

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087571.D
 Acq On : 31 May 2016 3:20
 Operator : UM/SJ
 Sample : H3249-08
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: May 31 03:48:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 00:45:12 2016
 Response via : Initial Calibration

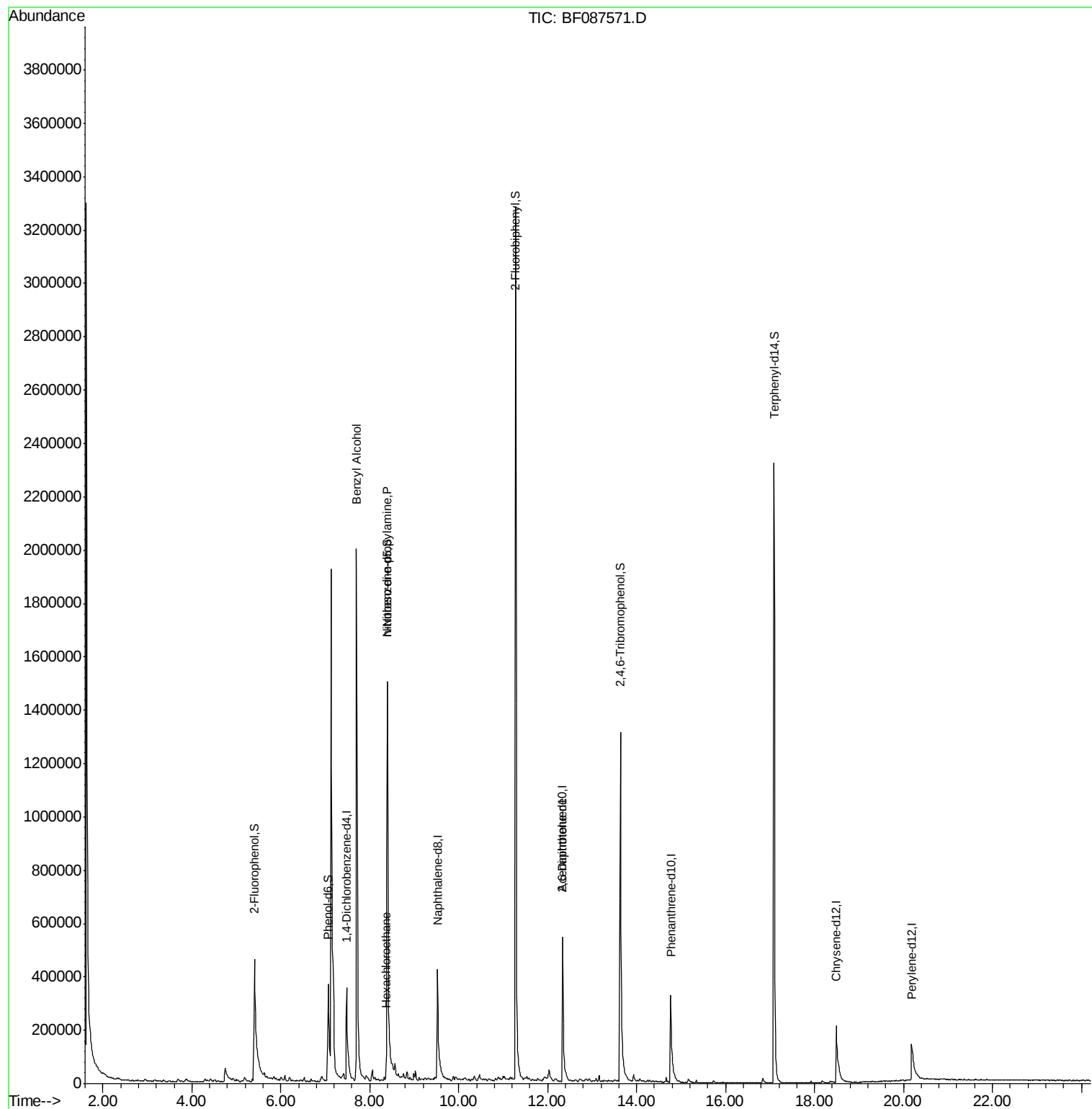
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	107022	20.00	ng	0.01
21) Naphthalene-d8	9.52	136	437812	20.00	ng	0.01
38) Acenaphthene-d10	12.33	164	206665	20.00	ng	0.00
63) Phenanthrene-d10	14.77	188	362564	20.00	ng	0.02
75) Chrysene-d12	18.49	240	239279	20.00	ng	0.05
86) Perylene-d12	20.18	264	193879	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	386420	63.44	ng	0.03
7) Phenol-d6	7.06	99	337525	41.01	ng	0.02
23) Nitrobenzene-d5	8.40	82	856575	98.60	ng	-0.01
41) 2,4,6-Tribromophenol	13.63	330	249676	125.72	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1328164	90.60	ng	-0.01
78) Terphenyl-d14	17.09	244	1068725	94.96	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.70	79	16858	2.81	ng	# 46
18) Hexachloroethane	8.38	117	41088	12.95	ng	# 6
19) n-Nitroso-di-n-propylamine	8.40	70	108832	17.73	ng	# 76
50) 2,6-Dinitrotoluene	12.33	165	21699	6.50	ng	# 21

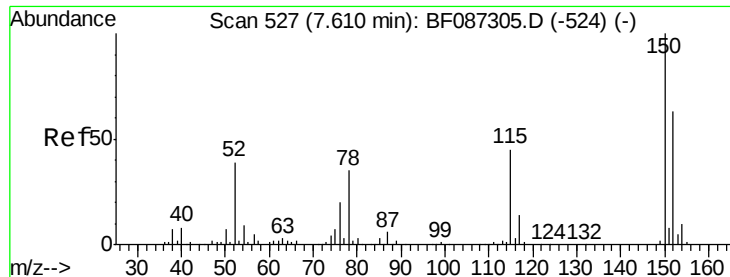
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 516

Delta R.T. 0.01 min

Lab File: BF087571.D

Acq: 31 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

MW-04

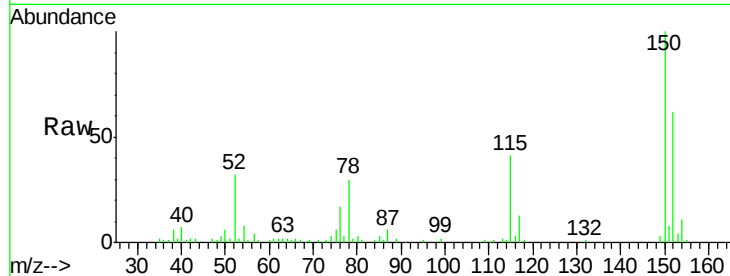
Tgt Ion:152 Resp: 107022

Ion Ratio Lower Upper

152 100

150 160.8 125.8 188.6

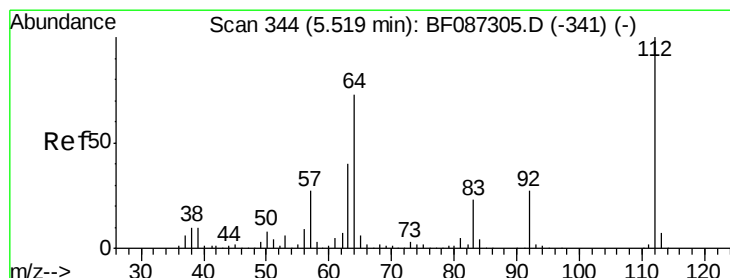
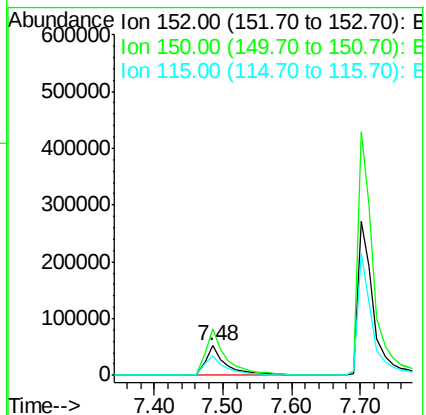
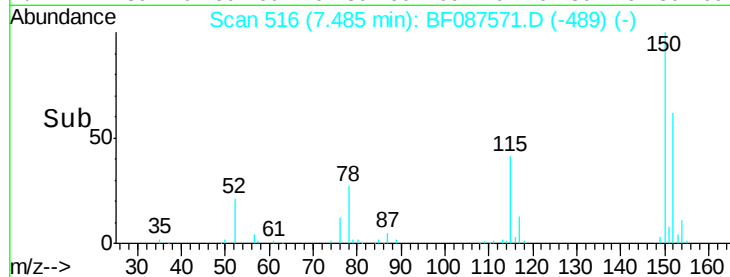
115 66.7 51.5 77.3



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: 63.44 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.03 min

Lab File: BF087571.D

Acq: 31 May 2016 3:20

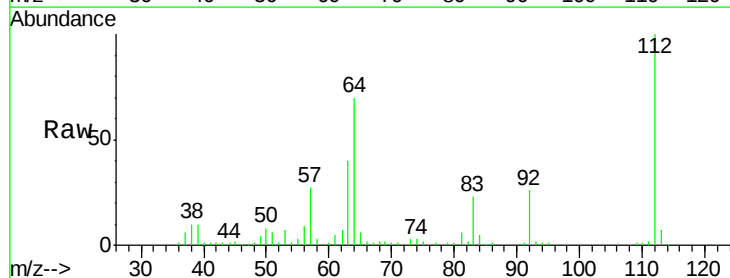
Tgt Ion:112 Resp: 386420

Ion Ratio Lower Upper

112 100

64 69.5 52.1 78.1

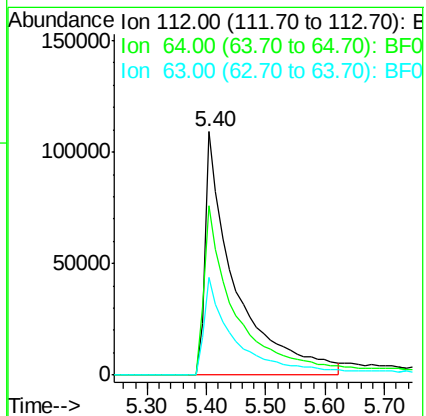
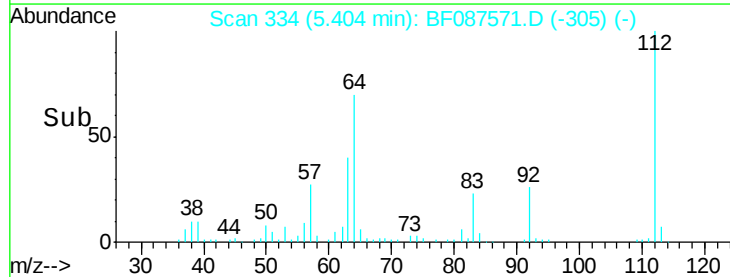
63 39.9 25.7 38.5#

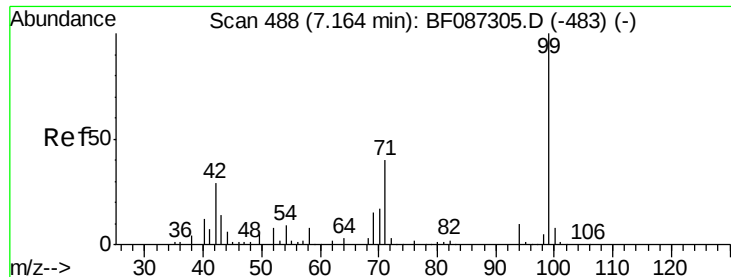


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.01 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.02 min

Lab File: BF087571.D

Acq: 31 May 2016 3:20

Instrument :

BNA_F

ClientSampled :

MW-04

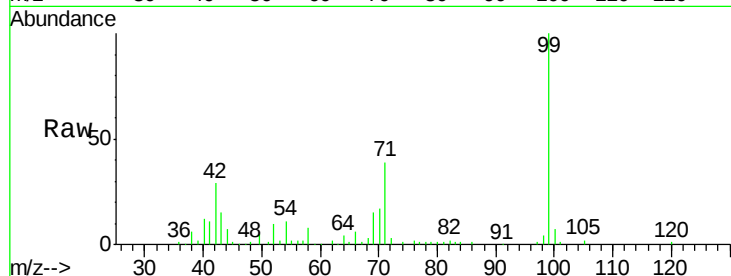
Tgt Ion: 99 Resp: 337525

Ion Ratio Lower Upper

99 100

42 29.5 13.6 20.4#

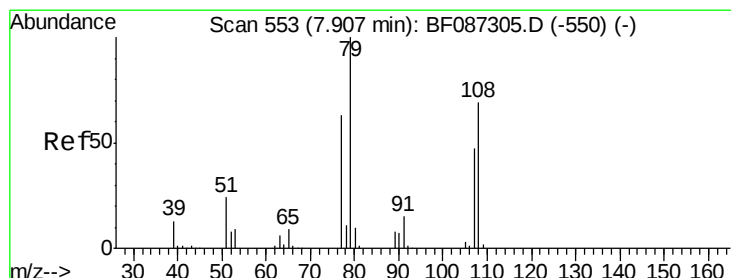
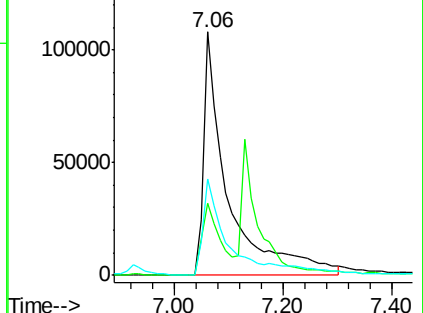
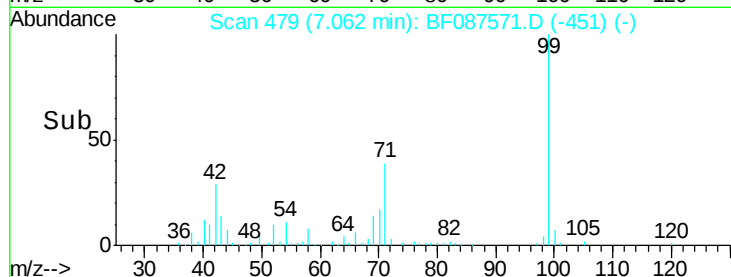
71 39.4 24.6 36.8#



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: 2.81 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.08 min

Lab File: BF087571.D

Acq: 31 May 2016 3:20

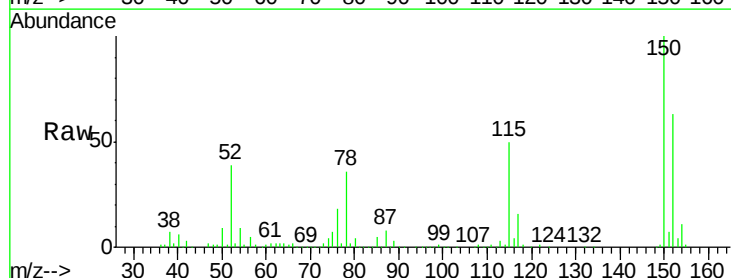
Tgt Ion: 79 Resp: 16858

Ion Ratio Lower Upper

79 100

108 31.5 68.4 102.6#

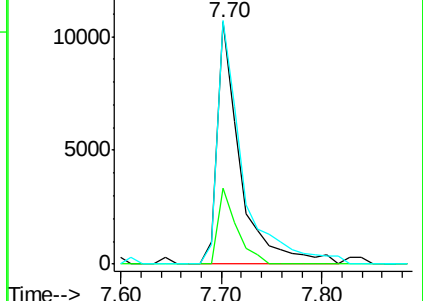
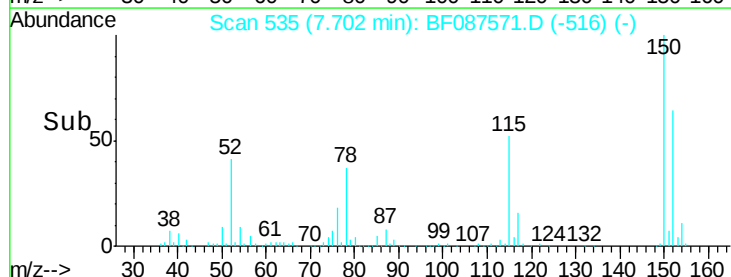
77 100.6 50.6 76.0#

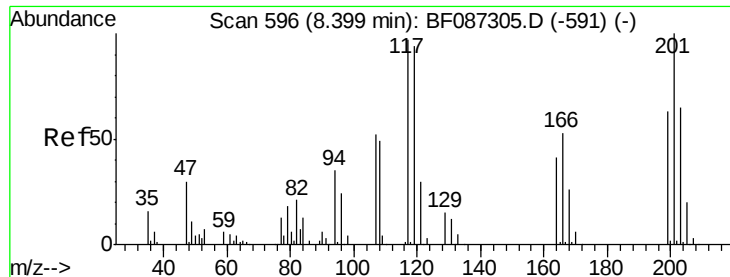


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

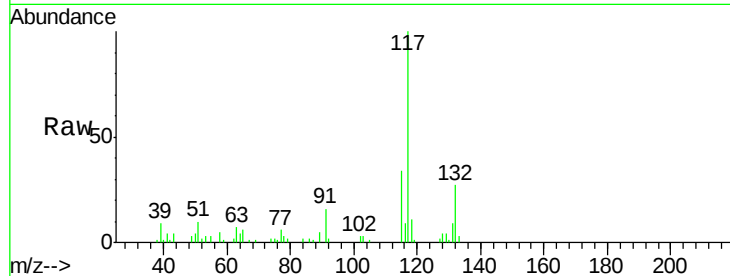




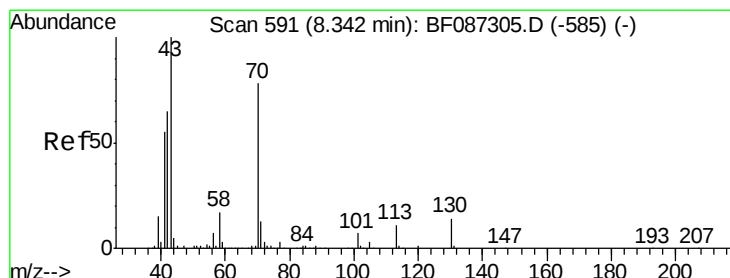
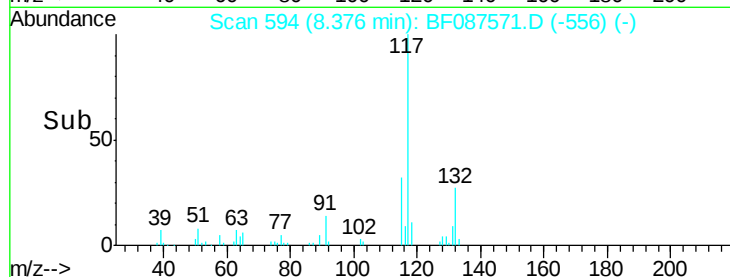
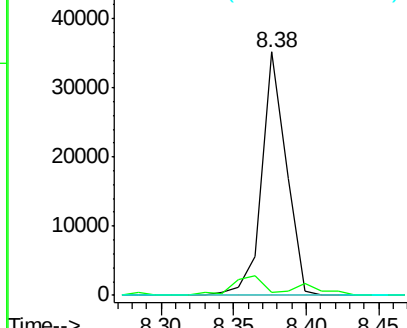
#18
Hexachloroethane
Concen: 12.95 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.14 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:117 Resp: 41088
Ion Ratio Lower Upper
117 100
119 1.4 76.5 114.7#
201 0.0 63.0 94.6#

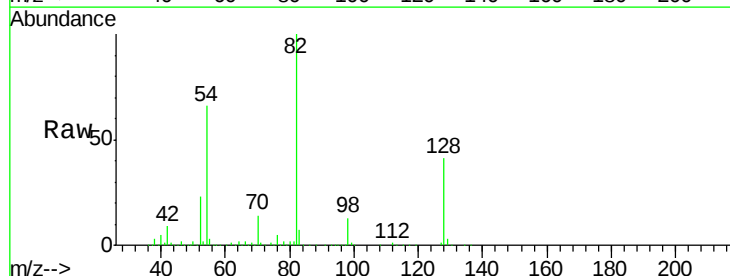


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

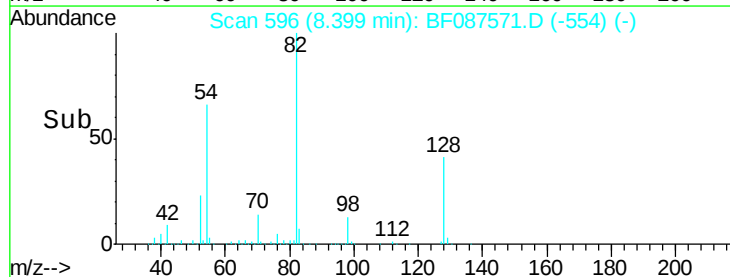
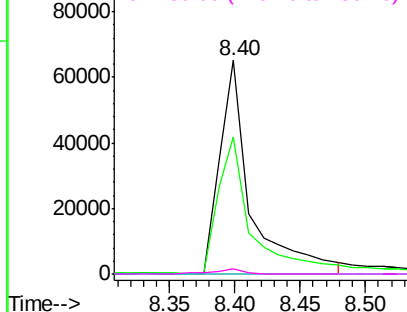


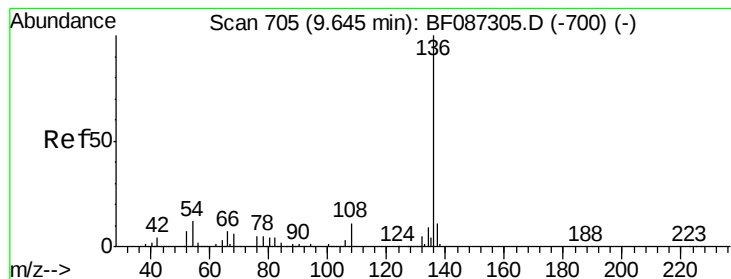
#19
n-Nitroso-di-n-propylamine
Concen: 17.73 ng
RT: 8.40 min Scan# 596
Delta R.T. 0.18 min
Lab File: BF087571.D
Acq: 31 May 2016 3:20

Tgt Ion: 70 Resp: 108832
Ion Ratio Lower Upper
70 100
42 64.1 43.1 64.7
101 0.0 8.1 12.1#
130 2.2 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: 9.52 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF087571.D

Acq: 31 May 2016 3:20

Instrument :

BNA_F

ClientSampled :

MW-04

Tgt Ion:136 Resp: 437812

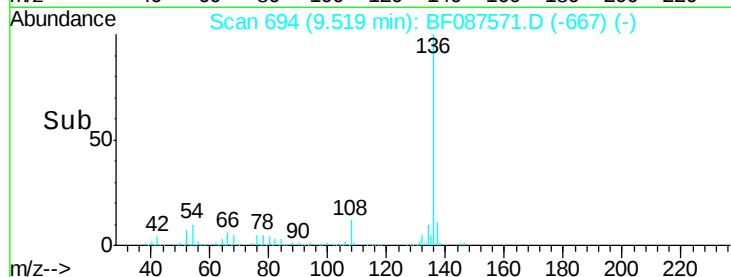
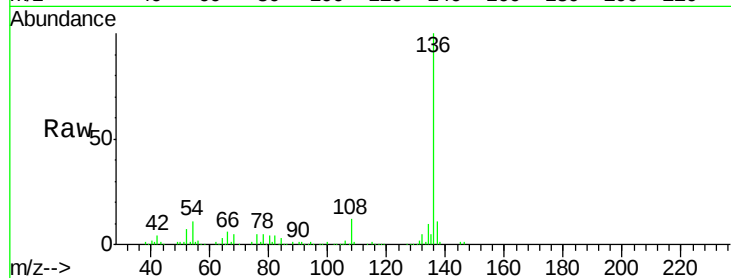
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.6 5.0 7.4#

68 5.2 4.4 6.6

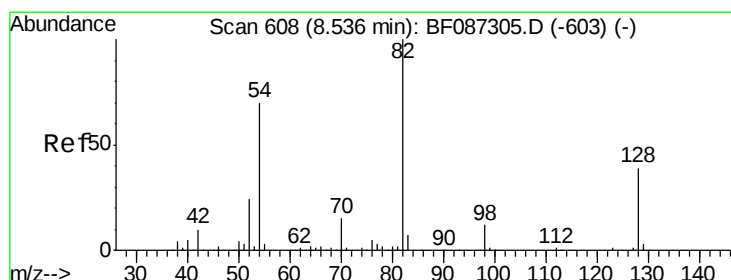
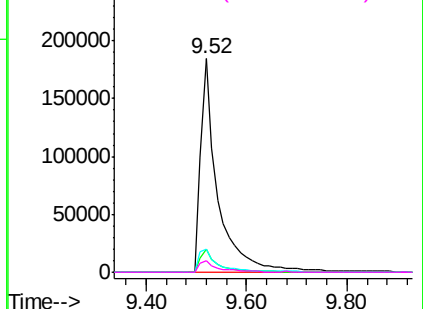


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.60 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF087571.D

Acq: 31 May 2016 3:20

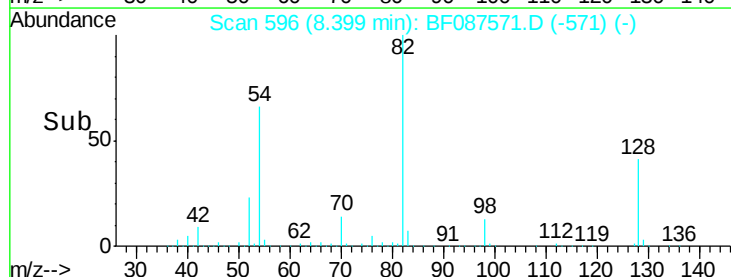
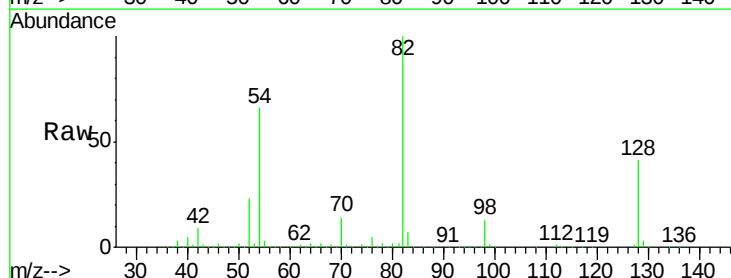
Tgt Ion: 82 Resp: 856575

Ion Ratio Lower Upper

82 100

128 41.0 40.6 61.0

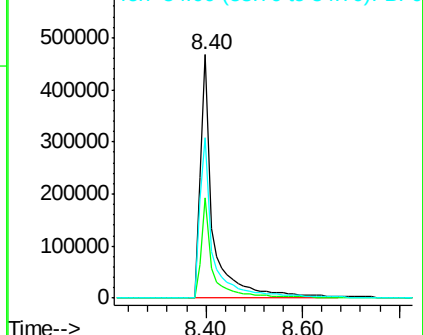
54 65.9 38.1 57.1#

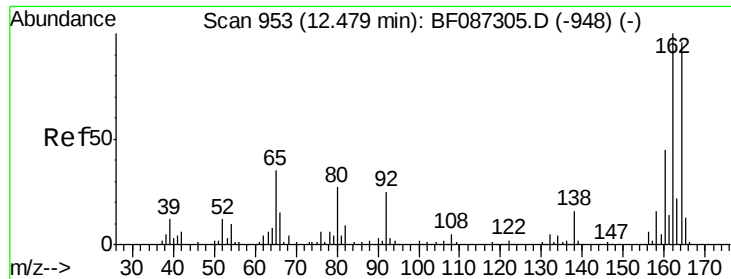


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.33 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF087571.D

Acq: 31 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

MW-04

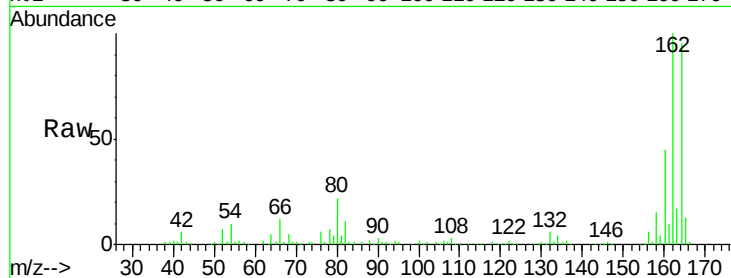
Tgt Ion:164 Resp: 206665

Ion Ratio Lower Upper

164 100

162 105.8 82.8 124.2

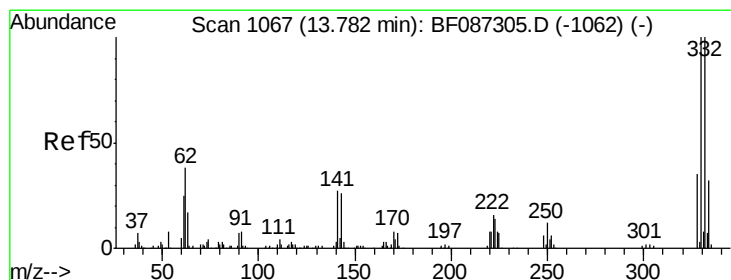
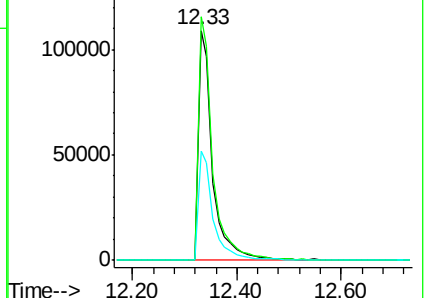
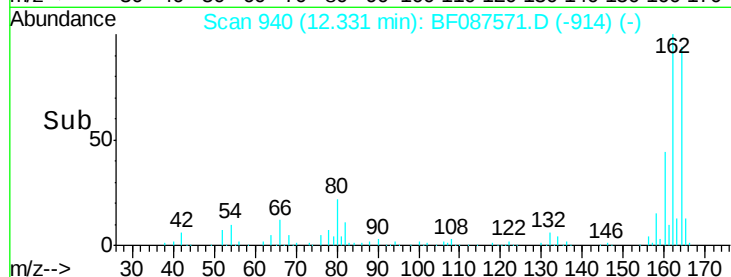
160 47.5 36.9 55.3



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: 125.72 ng

RT: 13.63 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF087571.D

Acq: 31 May 2016 3:20

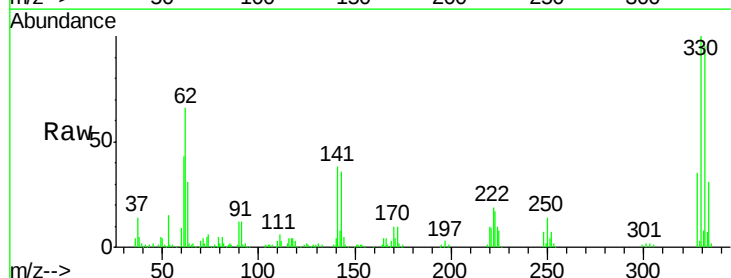
Tgt Ion:330 Resp: 249676

Ion Ratio Lower Upper

330 100

332 95.2 79.0 118.4

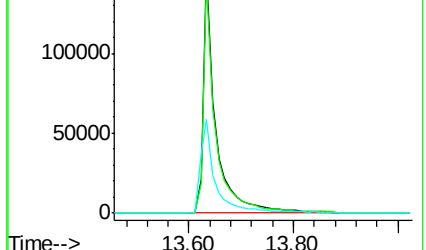
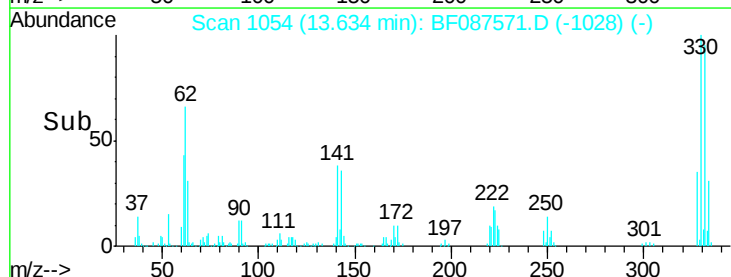
141 47.1 31.2 46.8#

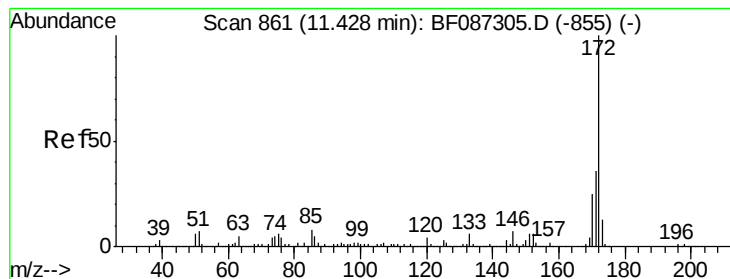


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 90.60 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF087571.D

Acq: 31 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

MW-04

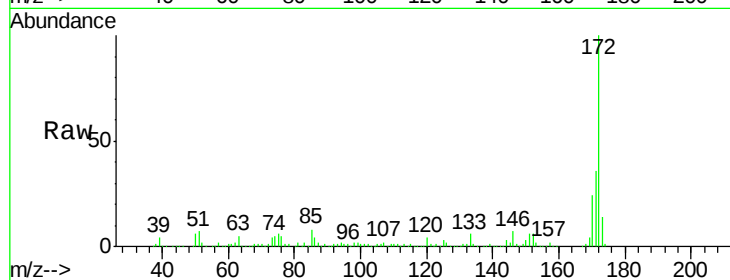
Tgt Ion:172 Resp: 1328164

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

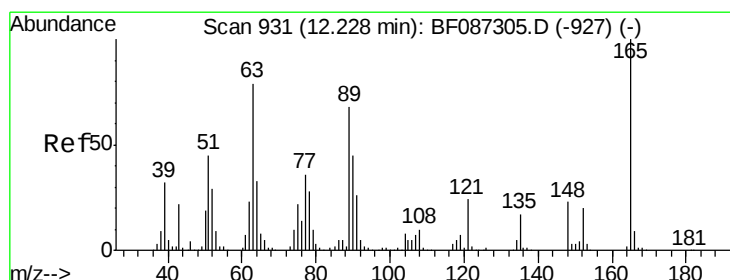
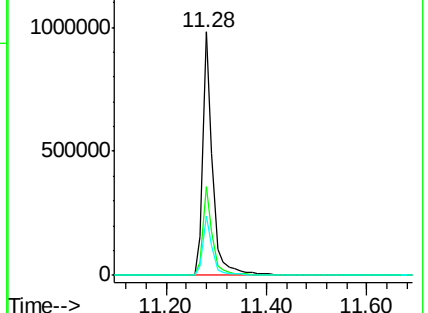
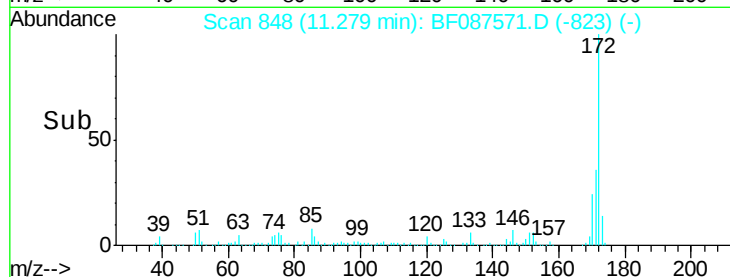
170 24.5 19.8 29.8



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



#50

2,6-Dinitrotoluene

Concen: 6.50 ng

RT: 12.33 min Scan# 940

Delta R.T. 0.23 min

Lab File: BF087571.D

Acq: 31 May 2016 3:20

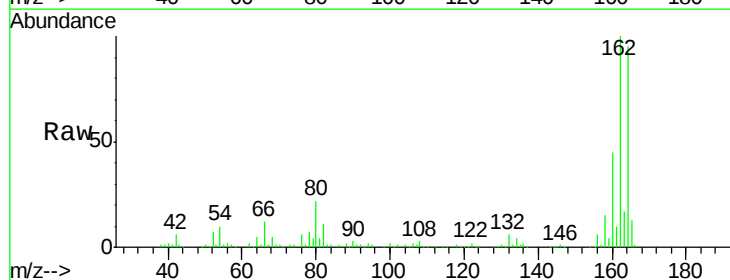
Tgt Ion:165 Resp: 21699

Ion Ratio Lower Upper

165 100

63 2.3 51.8 77.8#

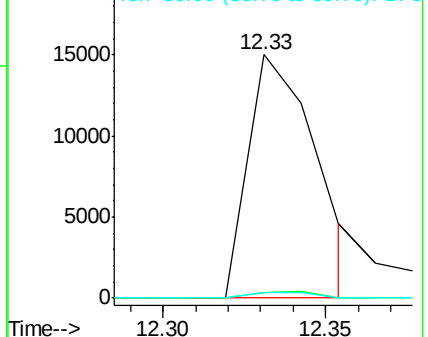
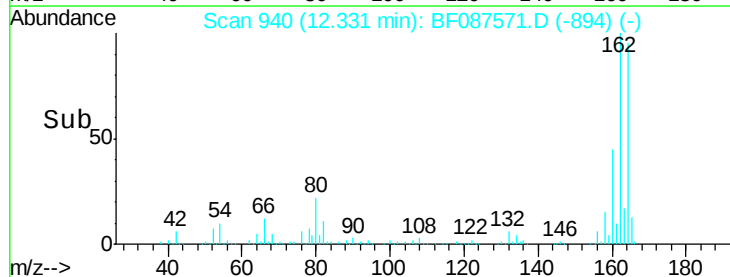
89 2.1 50.7 76.1#

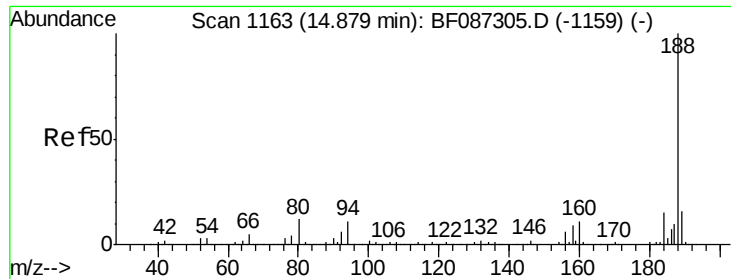


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

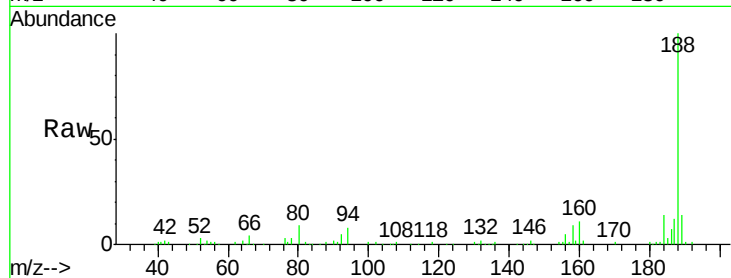




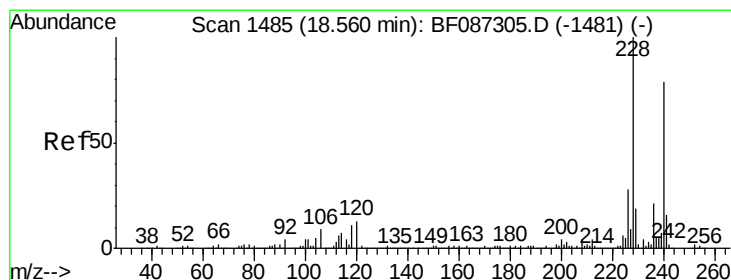
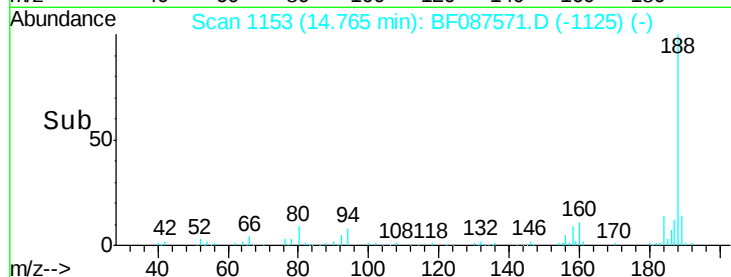
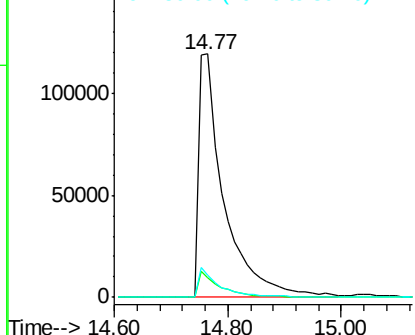
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.02 min
 Lab File: BF087571.D
 Acq: 31 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tgt Ion:188 Resp: 362564
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.8 10.2
 80 8.9 7.1 10.7

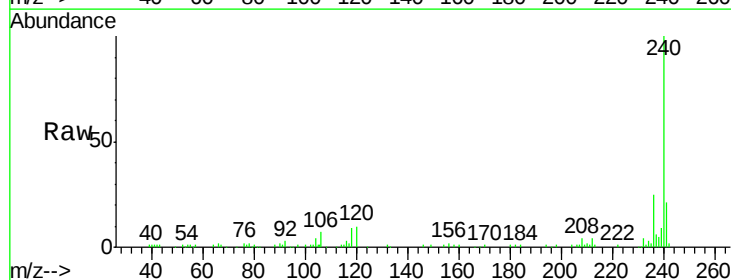


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

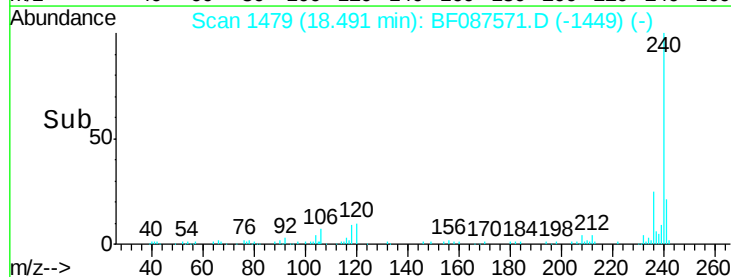
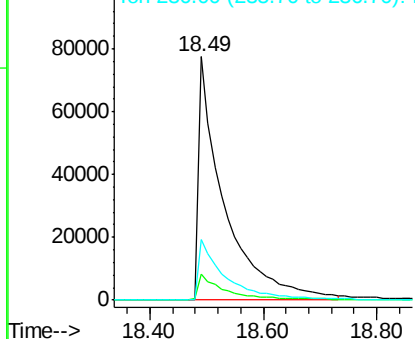


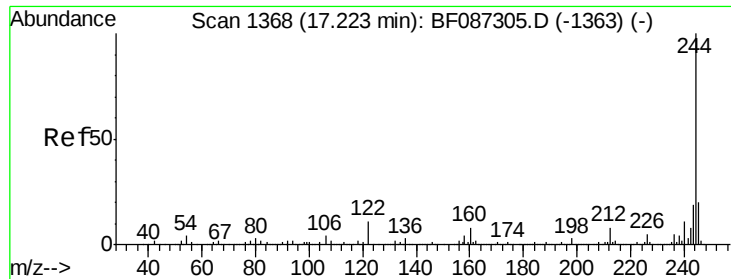
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. 0.05 min
 Lab File: BF087571.D
 Acq: 31 May 2016 3:20

Tgt Ion:240 Resp: 239279
 Ion Ratio Lower Upper
 240 100
 120 10.4 11.2 16.8#
 236 24.9 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: 94.96 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087571.D

Acq: 31 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

MW-04

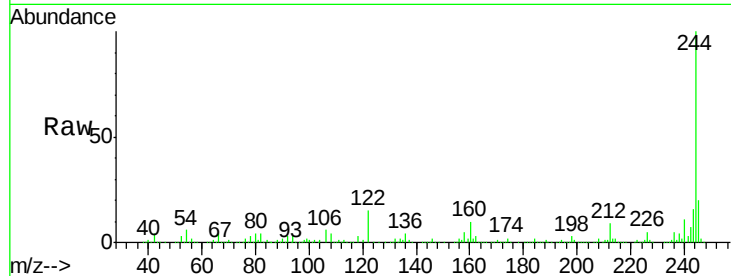
Tgt Ion:244 Resp: 1068725

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.2

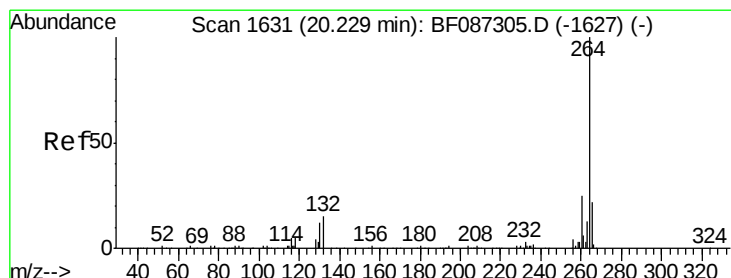
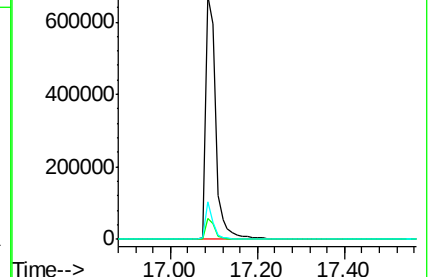
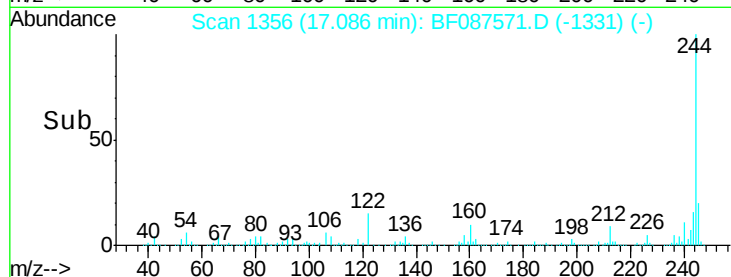
122 15.3 12.0 18.0



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: 20.18 min Scan# 1627

Delta R.T. 0.06 min

Lab File: BF087571.D

Acq: 31 May 2016 3:20

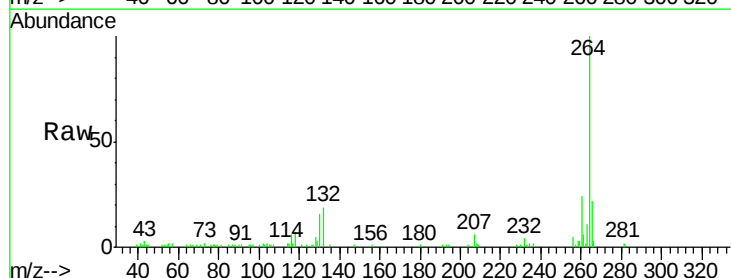
Tgt Ion:264 Resp: 193879

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 22.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

