

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085899.D
 Acq On : 30 Mar 2016 21:18
 Operator : UM/SJ
 Sample : H2023-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5

Quant Time: Mar 30 23:48:05 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

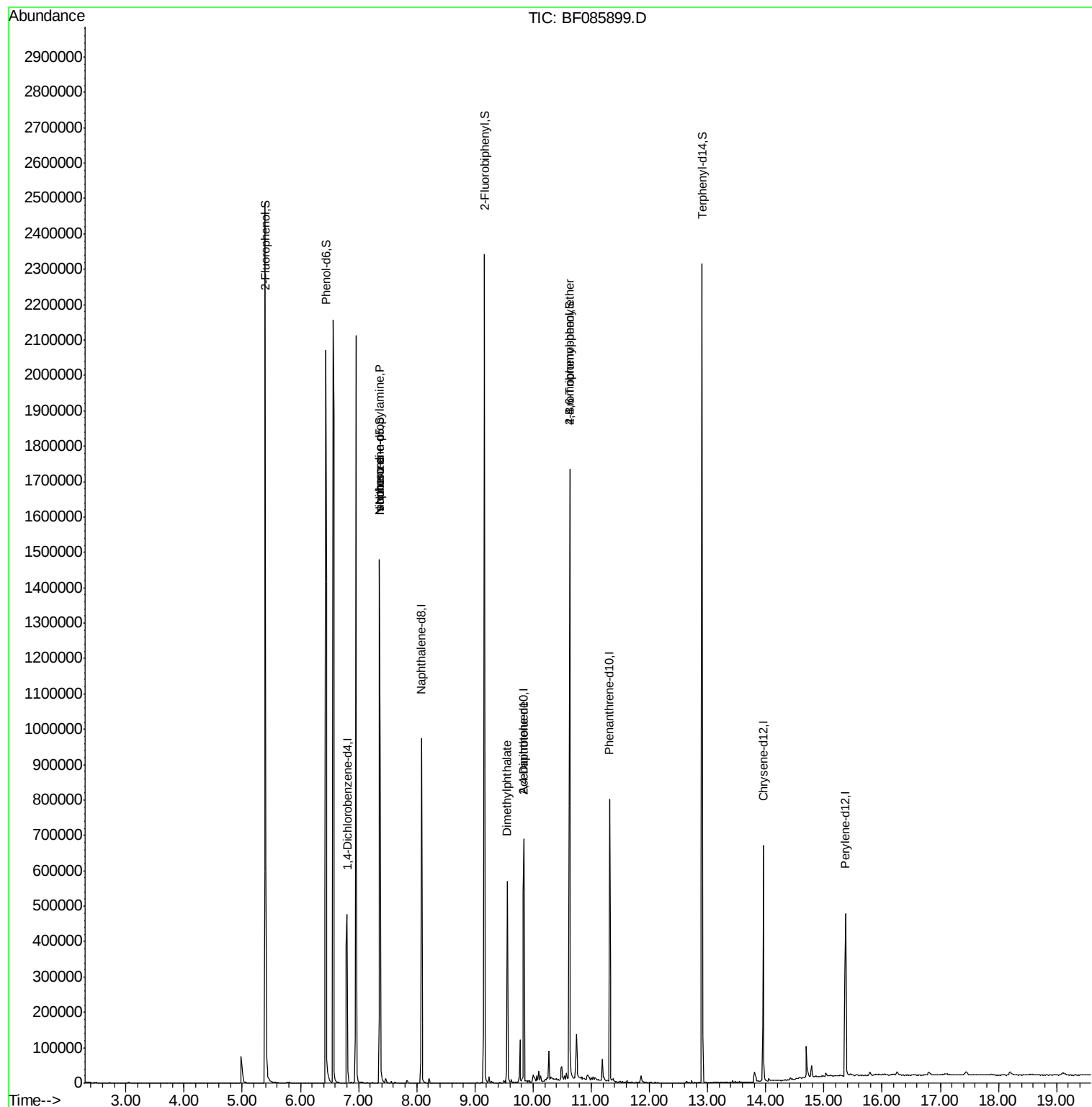
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	104127	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	426110	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	182603	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	308355	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	220803	20.00	ng	-0.01
86) Perylene-d12	15.37	264	220540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	816054	130.52	ng	0.00
7) Phenol-d6	6.44	99	1119798	140.87	ng	-0.01
23) Nitrobenzene-d5	7.36	82	657586	86.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	238199	137.30	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1093137	100.02	ng	0.00
78) Terphenyl-d14	12.91	244	681017	63.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	84520	17.76	ng	# 80
25) Isophorone	7.36	82	612992	42.05	ng	# 68
49) Dimethylphthalate	9.56	163	202117	14.59	ng	99
56) 2,4-Dinitrotoluene	9.84	165	22826	6.02	ng	# 37
66) 4-Bromophenyl-phenylether	10.63	248	16112	5.11	ng	# 1

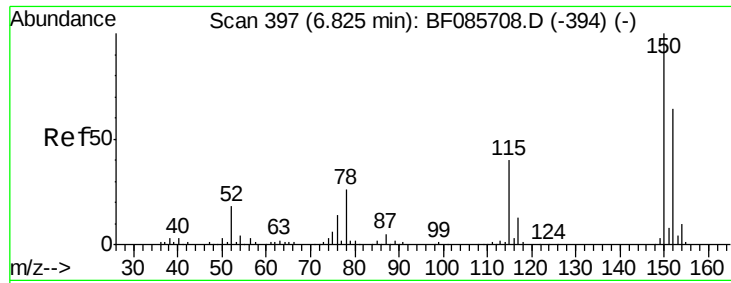
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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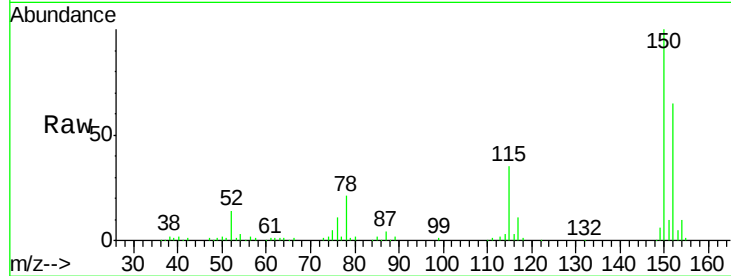


#1

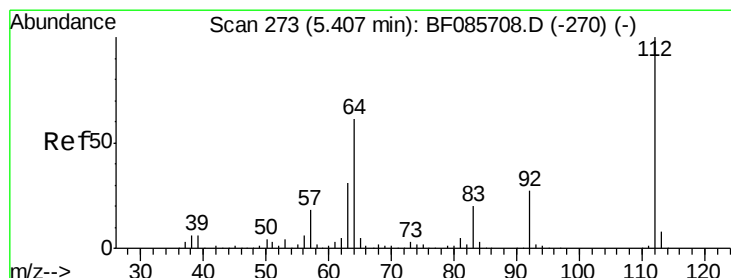
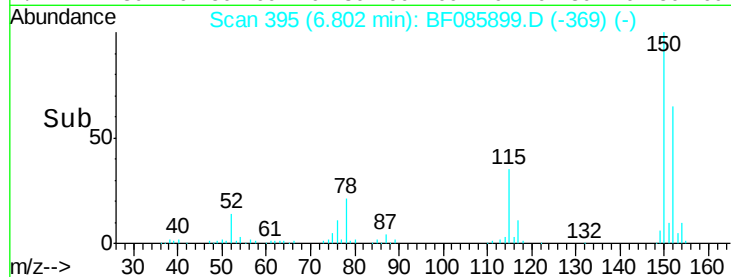
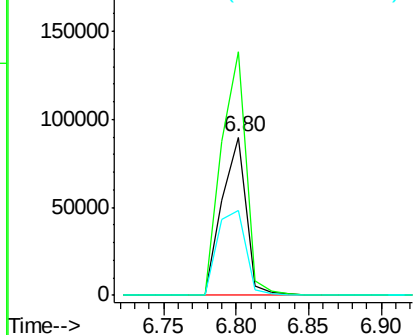
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF085899.D
Acq: 30 Mar 2016 21:18

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion:152 Resp: 104127
Ion Ratio Lower Upper
152 100
150 153.8 124.2 186.2
115 53.7 47.0 70.6



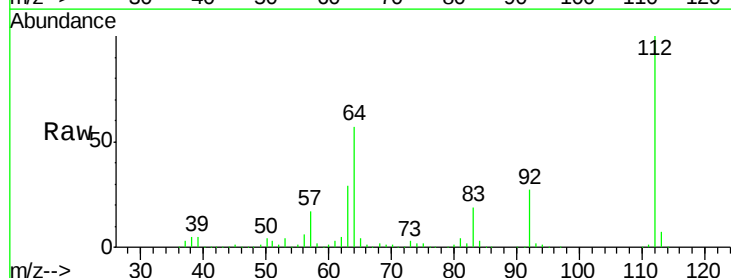
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



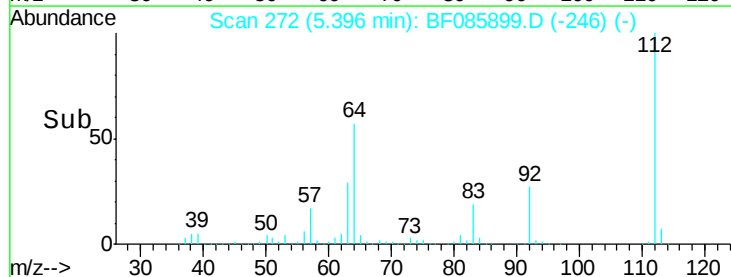
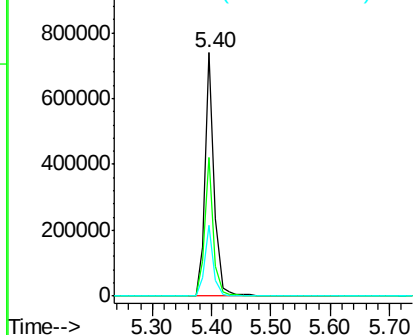
#5

2-Fluorophenol
Concen: 130.52 ng
RT: 5.40 min Scan# 272
Delta R.T. -0.00 min
Lab File: BF085899.D
Acq: 30 Mar 2016 21:18

Tgt Ion:112 Resp: 816054
Ion Ratio Lower Upper
112 100
64 56.8 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: 140.87 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085899.D

Acq: 30 Mar 2016 21:18

Instrument :

BNA_F

ClientSampled :

B-5

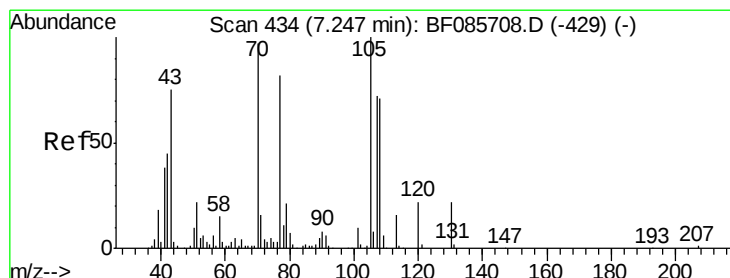
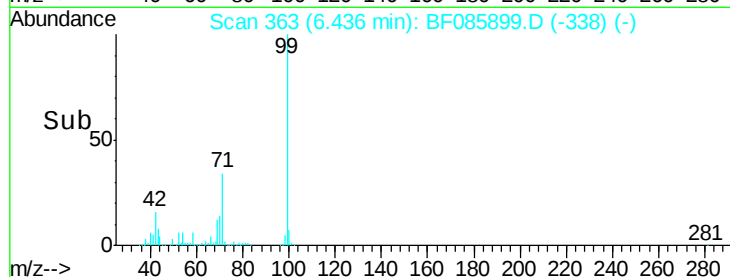
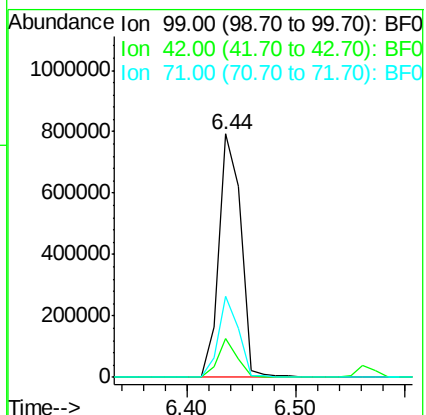
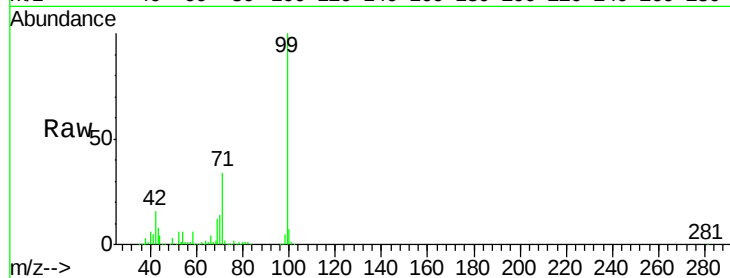
Tgt Ion: 99 Resp: 1119798

Ion Ratio Lower Upper

99 100

42 15.8 11.1 16.7

71 33.5 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.76 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085899.D

Acq: 30 Mar 2016 21:18

Tgt Ion: 70 Resp: 84520

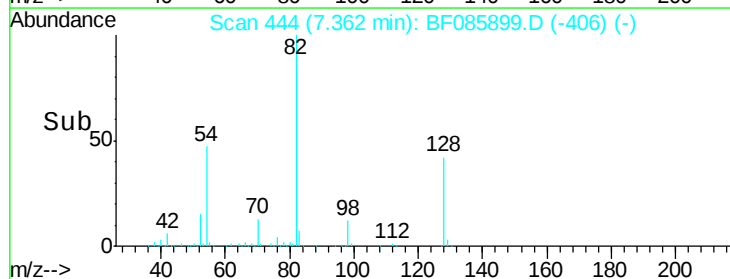
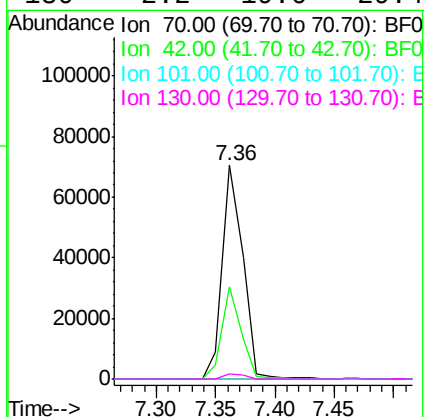
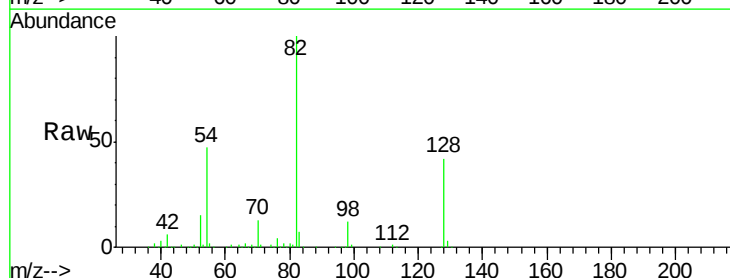
Ion Ratio Lower Upper

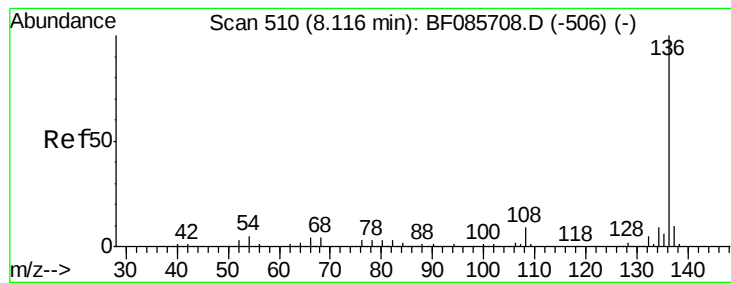
70 100

42 43.4 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 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: BF085899.D

Acq: 30 Mar 2016 21:18

Instrument :

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ClientSampleId :

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Tgt Ion: 136 Resp: 426110

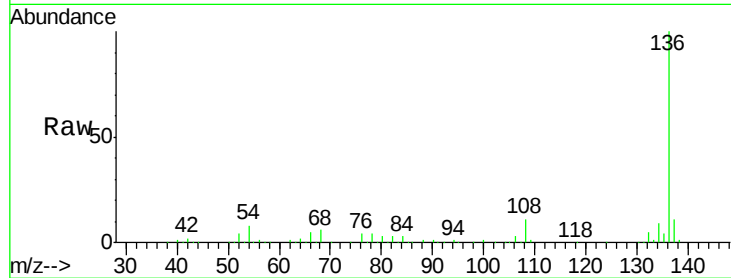
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.6 7.4 11.0

68 6.1 5.8 8.8

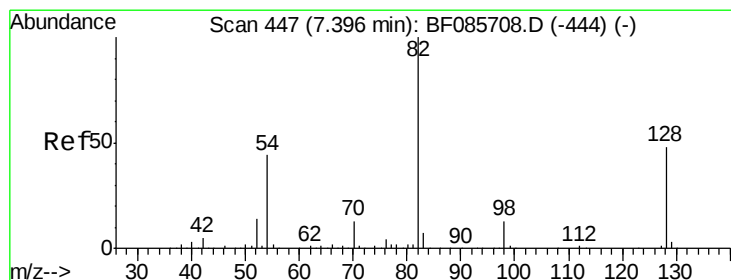
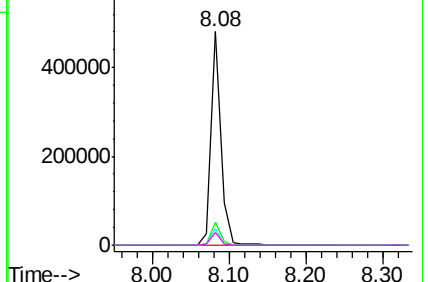
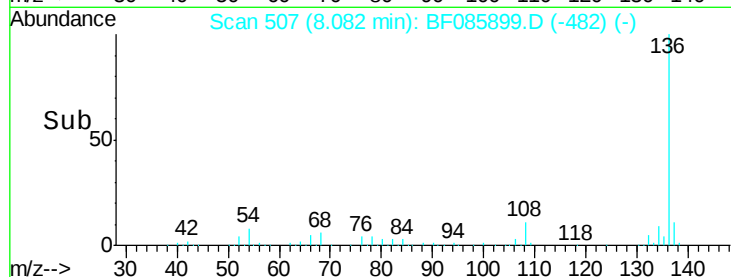


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.90 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085899.D

Acq: 30 Mar 2016 21:18

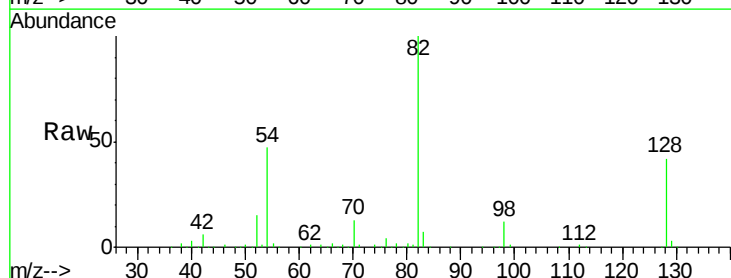
Tgt Ion: 82 Resp: 657586

Ion Ratio Lower Upper

82 100

128 42.4 41.8 62.8

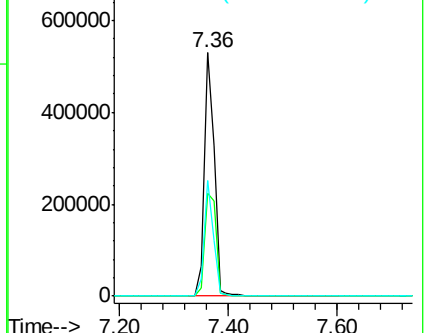
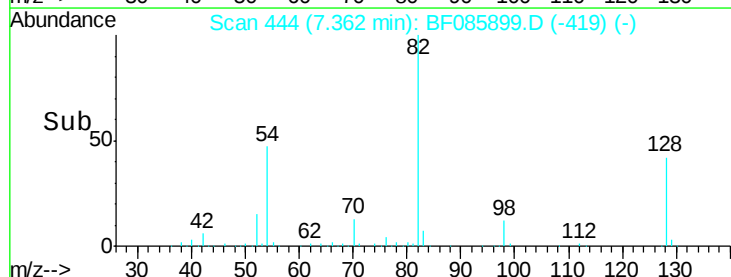
54 47.3 33.4 50.0

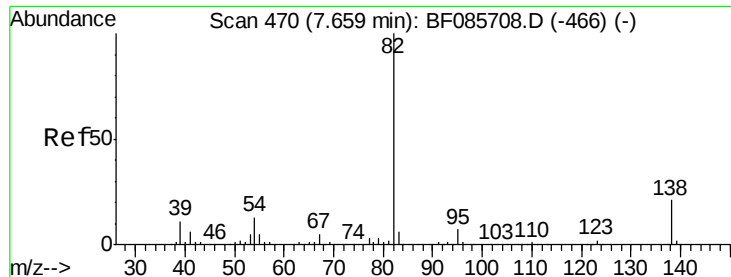


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.05 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085899.D

Acq: 30 Mar 2016 21:18

Instrument :

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ClientSampleId :

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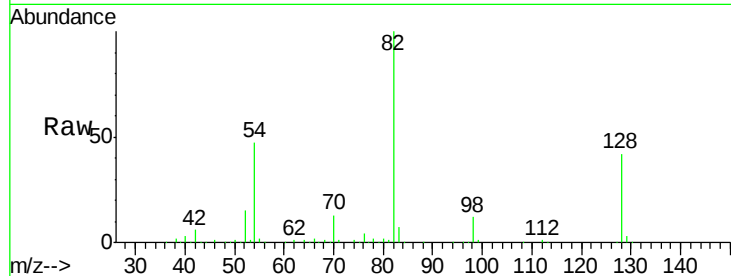
Tgt Ion: 82 Resp: 612992

Ion Ratio Lower Upper

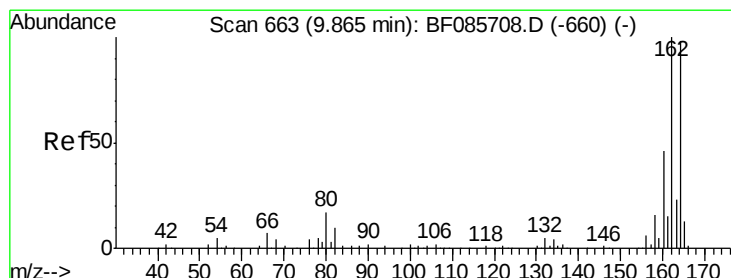
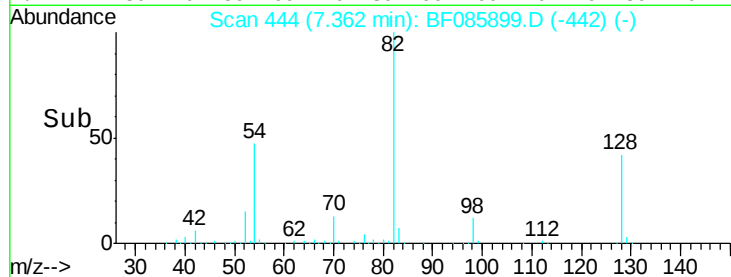
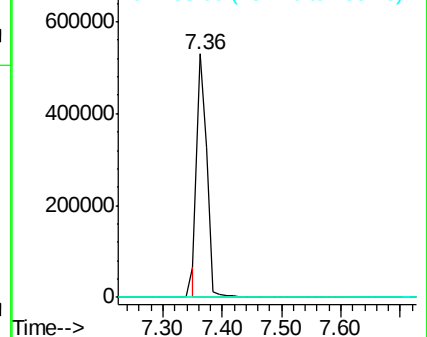
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF085899.D

Acq: 30 Mar 2016 21:18

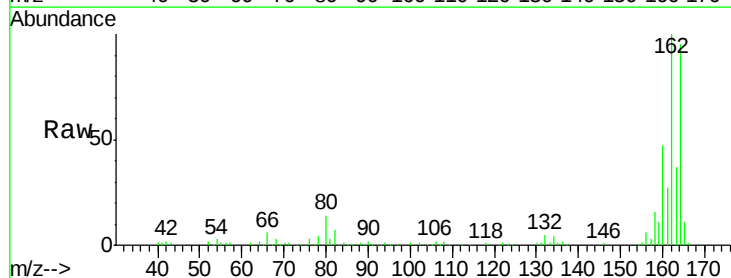
Tgt Ion: 164 Resp: 182603

Ion Ratio Lower Upper

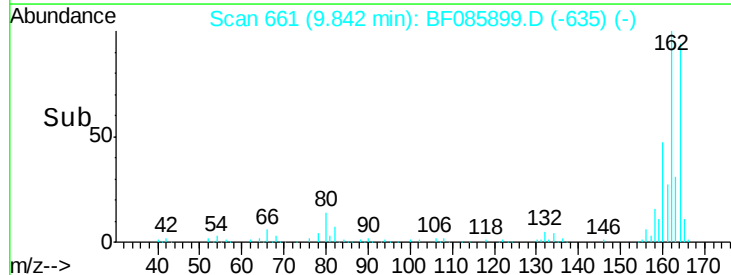
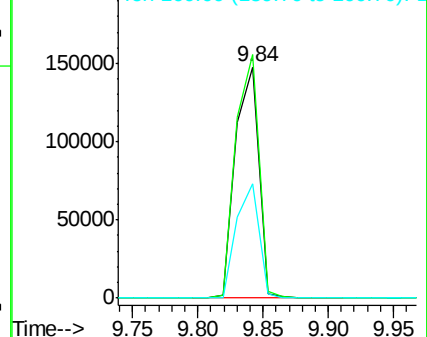
164 100

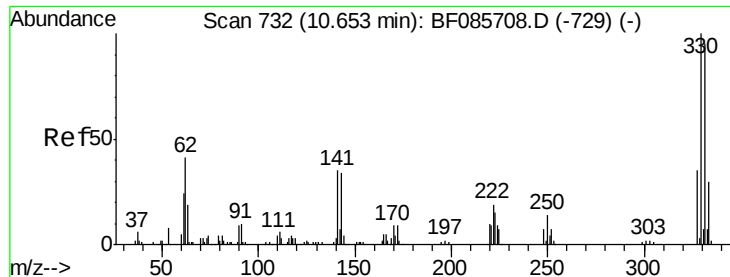
162 105.5 82.1 123.1

160 49.8 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

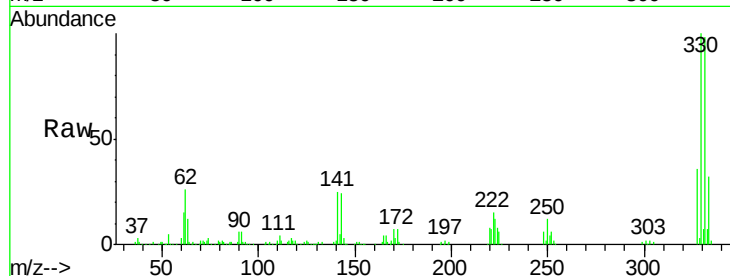




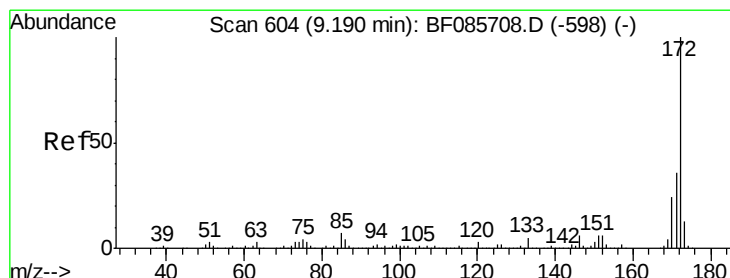
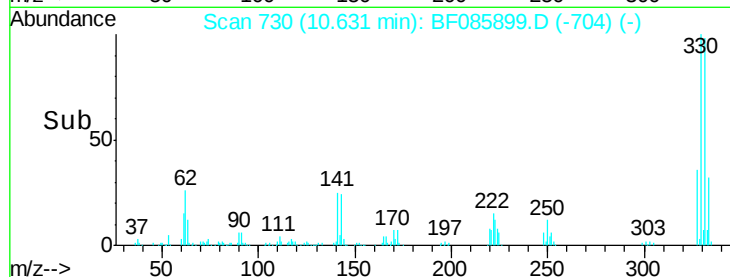
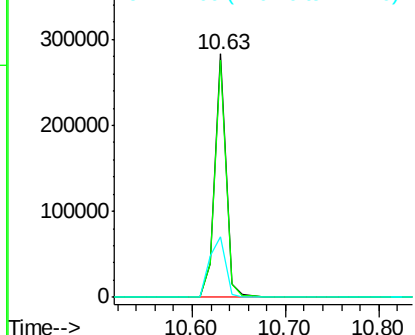
#41
 2,4,6-Tribromophenol
 Concen: 137.30 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085899.D
 Acq: 30 Mar 2016 21:18

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 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 238199
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.2 117.2
 141 35.9 31.5 47.3

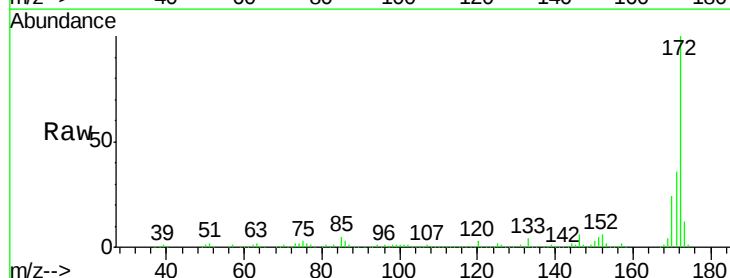


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

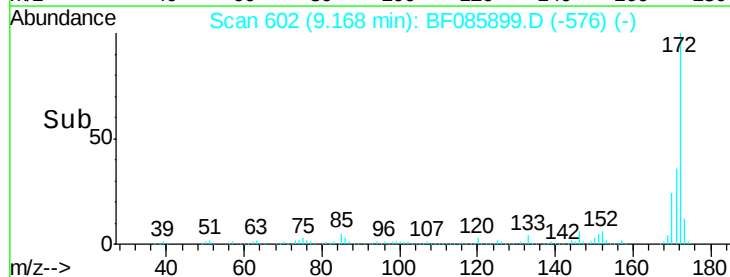
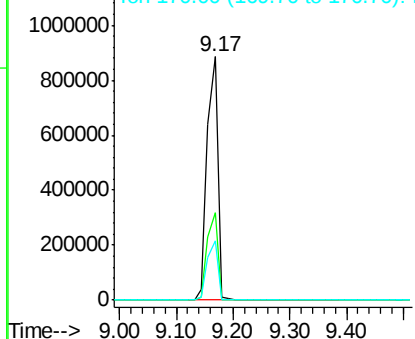


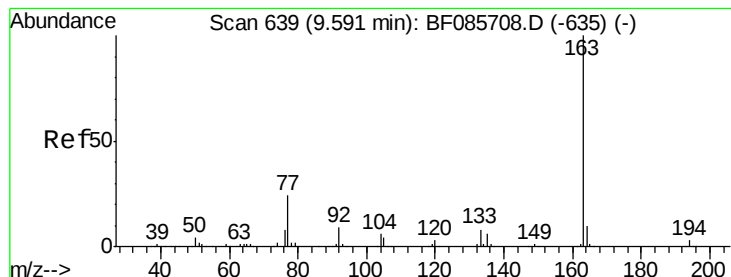
#44
 2-Fluorobiphenyl
 Concen: 100.02 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085899.D
 Acq: 30 Mar 2016 21:18

Tgt Ion:172 Resp: 1093137
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.2
 170 24.4 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: 14.59 ng

RT: 9.56 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF085899.D

Acq: 30 Mar 2016 21:18

Instrument :

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ClientSampleId :

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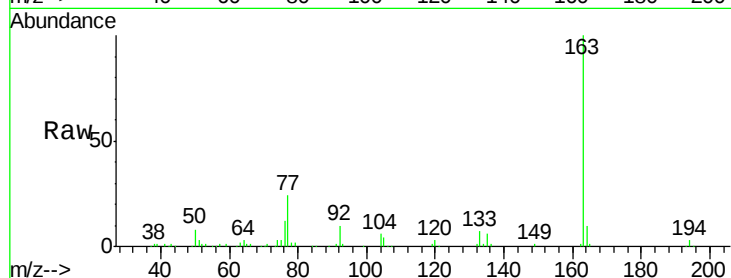
Tgt Ion:163 Resp: 202117

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

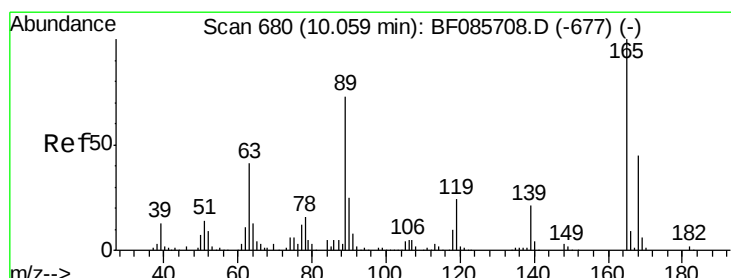
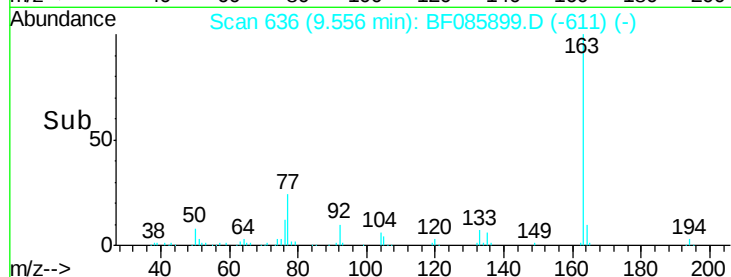
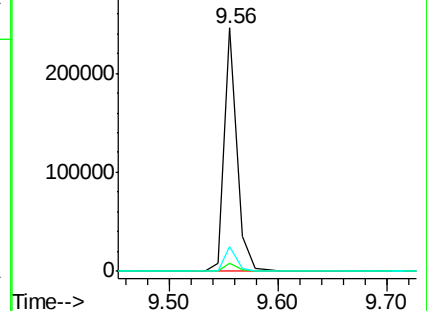
164 10.3 8.3 12.5



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: 6.02 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.19 min

Lab File: BF085899.D

Acq: 30 Mar 2016 21:18

Tgt Ion:165 Resp: 22826

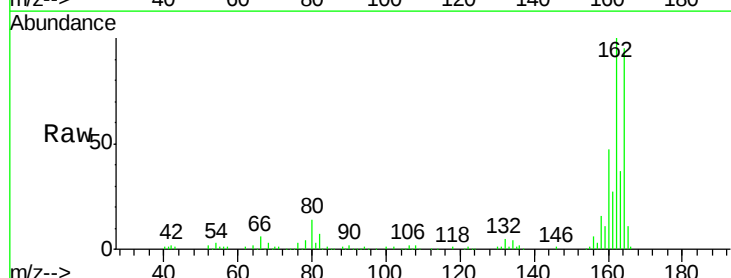
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 2.1 41.0 61.6#

182 0.0 2.1 3.1#

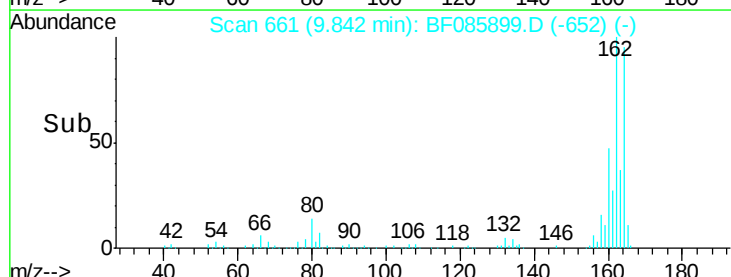
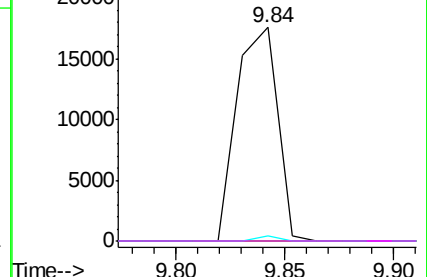


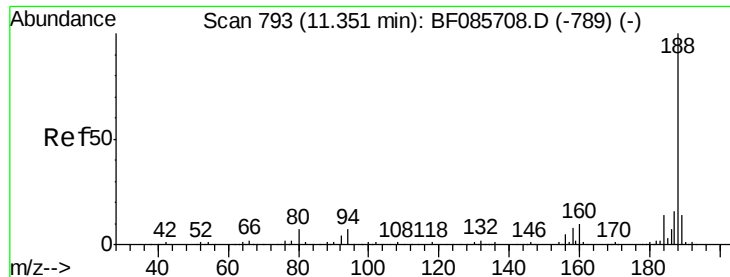
Abundance Ion 165.00 (164.70 to 165.70): E

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

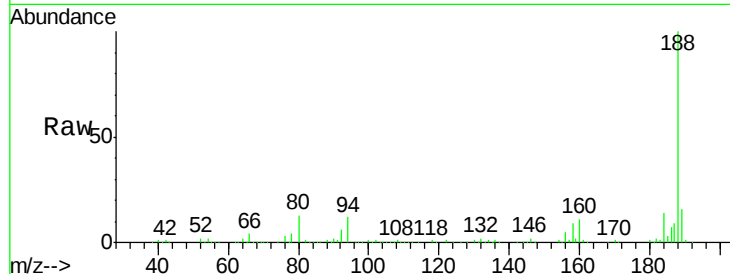




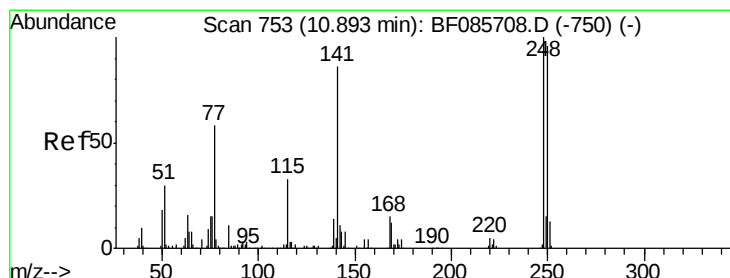
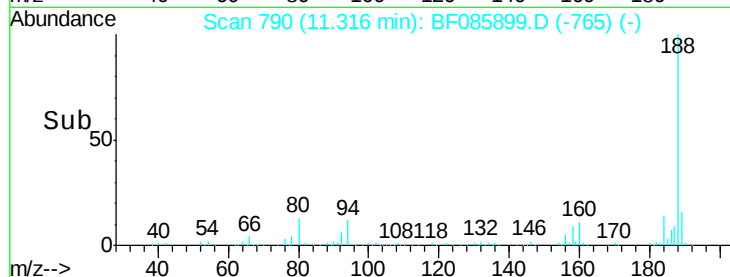
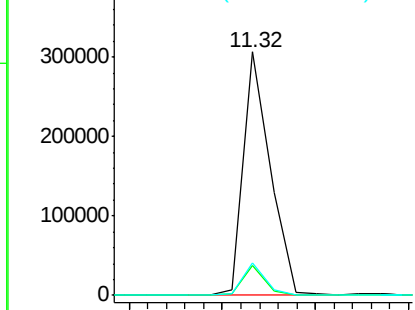
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF085899.D
 Acq: 30 Mar 2016 21:18

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:188 Resp: 308355
 Ion Ratio Lower Upper
 188 100
 94 12.2 5.4 8.0#
 80 13.1 5.5 8.3#

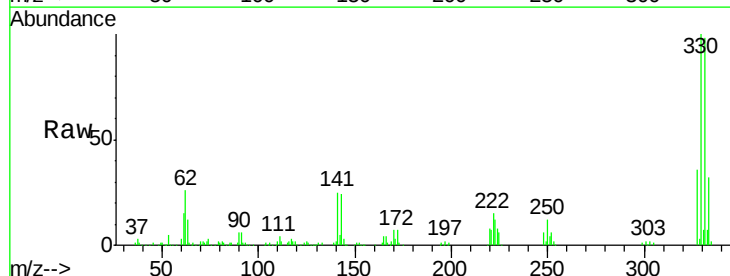


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

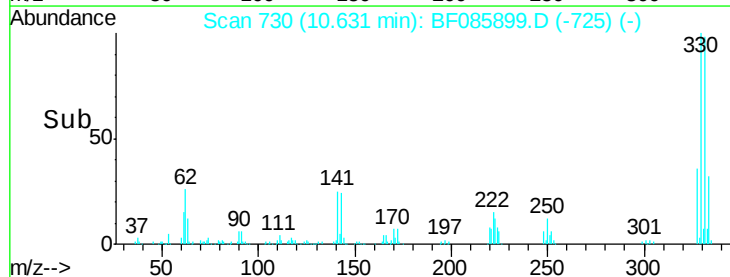
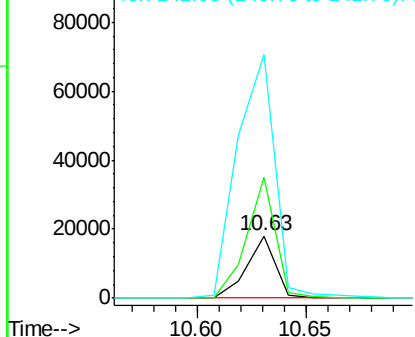


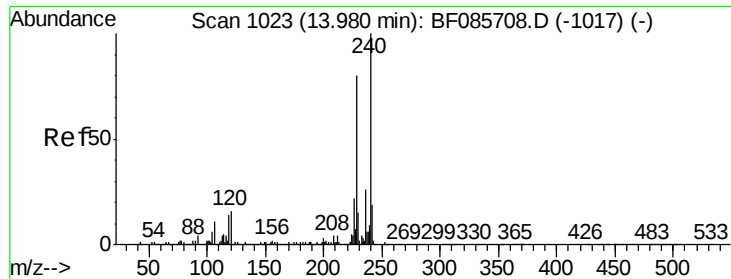
#66
 4-Bromophenyl-phenylether
 Concen: 5.11 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.24 min
 Lab File: BF085899.D
 Acq: 30 Mar 2016 21:18

Tgt Ion:248 Resp: 16112
 Ion Ratio Lower Upper
 248 100
 250 194.4 77.4 116.0#
 141 392.9 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: BF085899.D

Acq: 30 Mar 2016 21:18

Instrument :

BNA_F

ClientSampleId :

B-5

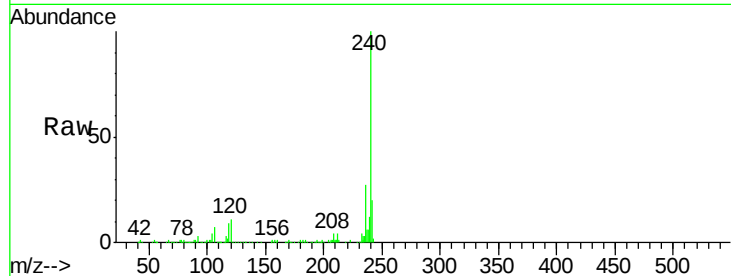
Tgt Ion:240 Resp: 220803

Ion Ratio Lower Upper

240 100

120 11.3 13.8 20.8#

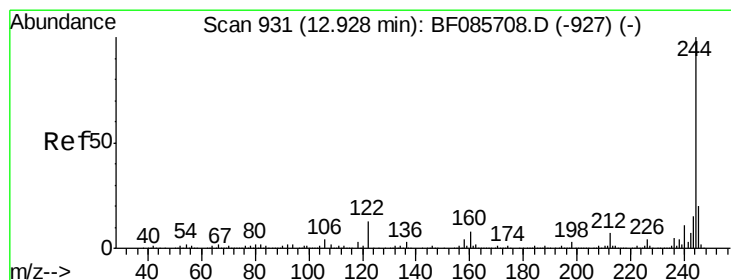
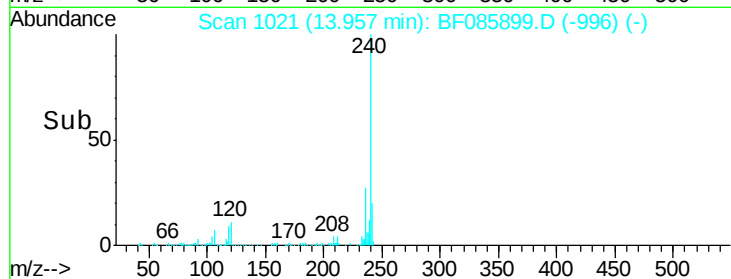
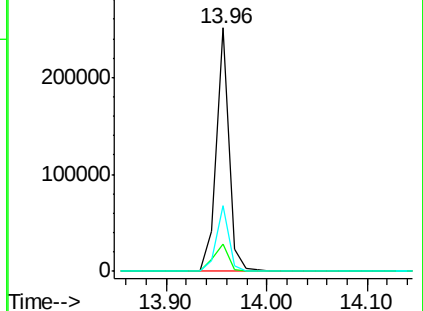
236 26.8 20.6 30.8



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: 63.43 ng

RT: 12.91 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF085899.D

Acq: 30 Mar 2016 21:18

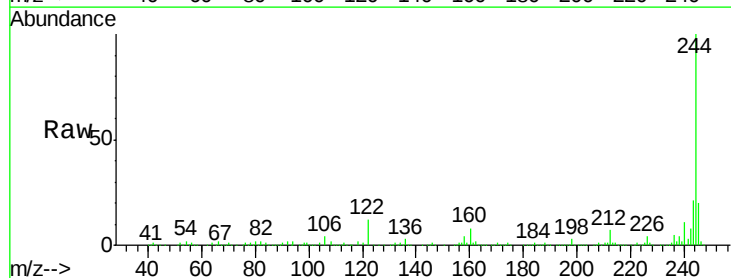
Tgt Ion:244 Resp: 681017

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

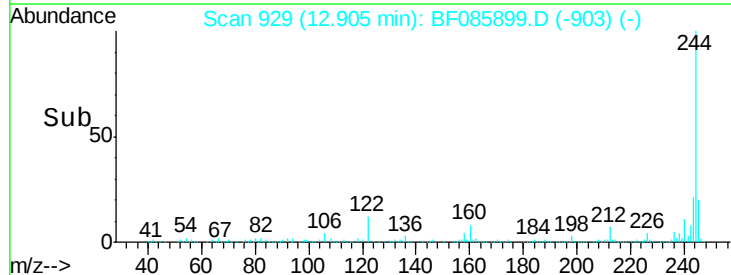
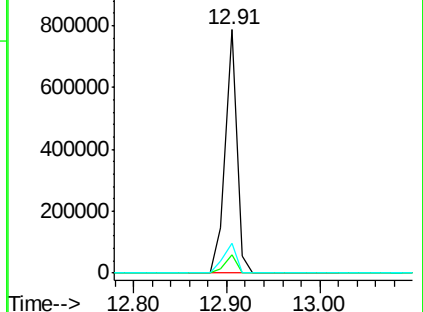
122 12.1 10.2 15.4

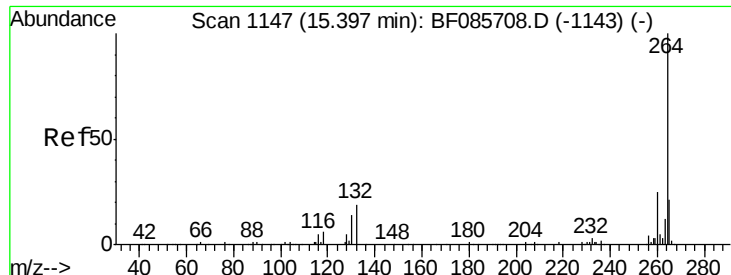


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

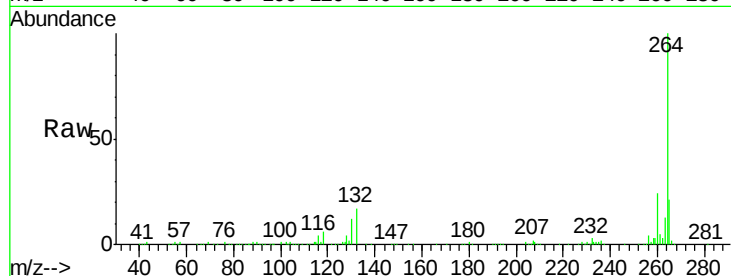




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF085899.D
Acq: 30 Mar 2016 21:18

Instrument :
BNA_F
ClientSampleId :
B-5

Tgt Ion: 264 Resp: 220540
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 21.0 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

