

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085648.D
 Acq On : 22 Mar 2016 5:45
 Operator : UM/SJ
 Sample : H1840-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-12-8.0-9.0

Quant Time: Mar 22 05:06:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

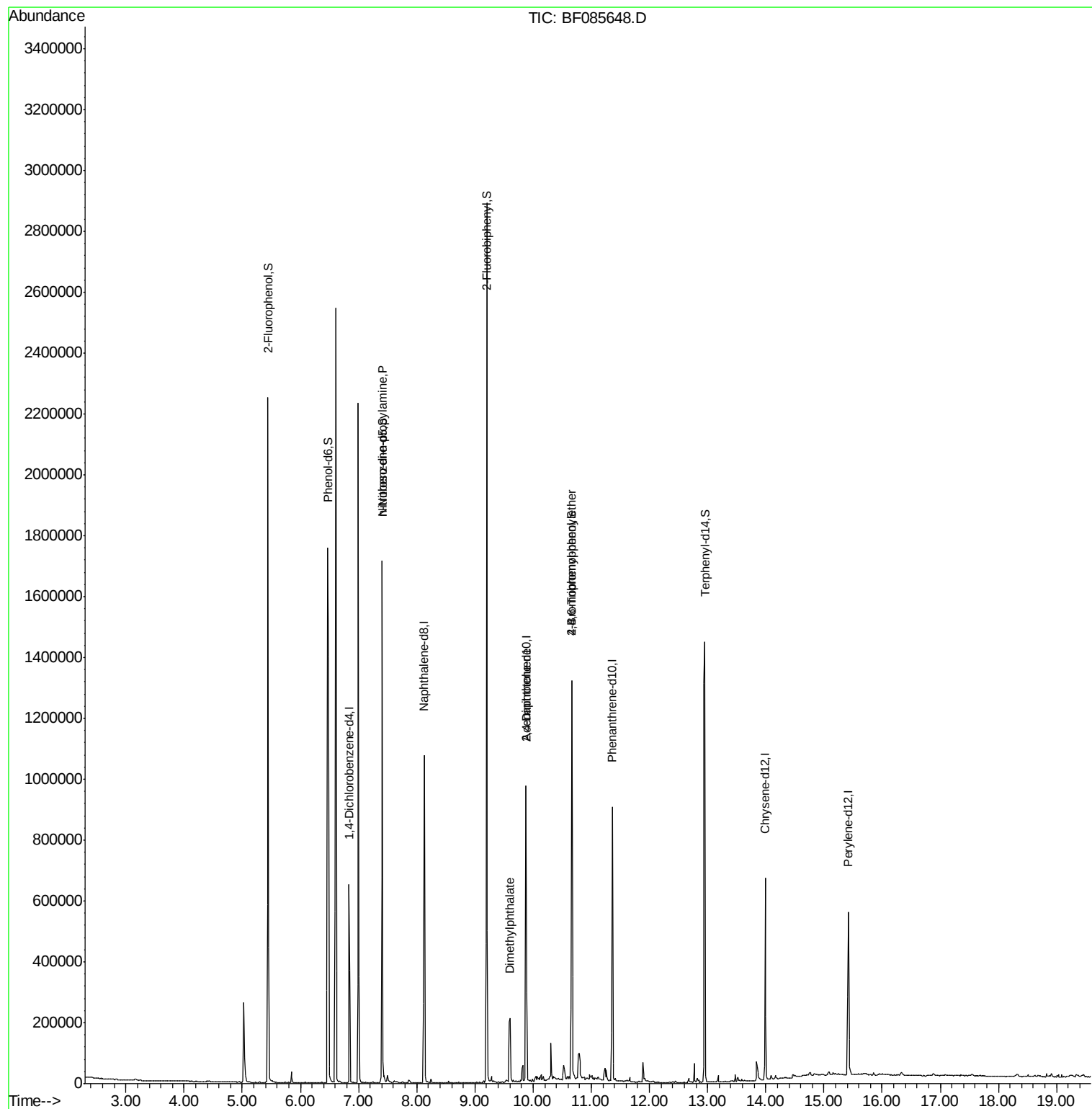
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	118699	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	490290	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	194981	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	308689	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	230433	20.00	ng	-0.02
86) Perylene-d12	15.42	264	238753	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	707339	100.09	ng	-0.01
7) Phenol-d6	6.47	99	975262	107.60	ng	-0.02
23) Nitrobenzene-d5	7.41	82	620905	73.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	162875	85.28	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	913634	78.37	ng	-0.02
78) Terphenyl-d14	12.95	244	654433	68.34	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	83032	15.34	ng	# 78
49) Dimethylphthalate	9.60	163	121321	8.25	ng	97
56) 2,4-Dinitrotoluene	9.88	165	24321	5.98	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	10700	3.47	ng	# 1

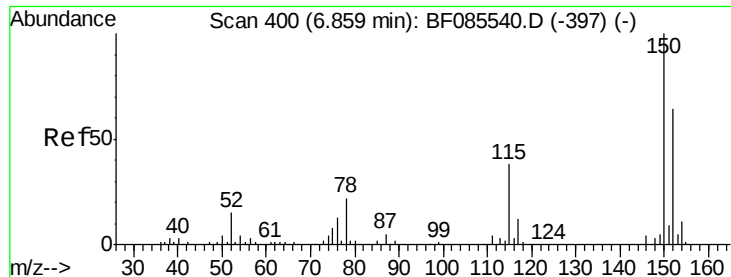
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085648.D

Acq: 22 Mar 2016 5:45

Instrument :

BNA_F

ClientSampleId :

PJ-SB-12-8.0-9.0

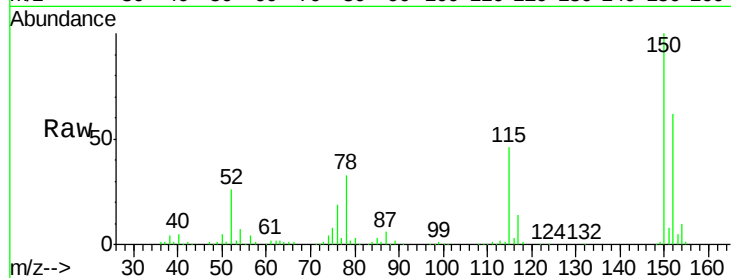
Tgt Ion:152 Resp: 118699

Ion Ratio Lower Upper

152 100

150 160.4 124.2 186.2

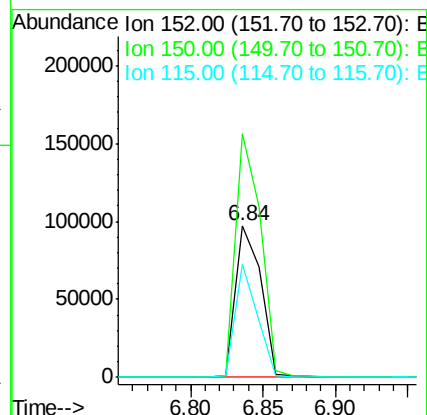
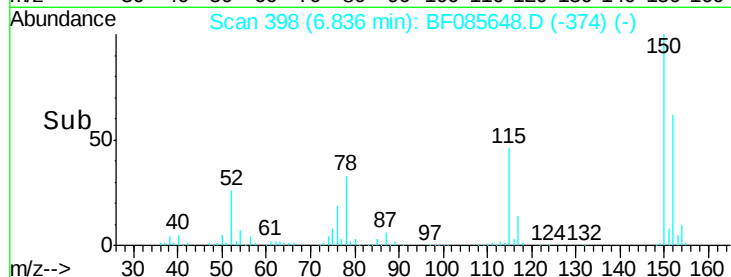
115 74.1 47.0 70.6#



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: 100.09 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085648.D

Acq: 22 Mar 2016 5:45

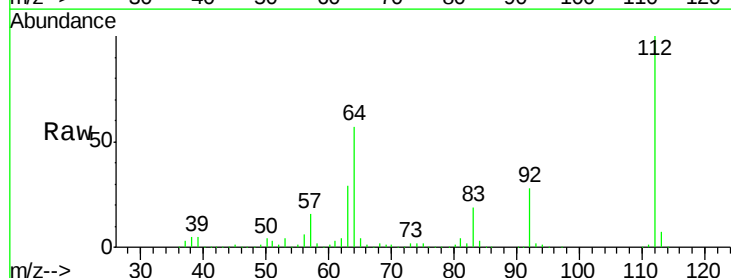
Tgt Ion:112 Resp: 707339

Ion Ratio Lower Upper

112 100

64 56.7 39.9 59.9

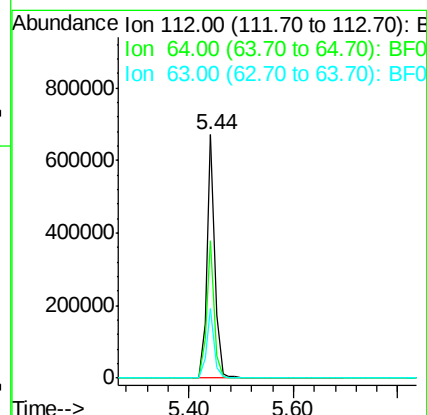
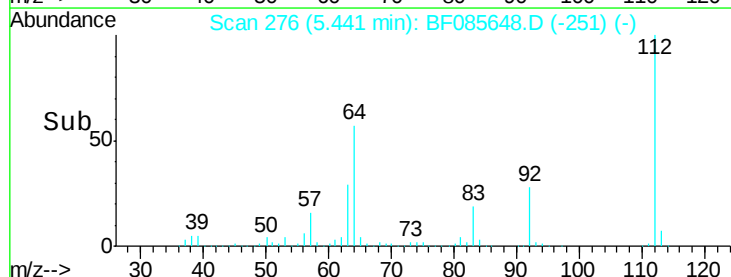
63 28.8 20.2 30.2

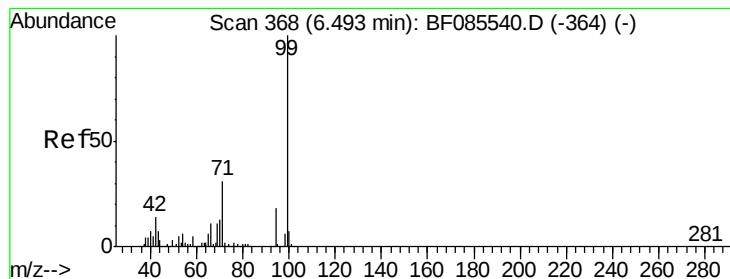


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.60 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085648.D

Acq: 22 Mar 2016 5:45

Instrument :

BNA_F

ClientSampleId :

PJ-SB-12-8.0-9.0

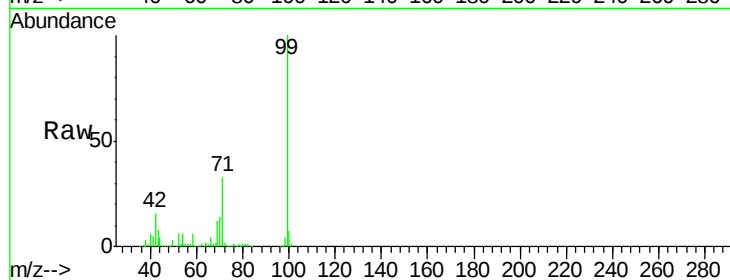
Tgt Ion: 99 Resp: 975262

Ion Ratio Lower Upper

99 100

42 15.8 11.1 16.7

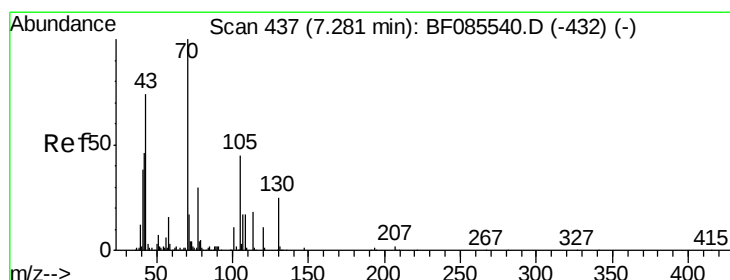
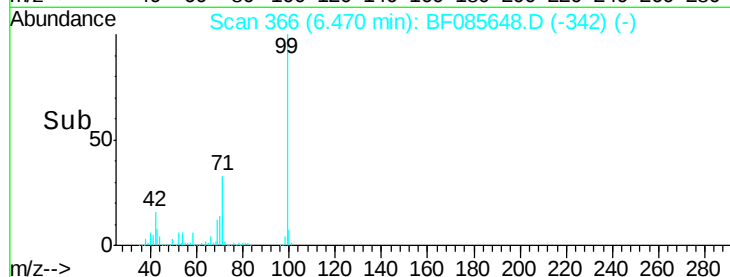
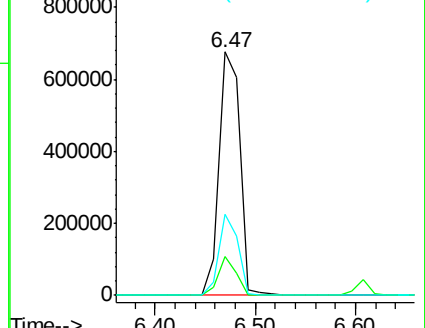
71 33.1 24.9 37.3



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: 15.34 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.13 min

Lab File: BF085648.D

Acq: 22 Mar 2016 5:45

Tgt Ion: 70 Resp: 83032

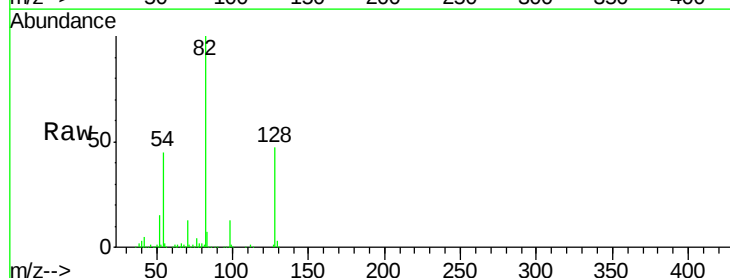
Ion Ratio Lower Upper

70 100

42 40.9 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

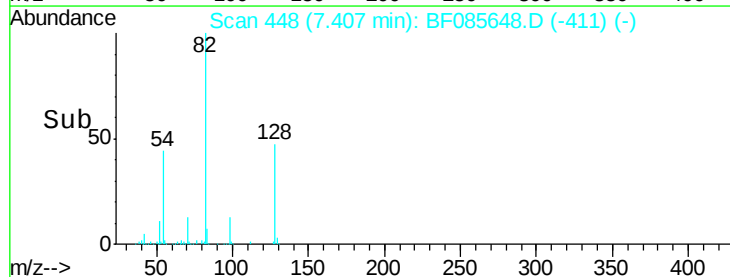
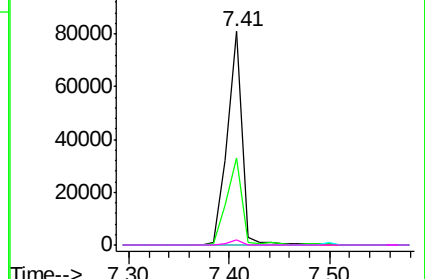


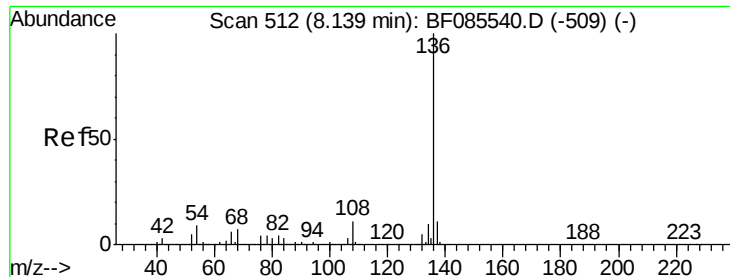
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085648.D

Acq: 22 Mar 2016 5:45

Instrument :

BNA_F

ClientSampleId :

PJ-SB-12-8.0-9.0

Tgt Ion:136 Resp: 490290

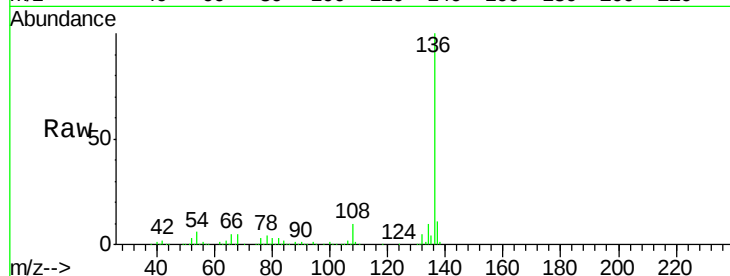
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.4 7.4 11.0#

68 5.4 5.8 8.8#

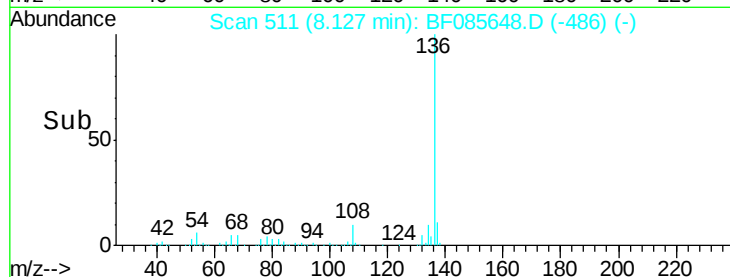


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

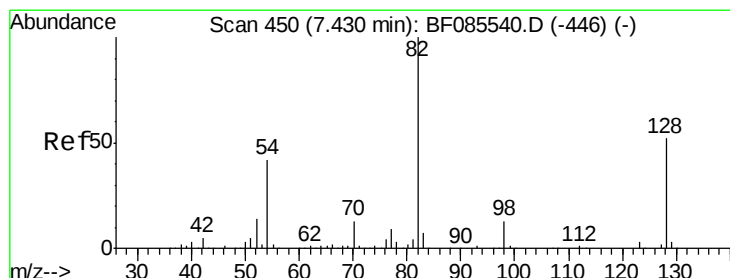
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.13



#23

Nitrobenzene-d5

Concen: 73.51 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF085648.D

Acq: 22 Mar 2016 5:45

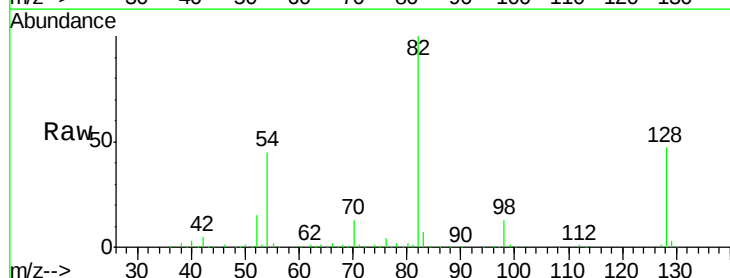
Tgt Ion: 82 Resp: 620905

Ion Ratio Lower Upper

82 100

128 47.1 41.8 62.8

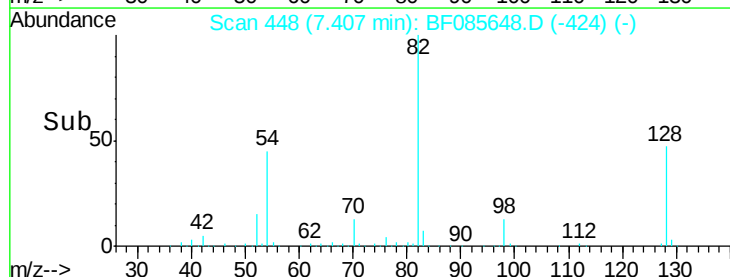
54 45.0 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

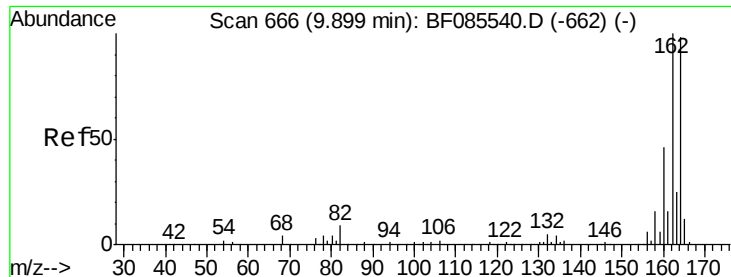
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

7.41



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF085648.D

Acq: 22 Mar 2016 5:45

Instrument :

BNA_F

ClientSampleId :

PJ-SB-12-8.0-9.0

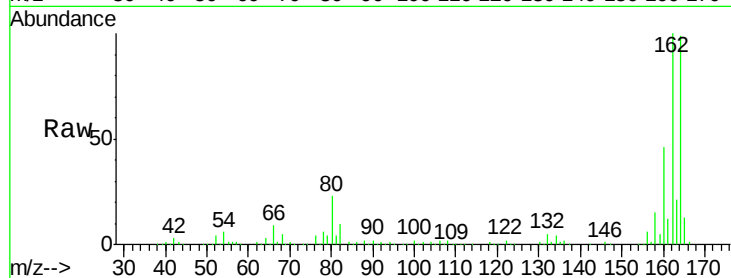
Tgt Ion:164 Resp: 194981

Ion Ratio Lower Upper

164 100

162 101.3 82.1 123.1

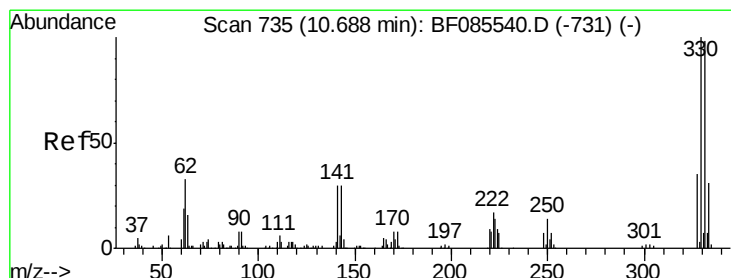
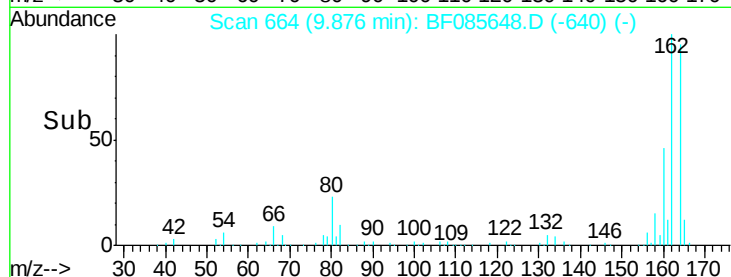
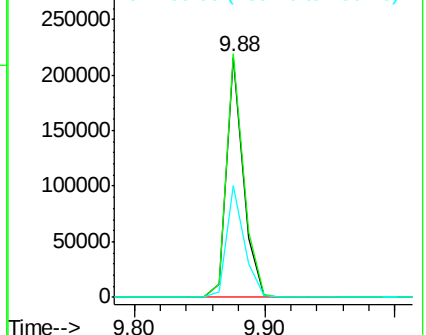
160 46.7 37.4 56.2



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: 85.28 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF085648.D

Acq: 22 Mar 2016 5:45

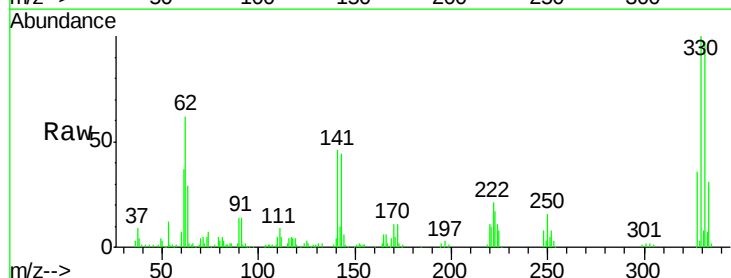
Tgt Ion:330 Resp: 162875

Ion Ratio Lower Upper

330 100

332 97.6 78.2 117.2

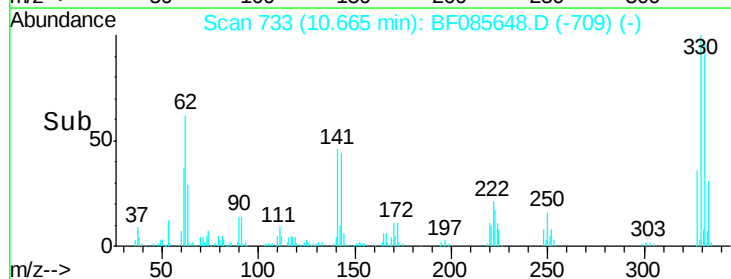
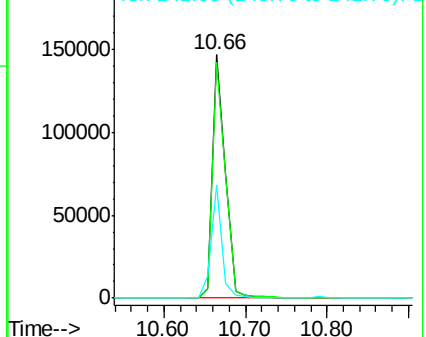
141 39.9 31.5 47.3

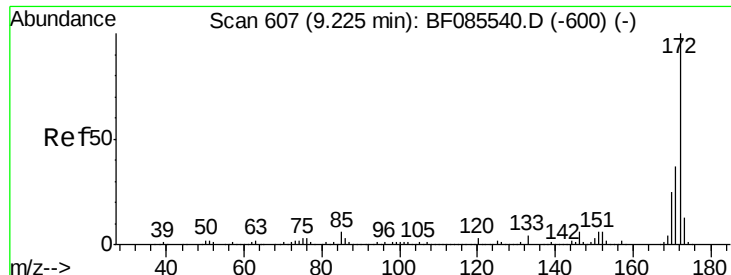


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

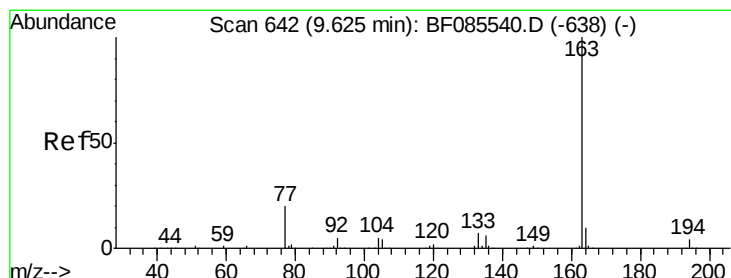
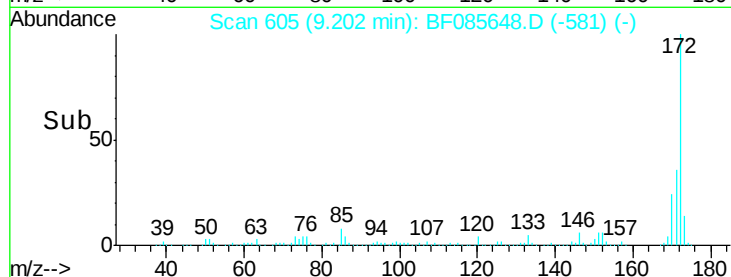
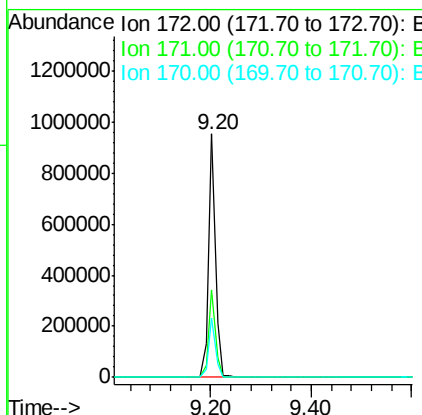
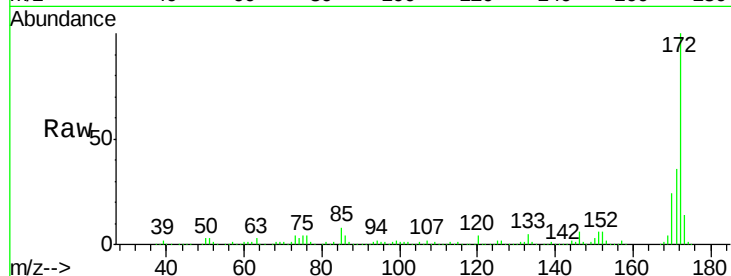




#44
 2-Fluorobiphenyl
 Concen: 78.37 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085648.D
 Acq: 22 Mar 2016 5:45

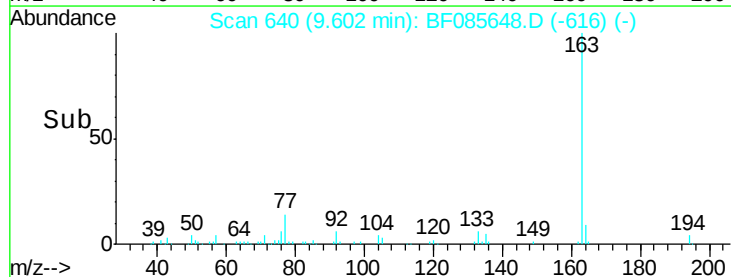
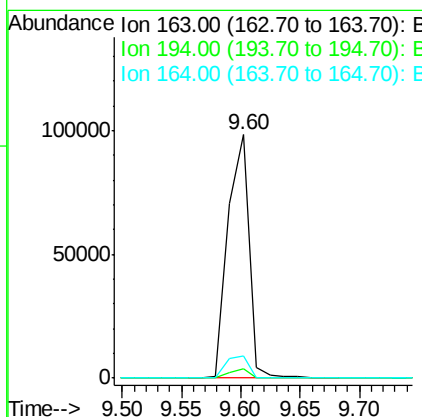
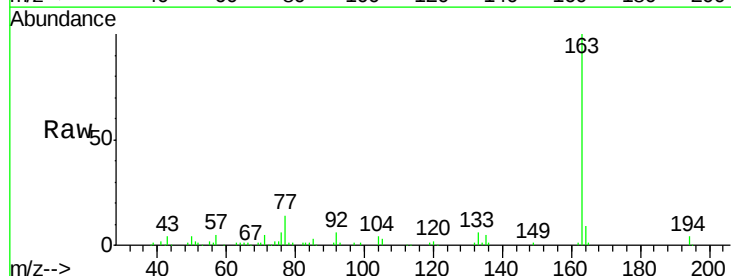
Instrument :
 BNA_F
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 PJ-SB-12-8.0-9.0

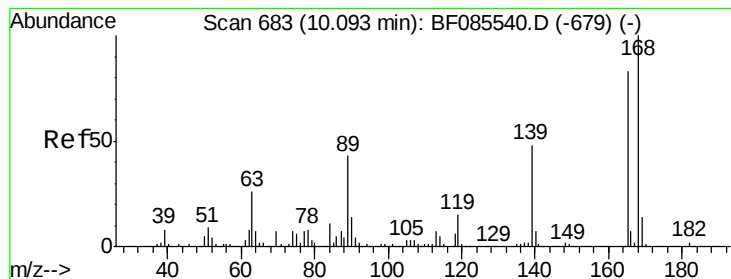
Tgt Ion:172 Resp: 913634
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.2
 170 24.4 19.8 29.6



#49
 Dimethylphthalate
 Concen: 8.25 ng
 RT: 9.60 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF085648.D
 Acq: 22 Mar 2016 5:45

Tgt Ion:163 Resp: 121321
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.9 4.3
 164 9.1 8.3 12.5

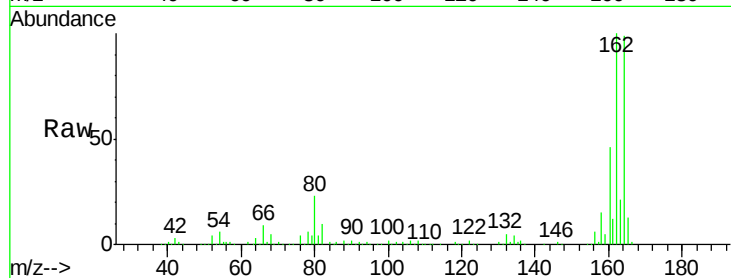




#56
 2,4-Dinitrotoluene
 Concen: 5.98 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.22 min
 Lab File: BF085648.D
 Acq: 22 Mar 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-12-8.0-9.0

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	24.9	37.3#
89	2.0	41.0	61.6#
182	0.0	2.1	3.1#

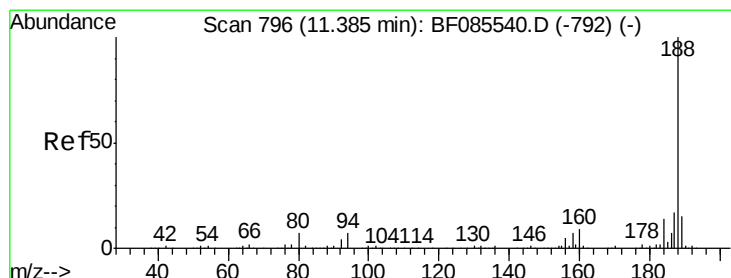
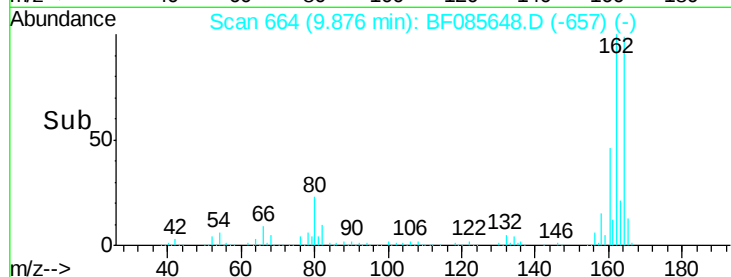
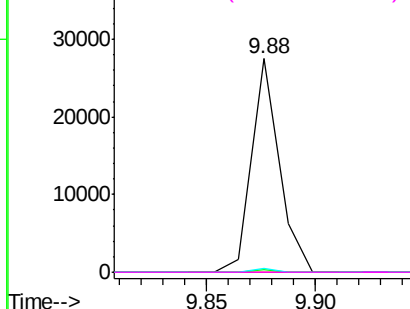


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

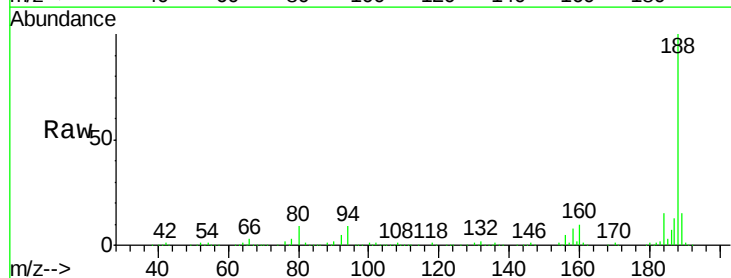
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF085648.D
 Acq: 22 Mar 2016 5:45

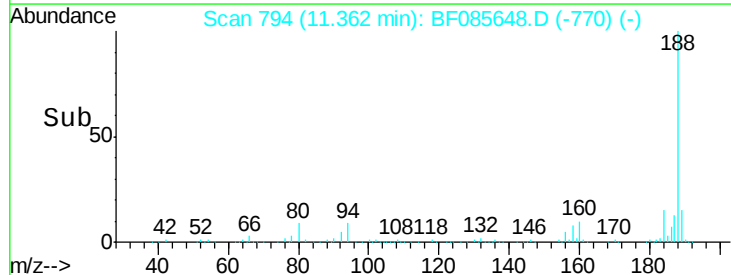
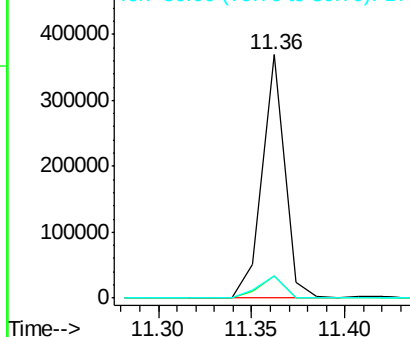
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	5.4	8.0#
80	9.2	5.5	8.3#

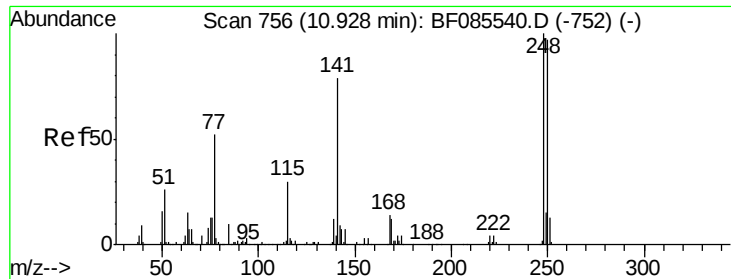


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

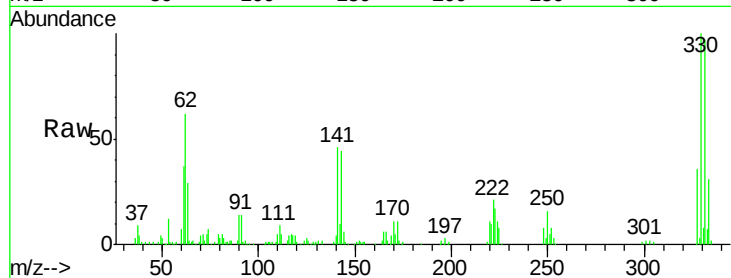




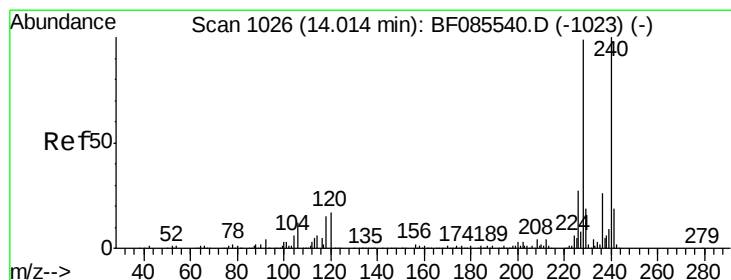
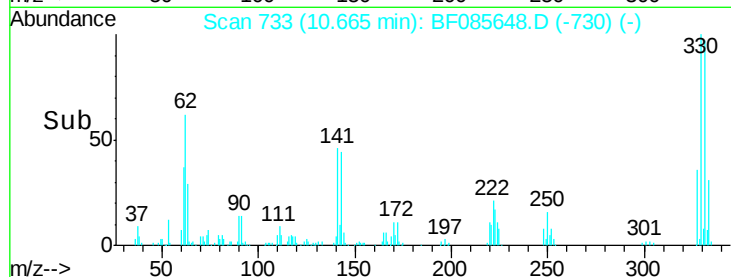
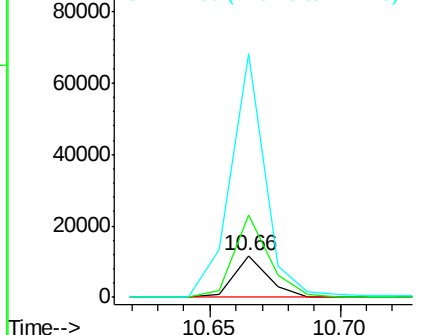
#66
 4-Bromophenyl-phenylether
 Concen: 3.47 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.26 min
 Lab File: BF085648.D
 Acq: 22 Mar 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-12-8.0-9.0

Tgt Ion:248 Resp: 10700
 Ion Ratio Lower Upper
 248 100
 250 197.8 77.4 116.0#
 141 588.6 63.6 95.4#

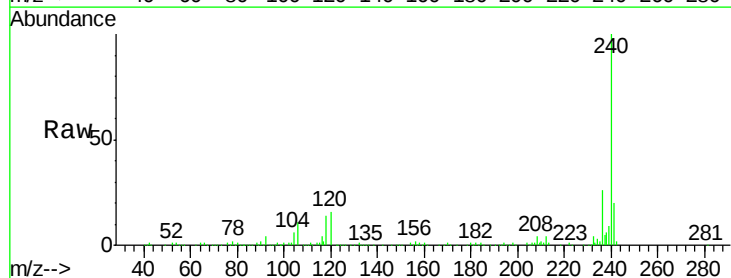


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

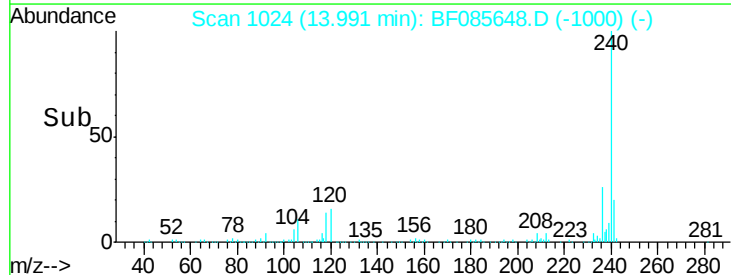
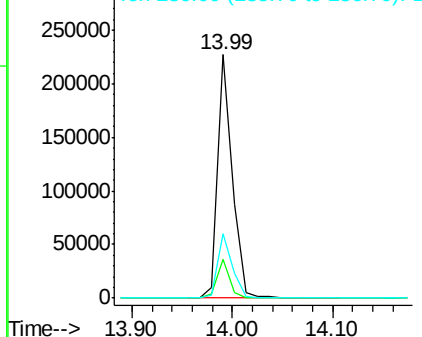


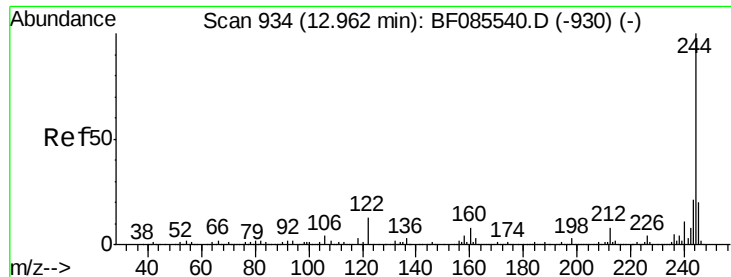
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF085648.D
 Acq: 22 Mar 2016 5:45

Tgt Ion:240 Resp: 230433
 Ion Ratio Lower Upper
 240 100
 120 15.7 13.8 20.8
 236 26.3 20.6 30.8



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

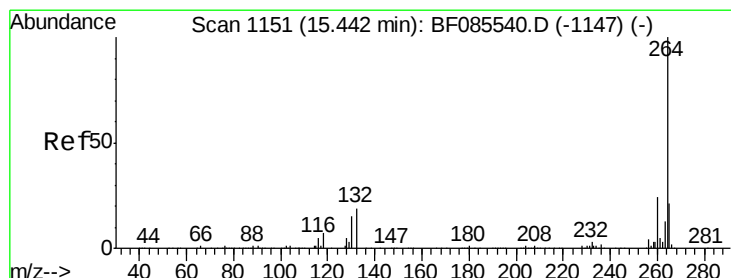
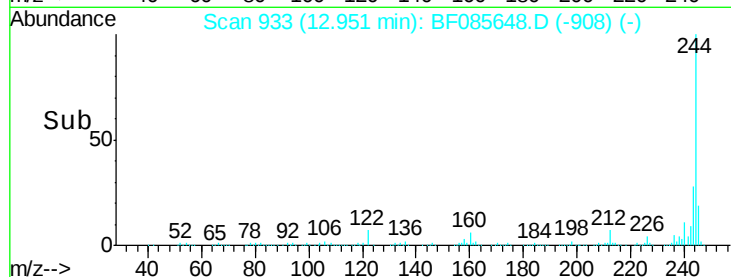
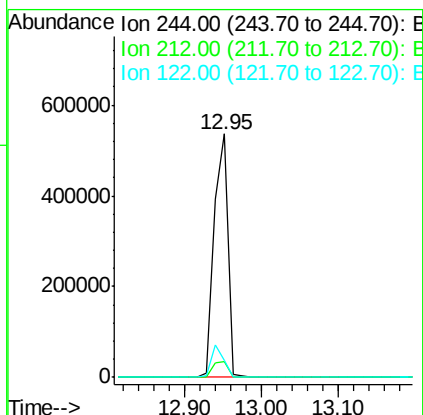
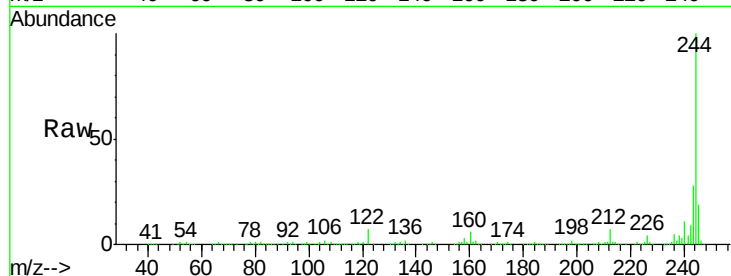




#78
 Terphenyl-d14
 Concen: 68.34 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF085648.D
 Acq: 22 Mar 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-12-8.0-9.0

Tgt Ion:244 Resp: 654433
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 7.0 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085648.D
 Acq: 22 Mar 2016 5:45

Tgt Ion:264 Resp: 238753
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.6 17.2 25.8

