

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089508.D
 Acq On : 1 Aug 2016 13:37
 Operator : UM/SJ
 Sample : H4218-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-S2-7-9

Quant Time: Aug 02 01:45:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

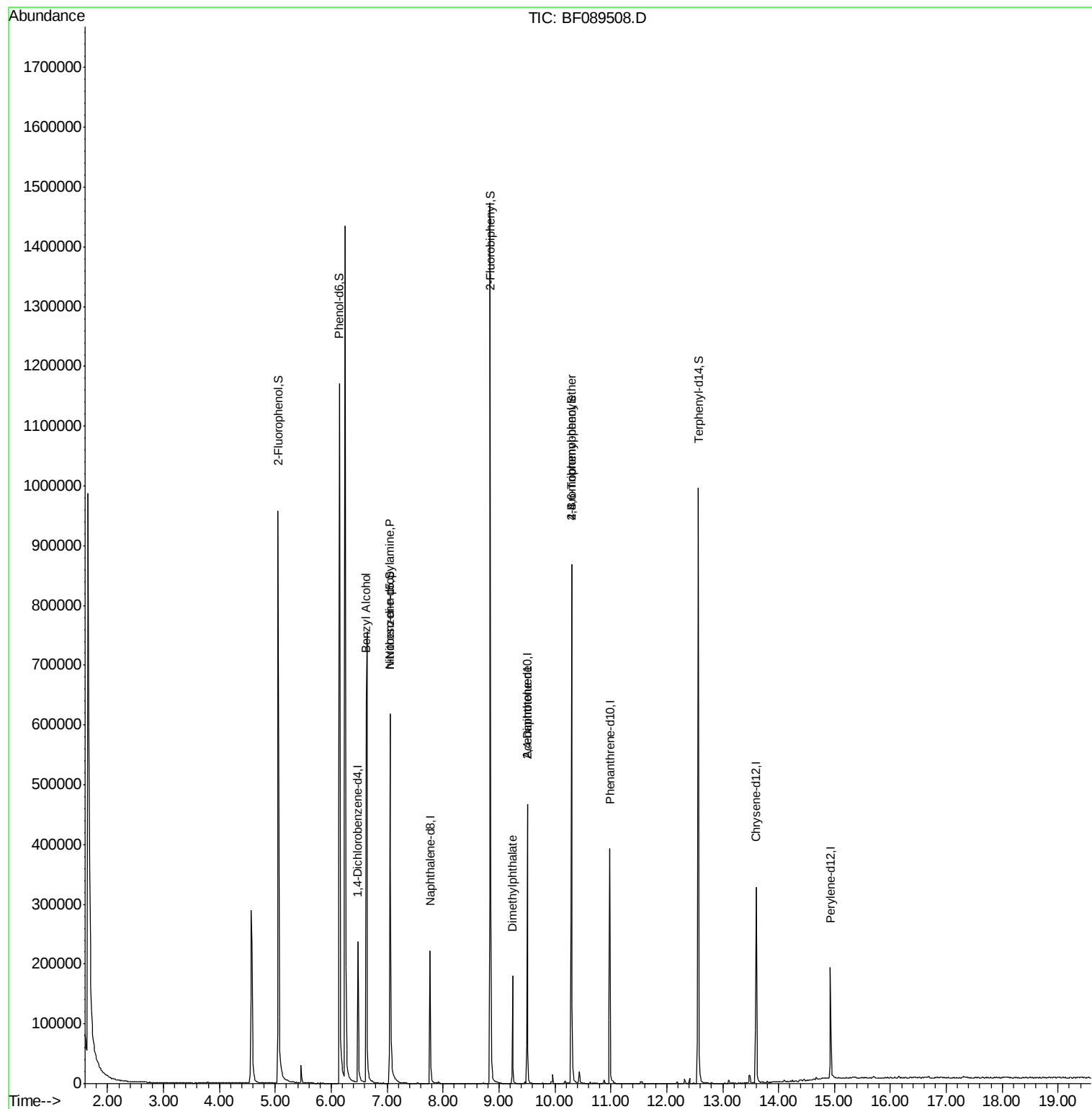
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	43890	20.00	ng	-0.07
21) Naphthalene-d8	7.77	136	176444	20.00	ng	-0.06
38) Acenaphthene-d10	9.51	164	88988	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	167951	20.00	ng	-0.07
75) Chrysene-d12	13.60	240	118988	20.00	ng	-0.07
86) Perylene-d12	14.93	264	77832	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	383140	139.39	ng	-0.06
7) Phenol-d6	6.15	99	518678	142.78	ng	-0.06
23) Nitrobenzene-d5	7.05	82	311104	104.07	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	91834	124.60	ng	-0.07
44) 2-Fluorobiphenyl	8.84	172	504884	83.26	ng	-0.07
78) Terphenyl-d14	12.57	244	467890	92.03	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	6.63	79	4726	2.10	ng	# 48
19) n-Nitroso-di-n-propylamine	7.05	70	39491	18.03	ng	# 83
49) Dimethylphthalate	9.24	163	72231	10.67	ng	# 99
56) 2,4-Dinitrotoluene	9.51	165	11056	6.04	ng	# 7
66) 4-Bromophenyl-phenylether	10.30	248	7415	4.62	ng	# 1

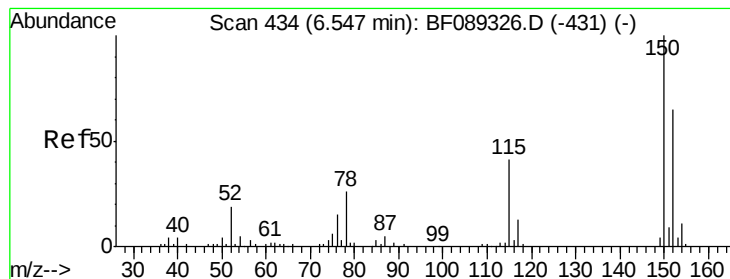
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.07 min

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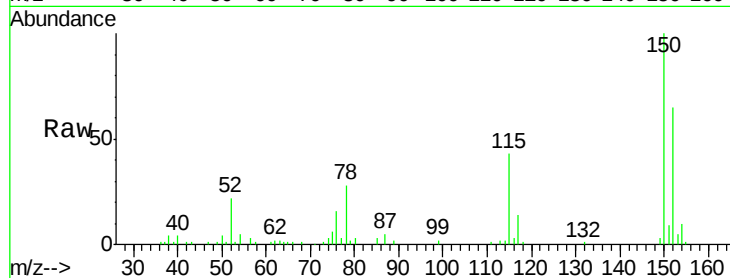
Tgt Ion:152 Resp: 43890

Ion Ratio Lower Upper

152 100

150 154.3 129.5 194.3

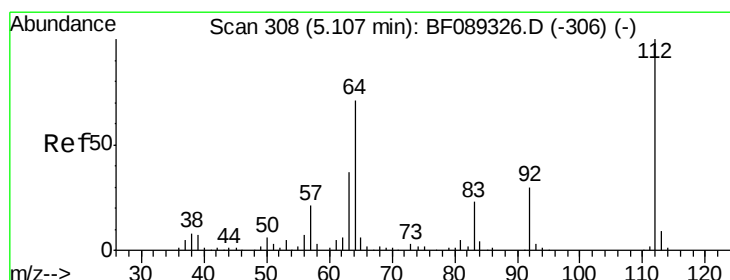
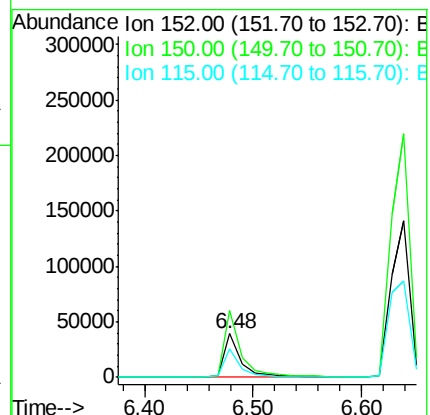
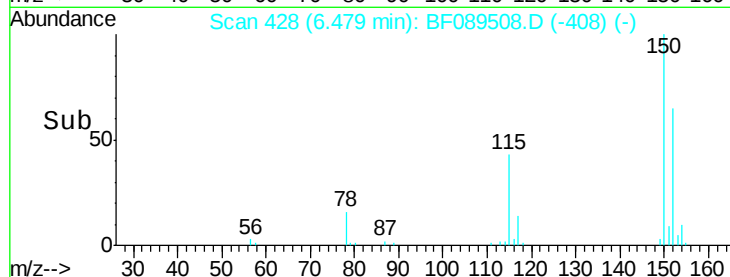
115 66.8 51.4 77.2



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: 139.39 ng

RT: 5.05 min Scan# 303

Delta R.T. -0.06 min

Lab File: BF089508.D

Acq: 1 Aug 2016 13:37

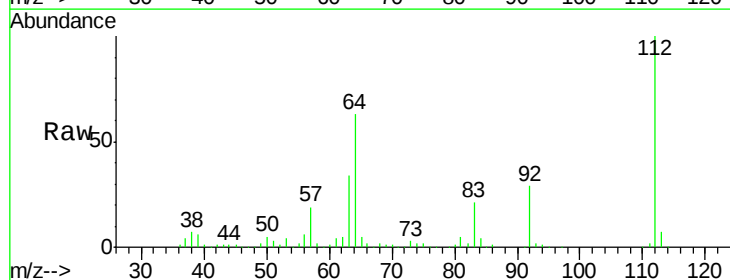
Tgt Ion:112 Resp: 383140

Ion Ratio Lower Upper

112 100

64 63.4 55.0 82.6

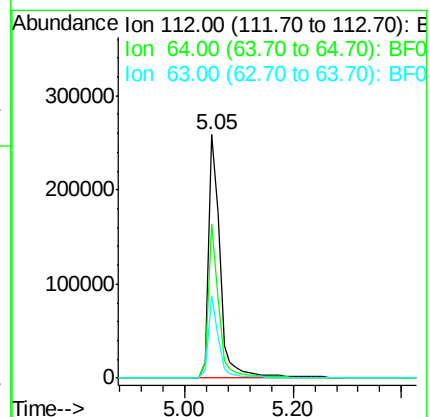
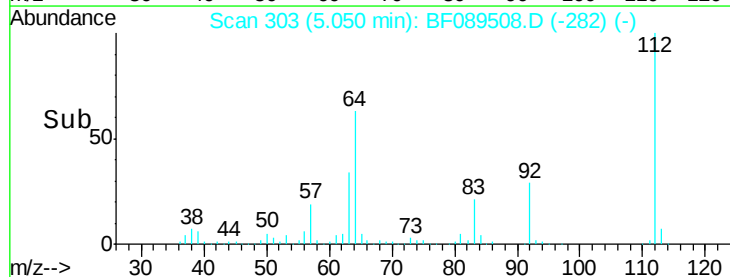
63 33.9 29.4 44.2

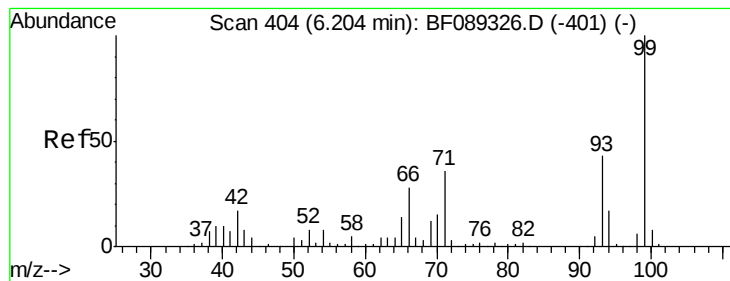


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.78 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.06 min

Lab File: BF089508.D

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Instrument :

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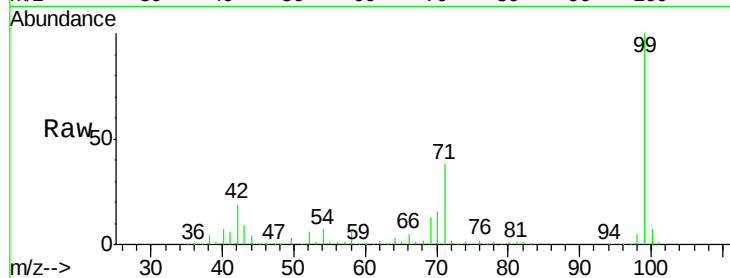
Tgt Ion: 99 Resp: 518678

Ion Ratio Lower Upper

99 100

42 18.6 13.6 20.4

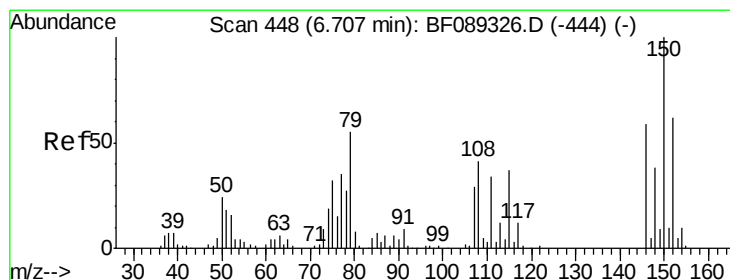
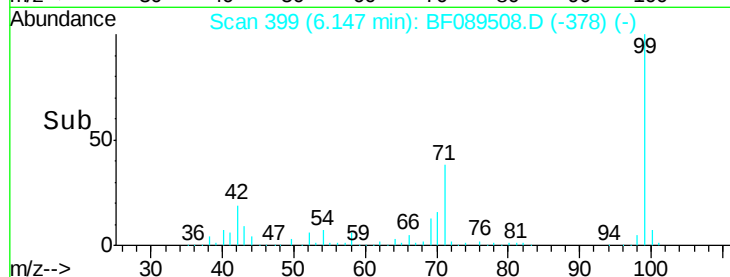
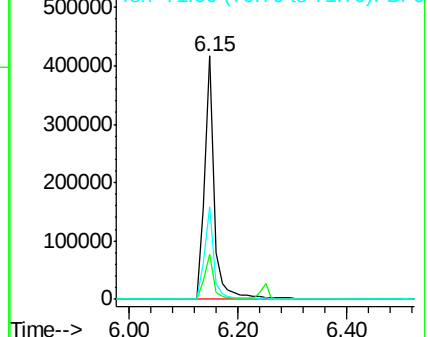
71 38.0 29.4 44.2



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



#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.08 min

Lab File: BF089508.D

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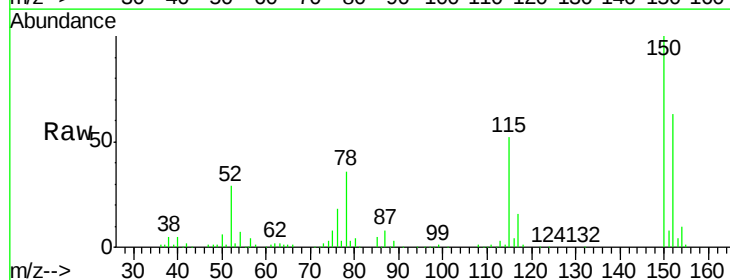
Tgt Ion: 79 Resp: 4726

Ion Ratio Lower Upper

79 100

108 23.4 59.8 89.6#

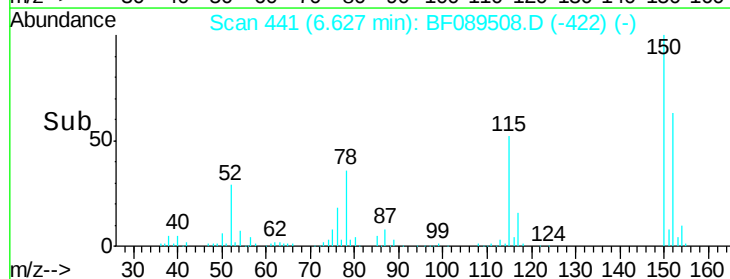
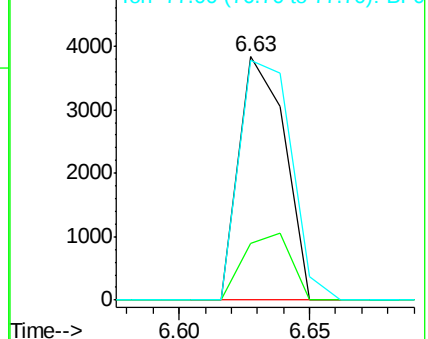
77 98.4 51.7 77.5#

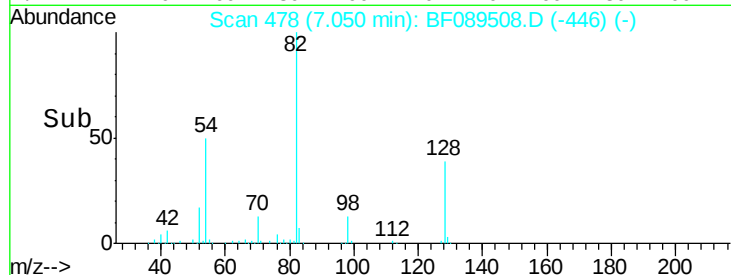
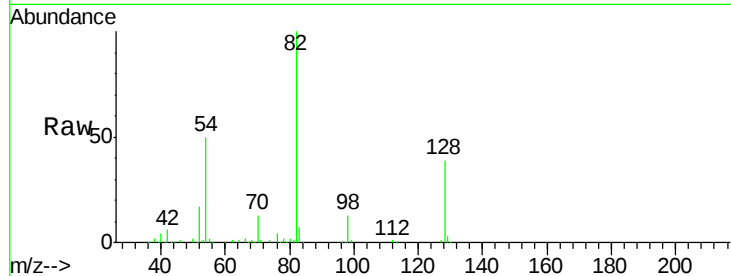
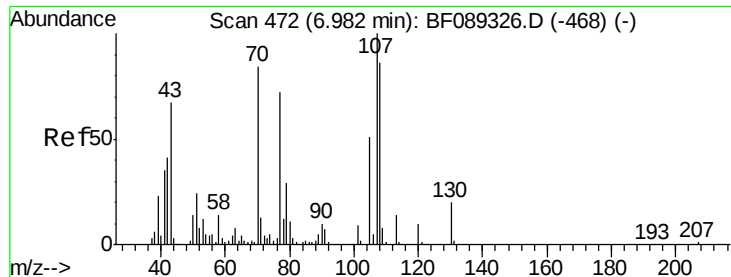


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

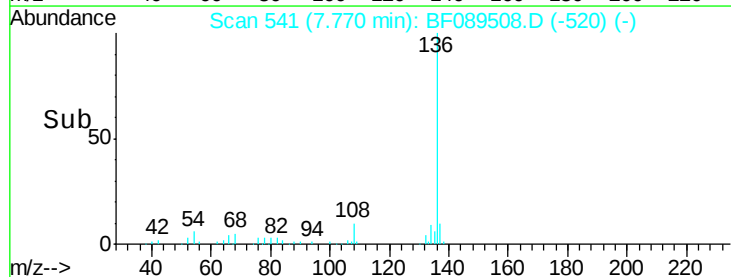
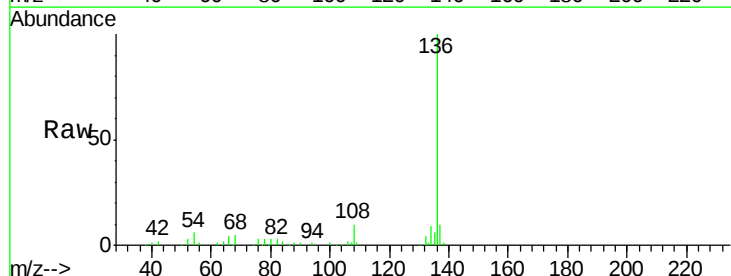
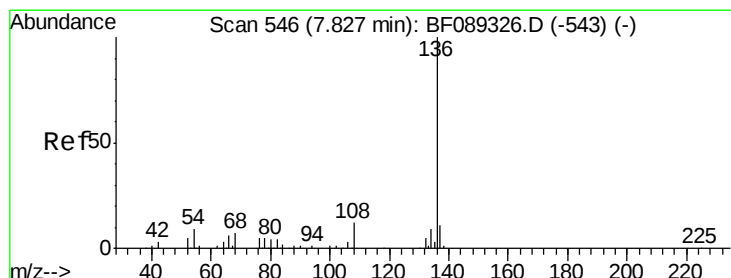
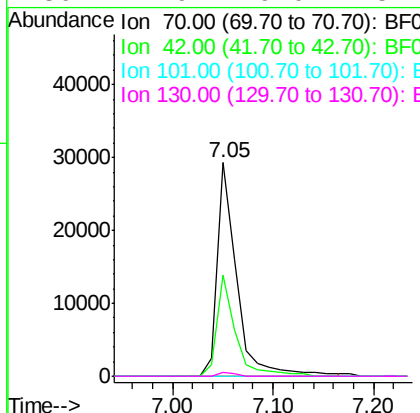




#19
n-Nitroso-di-n-propylamine
Concen: 18.03 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.07 min
Lab File: BF089508.D
Acq: 1 Aug 2016 13:37

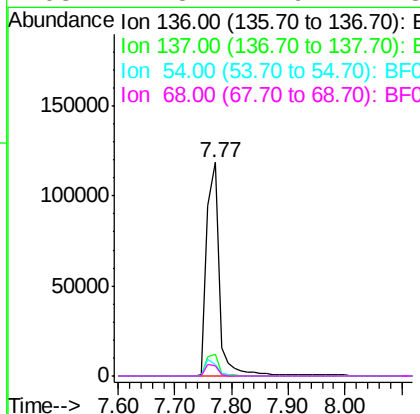
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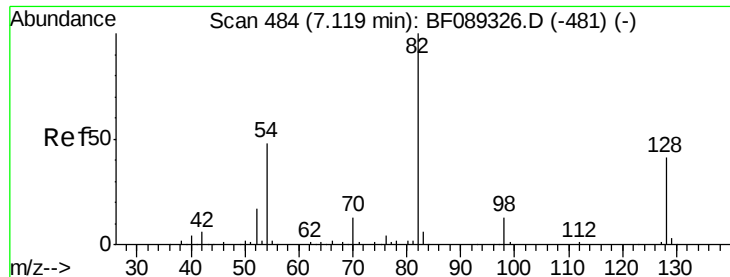
Tgt Ion: 70 Resp: 39491
Ion Ratio Lower Upper
70 100
42 47.5 38.6 57.8
101 0.0 8.3 12.5#
130 1.9 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.06 min
Lab File: BF089508.D
Acq: 1 Aug 2016 13:37

Tgt Ion: 136 Resp: 176444
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 5.6 7.0 10.4#
68 4.8 4.9 7.3#

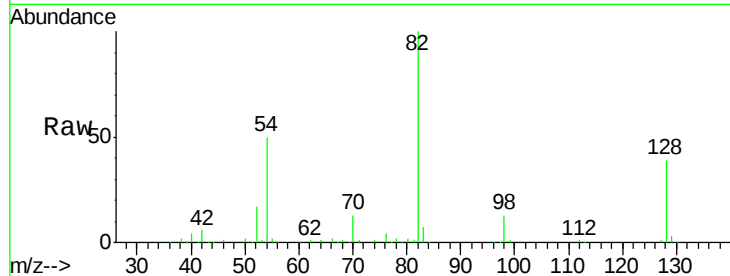




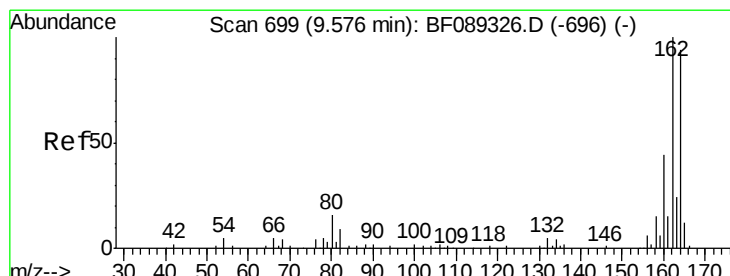
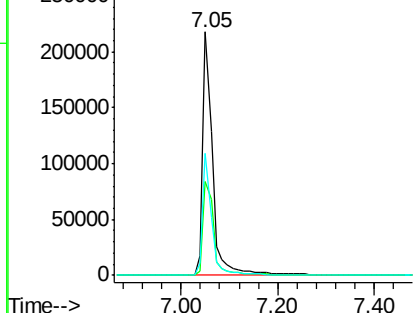
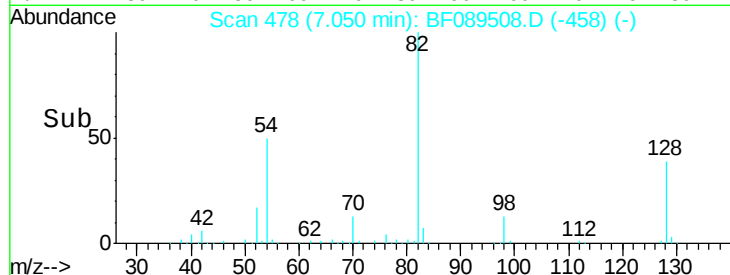
#23
 Nitrobenzene-d5
 Concen: 104.07 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.07 min
 Lab File: BF089508.D
 Acq: 1 Aug 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-S2-7-9

Tgt Ion: 82 Resp: 311104
 Ion Ratio Lower Upper
 82 100
 128 38.6 32.5 48.7
 54 50.2 38.8 58.2

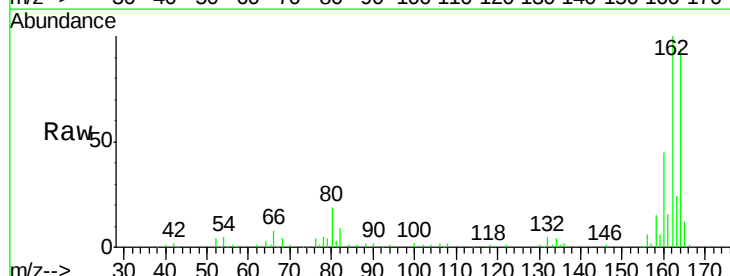


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

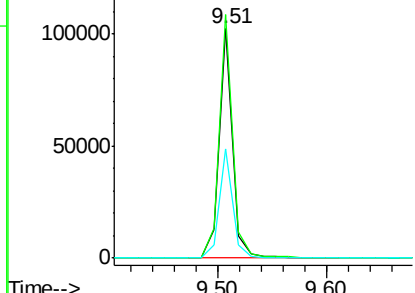
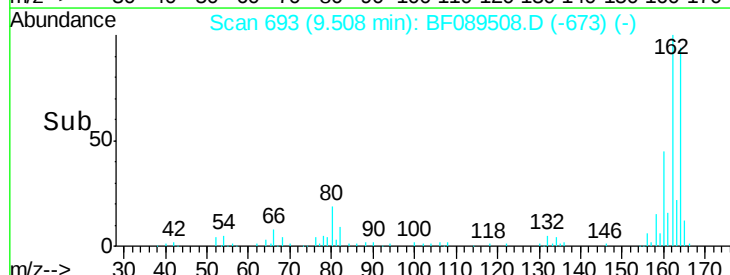


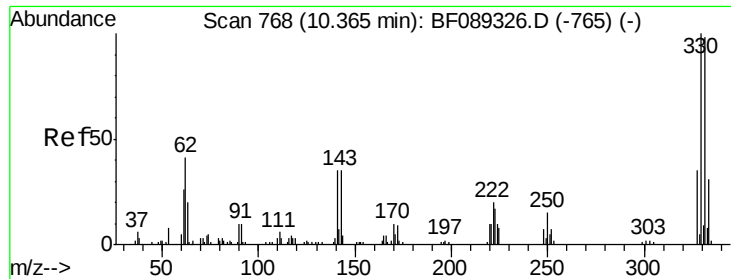
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.07 min
 Lab File: BF089508.D
 Acq: 1 Aug 2016 13:37

Tgt Ion: 164 Resp: 88988
 Ion Ratio Lower Upper
 164 100
 162 106.2 83.7 125.5
 160 47.9 37.8 56.6



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

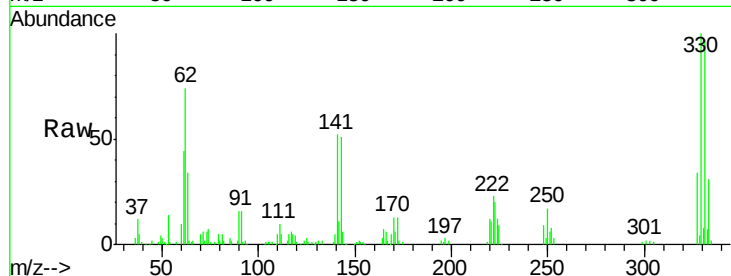




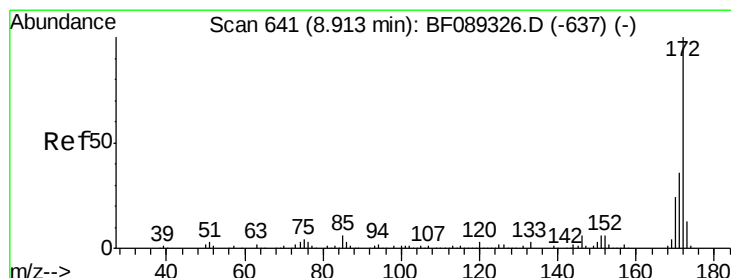
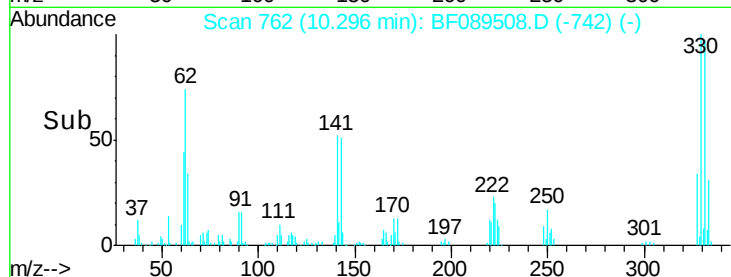
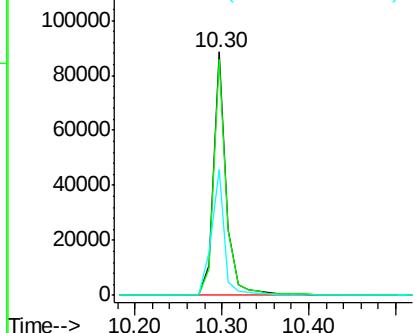
#41
 2,4,6-Tribromophenol
 Concen: 124.60 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.07 min
 Lab File: BF089508.D
 Acq: 1 Aug 2016 13:37

Instrument :
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Tgt Ion:330 Resp: 91834
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.8 115.2
 141 51.9 37.3 55.9

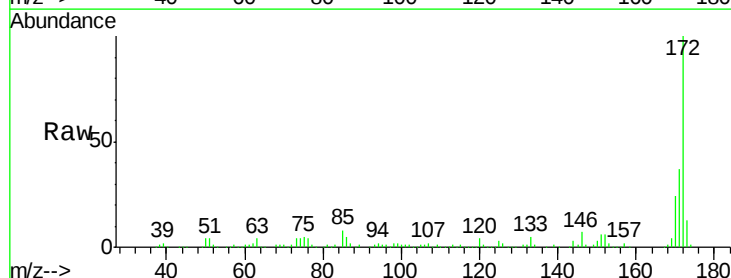


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.26 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.07 min
 Lab File: BF089508.D
 Acq: 1 Aug 2016 13:37

Tgt Ion:172 Resp: 504884
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.2 43.8
 170 23.9 19.2 28.8



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

