

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085896.D
 Acq On : 30 Mar 2016 19:53
 Operator : UM/SJ
 Sample : H2027-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-17COMP

Quant Time: Mar 30 23:47:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

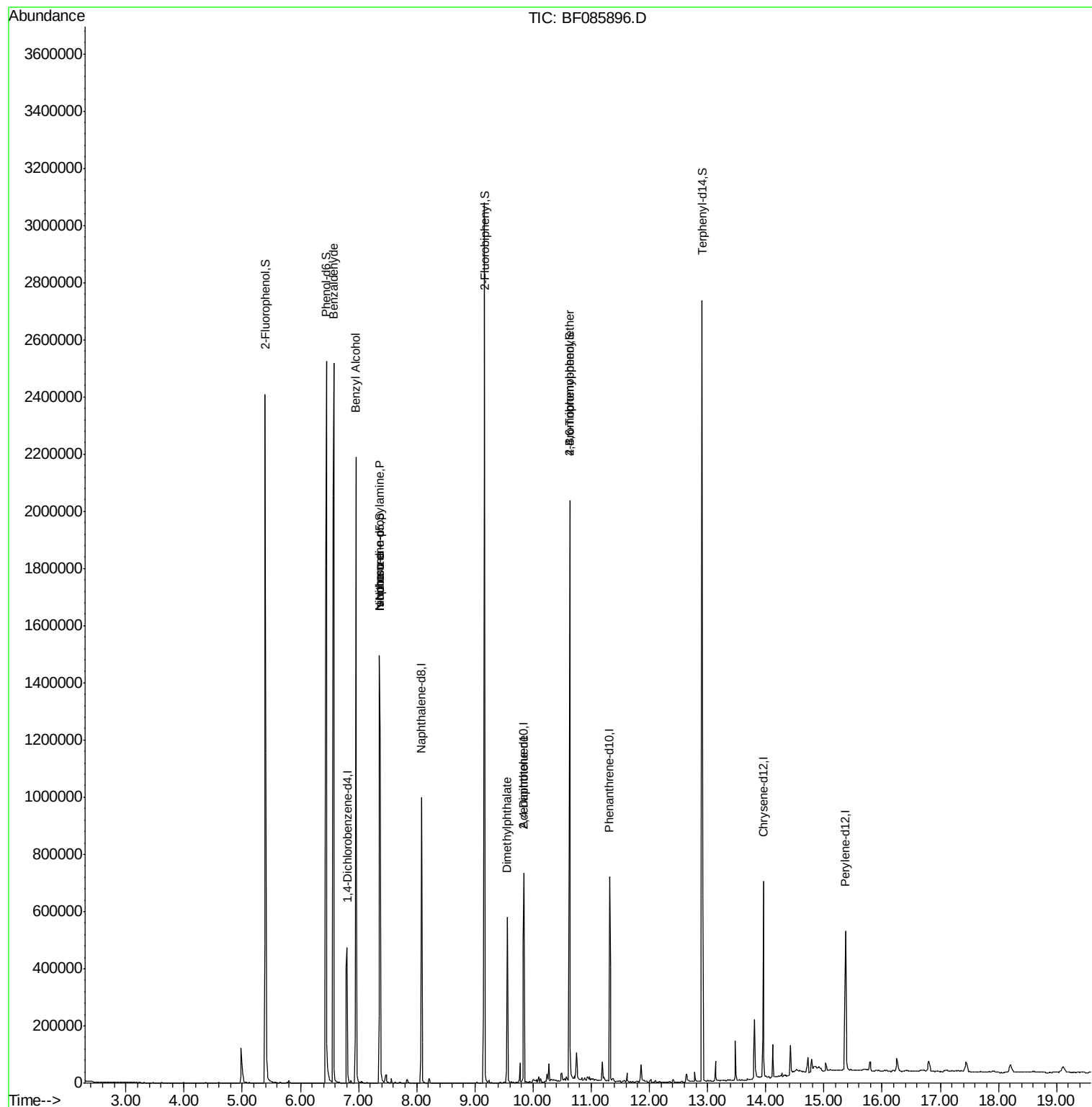
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105495	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	431413	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	183942	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	314174	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	222861	20.00	ng	-0.01
86) Perylene-d12	15.37	264	217760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	919523	145.16	ng	0.00
7) Phenol-d6	6.45	99	1268824	157.54	ng	0.00
23) Nitrobenzene-d5	7.36	82	745677	97.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	262473	150.19	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1293838	117.52	ng	0.00
78) Terphenyl-d14	12.90	244	883574	81.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	22378	4.61	ng	Qvalue 84
15) Benzyl Alcohol	6.95	79	11421	2.13	ng	# 50
19) n-Nitroso-di-n-propylamine	7.36	70	96094	19.93	ng	# 80
25) Isophorone	7.36	82	688959	46.68	ng	# 68
49) Dimethylphthalate	9.56	163	213643	15.31	ng	99
56) 2,4-Dinitrotoluene	9.84	165	23682	6.20	ng	# 37
66) 4-Bromophenyl-phenylether	10.63	248	18794	5.85	ng	# 1

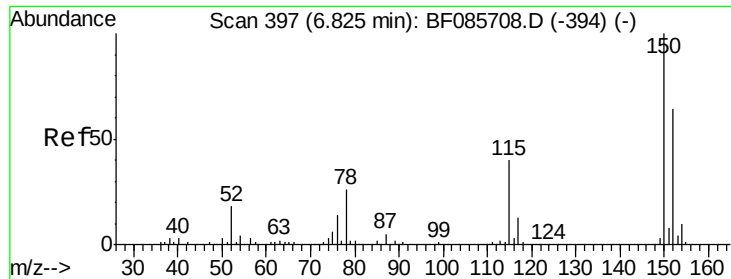
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF085896.D

Acq: 30 Mar 2016 19:53

Instrument :

BNA_F

ClientSampleId :

GRID-17COMP

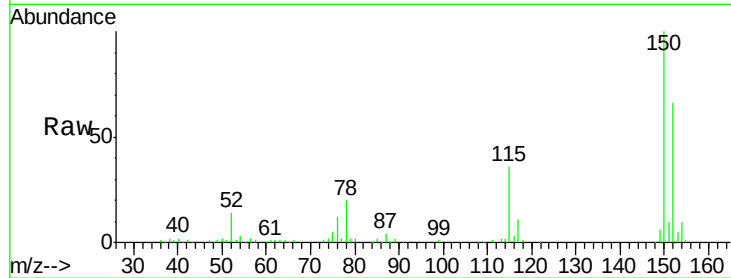
Tgt Ion:152 Resp: 105495

Ion Ratio Lower Upper

152 100

150 151.5 124.2 186.2

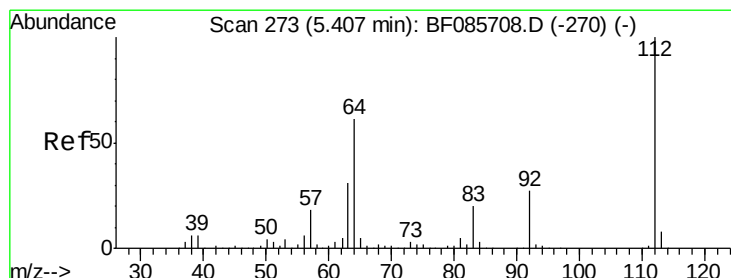
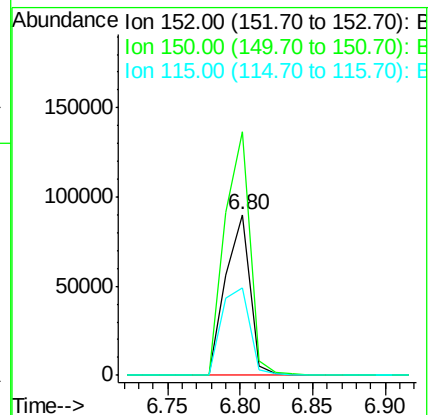
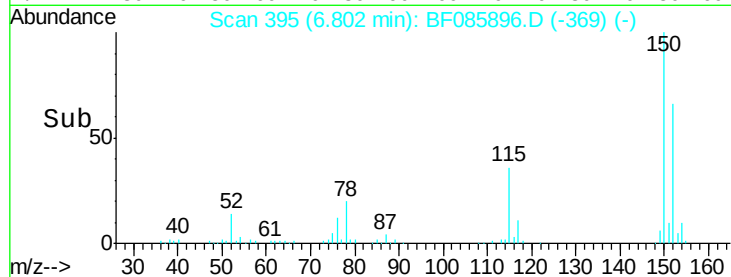
115 54.1 47.0 70.6



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: 145.16 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.00 min

Lab File: BF085896.D

Acq: 30 Mar 2016 19:53

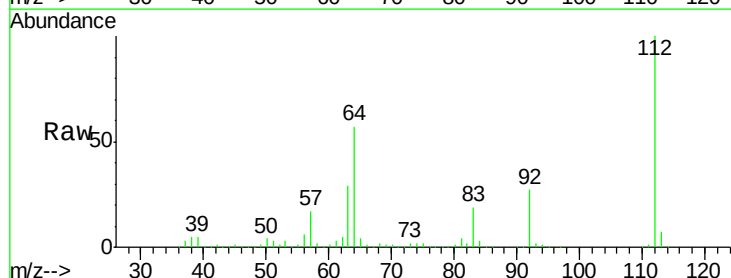
Tgt Ion:112 Resp: 919523

Ion Ratio Lower Upper

112 100

64 56.9 39.9 59.9

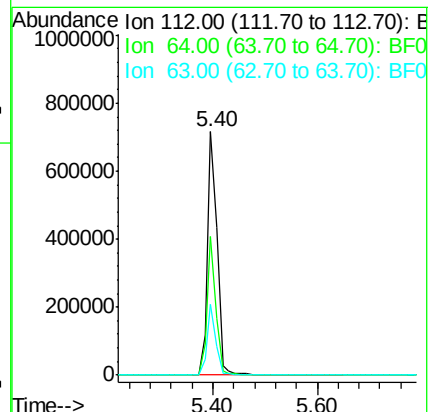
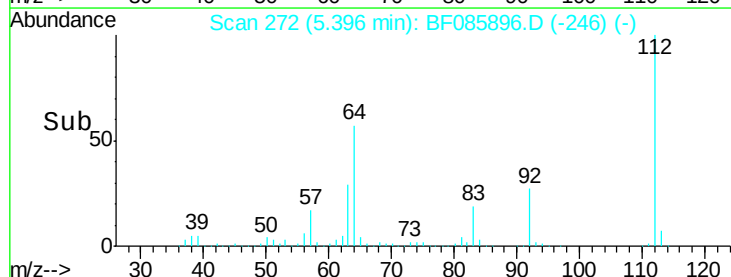
63 28.9 20.2 30.2

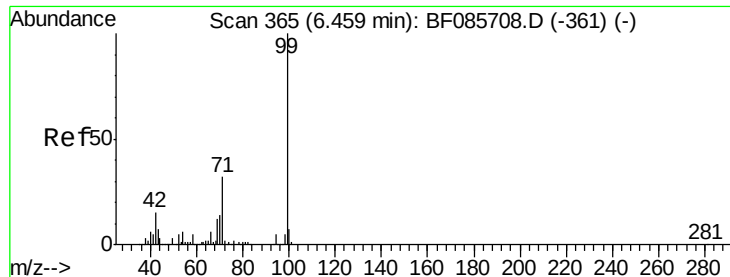


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 157.54 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF085896.D

Acq: 30 Mar 2016 19:53

Instrument :

BNA_F

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GRID-17COMP

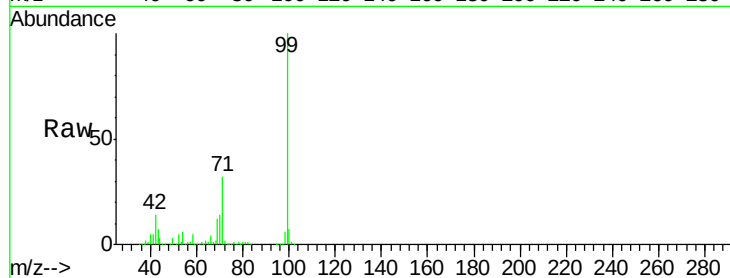
Tgt Ion: 99 Resp: 1268824

Ion Ratio Lower Upper

99 100

42 14.1 11.1 16.7

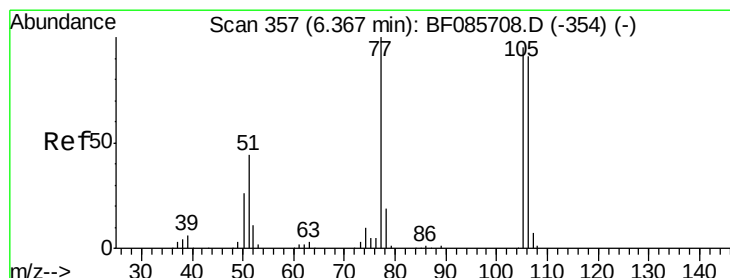
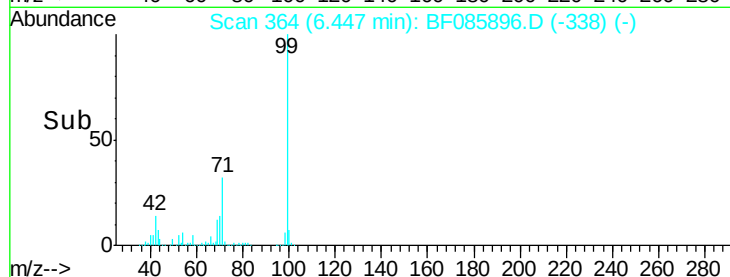
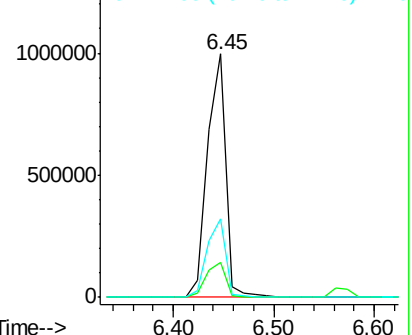
71 32.0 24.9 37.3



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: 4.61 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.23 min

Lab File: BF085896.D

Acq: 30 Mar 2016 19:53

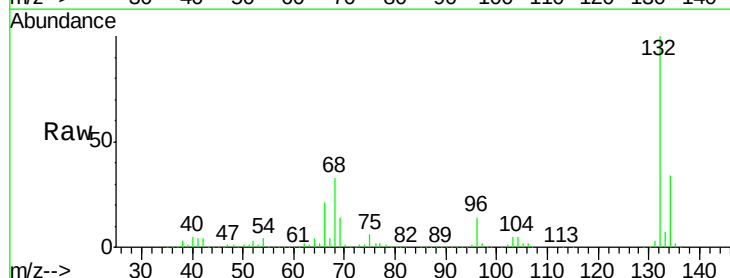
Tgt Ion: 77 Resp: 22378

Ion Ratio Lower Upper

77 100

105 83.2 80.1 120.1

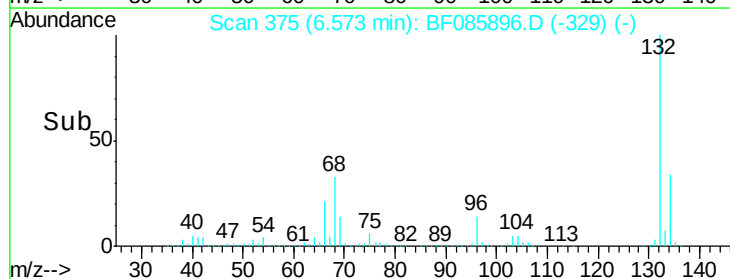
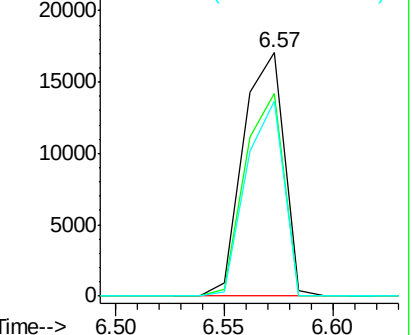
106 79.8 75.0 115.0

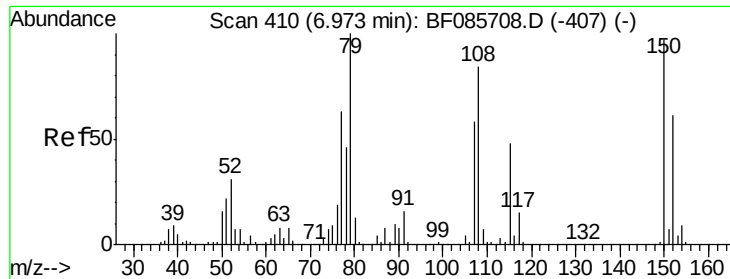


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

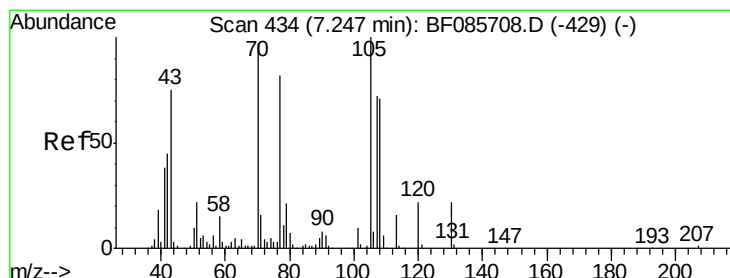
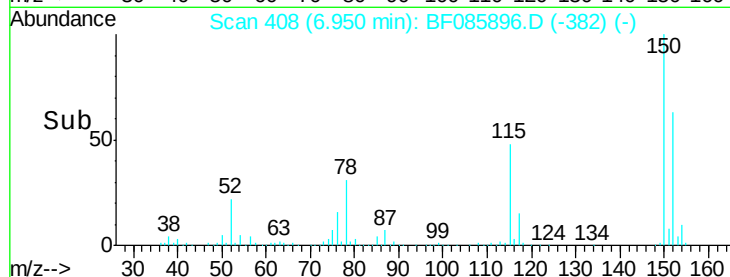
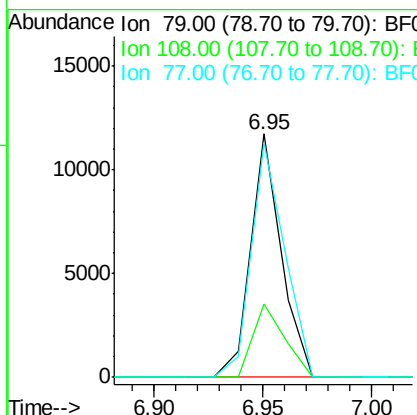
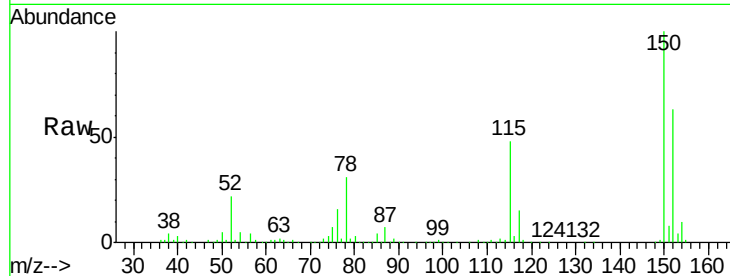




#15
Benzyl Alcohol
Concen: 2.13 ng
RT: 6.95 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF085896.D
Acq: 30 Mar 2016 19:53

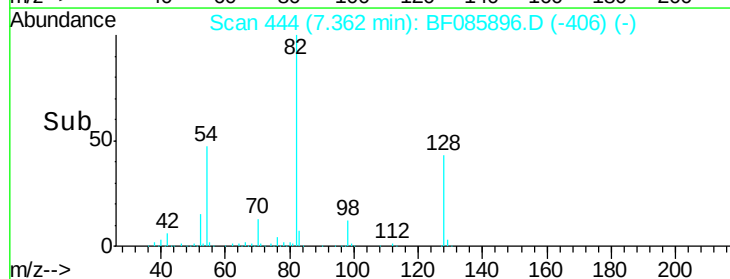
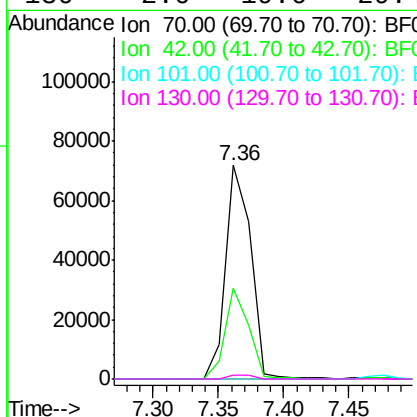
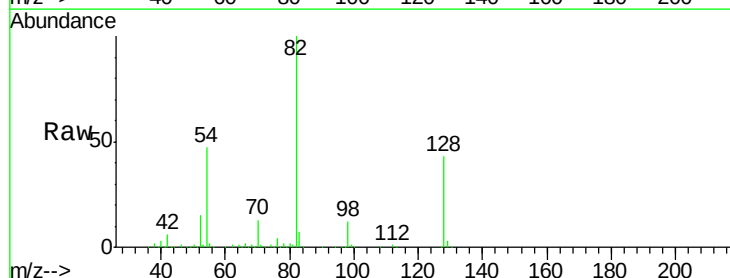
Instrument :
BNA_F
ClientSampleId :
GRID-17COMP

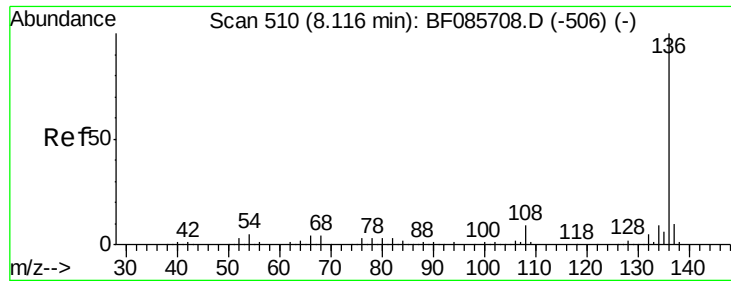
Tgt Ion: 79 Resp: 11421
Ion Ratio Lower Upper
79 100
108 30.2 61.8 92.6#
77 96.2 49.6 74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 19.93 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.14 min
Lab File: BF085896.D
Acq: 30 Mar 2016 19:53

Tgt Ion: 70 Resp: 96094
Ion Ratio Lower Upper
70 100
42 42.7 37.1 55.7
101 0.0 8.6 12.8#
130 2.0 19.6 29.4#

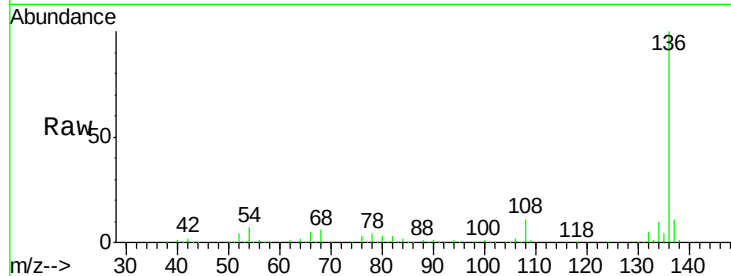




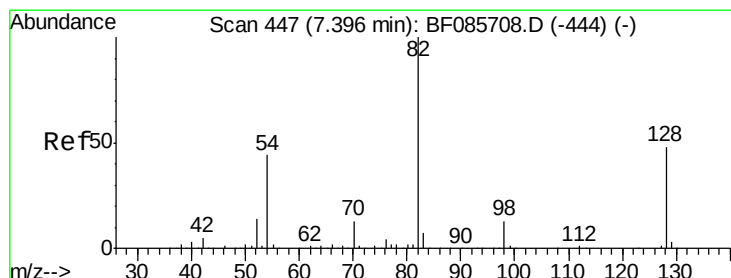
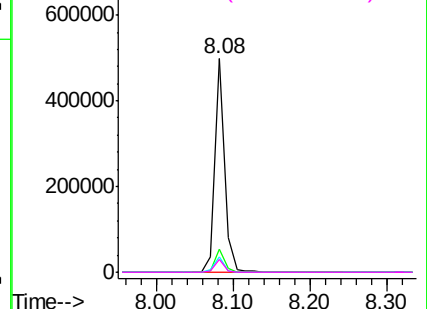
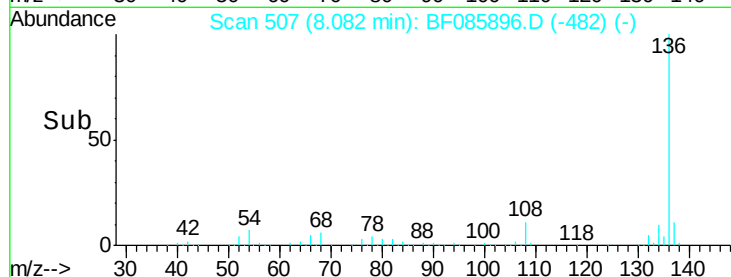
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085896.D
Acq: 30 Mar 2016 19:53

Instrument :
BNA_F
ClientSampleId :
GRID-17COMP

Tgt Ion:136 Resp: 431413
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.3 7.4 11.0#
68 6.0 5.8 8.8

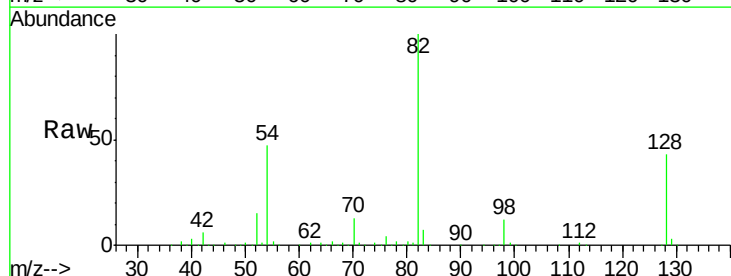


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

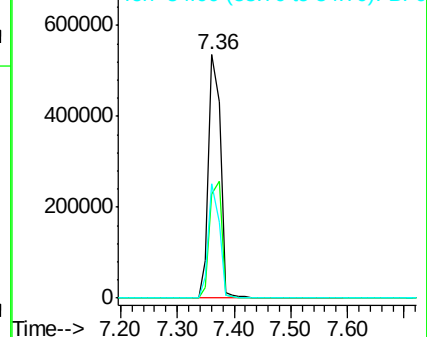
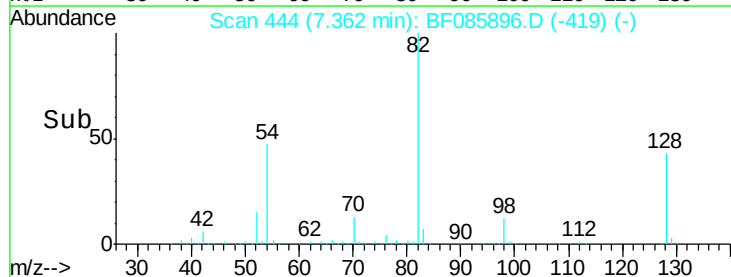


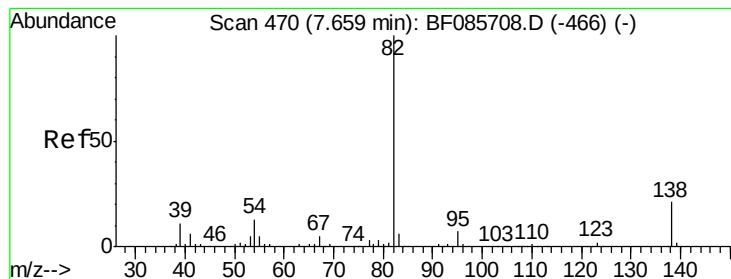
#23
Nitrobenzene-d5
Concen: 97.34 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085896.D
Acq: 30 Mar 2016 19:53

Tgt Ion: 82 Resp: 745677
Ion Ratio Lower Upper
82 100
128 42.9 41.8 62.8
54 46.8 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





#25

Isophorone

Concen: 46.68 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085896.D

Acq: 30 Mar 2016 19:53

Instrument :

BNA_F

ClientSampleId :

GRID-17COMP

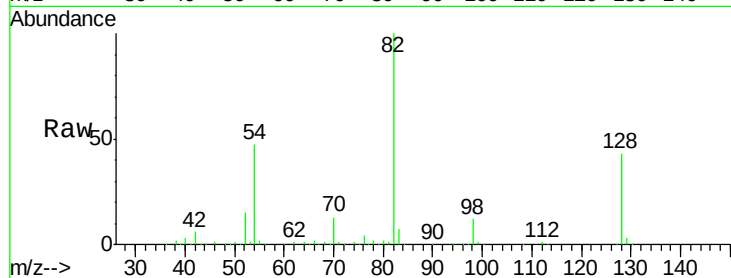
Tgt Ion: 82 Resp: 688959

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

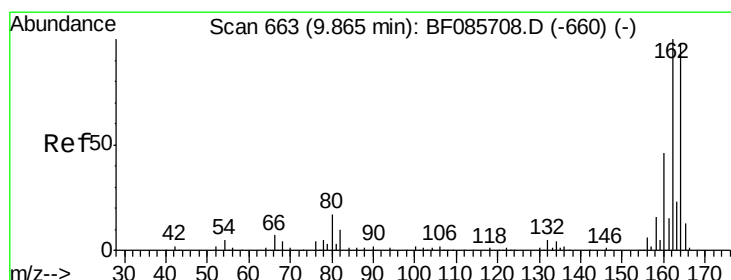
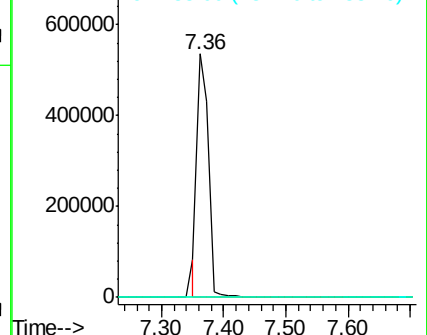
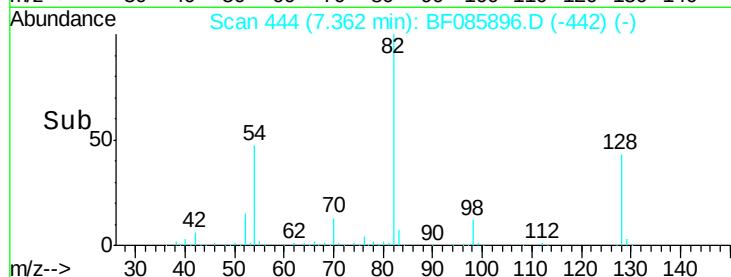
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF085896.D

Acq: 30 Mar 2016 19:53

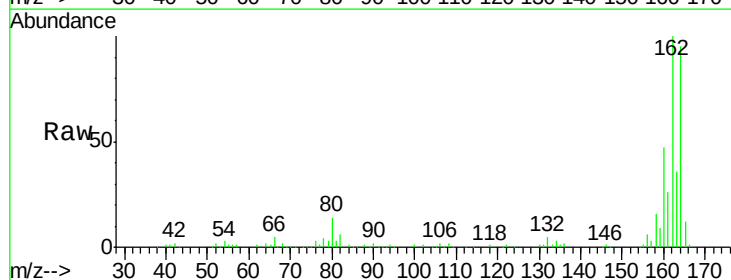
Tgt Ion: 164 Resp: 183942

Ion Ratio Lower Upper

164 100

162 105.2 82.1 123.1

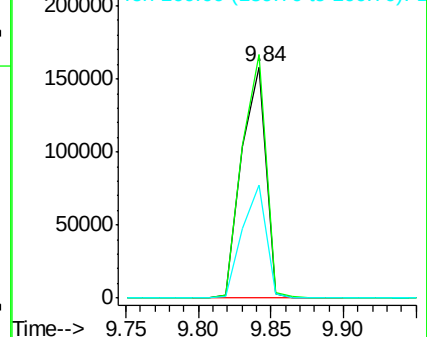
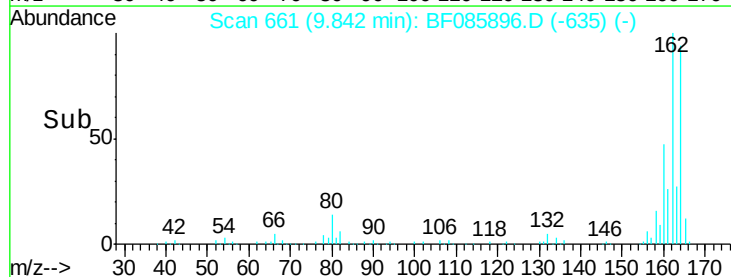
160 49.1 37.4 56.2

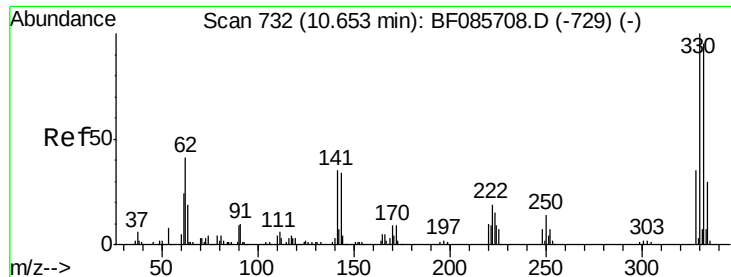


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

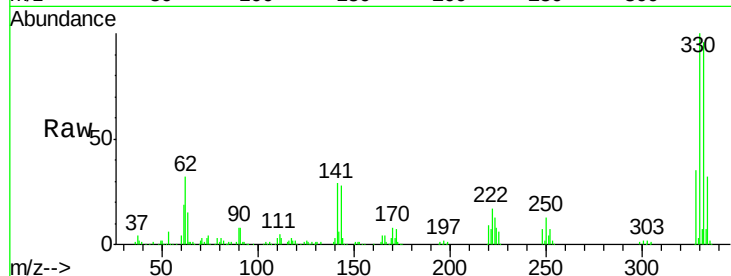




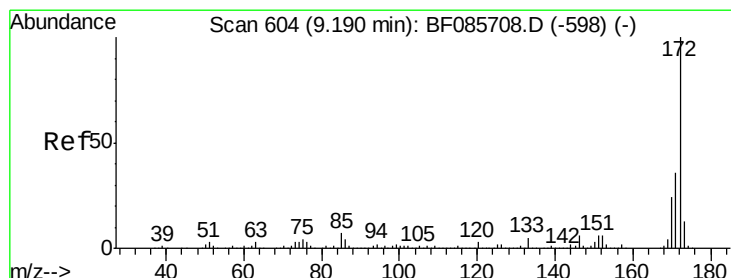
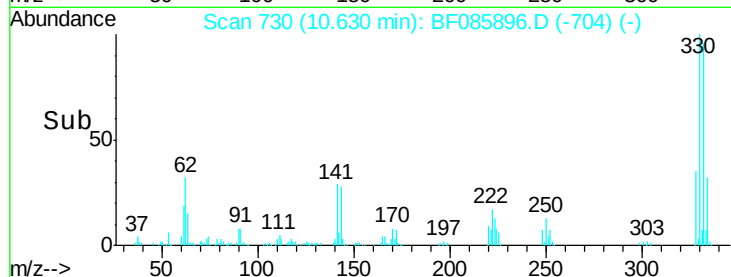
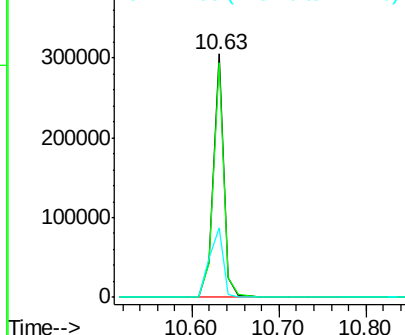
#41
 2,4,6-Tribromophenol
 Concen: 150.19 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085896.D
 Acq: 30 Mar 2016 19:53

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 BNA_F
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 GRID-17COMP

Tgt Ion:330 Resp: 262473
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.2 117.2
 141 37.6 31.5 47.3

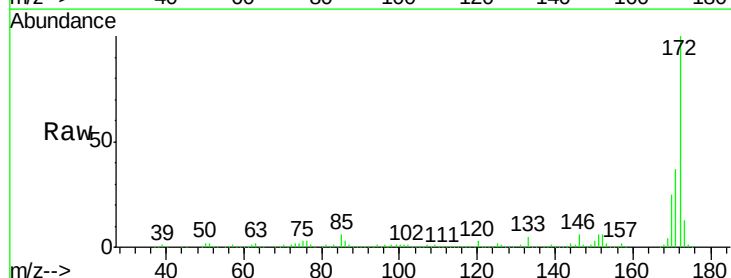


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

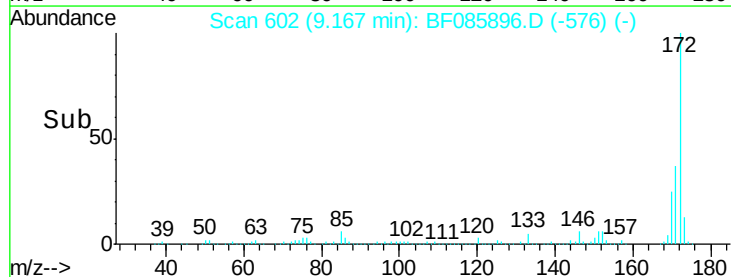
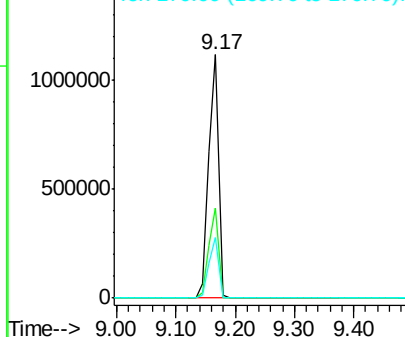


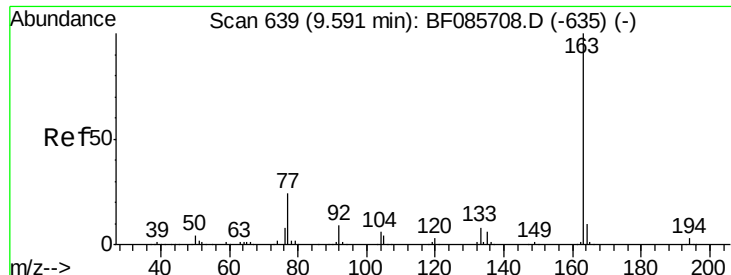
#44
 2-Fluorobiphenyl
 Concen: 117.52 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085896.D
 Acq: 30 Mar 2016 19:53

Tgt Ion:172 Resp: 1293838
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 24.8 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

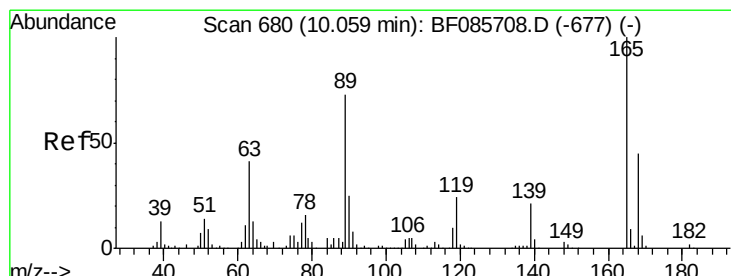
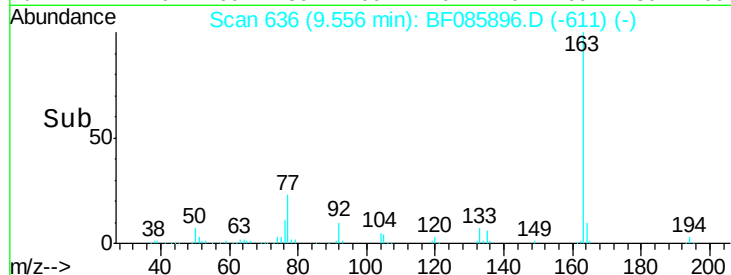
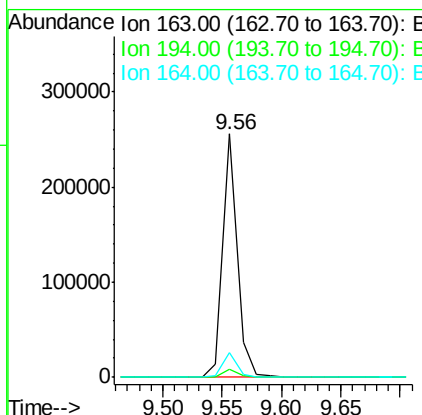
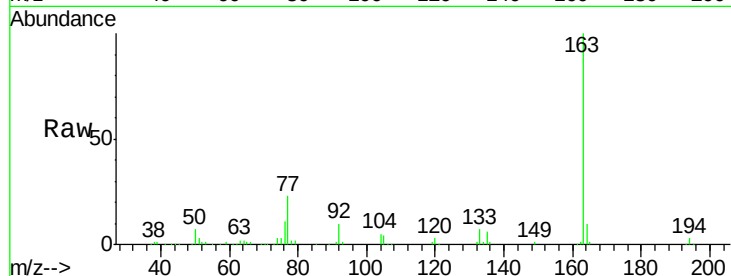




#49
Dimethylphthalate
Concen: 15.31 ng
RT: 9.56 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF085896.D
Acq: 30 Mar 2016 19:53

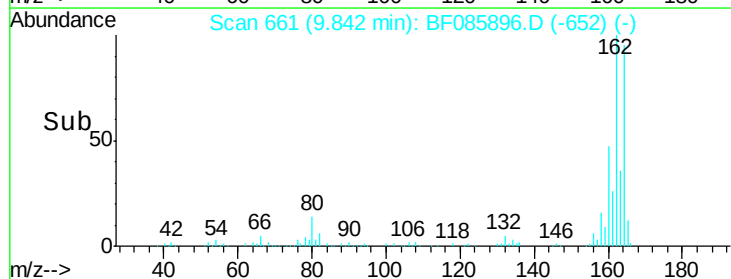
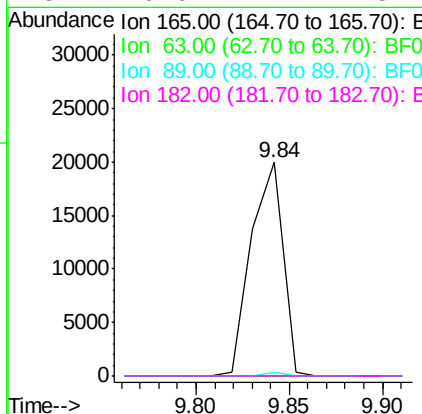
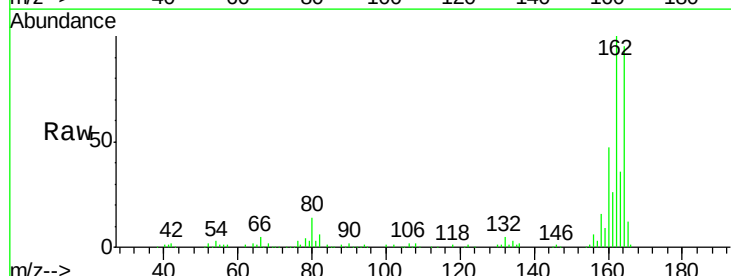
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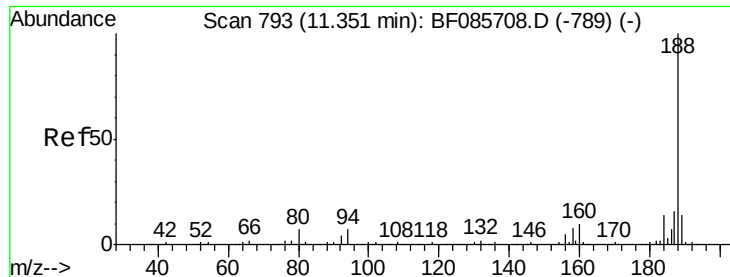
Tgt Ion:163 Resp: 213643
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.3 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.20 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF085896.D
Acq: 30 Mar 2016 19:53

Tgt Ion:165 Resp: 23682
Ion Ratio Lower Upper
165 100
63 0.0 24.9 37.3#
89 2.1 41.0 61.6#
182 0.0 2.1 3.1#

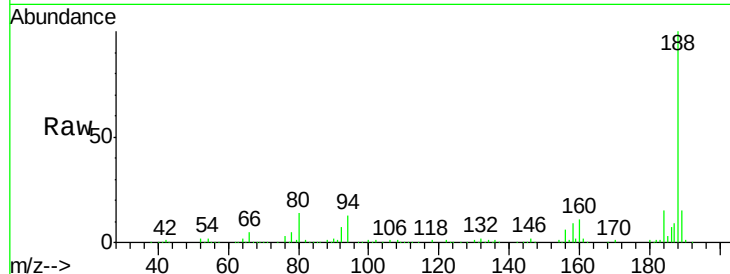




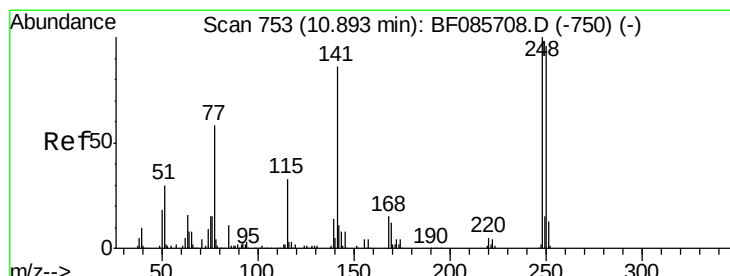
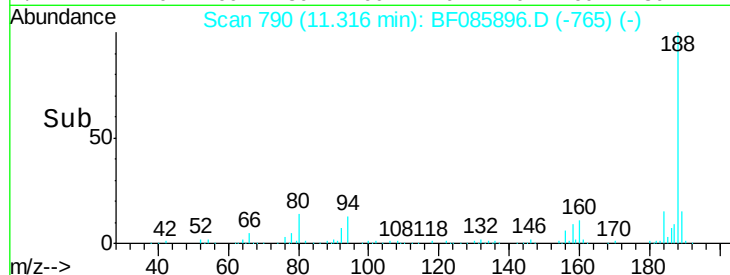
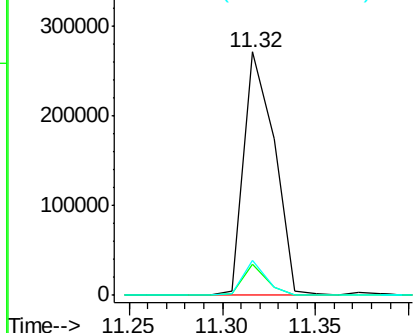
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF085896.D
 Acq: 30 Mar 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 GRID-17COMP

Tgt Ion:188 Resp: 314174
 Ion Ratio Lower Upper
 188 100
 94 12.8 5.4 8.0#
 80 14.1 5.5 8.3#

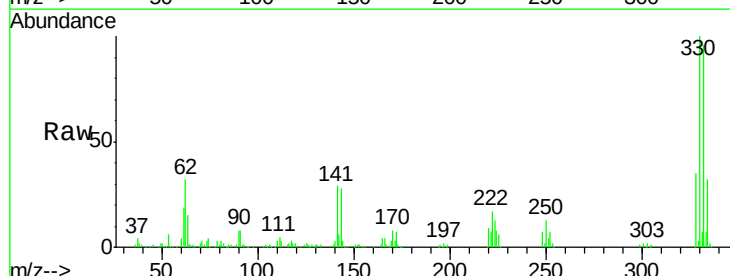


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

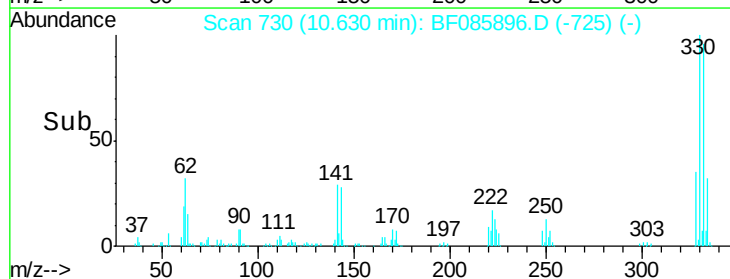
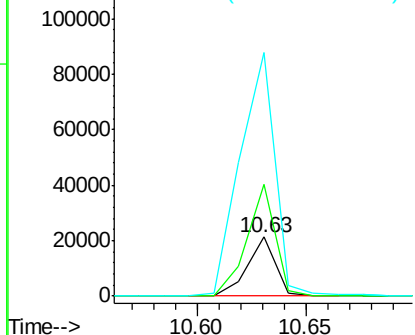


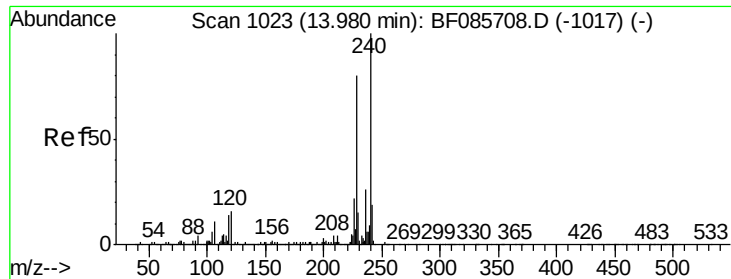
#66
 4-Bromophenyl-phenylether
 Concen: 5.85 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.24 min
 Lab File: BF085896.D
 Acq: 30 Mar 2016 19:53

Tgt Ion:248 Resp: 18794
 Ion Ratio Lower Upper
 248 100
 250 190.7 77.4 116.0#
 141 414.4 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: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085896.D

Acq: 30 Mar 2016 19:53

Instrument :

BNA_F

ClientSampleId :

GRID-17COMP

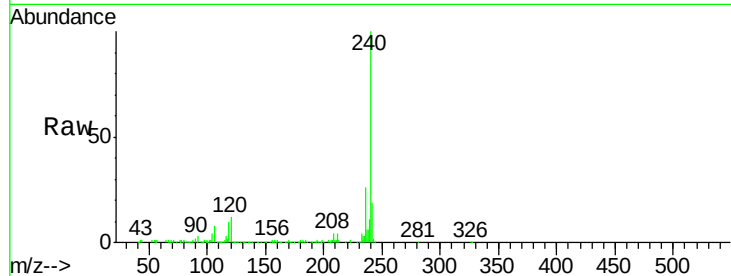
Tgt Ion:240 Resp: 222861

Ion Ratio Lower Upper

240 100

120 12.0 13.8 20.8#

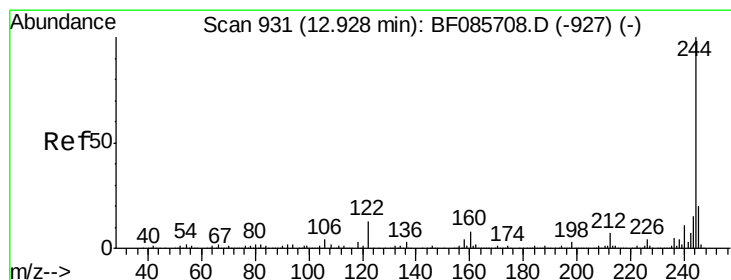
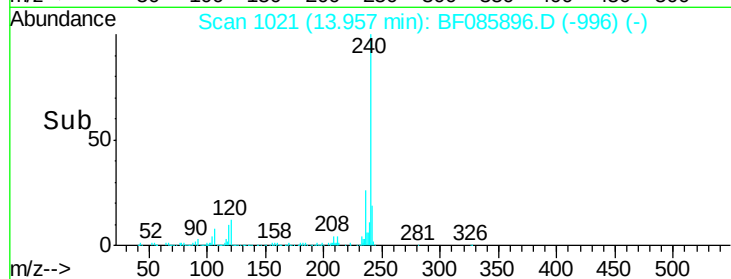
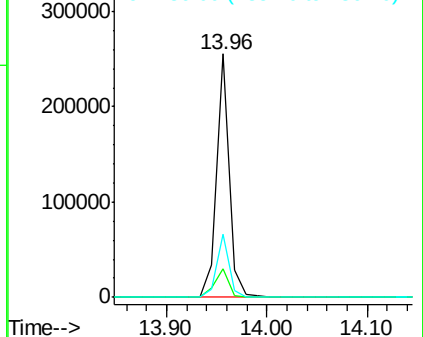
236 26.1 20.6 30.8



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: 81.54 ng

RT: 12.90 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF085896.D

Acq: 30 Mar 2016 19:53

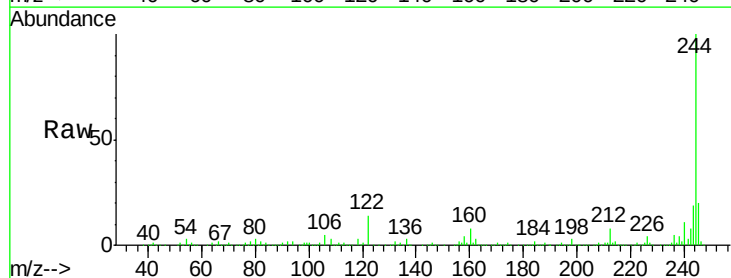
Tgt Ion:244 Resp: 883574

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

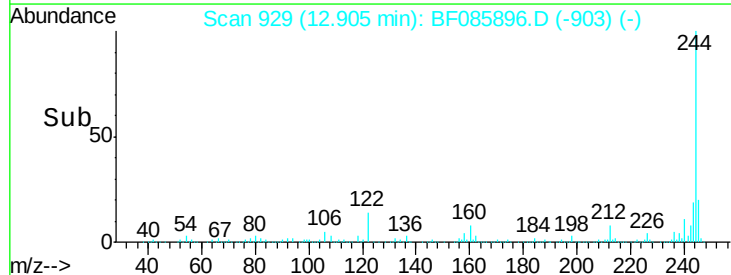
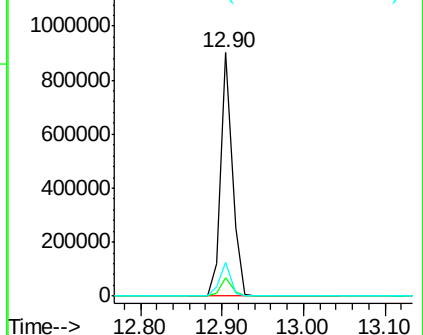
122 13.7 10.2 15.4

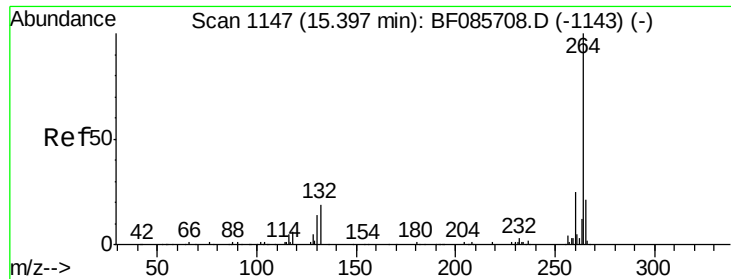


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.37 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF085896.D
Acq: 30 Mar 2016 19:53

Instrument :
BNA_F
ClientSampleId :
GRID-17COMP

Tgt Ion: 264 Resp: 217760

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.0	17.2	25.8

