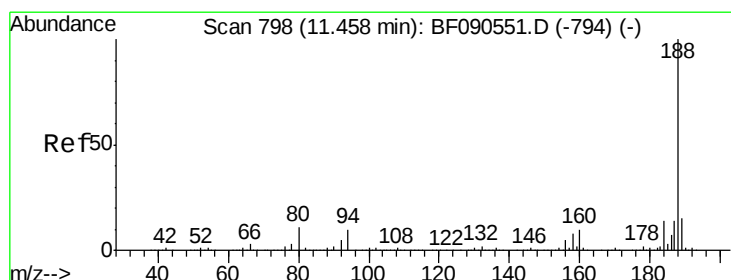
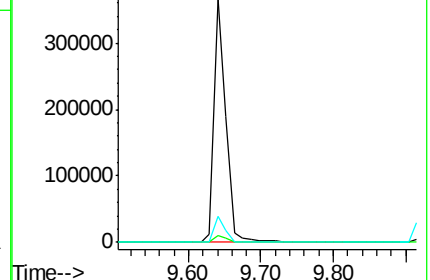
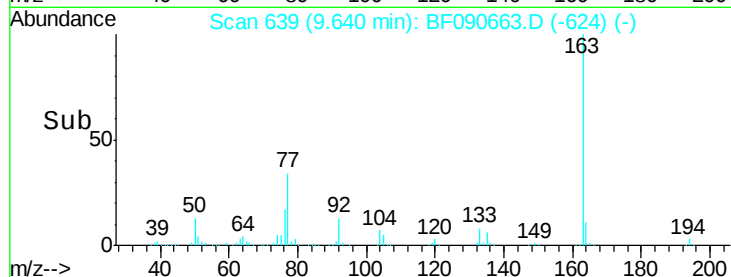
164 10.8 8.6 13.0



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: BF090663.D

Acq: 19 Oct 2016 22:23

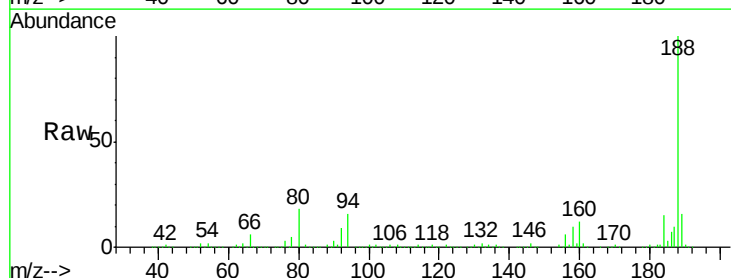
Tgt Ion:188 Resp: 659634

Ion Ratio Lower Upper

188 100

94 15.5 7.7 11.5#

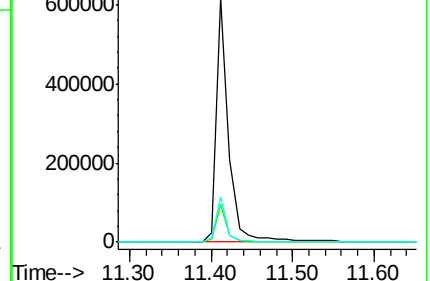
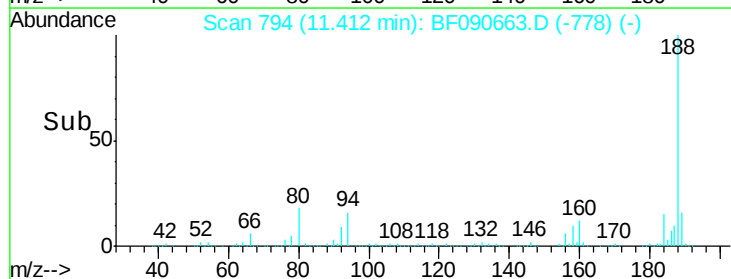
80 18.4 8.6 12.8#

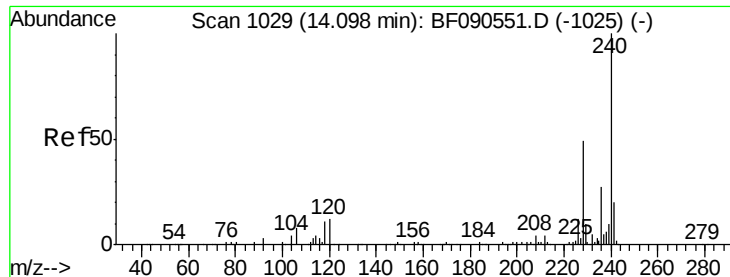


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF090663.D

Acq: 19 Oct 2016 22:23

Instrument :

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101816-07

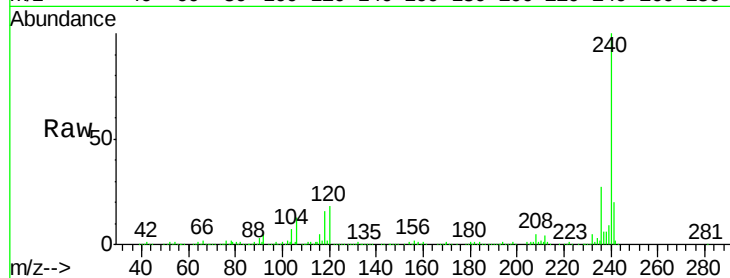
Tgt Ion:240 Resp: 429461

Ion Ratio Lower Upper

240 100

120 18.1 9.8 14.8#

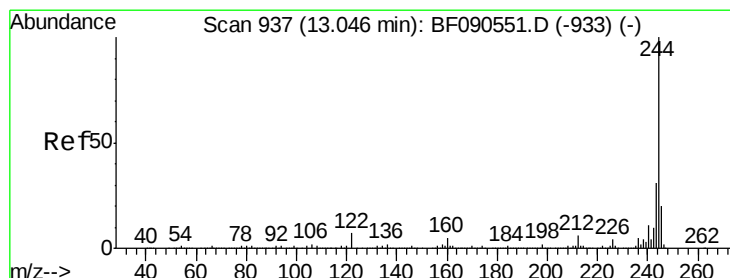
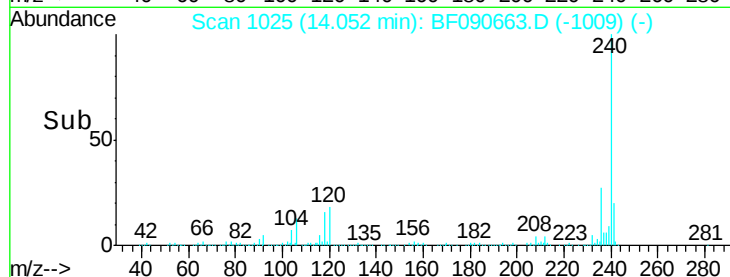
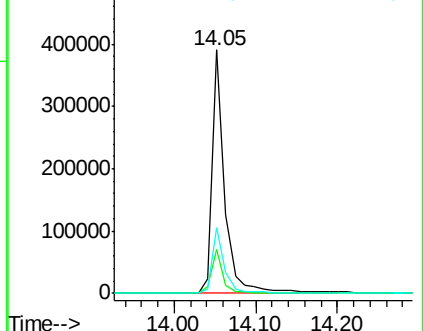
236 27.0 21.7 32.5



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: 71.80 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF090663.D

Acq: 19 Oct 2016 22:23

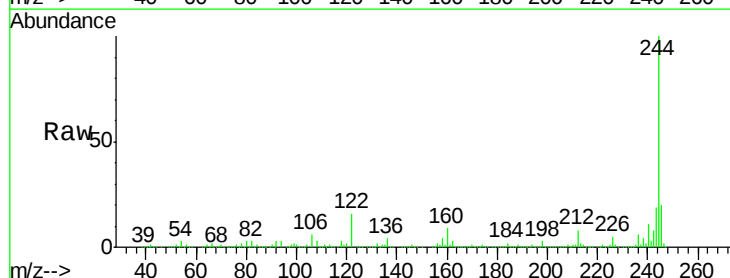
Tgt Ion:244 Resp: 1324344

Ion Ratio Lower Upper

244 100

212 7.9 5.0 7.4#

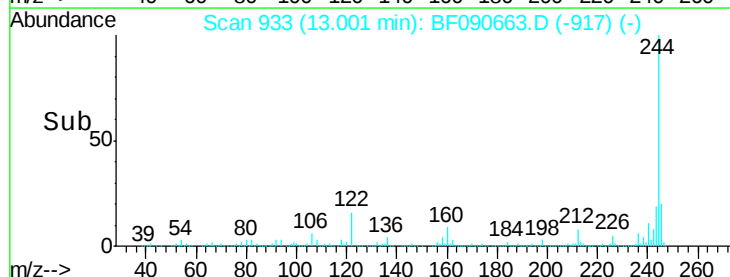
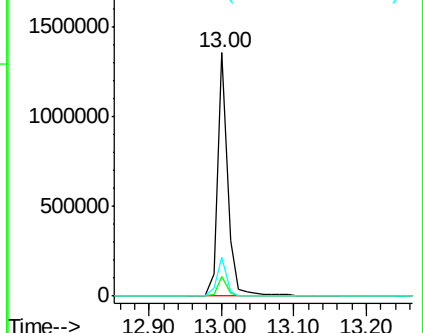
122 15.9 5.6 8.4#

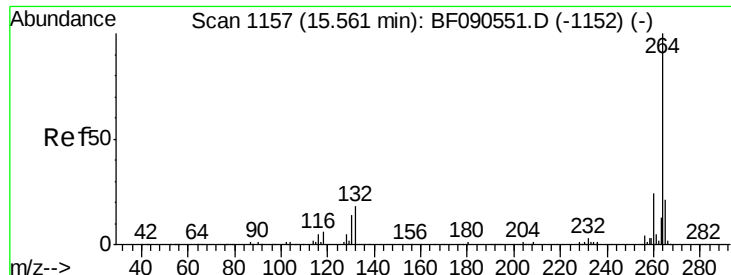


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

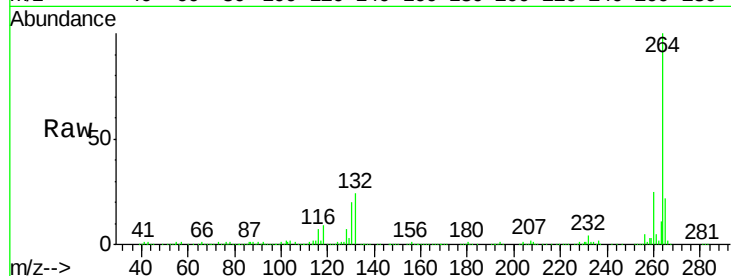




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF090663.D
Acq: 19 Oct 2016 22:23

Instrument :
BNA_F
ClientSampleId :
101816-07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	21.5	16.7	25.1

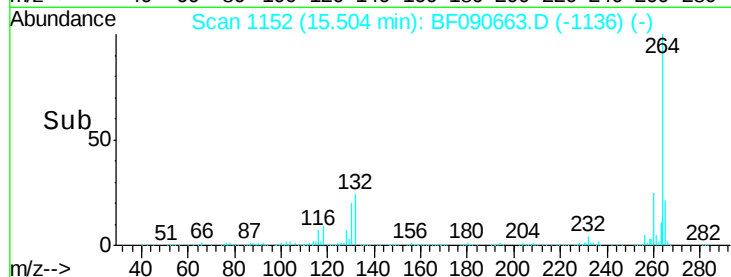
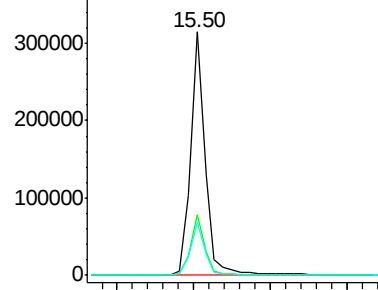


Abundance

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



Time-->