

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085623.D
 Acq On : 21 Mar 2016 15:40
 Operator : UM/SJ
 Sample : H1816-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-9B

Quant Time: Mar 22 00:03:15 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

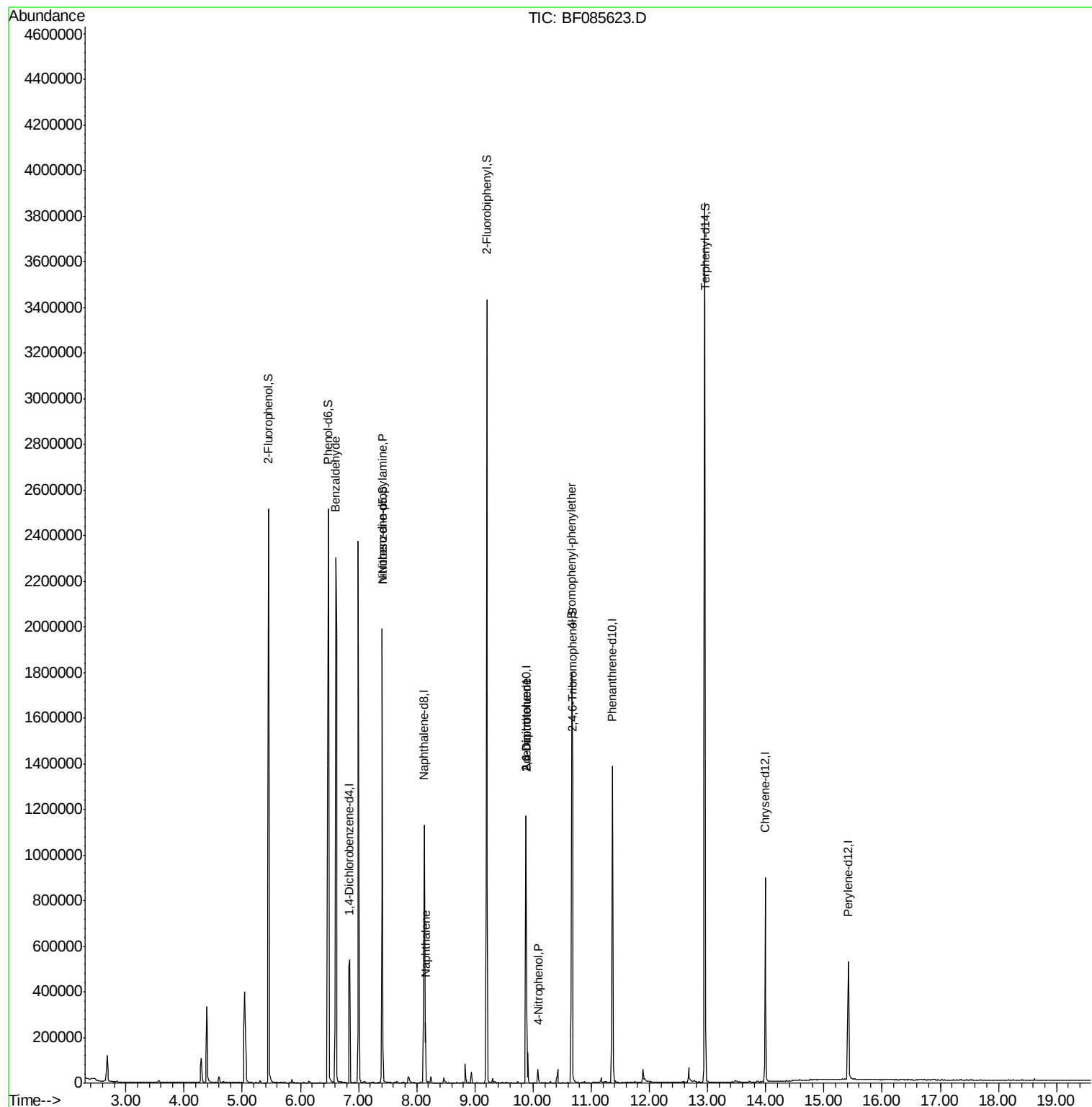
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123405	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	528911	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	235382	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	467602	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	329414	20.00	ng	-0.02
86) Perylene-d12	15.42	264	233258	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	828593	112.78	ng	0.00
7) Phenol-d6	6.48	99	1090468	115.72	ng	-0.01
23) Nitrobenzene-d5	7.41	82	740413	81.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	354775	153.87	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1225749	90.22	ng	-0.02
78) Terphenyl-d14	12.95	244	1278841	93.42	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.61	77	20859	2.49	ng	80
19) n-Nitroso-di-n-propylamine	7.41	70	97447	17.31	ng	# 78
31) Naphthalene	8.15	128	142871	5.35	ng	98
50) 2,6-Dinitrotoluene	9.88	165	30103	8.03	ng	# 19
55) 4-Nitrophenol	10.08	139	8731	2.41	ng	# 10
56) 2,4-Dinitrotoluene	9.88	165	30097	6.13	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	21136	4.52	ng	# 1

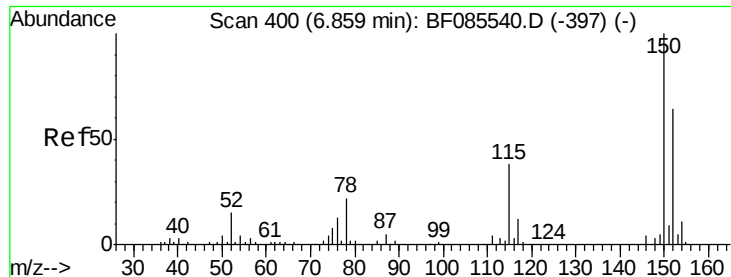
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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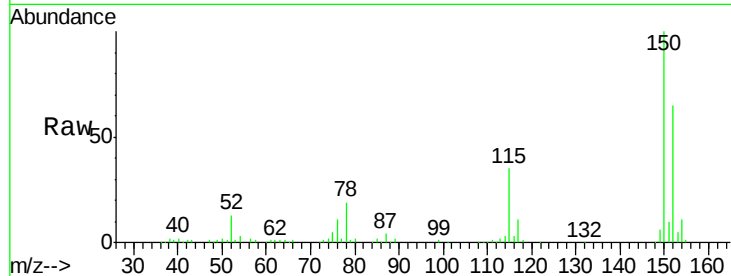


#1

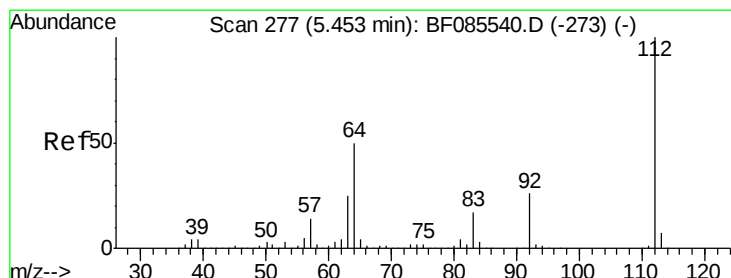
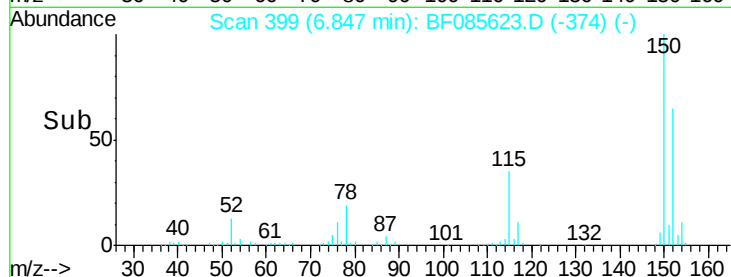
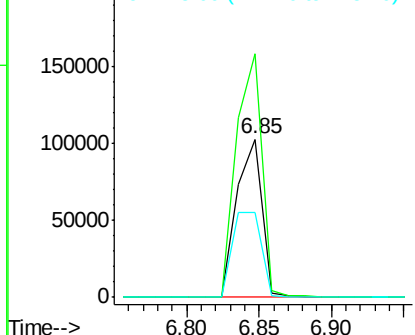
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BF085623.D
 Acq: 21 Mar 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-9B

Tgt Ion:152 Resp: 123405
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.2 186.2
 115 54.2 47.0 70.6



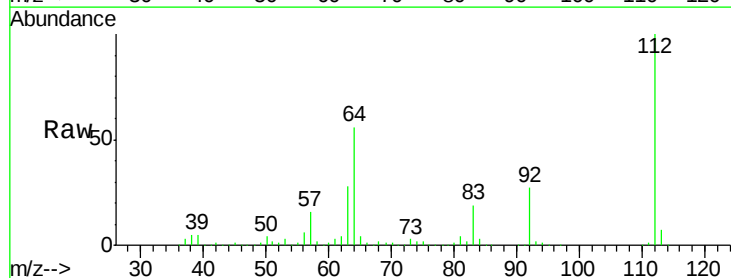
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



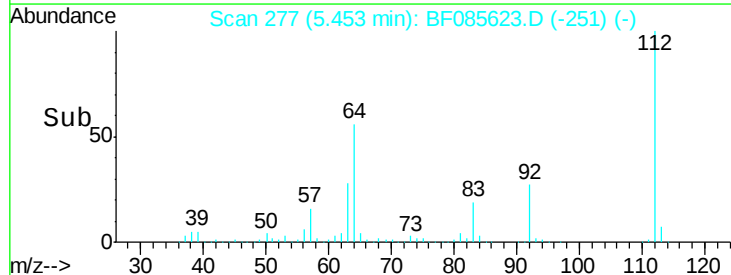
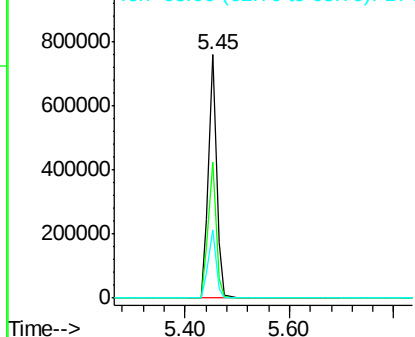
#5

2-Fluorophenol
 Concen: 112.78 ng
 RT: 5.45 min Scan# 277
 Delta R.T. 0.00 min
 Lab File: BF085623.D
 Acq: 21 Mar 2016 15:40

Tgt Ion:112 Resp: 828593
 Ion Ratio Lower Upper
 112 100
 64 55.9 39.9 59.9
 63 28.0 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: 115.72 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085623.D

Acq: 21 Mar 2016 15:40

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9B

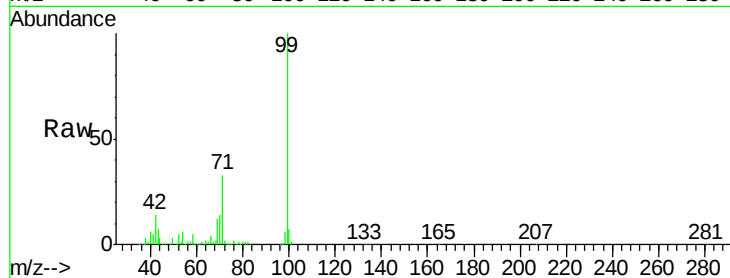
Tgt Ion: 99 Resp: 1090468

Ion Ratio Lower Upper

99 100

42 14.3 11.1 16.7

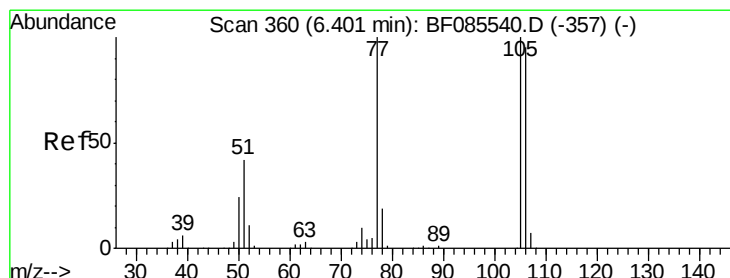
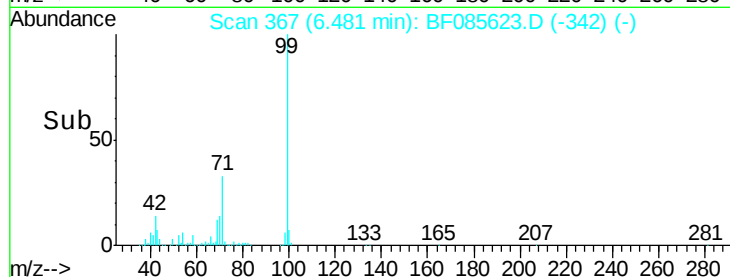
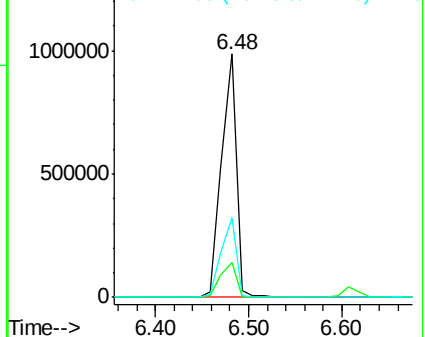
71 32.5 24.9 37.3



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: 2.49 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.21 min

Lab File: BF085623.D

Acq: 21 Mar 2016 15:40

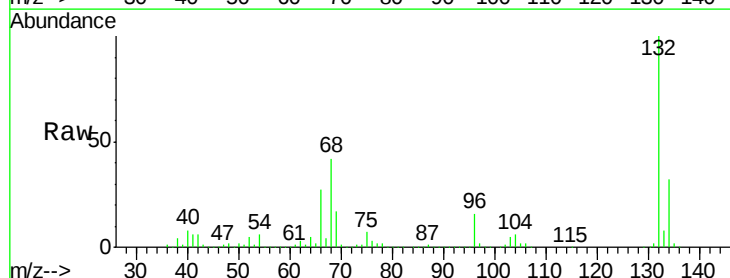
Tgt Ion: 77 Resp: 20859

Ion Ratio Lower Upper

77 100

105 80.6 80.1 120.1

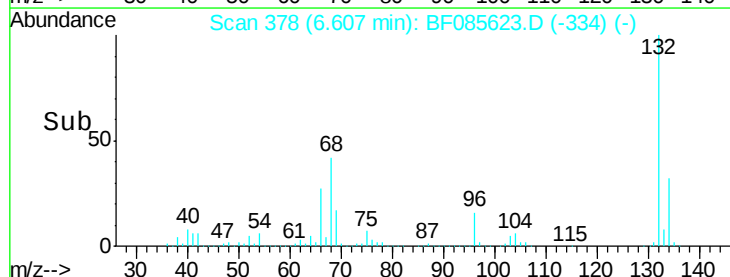
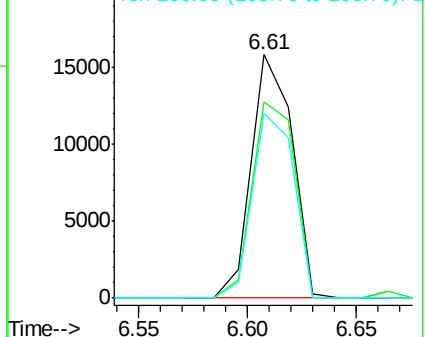
106 75.9 75.0 115.0

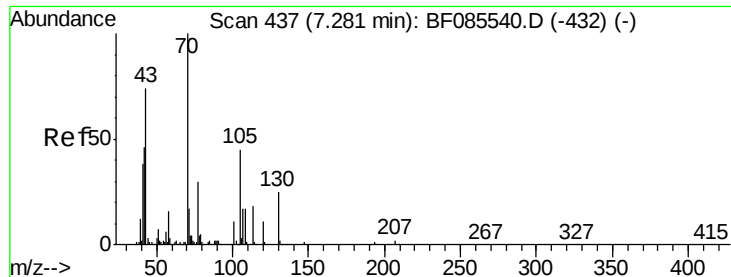


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

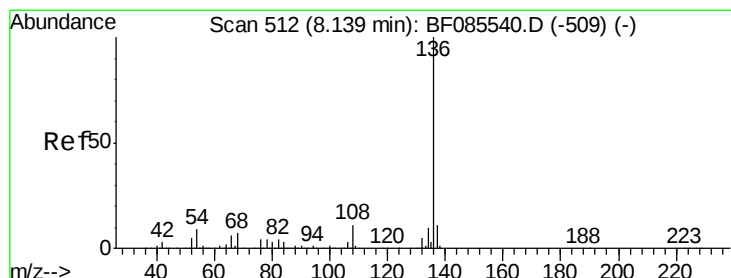
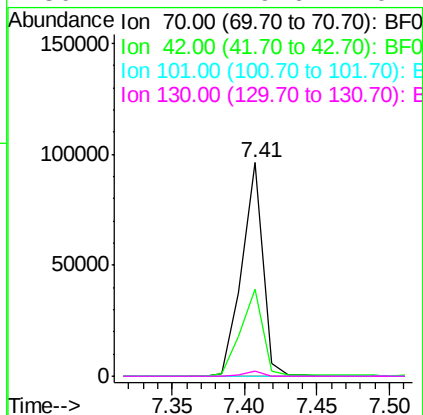
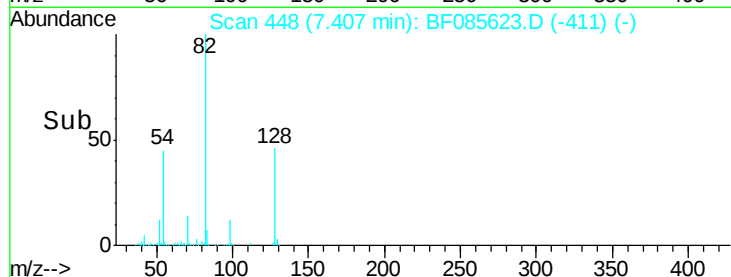
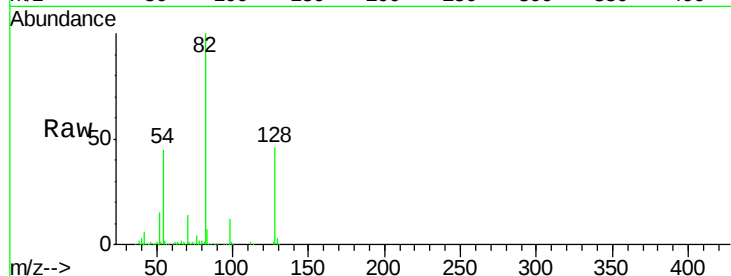




#19
n-Nitroso-di-n-propylamine
Concen: 17.31 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.13 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

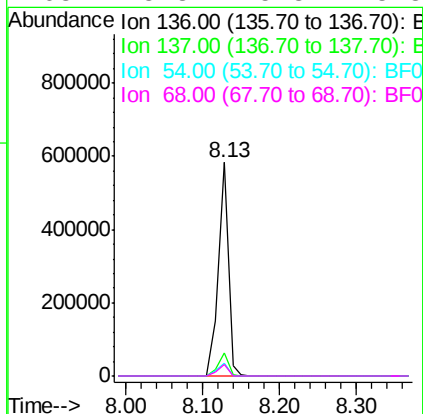
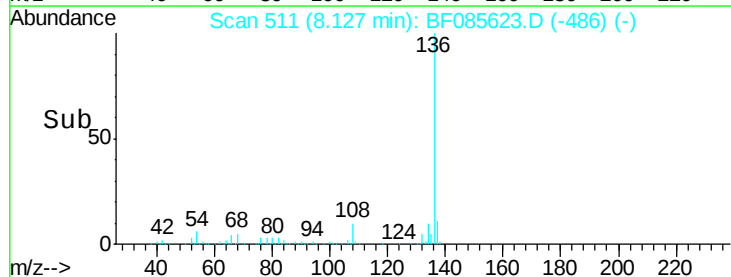
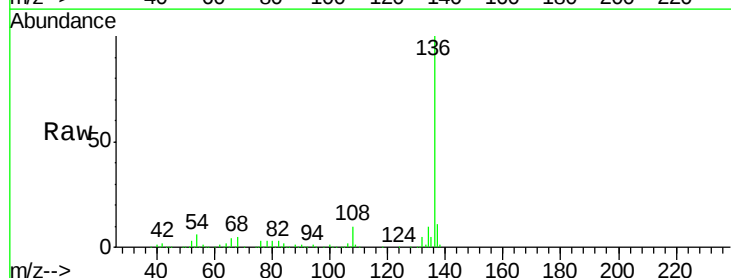
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9B

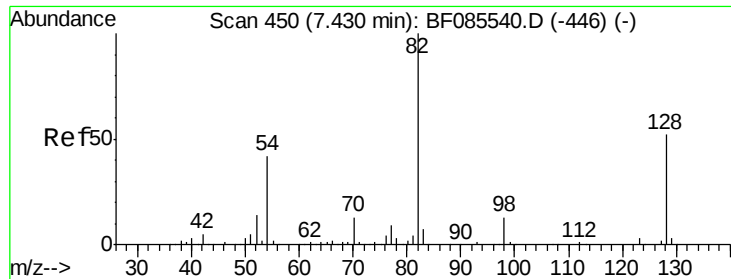
Tgt Ion: 70 Resp: 97447
Ion Ratio Lower Upper
70 100
42 40.9 37.1 55.7
101 0.0 8.6 12.8#
130 2.1 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Tgt Ion: 136 Resp: 528911
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.1 7.4 11.0#
68 5.3 5.8 8.8#

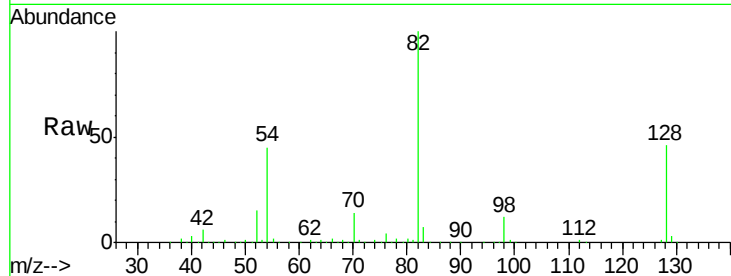




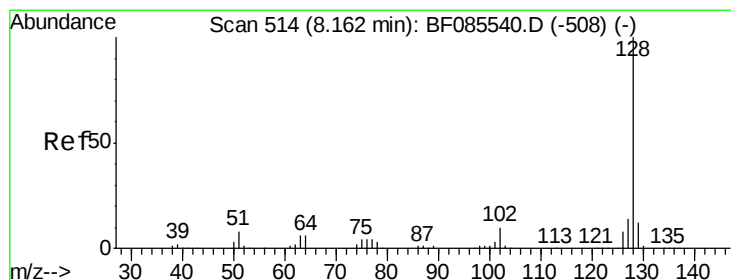
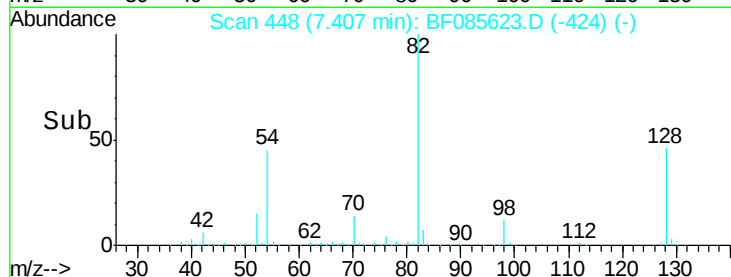
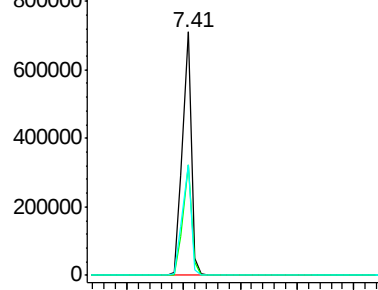
#23
 Nitrobenzene-d5
 Concen: 81.26 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF085623.D
 Acq: 21 Mar 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-9B

Tgt Ion: 82 Resp: 740413
 Ion Ratio Lower Upper
 82 100
 128 45.6 41.8 62.8
 54 45.3 33.4 50.0

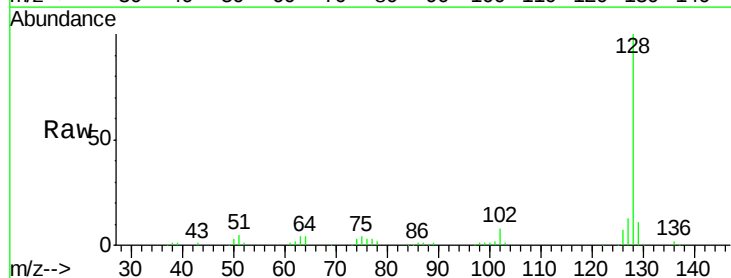


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

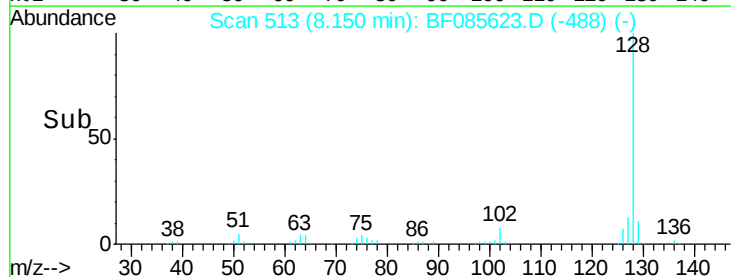
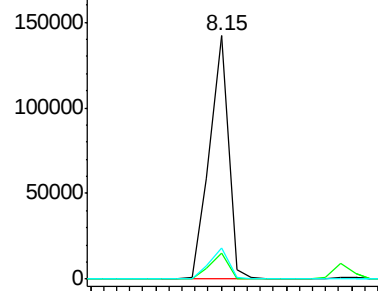


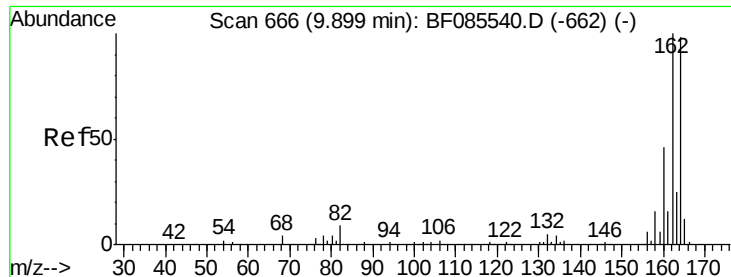
#31
 Naphthalene
 Concen: 5.35 ng
 RT: 8.15 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF085623.D
 Acq: 21 Mar 2016 15:40

Tgt Ion: 128 Resp: 142871
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.4 14.0
 127 12.7 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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF085623.D

Acq: 21 Mar 2016 15:40

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9B

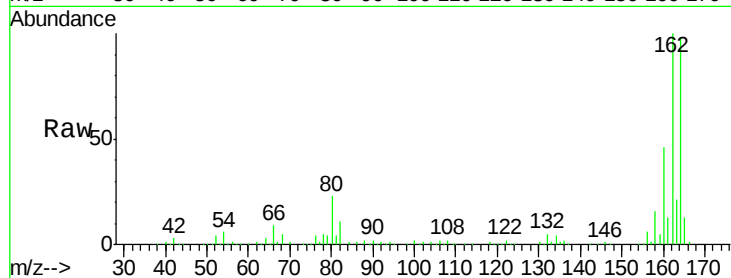
Tgt Ion:164 Resp: 235382

Ion Ratio Lower Upper

164 100

162 102.3 82.1 123.1

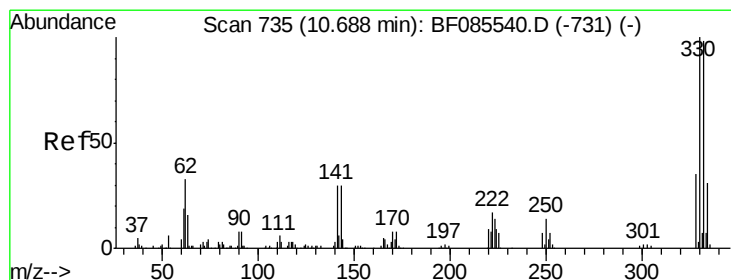
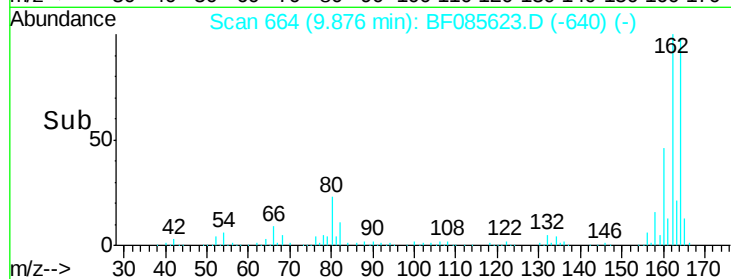
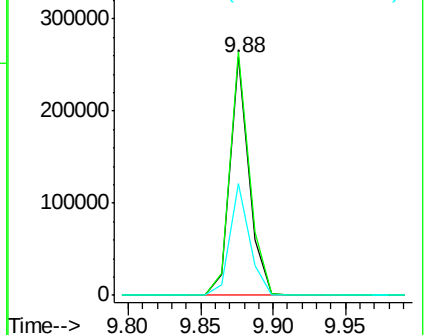
160 47.0 37.4 56.2



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: 153.87 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF085623.D

Acq: 21 Mar 2016 15:40

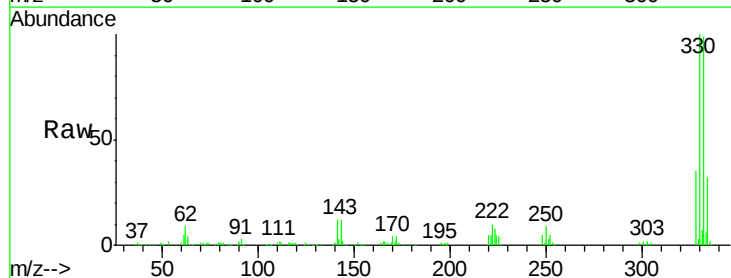
Tgt Ion:330 Resp: 354775

Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.2

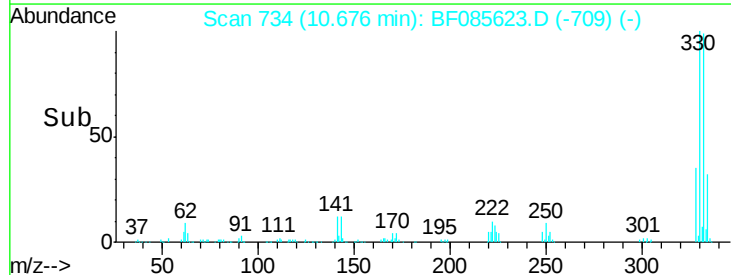
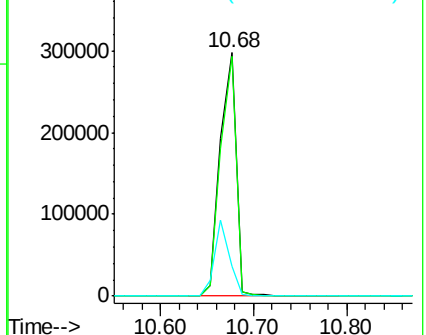
141 29.7 31.5 47.3#

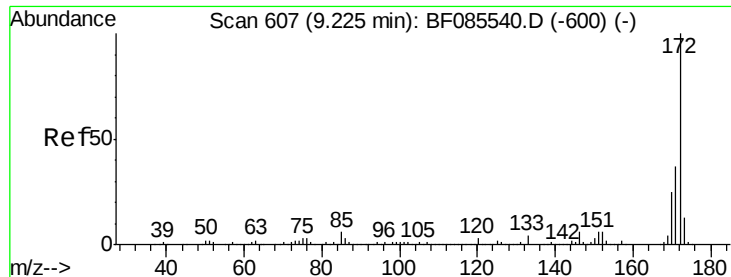


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

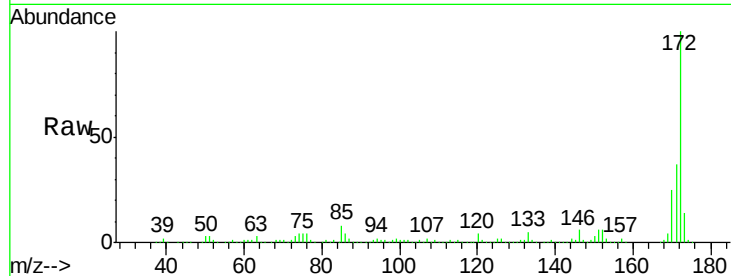




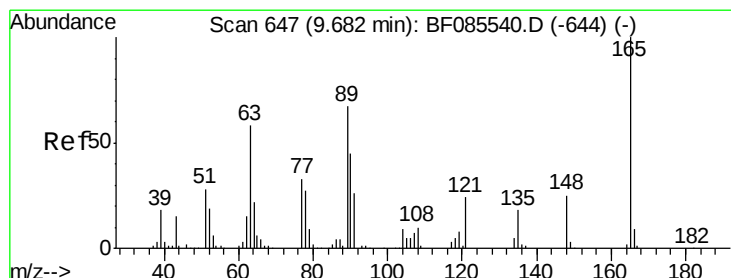
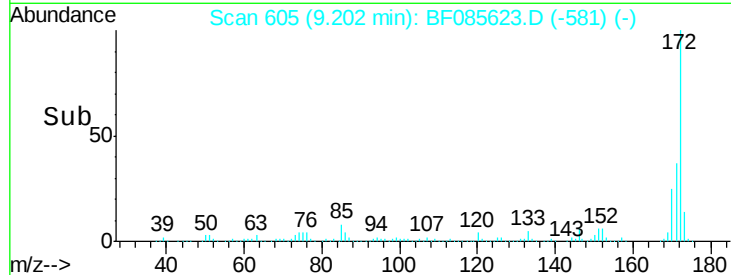
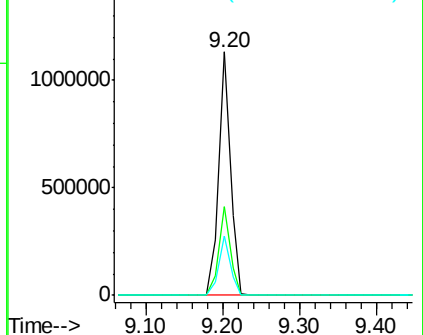
#44
 2-Fluorobiphenyl
 Concen: 90.22 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085623.D
 Acq: 21 Mar 2016 15:40

Instrument :
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Tgt Ion:172 Resp: 1225749
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.6 19.8 29.6

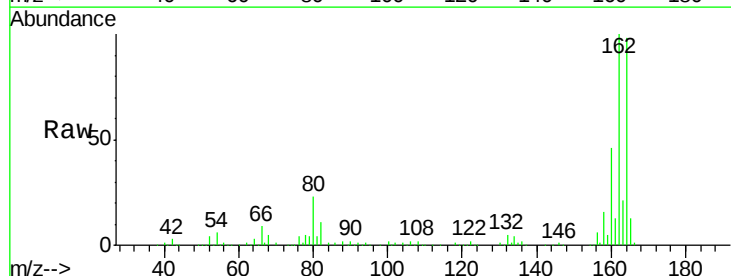


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

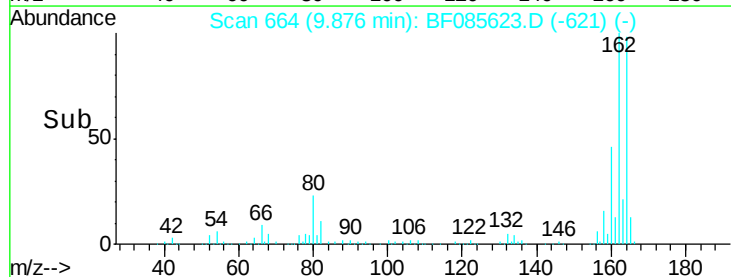
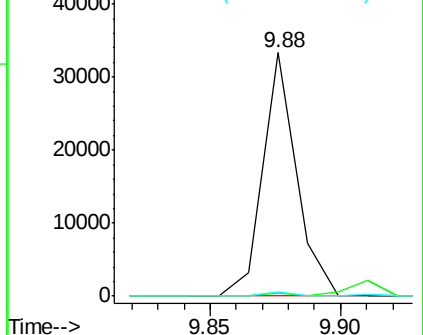


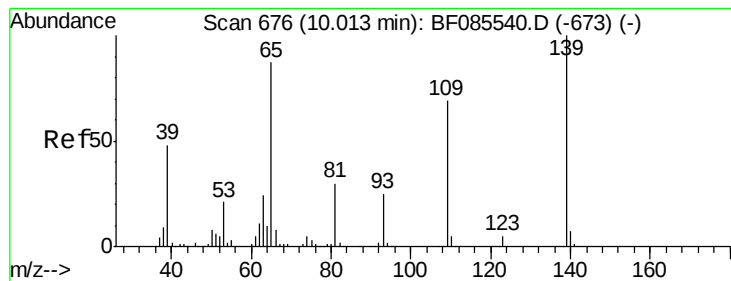
#50
 2,6-Dinitrotoluene
 Concen: 8.03 ng
 RT: 9.88 min Scan# 664
 Delta R.T. 0.19 min
 Lab File: BF085623.D
 Acq: 21 Mar 2016 15:40

Tgt Ion:165 Resp: 30103
 Ion Ratio Lower Upper
 165 100
 63 1.3 51.8 77.8#
 89 1.5 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: 2.41 ng

RT: 10.08 min Scan# 682

Delta R.T. 0.07 min

Lab File: BF085623.D

Acq: 21 Mar 2016 15:40

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9B

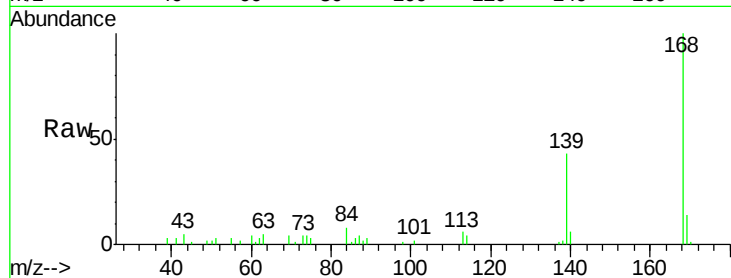
Tgt Ion:139 Resp: 8731

Ion Ratio Lower Upper

139 100

109 0.0 49.2 89.2#

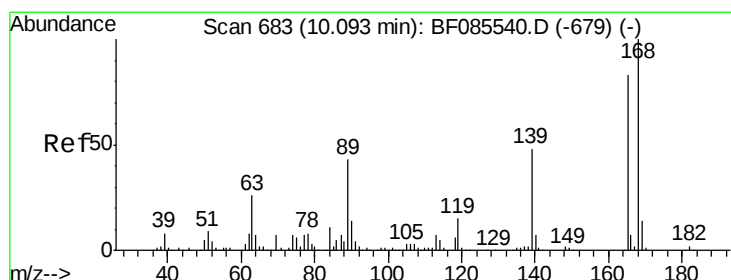
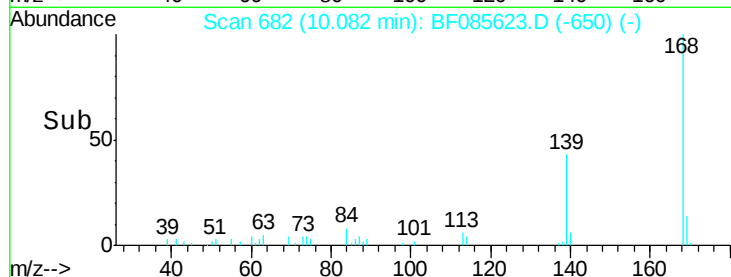
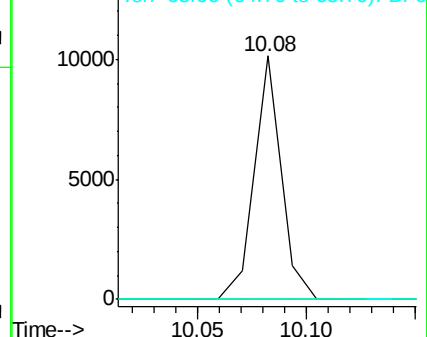
65 0.0 66.9 106.9#



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): BFO



#56

2,4-Dinitrotoluene

Concen: 6.13 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.22 min

Lab File: BF085623.D

Acq: 21 Mar 2016 15:40

Tgt Ion:165 Resp: 30097

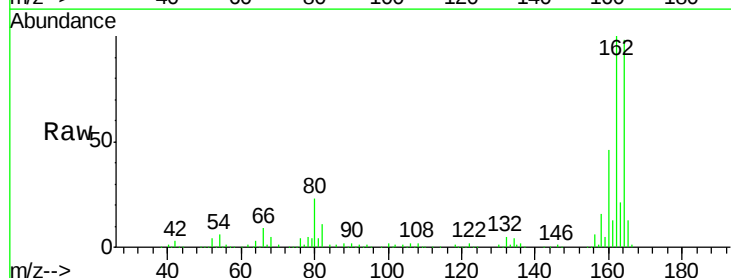
Ion Ratio Lower Upper

165 100

63 1.3 24.9 37.3#

89 1.5 41.0 61.6#

182 0.0 2.1 3.1#

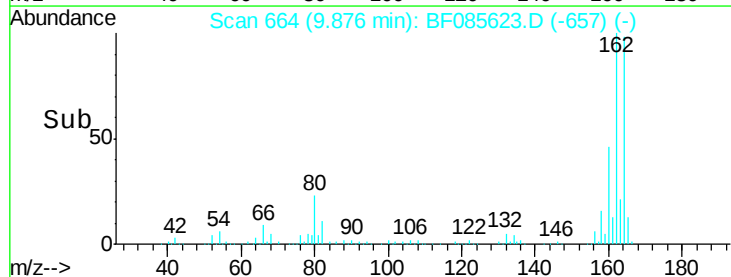
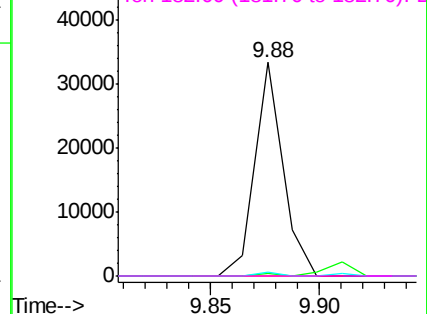


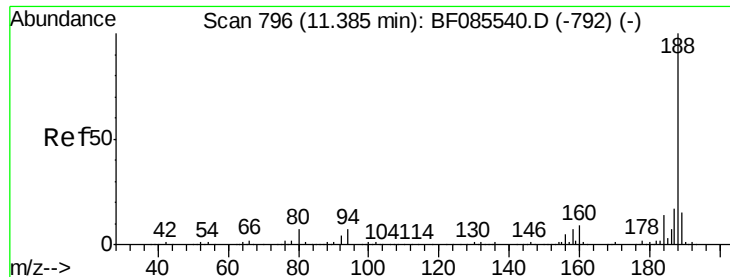
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BFO

Ion 89.00 (88.70 to 89.70): BFO

Ion 182.00 (181.70 to 182.70): E

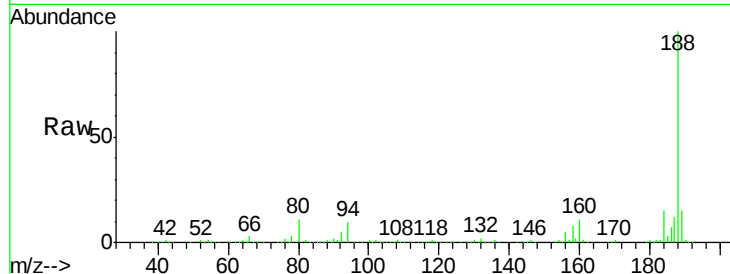




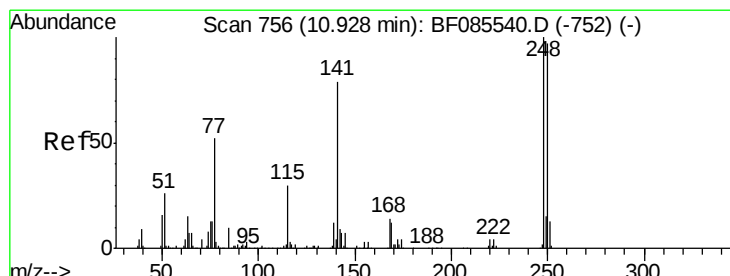
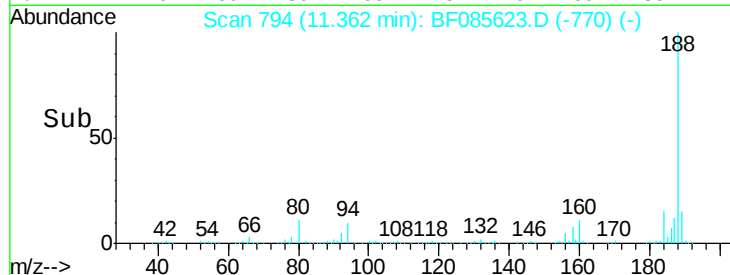
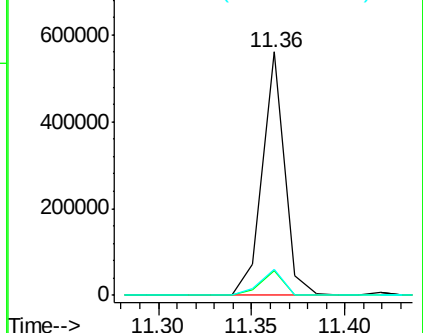
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF085623.D
 Acq: 21 Mar 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-9B

Tgt Ion:188 Resp: 467602
 Ion Ratio Lower Upper
 188 100
 94 9.9 5.4 8.0#
 80 10.6 5.5 8.3#

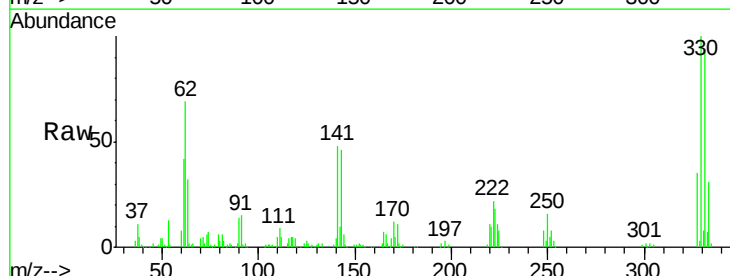


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

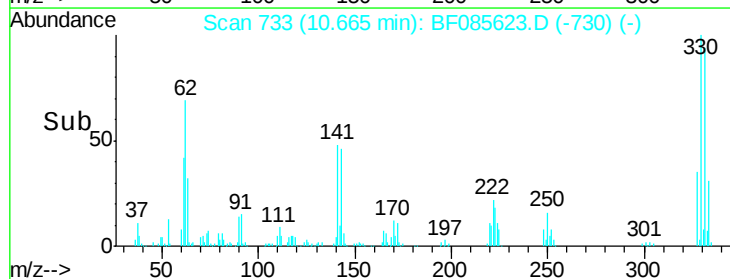
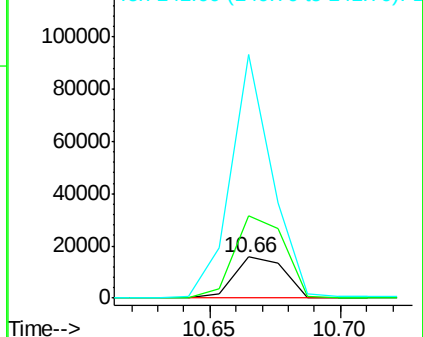


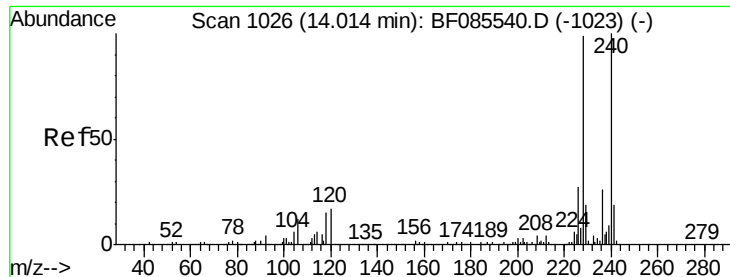
#66
 4-Bromophenyl-phenylether
 Concen: 4.52 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.26 min
 Lab File: BF085623.D
 Acq: 21 Mar 2016 15:40

Tgt Ion:248 Resp: 21136
 Ion Ratio Lower Upper
 248 100
 250 200.3 77.4 116.0#
 141 595.8 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: 13.99 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF085623.D

Acq: 21 Mar 2016 15:40

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9B

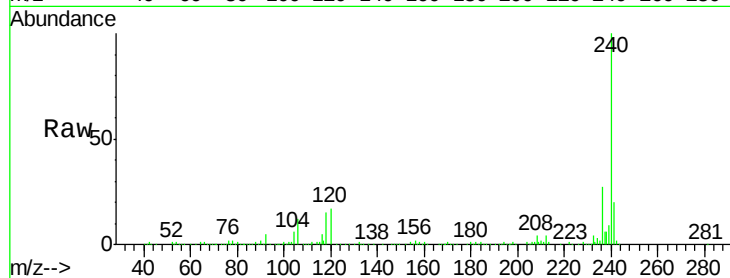
Tgt Ion:240 Resp: 329414

Ion Ratio Lower Upper

240 100

120 17.2 13.8 20.8

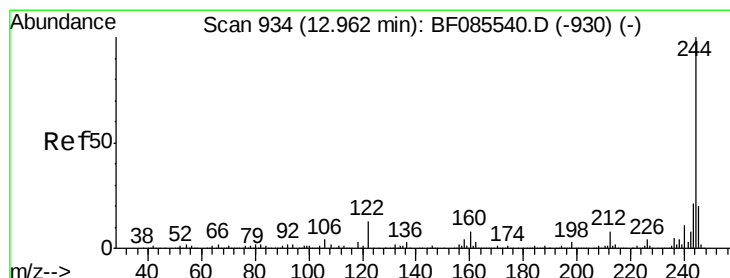
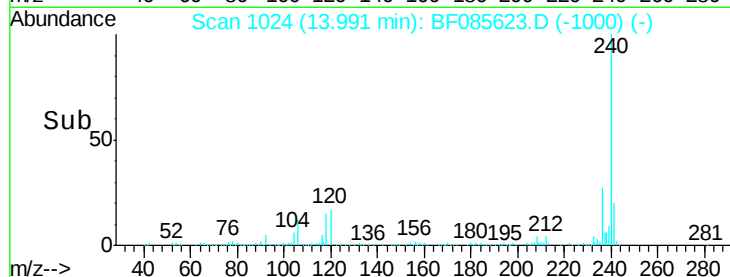
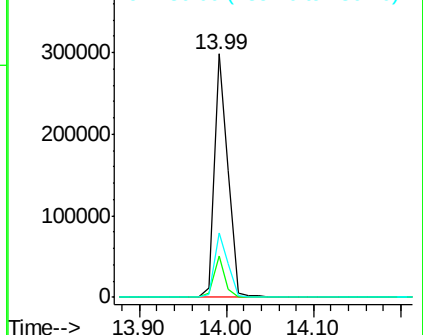
236 26.5 20.6 30.8



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: 93.42 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085623.D

Acq: 21 Mar 2016 15:40

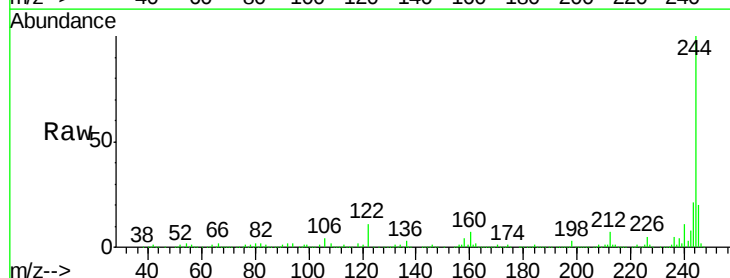
Tgt Ion:244 Resp: 1278841

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

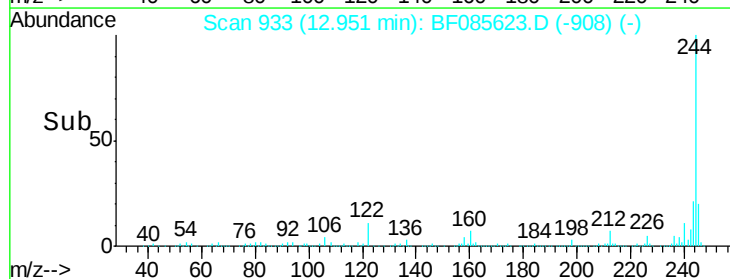
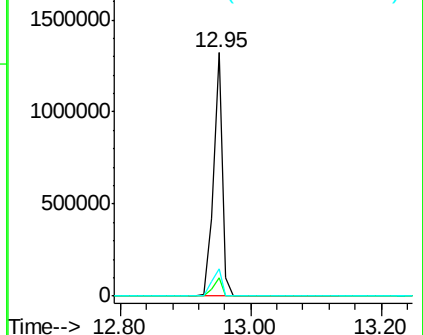
122 11.3 10.2 15.4

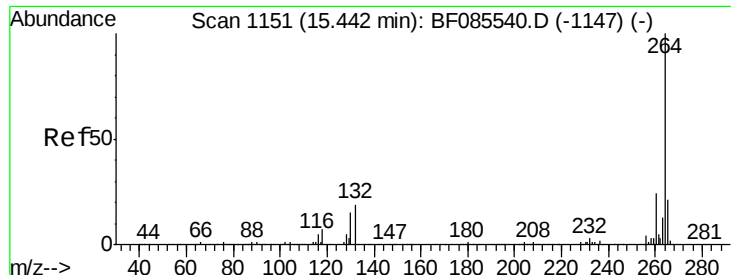


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

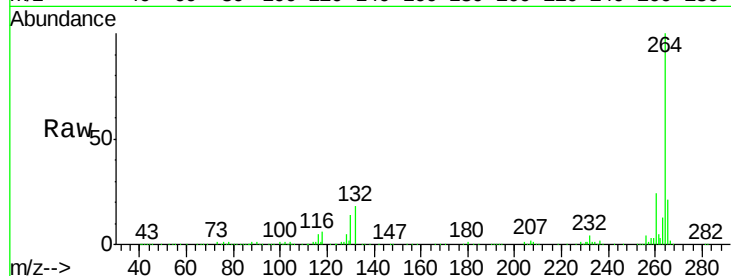




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085623.D
Acq: 21 Mar 2016 15:40

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9B

Tgt Ion: 264 Resp: 233258
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 21.2 17.2 25.8



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

