

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087557.D
 Acq On : 30 May 2016 18:47
 Operator : UM/SJ
 Sample : H3317-12
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: May 31 00:41:57 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

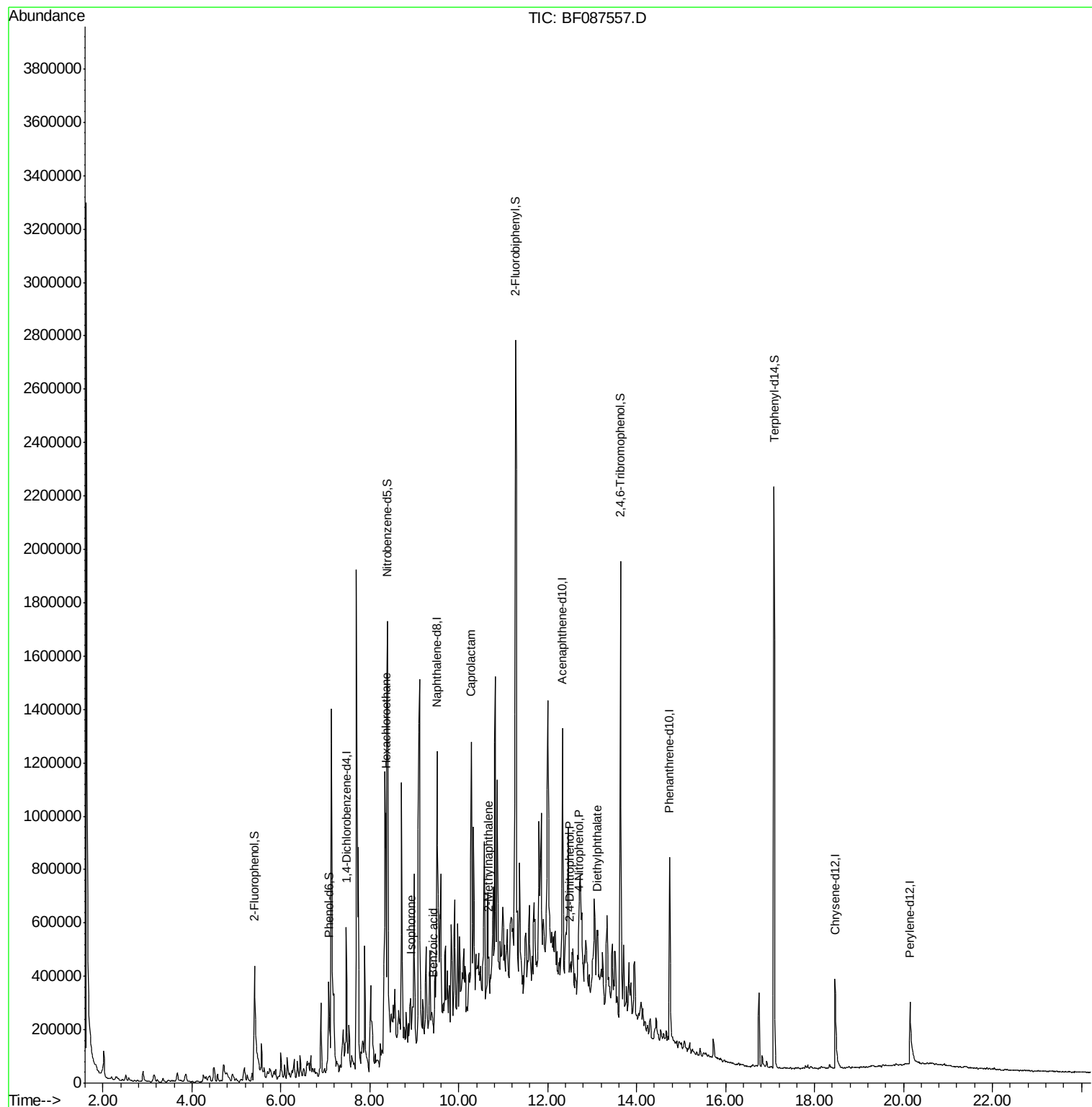
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	99480	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	395103	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	216123	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	334481	20.00	ng	-0.03
75) Chrysene-d12	18.46	240	249111	20.00	ng	-0.02
86) Perylene-d12	20.15	264	201905	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	304999	53.87	ng	-0.01
7) Phenol-d6	7.07	99	285195	37.28	ng	0.00
23) Nitrobenzene-d5	8.40	82	712374	90.87	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	237689	114.44	ng	-0.05
44) 2-Fluorobiphenyl	11.28	172	1138660	74.28	ng	-0.06
78) Terphenyl-d14	17.09	244	903096	77.07	ng	-0.05
Target Compounds						
18) Hexachloroethane	8.36	117	476007	161.40	ng	# 8
25) Isophorone	8.92	82	35568	2.53	ng	# 44
32) Benzoic acid	9.42	122	2442	6.53	ng	# 1
35) Caprolactam	10.28	113	18804	12.17	ng	# 1
37) 2-Methylnaphthalene	10.67	142	57888	4.68	ng	# 93
53) 2,4-Dinitrophenol	12.50	184	2299	7.73	ng	# 1
55) 4-Nitrophenol	12.70	139	16226	9.50	ng	# 78
59) Diethylphthalate	13.12	149	39817	2.37	ng	# 59

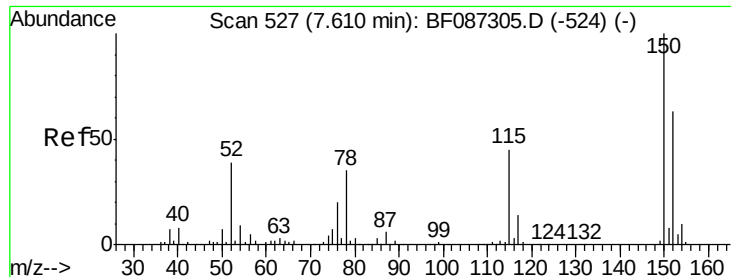
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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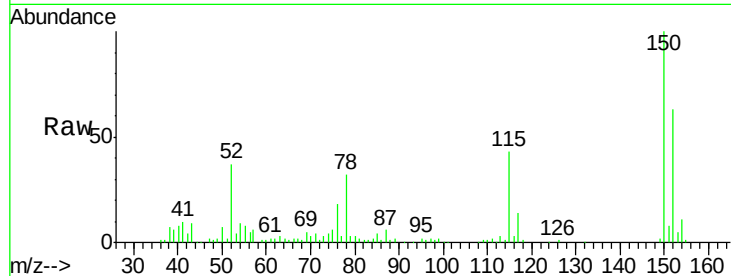


#1

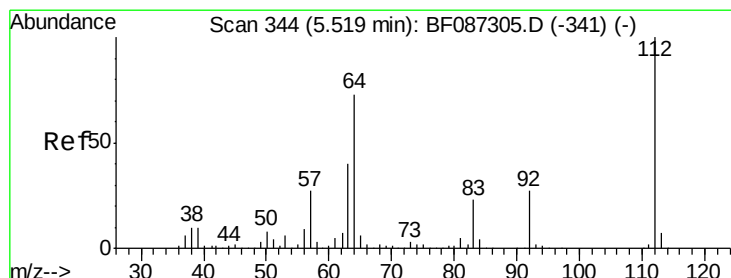
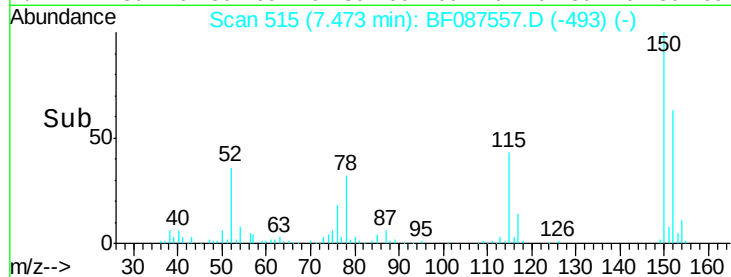
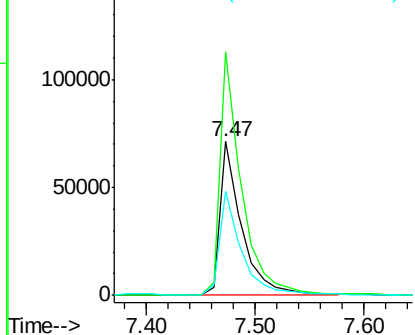
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.05 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:152 Resp: 99480
Ion Ratio Lower Upper
152 100
150 158.4 125.8 188.6
115 68.0 51.5 77.3



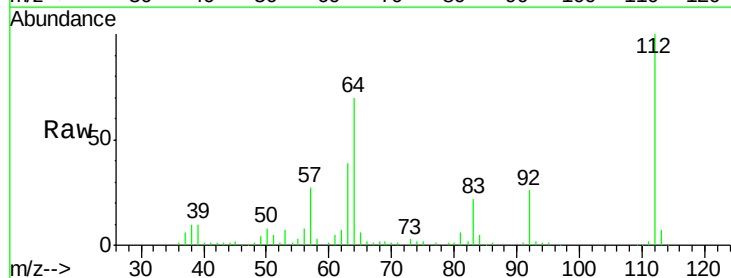
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



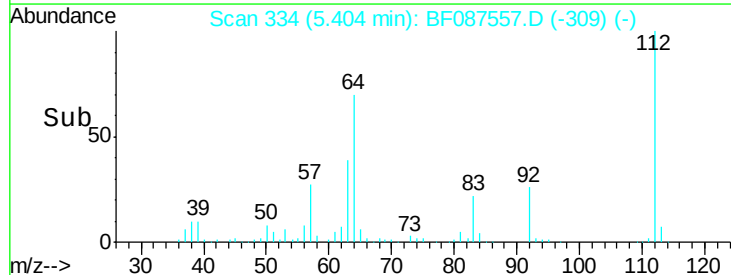
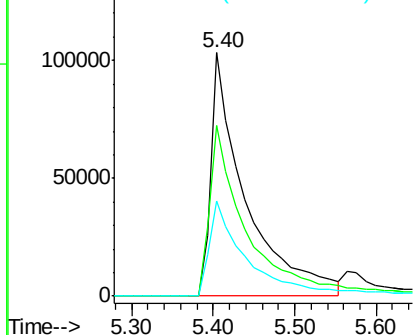
#5

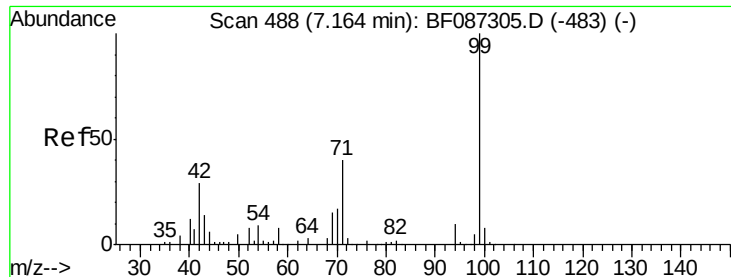
2-Fluorophenol
Concen: 53.87 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.01 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Tgt Ion:112 Resp: 304999
Ion Ratio Lower Upper
112 100
64 70.0 52.1 78.1
63 39.3 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: 37.28 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF087557.D

Acq: 30 May 2016 18:47

Instrument :

BNA_F

ClientSampleId :

MW-03

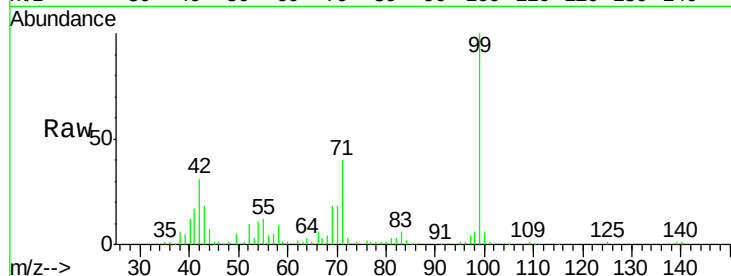
Tgt Ion: 99 Resp: 285195

Ion Ratio Lower Upper

99 100

42 30.7 13.6 20.4#

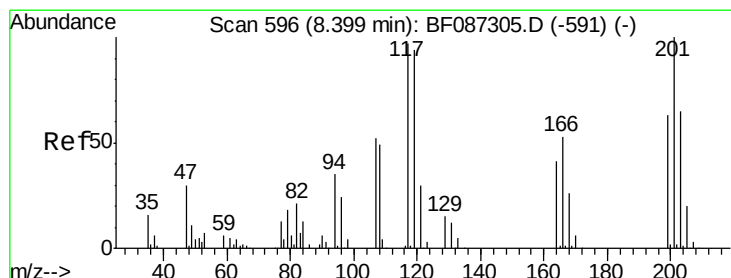
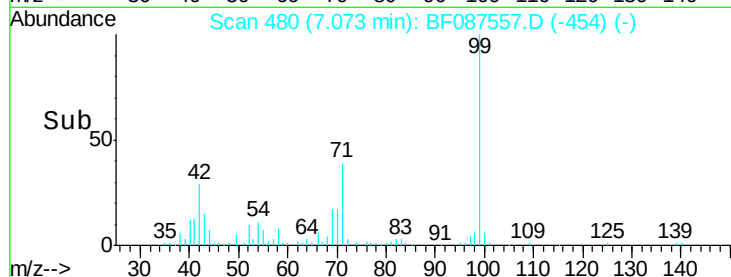
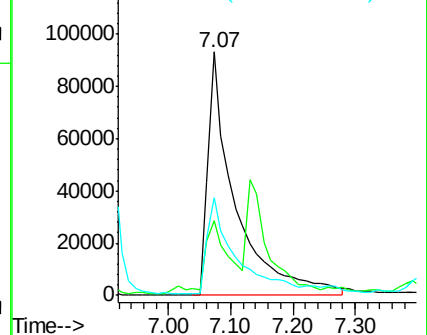
71 40.1 24.6 36.8#



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



#18

Hexachloroethane

Concen: 161.40 ng

RT: 8.36 min Scan# 593

Delta R.T. 0.07 min

Lab File: BF087557.D

Acq: 30 May 2016 18:47

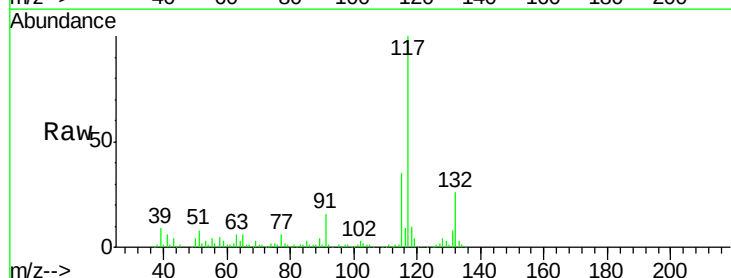
Tgt Ion: 117 Resp: 476007

Ion Ratio Lower Upper

117 100

119 4.0 76.5 114.7#

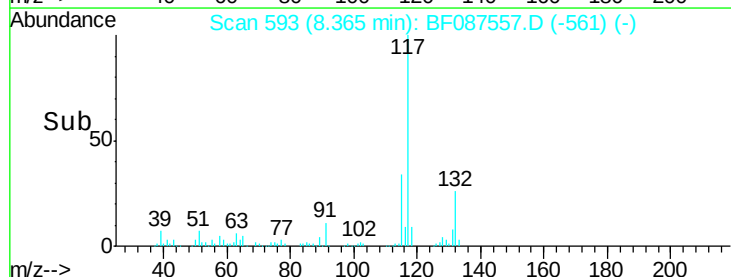
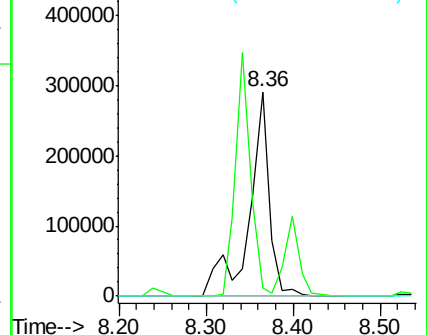
201 0.0 63.0 94.6#

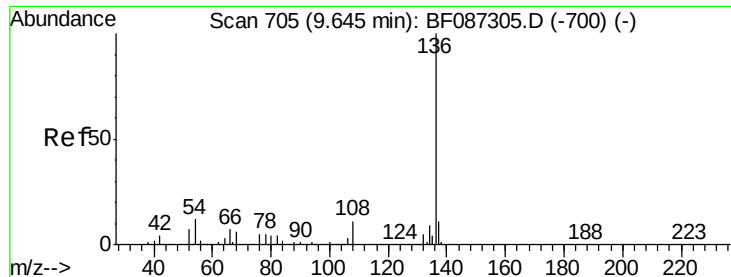


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF087557.D

Acq: 30 May 2016 18:47

Instrument :

BNA_F

ClientSampleId :

MW-03

Tgt Ion:136 Resp: 395103

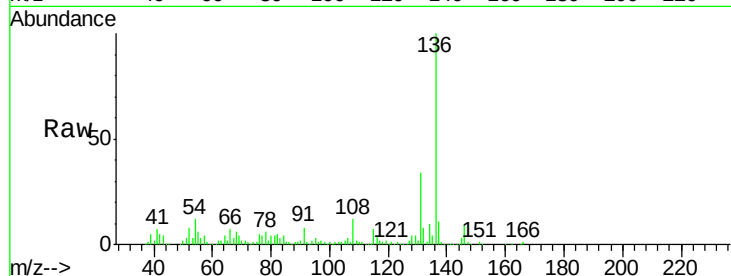
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 11.5 5.0 7.4#

68 5.9 4.4 6.6

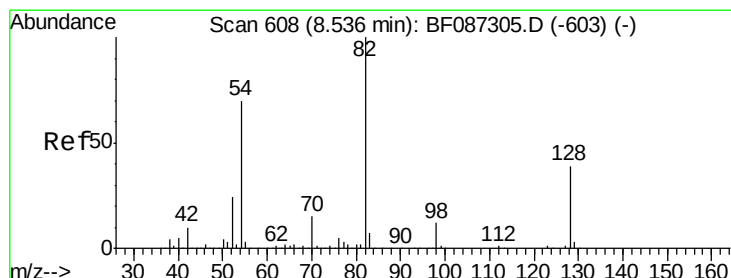
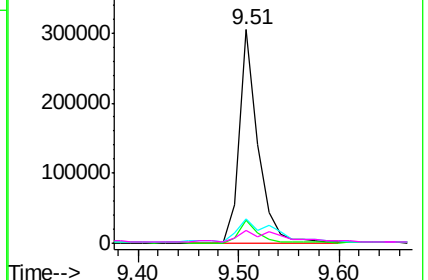
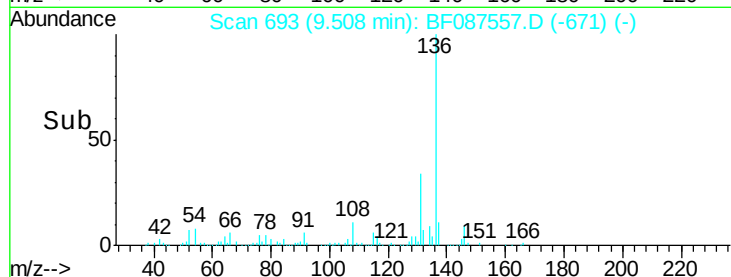


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.87 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF087557.D

Acq: 30 May 2016 18:47

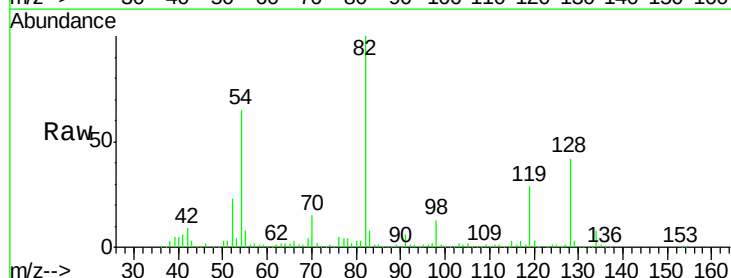
Tgt Ion: 82 Resp: 712374

Ion Ratio Lower Upper

82 100

128 42.4 40.6 61.0

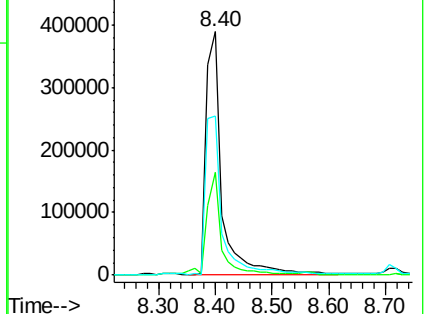
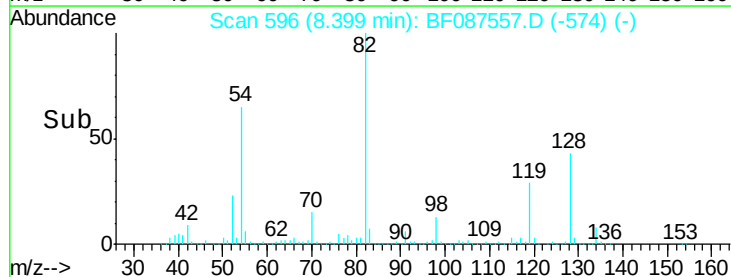
54 65.4 38.1 57.1#

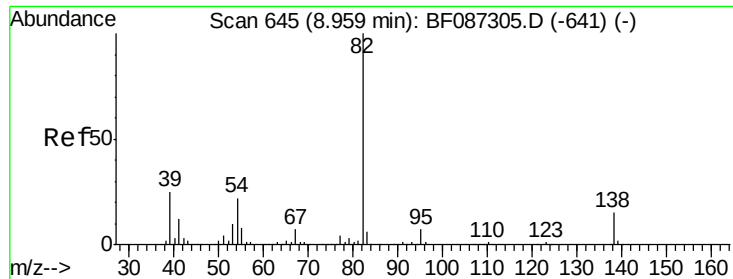


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 2.53 ng

RT: 8.92 min Scan# 642

Delta R.T. 0.05 min

Lab File: BF087557.D

Acq: 30 May 2016 18:47

Instrument :

BNA_F

ClientSampleId :

MW-03

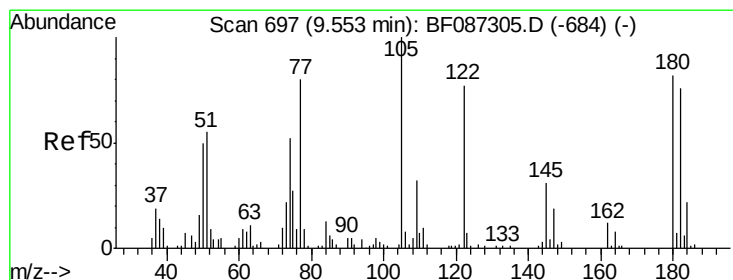
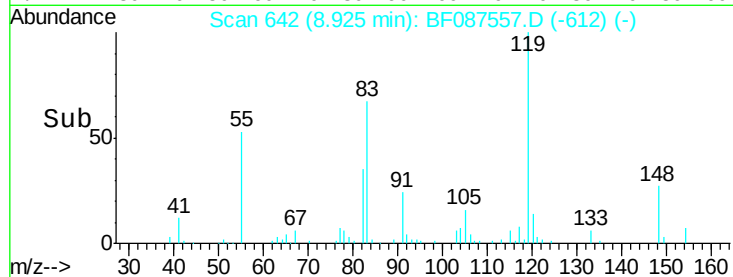
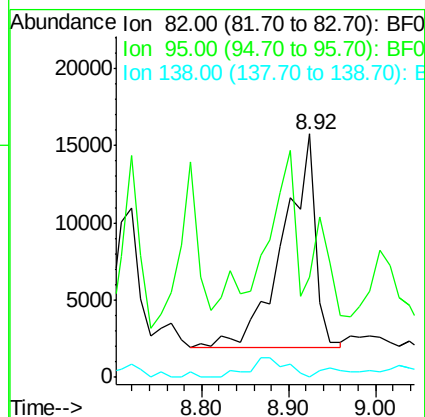
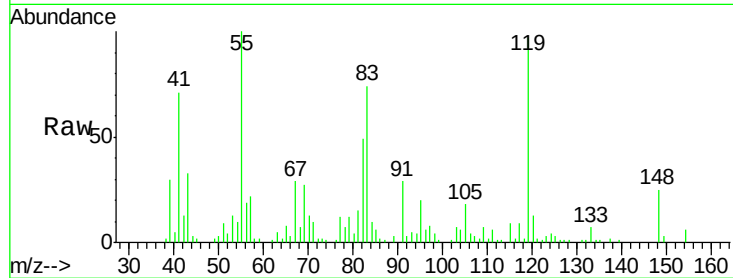
Tgt Ion: 82 Resp: 35568

Ion Ratio Lower Upper

82 100

95 41.1 5.1 7.7#

138 0.0 12.4 18.6#



#32

Benzoic acid

Concen: 6.53 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF087557.D

Acq: 30 May 2016 18:47

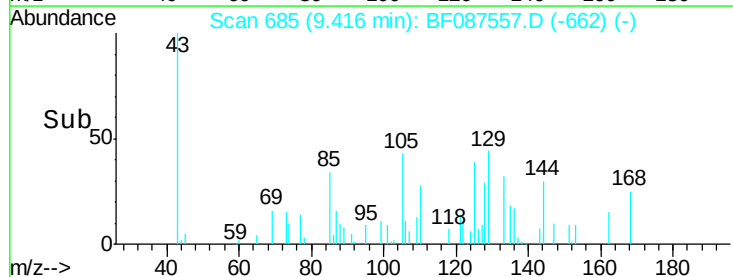
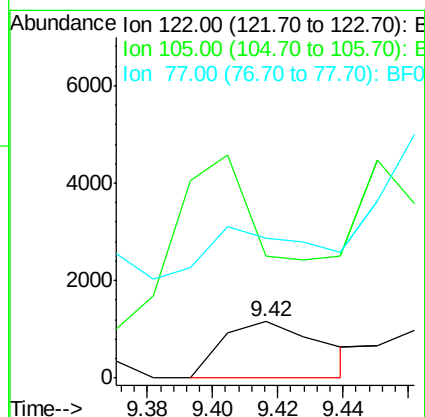
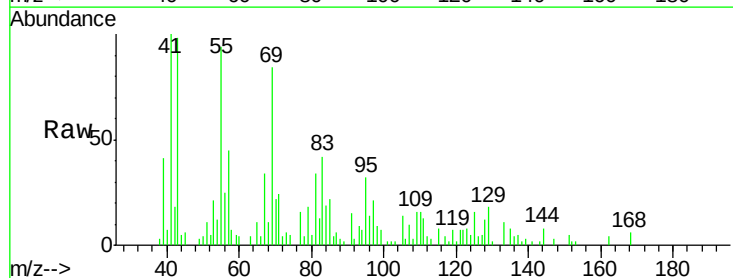
Tgt Ion: 122 Resp: 2442

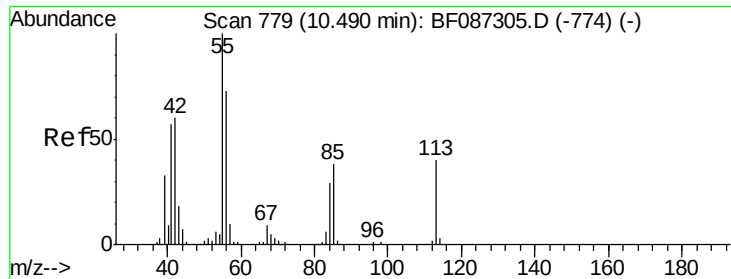
Ion Ratio Lower Upper

122 100

105 216.3 92.6 132.6#

77 247.5 60.0 100.0#





#35

Caprolactam

Concen: 12.17 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.10 min

Lab File: BF087557.D

Acq: 30 May 2016 18:47

Instrument :

BNA_F

ClientSampleId :

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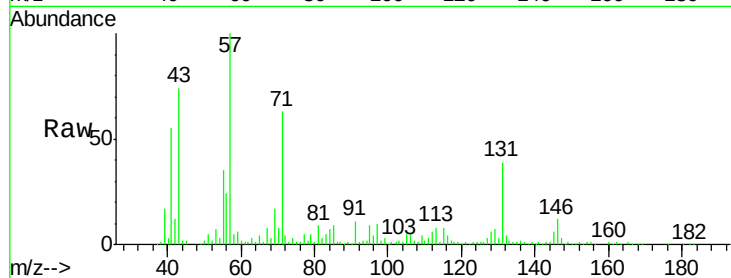
Tgt Ion:113 Resp: 18804

Ion Ratio Lower Upper

113 100

55 451.2 162.0 202.0#

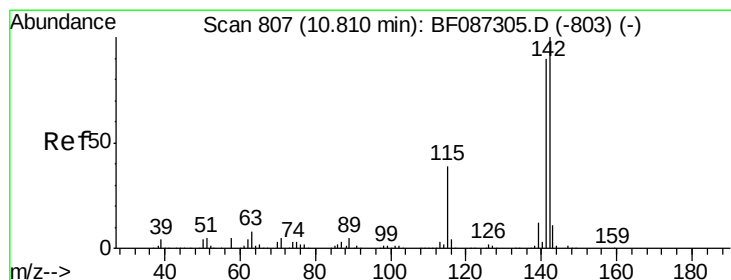
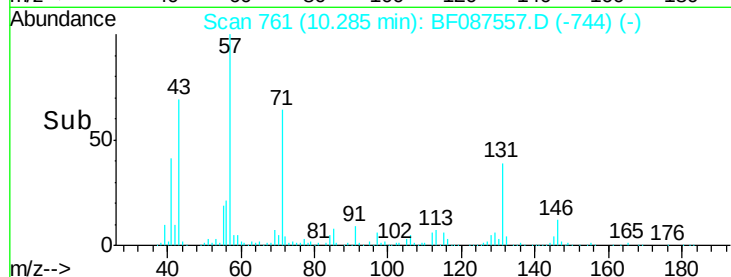
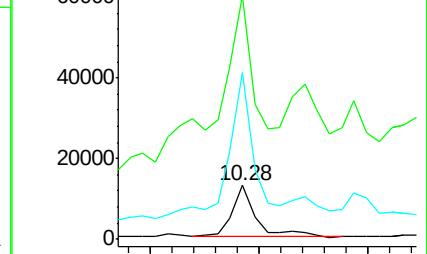
56 310.2 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#37

2-Methylnaphthalene

Concen: 4.68 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.05 min

Lab File: BF087557.D

Acq: 30 May 2016 18:47

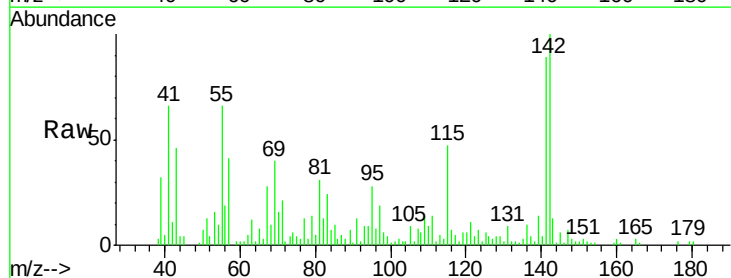
Tgt Ion:142 Resp: 57888

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6

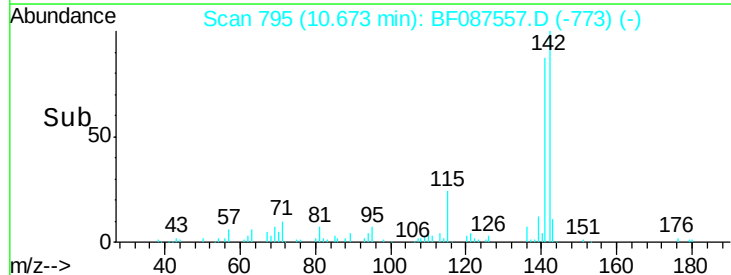
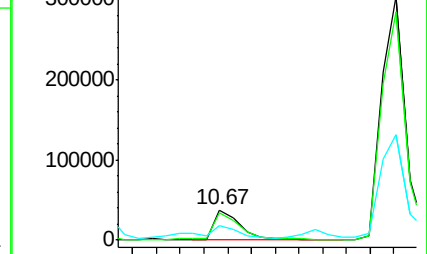
115 46.6 26.6 39.8#

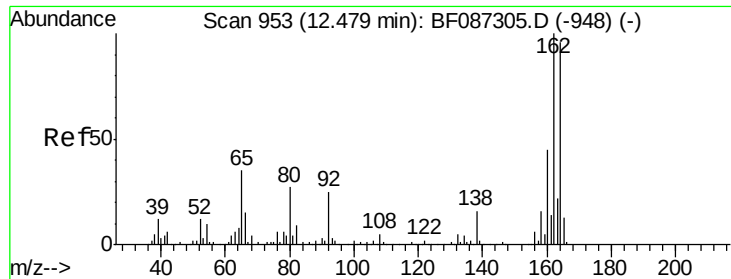


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.06 min

Lab File: BF087557.D

Acq: 30 May 2016 18:47

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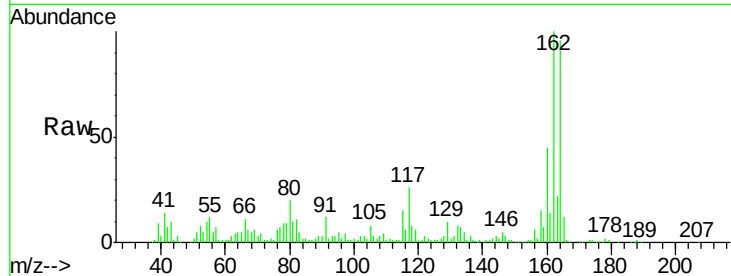
Tgt Ion:164 Resp: 216123

Ion Ratio Lower Upper

164 100

162 104.7 82.8 124.2

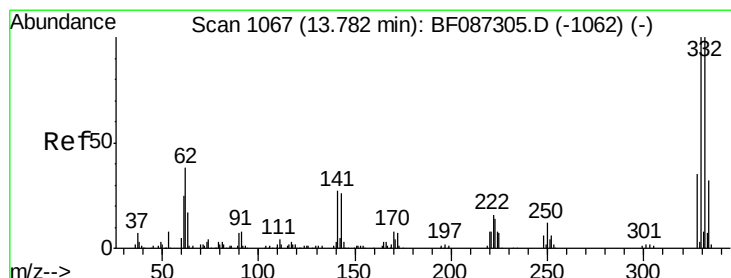
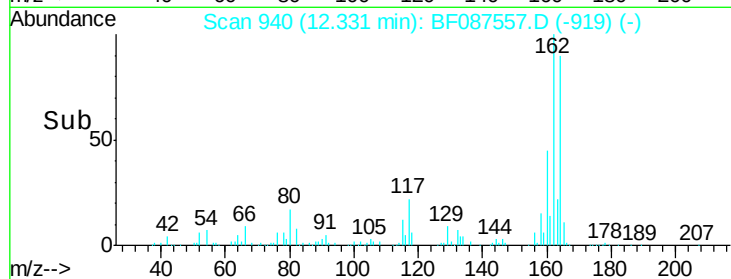
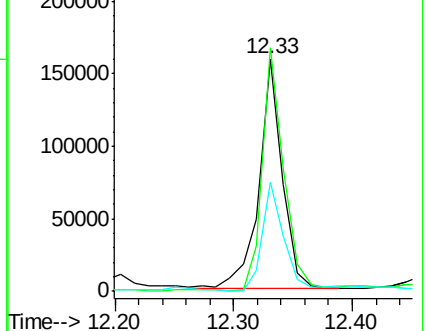
160 46.9 36.9 55.3



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: 114.44 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.05 min

Lab File: BF087557.D

Acq: 30 May 2016 18:47

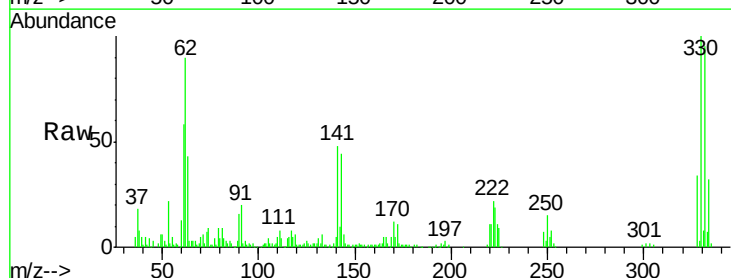
Tgt Ion:330 Resp: 237689

Ion Ratio Lower Upper

330 100

332 95.2 79.0 118.4

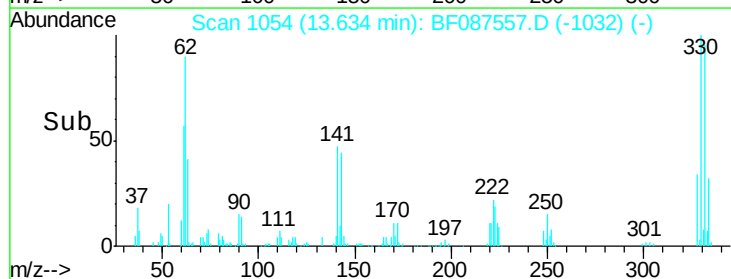
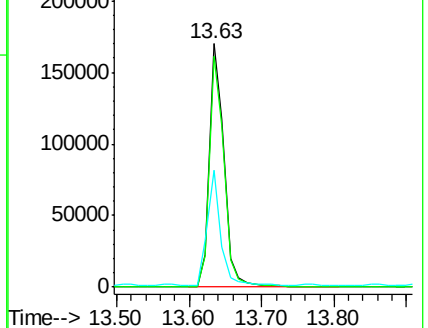
141 44.1 31.2 46.8

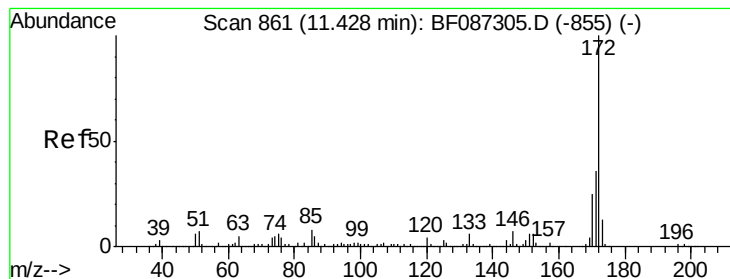


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 74.28 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.06 min

Lab File: BF087557.D

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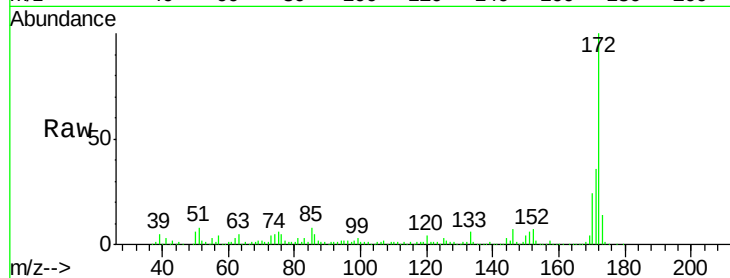
Tgt Ion:172 Resp: 1138660

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

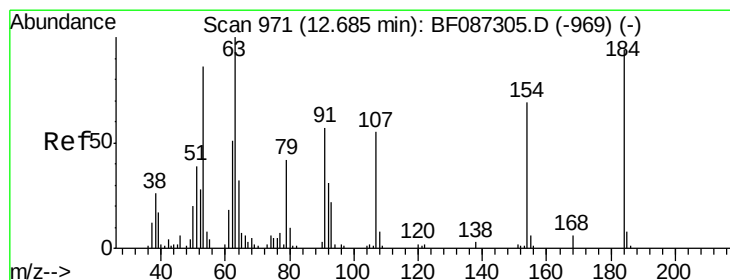
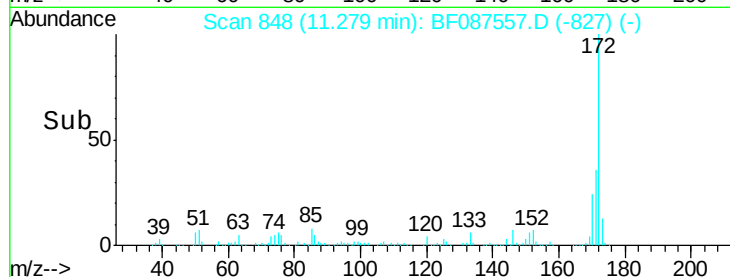
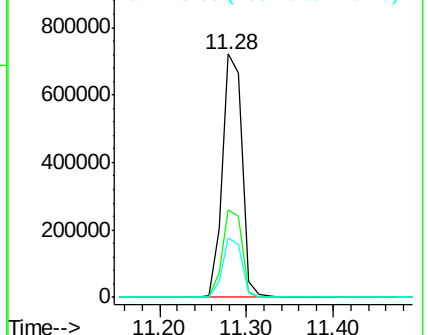
170 24.2 19.8 29.8



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



#53

2,4-Dinitrophenol

Concen: 7.73 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.09 min

Lab File: BF087557.D

Acq: 30 May 2016 18:47

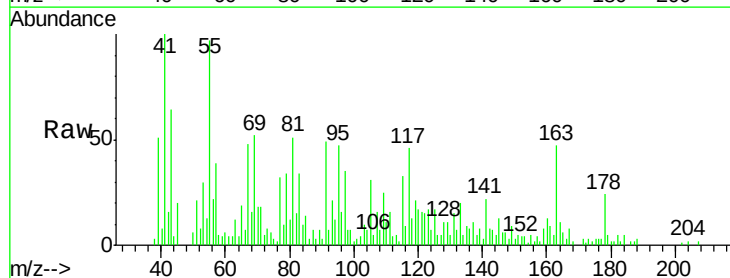
Tgt Ion:184 Resp: 2299

Ion Ratio Lower Upper

184 100

63 220.5 55.8 83.8#

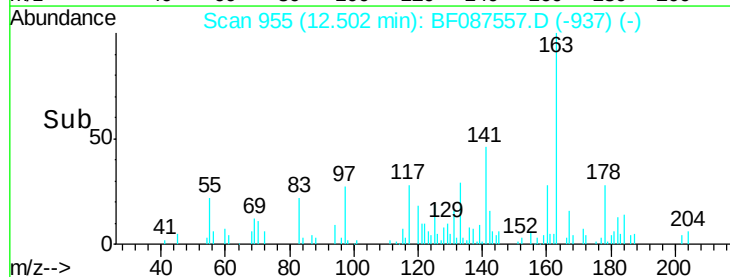
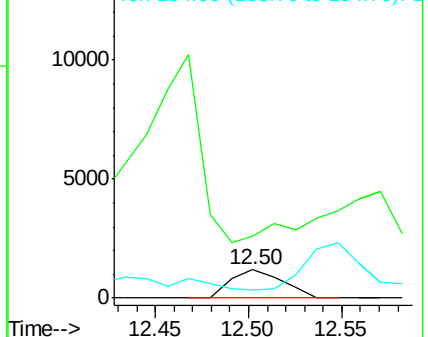
154 28.5 62.4 93.6#

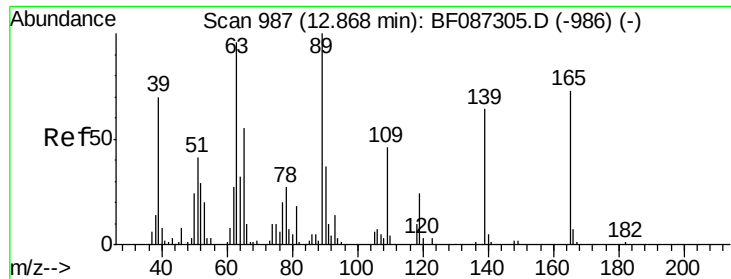


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

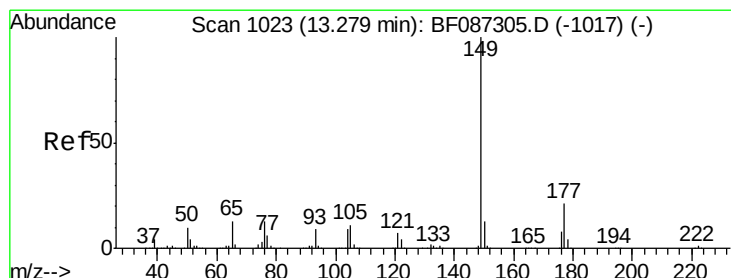
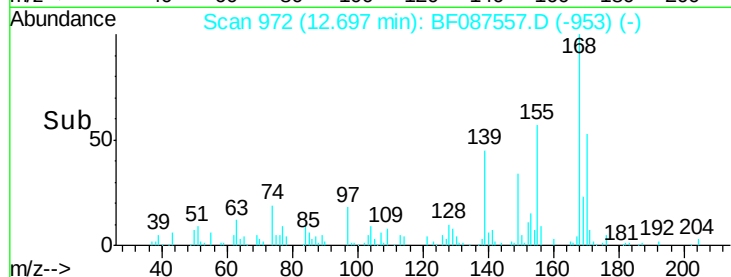
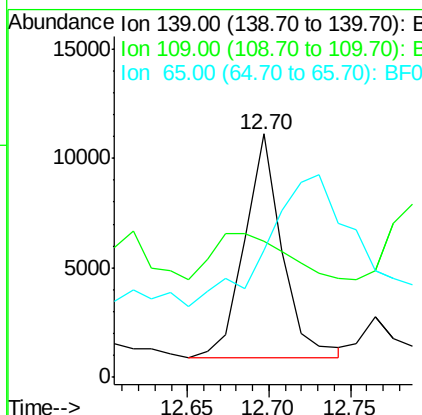
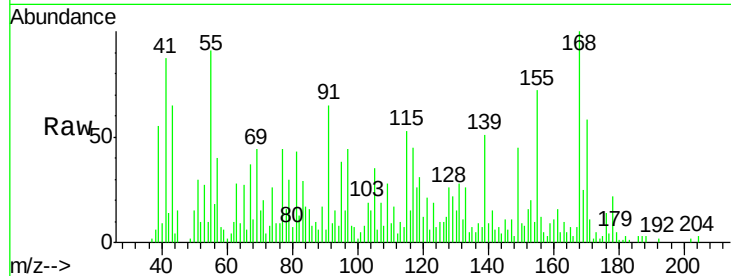




#55
4-Nitrophenol
Concen: 9.50 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.08 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

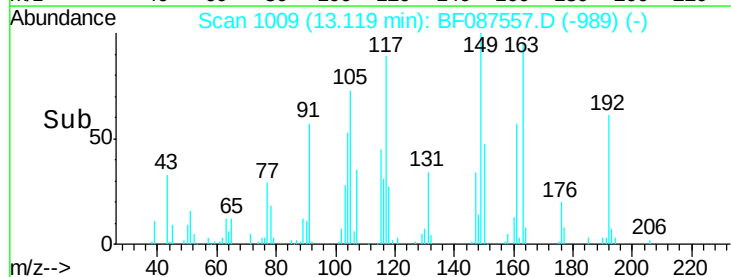
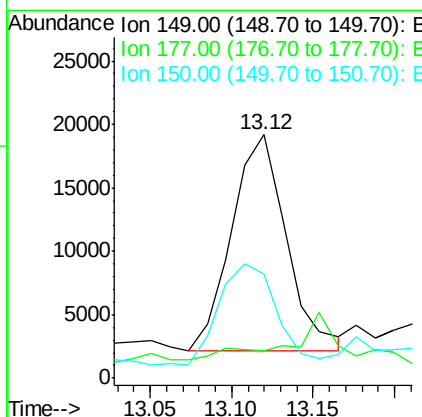
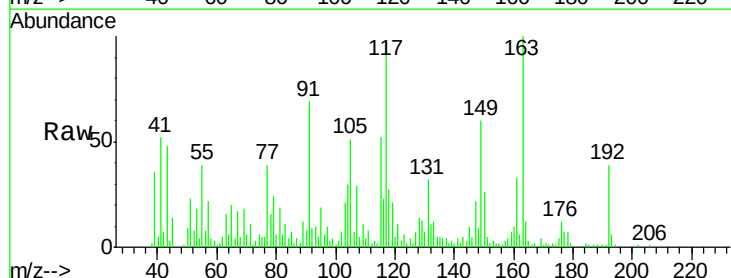
Instrument :
BNA_F
ClientSampled :
MW-03

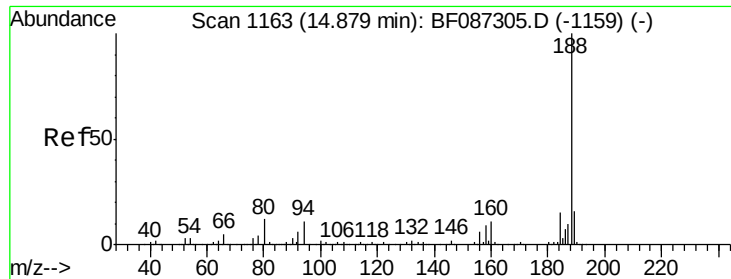
Tgt Ion:139 Resp: 16226
Ion Ratio Lower Upper
139 100
109 55.7 36.9 76.9
65 52.2 64.0 104.0#



#59
Diethylphthalate
Concen: 2.37 ng
RT: 13.12 min Scan# 1009
Delta R.T. -0.07 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Tgt Ion:149 Resp: 39817
Ion Ratio Lower Upper
149 100
177 11.4 16.6 24.8#
150 42.5 10.0 15.0#

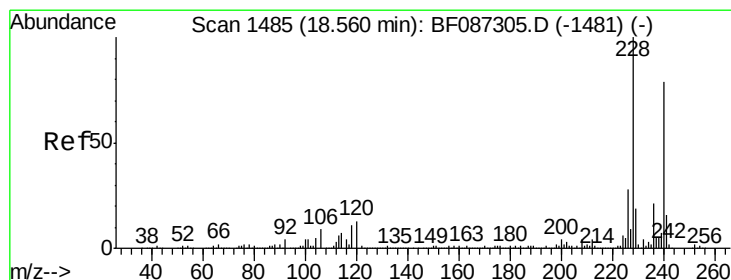
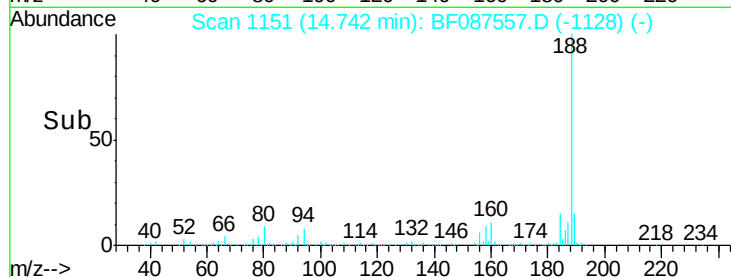
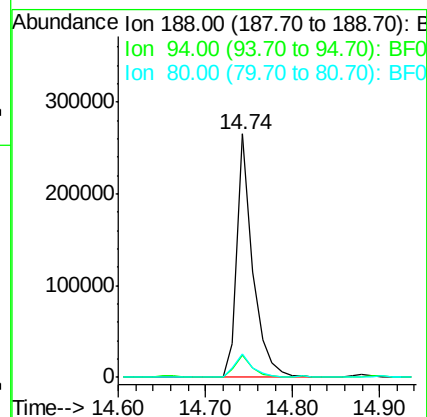
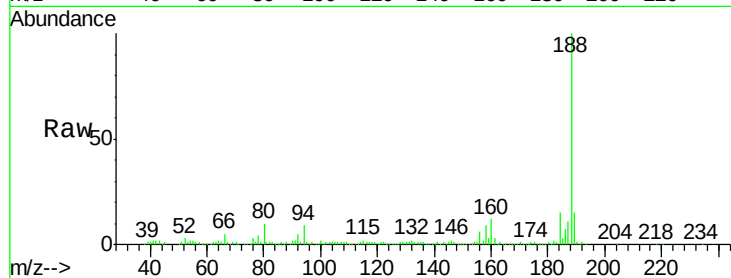




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

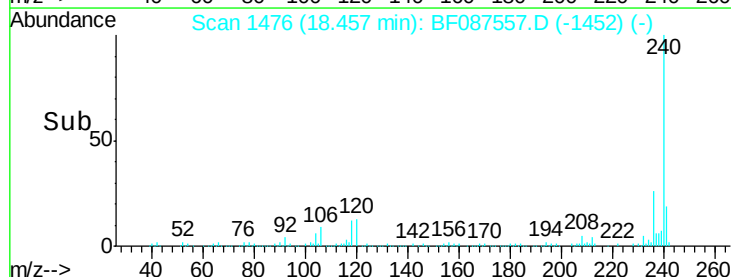
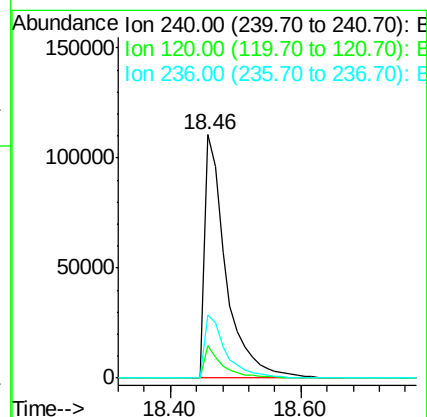
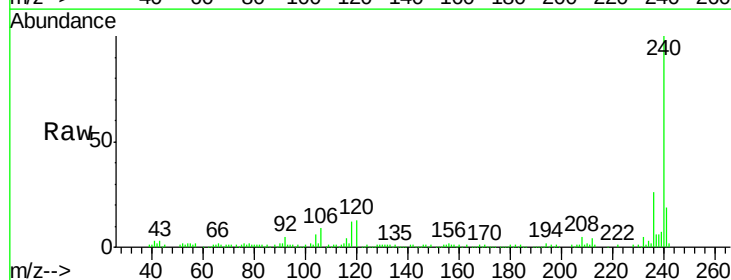
Instrument :
BNA_F
ClientSampleId :
MW-03

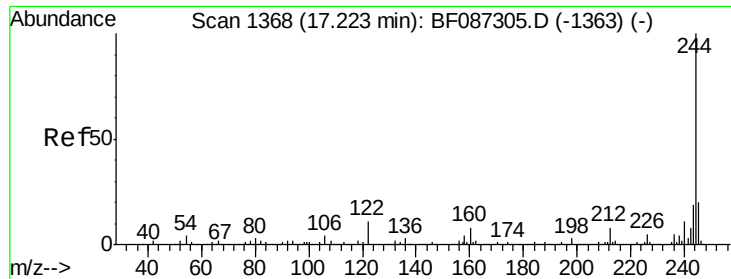
Tgt Ion:188 Resp: 334481
Ion Ratio Lower Upper
188 100
94 8.9 6.8 10.2
80 9.7 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Tgt Ion:240 Resp: 249111
Ion Ratio Lower Upper
240 100
120 13.1 11.2 16.8
236 26.2 21.2 31.8





#78

Terphenyl-d14

Concen: 77.07 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.05 min

Lab File: BF087557.D

Acq: 30 May 2016 18:47

Instrument :

BNA_F

ClientSampleId :

MW-03

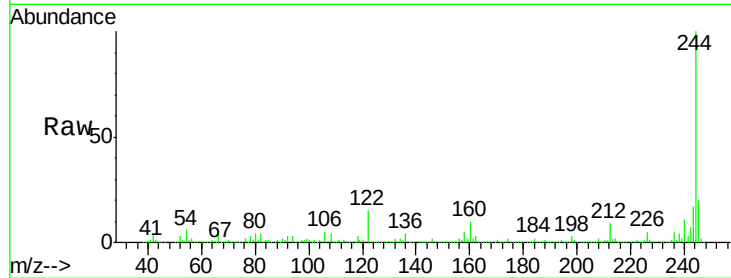
Tgt Ion:244 Resp: 903096

Ion Ratio Lower Upper

244 100

212 8.7 6.2 9.2

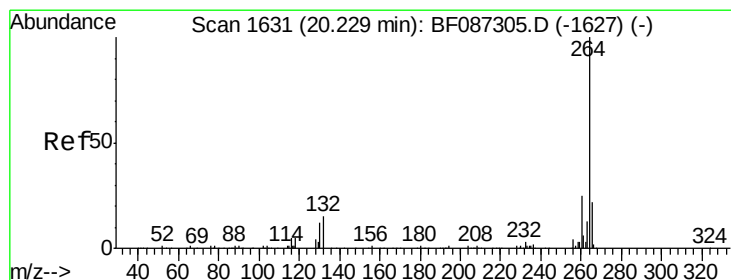
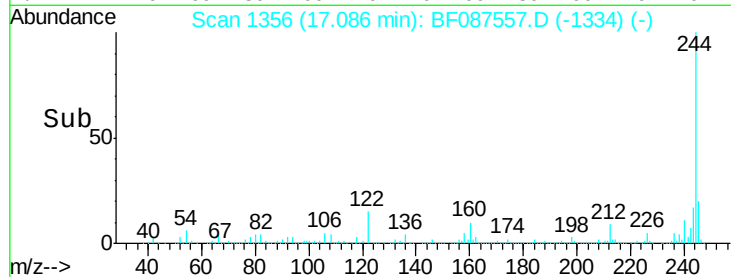
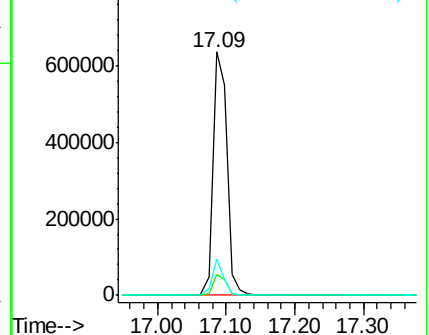
122 14.7 12.0 18.0



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: 20.15 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BF087557.D

Acq: 30 May 2016 18:47

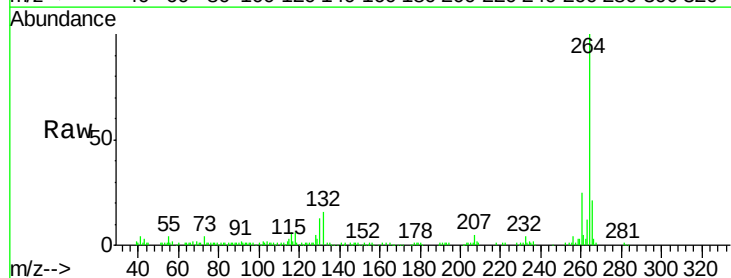
Tgt Ion:264 Resp: 201905

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.2 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

