

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085574.D
 Acq On : 19 Mar 2016 15:50
 Operator : UM/SJ
 Sample : H1837-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-11A

Quant Time: Mar 20 23:58:42 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

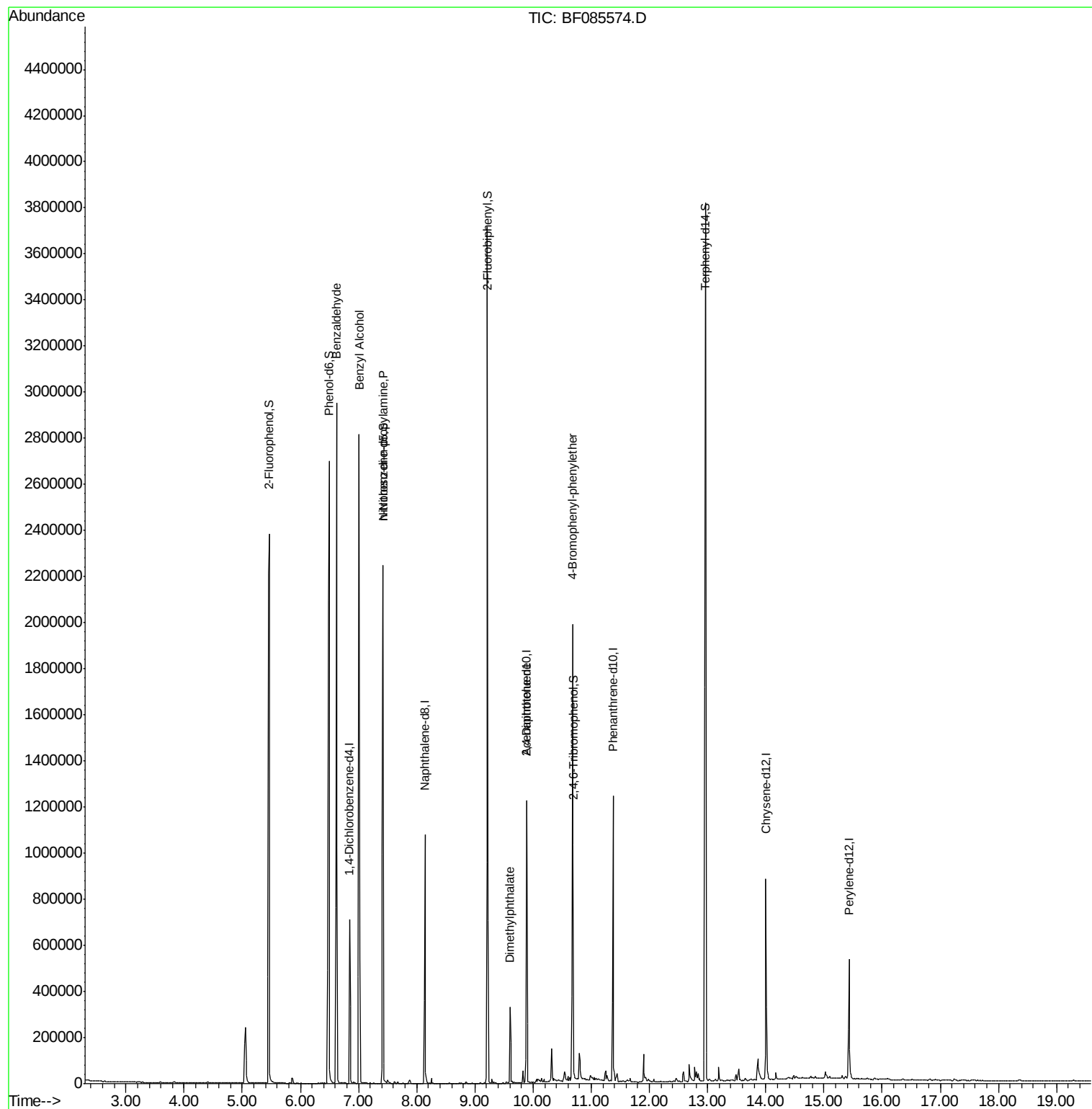
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121574	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	519710	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	231969	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	448939	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	306231	20.00	ng	-0.01
86) Perylene-d12	15.43	264	223296	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1107467	153.01	ng	0.01
7) Phenol-d6	6.49	99	1443896	155.54	ng	0.00
23) Nitrobenzene-d5	7.42	82	842847	94.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	333295	146.68	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1262365	95.91	ng	-0.01
78) Terphenyl-d14	12.96	244	1316660	103.46	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	21010	2.58	ng	86
15) Benzyl Alcohol	7.01	79	13141	2.07	ng	# 47
19) n-Nitroso-di-n-propylamine	7.42	70	111986	20.20	ng	# 77
49) Dimethylphthalate	9.60	163	158162	9.04	ng	99
56) 2,4-Dinitrotoluene	9.89	165	29893	6.18	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	19744	4.40	ng	# 1

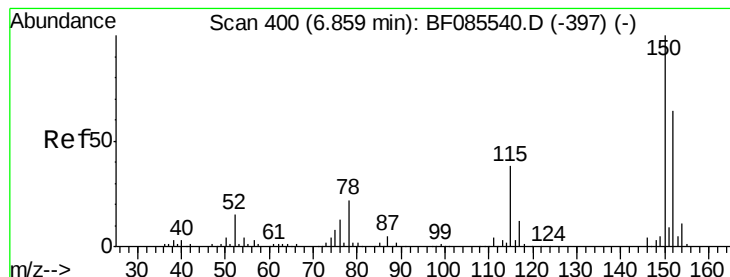
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085574.D

Acq: 19 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-11A

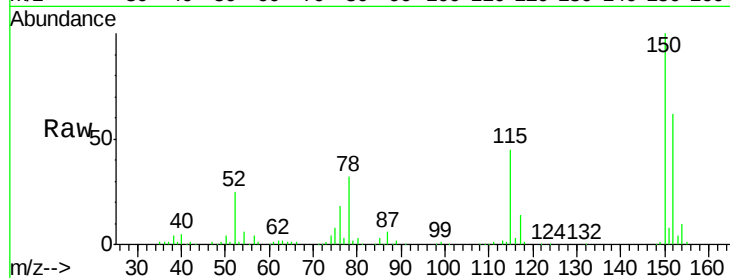
Tgt Ion:152 Resp: 121574

Ion Ratio Lower Upper

152 100

150 160.8 124.2 186.2

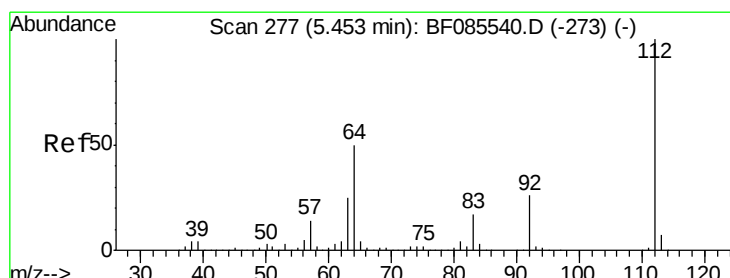
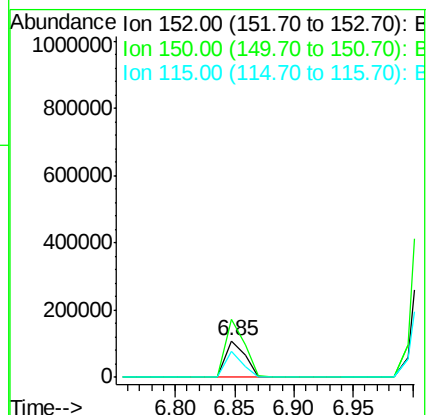
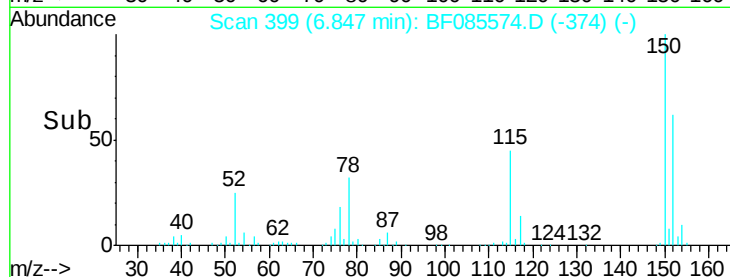
115 72.7 47.0 70.6#



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: 153.01 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085574.D

Acq: 19 Mar 2016 15:50

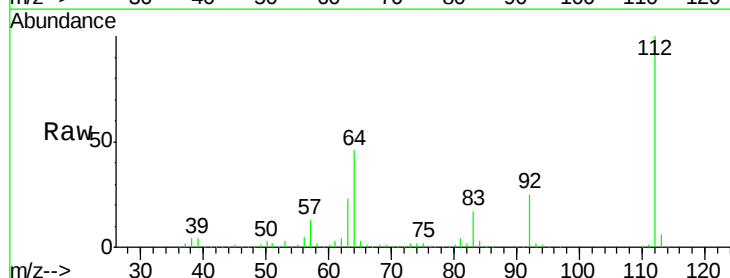
Tgt Ion:112 Resp: 1107467

Ion Ratio Lower Upper

112 100

64 46.2 39.9 59.9

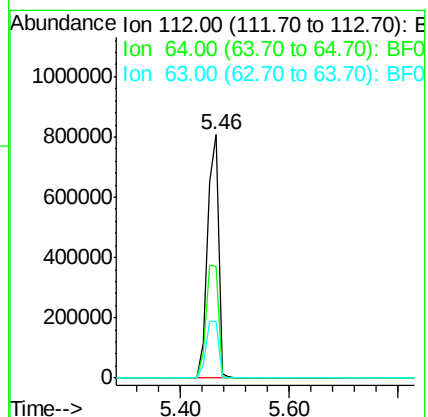
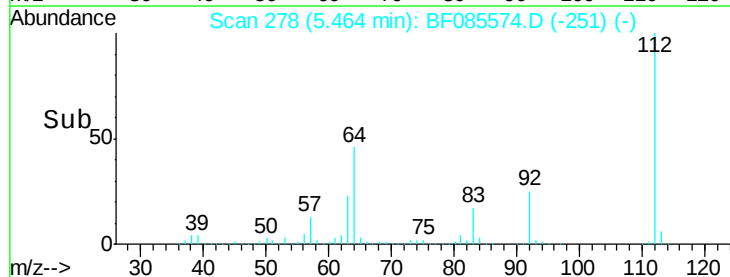
63 23.1 20.2 30.2

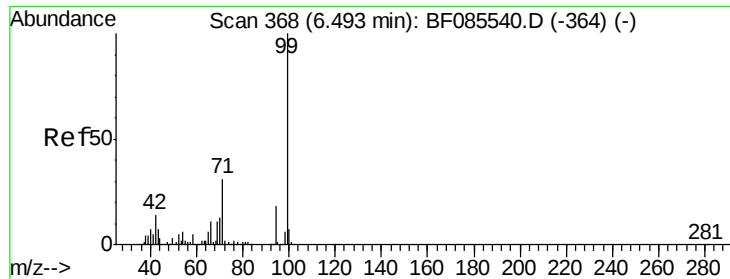


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 155.54 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085574.D

Acq: 19 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-11A

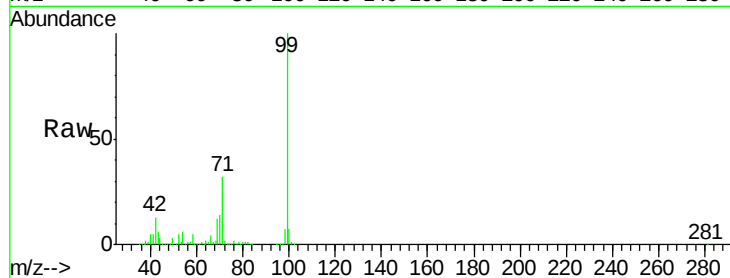
Tgt Ion: 99 Resp: 1443896

Ion Ratio Lower Upper

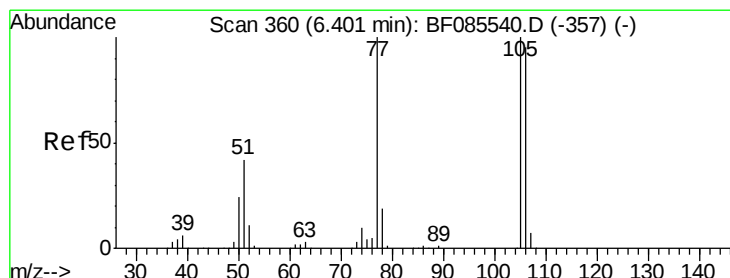
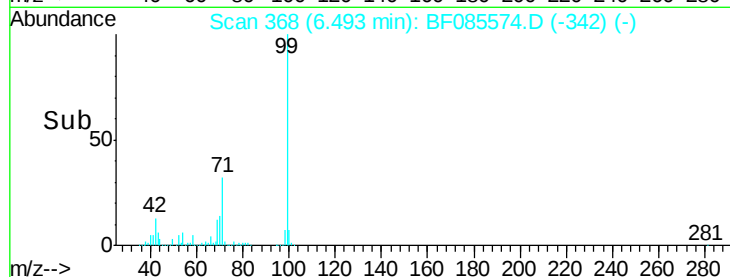
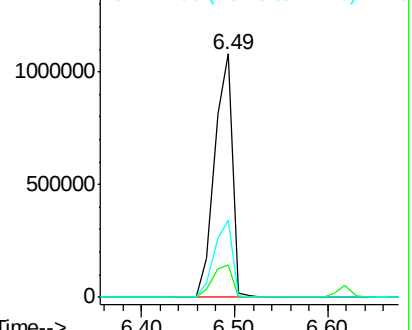
99 100

42 13.1 11.1 16.7

71 31.7 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: 2.58 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.22 min

Lab File: BF085574.D

Acq: 19 Mar 2016 15:50

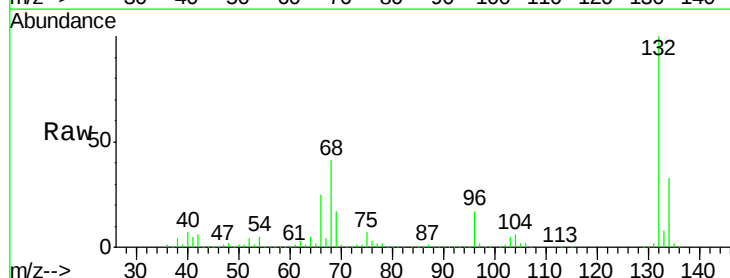
Tgt Ion: 77 Resp: 21010

Ion Ratio Lower Upper

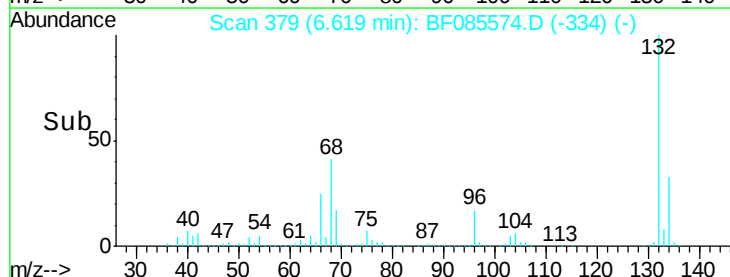
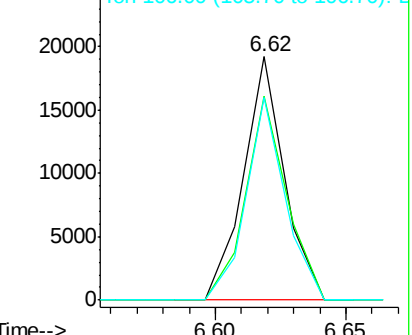
77 100

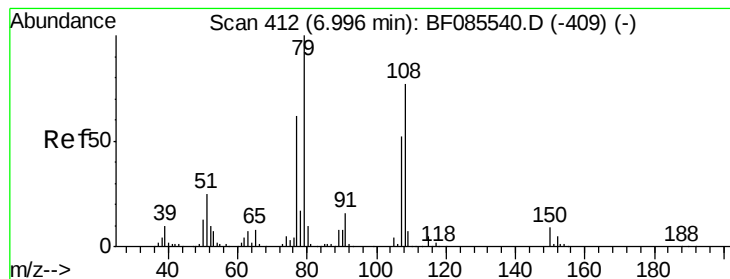
105 83.7 80.1 120.1

106 83.4 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF085574.D

Acq: 19 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-11A

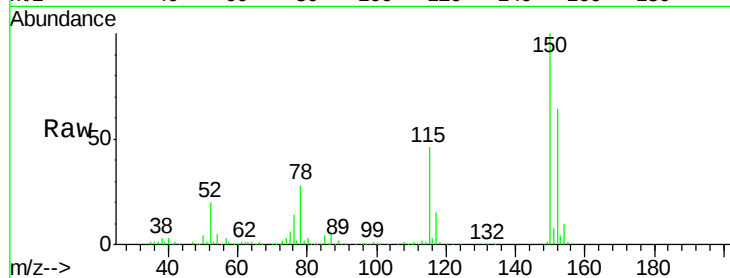
Tgt Ion: 79 Resp: 13141

Ion Ratio Lower Upper

79 100

108 30.5 61.8 92.6#

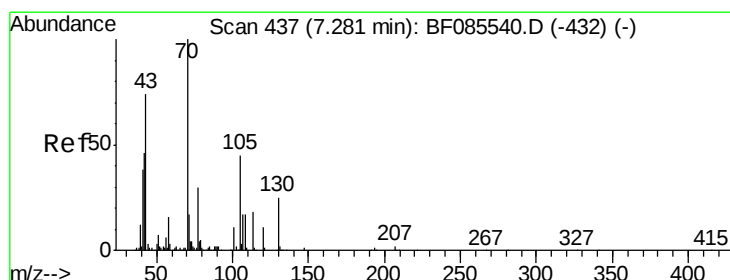
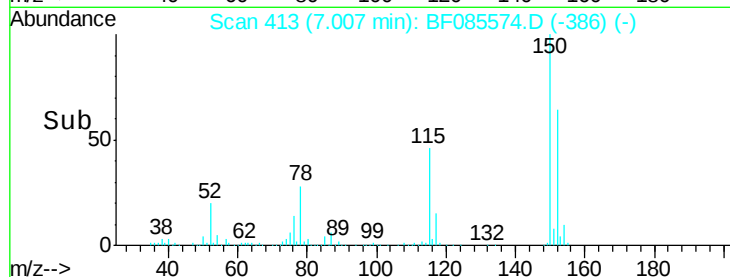
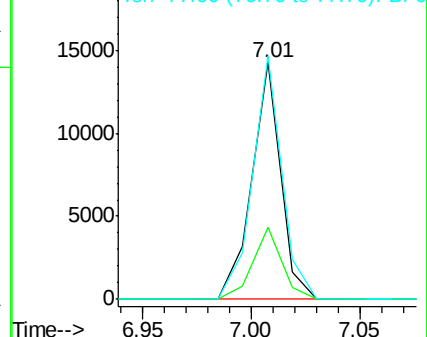
77 102.7 49.6 74.4#



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: 20.20 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF085574.D

Acq: 19 Mar 2016 15:50

Tgt Ion: 70 Resp: 111986

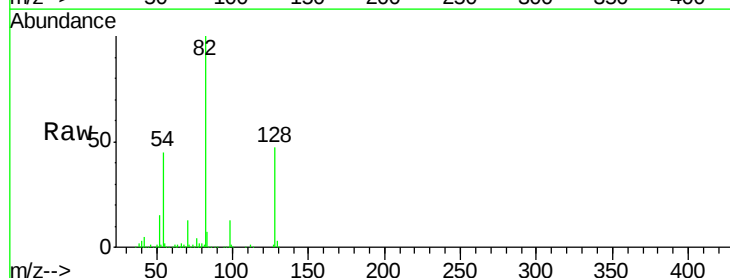
Ion Ratio Lower Upper

70 100

42 39.9 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

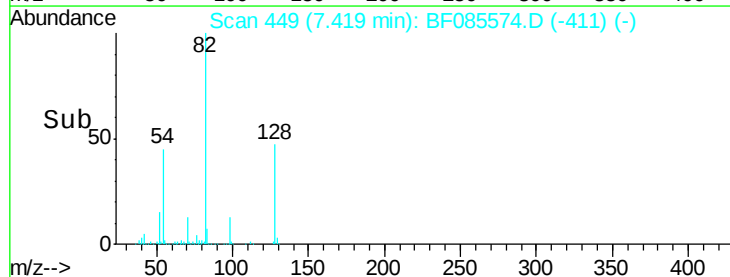
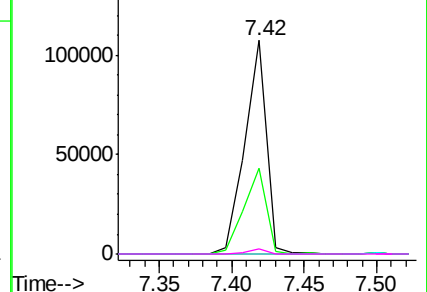


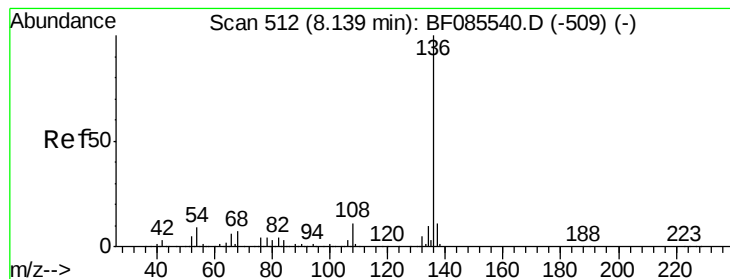
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085574.D

Acq: 19 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-11A

Tgt Ion:136 Resp: 519710

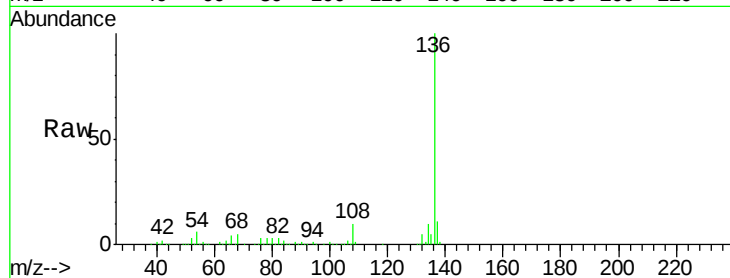
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.8 7.4 11.0#

68 5.0 5.8 8.8#

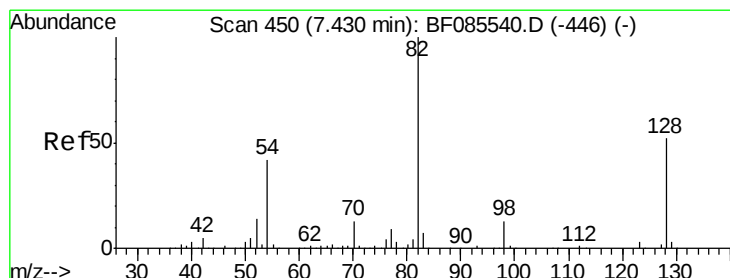
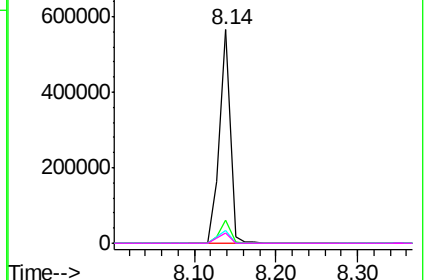
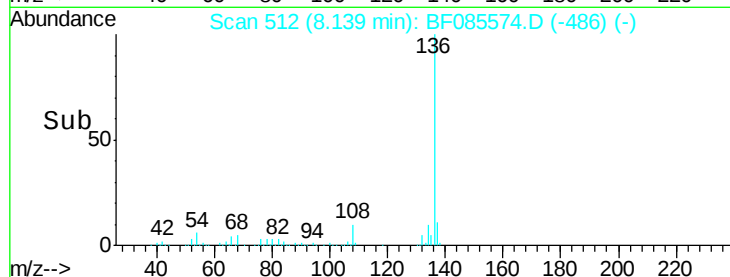


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 94.14 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085574.D

Acq: 19 Mar 2016 15:50

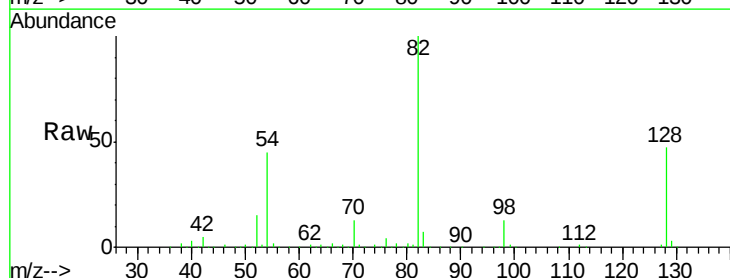
Tgt Ion: 82 Resp: 842847

Ion Ratio Lower Upper

82 100

128 46.8 41.8 62.8

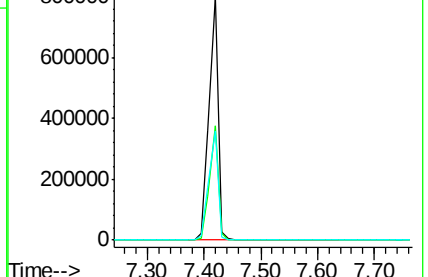
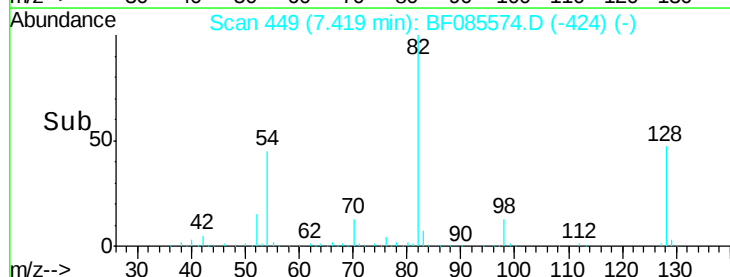
54 44.6 33.4 50.0

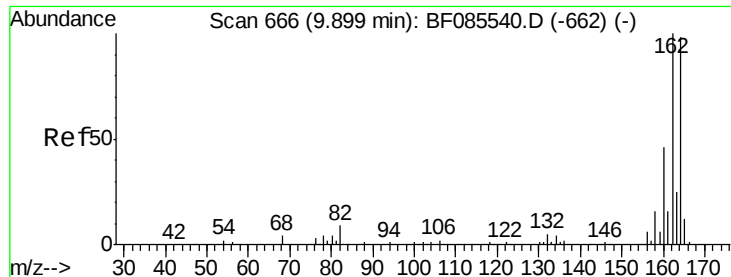


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

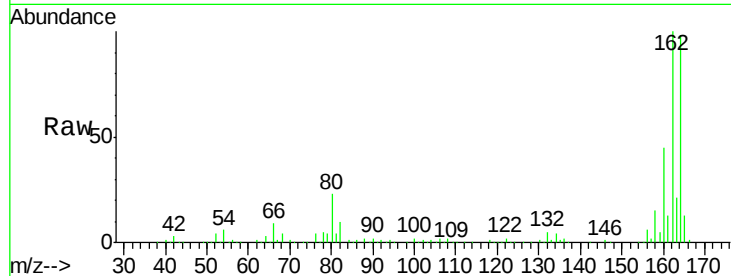




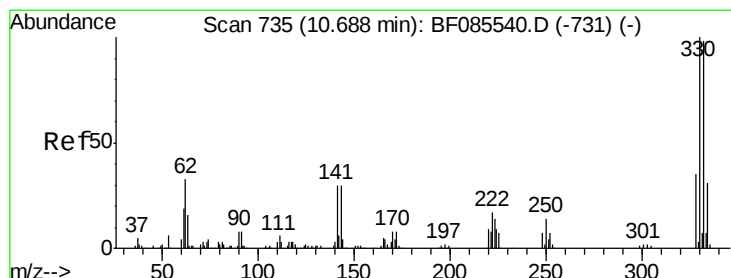
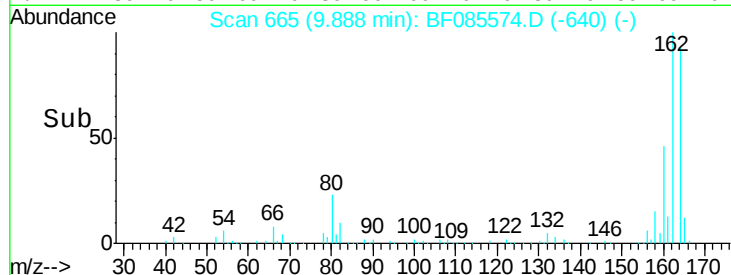
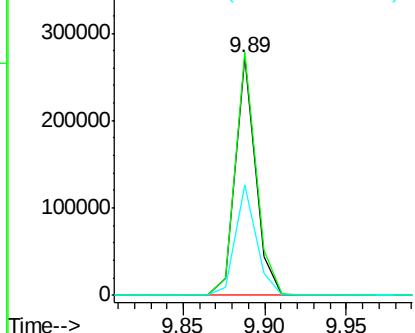
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085574.D
 Acq: 19 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-11A

Tgt Ion:164 Resp: 231969
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.1 123.1
 160 46.4 37.4 56.2

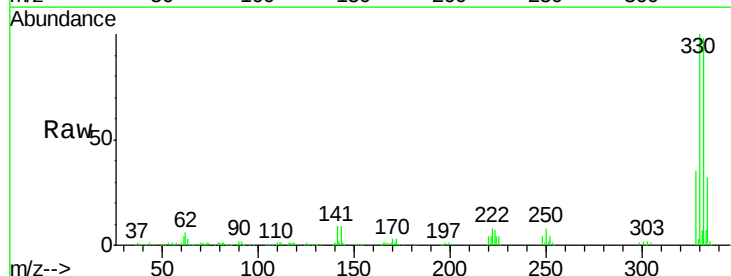


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

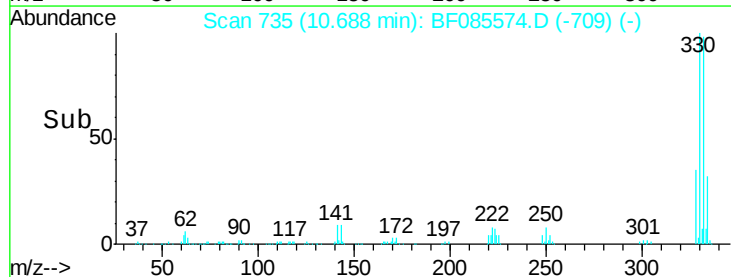
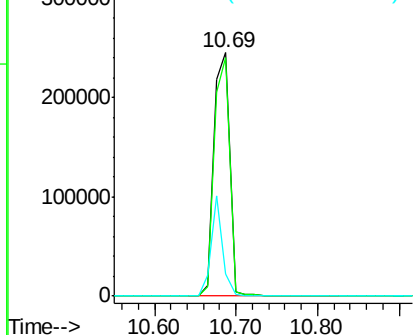


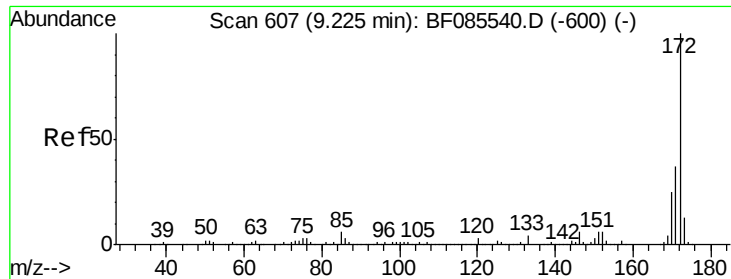
#41
 2,4,6-Tribromophenol
 Concen: 146.68 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085574.D
 Acq: 19 Mar 2016 15:50

Tgt Ion:330 Resp: 333295
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.2 117.2
 141 30.8 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

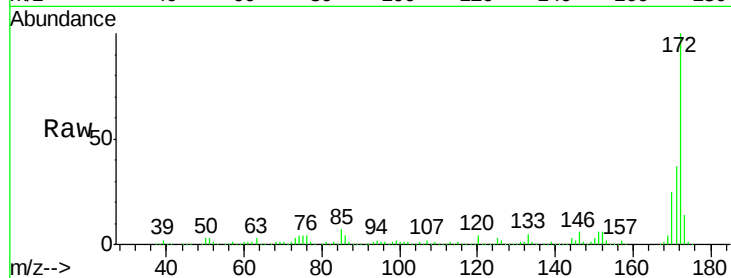




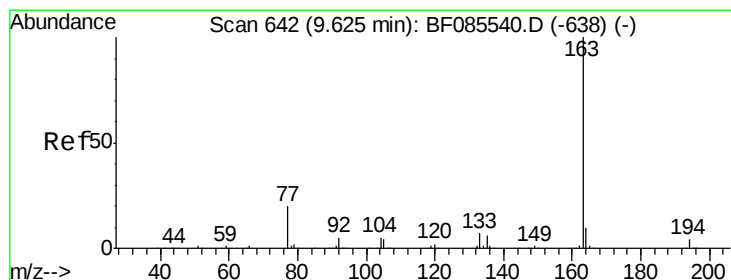
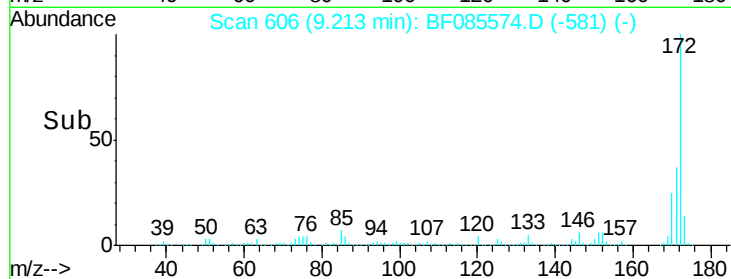
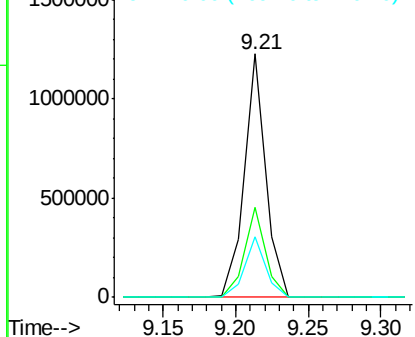
#44
 2-Fluorobiphenyl
 Concen: 95.91 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085574.D
 Acq: 19 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-11A

Tgt Ion:172 Resp: 1262365
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.2
 170 25.1 19.8 29.6

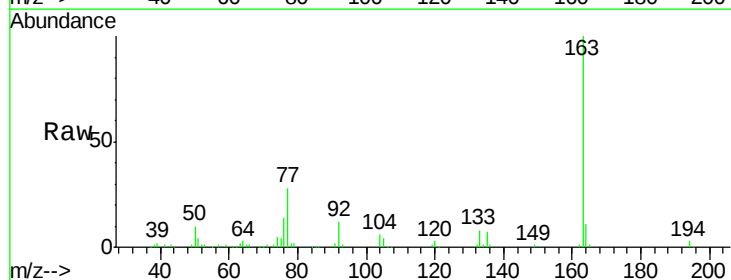


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

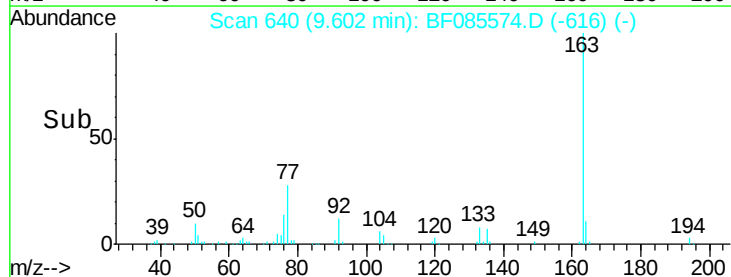
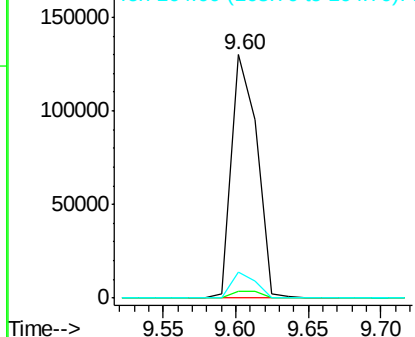


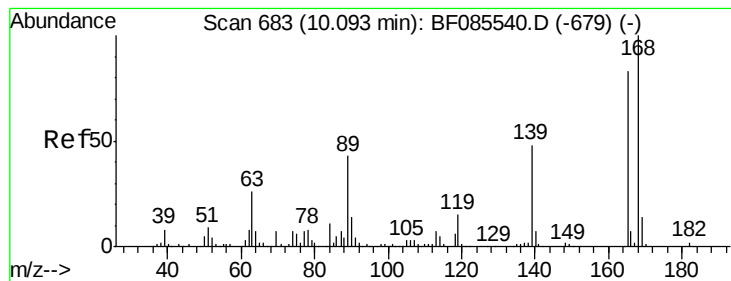
#49
 Dimethylphthalate
 Concen: 9.04 ng
 RT: 9.60 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF085574.D
 Acq: 19 Mar 2016 15:50

Tgt Ion:163 Resp: 158162
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.9 4.3
 164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

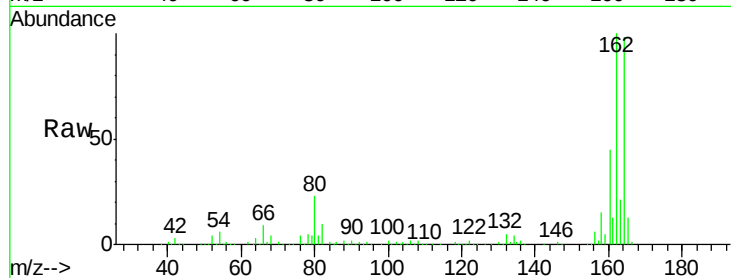




#56
 2,4-Dinitrotoluene
 Concen: 6.18 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF085574.D
 Acq: 19 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-11A

Tgt Ion:	165	Resp:	29893
Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#

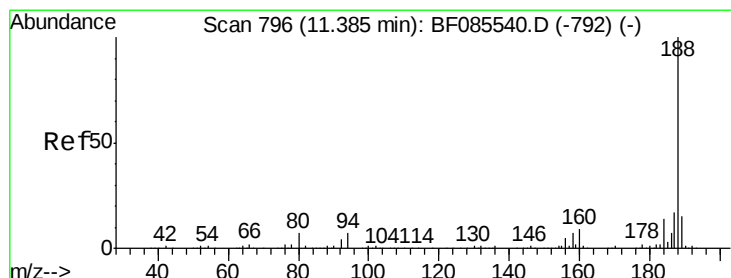
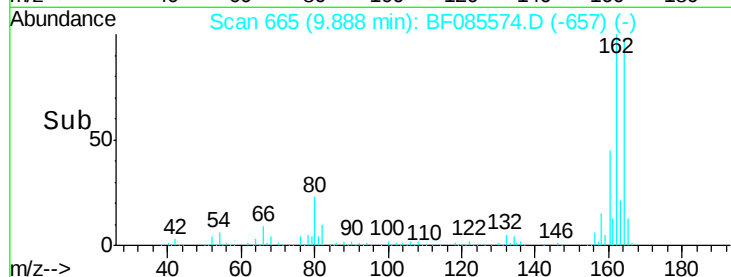
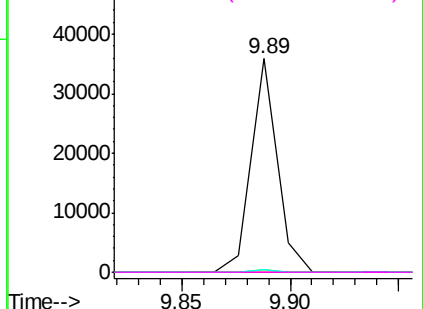


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

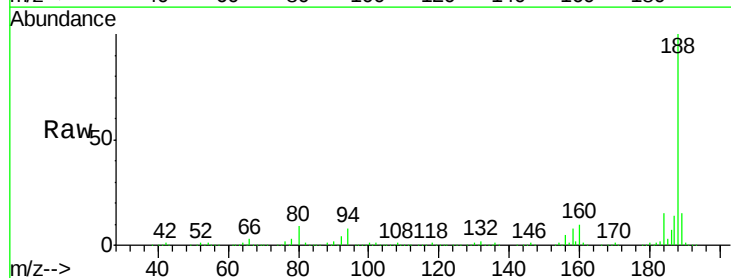
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF085574.D
 Acq: 19 Mar 2016 15:50

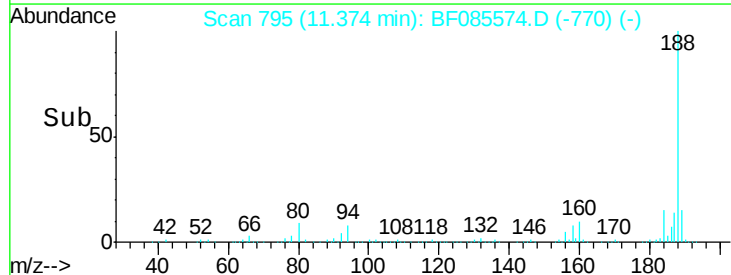
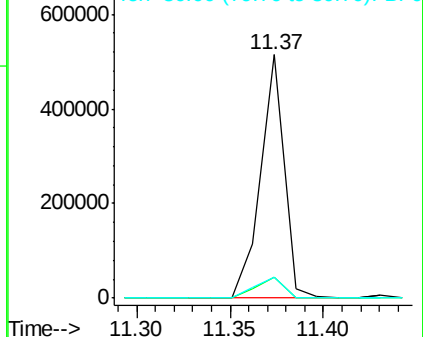
Tgt Ion:	188	Resp:	448939
Ion	Ratio	Lower	Upper
188	100		
94	8.4	5.4	8.0#
80	8.5	5.5	8.3#

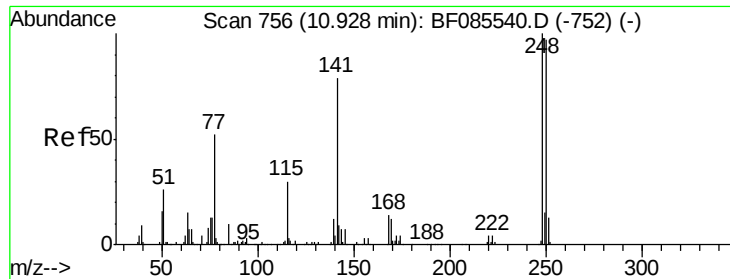


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

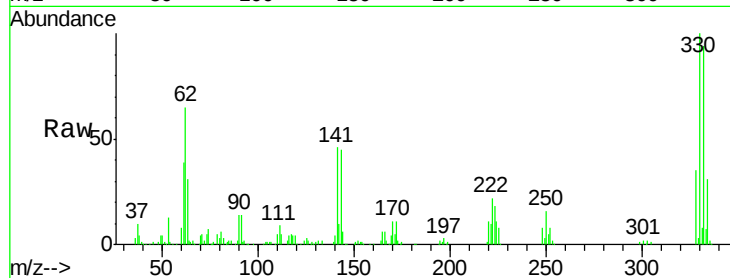




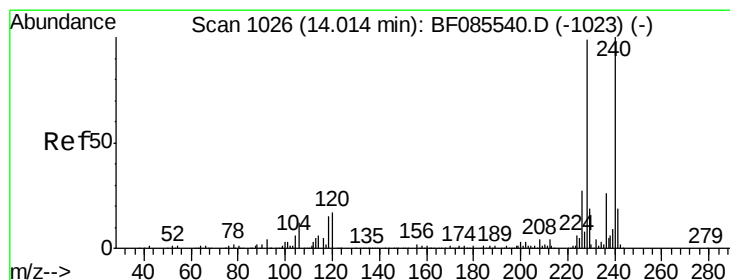
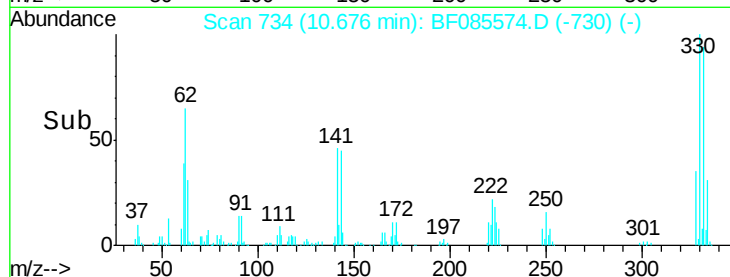
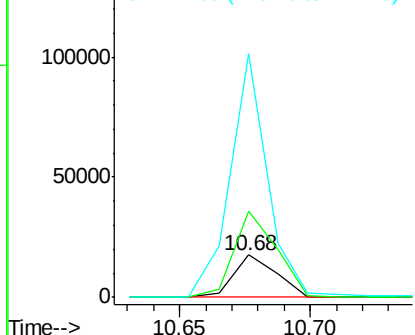
#66
4-Bromophenyl-phenylether
Concen: 4.40 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.25 min
Lab File: BF085574.D
Acq: 19 Mar 2016 15:50

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-11A

Tgt Ion:248 Resp: 19744
Ion Ratio Lower Upper
248 100
250 203.7 77.4 116.0#
141 577.3 63.6 95.4#

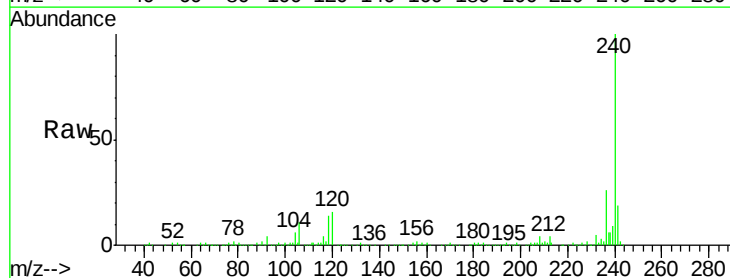


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

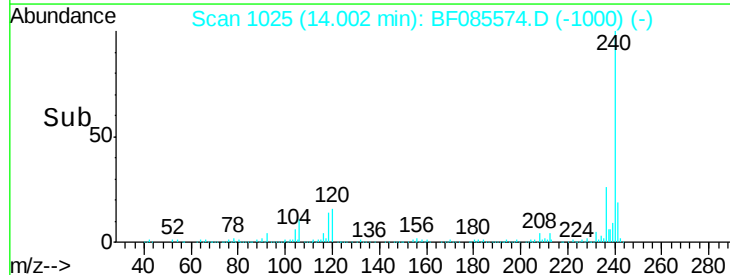
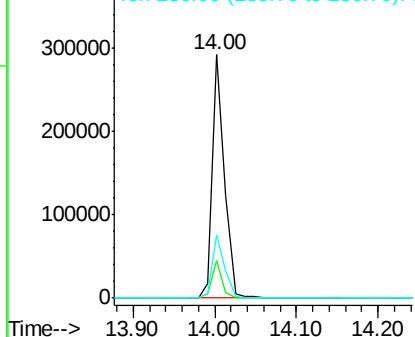


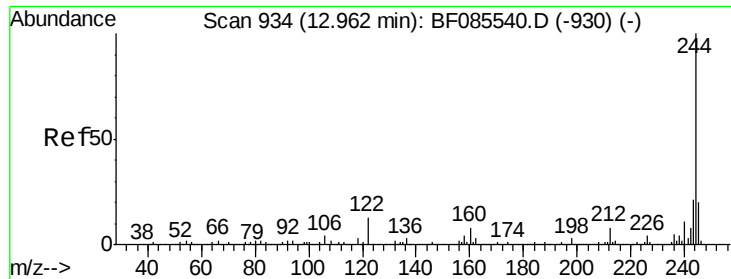
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085574.D
Acq: 19 Mar 2016 15:50

Tgt Ion:240 Resp: 306231
Ion Ratio Lower Upper
240 100
120 15.6 13.8 20.8
236 25.8 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

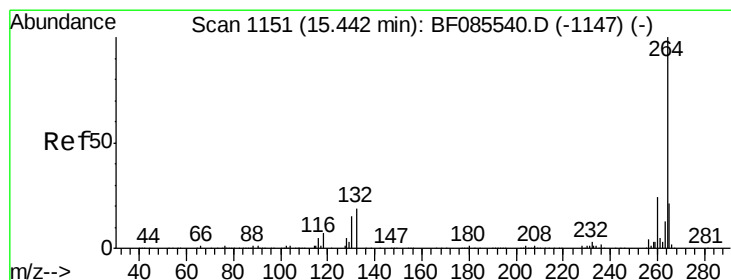
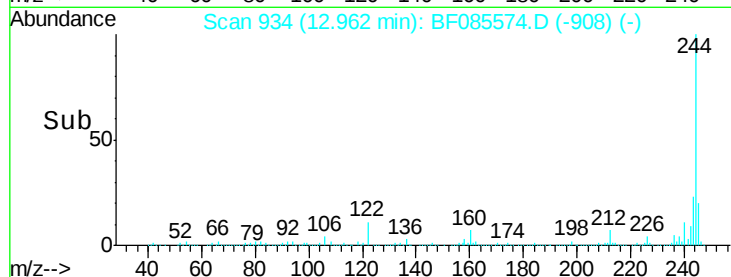
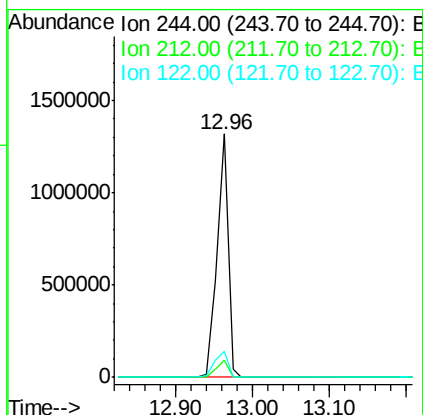
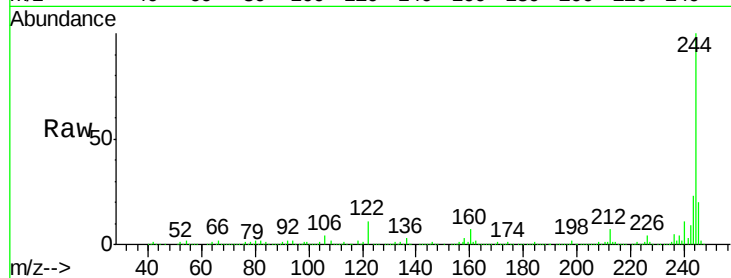




#78
 Terphenyl-d14
 Concen: 103.46 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085574.D
 Acq: 19 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-11A

Tgt Ion:244 Resp: 1316660
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.5 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085574.D
 Acq: 19 Mar 2016 15:50

Tgt Ion:264 Resp: 223296
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 22.1 17.2 25.8

