

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085021.D
 Acq On : 11 Feb 2016 16:47
 Operator : SJ/IZ
 Sample : H1377-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB03-0-1

Quant Time: Feb 11 22:13:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

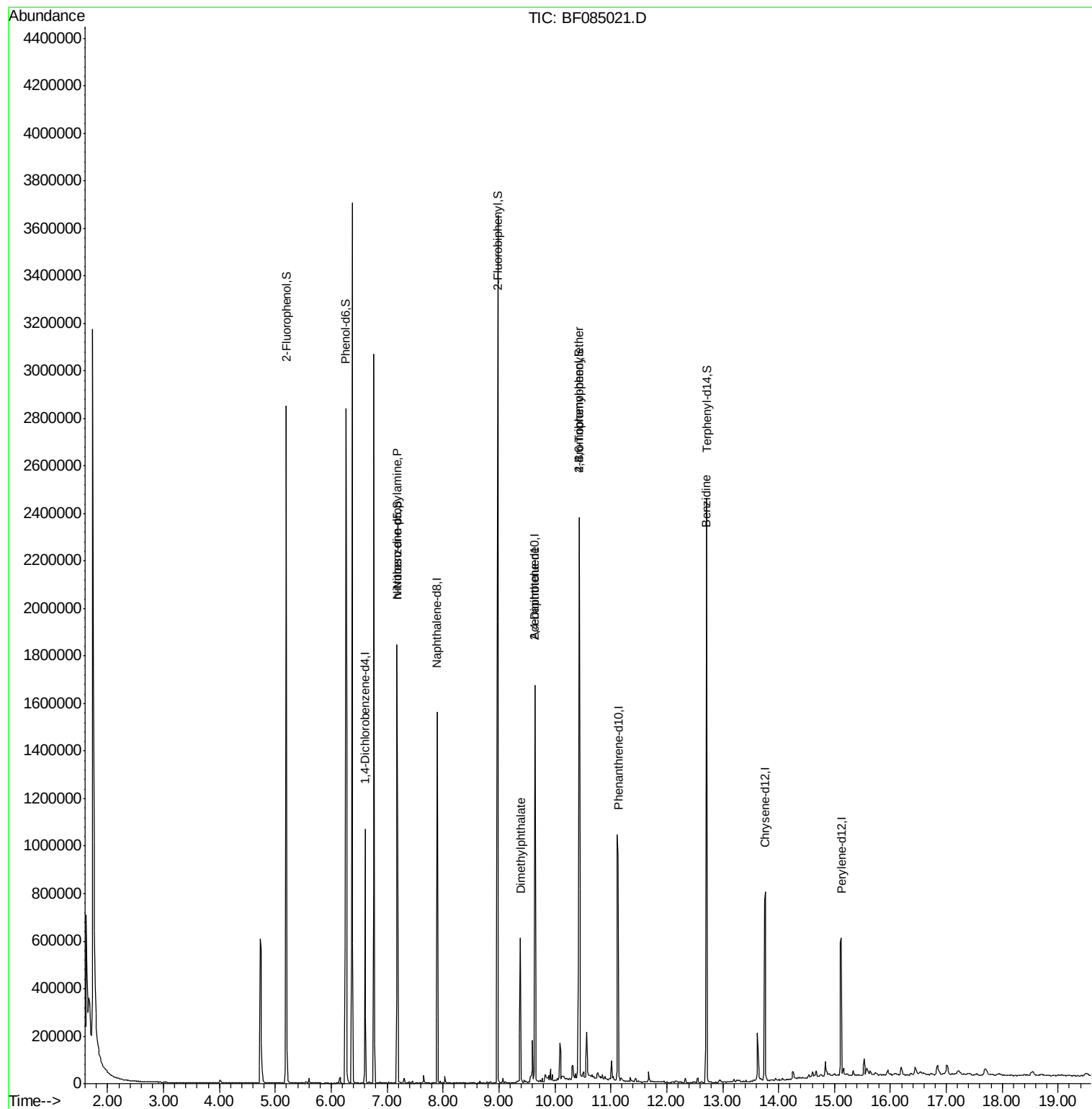
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	154742	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	677641	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	323394	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	565777	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	414149	20.00	ng	-0.01
86) Perylene-d12	15.12	264	317952	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1054711	106.16	ng	0.00
7) Phenol-d6	6.26	99	1224645	99.43	ng	-0.02
23) Nitrobenzene-d5	7.18	82	772543	64.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	315760	93.61	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1389812	67.63	ng	-0.01
78) Terphenyl-d14	12.72	244	1127693	61.70	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	104854	13.58	ng	# 72
49) Dimethylphthalate	9.38	163	259500	10.54	ng	# 91
56) 2,4-Dinitrotoluene	9.64	165	42299	6.16	ng	# 21
66) 4-Bromophenyl-phenylether	10.43	248	18221	2.92	ng	# 1
76) Benzidine	12.71	184	14642	7.56	ng	96

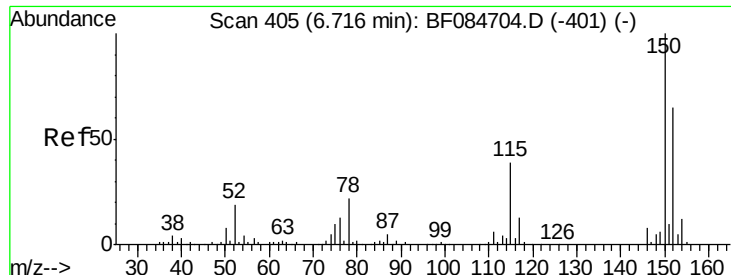
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085021.D

Acq: 11 Feb 2016 16:47

Instrument :

BNA_F

ClientSampleId :

SB03-0-1

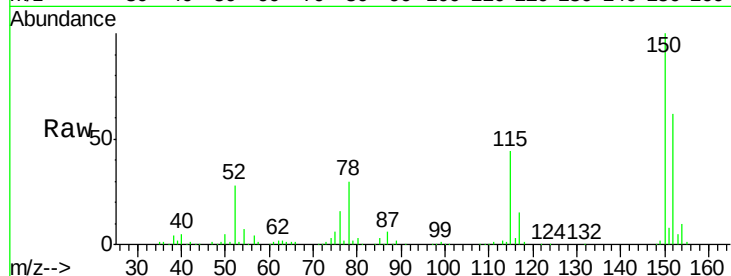
Tgt Ion:152 Resp: 154742

Ion Ratio Lower Upper

152 100

150 160.3 123.0 184.4

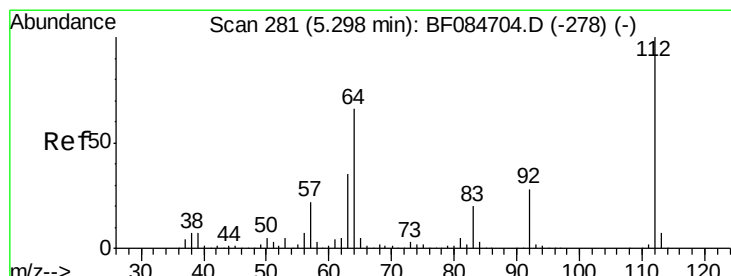
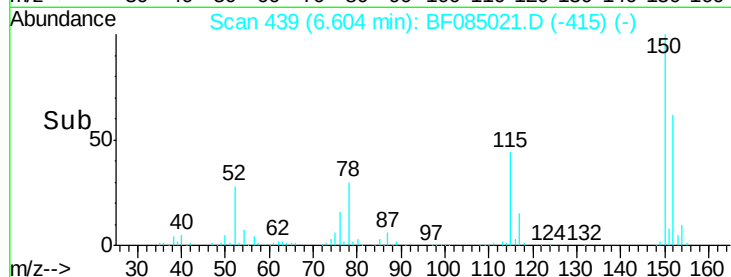
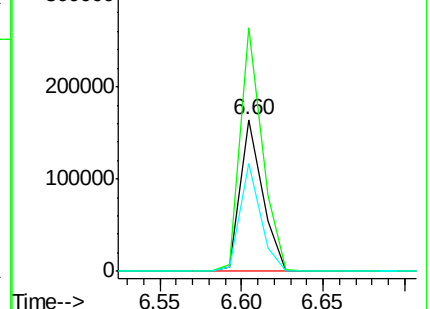
115 70.8 51.4 77.2



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: 106.16 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.00 min

Lab File: BF085021.D

Acq: 11 Feb 2016 16:47

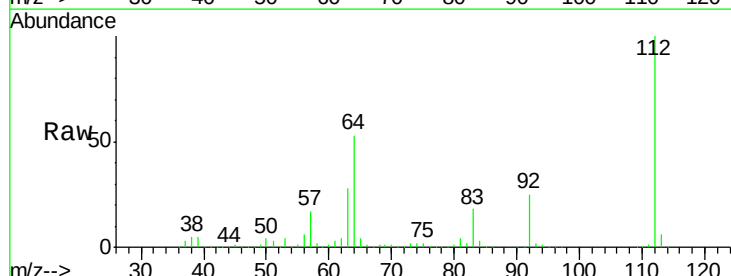
Tgt Ion:112 Resp: 1054711

Ion Ratio Lower Upper

112 100

64 53.2 36.6 55.0

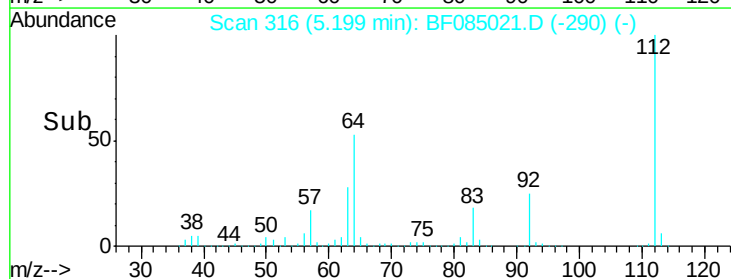
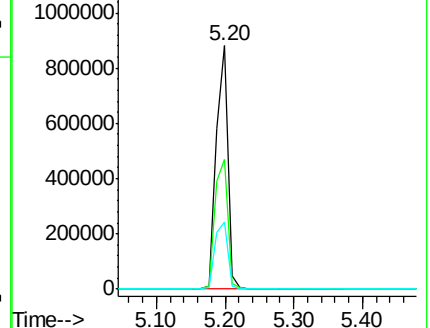
63 27.7 19.4 29.0

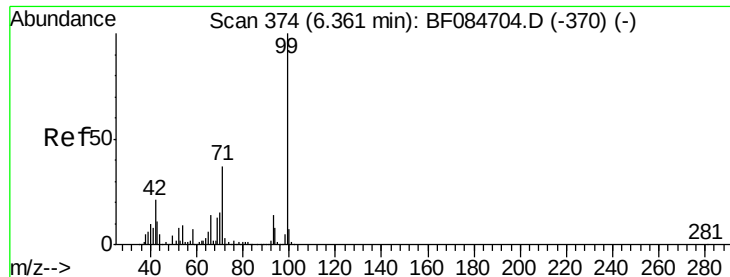


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.43 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085021.D

Acq: 11 Feb 2016 16:47

Instrument :

BNA_F

ClientSampleId :

SB03-0-1

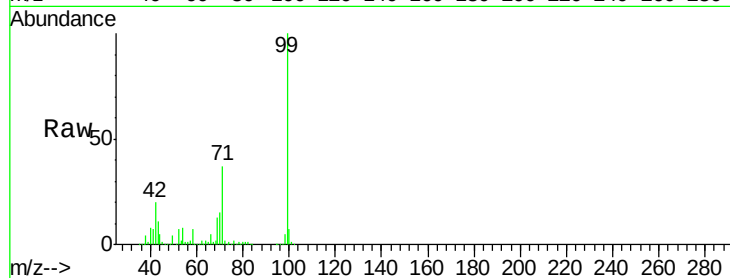
Tgt Ion: 99 Resp: 1224645

Ion Ratio Lower Upper

99 100

42 20.5 12.8 19.2#

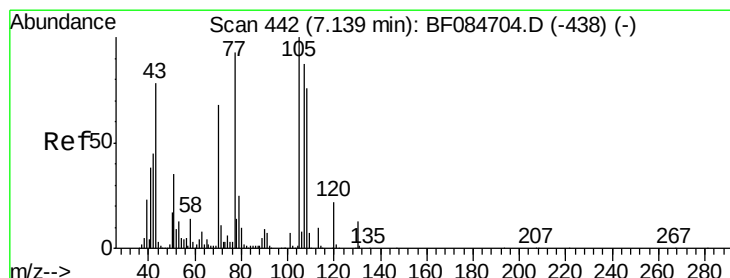
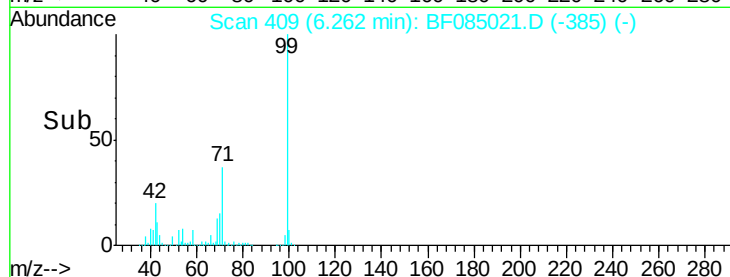
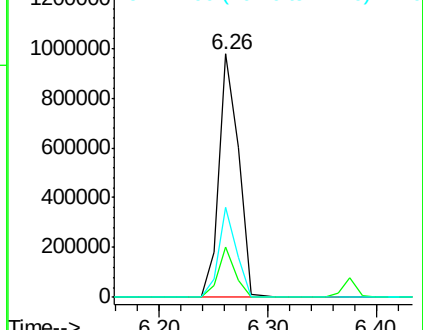
71 37.1 30.9 46.3



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: 13.58 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.11 min

Lab File: BF085021.D

Acq: 11 Feb 2016 16:47

Tgt Ion: 70 Resp: 104854

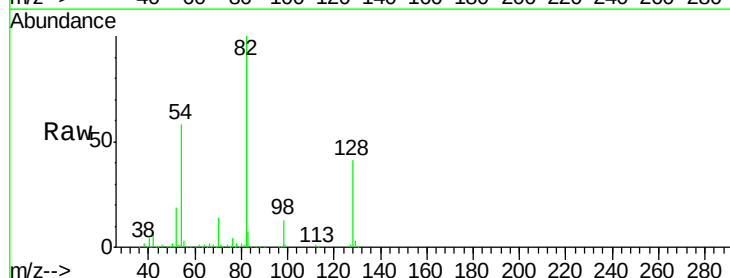
Ion Ratio Lower Upper

70 100

42 48.7 33.3 49.9

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#

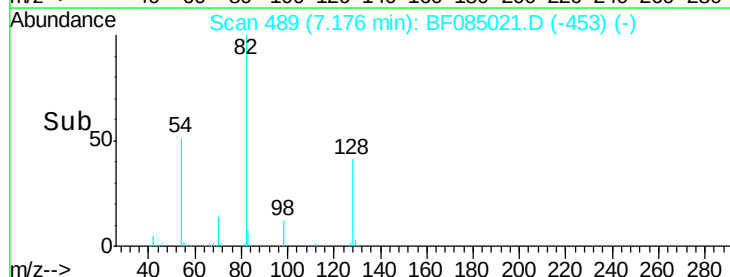
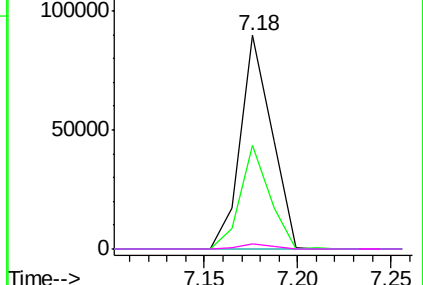


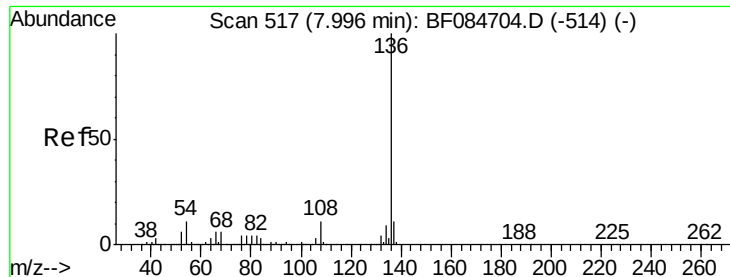
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

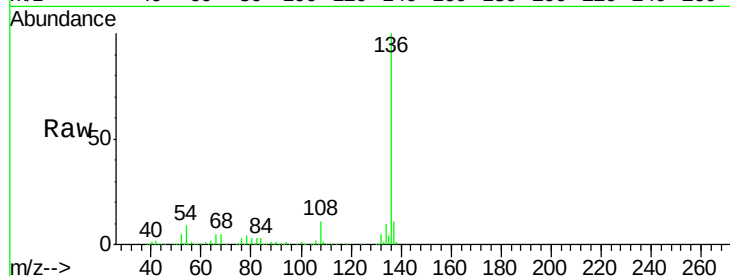




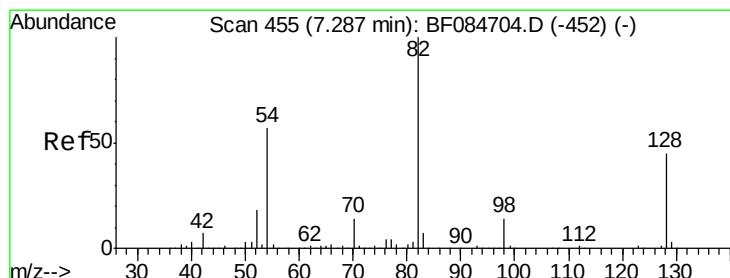
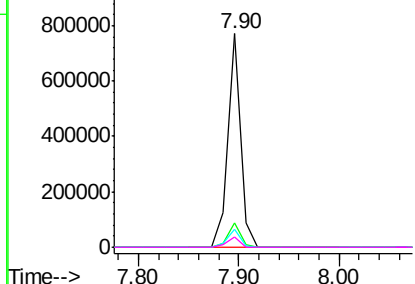
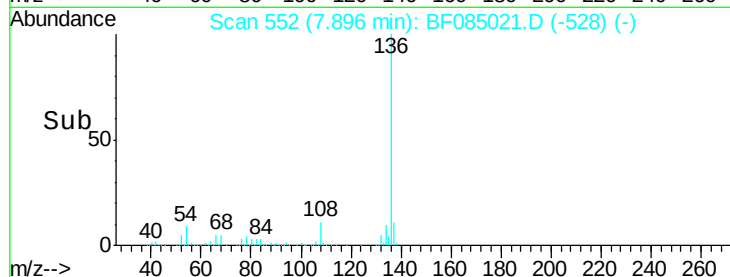
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085021.D
Acq: 11 Feb 2016 16:47

Instrument :
BNA_F
ClientSampleId :
SB03-0-1

Tgt Ion:	136	Resp:	677641
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.6	5.8	8.8
68	4.8	4.2	6.2

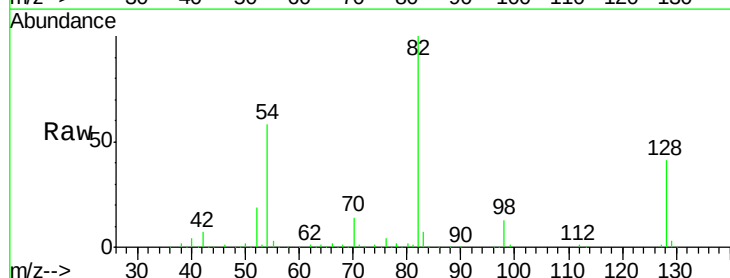


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

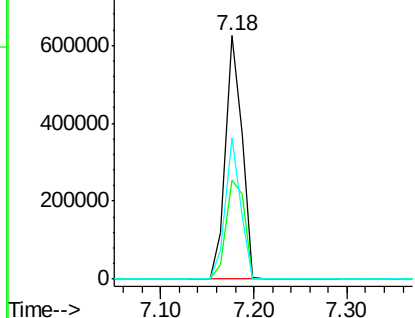
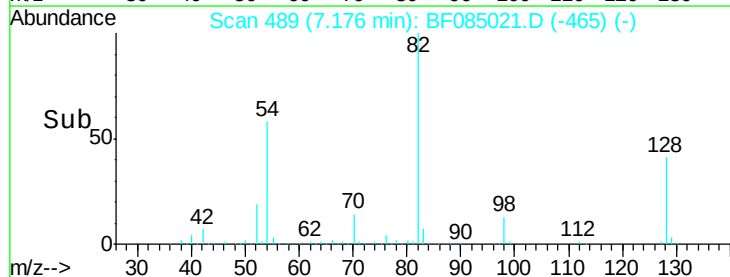


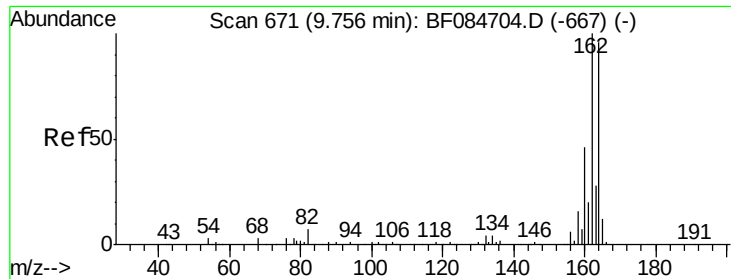
#23
Nitrobenzene-d5
Concen: 64.22 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF085021.D
Acq: 11 Feb 2016 16:47

Tgt Ion:	82	Resp:	772543
Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.6	51.8
54	57.9	38.4	57.6#



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

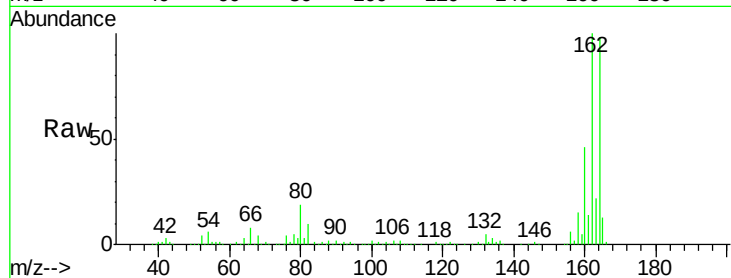




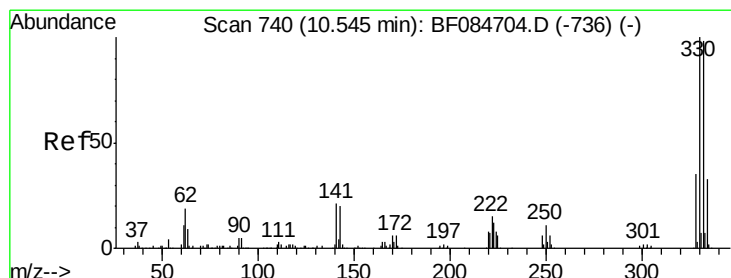
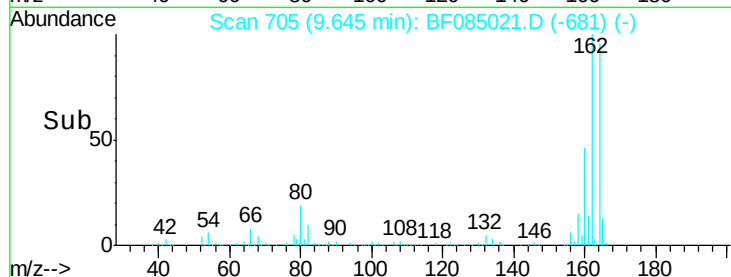
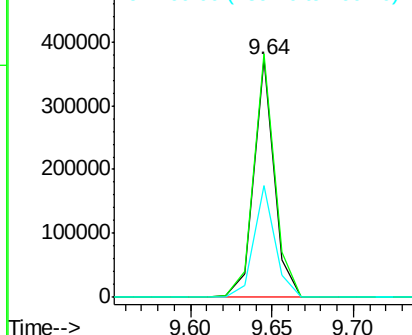
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF085021.D
 Acq: 11 Feb 2016 16:47

Instrument :
 BNA_F
 ClientSampleId :
 SB03-0-1

Tgt Ion:164 Resp: 323394
 Ion Ratio Lower Upper
 164 100
 162 102.3 85.1 127.7
 160 47.0 37.5 56.3

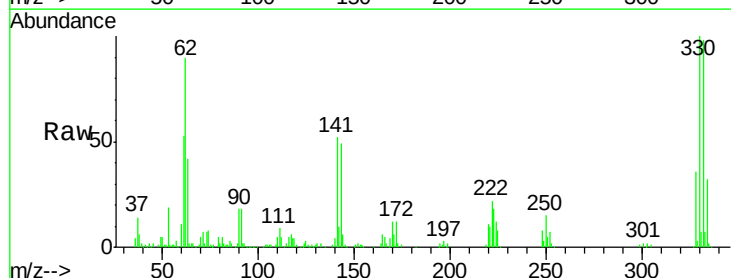


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

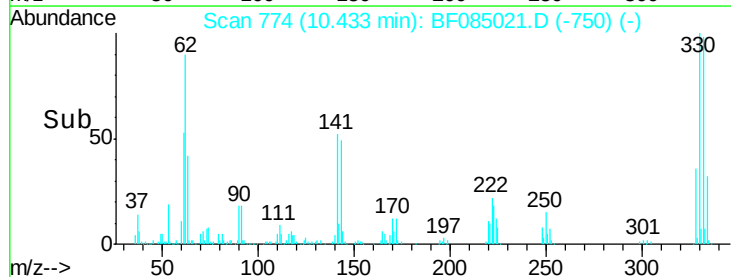
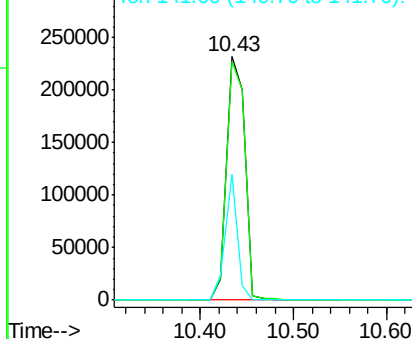


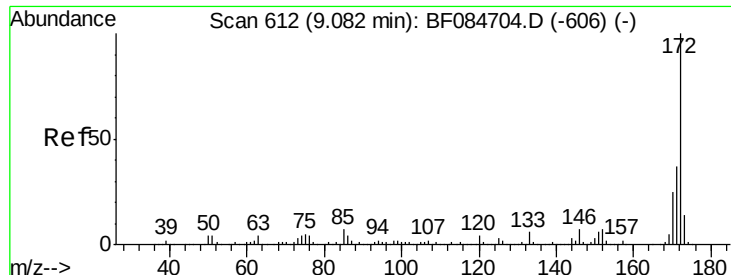
#41
 2,4,6-Tribromophenol
 Concen: 93.61 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF085021.D
 Acq: 11 Feb 2016 16:47

Tgt Ion:330 Resp: 315760
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 114.8
 141 34.8 27.8 41.6



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

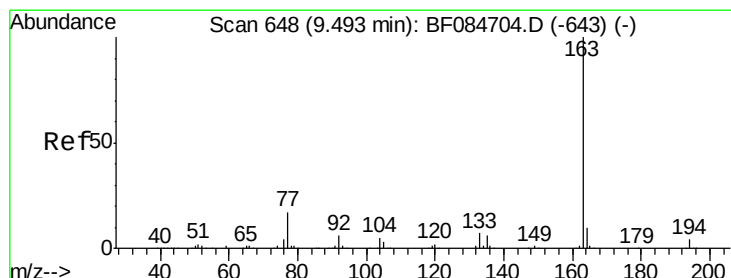
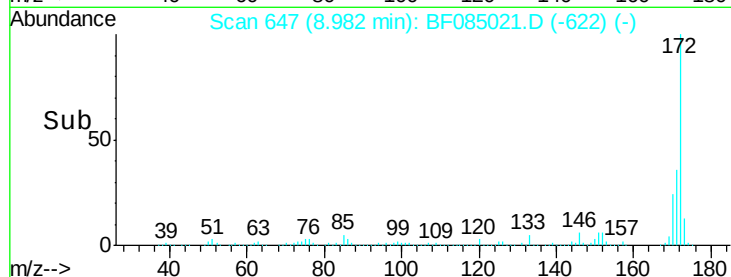
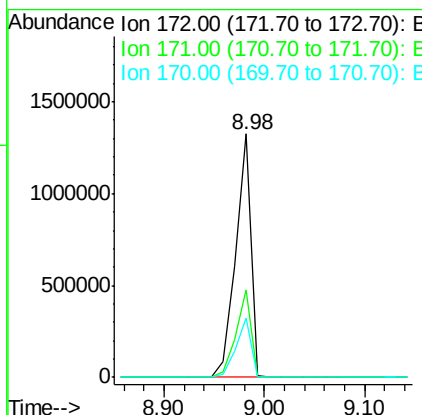
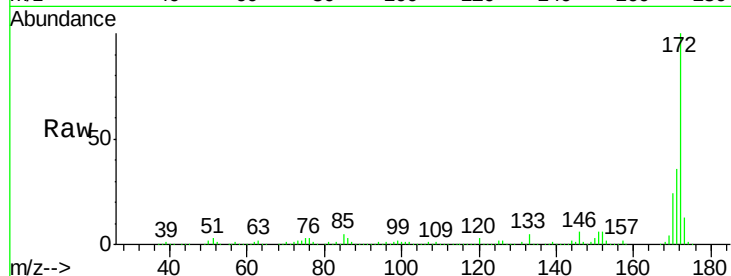




#44
2-Fluorobiphenyl
Concen: 67.63 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF085021.D
Acq: 11 Feb 2016 16:47

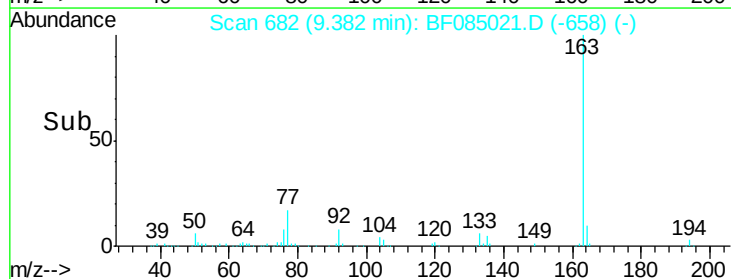
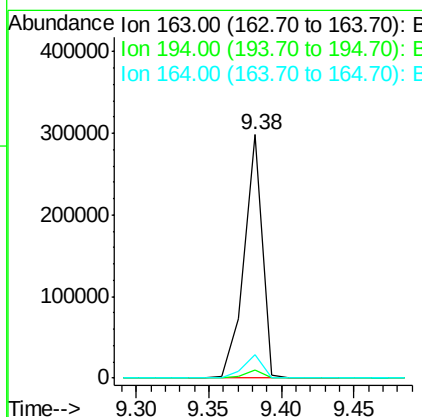
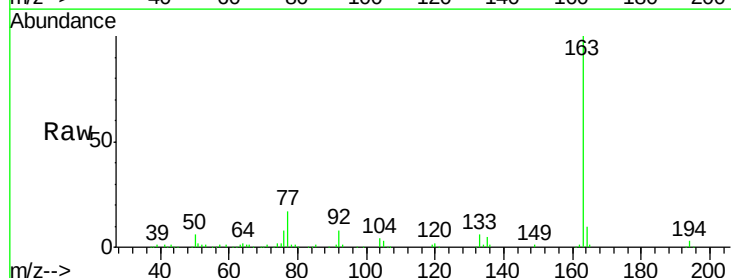
Instrument :
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SB03-0-1

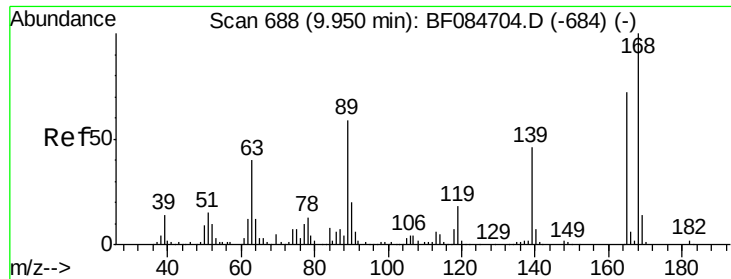
Tgt Ion:172 Resp: 1389812
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 24.1 18.6 27.8



#49
Dimethylphthalate
Concen: 10.54 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF085021.D
Acq: 11 Feb 2016 16:47

Tgt Ion:163 Resp: 259500
Ion Ratio Lower Upper
163 100
194 3.5 8.0 12.0#
164 9.6 8.0 12.0

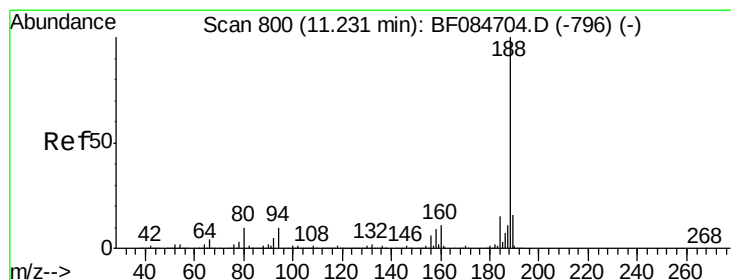
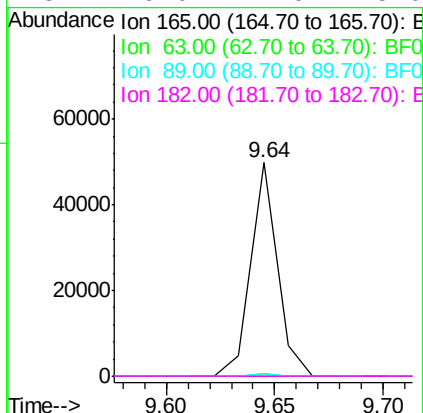
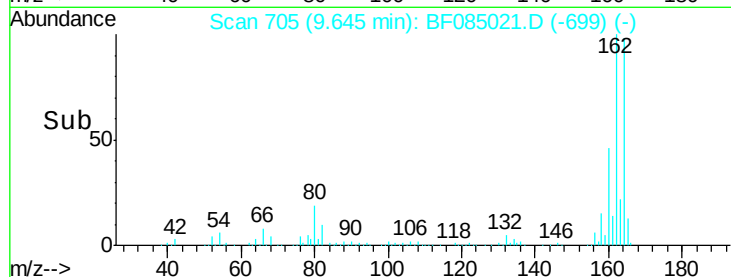
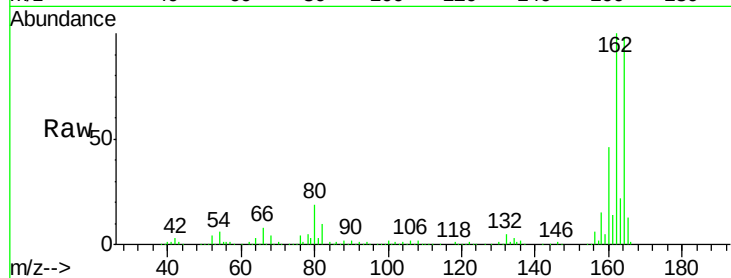




#56
 2,4-Dinitrotoluene
 Concen: 6.16 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.23 min
 Lab File: BF085021.D
 Acq: 11 Feb 2016 16:47

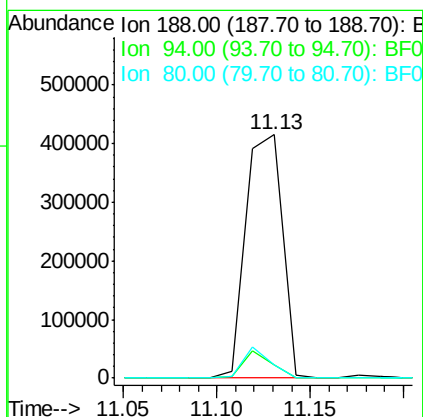
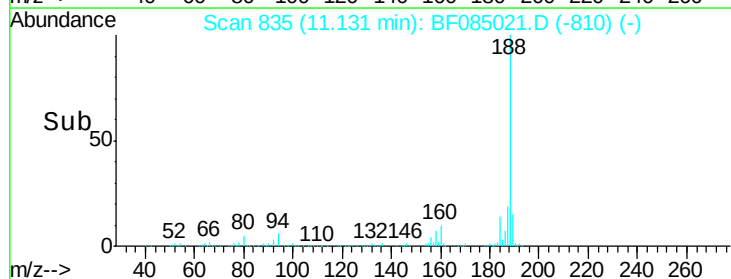
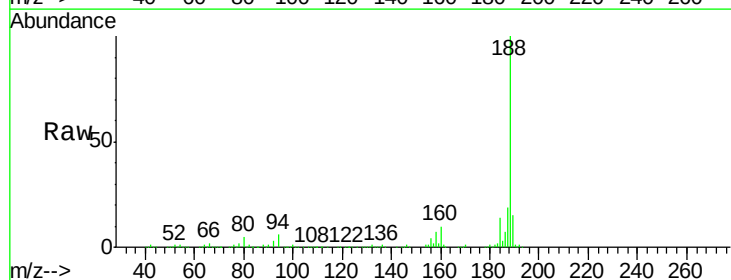
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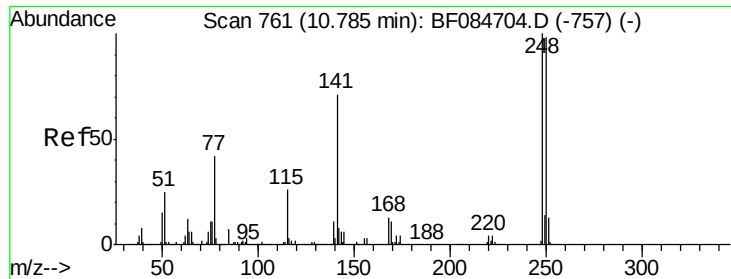
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.7	55.1#
89	1.1	61.9	92.9#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF085021.D
 Acq: 11 Feb 2016 16:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	9.0	13.4#
80	5.2	9.6	14.4#





#66

4-Bromophenyl-phenylether

Concen: 2.92 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.26 min

Lab File: BF085021.D

Acq: 11 Feb 2016 16:47

Instrument :

BNA_F

ClientSampleId :

SB03-0-1

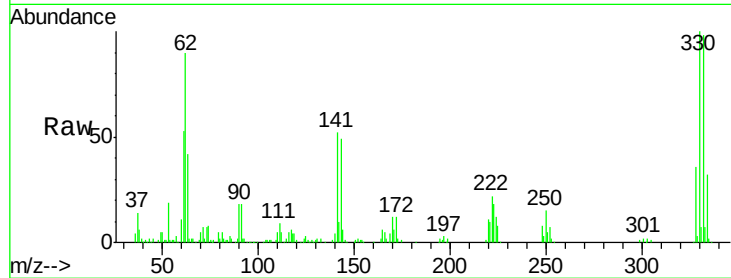
Tgt Ion:248 Resp: 18221

Ion Ratio Lower Upper

248 100

250 197.6 78.4 117.6#

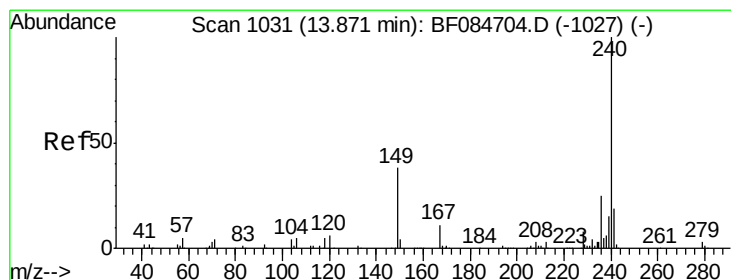
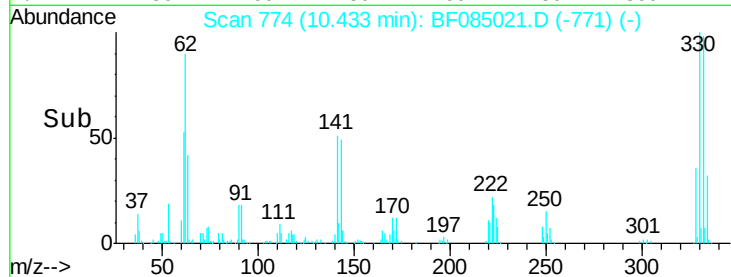
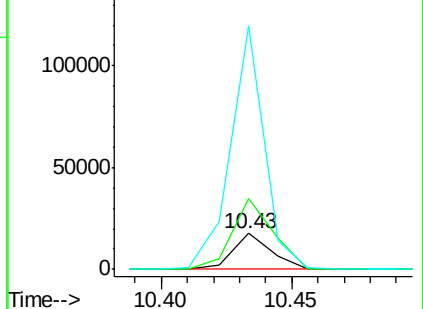
141 676.5 44.0 66.0#



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: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085021.D

Acq: 11 Feb 2016 16:47

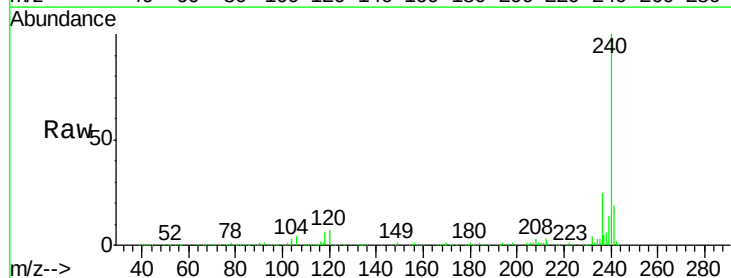
Tgt Ion:240 Resp: 414149

Ion Ratio Lower Upper

240 100

120 6.5 9.5 14.3#

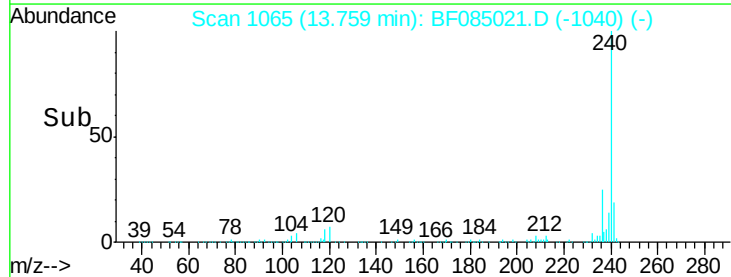
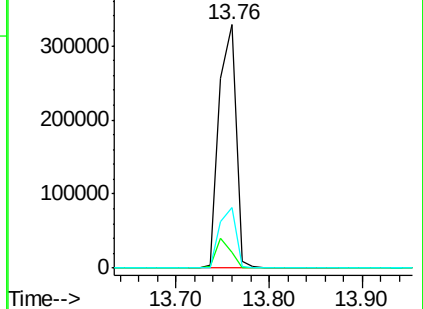
236 24.7 20.6 31.0

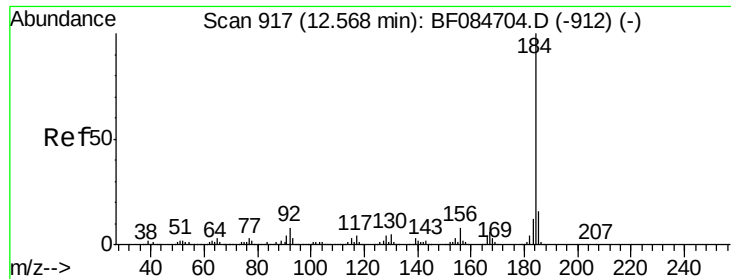


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 7.56 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.23 min

Lab File: BF085021.D

Acq: 11 Feb 2016 16:47

Instrument :

BNA_F

ClientSampleId :

SB03-0-1

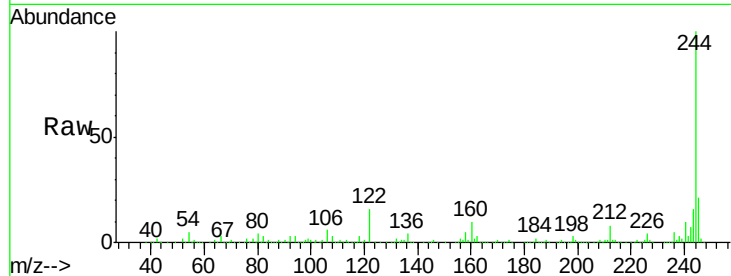
Tgt Ion:184 Resp: 14642

Ion Ratio Lower Upper

184 100

185 17.2 12.2 18.2

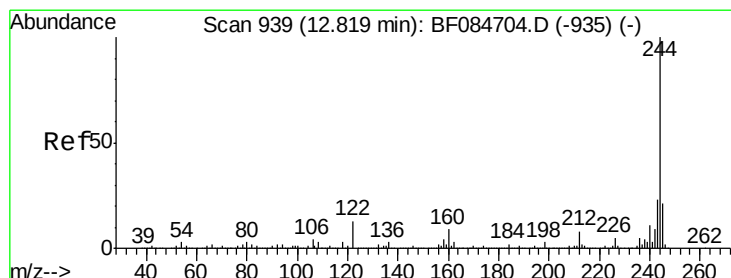
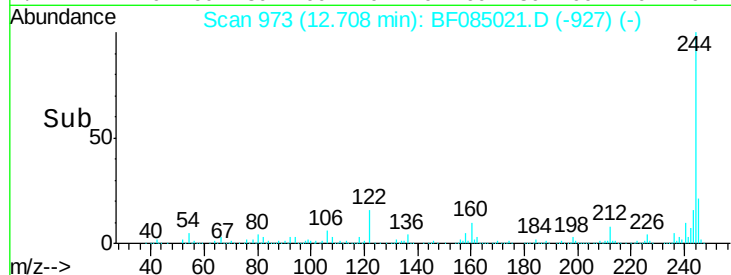
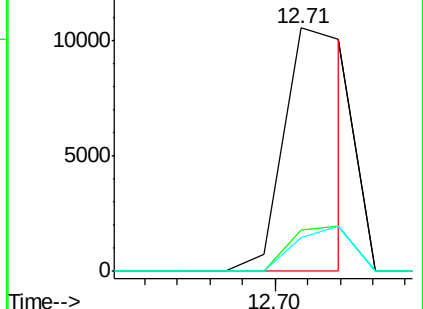
183 13.7 9.8 14.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 61.70 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085021.D

Acq: 11 Feb 2016 16:47

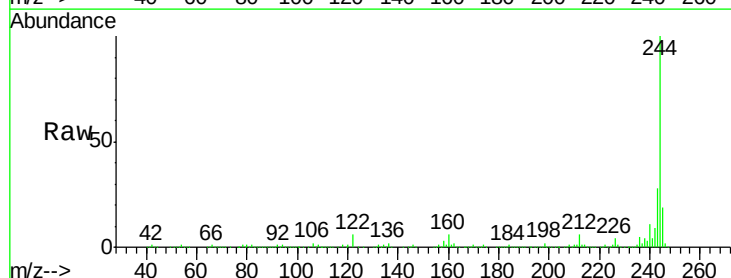
Tgt Ion:244 Resp: 1127693

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

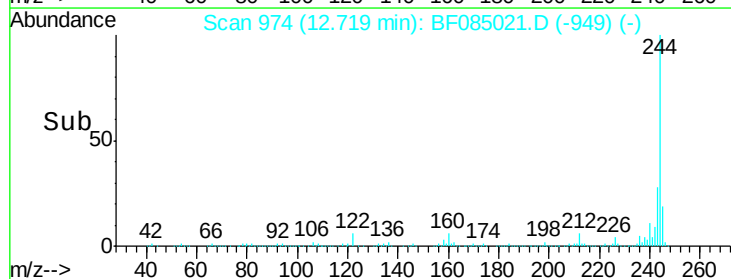
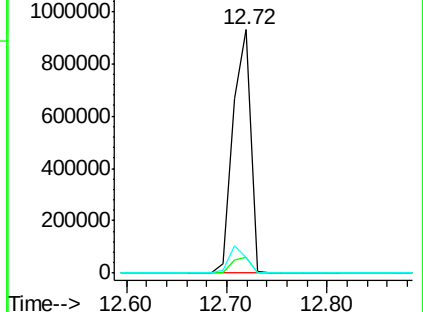
122 6.3 7.4 11.0#

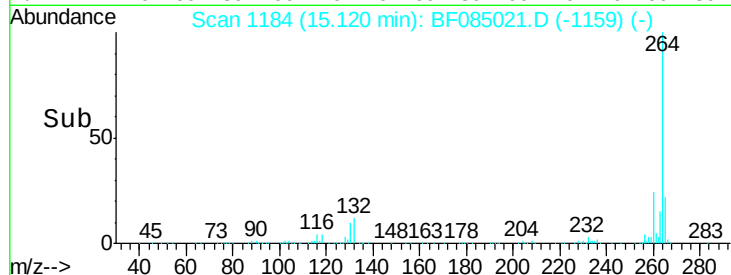
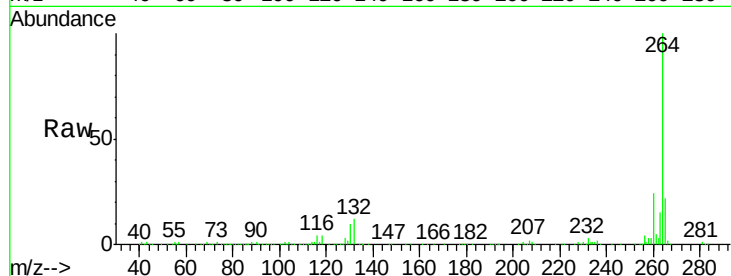
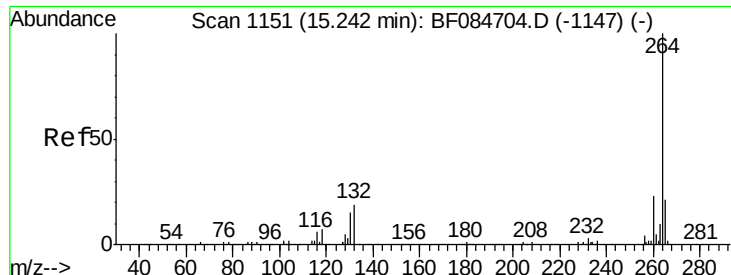


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.12 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF085021.D
Acq: 11 Feb 2016 16:47

Instrument :
BNA_F
ClientSampleId :
SB03-0-1

Tgt Ion:	264	Resp:	317952
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.0	17.8	26.6

