

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052416\
 Data File : BF087351.D
 Acq On : 24 May 2016 22:35
 Operator : UM/SJ
 Sample : H3136-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MIDRIVER-SUMP-SOUTH-TUBE

Quant Time: May 25 00:46:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

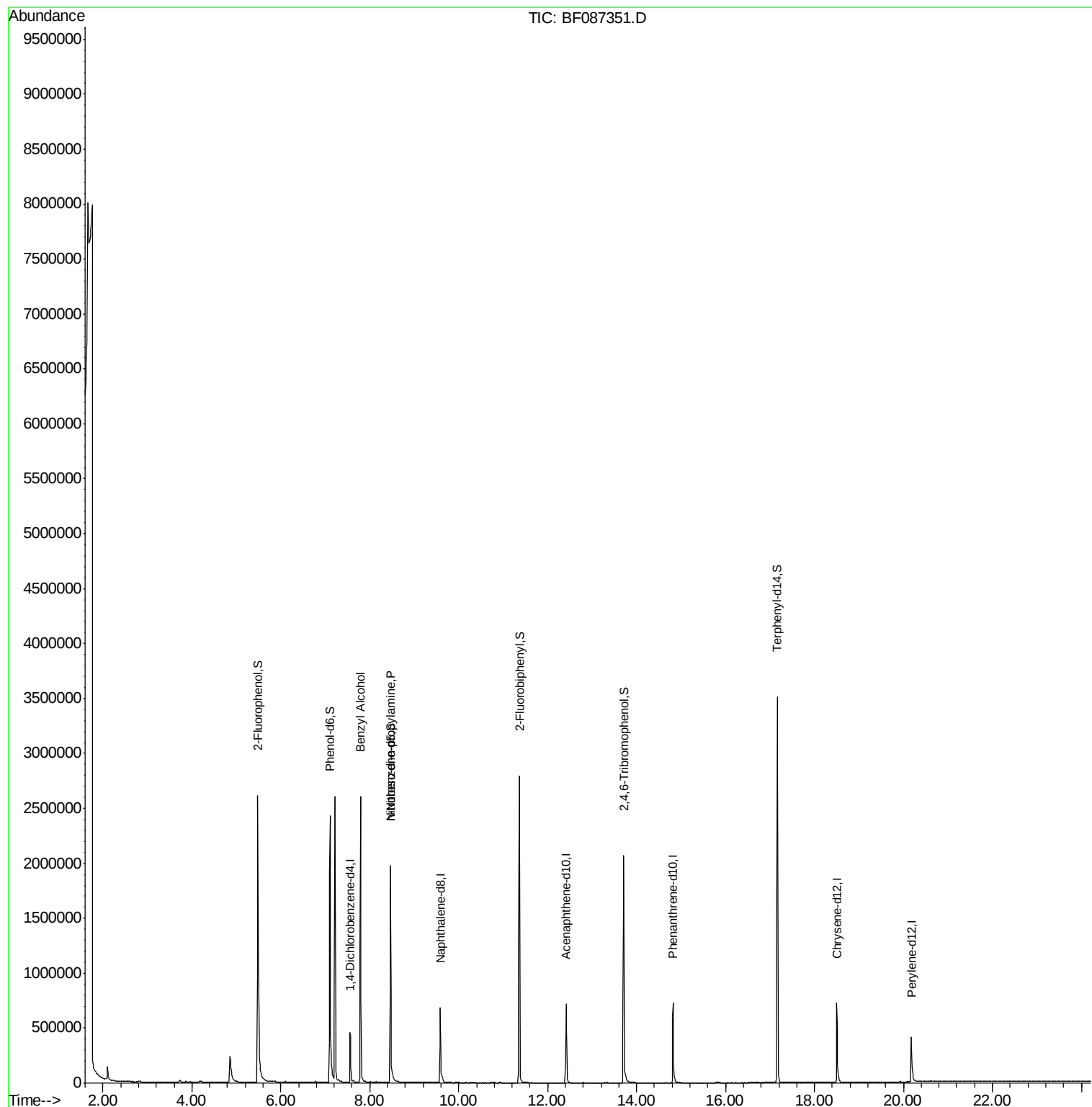
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	110447	20.00	ng	-0.05
21) Naphthalene-d8	9.59	136	445633	20.00	ng	-0.06
38) Acenaphthene-d10	12.41	164	218544	20.00	ng	-0.07
63) Phenanthrene-d10	14.82	188	439057	20.00	ng	-0.06
75) Chrysene-d12	18.50	240	388044	20.00	ng	-0.06
86) Perylene-d12	20.18	264	268729	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	973790	154.93	ng	-0.03
7) Phenol-d6	7.11	99	1237615	145.72	ng	-0.06
23) Nitrobenzene-d5	8.47	82	898712	101.64	ng	-0.07
41) 2,4,6-Tribromophenol	13.71	330	354487	168.79	ng	-0.07
44) 2-Fluorobiphenyl	11.37	172	1574353	101.56	ng	-0.06
78) Terphenyl-d14	17.17	244	1721548	94.32	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	7.79	79	16430	2.65	ng	# 44
19) n-Nitroso-di-n-propylamine	8.47	70	123060	19.43	ng	# 76

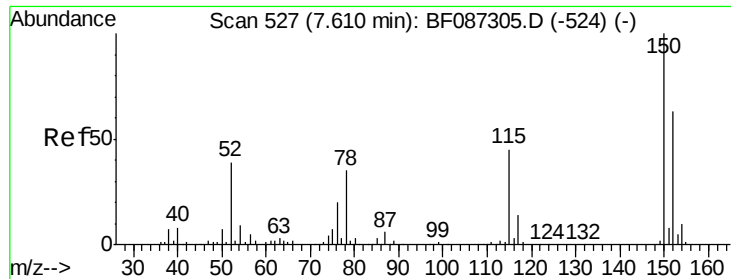
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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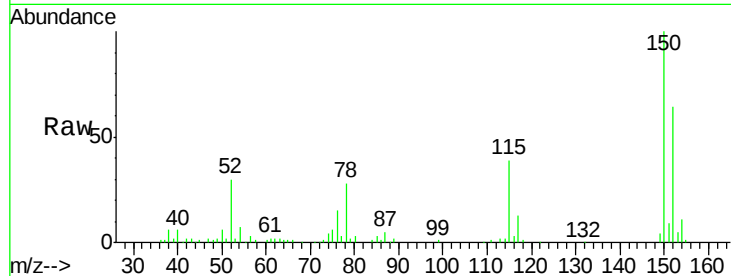




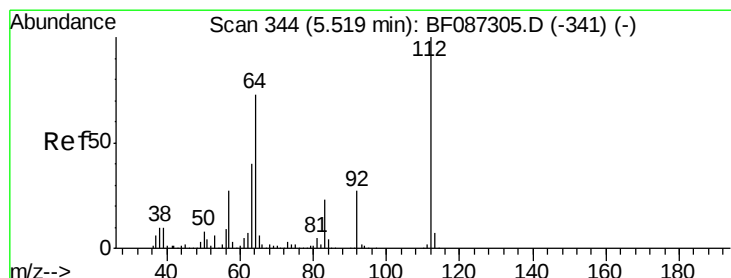
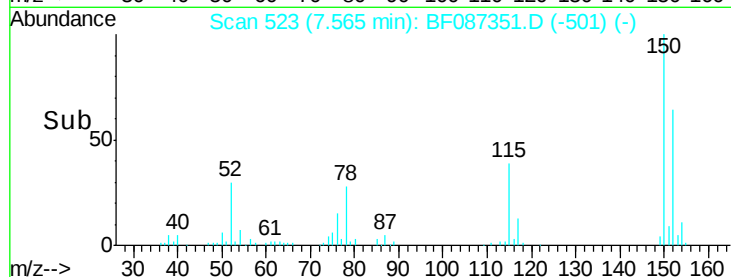
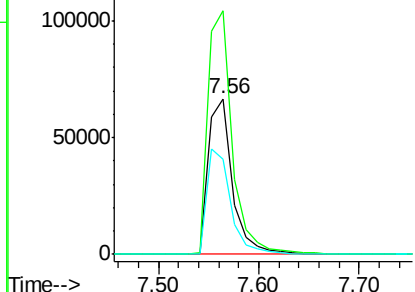
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.56 min Scan# 523
 Delta R.T. -0.05 min
 Lab File: BF087351.D
 Acq: 24 May 2016 22:35

Instrument :
 BNA_F
 ClientSampleId :
 MIDRIVER-SUMP-SOUTH-TUBE

Tgt Ion:152 Resp: 110447
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.8 188.6
 115 61.0 51.5 77.3

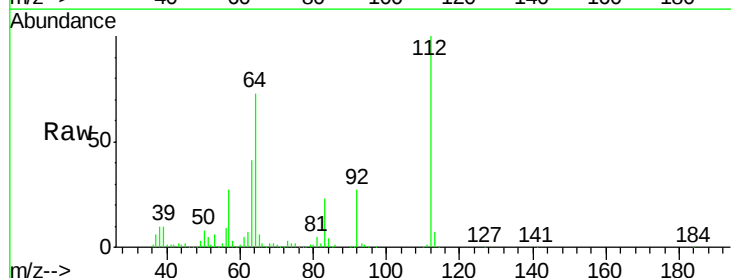


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

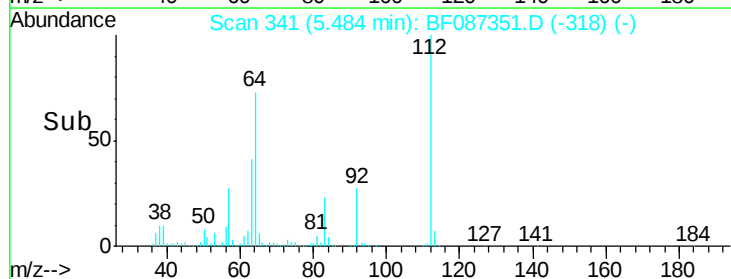
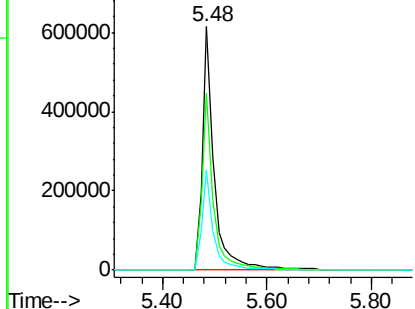


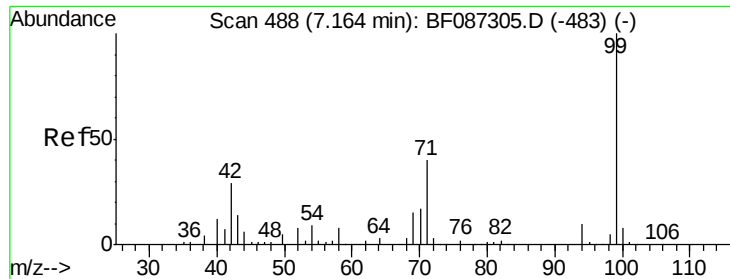
#5
 2-Fluorophenol
 Concen: 154.93 ng
 RT: 5.48 min Scan# 341
 Delta R.T. -0.03 min
 Lab File: BF087351.D
 Acq: 24 May 2016 22:35

Tgt Ion:112 Resp: 973790
 Ion Ratio Lower Upper
 112 100
 64 72.8 52.1 78.1
 63 40.9 25.7 38.5#



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: 145.72 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.06 min

Lab File: BF087351.D

Acq: 24 May 2016 22:35

Instrument :

BNA_F

ClientSampleId :

MIDRIVER-SUMP-SOUTH-TUBE

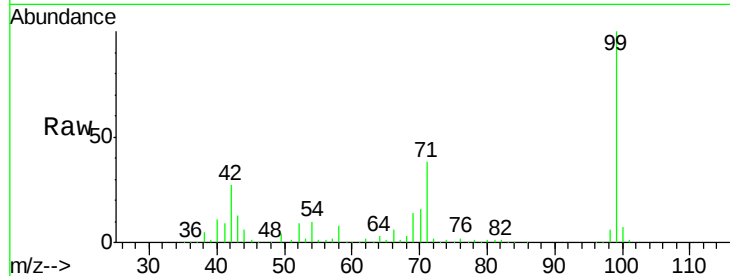
Tgt Ion: 99 Resp: 1237615

Ion Ratio Lower Upper

99 100

42 26.8 13.6 20.4#

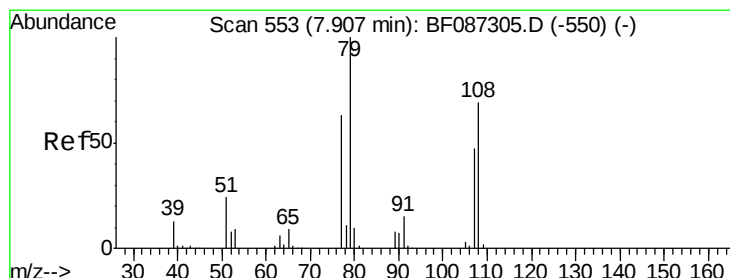
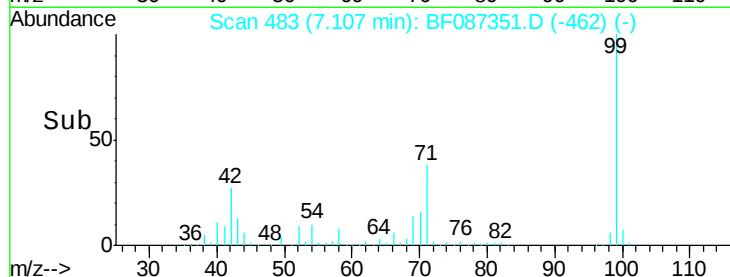
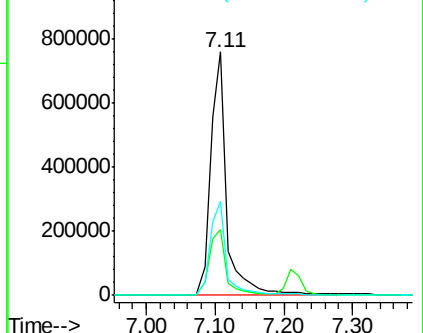
71 38.4 24.6 36.8#



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: 2.65 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.11 min

Lab File: BF087351.D

Acq: 24 May 2016 22:35

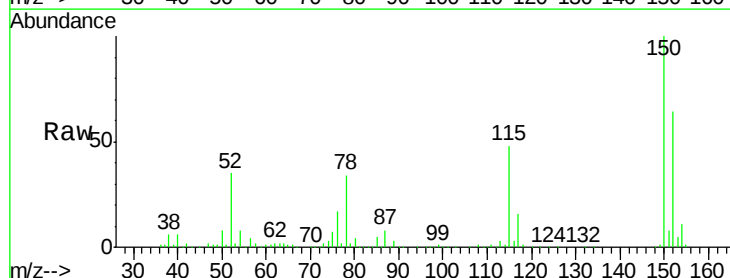
Tgt Ion: 79 Resp: 16430

Ion Ratio Lower Upper

79 100

108 33.8 68.4 102.6#

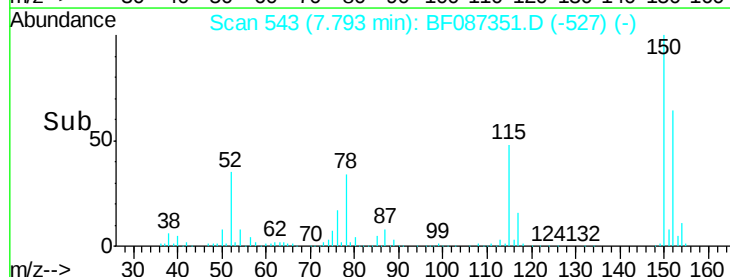
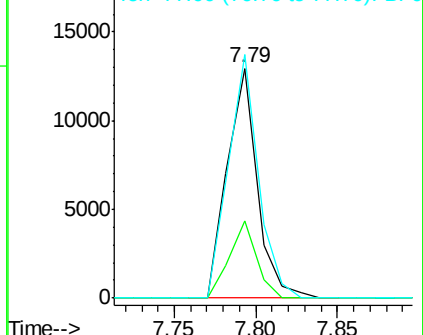
77 105.8 50.6 76.0#

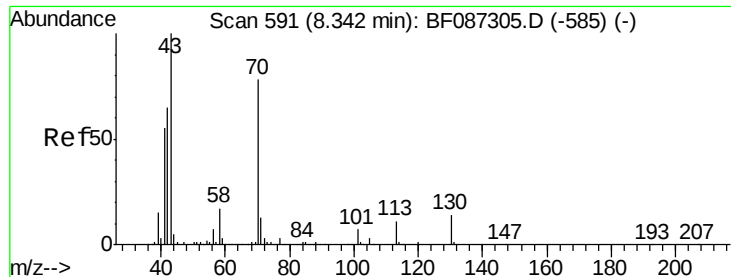


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

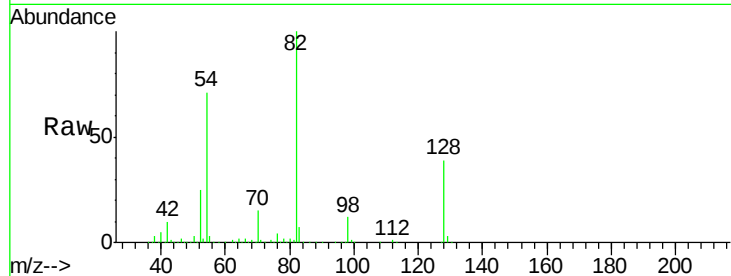




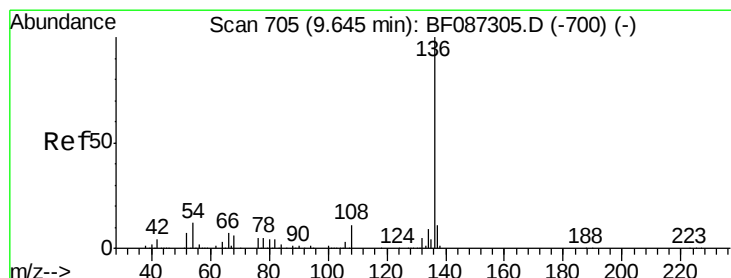
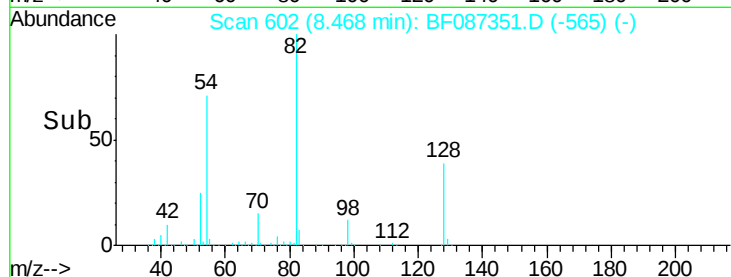
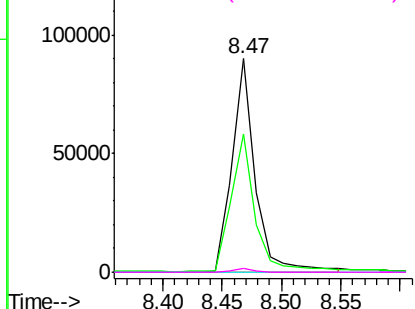
#19
n-Nitroso-di-n-propylamine
Concen: 19.43 ng
RT: 8.47 min Scan# 602
Delta R.T. 0.13 min
Lab File: BF087351.D
Acq: 24 May 2016 22:35

Instrument :
BNA_F
ClientSampleId :
MIDRIVER-SUMP-SOUTH-TUBE

Tgt Ion: 70 Resp: 123060
Ion Ratio Lower Upper
70 100
42 64.9 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



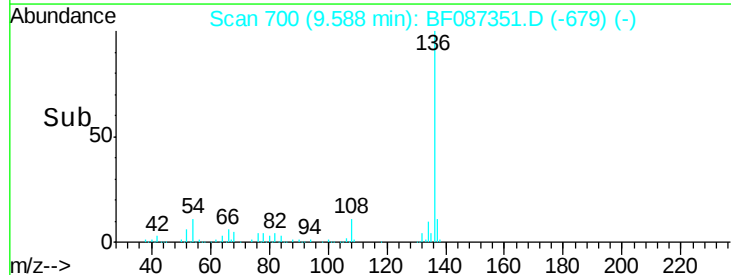
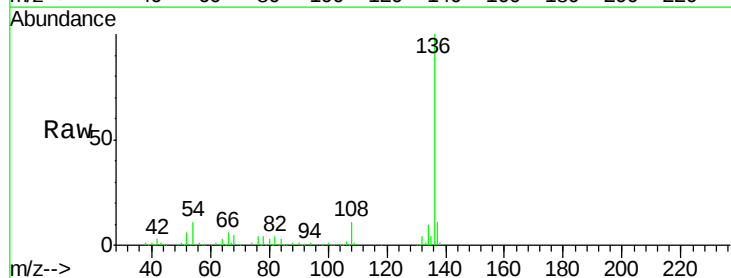
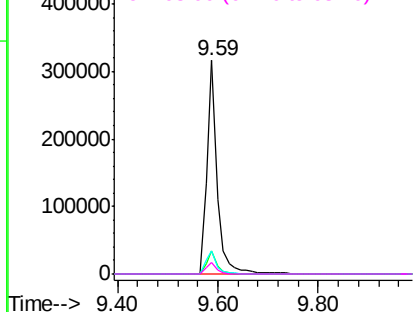
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

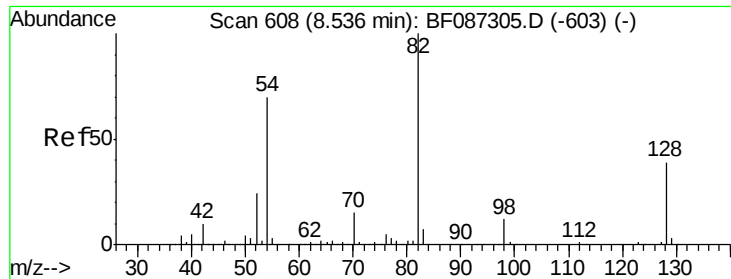


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF087351.D
Acq: 24 May 2016 22:35

Tgt Ion: 136 Resp: 445633
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.7 5.0 7.4#
68 5.5 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

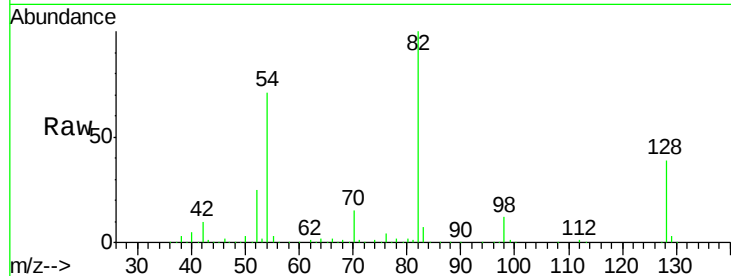




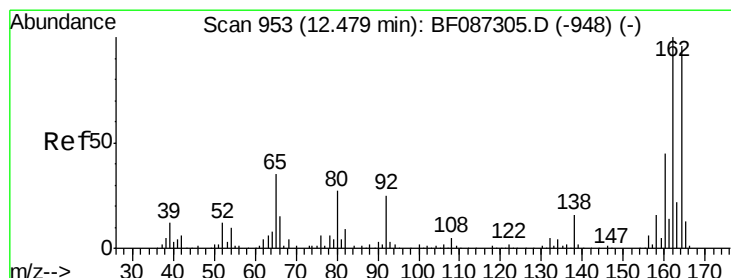
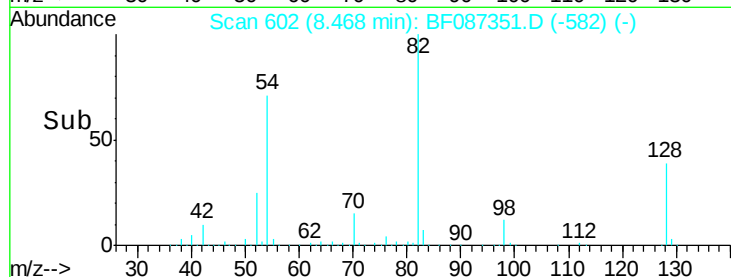
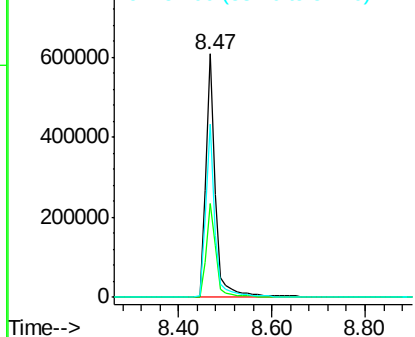
#23
 Nitrobenzene-d5
 Concen: 101.64 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.07 min
 Lab File: BF087351.D
 Acq: 24 May 2016 22:35

Instrument :
 BNA_F
 ClientSampleId :
 MIDRIVER-SUMP-SOUTH-TUBE

Tgt Ion: 82 Resp: 898712
 Ion Ratio Lower Upper
 82 100
 128 38.6 40.6 61.0#
 54 71.1 38.1 57.1#

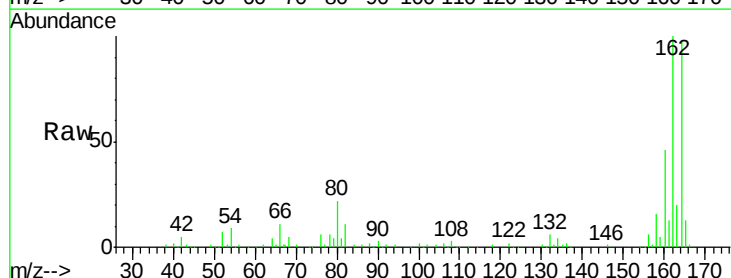


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

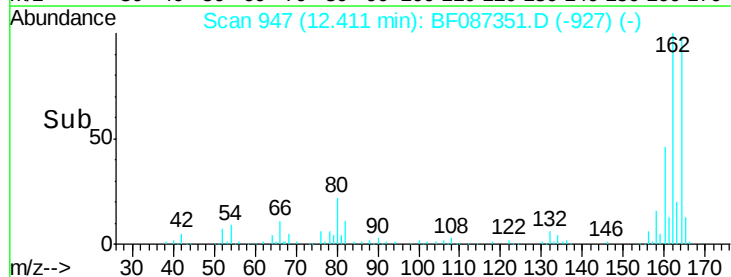
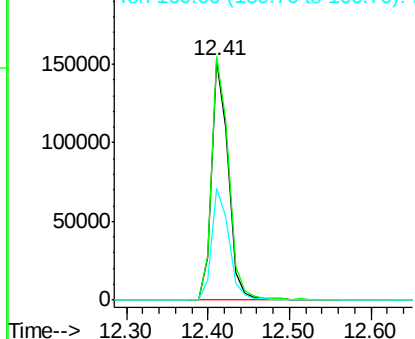


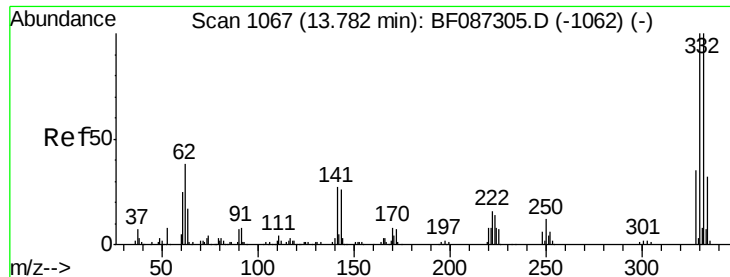
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.07 min
 Lab File: BF087351.D
 Acq: 24 May 2016 22:35

Tgt Ion: 164 Resp: 218544
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.8 124.2
 160 46.5 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

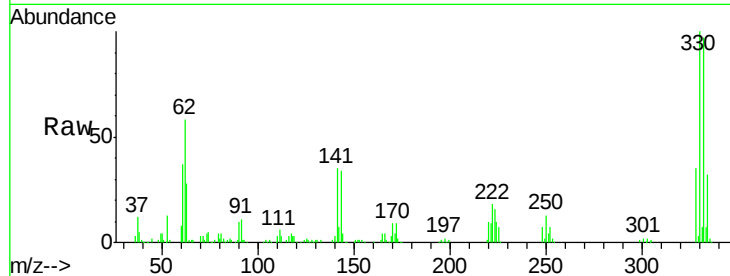




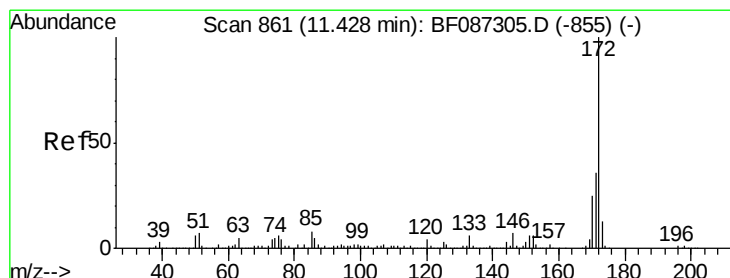
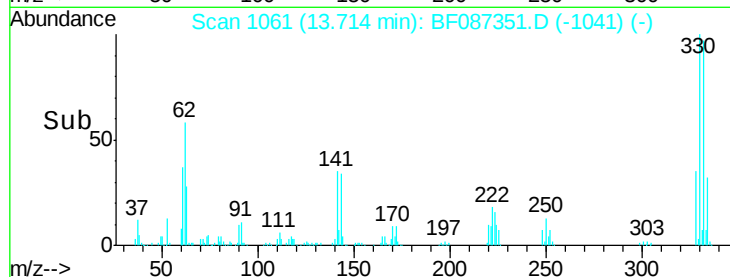
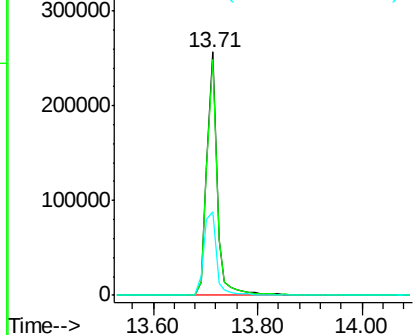
#41
 2,4,6-Tribromophenol
 Concen: 168.79 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.07 min
 Lab File: BF087351.D
 Acq: 24 May 2016 22:35

Instrument :
 BNA_F
 ClientSampleId :
 MIDRIVER-SUMP-SOUTH-TUBE

Tgt Ion:330 Resp: 354487
 Ion Ratio Lower Upper
 330 100
 332 97.5 79.0 118.4
 141 42.9 31.2 46.8

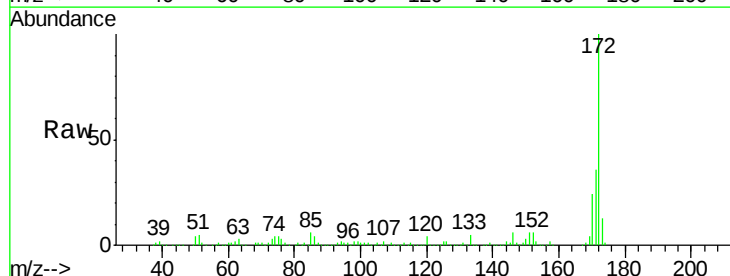


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 101.56 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.06 min
 Lab File: BF087351.D
 Acq: 24 May 2016 22:35

Tgt Ion:172 Resp: 1574353
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 23.8 19.8 29.8



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

