

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
 Data File : BF087395.D
 Acq On : 26 May 2016 4:45
 Operator : UM/SJ
 Sample : H3220-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMP

Quant Time: May 26 08:35:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

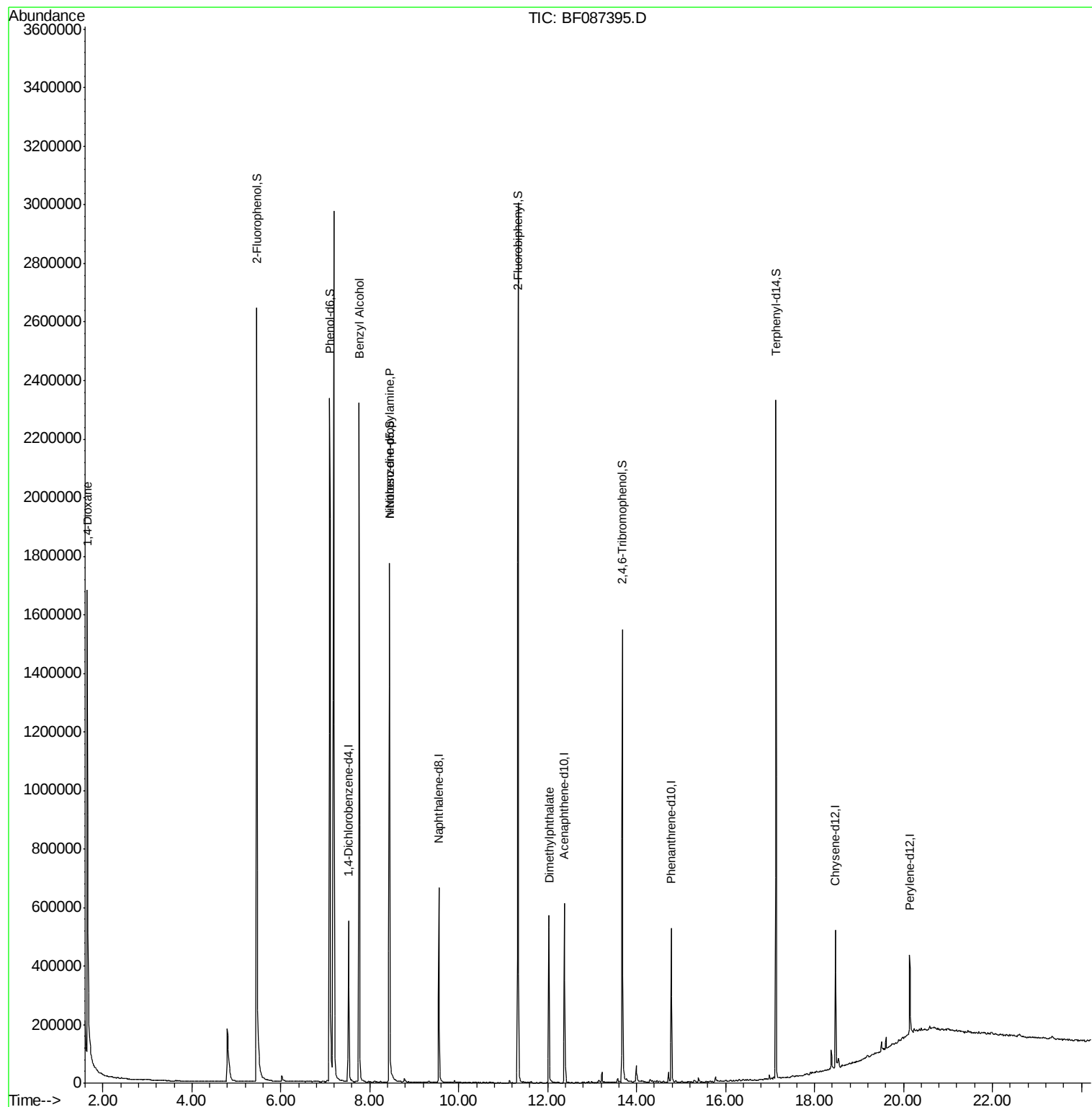
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	100172	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	388436	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	161037	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	260067	20.00	ng	0.00
75) Chrysene-d12	18.47	240	214877	20.00	ng	-0.01
86) Perylene-d12	20.14	264	149850	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	941060	165.08	ng	0.05
7) Phenol-d6	7.10	99	1271055	165.01	ng	0.02
23) Nitrobenzene-d5	8.44	82	850277	110.32	ng	0.00
41) 2,4,6-Tribromophenol	13.68	330	206418	133.39	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1220385	106.84	ng	0.00
78) Terphenyl-d14	17.13	244	862746	85.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.64	88	54853	18.24	ng	# 22
15) Benzyl Alcohol	7.76	79	15412	2.74	ng	# 46
19) n-Nitroso-di-n-propylamine	8.44	70	119325	20.77	ng	# 76
49) Dimethylphthalate	12.03	163	363910	28.21	ng	99

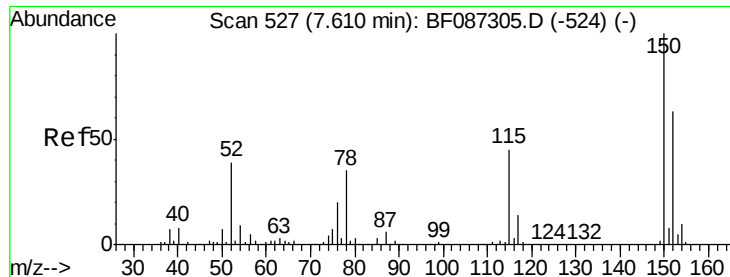
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

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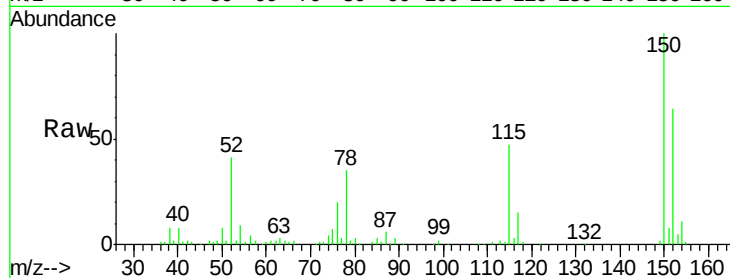
Tgt Ion:152 Resp: 100172

Ion Ratio Lower Upper

152 100

150 157.0 125.8 188.6

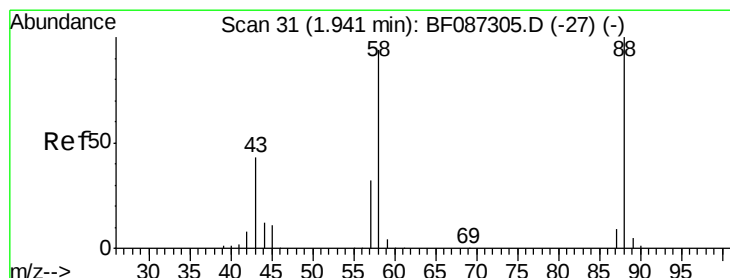
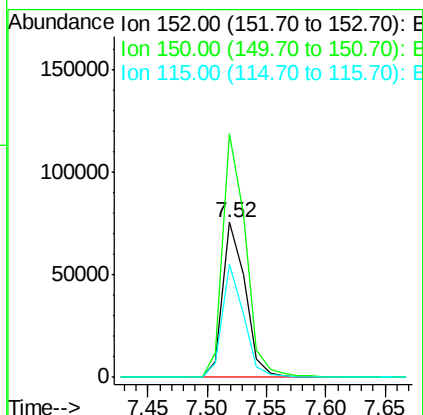
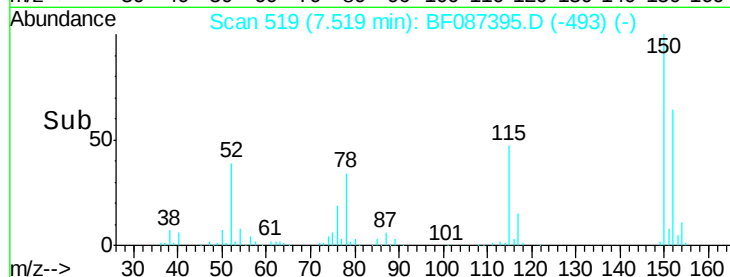
115 73.3 51.5 77.3



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



#2

1,4-Dioxane

Concen: 18.24 ng

RT: 1.64 min Scan# 5

Delta R.T. -0.17 min

Lab File: BF087395.D

Acq: 26 May 2016 4:45

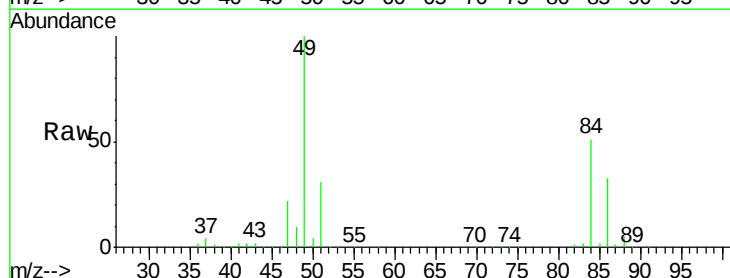
Tgt Ion: 88 Resp: 54853

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

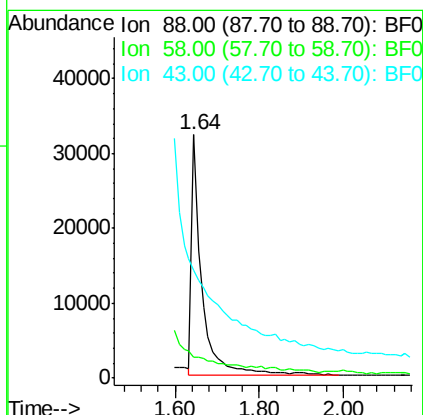
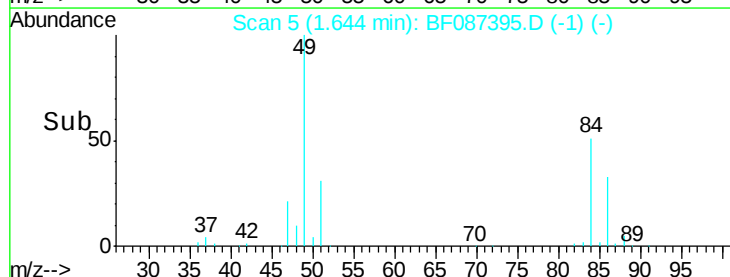
43 0.0 21.8 32.6#

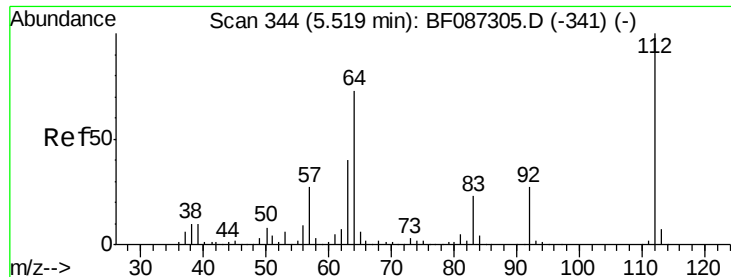


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 165.08 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.05 min

Lab File: BF087395.D

Acq: 26 May 2016 4:45

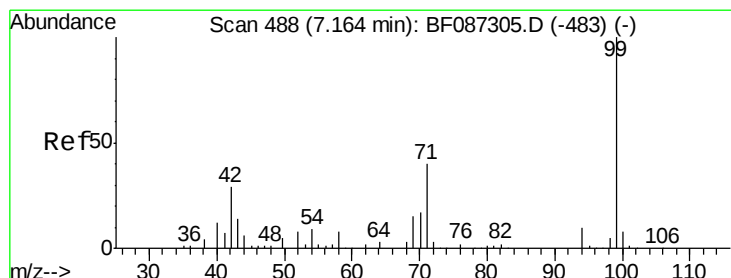
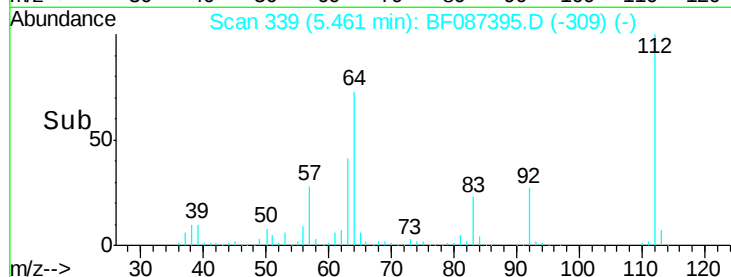
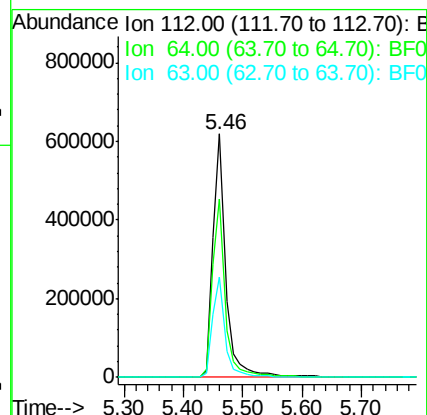
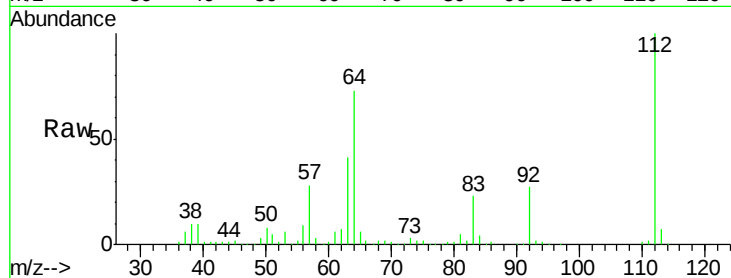
Instrument :

BNA_F

ClientSampleId :

SB-33-COMP

Tgt Ion:	112	Resp:	941060
Ion Ratio		Lower	Upper
112	100		
64	73.4	52.1	78.1
63	41.1	25.7	38.5#



#7

Phenol-d6

Concen: 165.01 ng

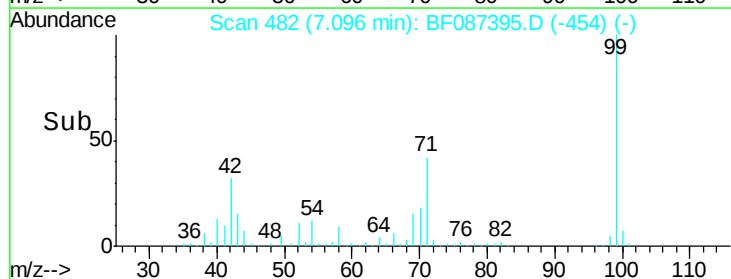
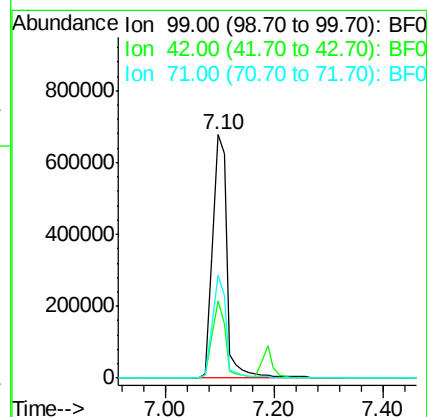
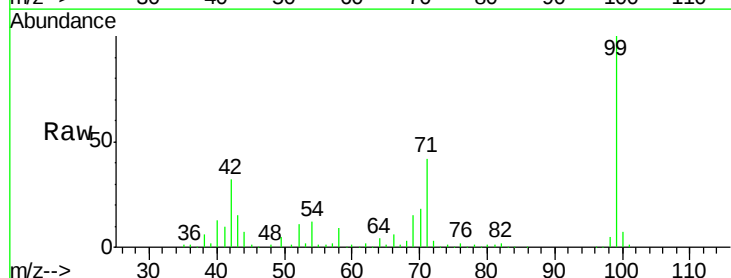
RT: 7.10 min Scan# 482

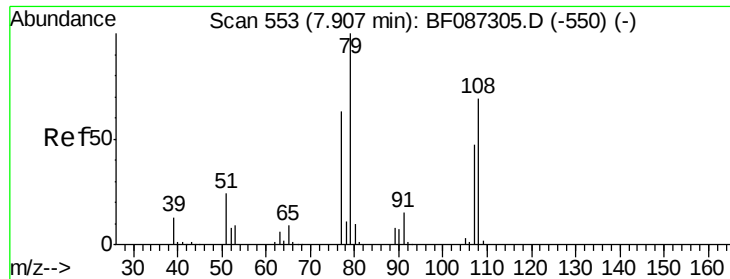
Delta R.T. 0.02 min

Lab File: BF087395.D

Acq: 26 May 2016 4:45

Tgt Ion:	99	Resp:	1271055
Ion Ratio		Lower	Upper
99	100		
42	31.7	13.6	20.4#
71	42.0	24.6	36.8#





#15

Benzyl Alcohol

Concen: 2.74 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.06 min

Lab File: BF087395.D

Acq: 26 May 2016 4:45

Instrument :

BNA_F

ClientSampleId :

SB-33-COMP

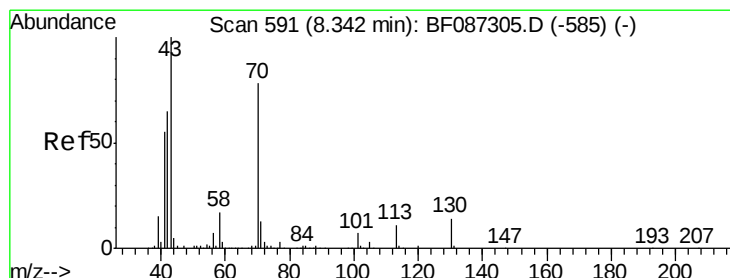
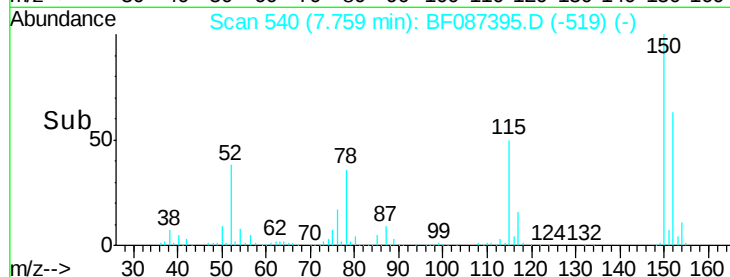
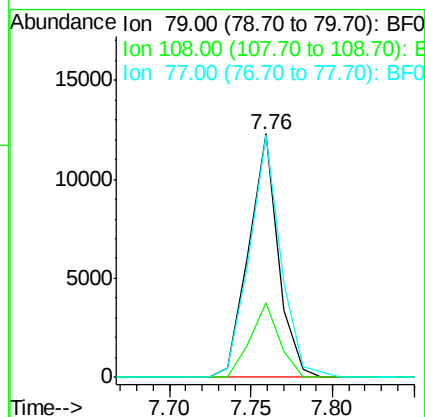
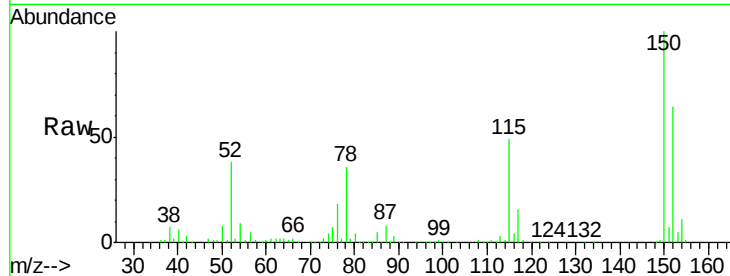
Tgt Ion: 79 Resp: 15412

Ion Ratio Lower Upper

79 100

108 30.4 68.4 102.6#

77 99.5 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 20.77 ng

RT: 8.44 min Scan# 600

Delta R.T. 0.19 min

Lab File: BF087395.D

Acq: 26 May 2016 4:45

Tgt Ion: 70 Resp: 119325

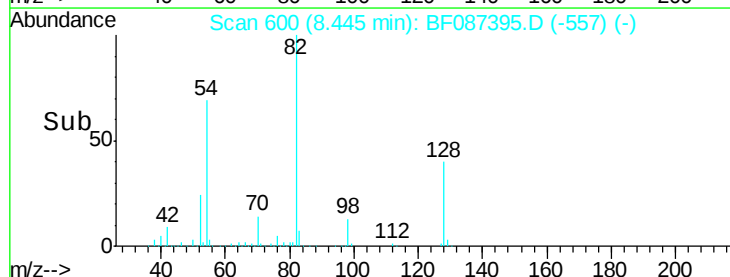
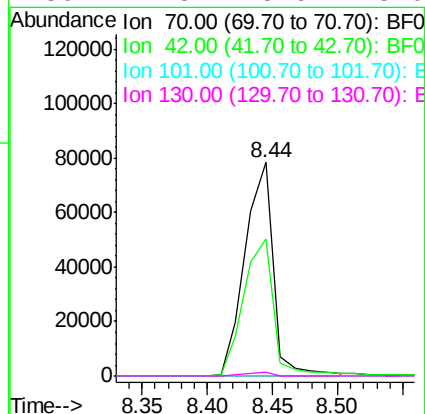
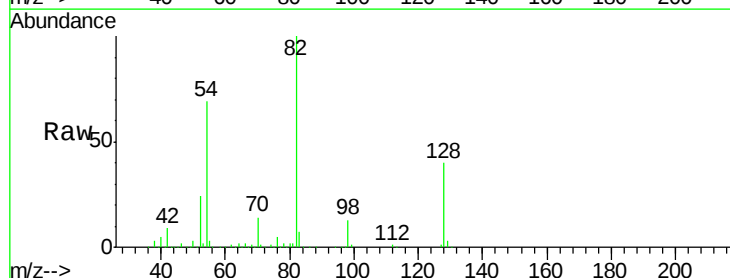
Ion Ratio Lower Upper

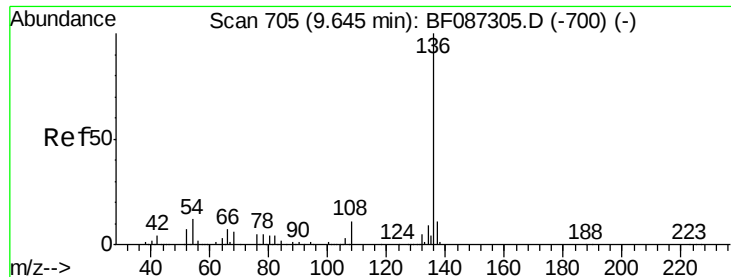
70 100

42 64.0 43.1 64.7

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087395.D

Acq: 26 May 2016 4:45

Instrument :

BNA_F

ClientSampleId :

SB-33-COMP

Tgt Ion:136 Resp: 388436

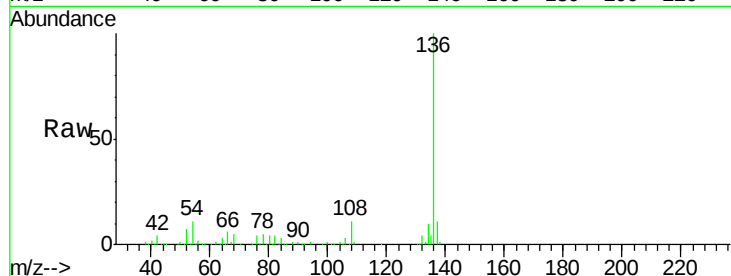
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.9 5.0 7.4#

68 5.4 4.4 6.6

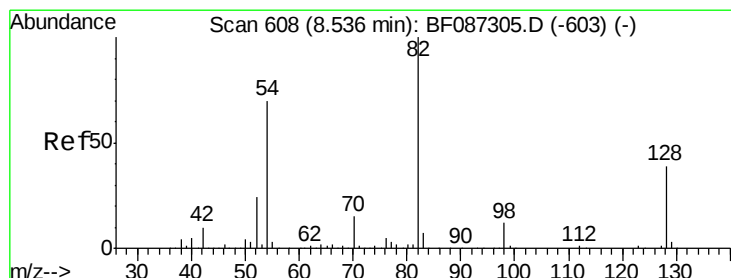
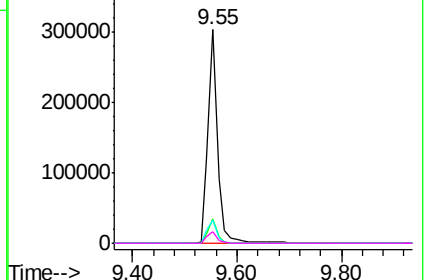
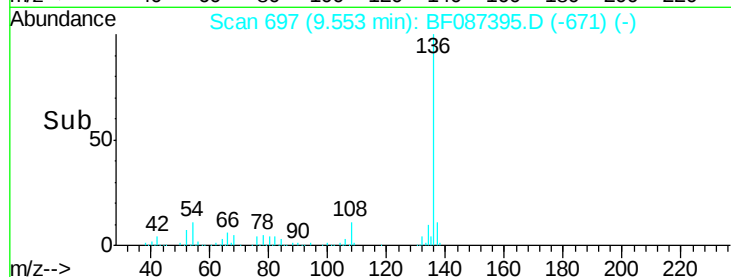


Abundance Ion 136.00 (135.70 to 136.70): E

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: 110.32 ng

RT: 8.44 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF087395.D

Acq: 26 May 2016 4:45

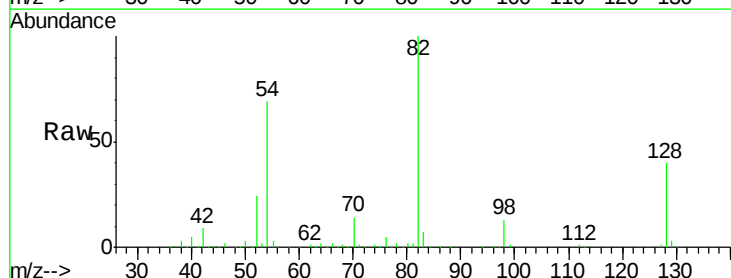
Tgt Ion: 82 Resp: 850277

Ion Ratio Lower Upper

82 100

128 40.4 40.6 61.0#

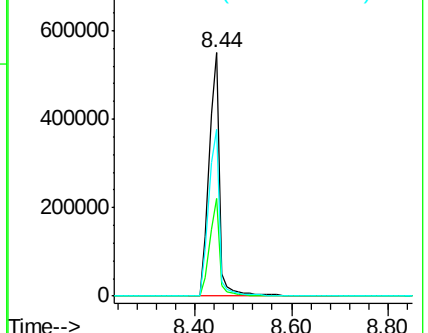
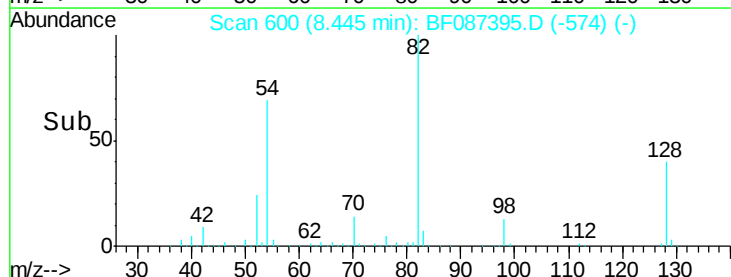
54 68.7 38.1 57.1#

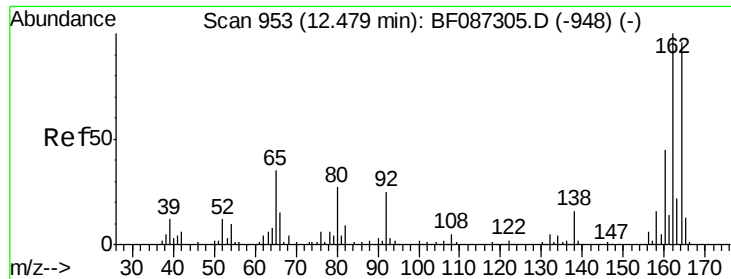


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

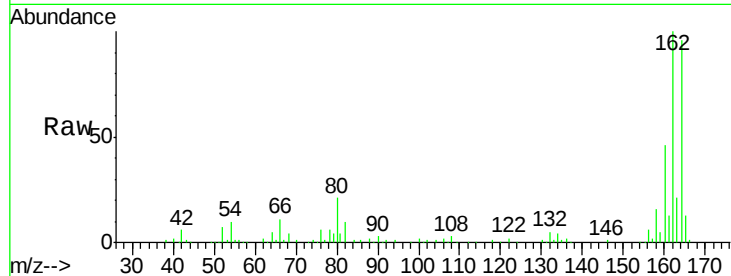




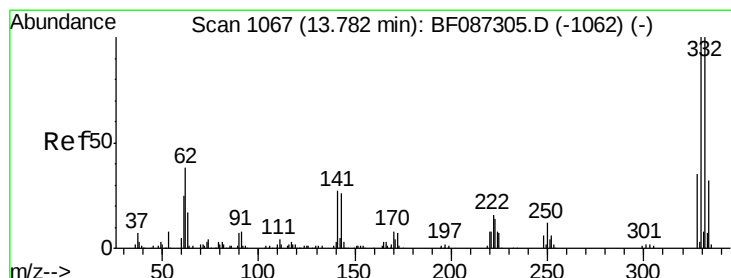
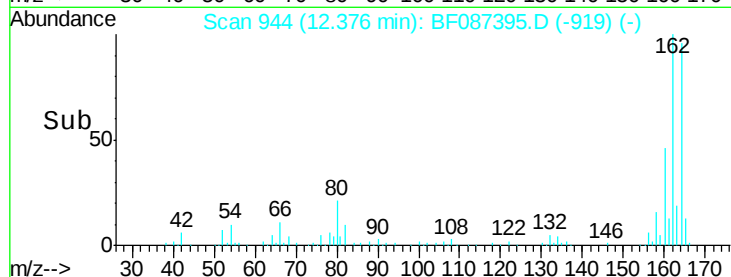
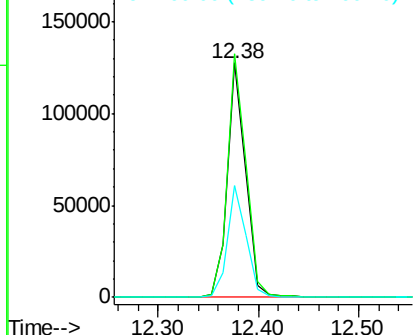
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF087395.D
 Acq: 26 May 2016 4:45

Instrument :
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 ClientSampleId :
 SB-33-COMP

Tgt Ion:164 Resp: 161037
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.8 124.2
 160 47.5 36.9 55.3

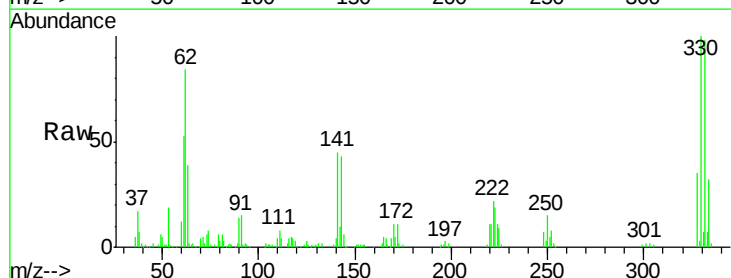


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: 133.39 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF087395.D
 Acq: 26 May 2016 4:45

Tgt Ion:330 Resp: 206418
 Ion Ratio Lower Upper
 330 100
 332 98.2 79.0 118.4
 141 46.2 31.2 46.8



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

