

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
 Data File : BF087459.D
 Acq On : 28 May 2016 00:20
 Operator : UM/SJ
 Sample : H3291-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: May 28 01:11:47 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

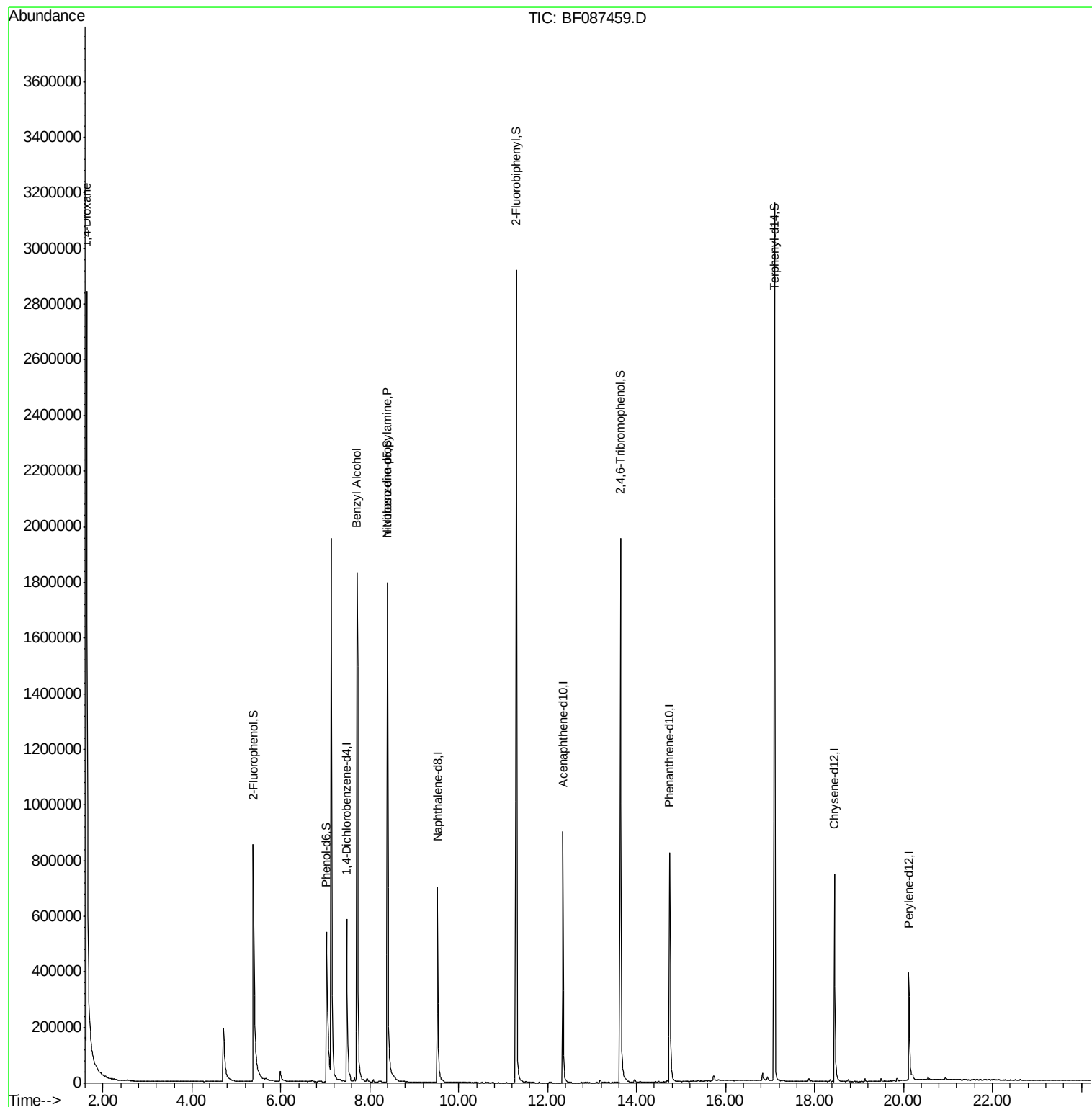
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	124444	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	507442	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	243330	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	460385	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	372056	20.00	ng	-0.03
86) Perylene-d12	20.11	264	270350	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	444821	62.81	ng	-0.03
7) Phenol-d6	7.03	99	388190	40.57	ng	-0.05
23) Nitrobenzene-d5	8.40	82	801553	79.61	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	303709	129.88	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	1443585	83.64	ng	-0.05
78) Terphenyl-d14	17.10	244	1384490	79.11	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.63	88	101957	27.28	ng	# 22
15) Benzyl Alcohol	7.71	79	14087	2.02	ng	# 43
19) n-Nitroso-di-n-propylamine	8.40	70	105130	14.73	ng	# 73

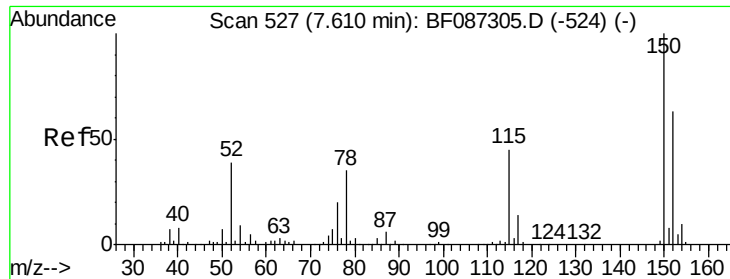
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF087459.D

Acq: 28 May 2016 00:20

Instrument :

BNA_F

ClientSampleId :

MW-10

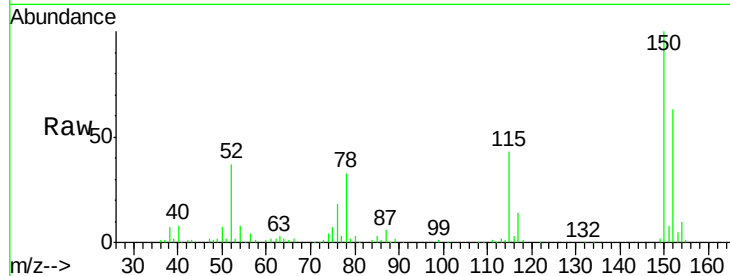
Tgt Ion:152 Resp: 124444

Ion Ratio Lower Upper

152 100

150 159.8 125.8 188.6

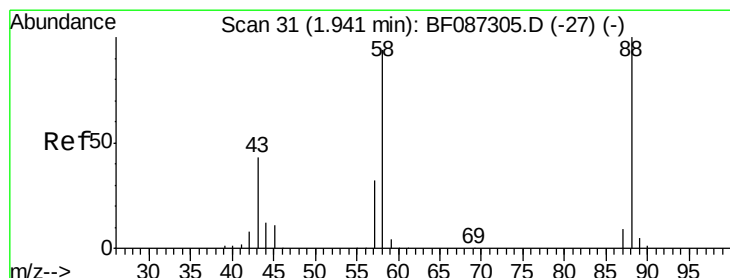
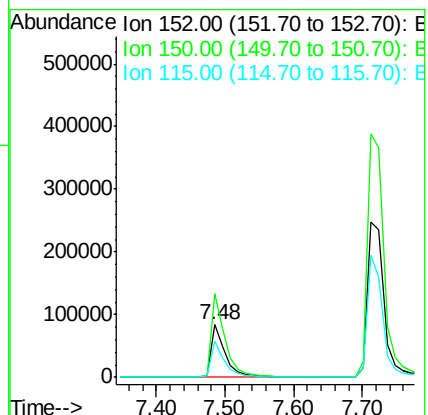
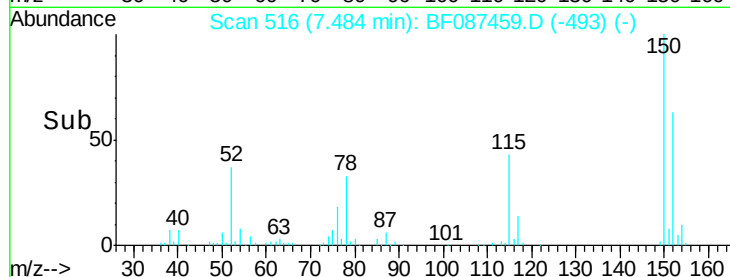
115 69.4 51.5 77.3



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: 27.28 ng

RT: 1.63 min Scan# 4

Delta R.T. -0.18 min

Lab File: BF087459.D

Acq: 28 May 2016 00:20

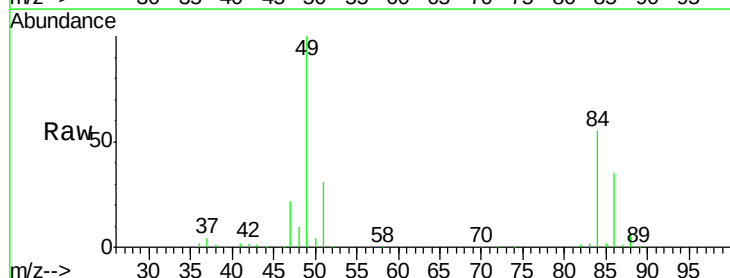
Tgt Ion: 88 Resp: 101957

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

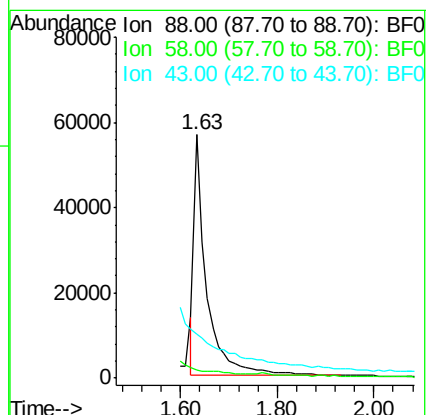
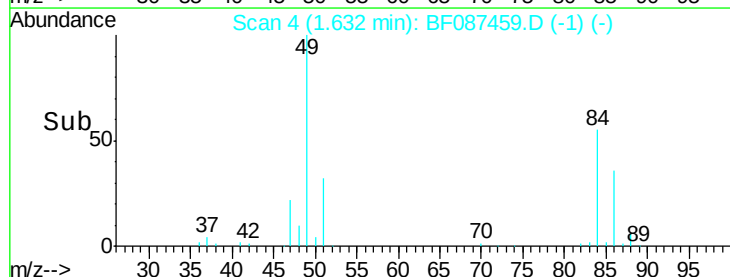
43 0.0 21.8 32.6#

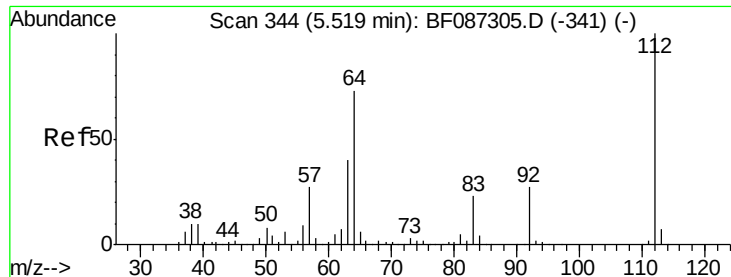


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 62.81 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.03 min

Lab File: BF087459.D

Acq: 28 May 2016 00:20

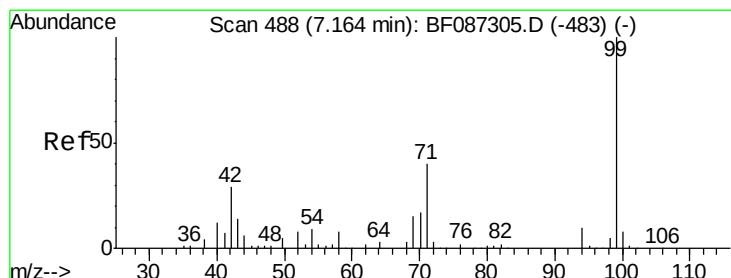
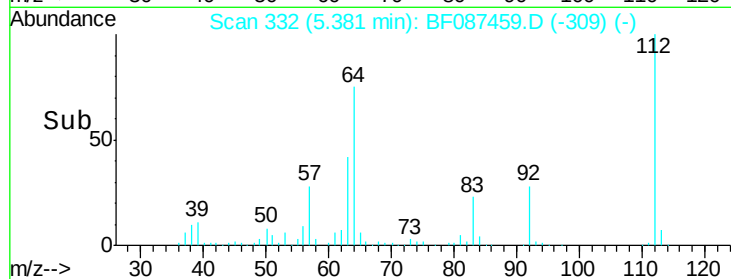
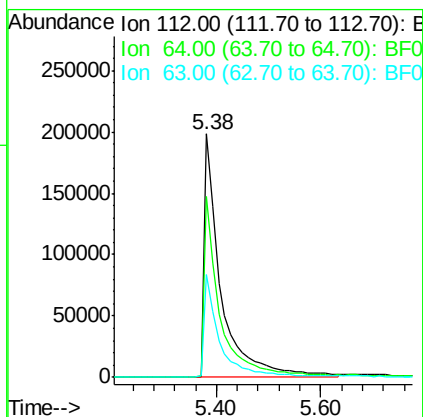
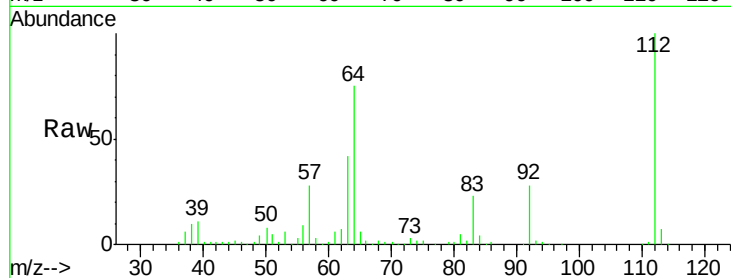
Instrument :

BNA_F

ClientSampleId :

MW-10

Tgt Ion:	112	Resp:	444821
Ion Ratio	Lower	Upper	
112	100		
64	74.6	52.1	78.1
63	42.0	25.7	38.5#



#7

Phenol-d6

Concen: 40.57 ng

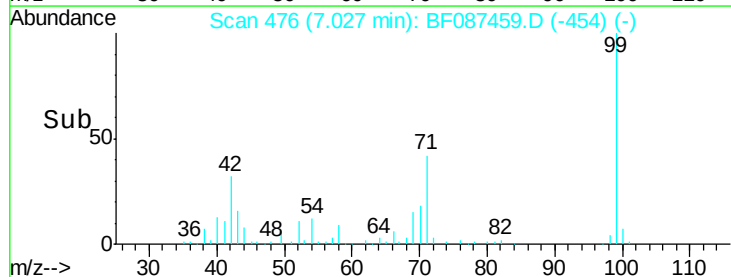
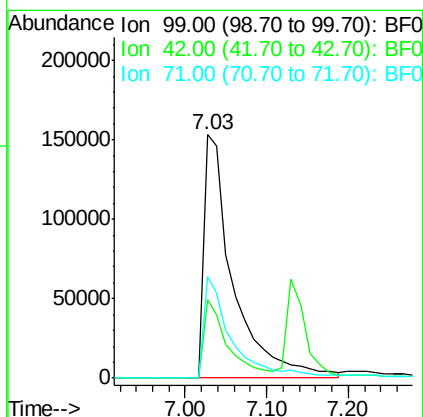
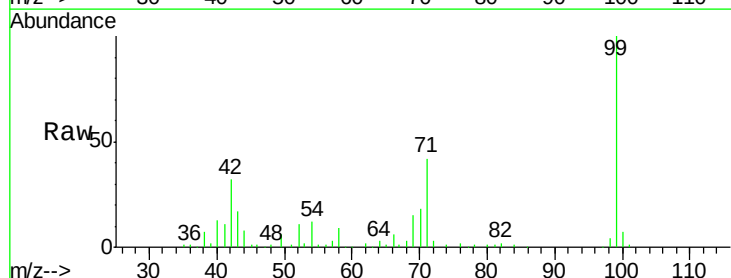
RT: 7.03 min Scan# 476

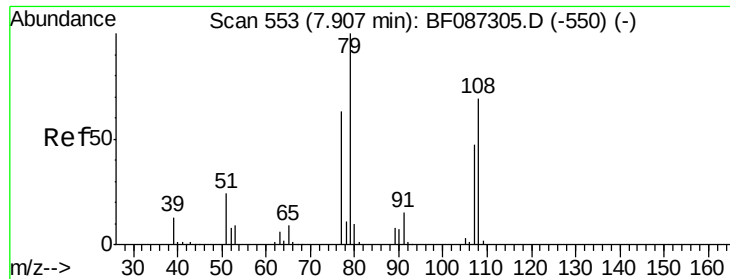
Delta R.T. -0.05 min

Lab File: BF087459.D

Acq: 28 May 2016 00:20

Tgt Ion:	99	Resp:	388190
Ion Ratio	Lower	Upper	
99	100		
42	32.5	13.6	20.4#
71	41.9	24.6	36.8#





#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.10 min

Lab File: BF087459.D

Acq: 28 May 2016 00:20

Instrument :

BNA_F

ClientSampleId :

MW-10

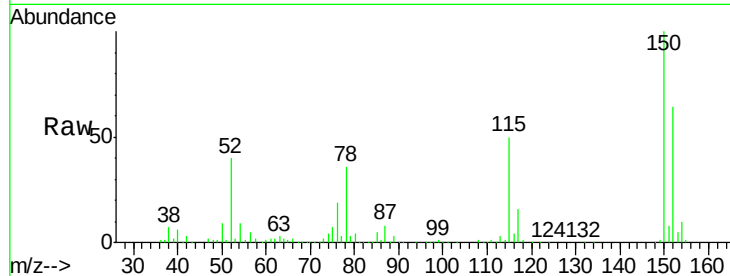
Tgt Ion: 79 Resp: 14087

Ion Ratio Lower Upper

79 100

108 31.0 68.4 102.6#

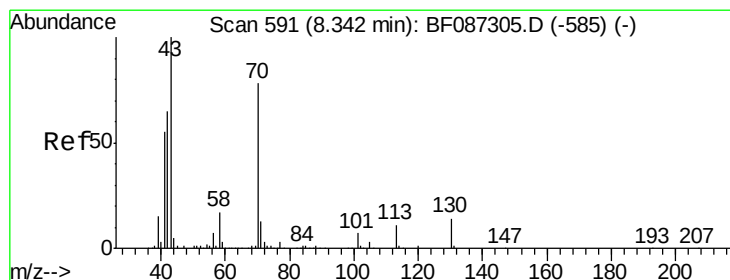
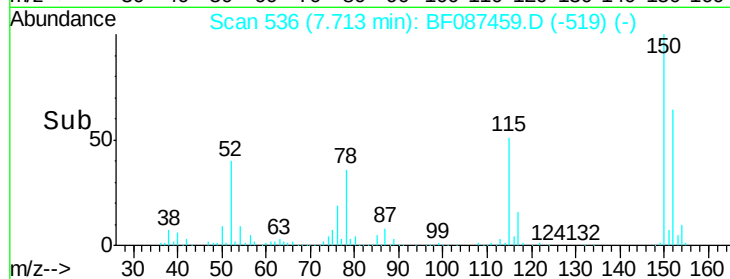
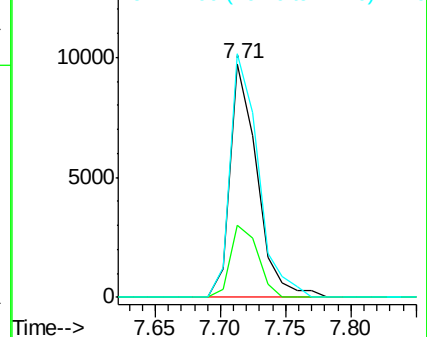
77 104.2 50.6 76.0#



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: 14.73 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.15 min

Lab File: BF087459.D

Acq: 28 May 2016 00:20

Tgt Ion: 70 Resp: 105130

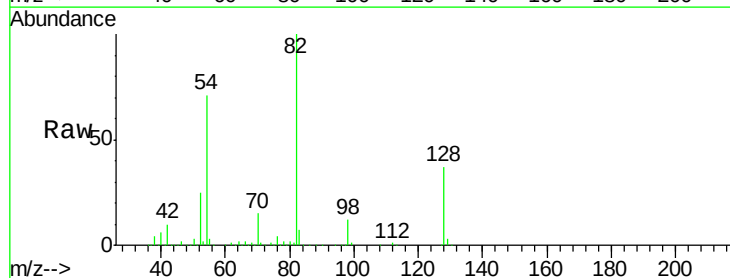
Ion Ratio Lower Upper

70 100

42 68.0 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

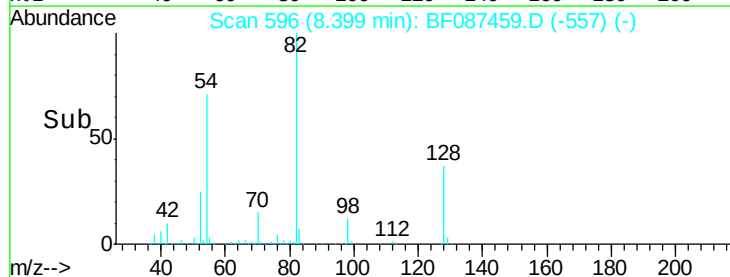
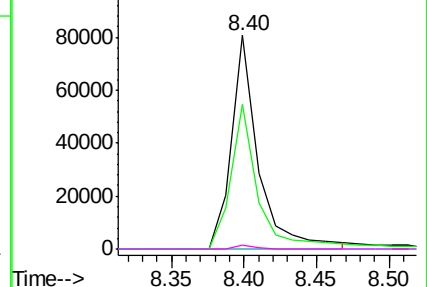


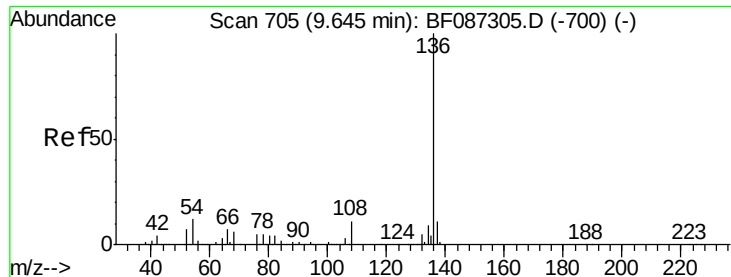
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.52 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF087459.D

Acq: 28 May 2016 00:20

Instrument :

BNA_F

ClientSampleId :

MW-10

Tgt Ion:136 Resp: 507442

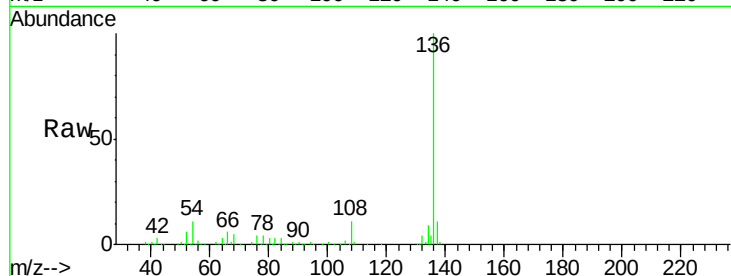
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 10.5 5.0 7.4#

68 5.2 4.4 6.6

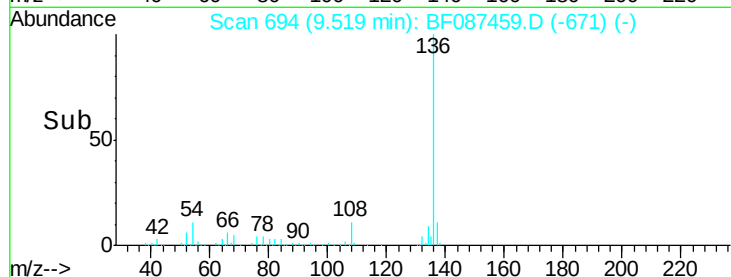


Abundance Ion 136.00 (135.70 to 136.70): E

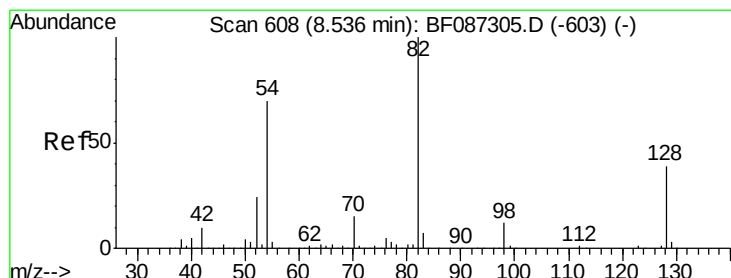
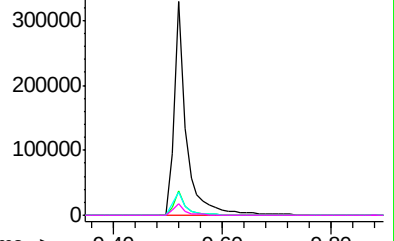
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 79.61 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF087459.D

Acq: 28 May 2016 00:20

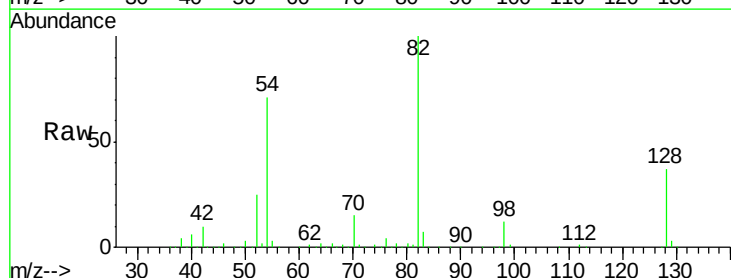
Tgt Ion: 82 Resp: 801553

Ion Ratio Lower Upper

82 100

128 37.5 40.6 61.0#

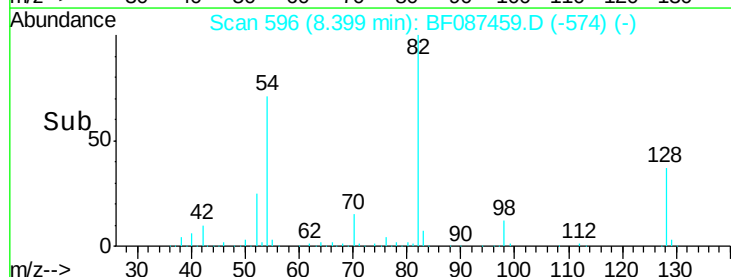
54 70.9 38.1 57.1#



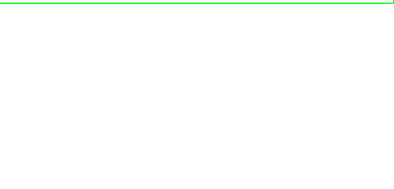
Abundance Ion 82.00 (81.70 to 82.70): BF0

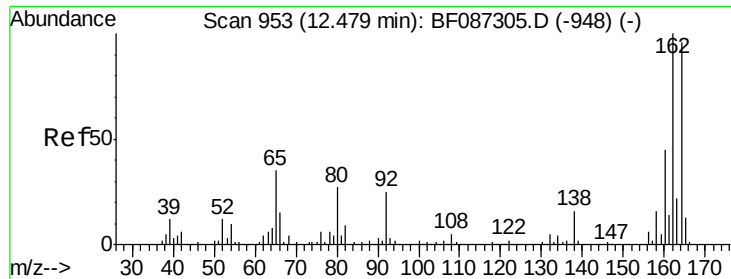
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

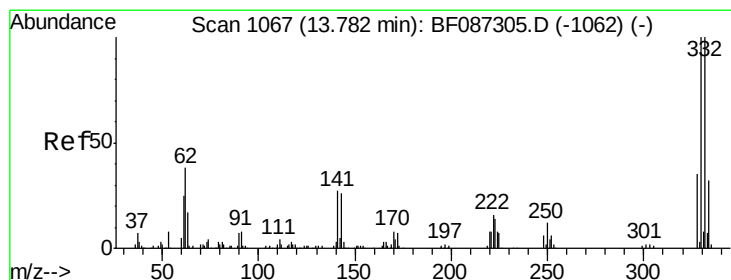
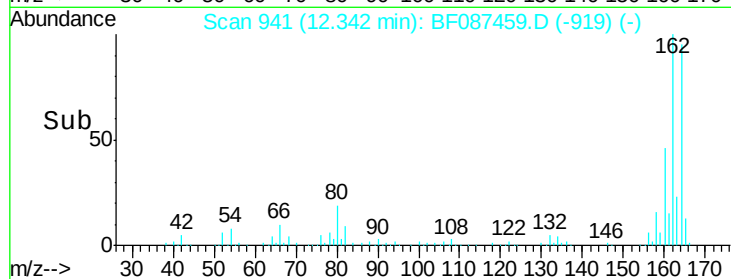
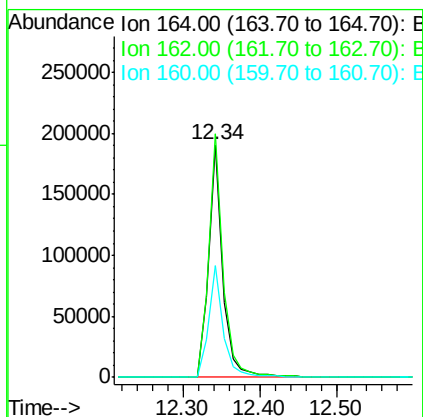
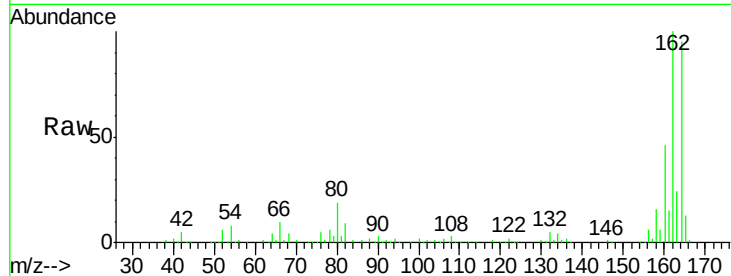




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.34 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF087459.D
 Acq: 28 May 2016 00:20

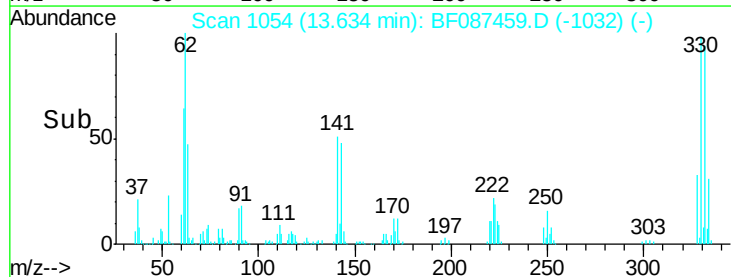
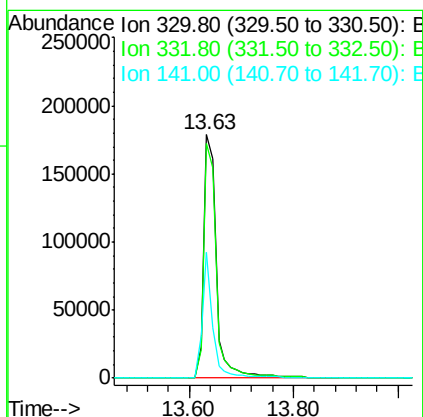
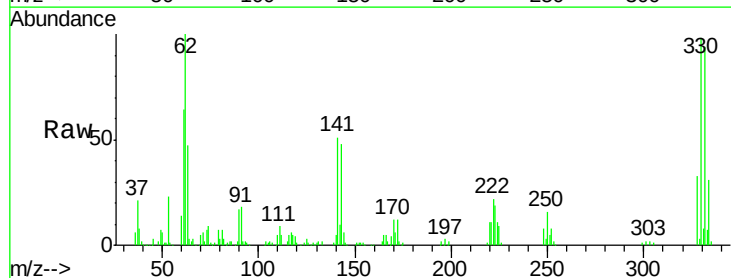
Instrument :
 BNA_F
 ClientSampleId :
 MW-10

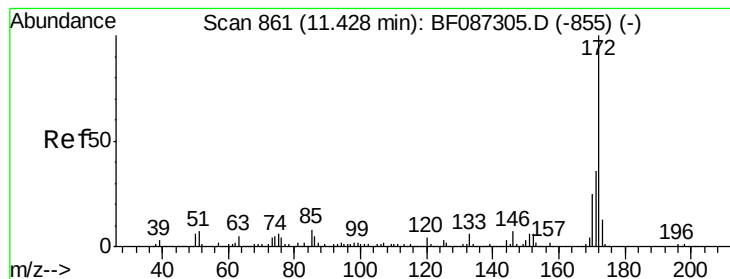
Tgt Ion:164 Resp: 243330
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.8 124.2
 160 48.4 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 129.88 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087459.D
 Acq: 28 May 2016 00:20

Tgt Ion:330 Resp: 303709
 Ion Ratio Lower Upper
 330 100
 332 96.0 79.0 118.4
 141 43.1 31.2 46.8





#44

2-Fluorobiphenyl

Concen: 83.64 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.05 min

Lab File: BF087459.D

Acq: 28 May 2016 00:20

Instrument :

BNA_F

ClientSampled :

MW-10

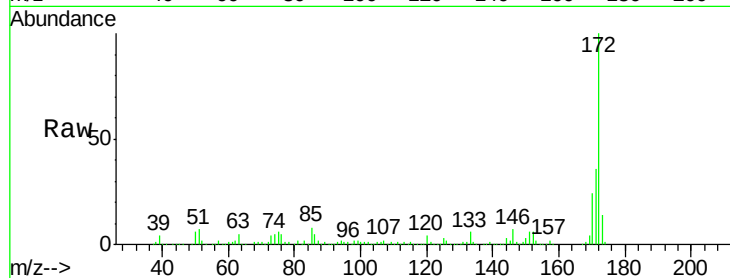
Tgt Ion:172 Resp: 1443585

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

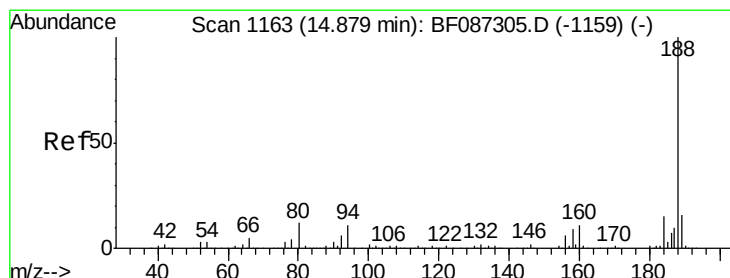
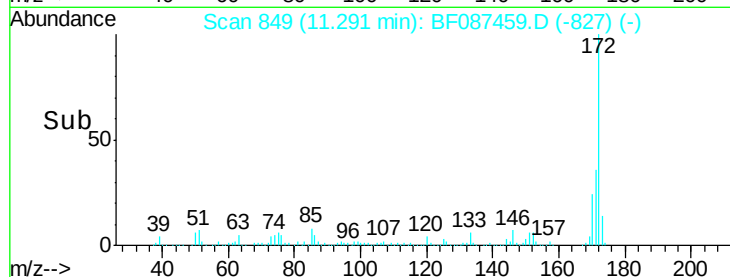
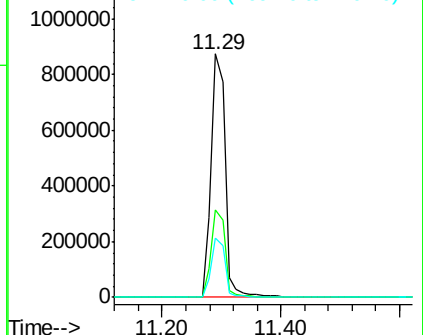
170 24.4 19.8 29.8



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: BF087459.D

Acq: 28 May 2016 00:20

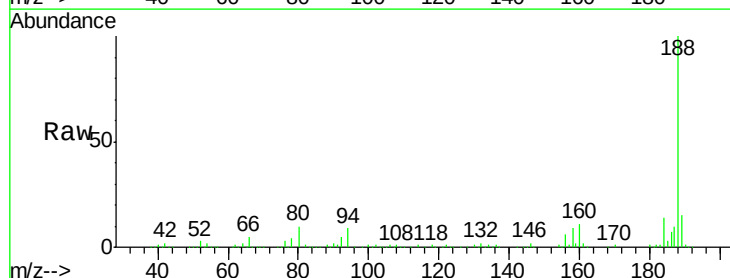
Tgt Ion:188 Resp: 460385

Ion Ratio Lower Upper

188 100

94 9.4 6.8 10.2

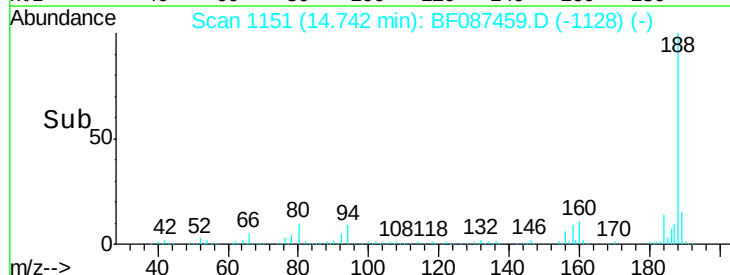
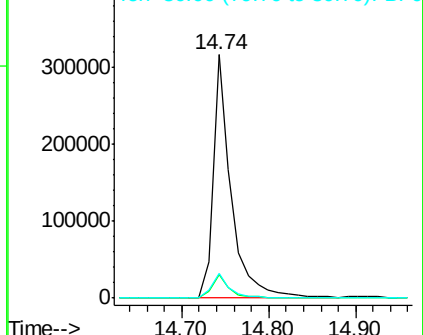
80 10.4 7.1 10.7

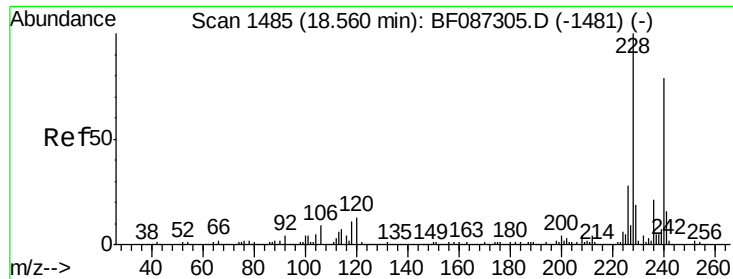


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

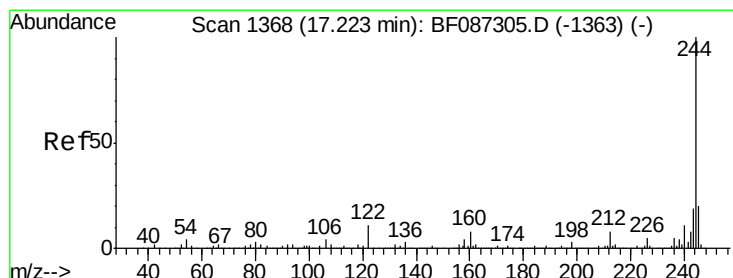
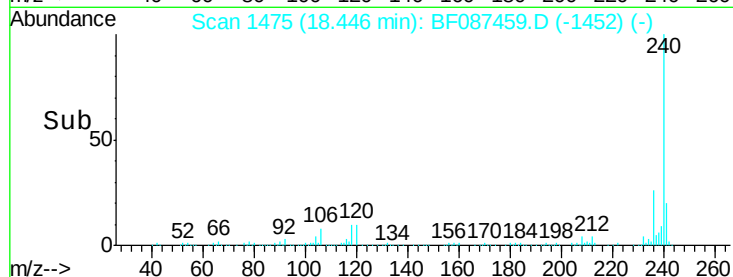
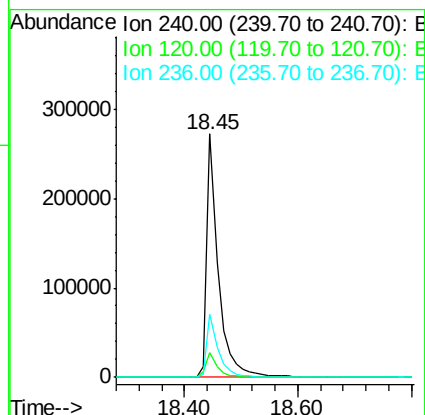
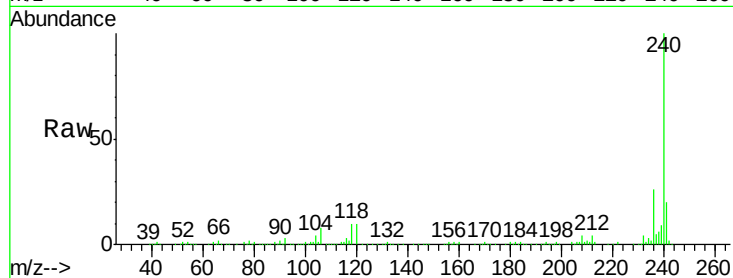




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.03 min
Lab File: BF087459.D
Acq: 28 May 2016 00:20

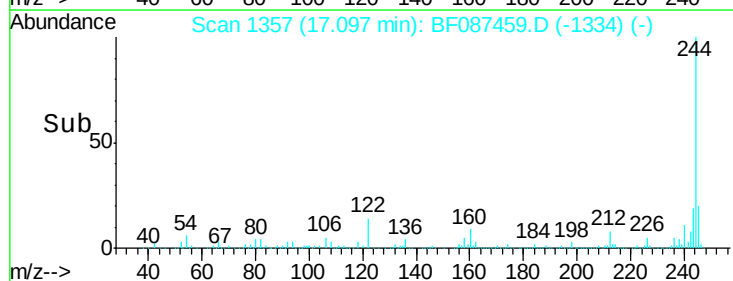
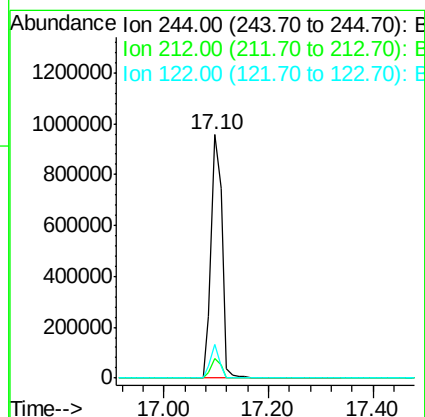
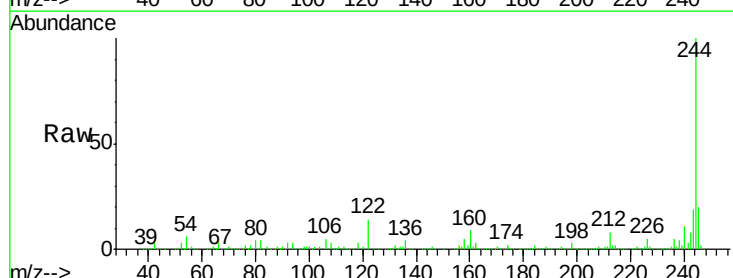
Instrument :
BNA_F
ClientSampleId :
MW-10

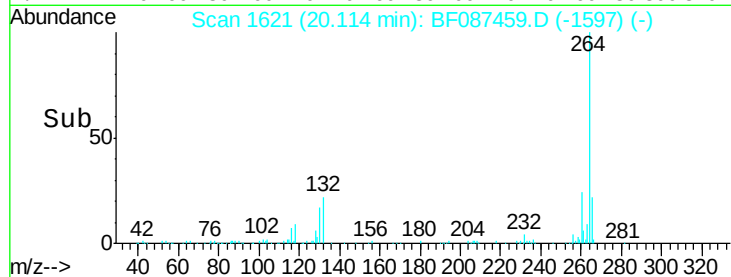
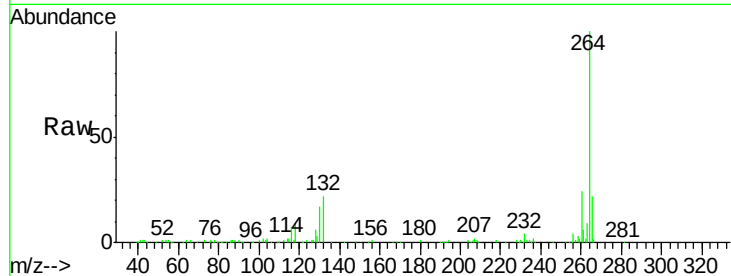
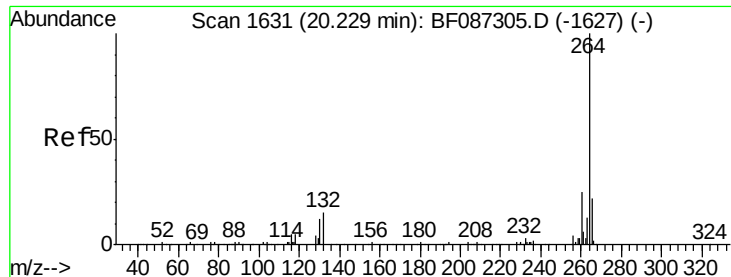
Tgt Ion:240 Resp: 372056
Ion Ratio Lower Upper
240 100
120 10.2 11.2 16.8#
236 25.8 21.2 31.8



#78
Terphenyl-d14
Concen: 79.11 ng
RT: 17.10 min Scan# 1357
Delta R.T. -0.03 min
Lab File: BF087459.D
Acq: 28 May 2016 00:20

Tgt Ion:244 Resp: 1384490
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 13.9 12.0 18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.11 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BF087459.D
Acq: 28 May 2016 00:20

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:	264	Resp:	270350
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.9	17.3	25.9

