

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085618.D
 Acq On : 21 Mar 2016 13:20
 Operator : UM/SJ
 Sample : PB89054BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89054BL

Quant Time: Mar 22 00:00:31 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

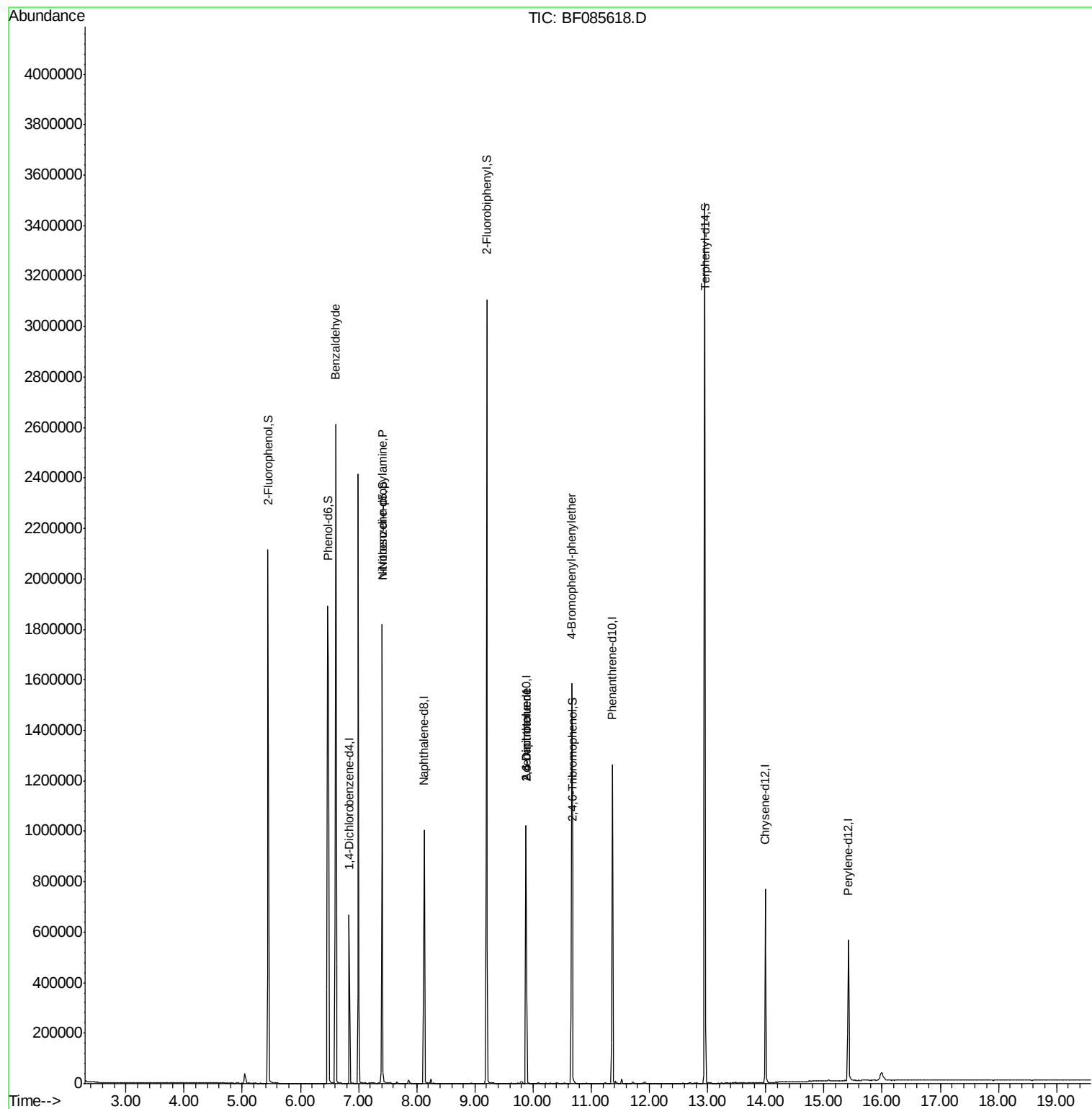
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	117647	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	505721	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	220198	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	438085	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	340159	20.00	ng	-0.02
86) Perylene-d12	15.42	264	242837	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	797286	113.83	ng	-0.01
7) Phenol-d6	6.47	99	1071670	119.30	ng	-0.02
23) Nitrobenzene-d5	7.41	82	702233	80.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	257531	119.39	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1072959	82.50	ng	-0.02
78) Terphenyl-d14	12.95	244	1115516	78.91	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	17728	2.04	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.41	70	91333	17.02	ng	# 76
50) 2,6-Dinitrotoluene	9.88	165	27101	7.73	ng	# 19
56) 2,4-Dinitrotoluene	9.88	165	27103	5.90	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	16681	3.81	ng	# 1

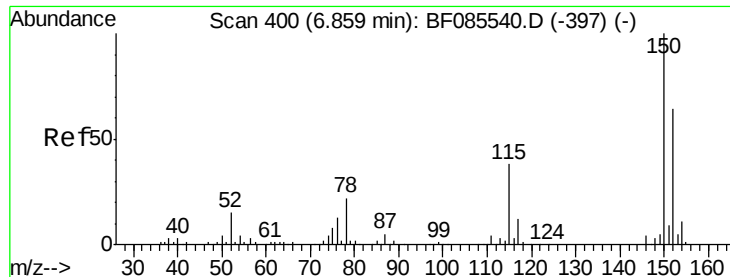
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085618.D

Acq: 21 Mar 2016 13:20

Instrument :

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ClientSampleId :

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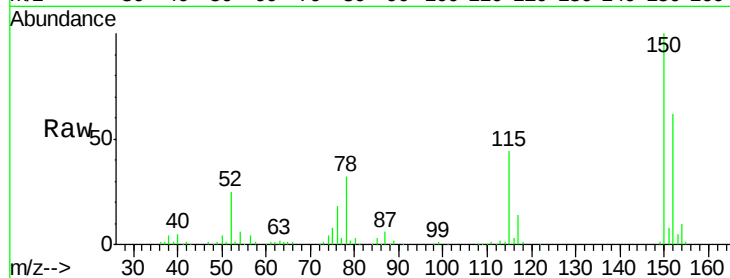
Tgt Ion:152 Resp: 117647

Ion Ratio Lower Upper

152 100

150 161.5 124.2 186.2

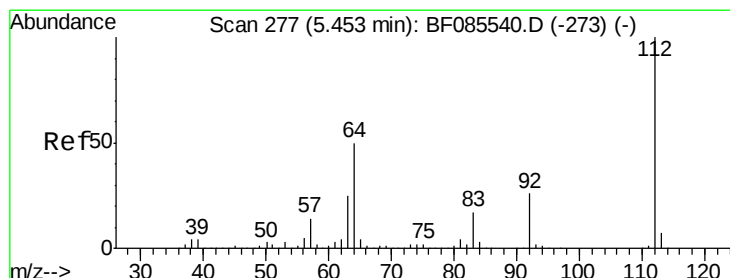
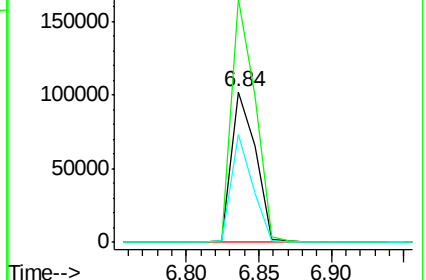
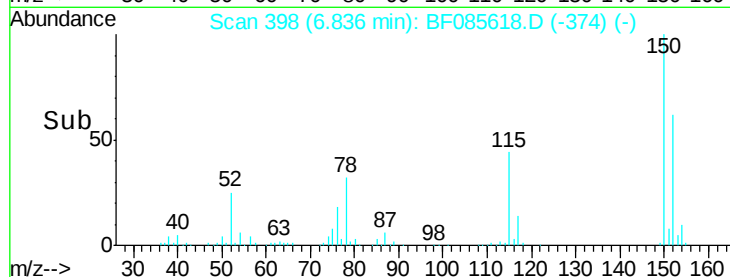
115 71.6 47.0 70.6#



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: 113.83 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085618.D

Acq: 21 Mar 2016 13:20

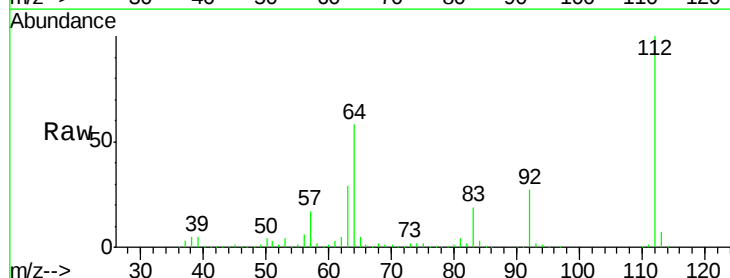
Tgt Ion:112 Resp: 797286

Ion Ratio Lower Upper

112 100

64 57.7 39.9 59.9

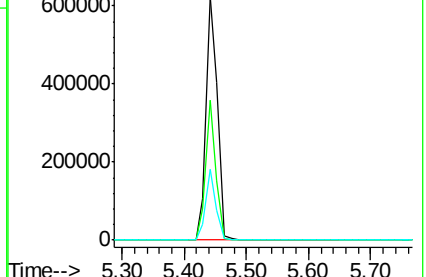
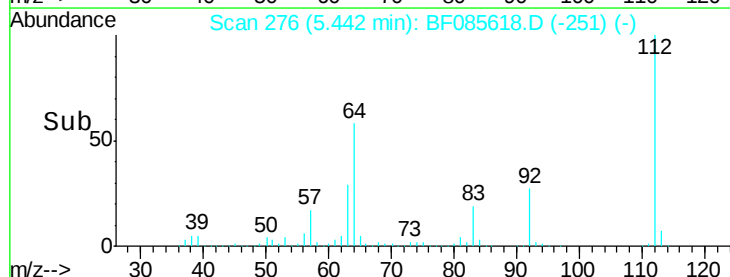
63 29.3 20.2 30.2

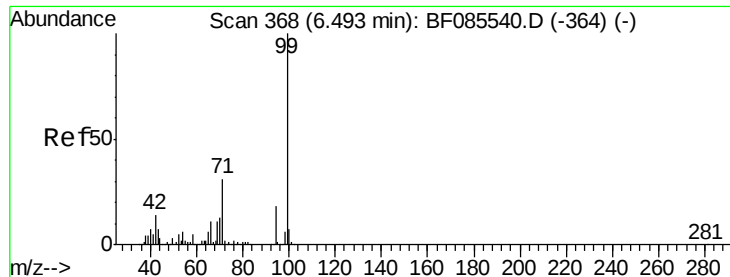


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.30 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085618.D

Acq: 21 Mar 2016 13:20

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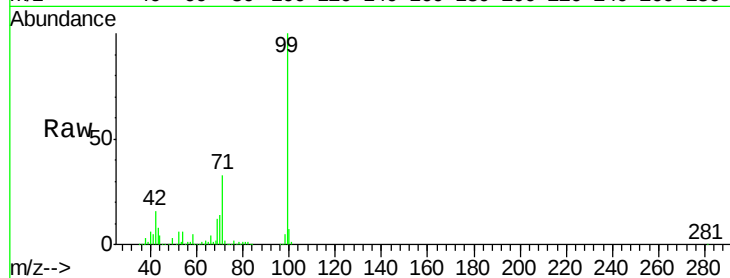
Tgt Ion: 99 Resp: 1071670

Ion Ratio Lower Upper

99 100

42 15.6 11.1 16.7

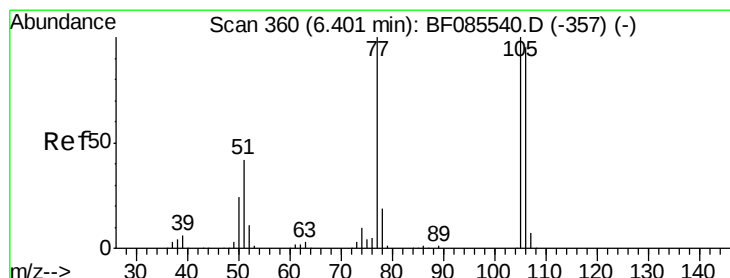
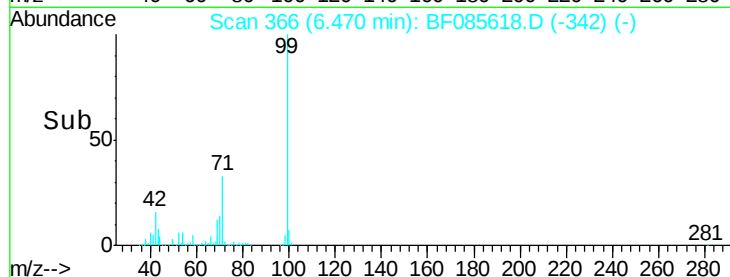
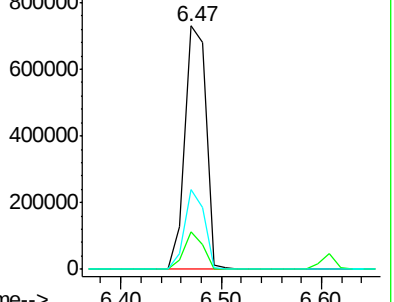
71 33.0 24.9 37.3



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



#9

Benzaldehyde

Concen: 2.04 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.21 min

Lab File: BF085618.D

Acq: 21 Mar 2016 13:20

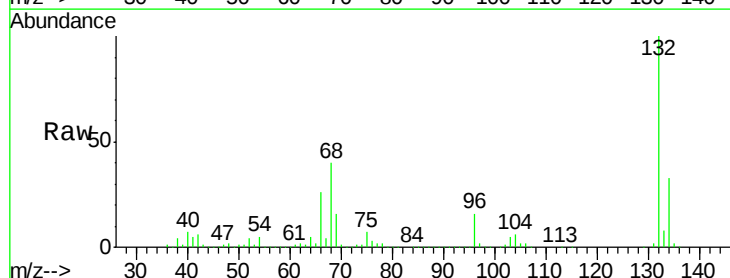
Tgt Ion: 77 Resp: 17728

Ion Ratio Lower Upper

77 100

105 82.0 80.1 120.1

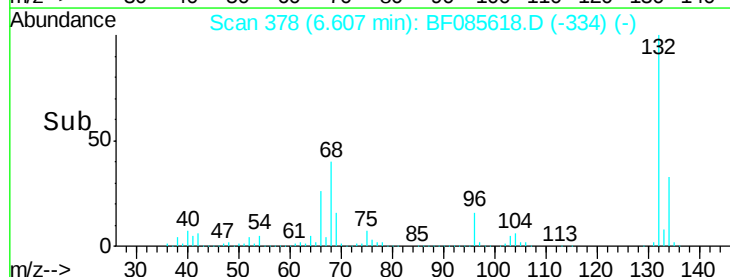
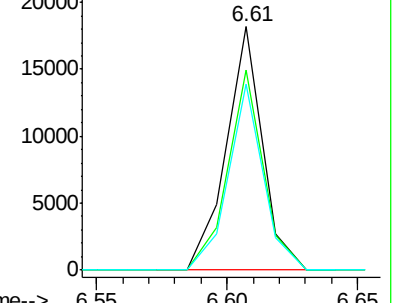
106 76.5 75.0 115.0

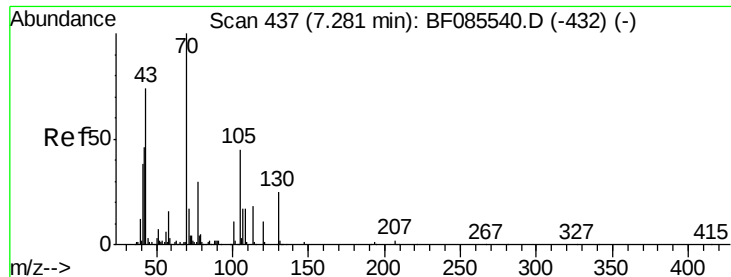


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

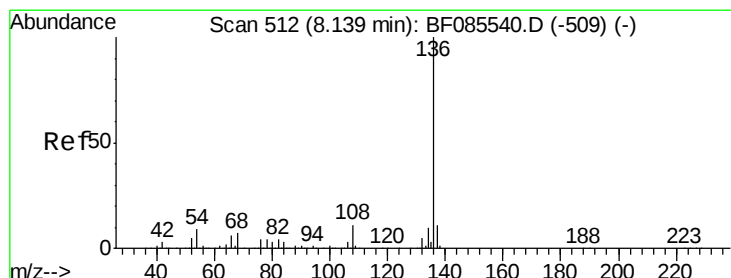
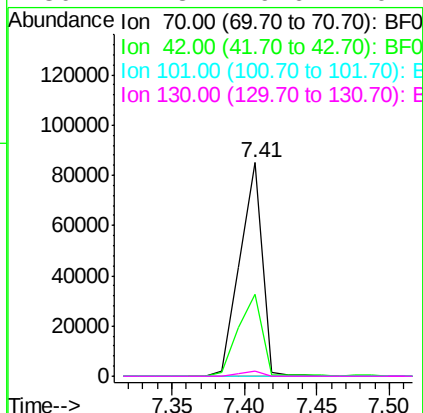
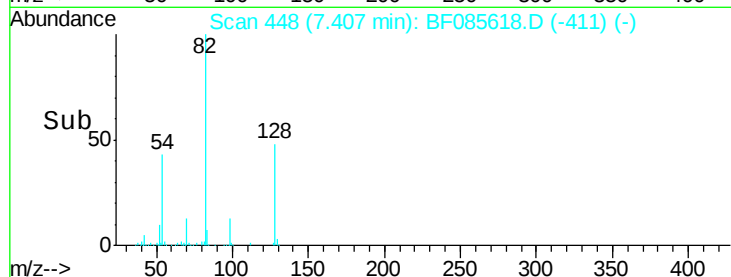
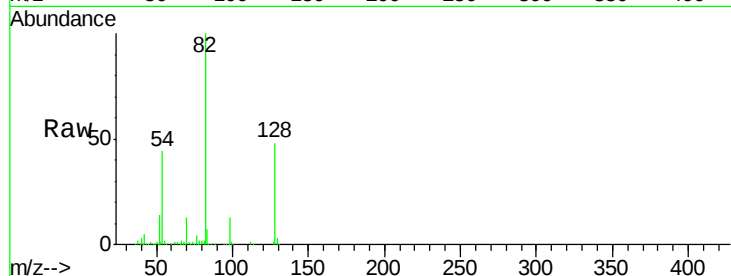




#19
n-Nitroso-di-n-propylamine
Concen: 17.02 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.13 min
Lab File: BF085618.D
Acq: 21 Mar 2016 13:20

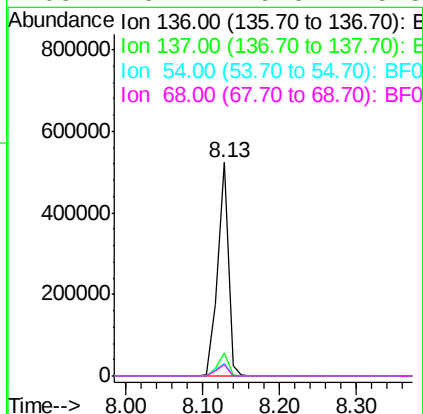
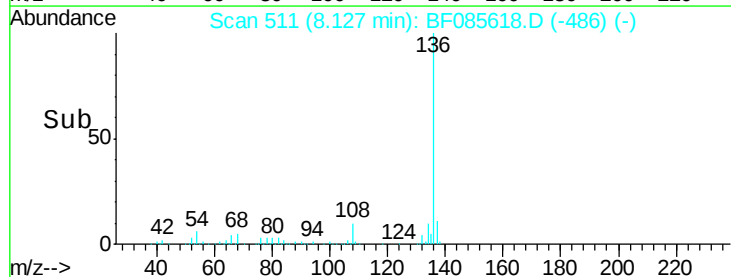
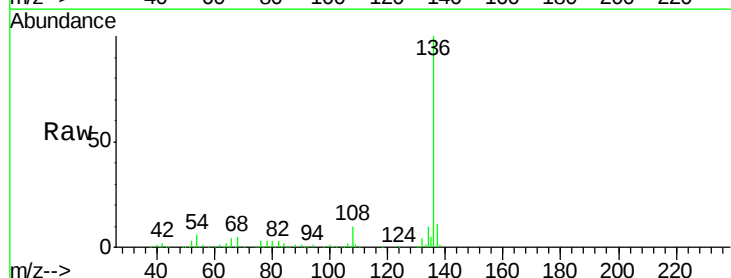
Instrument :
BNA_F
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PB89054BL

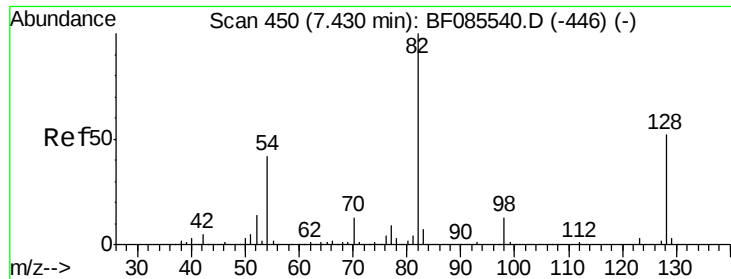
Tgt Ion: 70 Resp: 91333
Ion Ratio Lower Upper
70 100
42 38.1 37.1 55.7
101 0.0 8.6 12.8#
130 2.3 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085618.D
Acq: 21 Mar 2016 13:20

Tgt Ion: 136 Resp: 505721
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 5.8 7.4 11.0#
68 5.2 5.8 8.8#

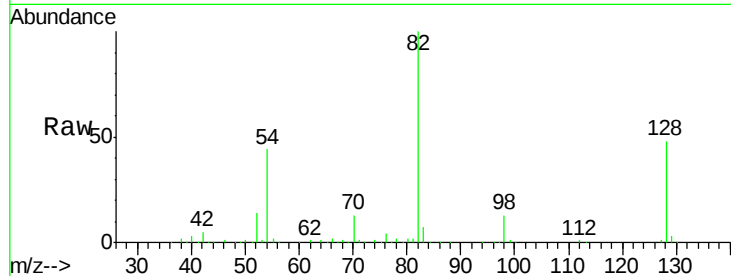




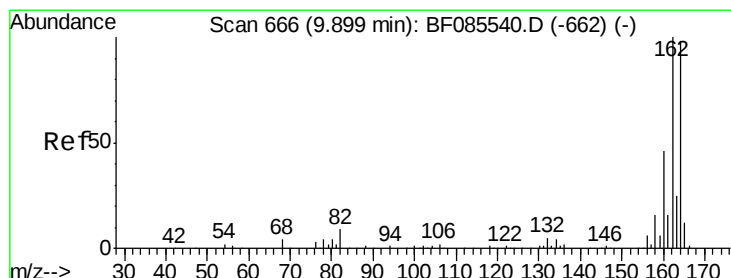
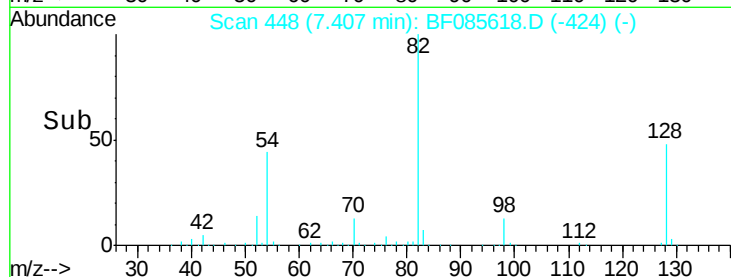
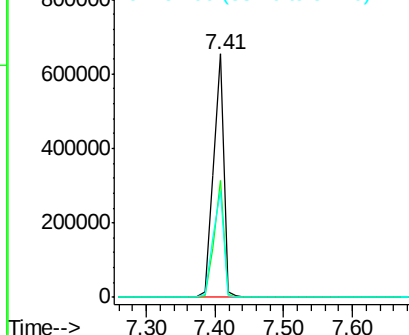
#23
 Nitrobenzene-d5
 Concen: 80.60 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF085618.D
 Acq: 21 Mar 2016 13:20

Instrument :
 BNA_F
 ClientSampled :
 PB89054BL

Tgt Ion: 82 Resp: 702233
 Ion Ratio Lower Upper
 82 100
 128 47.8 41.8 62.8
 54 43.6 33.4 50.0

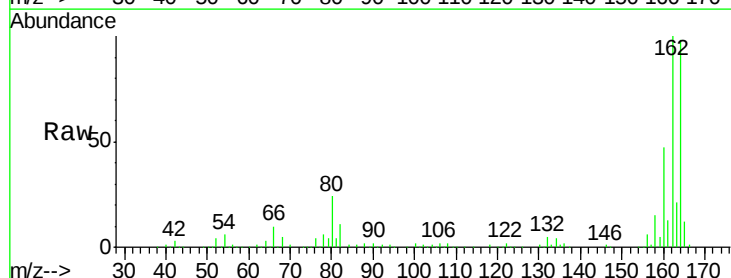


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

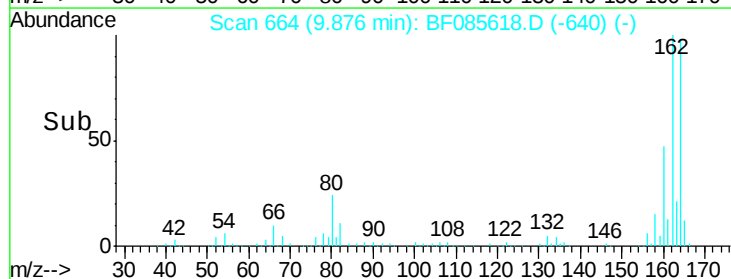
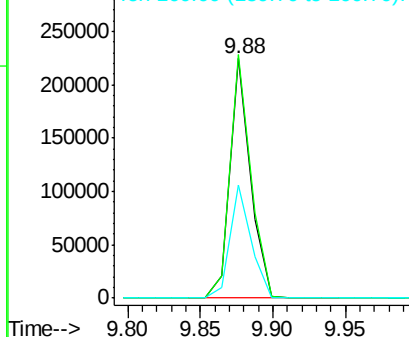


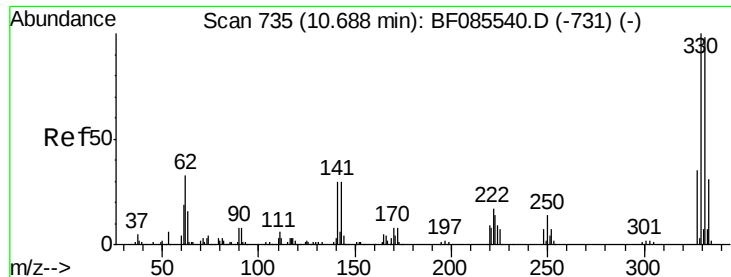
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.02 min
 Lab File: BF085618.D
 Acq: 21 Mar 2016 13:20

Tgt Ion: 164 Resp: 220198
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.1 123.1
 160 47.4 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

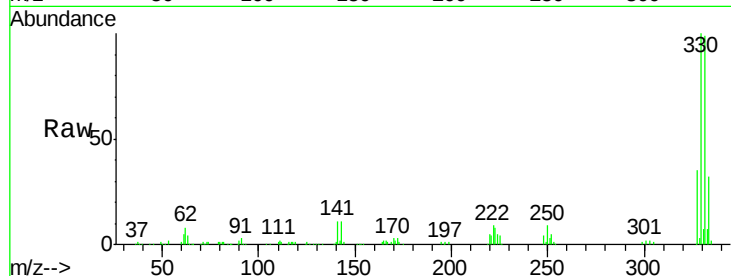




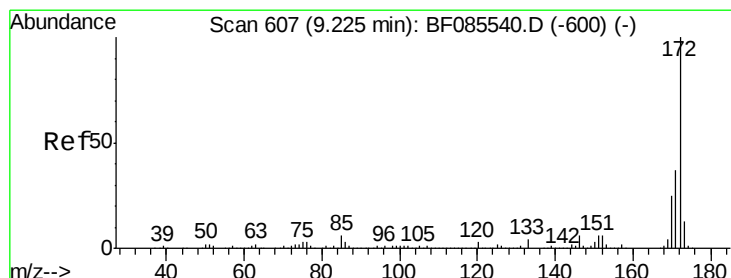
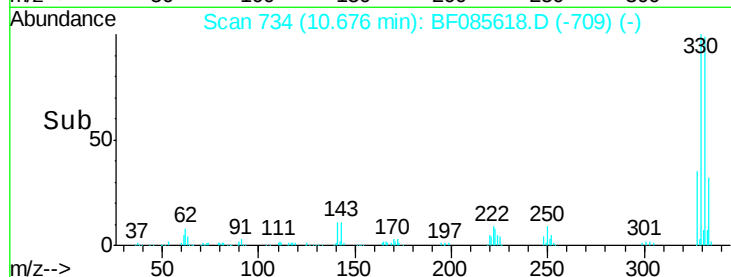
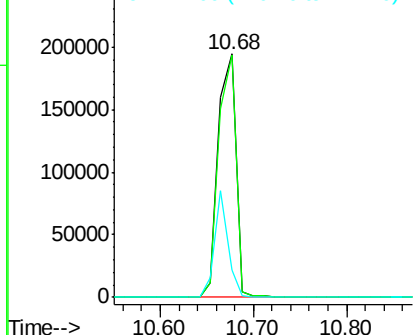
#41
 2,4,6-Tribromophenol
 Concen: 119.39 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085618.D
 Acq: 21 Mar 2016 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB89054BL

Tgt Ion:330 Resp: 257531
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.2 117.2
 141 33.6 31.5 47.3

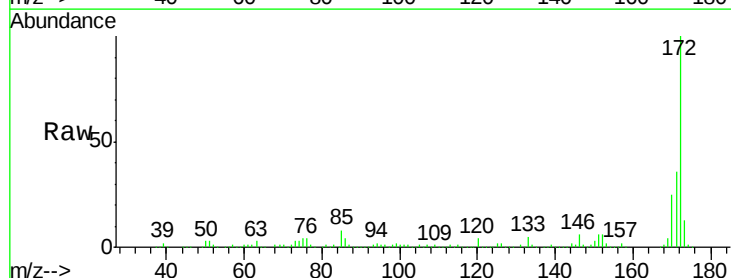


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

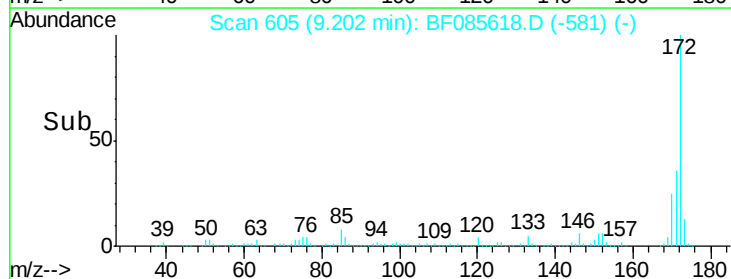
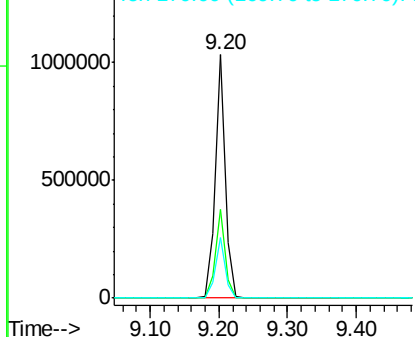


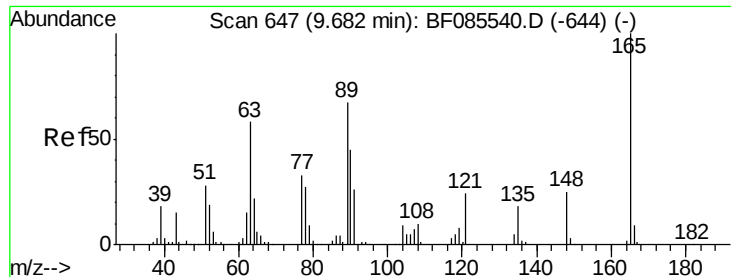
#44
 2-Fluorobiphenyl
 Concen: 82.50 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085618.D
 Acq: 21 Mar 2016 13:20

Tgt Ion:172 Resp: 1072959
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.7 19.8 29.6



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: 7.73 ng

RT: 9.88 min Scan# 664

Delta R.T. 0.19 min

Lab File: BF085618.D

Acq: 21 Mar 2016 13:20

Instrument :

BNA_F

ClientSampleId :

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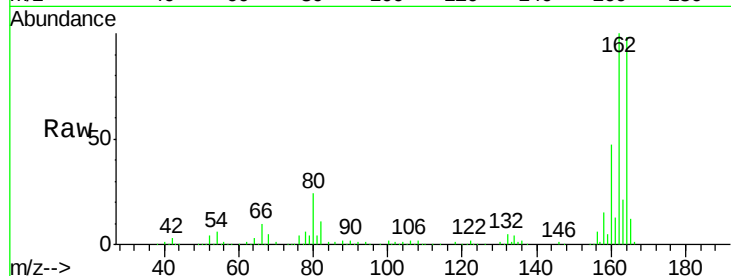
Tgt Ion:165 Resp: 27101

Ion Ratio Lower Upper

165 100

63 1.1 51.8 77.8#

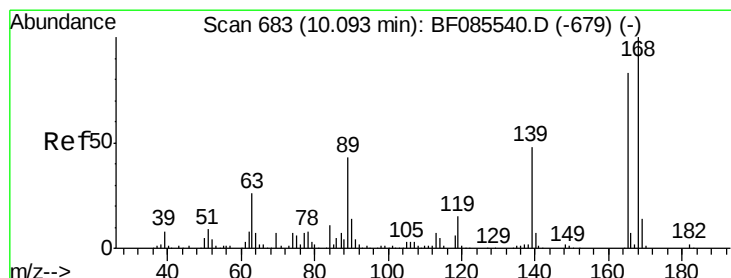
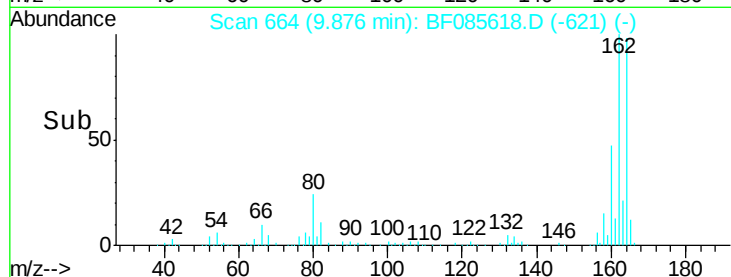
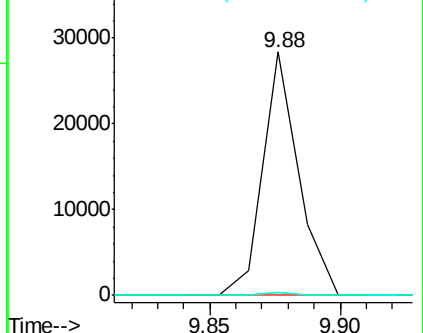
89 1.4 53.7 80.5#



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: 5.90 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.22 min

Lab File: BF085618.D

Acq: 21 Mar 2016 13:20

Tgt Ion:165 Resp: 27103

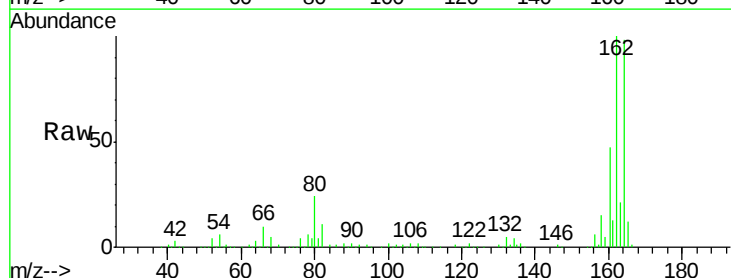
Ion Ratio Lower Upper

165 100

63 1.1 24.9 37.3#

89 1.4 41.0 61.6#

182 0.0 2.1 3.1#

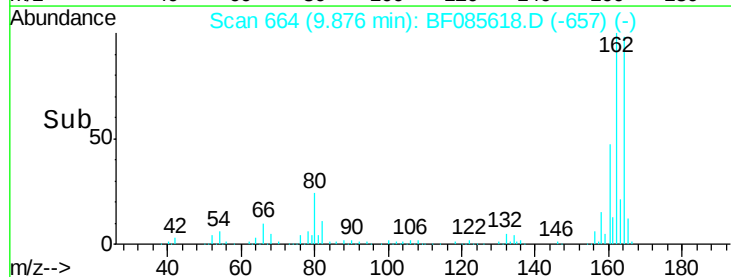
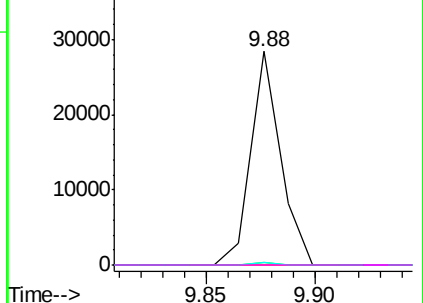


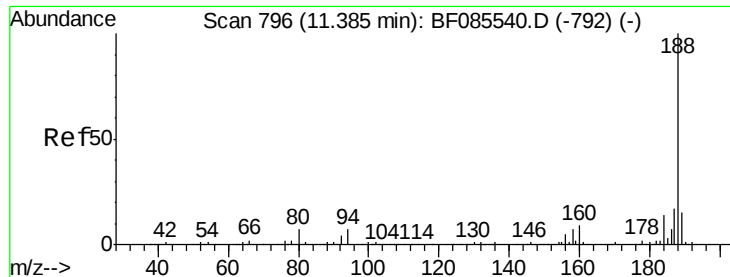
Abundance Ion 165.00 (164.70 to 165.70): E

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

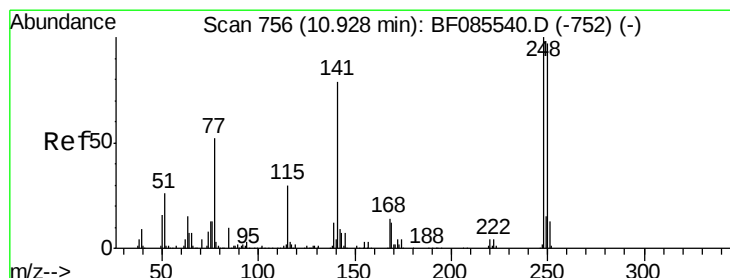
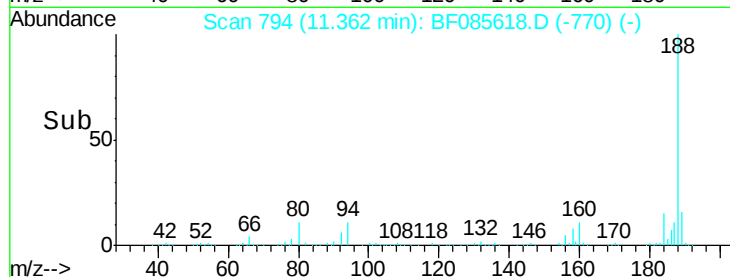
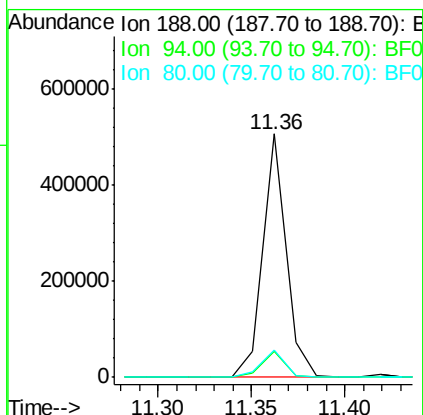
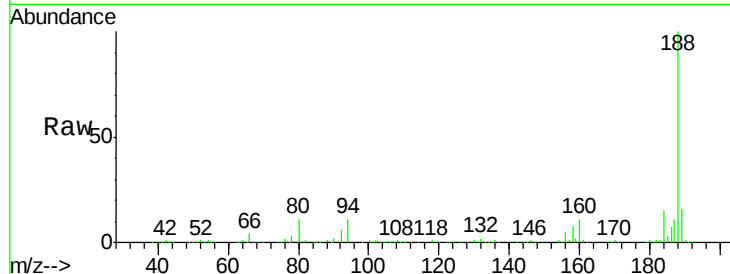




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF085618.D
 Acq: 21 Mar 2016 13:20

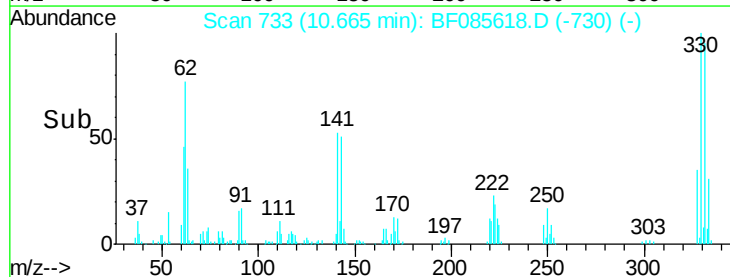
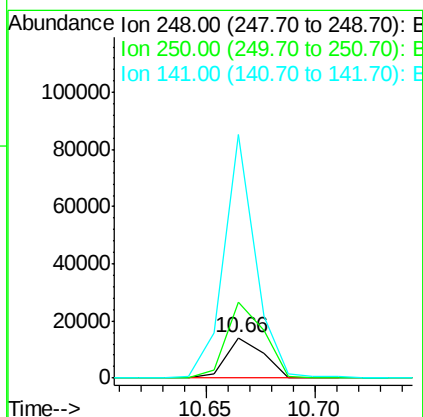
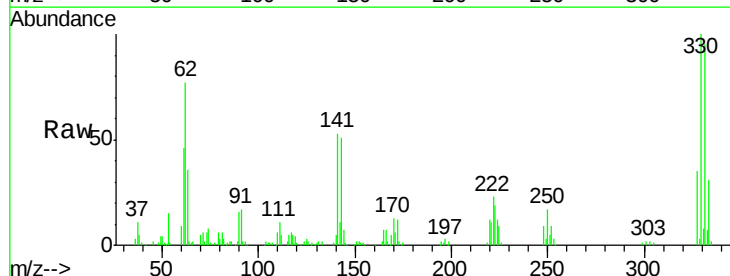
Instrument :
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 ClientSampleId :
 PB89054BL

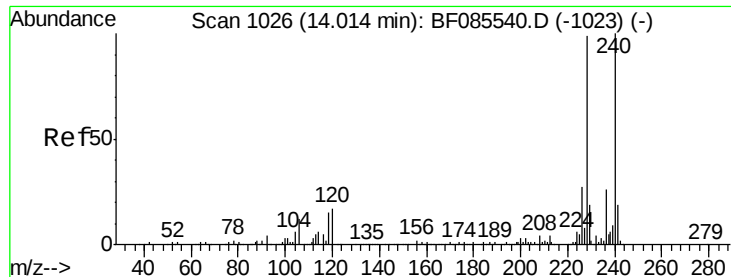
Tgt Ion:188 Resp: 438085
 Ion Ratio Lower Upper
 188 100
 94 10.6 5.4 8.0#
 80 11.1 5.5 8.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.81 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.26 min
 Lab File: BF085618.D
 Acq: 21 Mar 2016 13:20

Tgt Ion:248 Resp: 16681
 Ion Ratio Lower Upper
 248 100
 250 188.2 77.4 116.0#
 141 604.1 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF085618.D

Acq: 21 Mar 2016 13:20

Instrument :

BNA_F

ClientSampleId :

PB89054BL

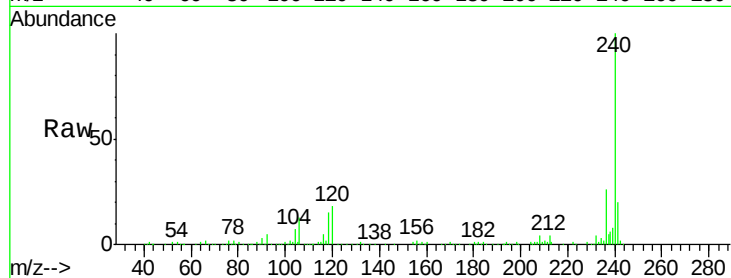
Tgt Ion:240 Resp: 340159

Ion Ratio Lower Upper

240 100

120 18.3 13.8 20.8

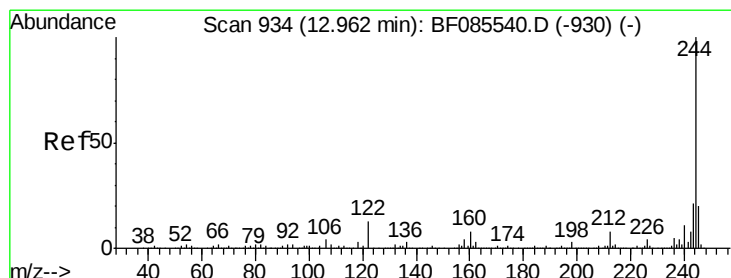
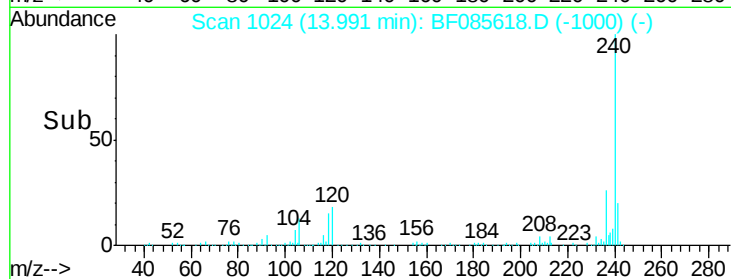
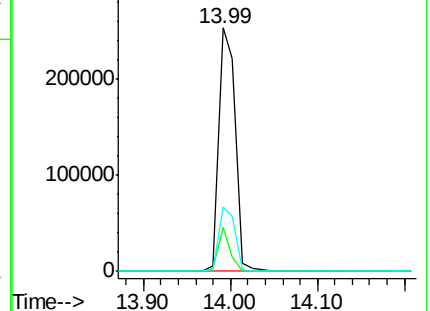
236 26.4 20.6 30.8



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: 78.91 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085618.D

Acq: 21 Mar 2016 13:20

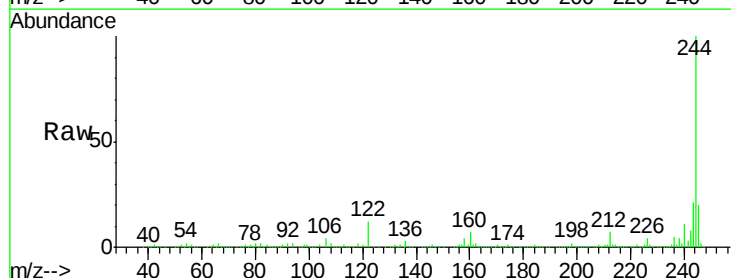
Tgt Ion:244 Resp: 1115516

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

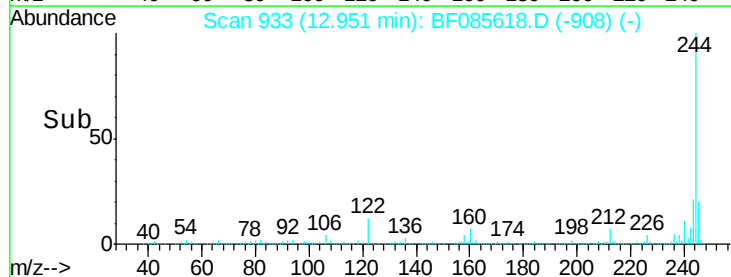
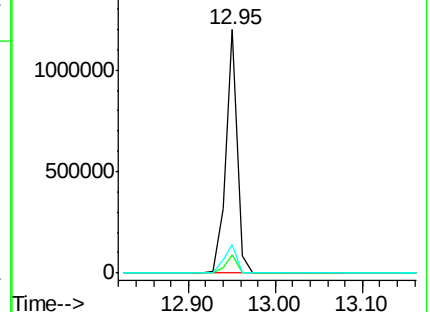
122 11.5 10.2 15.4

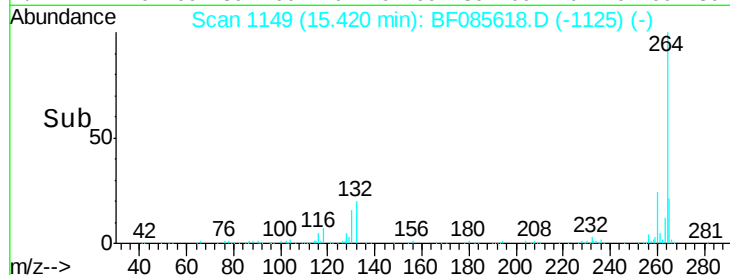
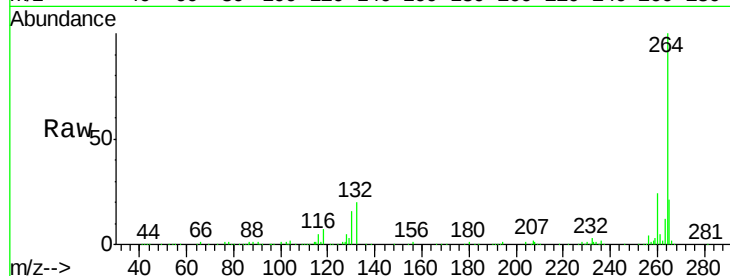
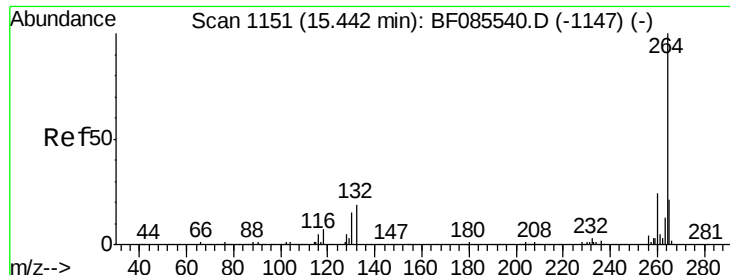


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF085618.D

Acq: 21 Mar 2016 13:20

Instrument :

BNA_F

ClientSampleId :

PB89054BL

Tgt Ion:264 Resp: 242837

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.2 17.2 25.8

