

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085834.D
 Acq On : 29 Mar 2016 6:37
 Operator : UM/SJ
 Sample : H1905-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-10A

Quant Time: Mar 29 06:09:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	117945	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	448135	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	188533	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	341217	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	204734	20.00	ng	-0.01
86) Perylene-d12	15.39	264	130757	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	938742	132.55	ng	0.02
7) Phenol-d6	6.46	99	1058094	117.51	ng	0.00
23) Nitrobenzene-d5	7.38	82	775353	97.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	252380	140.89	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1141101	101.12	ng	-0.01
78) Terphenyl-d14	12.93	244	1020166	102.48	ng	0.00

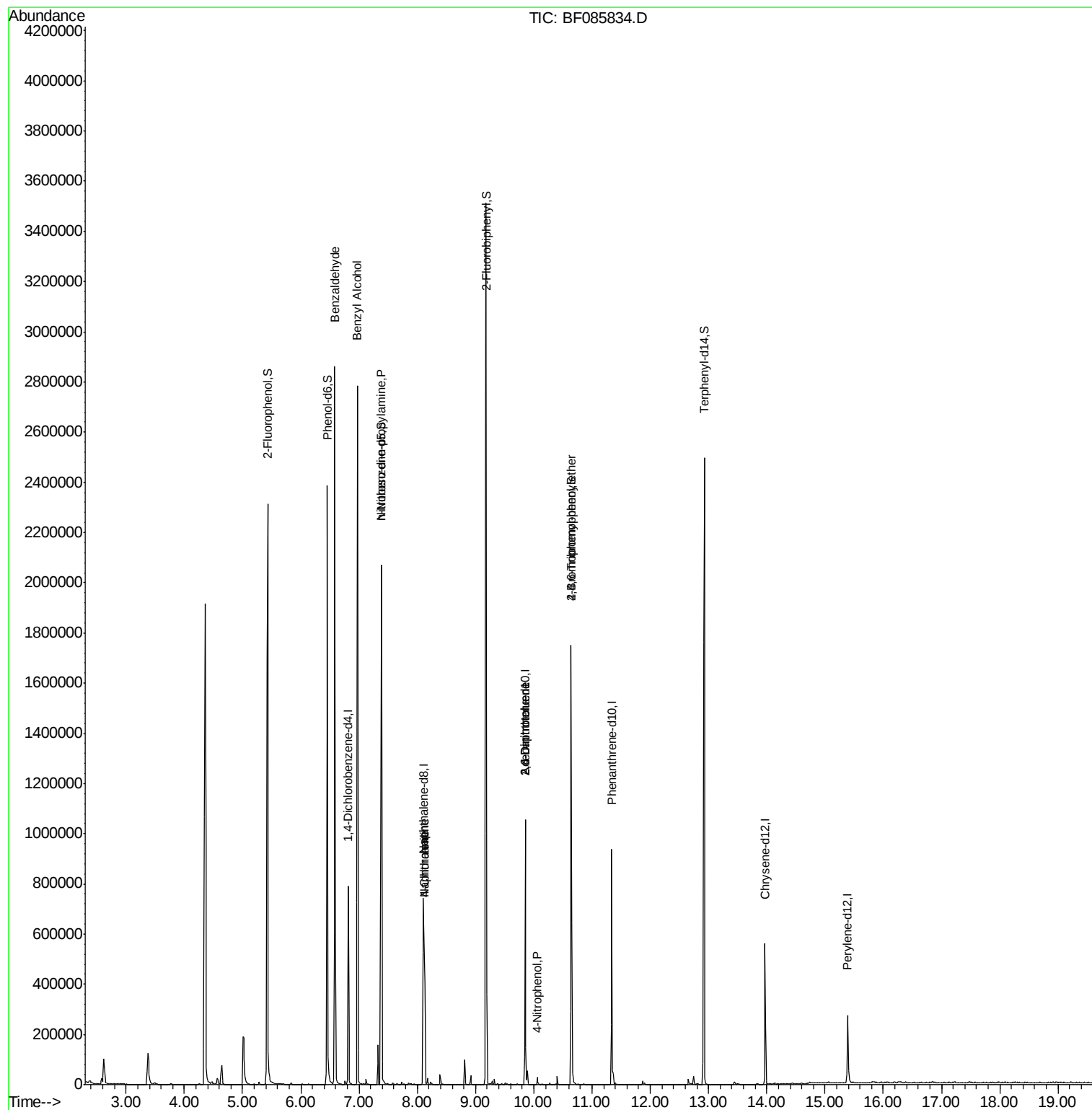
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.58	77	18411	3.39	ng	84
15) Benzyl Alcohol	6.97	79	12126	2.02	ng	# 46
19) n-Nitroso-di-n-propylamine	7.38	70	102868	19.08	ng	# 77
31) Naphthalene	8.12	128	344773	15.27	ng	99
33) 4-Chloroaniline	8.12	127	45481	4.93	ng	# 35
50) 2,6-Dinitrotoluene	9.85	165	24449	7.94	ng	# 19
55) 4-Nitrophenol	10.06	139	5085	2.21	ng	# 10
56) 2,4-Dinitrotoluene	9.85	165	24449	6.25	ng	# 37
66) 4-Bromophenyl-phenylether	10.64	248	16277	4.66	ng	# 1

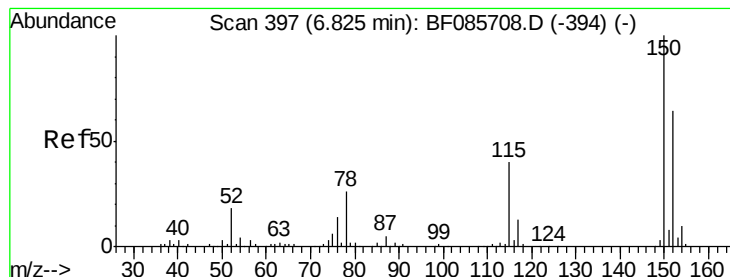
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10A

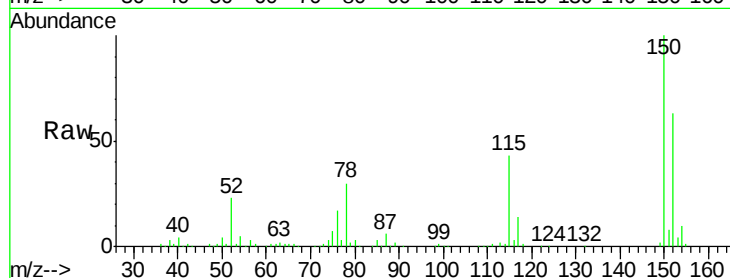
Tgt Ion:152 Resp: 117945

Ion Ratio Lower Upper

152 100

150 157.8 124.2 186.2

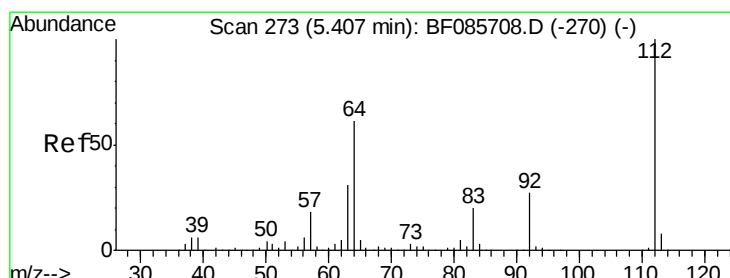
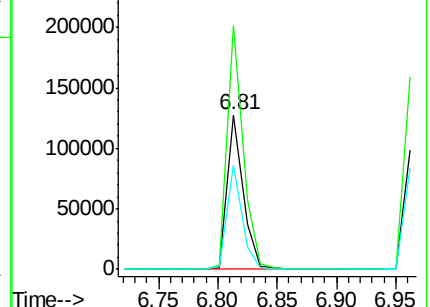
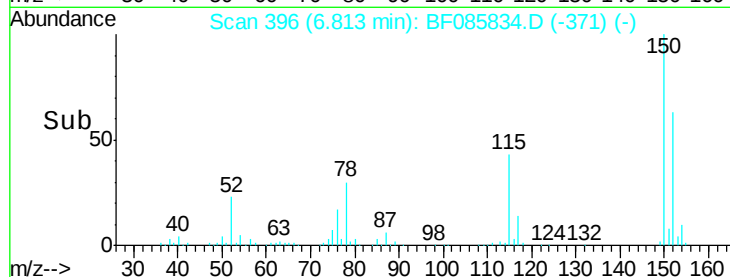
115 67.8 47.0 70.6



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: 132.55 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

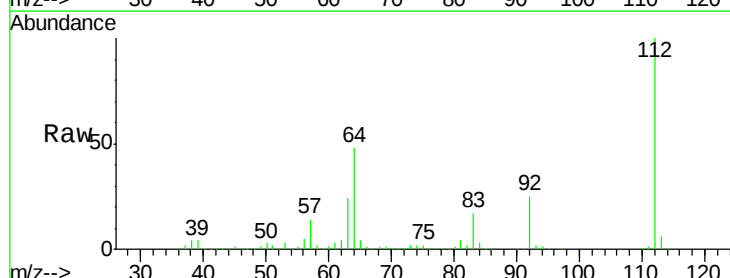
Tgt Ion:112 Resp: 938742

Ion Ratio Lower Upper

112 100

64 47.7 39.9 59.9

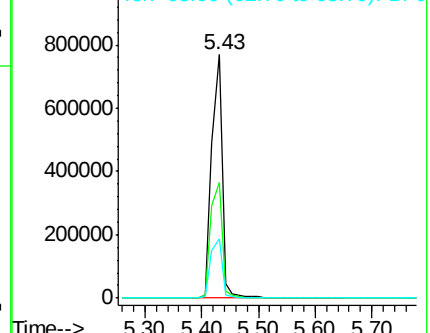
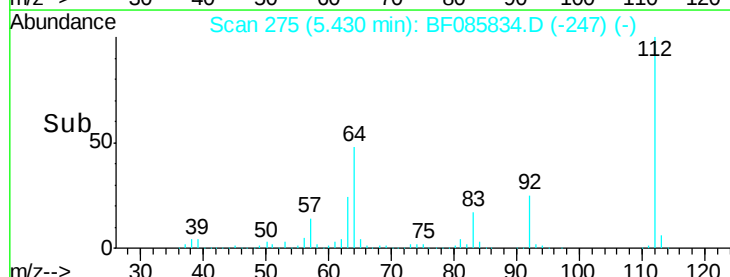
63 24.1 20.2 30.2

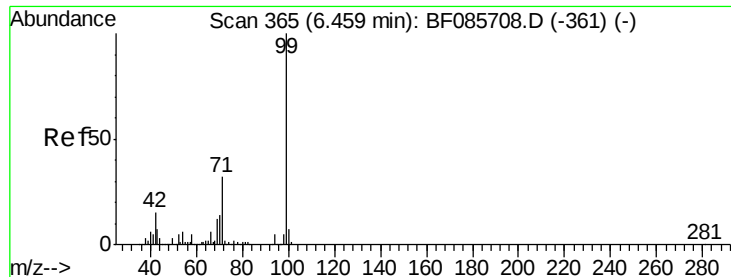


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.51 ng

RT: 6.46 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10A

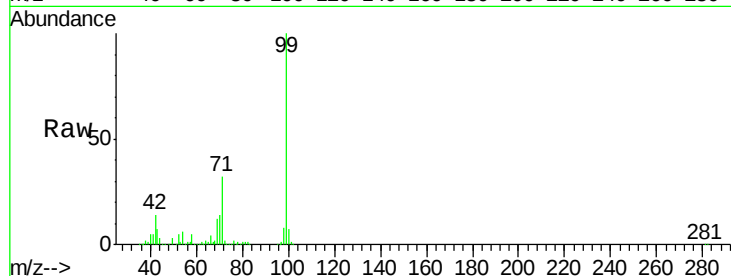
Tgt Ion: 99 Resp: 1058094

Ion Ratio Lower Upper

99 100

42 14.0 11.1 16.7

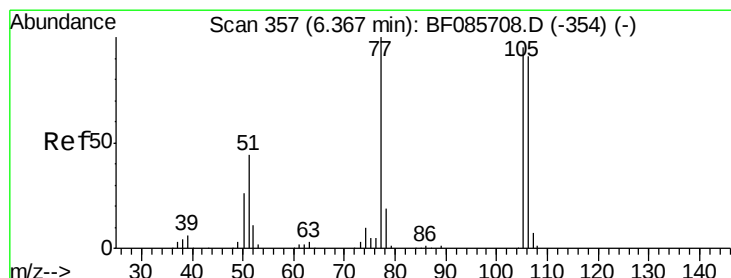
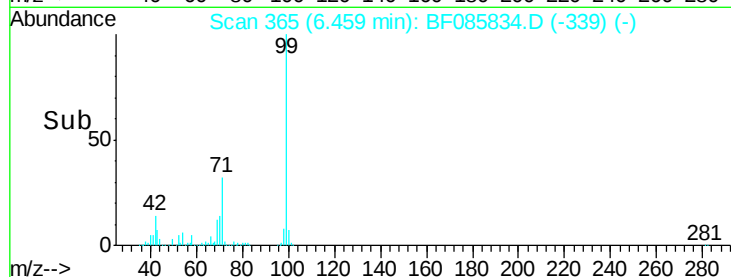
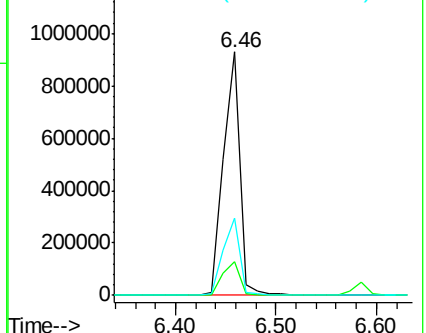
71 31.5 24.9 37.3



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: 3.39 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

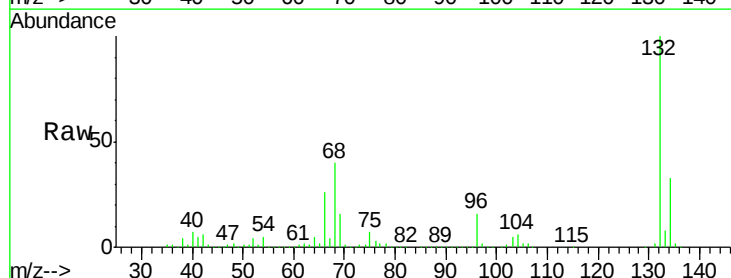
Tgt Ion: 77 Resp: 18411

Ion Ratio Lower Upper

77 100

105 82.8 80.1 120.1

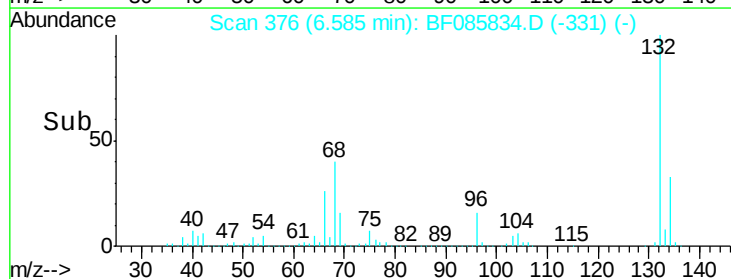
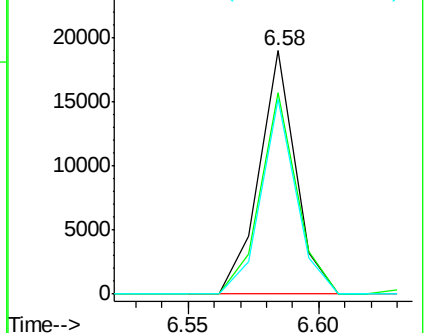
106 80.3 75.0 115.0

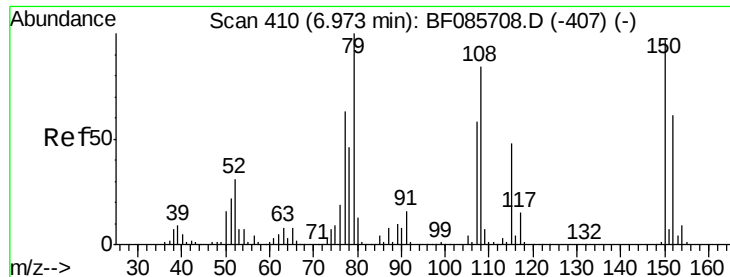


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.97 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

Instrument :

BNA_F

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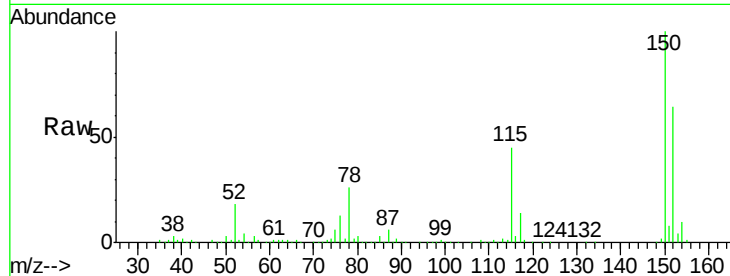
Tgt Ion: 79 Resp: 12126

Ion Ratio Lower Upper

79 100

108 36.0 61.8 92.6#

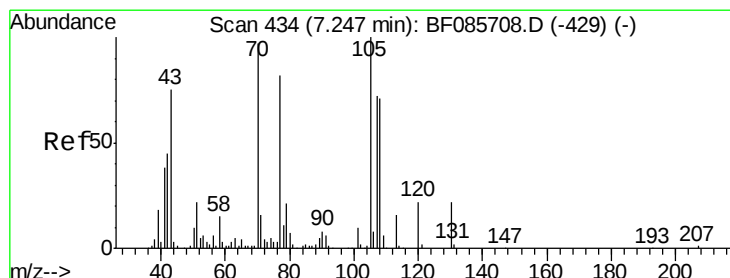
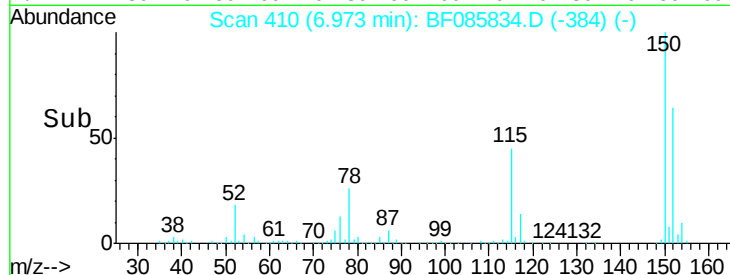
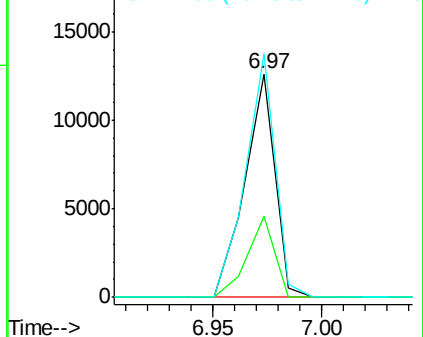
77 108.8 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 19.08 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.14 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

Tgt Ion: 70 Resp: 102868

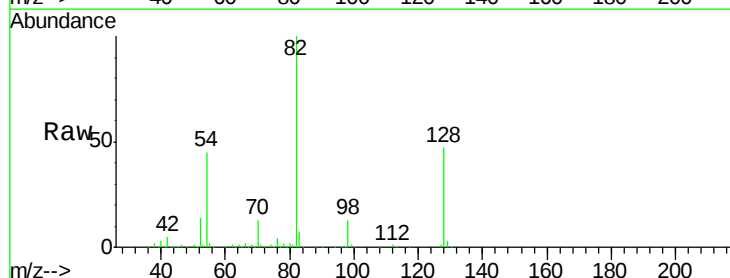
Ion Ratio Lower Upper

70 100

42 39.1 37.1 55.7

101 0.0 8.6 12.8#

130 2.4 19.6 29.4#

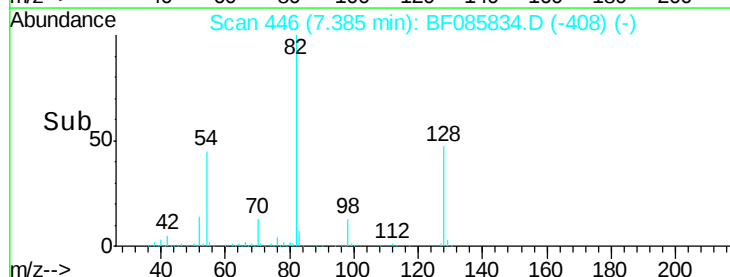
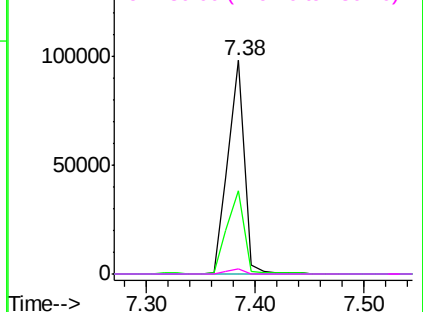


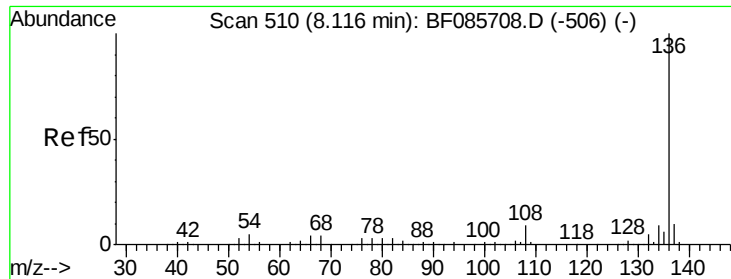
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

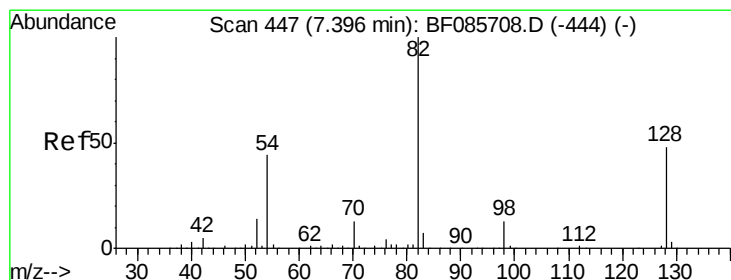
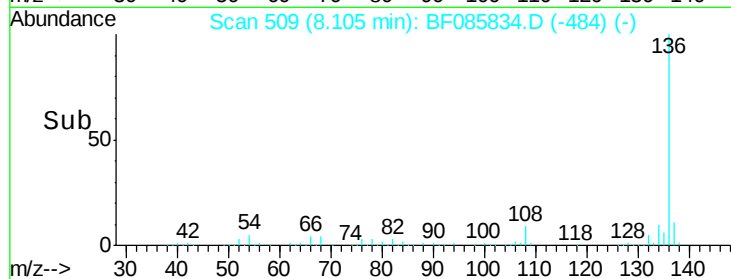
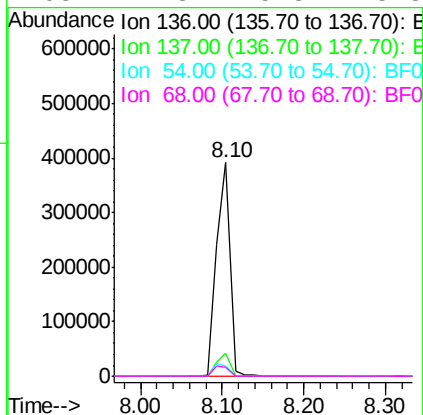
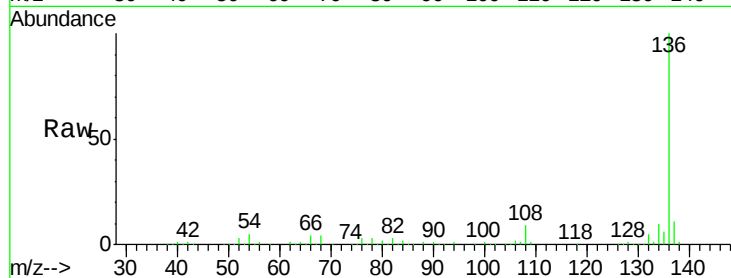




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085834.D
Acq: 29 Mar 2016 6:37

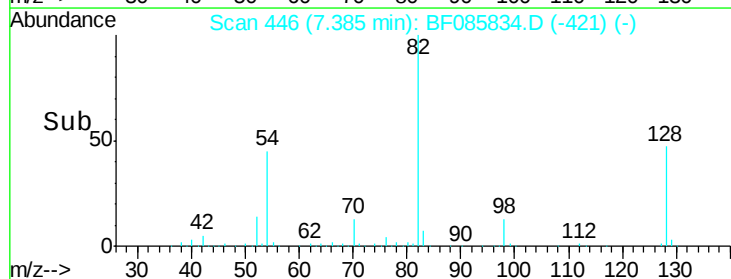
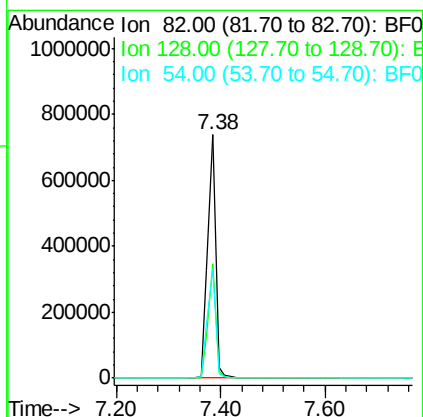
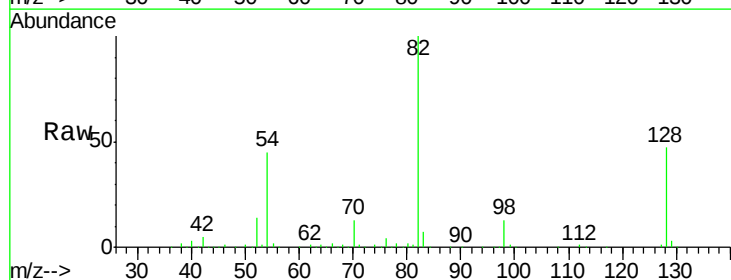
Instrument :
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TRACK-D-GRID-10A

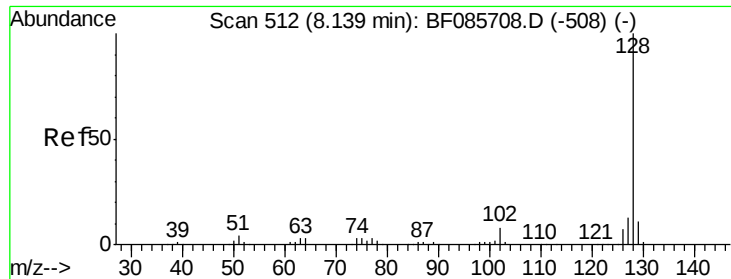
Tgt Ion:	136	Resp:	448135
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	4.9	7.4	11.0#
68	4.3	5.8	8.8#



#23
Nitrobenzene-d5
Concen: 97.43 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085834.D
Acq: 29 Mar 2016 6:37

Tgt Ion:	82	Resp:	775353
Ion	Ratio	Lower	Upper
82	100		
128	47.1	41.8	62.8
54	44.6	33.4	50.0

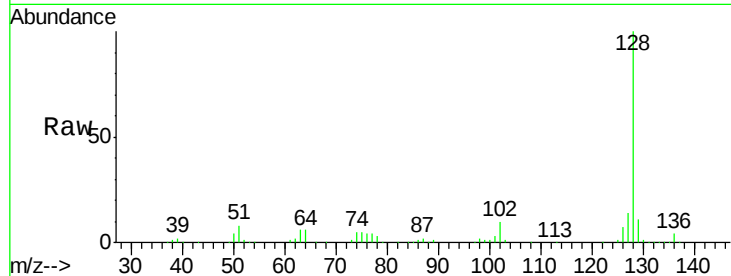




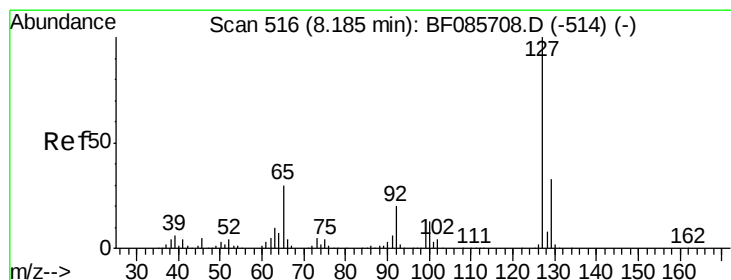
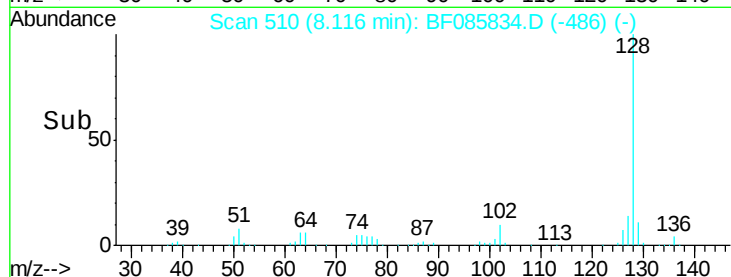
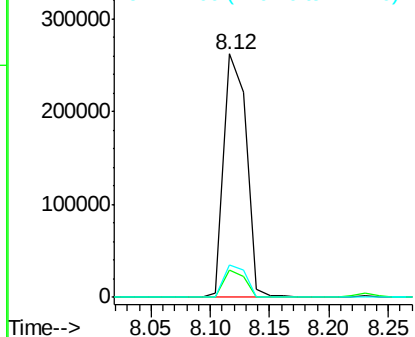
#31
Naphthalene
Concen: 15.27 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085834.D
Acq: 29 Mar 2016 6:37

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10A

Tgt Ion:128 Resp: 344773
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.5 11.0 16.6

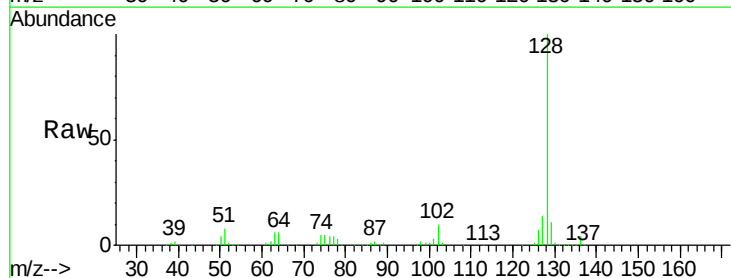


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

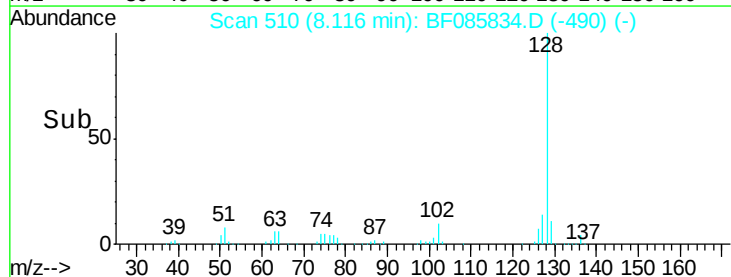
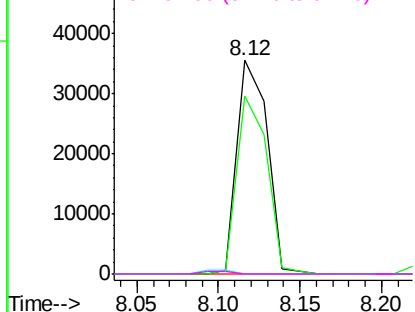


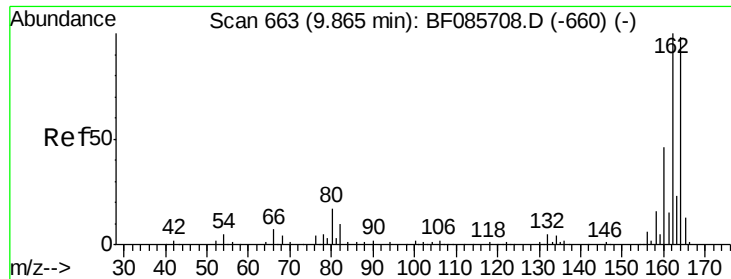
#33
4-Chloroaniline
Concen: 4.93 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.07 min
Lab File: BF085834.D
Acq: 29 Mar 2016 6:37

Tgt Ion:127 Resp: 45481
Ion Ratio Lower Upper
127 100
129 83.2 26.1 39.1#
65 0.0 19.5 29.3#
92 0.0 14.6 22.0#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10A

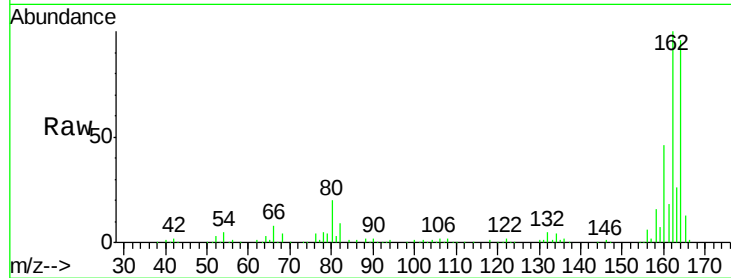
Tgt Ion:164 Resp: 188533

Ion Ratio Lower Upper

164 100

162 103.7 82.1 123.1

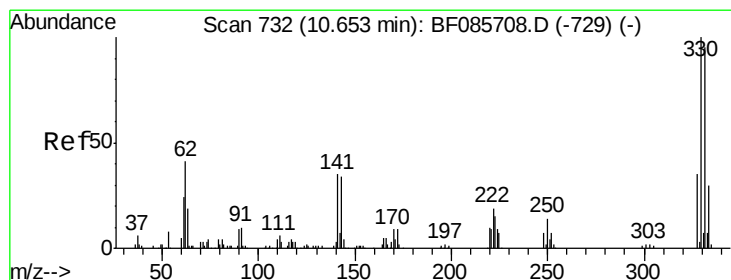
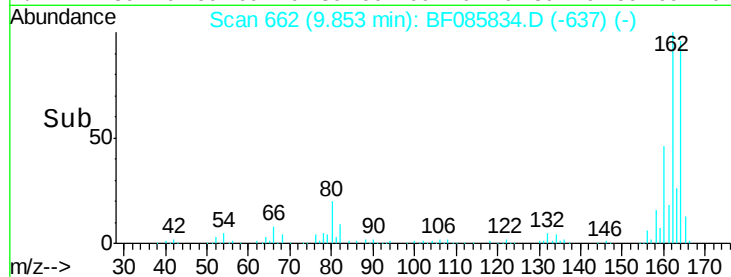
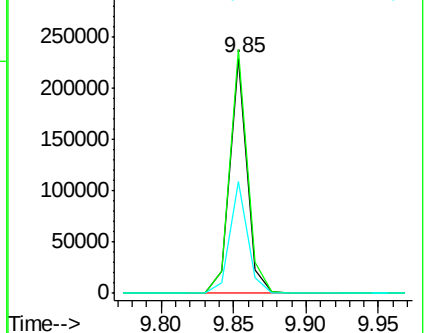
160 47.8 37.4 56.2



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: 140.89 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

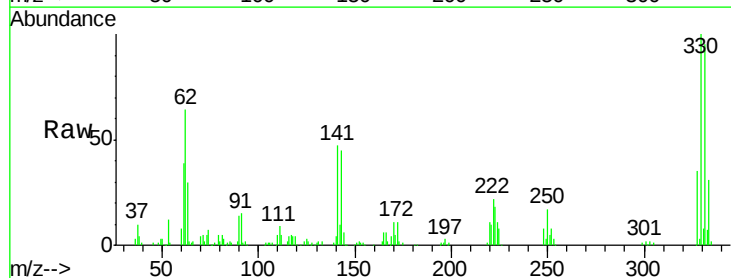
Tgt Ion:330 Resp: 252380

Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.2

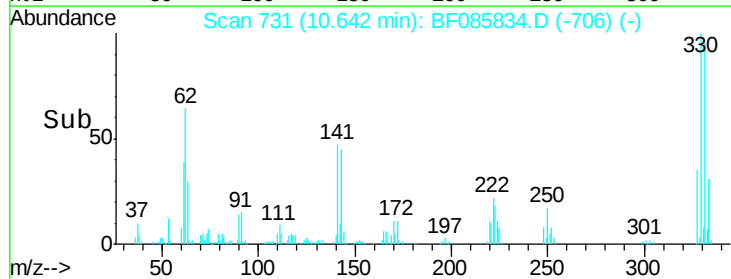
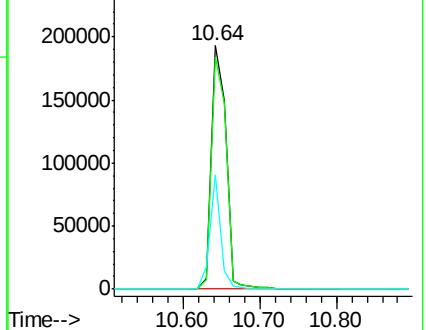
141 35.0 31.5 47.3

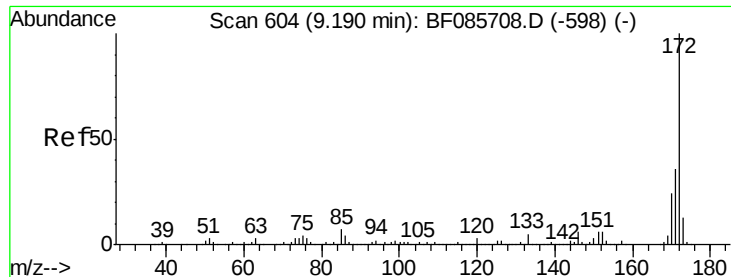


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

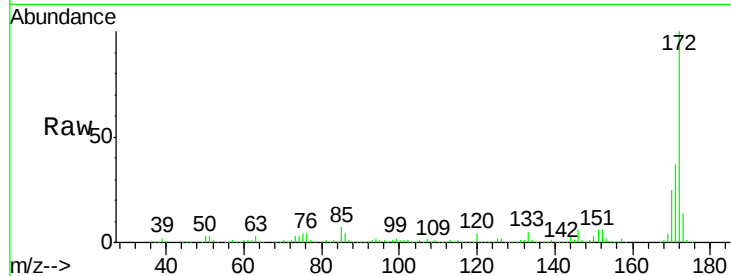




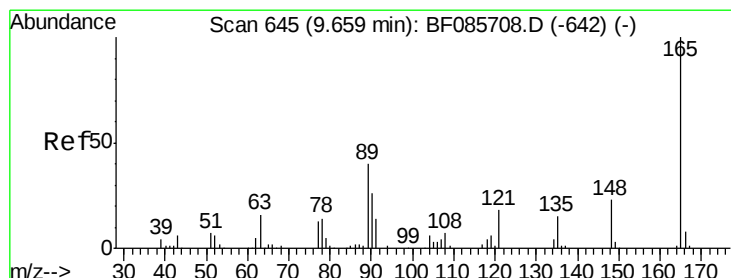
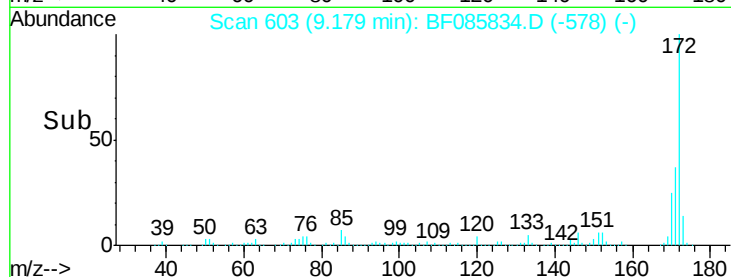
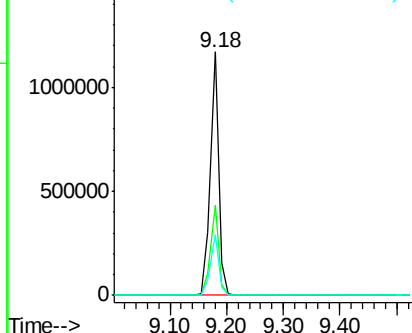
#44
 2-Fluorobiphenyl
 Concen: 101.12 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085834.D
 Acq: 29 Mar 2016 6:37

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-10A

Tgt Ion:172 Resp: 1141101
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 25.0 19.8 29.6

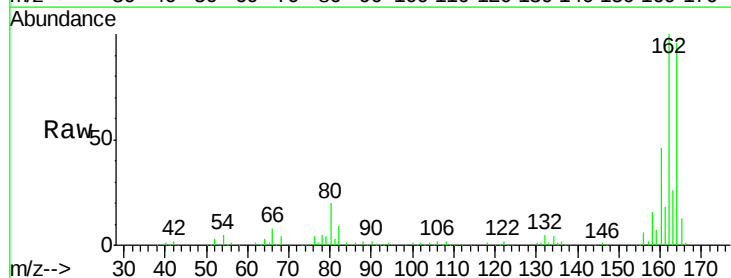


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

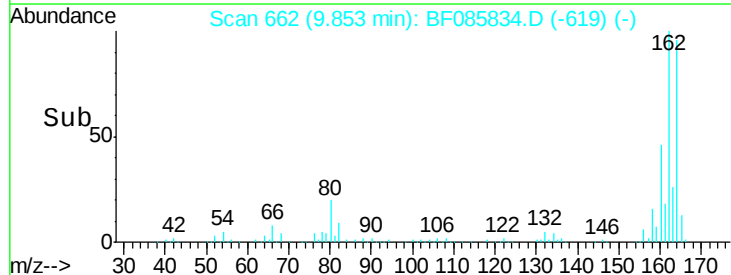
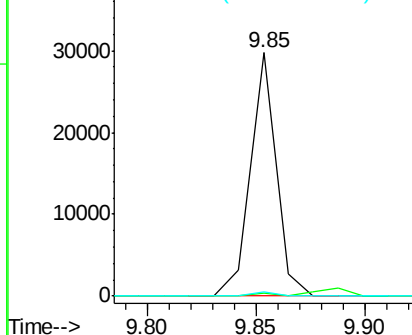


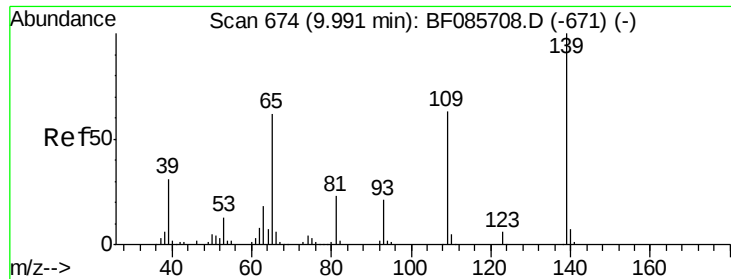
#50
 2,6-Dinitrotoluene
 Concen: 7.94 ng
 RT: 9.85 min Scan# 662
 Delta R.T. 0.19 min
 Lab File: BF085834.D
 Acq: 29 Mar 2016 6:37

Tgt Ion:165 Resp: 24449
 Ion Ratio Lower Upper
 165 100
 63 1.2 51.8 77.8#
 89 1.8 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





#55

4-Nitrophenol

Concen: 2.21 ng

RT: 10.06 min Scan# 680

Delta R.T. 0.07 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10A

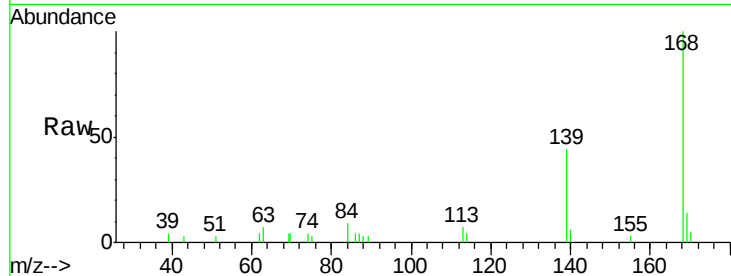
Tgt Ion:139 Resp: 5085

Ion Ratio Lower Upper

139 100

109 0.0 49.2 89.2#

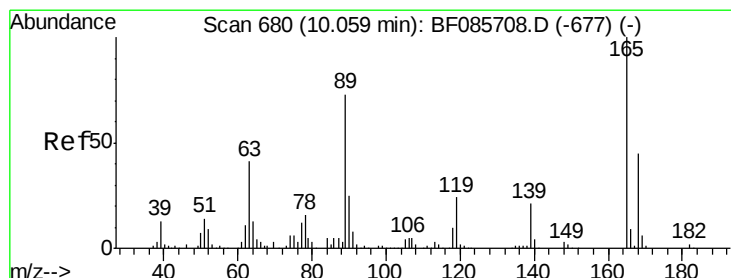
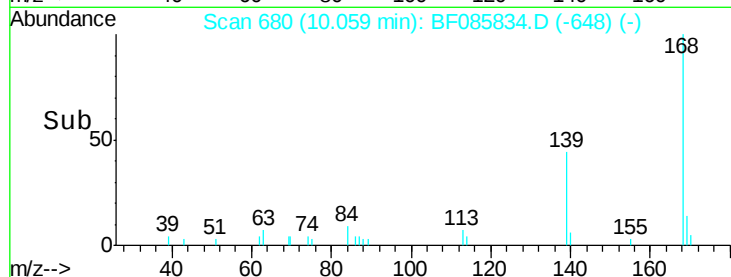
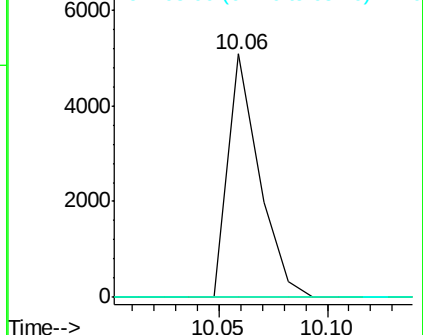
65 0.0 66.9 106.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 6.25 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.21 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

Tgt Ion:165 Resp: 24449

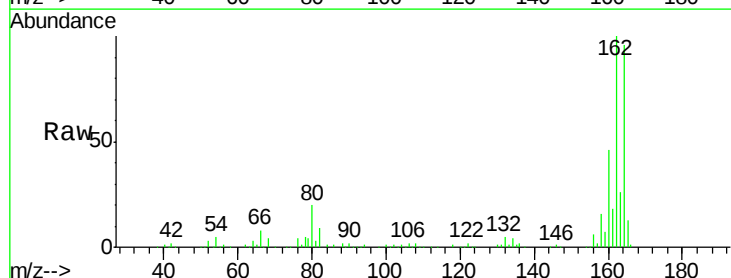
Ion Ratio Lower Upper

165 100

63 1.2 24.9 37.3#

89 1.8 41.0 61.6#

182 0.0 2.1 3.1#

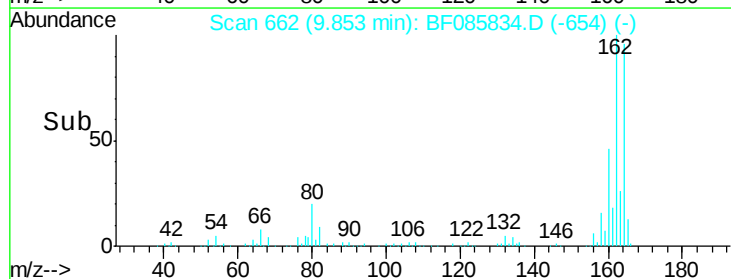
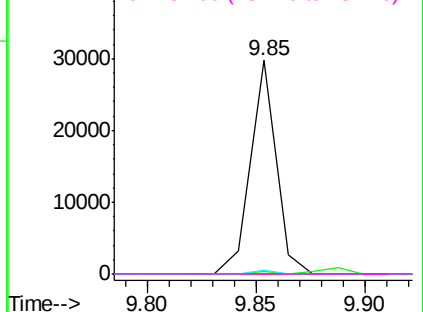


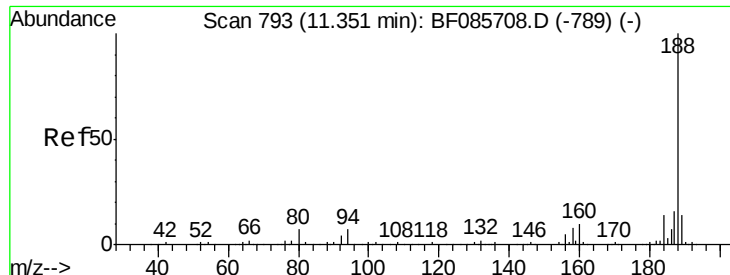
Abundance Ion 165.00 (164.70 to 165.70): E

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

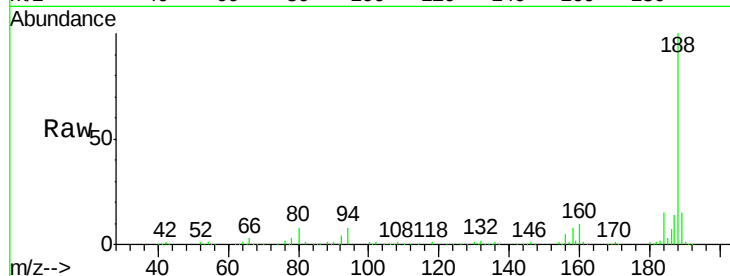




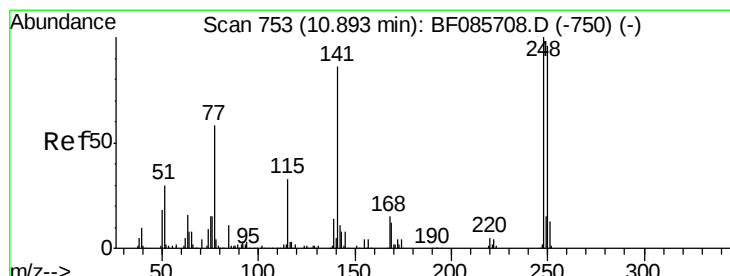
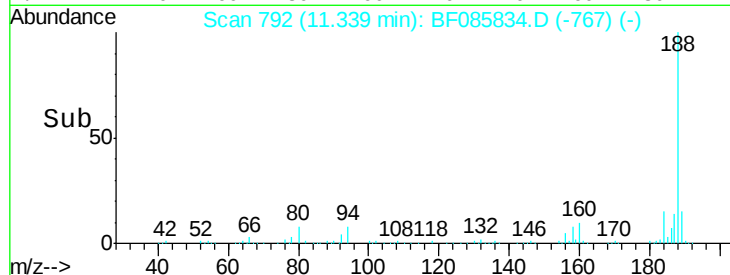
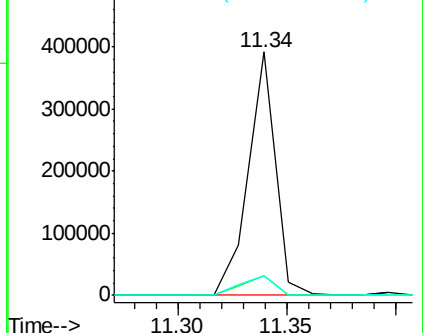
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085834.D
 Acq: 29 Mar 2016 6:37

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-10A

Tgt Ion:188 Resp: 341217
 Ion Ratio Lower Upper
 188 100
 94 8.2 5.4 8.0#
 80 8.3 5.5 8.3#

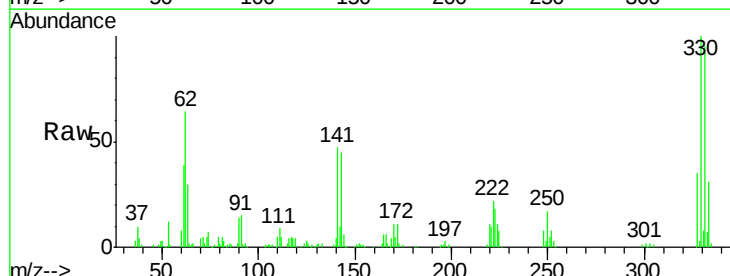


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

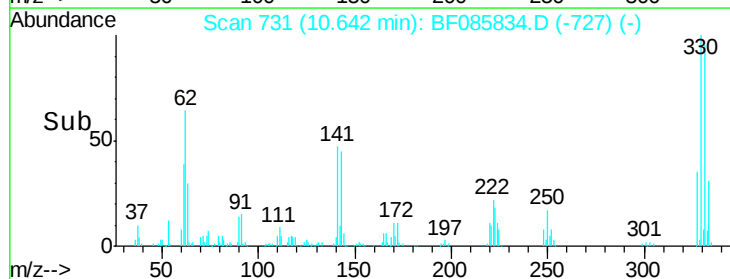
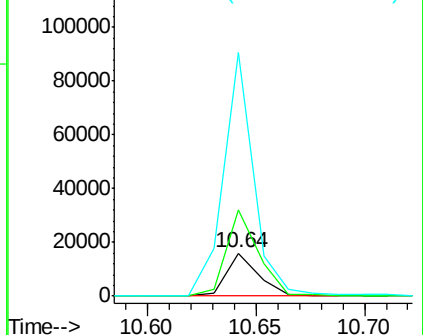


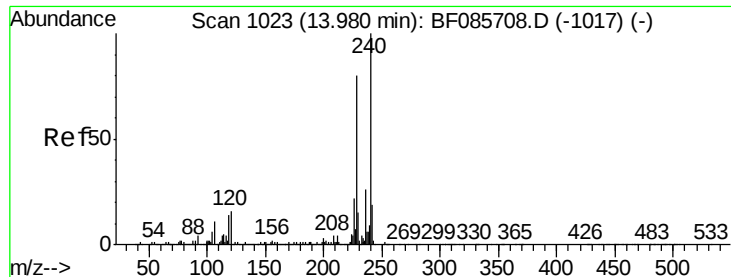
#66
 4-Bromophenyl-phenylether
 Concen: 4.66 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.25 min
 Lab File: BF085834.D
 Acq: 29 Mar 2016 6:37

Tgt Ion:248 Resp: 16277
 Ion Ratio Lower Upper
 248 100
 250 200.8 77.4 116.0#
 141 564.5 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: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10A

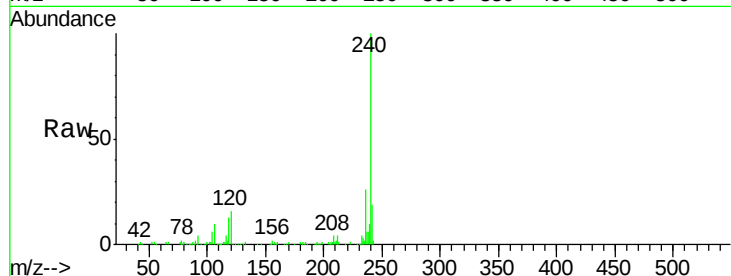
Tgt Ion:240 Resp: 204734

Ion Ratio Lower Upper

240 100

120 15.9 13.8 20.8

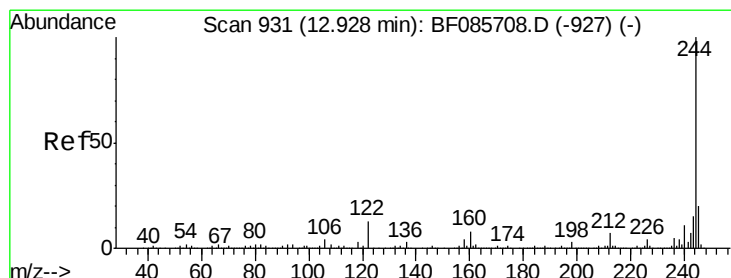
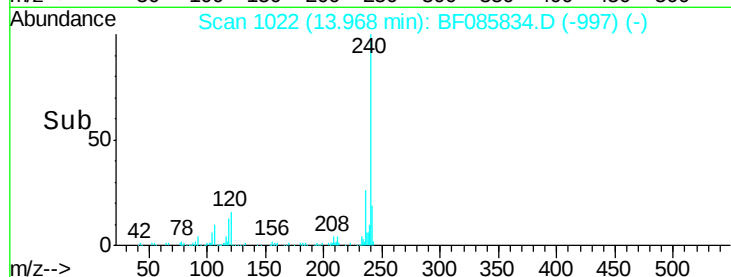
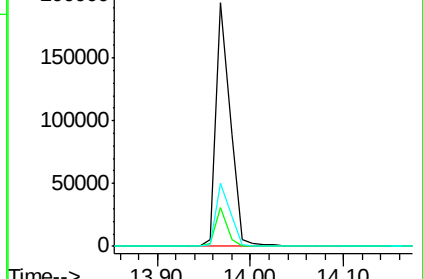
236 26.2 20.6 30.8



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: 102.48 ng

RT: 12.93 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

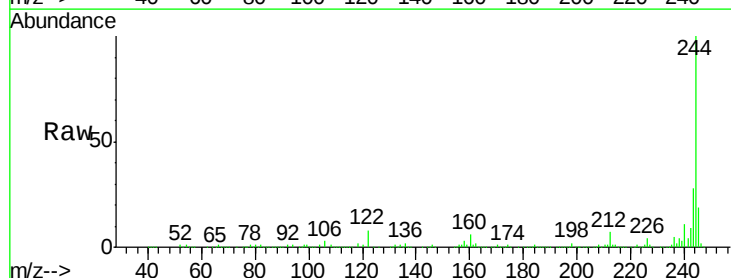
Tgt Ion:244 Resp: 1020166

Ion Ratio Lower Upper

244 100

212 6.7 6.1 9.1

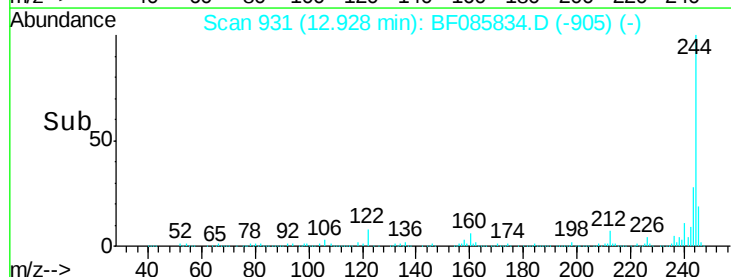
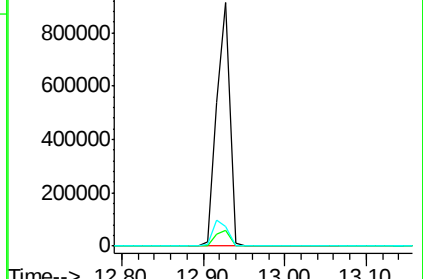
122 7.9 10.2 15.4#

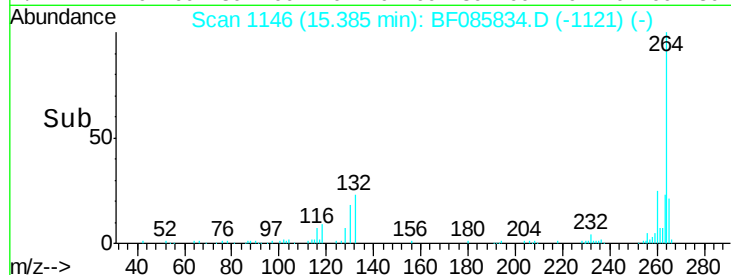
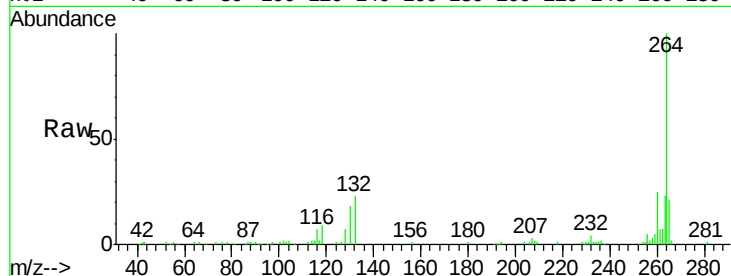
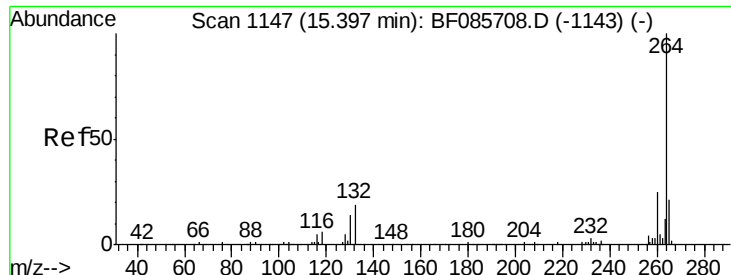


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.39 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF085834.D

Acq: 29 Mar 2016 6:37

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10A

Tgt Ion: 264 Resp: 130757

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.2

265 21.1 17.2 25.8

