

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085439.D
 Acq On : 14 Mar 2016 20:02
 Operator : UM/SJ
 Sample : PB88851TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88851TB

Quant Time: Mar 15 01:02:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

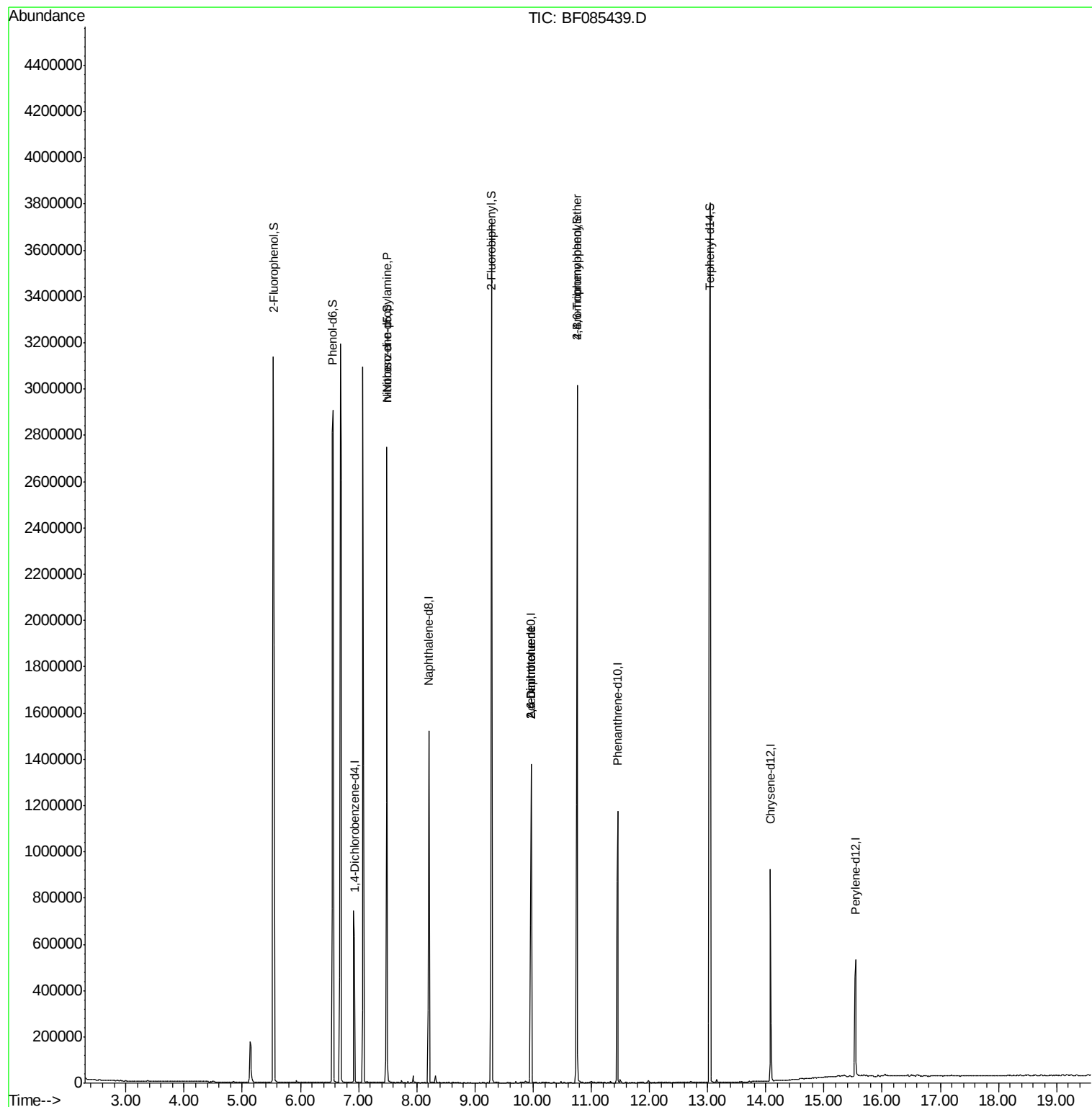
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	158071	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	655840	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	310503	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	573023	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	304231	20.00	ng	-0.07
86) Perylene-d12	15.55	264	266680	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1285722	136.44	ng	-0.05
7) Phenol-d6	6.56	99	1754679	142.12	ng	-0.05
23) Nitrobenzene-d5	7.49	82	1005383	82.03	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	381819	143.71	ng	-0.06
44) 2-Fluorobiphenyl	9.28	172	1727262	84.60	ng	-0.07
78) Terphenyl-d14	13.04	244	1618010	123.46	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	135289	16.81	ng	# 77
50) 2,6-Dinitrotoluene	9.97	165	39619	7.77	ng	# 26
56) 2,4-Dinitrotoluene	9.97	165	39612	6.07	ng	# 22
66) 4-Bromophenyl-phenylether	10.76	248	27274	4.90	ng	# 1

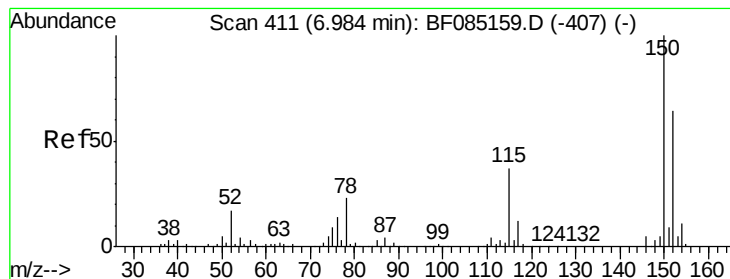
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF085439.D

Acq: 14 Mar 2016 20:02

Instrument :

BNA_F

ClientSampleId :

PB88851TB

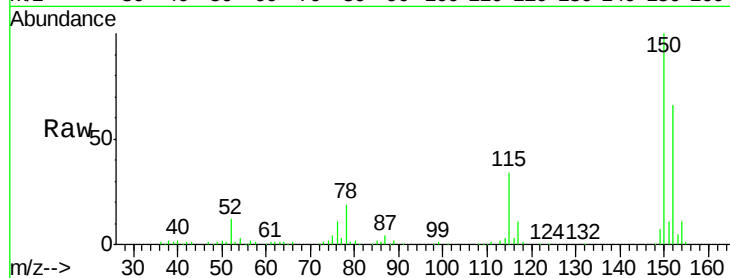
Tgt Ion:152 Resp: 158071

Ion Ratio Lower Upper

152 100

150 152.5 124.6 186.8

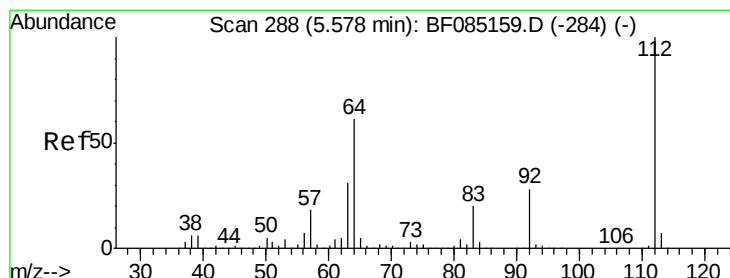
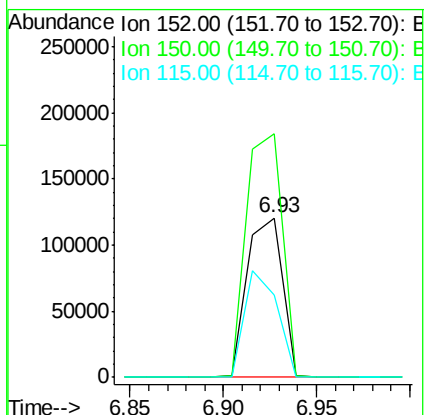
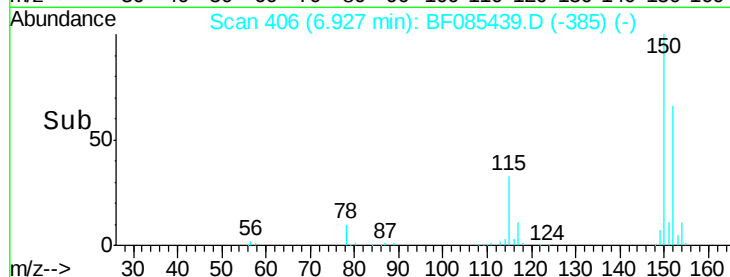
115 51.7 46.6 70.0



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



#5

2-Fluorophenol

Concen: 136.44 ng

RT: 5.53 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF085439.D

Acq: 14 Mar 2016 20:02

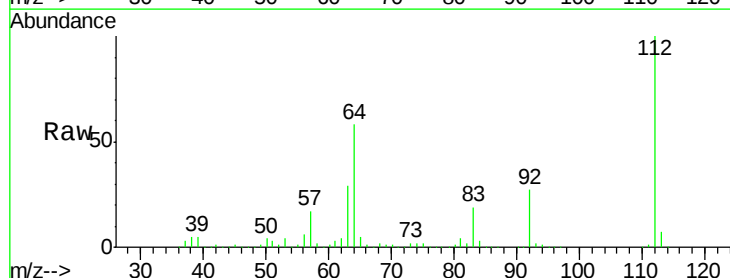
Tgt Ion:112 Resp: 1285722

Ion Ratio Lower Upper

112 100

64 57.5 49.0 73.4

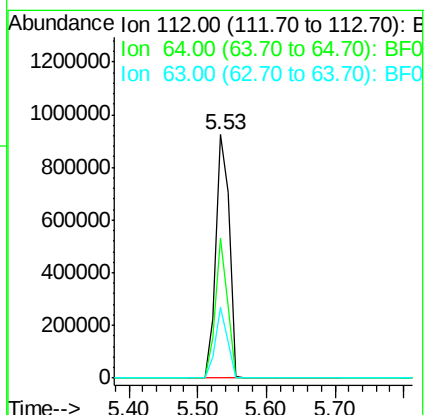
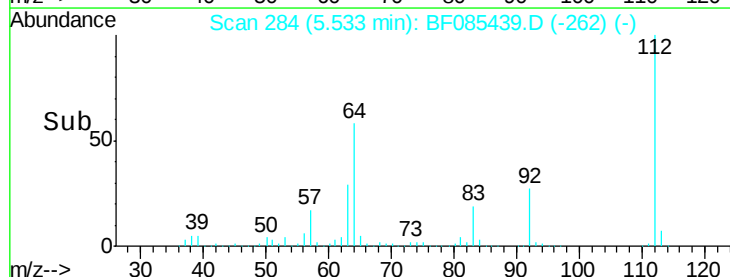
63 29.3 24.8 37.2

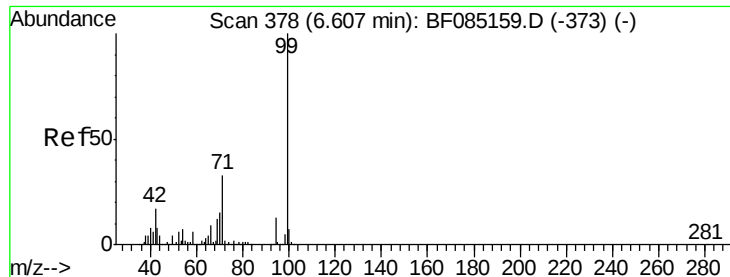


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.12 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085439.D

Acq: 14 Mar 2016 20:02

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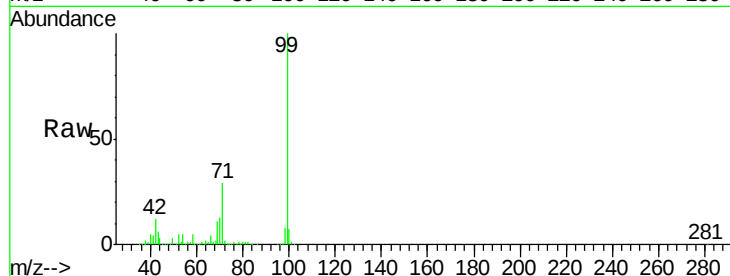
Tgt Ion: 99 Resp: 1754679

Ion Ratio Lower Upper

99 100

42 12.0 13.6 20.4#

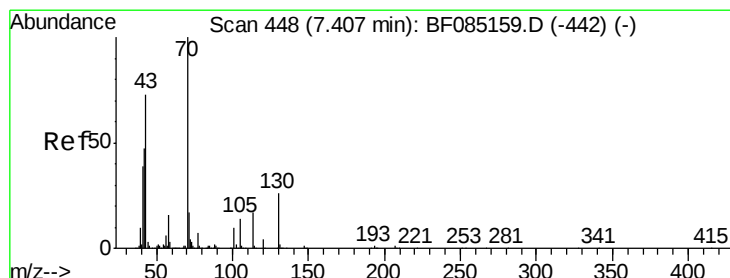
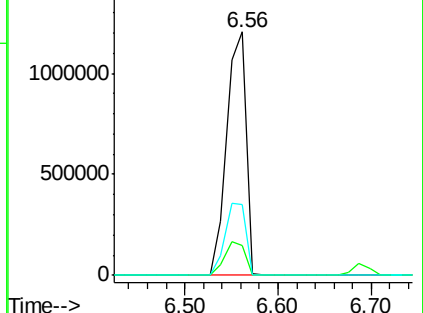
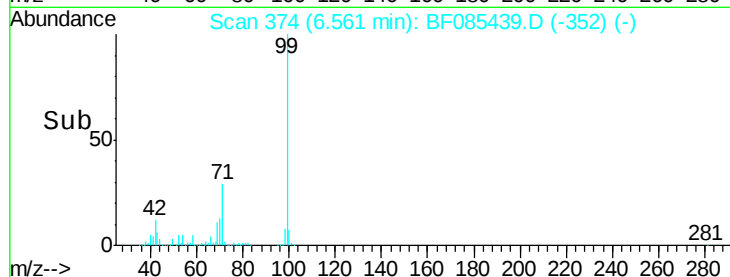
71 29.0 26.7 40.1



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: 16.81 ng

RT: 7.49 min Scan# 455

Delta R.T. 0.08 min

Lab File: BF085439.D

Acq: 14 Mar 2016 20:02

Tgt Ion: 70 Resp: 135289

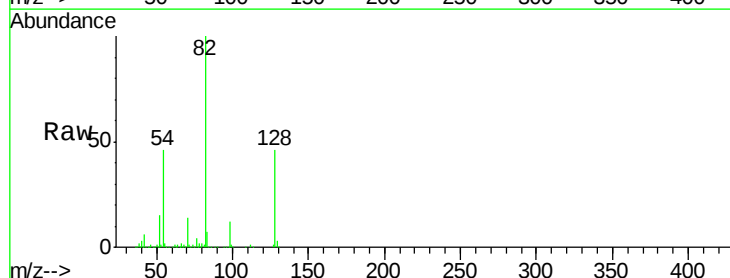
Ion Ratio Lower Upper

70 100

42 40.8 37.7 56.5

101 0.0 8.2 12.4#

130 2.4 20.5 30.7#

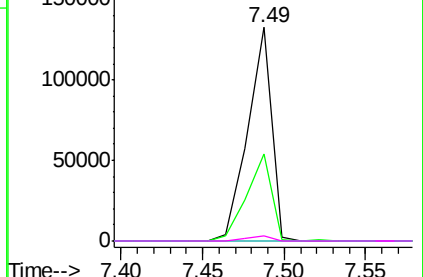
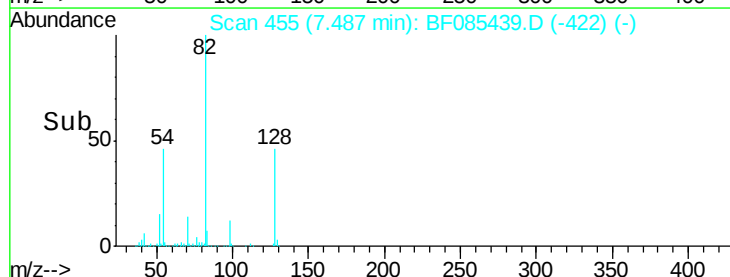


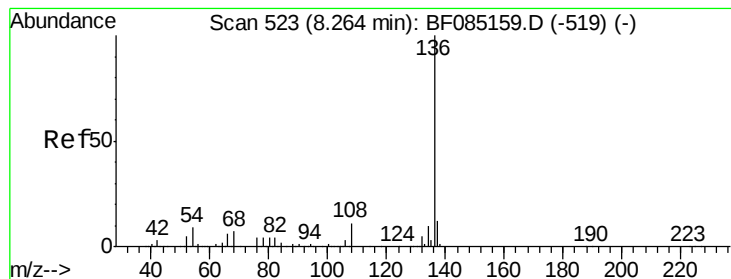
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.21 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF085439.D

Acq: 14 Mar 2016 20:02

Instrument :

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ClientSampleId :

PB88851TB

Tgt Ion:136 Resp: 655840

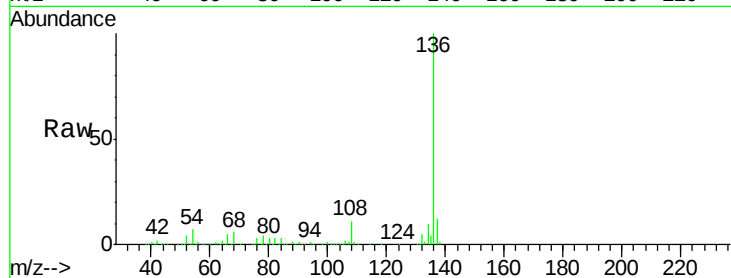
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 7.2 7.4 11.2#

68 5.8 6.0 9.0#

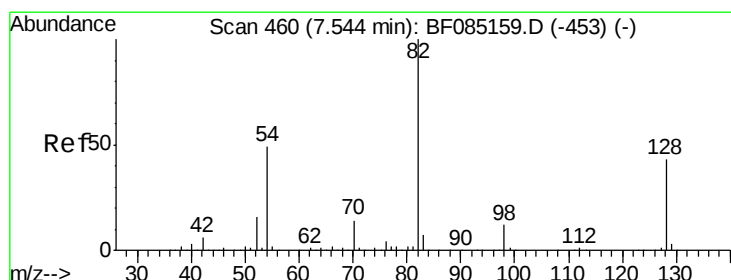
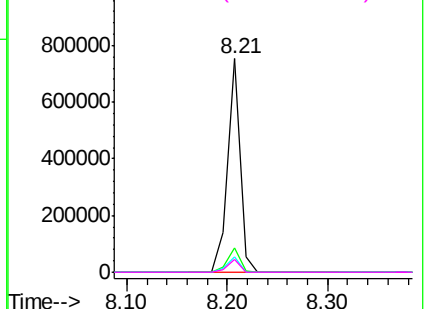
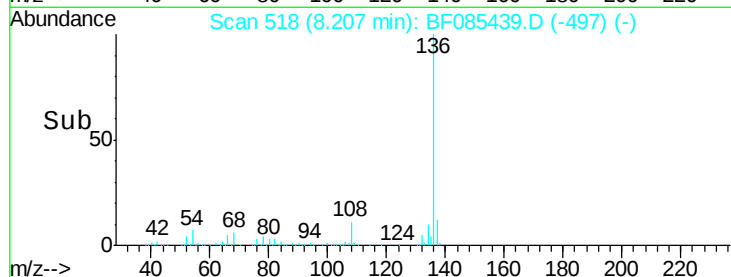


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.03 ng

RT: 7.49 min Scan# 455

Delta R.T. -0.06 min

Lab File: BF085439.D

Acq: 14 Mar 2016 20:02

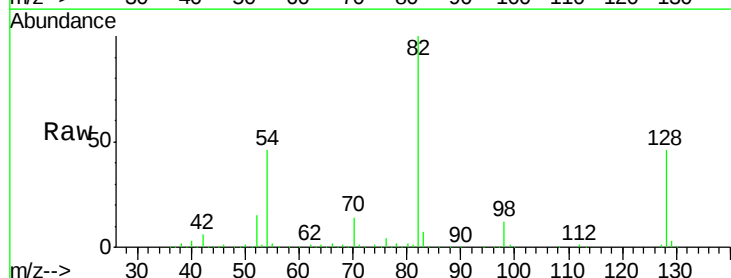
Tgt Ion: 82 Resp: 1005383

Ion Ratio Lower Upper

82 100

128 45.9 34.5 51.7

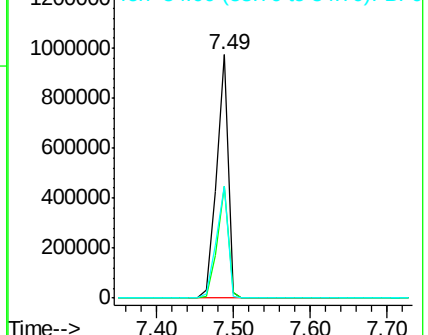
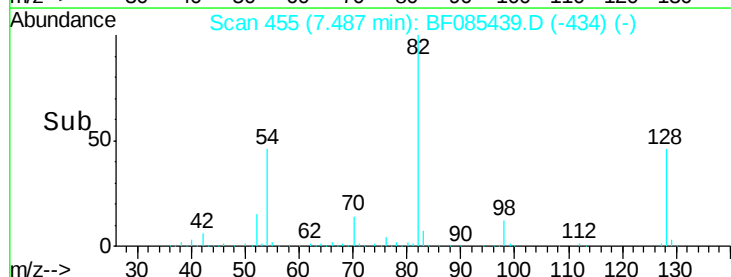
54 45.7 39.3 58.9

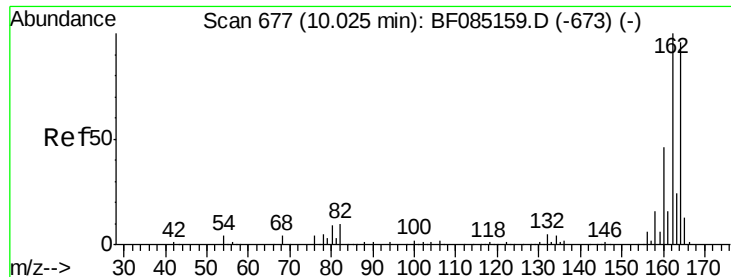


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.97 min Scan# 672

Delta R.T. -0.06 min

Lab File: BF085439.D

Acq: 14 Mar 2016 20:02

Instrument :

BNA_F

ClientSampleId :

PB88851TB

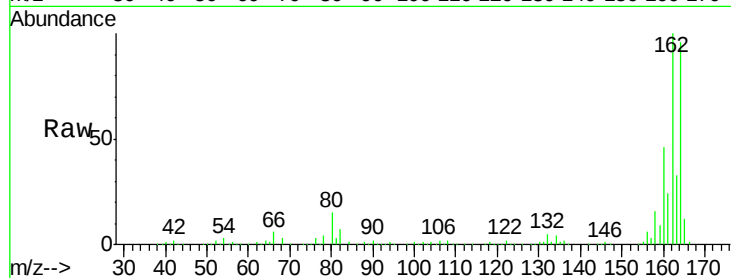
Tgt Ion:164 Resp: 310503

Ion Ratio Lower Upper

164 100

162 104.4 83.3 124.9

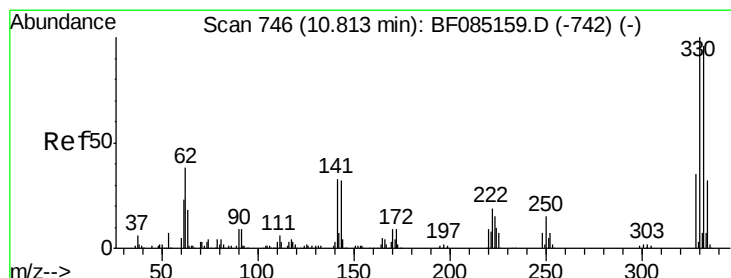
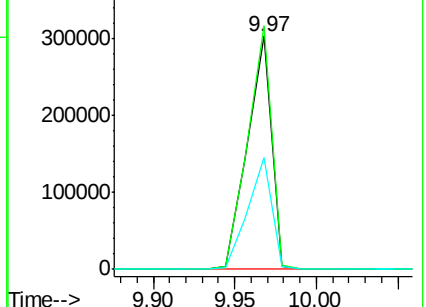
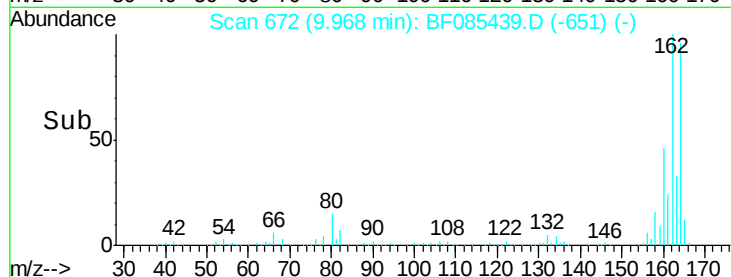
160 48.2 37.9 56.9



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: 143.71 ng

RT: 10.76 min Scan# 741

Delta R.T. -0.06 min

Lab File: BF085439.D

Acq: 14 Mar 2016 20:02

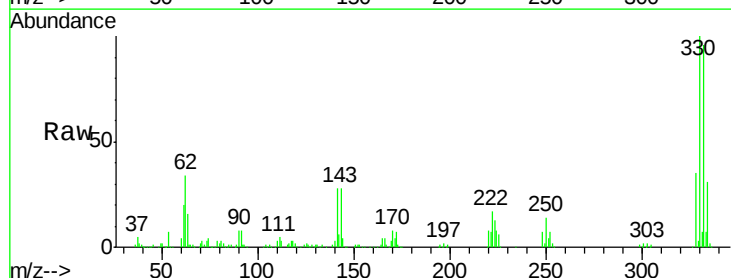
Tgt Ion:330 Resp: 381819

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

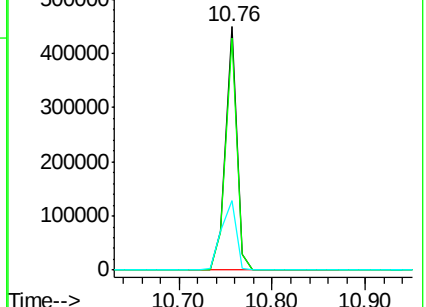
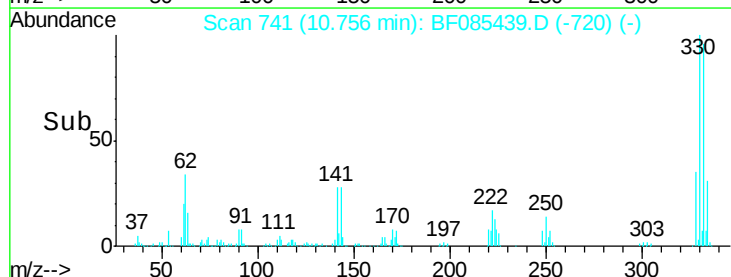
141 37.2 35.0 52.6

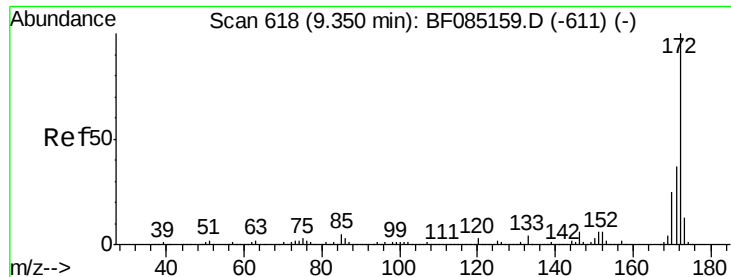


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

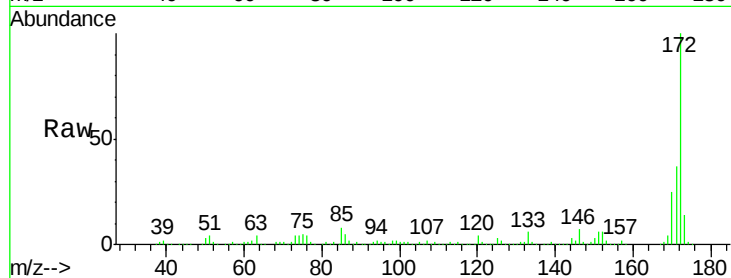




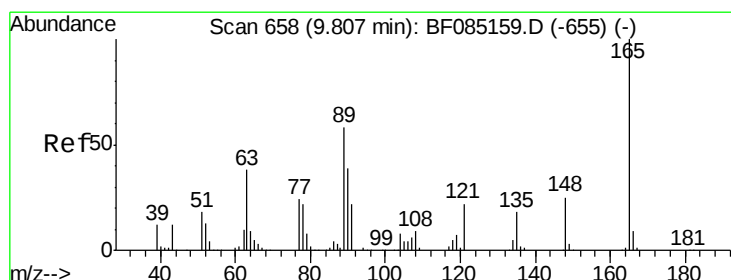
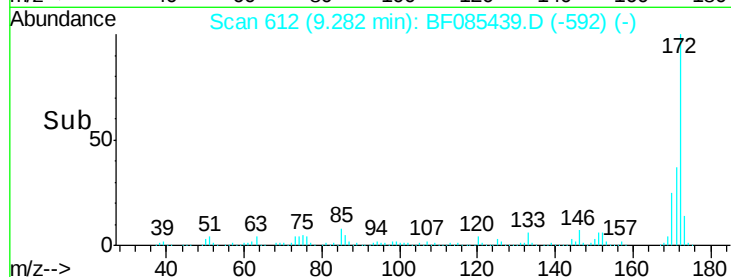
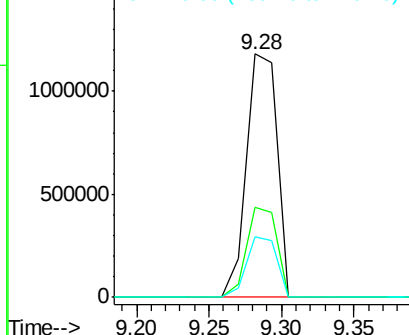
#44
 2-Fluorobiphenyl
 Concen: 84.60 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.07 min
 Lab File: BF085439.D
 Acq: 14 Mar 2016 20:02

Instrument :
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 ClientSampleId :
 PB88851TB

Tgt Ion:172 Resp: 1727262
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.3 43.9
 170 25.1 20.0 30.0

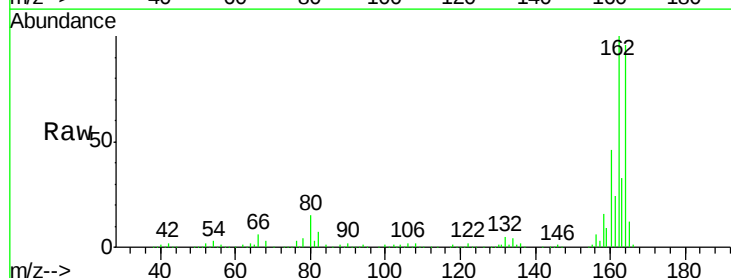


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

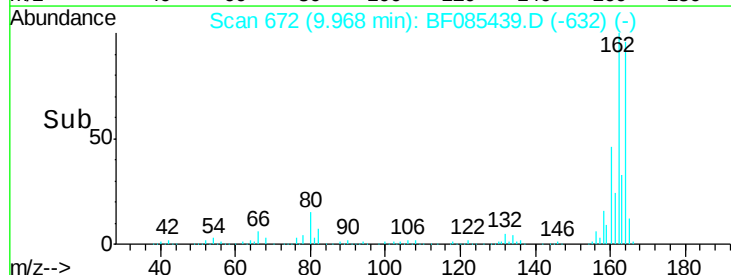
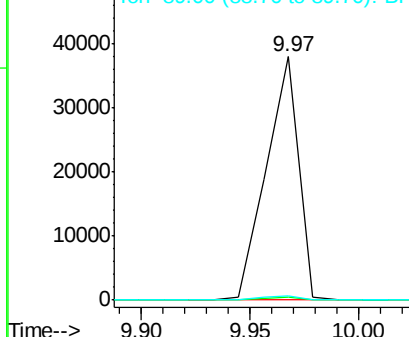


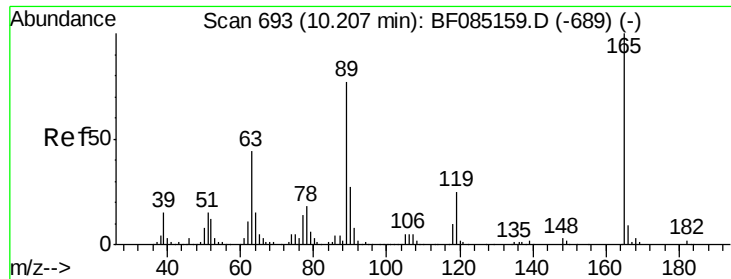
#50
 2,6-Dinitrotoluene
 Concen: 7.77 ng
 RT: 9.97 min Scan# 672
 Delta R.T. 0.16 min
 Lab File: BF085439.D
 Acq: 14 Mar 2016 20:02

Tgt Ion:165 Resp: 39619
 Ion Ratio Lower Upper
 165 100
 63 1.5 41.8 62.8#
 89 1.6 46.7 70.1#



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

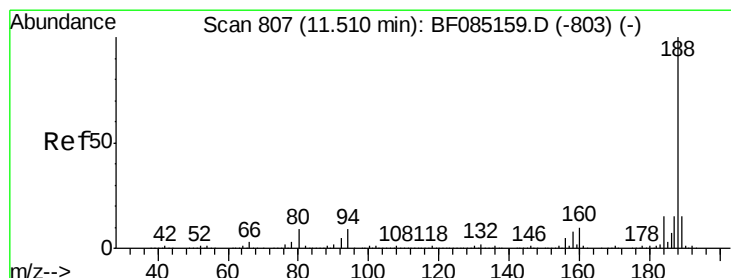
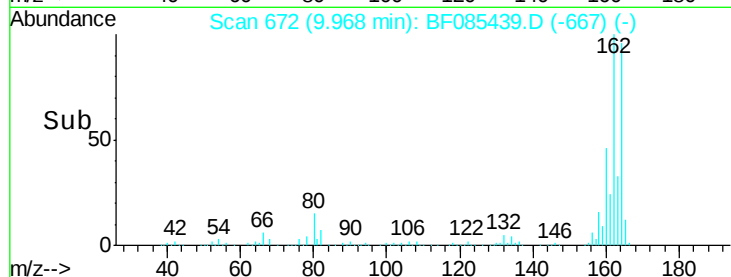
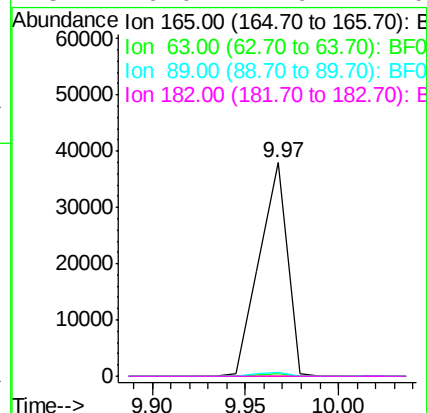
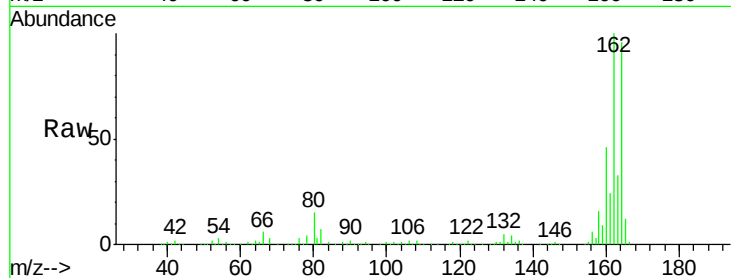




#56
 2,4-Dinitrotoluene
 Concen: 6.07 ng
 RT: 9.97 min Scan# 672
 Delta R.T. -0.24 min
 Lab File: BF085439.D
 Acq: 14 Mar 2016 20:02

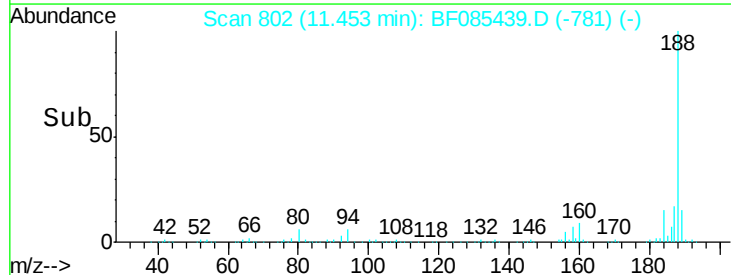
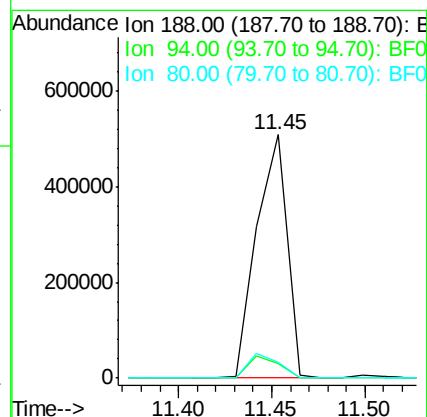
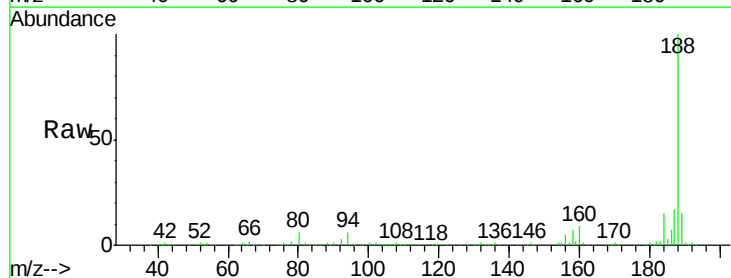
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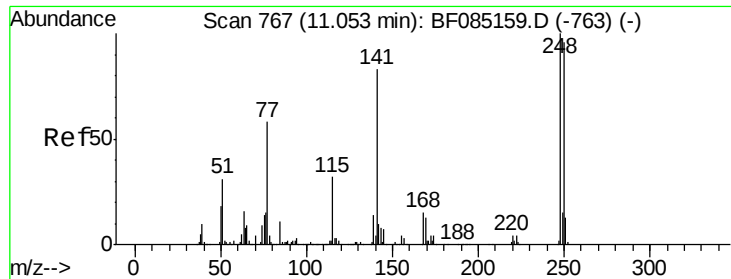
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.4	53.0#
89	1.6	61.9	92.9#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 802
 Delta R.T. -0.06 min
 Lab File: BF085439.D
 Acq: 14 Mar 2016 20:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	7.0	10.6#
80	6.3	7.4	11.0#

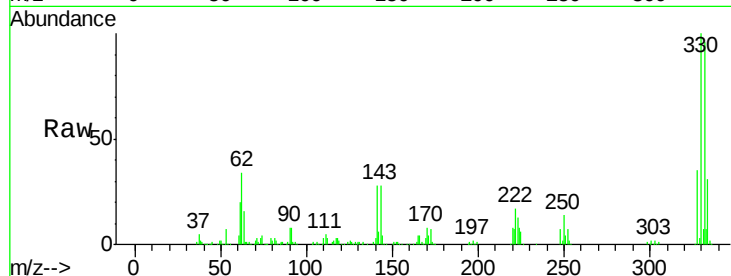




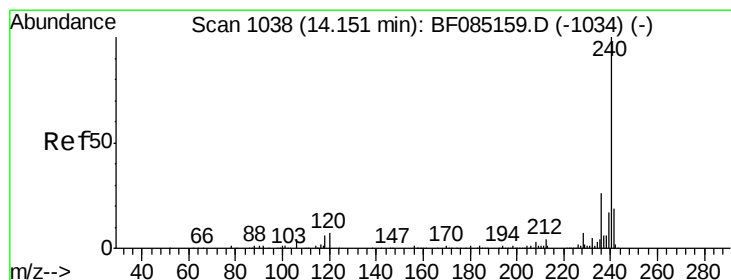
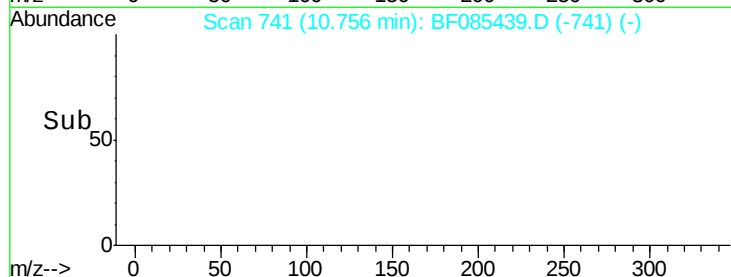
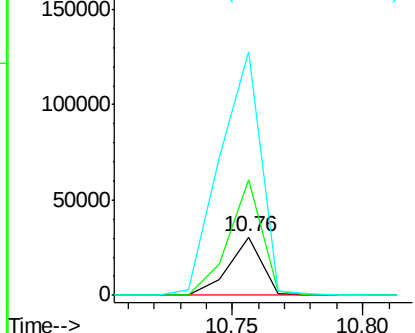
#66
 4-Bromophenyl-phenylether
 Concen: 4.90 ng
 RT: 10.76 min Scan# 741
 Delta R.T. -0.30 min
 Lab File: BF085439.D
 Acq: 14 Mar 2016 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PB88851TB

Tgt Ion:248 Resp: 27274
 Ion Ratio Lower Upper
 248 100
 250 197.6 77.1 115.7#
 141 415.4 66.2 99.2#

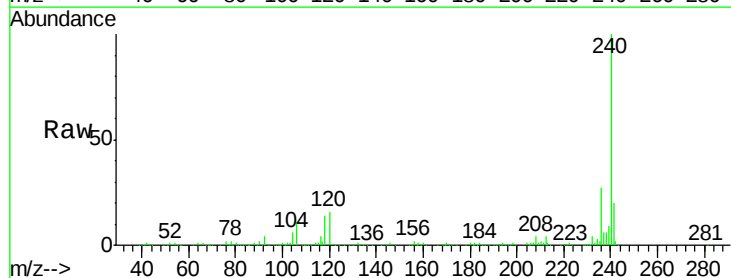


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

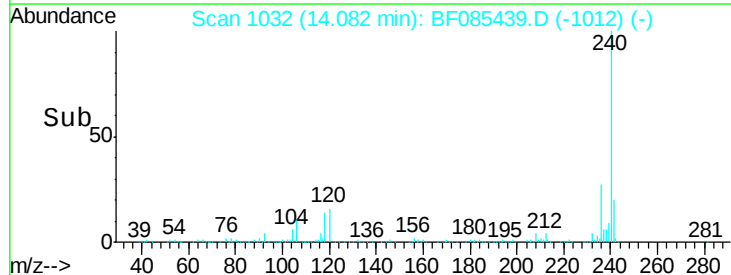
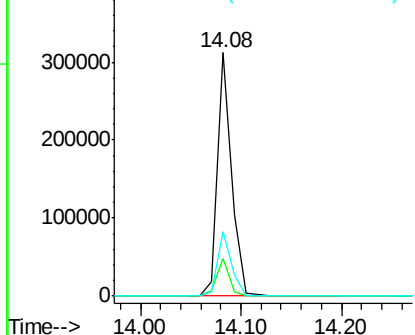


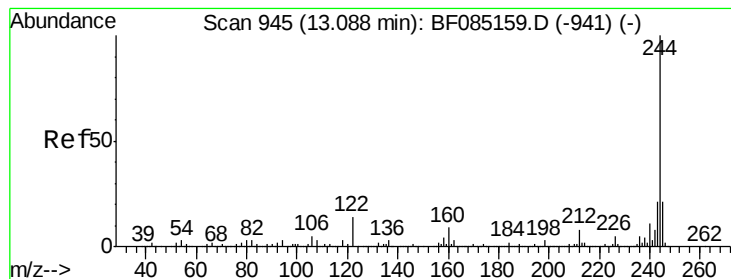
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.07 min
 Lab File: BF085439.D
 Acq: 14 Mar 2016 20:02

Tgt Ion:240 Resp: 304231
 Ion Ratio Lower Upper
 240 100
 120 15.6 5.3 7.9#
 236 26.6 20.7 31.1



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: 123.46 ng

RT: 13.04 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF085439.D

Acq: 14 Mar 2016 20:02

Instrument :

BNA_F

ClientSampleId :

PB88851TB

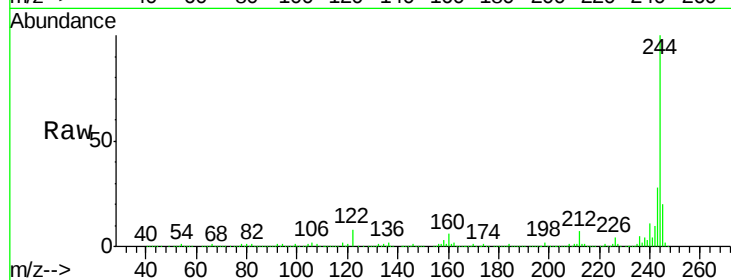
Tgt Ion:244 Resp: 1618010

Ion Ratio Lower Upper

244 100

212 6.6 6.4 9.6

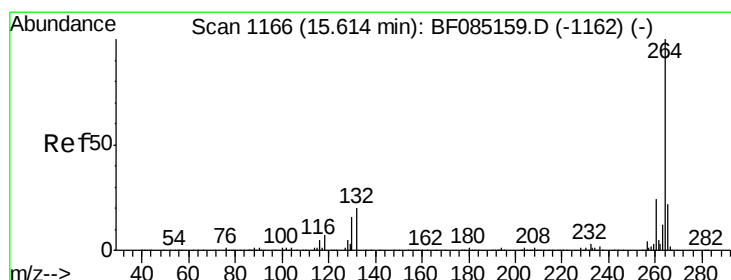
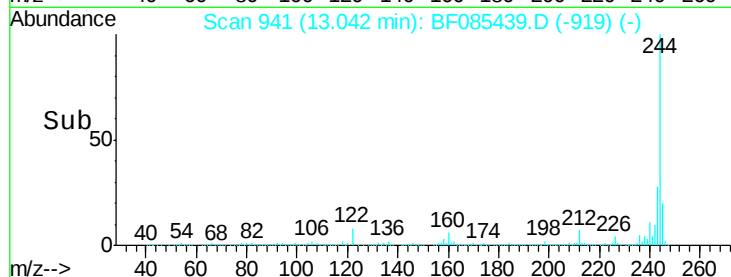
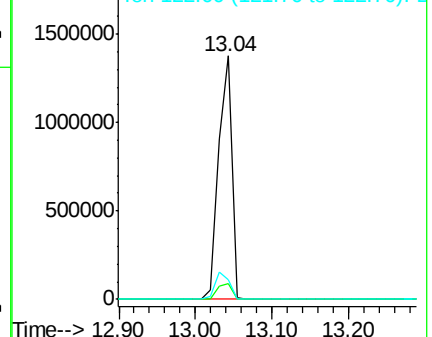
122 8.0 11.4 17.2#



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: 15.55 min Scan# 1160

Delta R.T. -0.07 min

Lab File: BF085439.D

Acq: 14 Mar 2016 20:02

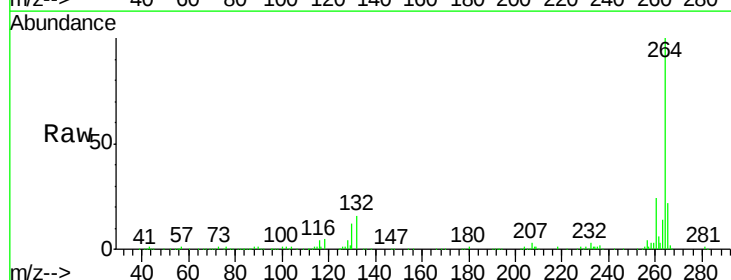
Tgt Ion:264 Resp: 266680

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.7 17.3 25.9



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

