

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085572.D
 Acq On : 19 Mar 2016 14:55
 Operator : UM/SJ
 Sample : H1816-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Mar 20 23:58:10 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

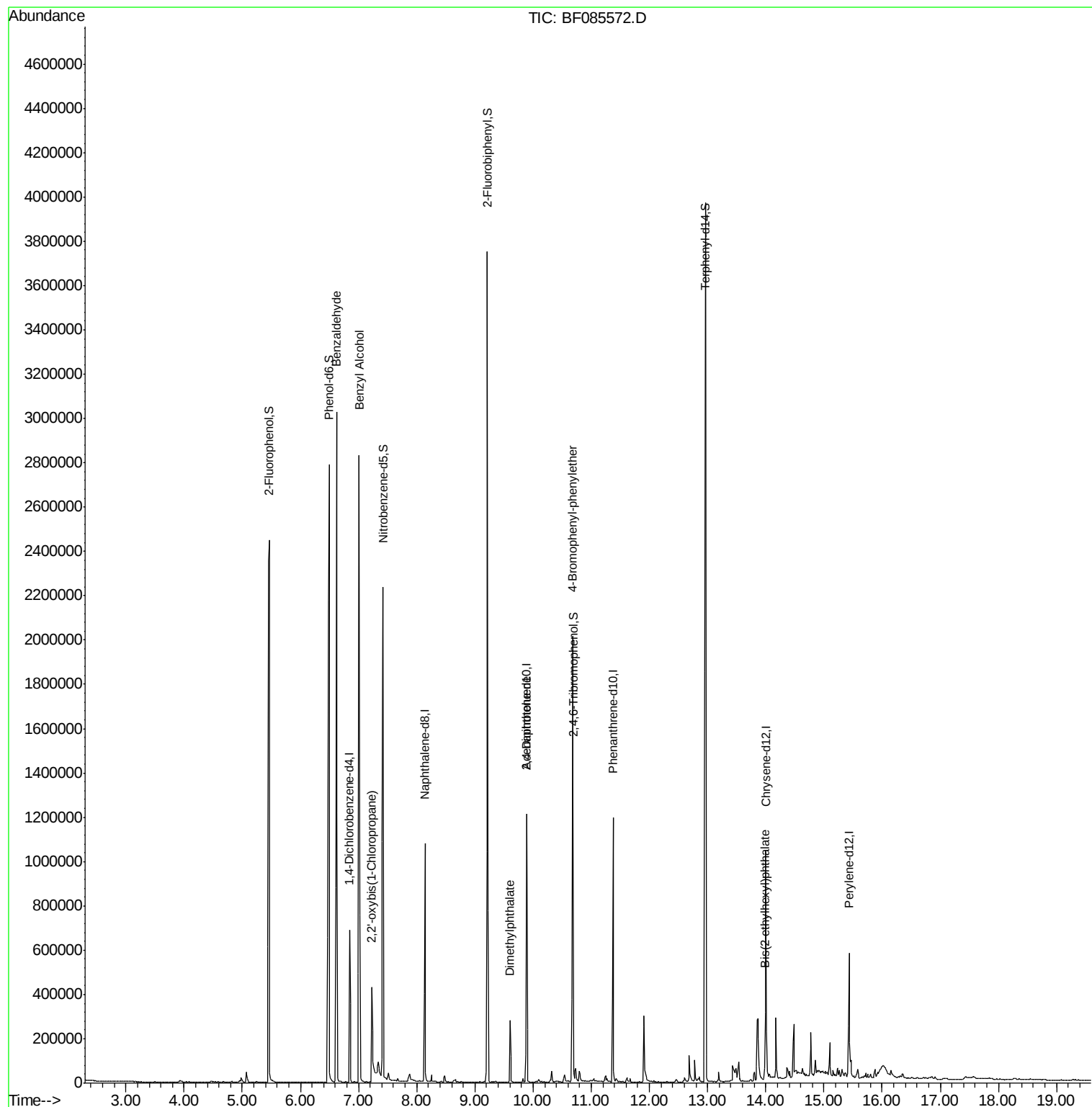
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	124073	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	531103	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	231499	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	447981	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	332972	20.00	ng	-0.01
86) Perylene-d12	15.43	264	243569	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1188079	160.84	ng	0.01
7) Phenol-d6	6.49	99	1521503	160.60	ng	0.00
23) Nitrobenzene-d5	7.42	82	862911	94.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	389049	171.56	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1324993	103.10	ng	-0.01
78) Terphenyl-d14	12.96	244	1390656	100.50	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	22347	2.76	ng	Qvalue 86
15) Benzyl Alcohol	7.01	79	13857	2.14	ng	# 52
16) 2,2'-oxybis(1-Chloropropan	7.22	45	65599	6.13	ng	65
49) Dimethylphthalate	9.60	163	125514	7.18	ng	99
56) 2,4-Dinitrotoluene	9.89	165	28978	6.00	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	23393	5.23	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.99	149	61473	4.34	ng	# 100

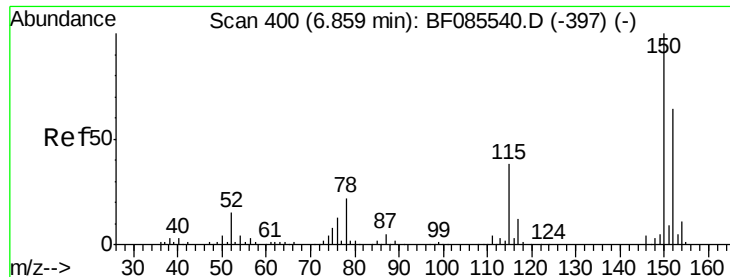
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085572.D

Acq: 19 Mar 2016 14:55

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9B

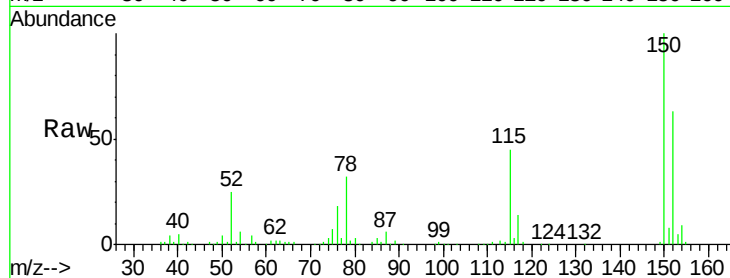
Tgt Ion:152 Resp: 124073

Ion Ratio Lower Upper

152 100

150 158.9 124.2 186.2

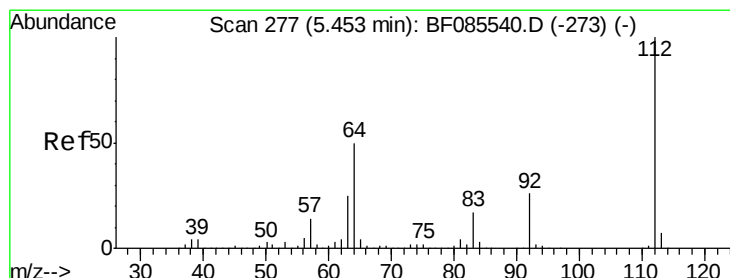
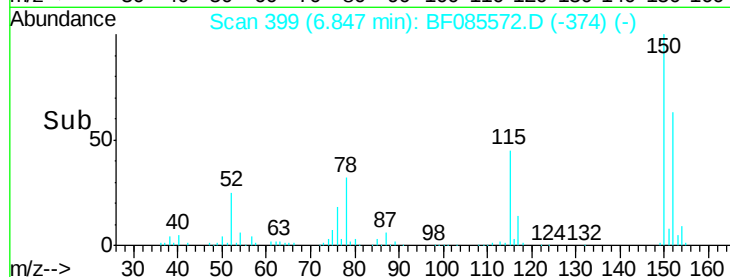
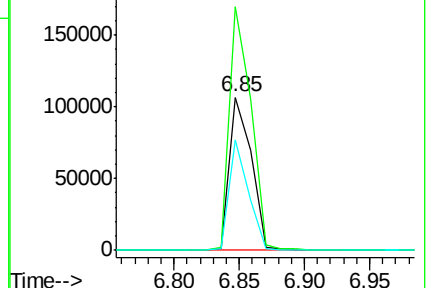
115 71.9 47.0 70.6#



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: 160.84 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085572.D

Acq: 19 Mar 2016 14:55

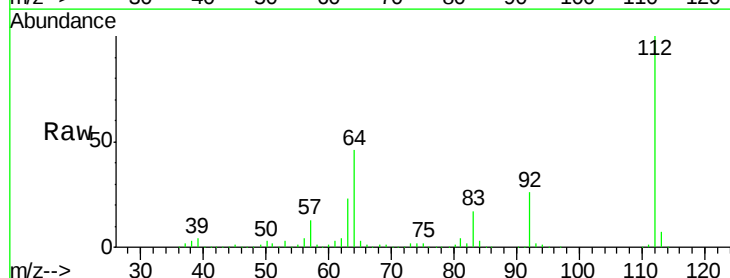
Tgt Ion:112 Resp: 1188079

Ion Ratio Lower Upper

112 100

64 45.7 39.9 59.9

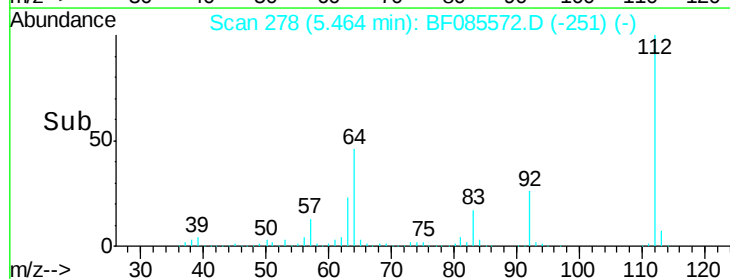
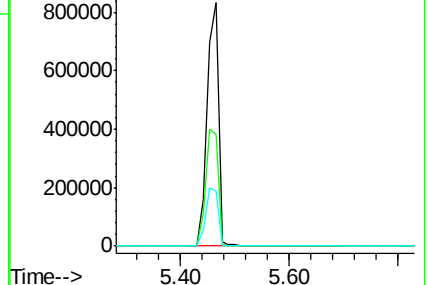
63 22.8 20.2 30.2



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: 160.60 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085572.D

Acq: 19 Mar 2016 14:55

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9B

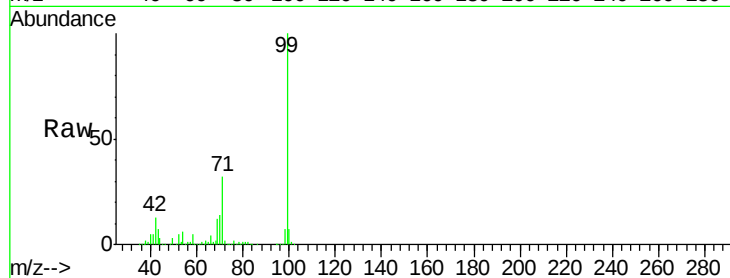
Tgt Ion: 99 Resp: 1521503

Ion Ratio Lower Upper

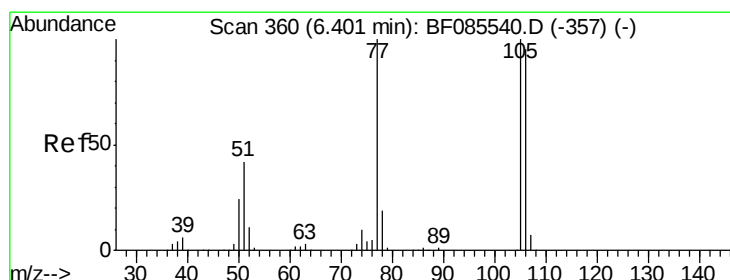
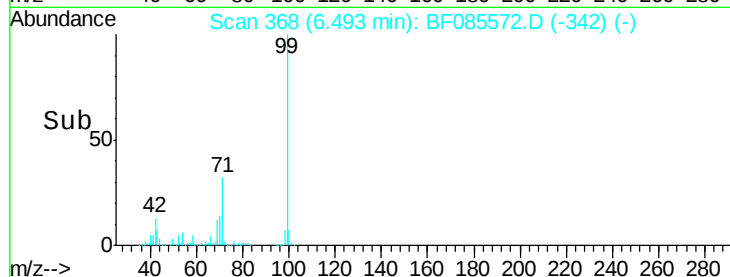
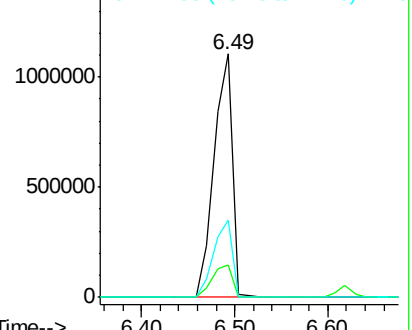
99 100

42 13.5 11.1 16.7

71 31.9 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: 2.76 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.22 min

Lab File: BF085572.D

Acq: 19 Mar 2016 14:55

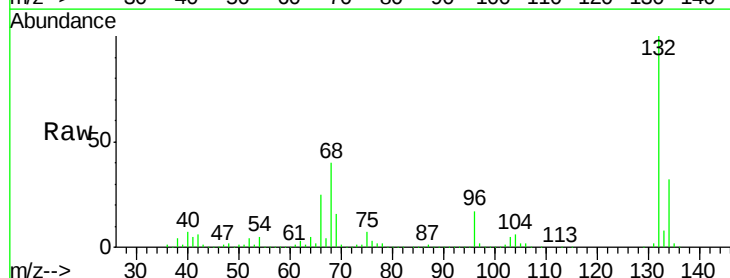
Tgt Ion: 77 Resp: 22347

Ion Ratio Lower Upper

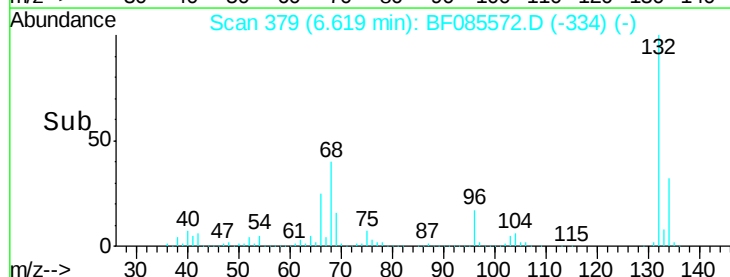
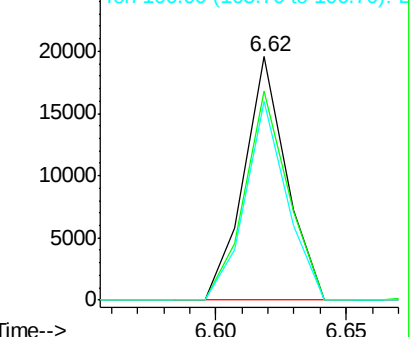
77 100

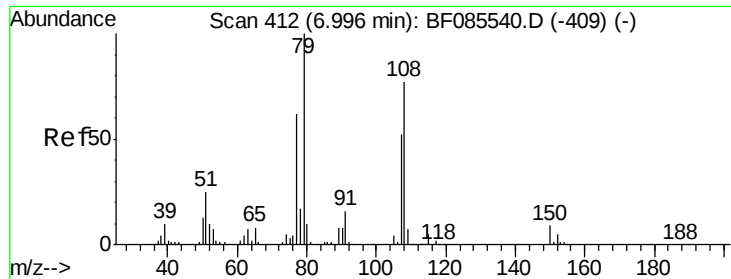
105 85.7 80.1 120.1

106 81.7 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: 2.14 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF085572.D

Acq: 19 Mar 2016 14:55

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9B

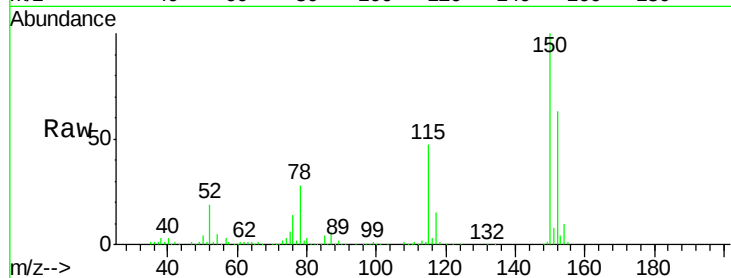
Tgt Ion: 79 Resp: 13857

Ion Ratio Lower Upper

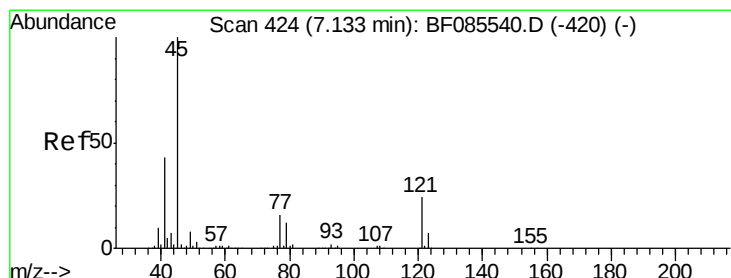
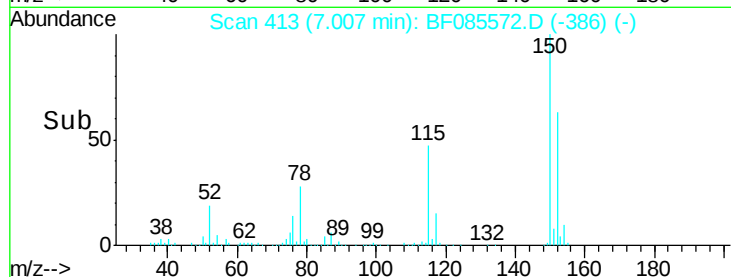
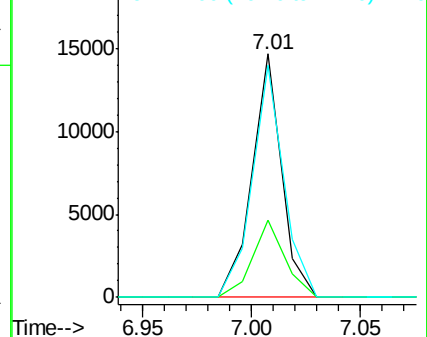
79 100

108 31.9 61.8 92.6#

77 95.4 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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 6.13 ng

RT: 7.22 min Scan# 432

Delta R.T. 0.09 min

Lab File: BF085572.D

Acq: 19 Mar 2016 14:55

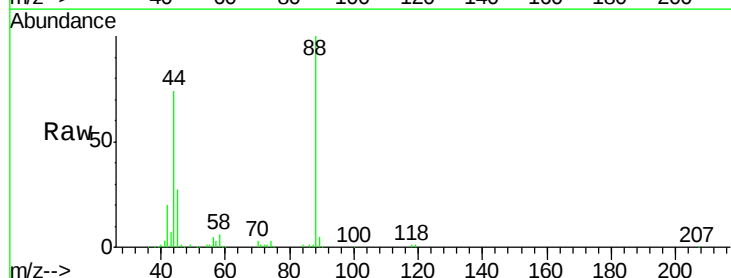
Tgt Ion: 45 Resp: 65599

Ion Ratio Lower Upper

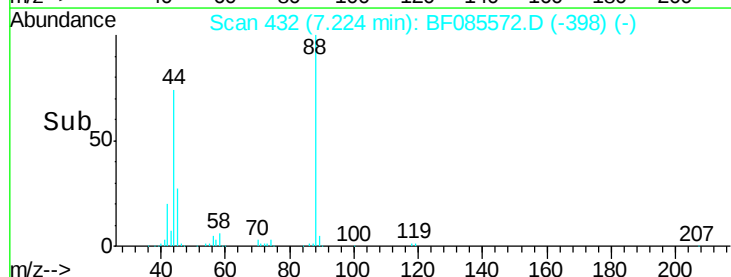
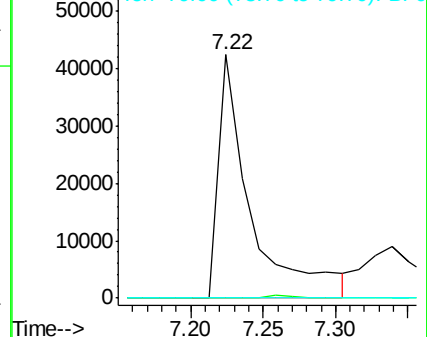
45 100

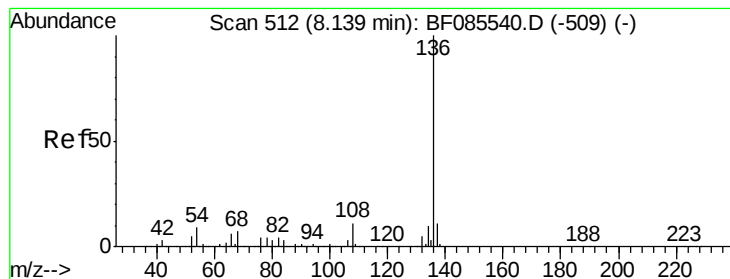
77 0.0 0.0 35.7

79 0.0 0.0 32.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085572.D

Acq: 19 Mar 2016 14:55

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9B

Tgt Ion:136 Resp: 531103

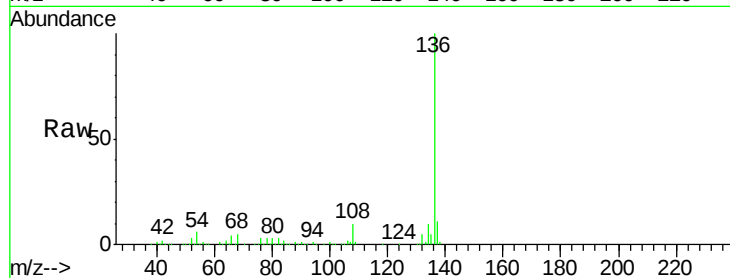
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.9 7.4 11.0#

68 5.1 5.8 8.8#

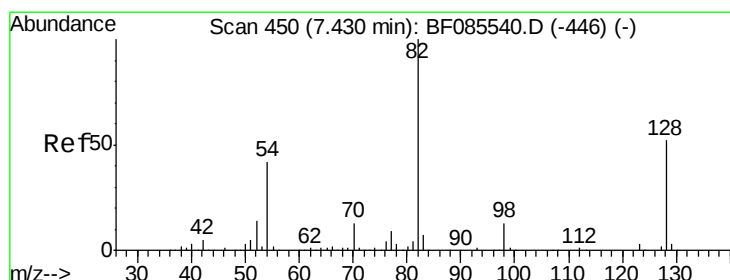
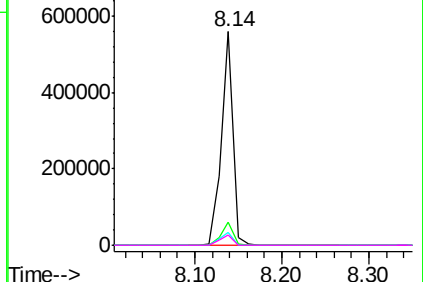
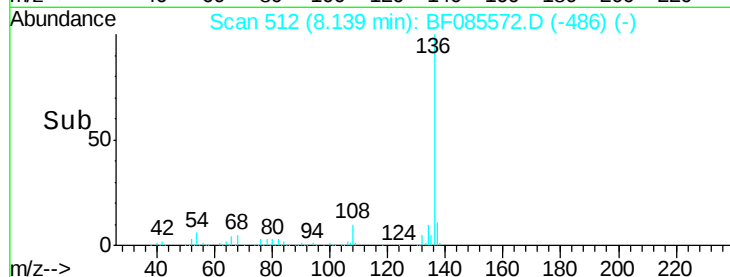


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.31 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085572.D

Acq: 19 Mar 2016 14:55

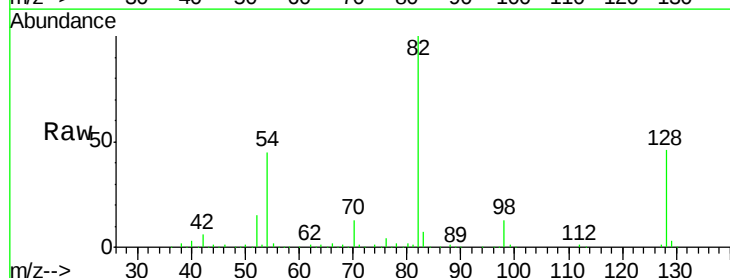
Tgt Ion: 82 Resp: 862911

Ion Ratio Lower Upper

82 100

128 46.0 41.8 62.8

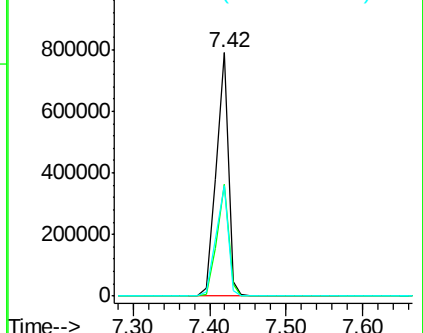
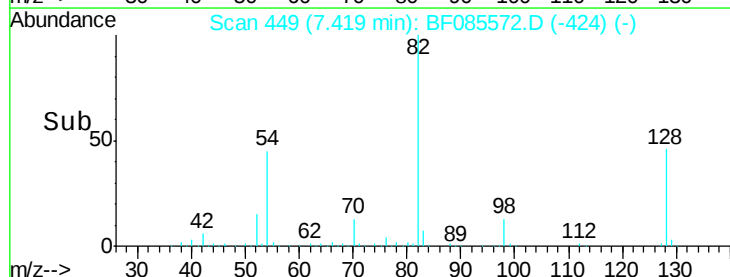
54 45.3 33.4 50.0

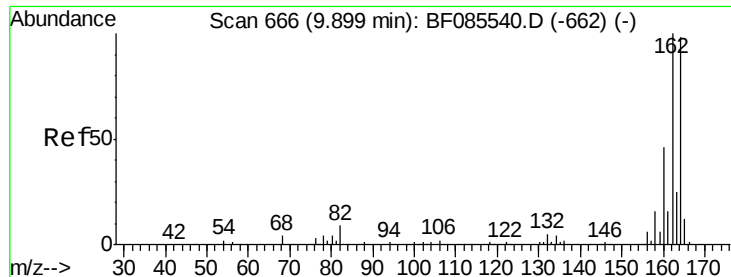


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085572.D

Acq: 19 Mar 2016 14:55

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-9B

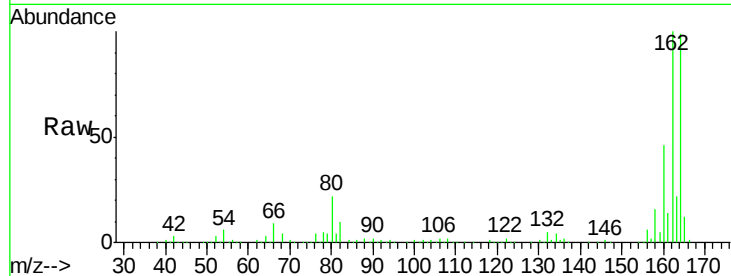
Tgt Ion:164 Resp: 231499

Ion Ratio Lower Upper

164 100

162 101.5 82.1 123.1

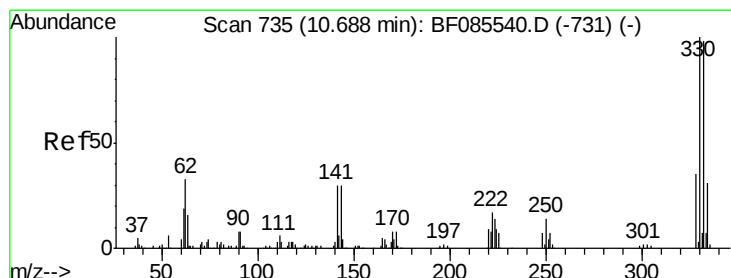
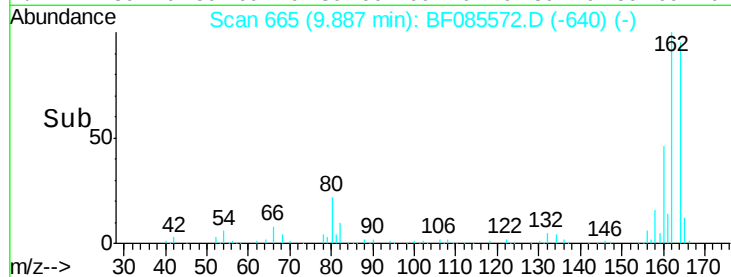
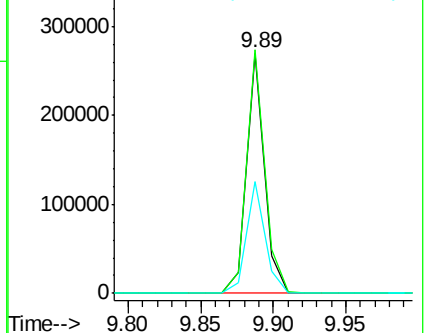
160 46.5 37.4 56.2



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: 171.56 ng

RT: 10.69 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF085572.D

Acq: 19 Mar 2016 14:55

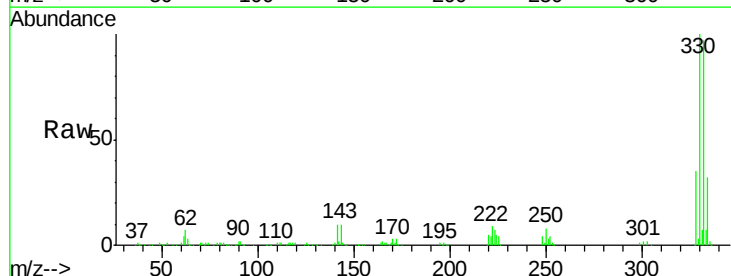
Tgt Ion:330 Resp: 389049

Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.2

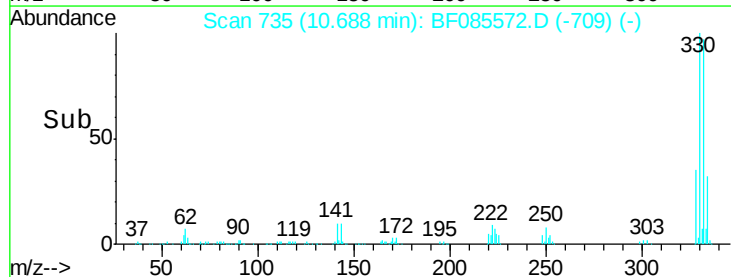
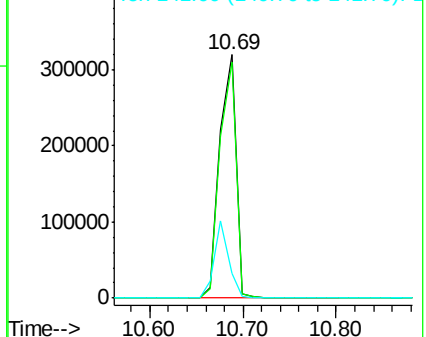
141 28.4 31.5 47.3#

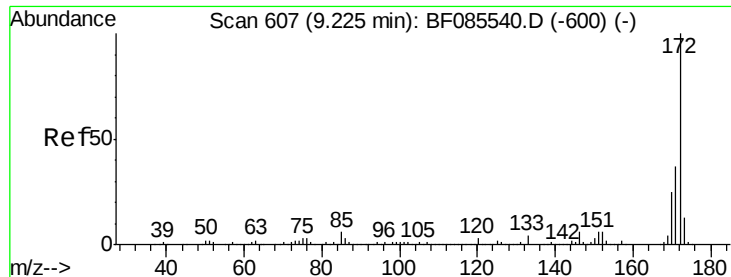


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

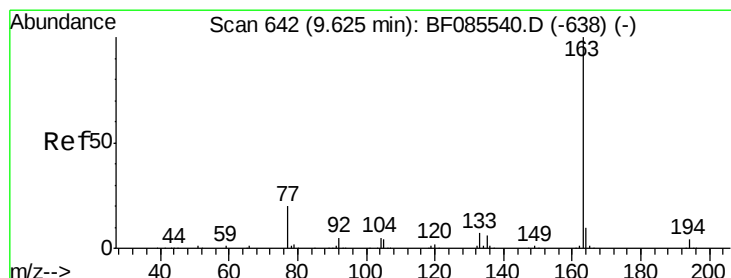
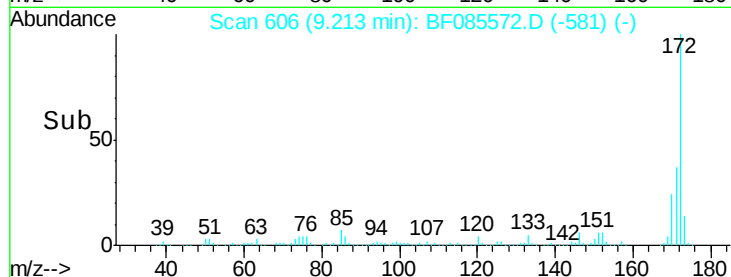
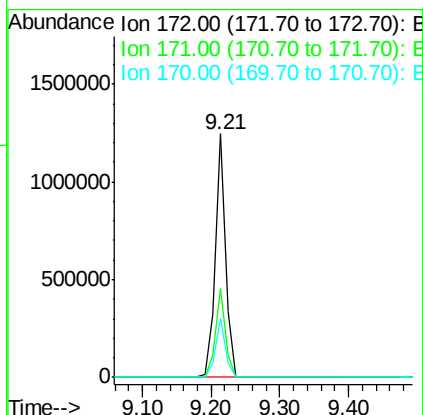
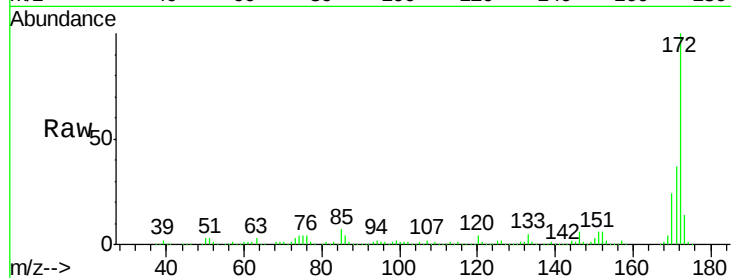




#44
 2-Fluorobiphenyl
 Concen: 103.10 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085572.D
 Acq: 19 Mar 2016 14:55

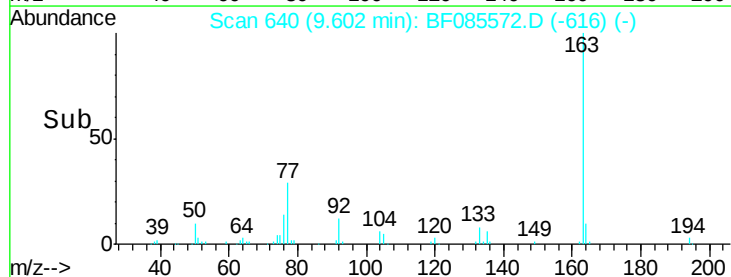
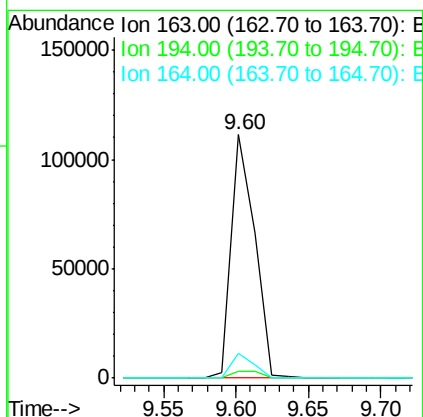
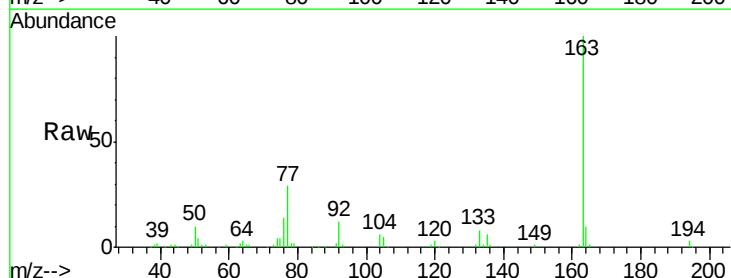
Instrument :
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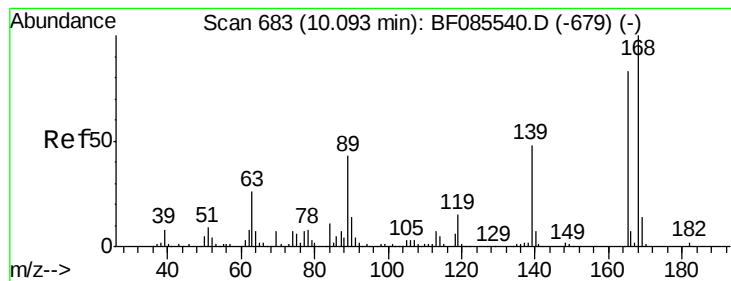
Tgt Ion:172 Resp: 1324993
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.5 19.8 29.6



#49
 Dimethylphthalate
 Concen: 7.18 ng
 RT: 9.60 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF085572.D
 Acq: 19 Mar 2016 14:55

Tgt Ion:163 Resp: 125514
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.9 4.3
 164 10.1 8.3 12.5

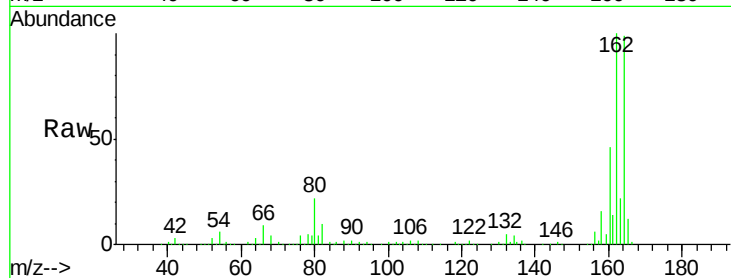




#56
 2,4-Dinitrotoluene
 Concen: 6.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF085572.D
 Acq: 19 Mar 2016 14:55

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

Tgt 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#



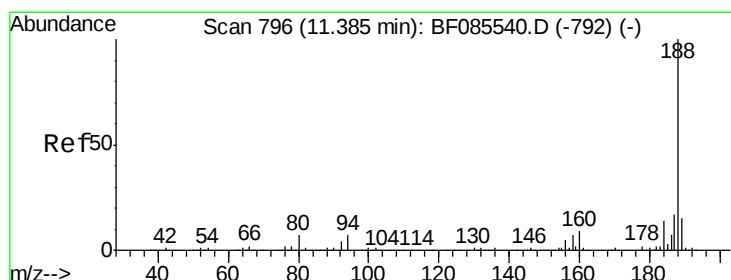
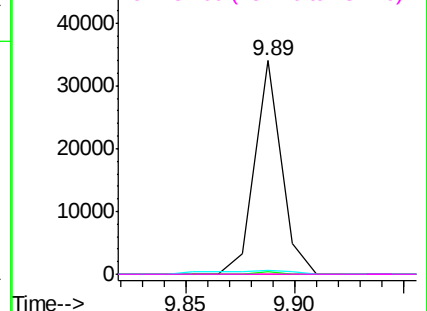
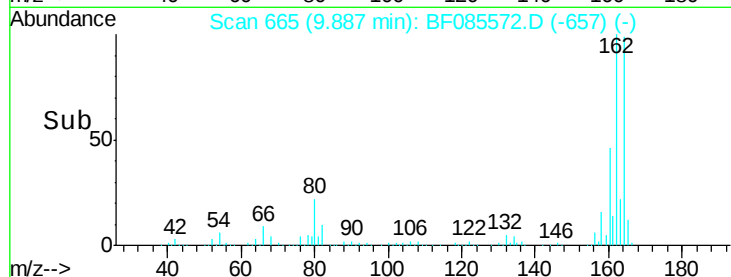
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

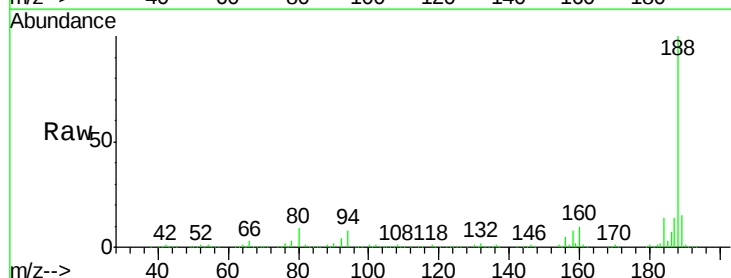
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF085572.D
 Acq: 19 Mar 2016 14:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	5.4	8.0#
80	8.6	5.5	8.3#

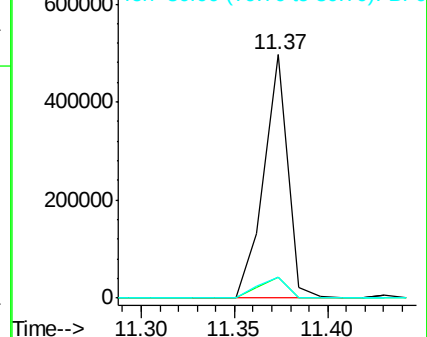
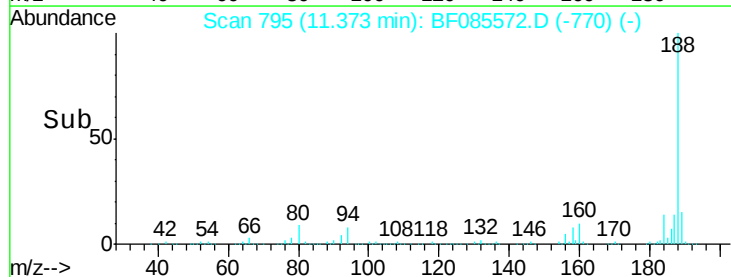


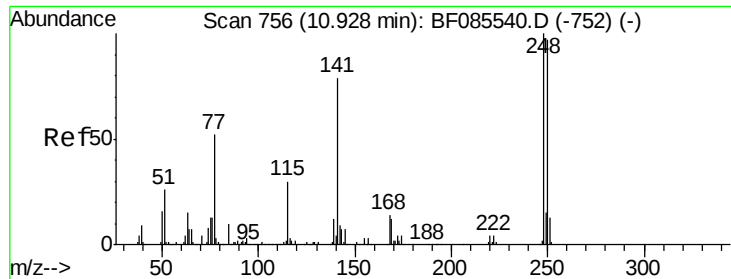
Abundance

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

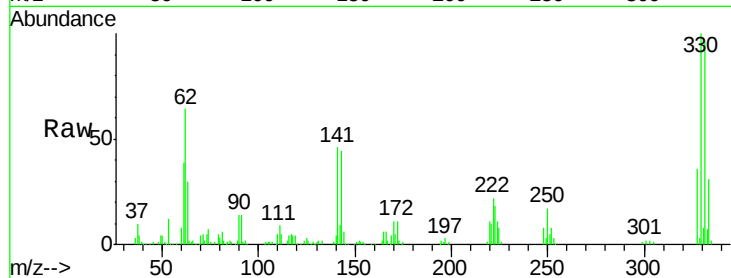




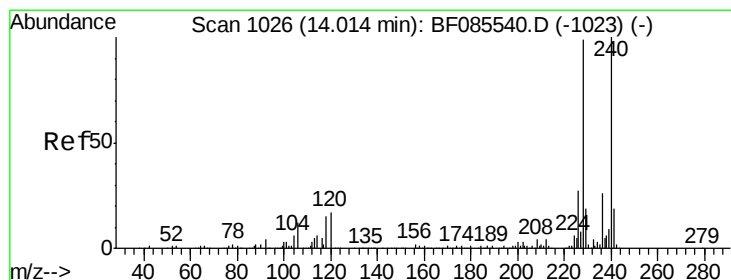
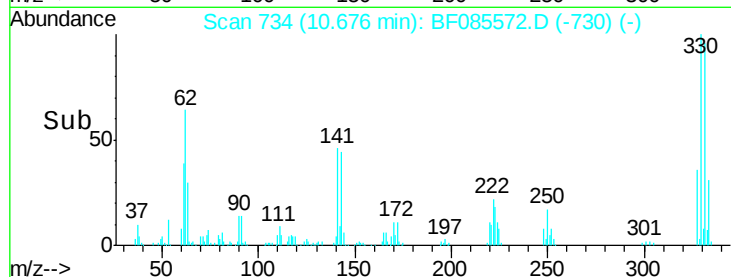
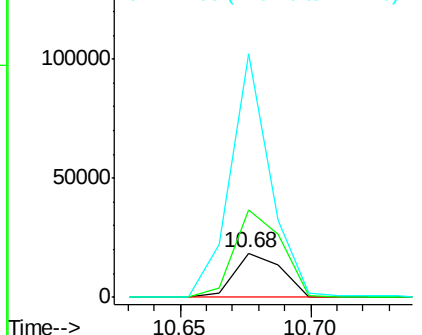
#66
 4-Bromophenyl-phenylether
 Concen: 5.23 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.25 min
 Lab File: BF085572.D
 Acq: 19 Mar 2016 14:55

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

Tgt Ion:248 Resp: 23393
 Ion Ratio Lower Upper
 248 100
 250 198.0 77.4 116.0#
 141 554.3 63.6 95.4#

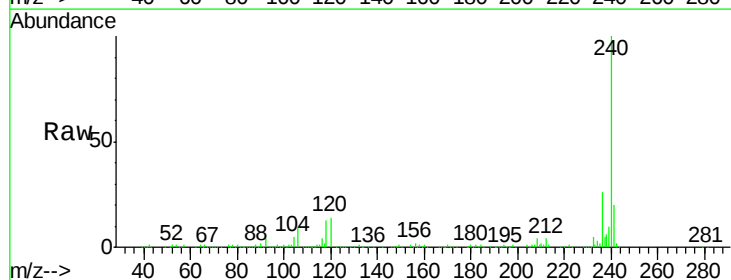


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

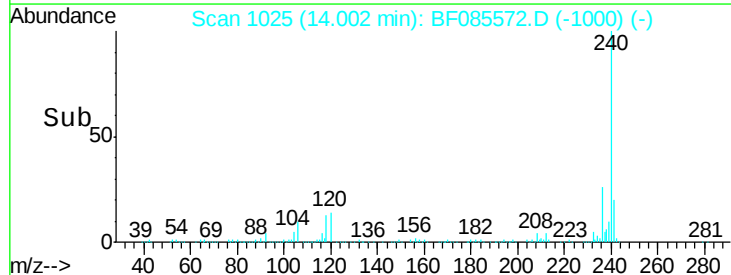
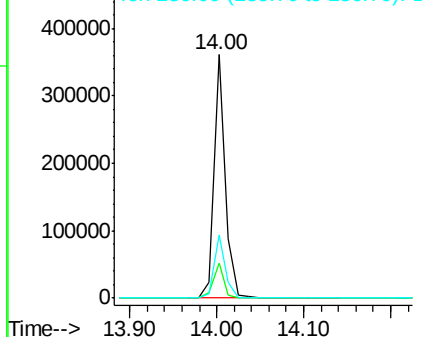


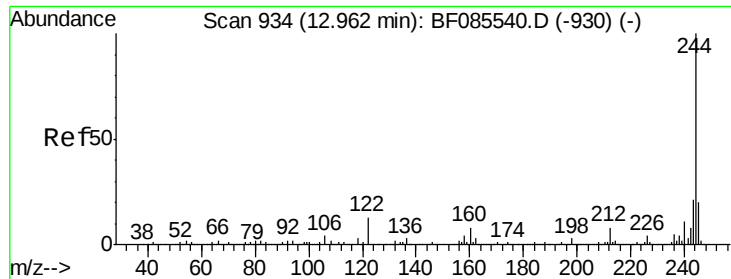
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085572.D
 Acq: 19 Mar 2016 14:55

Tgt Ion:240 Resp: 332972
 Ion Ratio Lower Upper
 240 100
 120 14.4 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

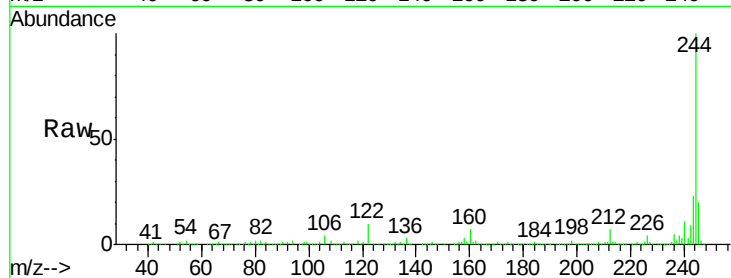




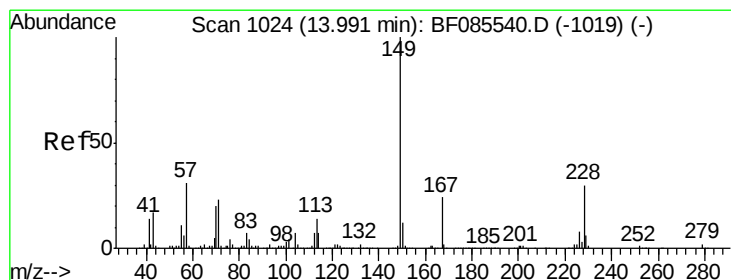
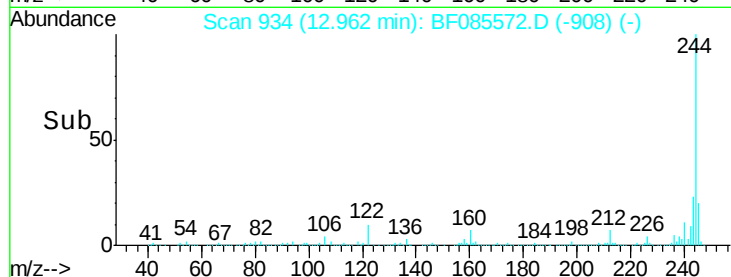
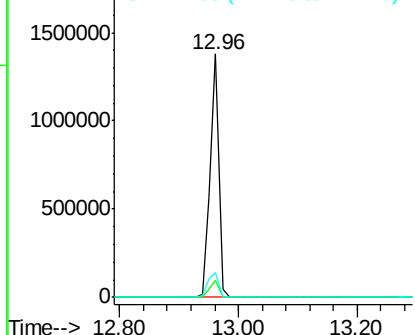
#78
 Terphenyl-d14
 Concen: 100.50 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085572.D
 Acq: 19 Mar 2016 14:55

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

Tgt Ion:244 Resp: 1390656
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 10.3 10.2 15.4

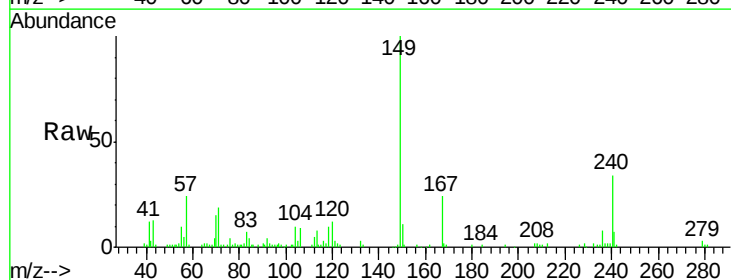


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

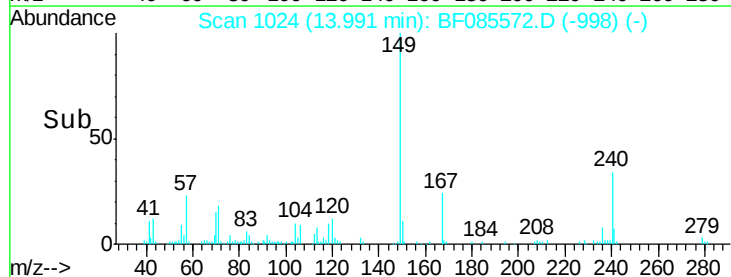
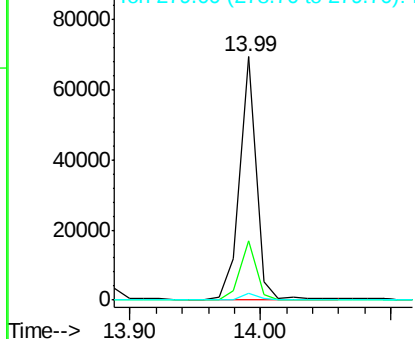


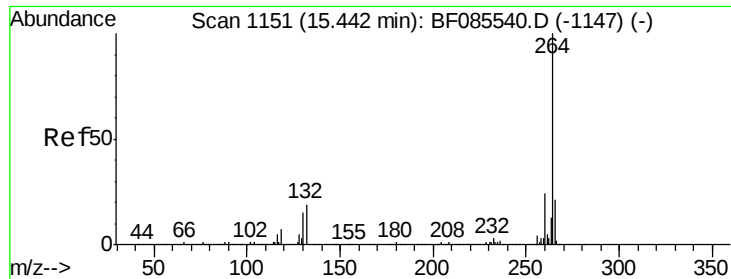
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.34 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF085572.D
 Acq: 19 Mar 2016 14:55

Tgt Ion:149 Resp: 61473
 Ion Ratio Lower Upper
 149 100
 167 24.3 19.4 29.2
 279 3.0 1.5 2.3#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF085572.D
Acq: 19 Mar 2016 14:55

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

Tgt Ion: 264 Resp: 243569
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 21.5 17.2 25.8

