

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087529.D
 Acq On : 30 May 2016 1:06
 Operator : UM/SJ
 Sample : H3222-14
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-32

Quant Time: May 30 06:49:16 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

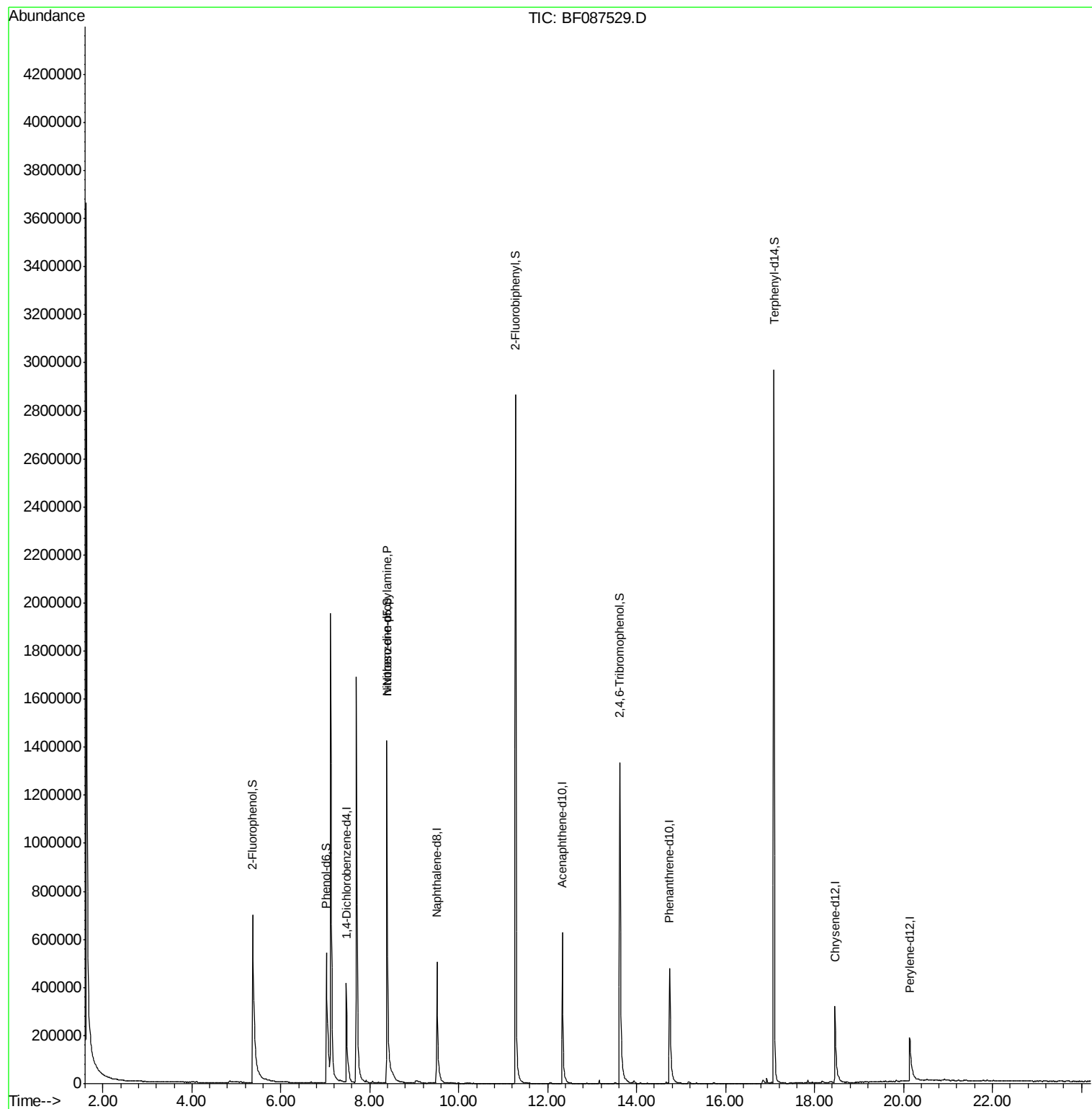
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	112971	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	433661	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	202009	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	374120	20.00	ng	-0.03
75) Chrysene-d12	18.46	240	266976	20.00	ng	-0.02
86) Perylene-d12	20.14	264	212282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	468029	72.80	ng	-0.05
7) Phenol-d6	7.03	99	379858	43.73	ng	-0.05
23) Nitrobenzene-d5	8.39	82	695132	80.79	ng	-0.06
41) 2,4,6-Tribromophenol	13.62	330	232352	119.69	ng	-0.06
44) 2-Fluorobiphenyl	11.28	172	1198000	83.61	ng	-0.06
78) Terphenyl-d14	17.09	244	1091461	86.92	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.39	70	83718	12.92	ng	Qvalue # 75

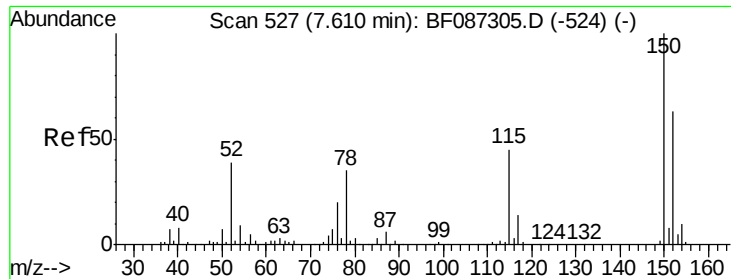
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF087529.D

Acq: 30 May 2016 1:06

Instrument :

BNA_F

ClientSampleId :

MW-32

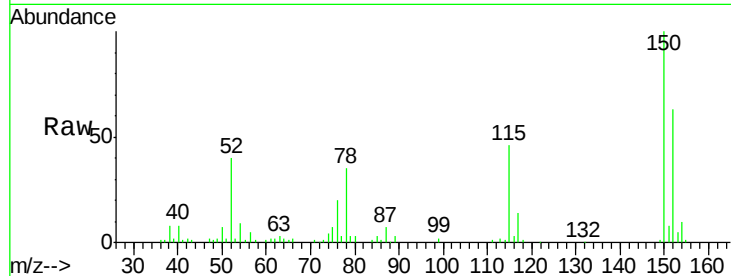
Tgt Ion:152 Resp: 112971

Ion Ratio Lower Upper

152 100

150 157.9 125.8 188.6

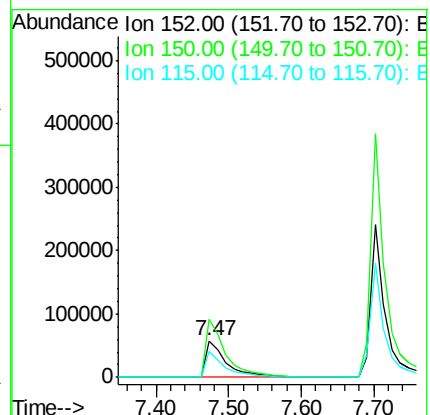
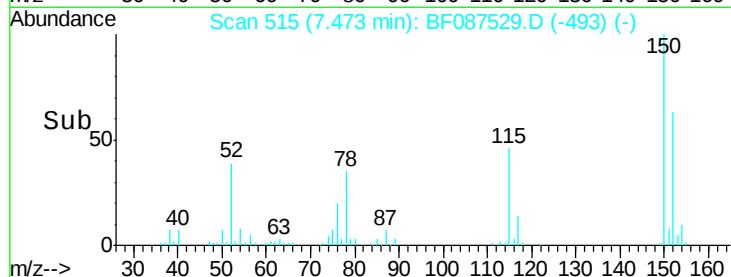
115 72.6 51.5 77.3



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: 72.80 ng

RT: 5.37 min Scan# 331

Delta R.T. -0.05 min

Lab File: BF087529.D

Acq: 30 May 2016 1:06

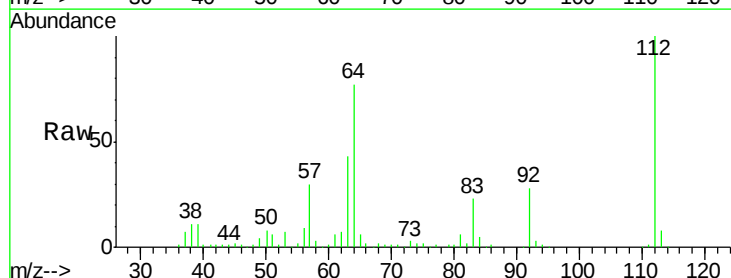
Tgt Ion:112 Resp: 468029

Ion Ratio Lower Upper

112 100

64 77.5 52.1 78.1

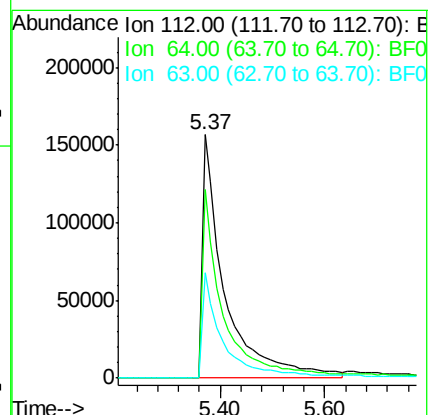
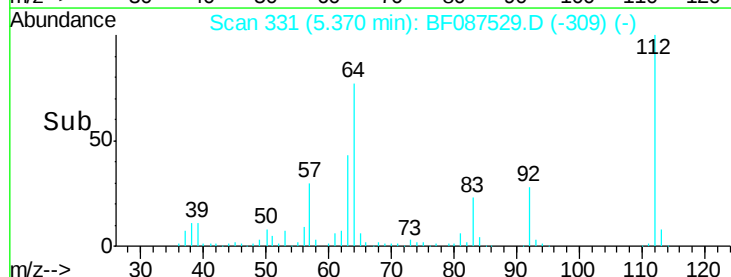
63 43.5 25.7 38.5

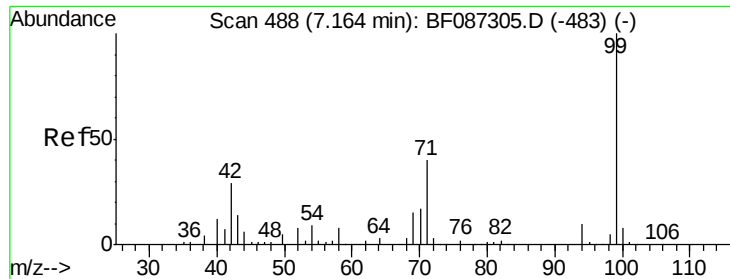


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.73 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.05 min

Lab File: BF087529.D

Acq: 30 May 2016 1:06

Instrument :

BNA_F

ClientSampleId :

MW-32

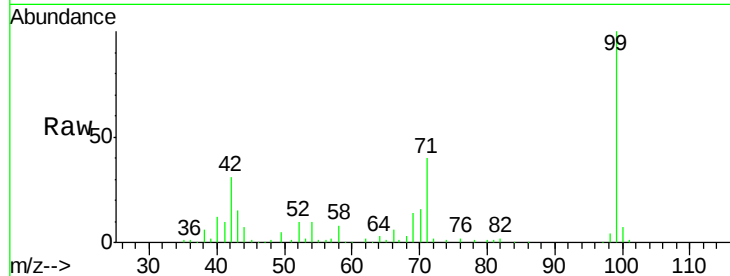
Tgt Ion: 99 Resp: 379858

Ion Ratio Lower Upper

99 100

42 30.7 13.6 20.4#

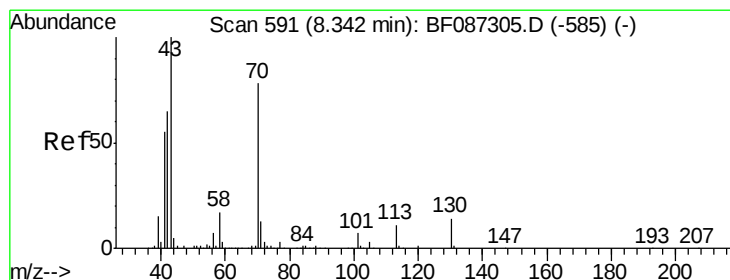
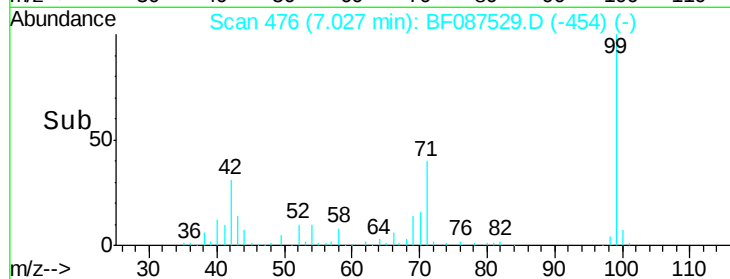
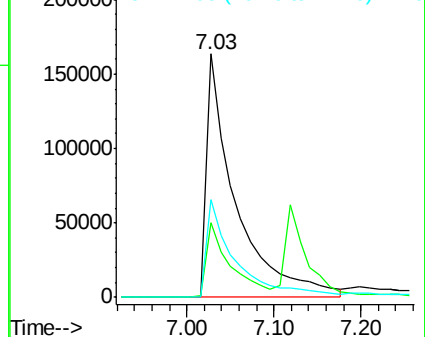
71 40.0 24.6 36.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.92 ng

RT: 8.39 min Scan# 595

Delta R.T. 0.14 min

Lab File: BF087529.D

Acq: 30 May 2016 1:06

Tgt Ion: 70 Resp: 83718

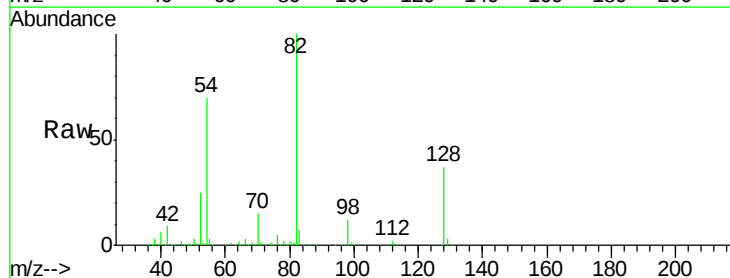
Ion Ratio Lower Upper

70 100

42 65.2 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

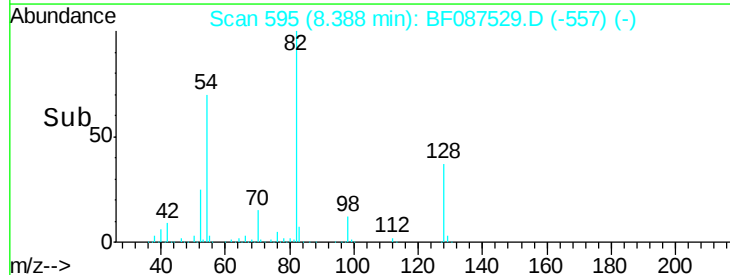
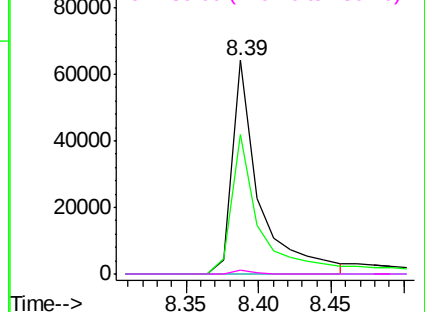


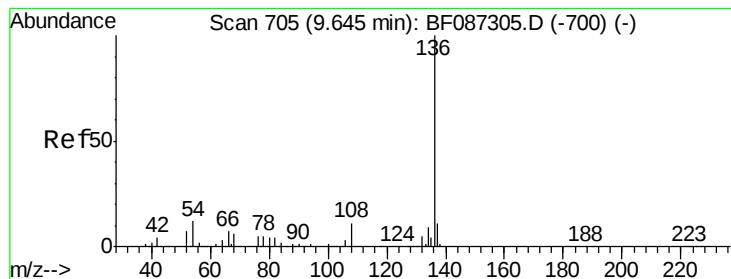
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF087529.D

Acq: 30 May 2016 1:06

Instrument :

BNA_F

ClientSampleId :

MW-32

Tgt Ion: 136 Resp: 433661

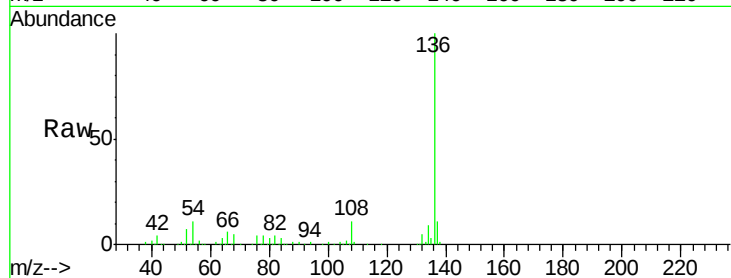
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.8 5.0 7.4#

68 5.2 4.4 6.6

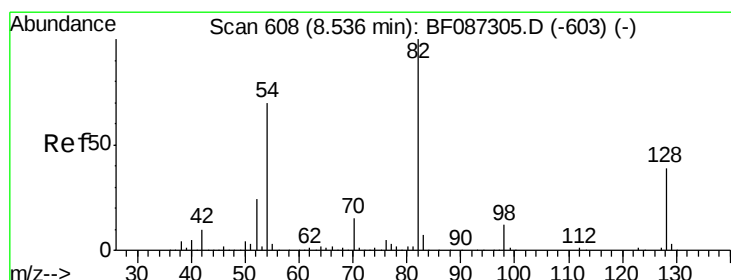
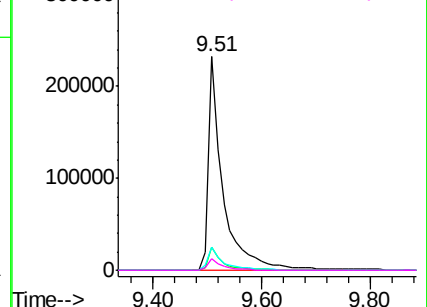
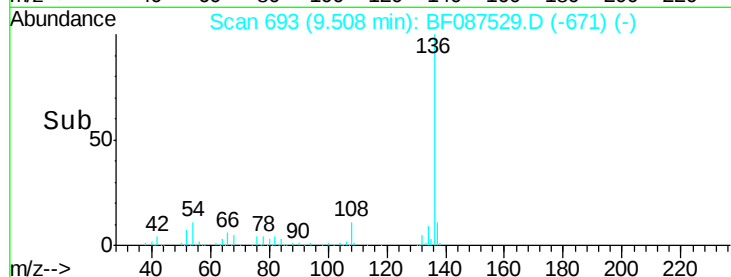


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.79 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.06 min

Lab File: BF087529.D

Acq: 30 May 2016 1:06

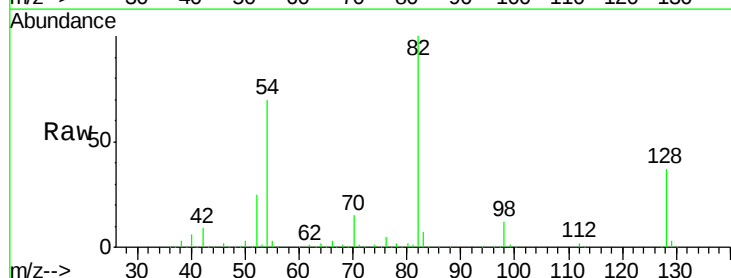
Tgt Ion: 82 Resp: 695132

Ion Ratio Lower Upper

82 100

128 37.4 40.6 61.0#

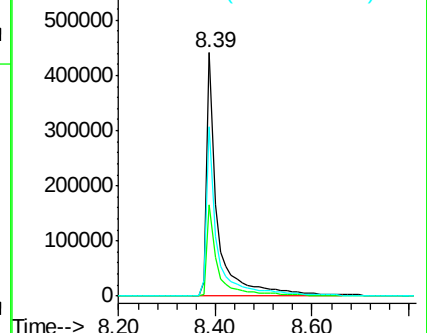
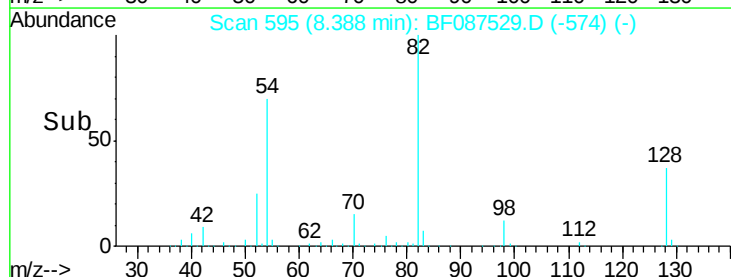
54 69.8 38.1 57.1#



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

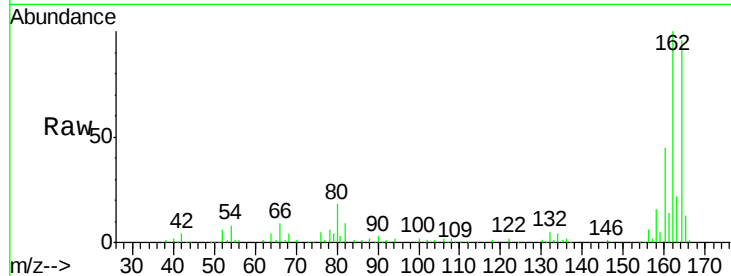




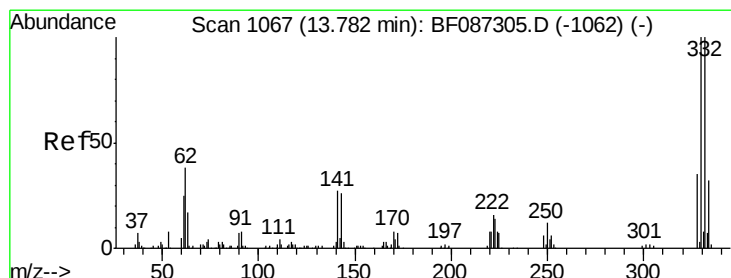
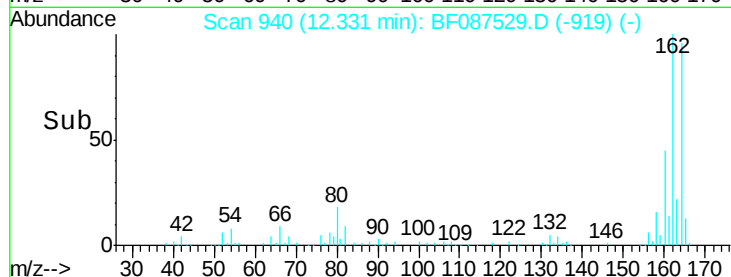
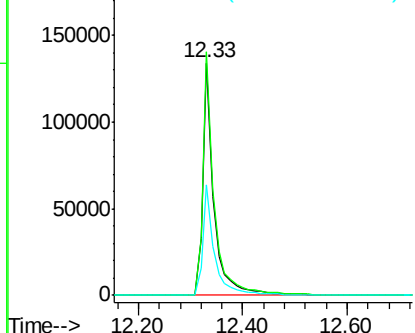
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.06 min
 Lab File: BF087529.D
 Acq: 30 May 2016 1:06

Instrument :
 BNA_F
 ClientSampled :
 MW-32

Tgt Ion:164 Resp: 202009
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.8 124.2
 160 47.5 36.9 55.3

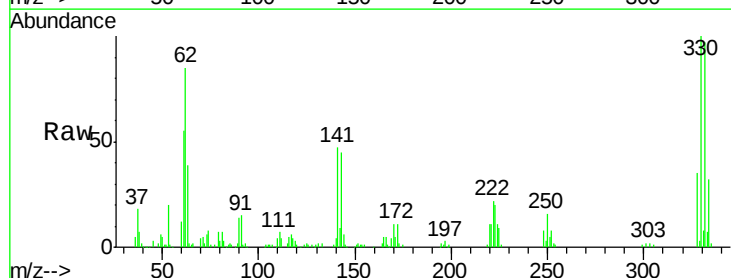


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

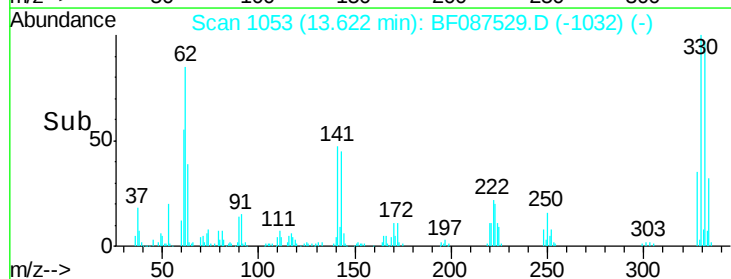
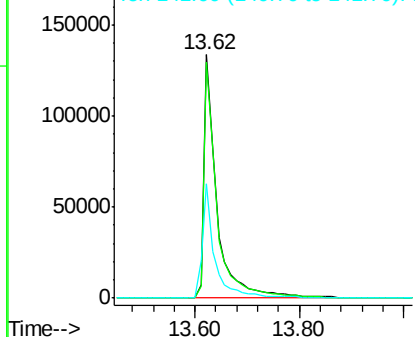


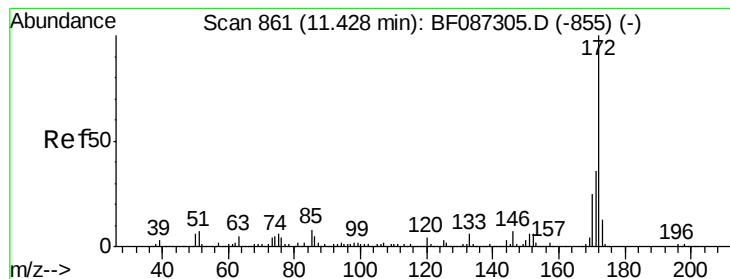
#41
 2,4,6-Tribromophenol
 Concen: 119.69 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.06 min
 Lab File: BF087529.D
 Acq: 30 May 2016 1:06

Tgt Ion:330 Resp: 232352
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 46.0 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: 83.61 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.06 min

Lab File: BF087529.D

Acq: 30 May 2016 1:06

Instrument :

BNA_F

ClientSampleId :

MW-32

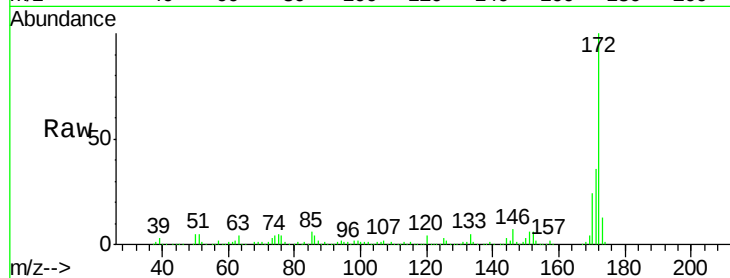
Tgt Ion:172 Resp: 1198000

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

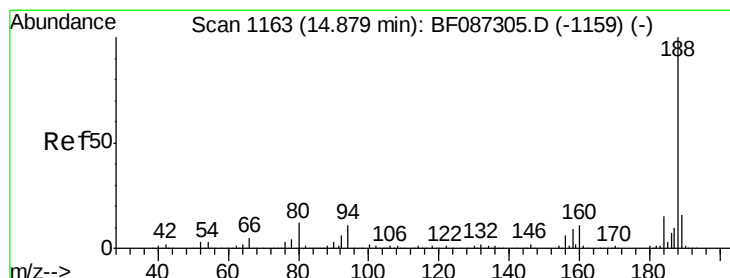
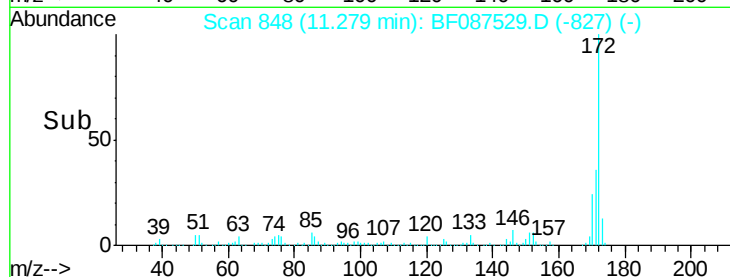
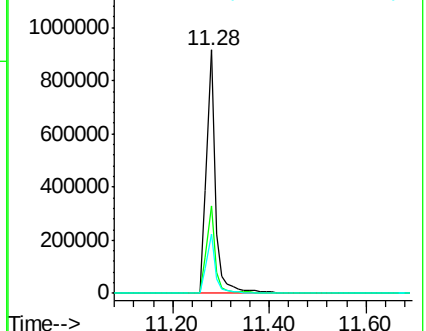
170 24.2 19.8 29.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF087529.D

Acq: 30 May 2016 1:06

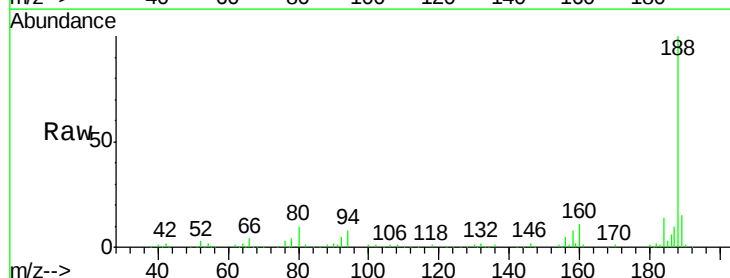
Tgt Ion:188 Resp: 374120

Ion Ratio Lower Upper

188 100

94 8.4 6.8 10.2

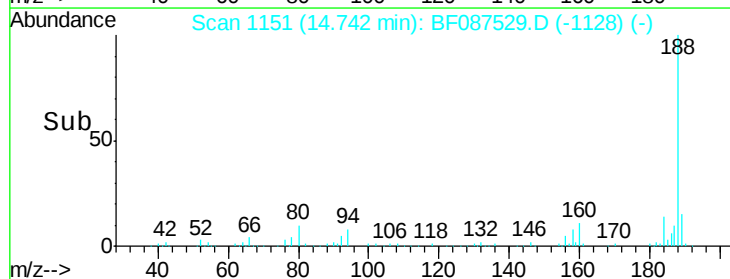
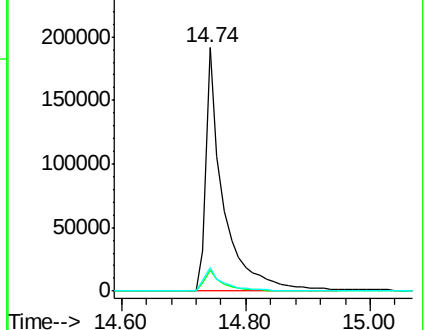
80 9.6 7.1 10.7



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.46 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF087529.D

Acq: 30 May 2016 1:06

Instrument :

BNA_F

ClientSampleId :

MW-32

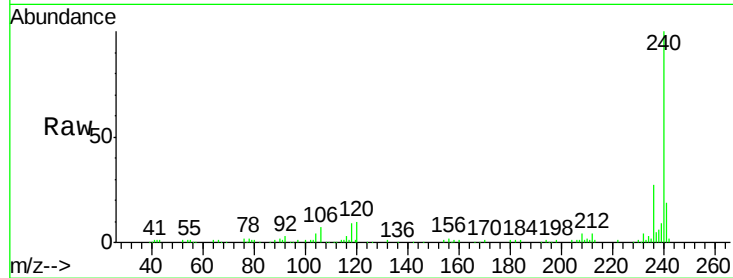
Tgt Ion:240 Resp: 266976

Ion Ratio Lower Upper

240 100

120 10.2 11.2 16.8#

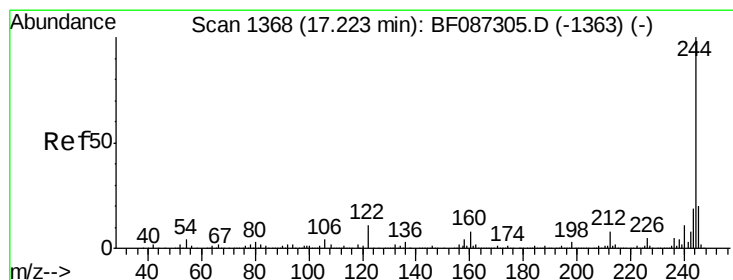
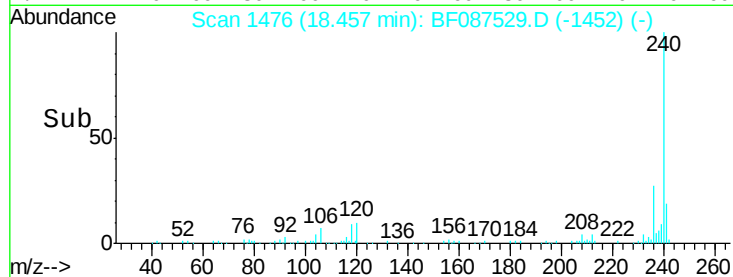
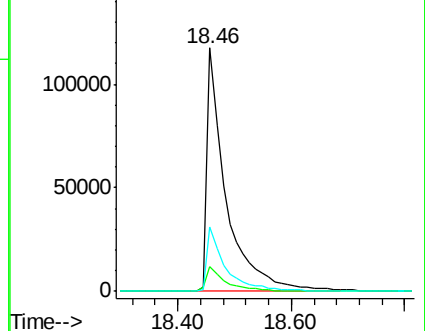
236 26.7 21.2 31.8



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: 86.92 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.05 min

Lab File: BF087529.D

Acq: 30 May 2016 1:06

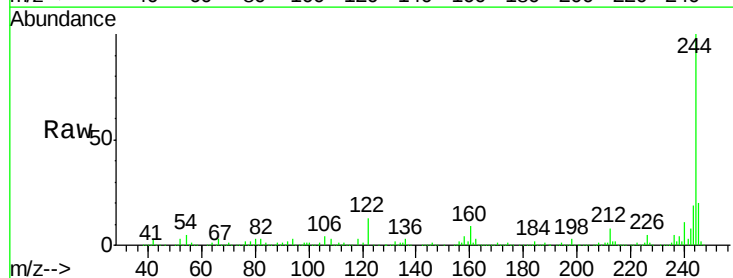
Tgt Ion:244 Resp: 1091461

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

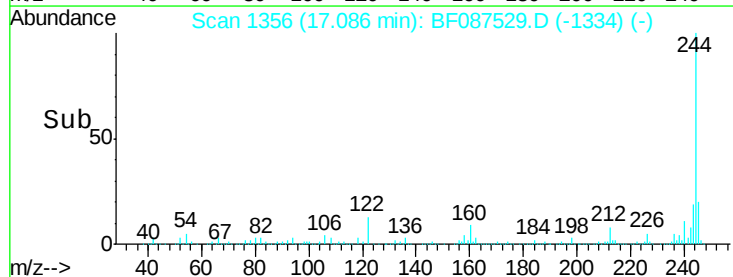
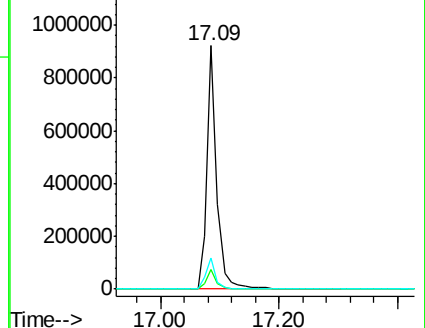
122 12.6 12.0 18.0

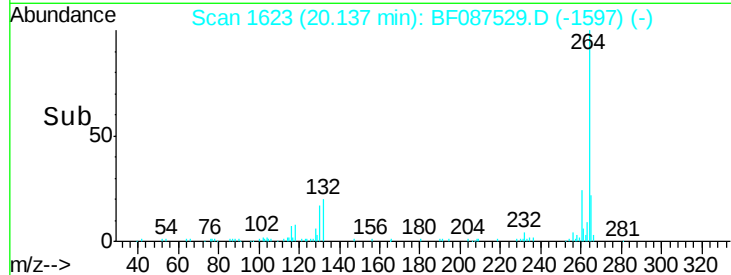
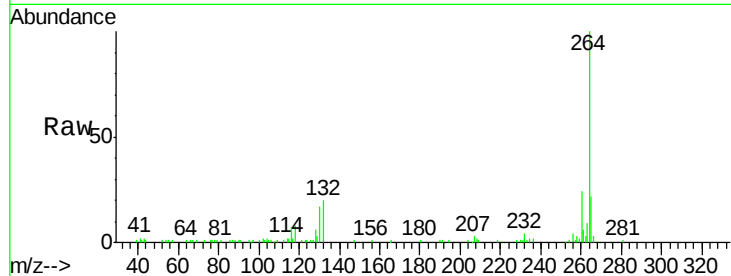
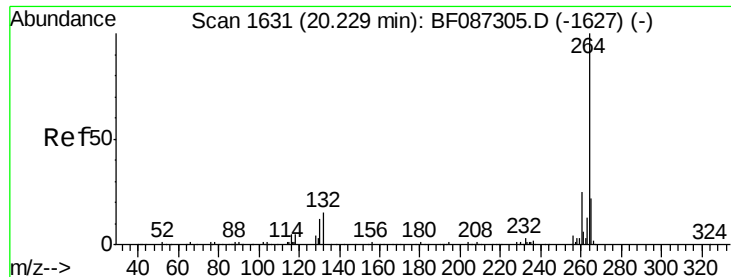


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.14 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BF087529.D
Acq: 30 May 2016 1:06

Instrument :
BNA_F
ClientSampleId :
MW-32

Tgt Ion:	264	Resp:	212282
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	21.6	17.3	25.9

