

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087552.D
 Acq On : 30 May 2016 15:55
 Operator : UM/SJ
 Sample : H3317-06
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Quant Time: May 31 00:40:39 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

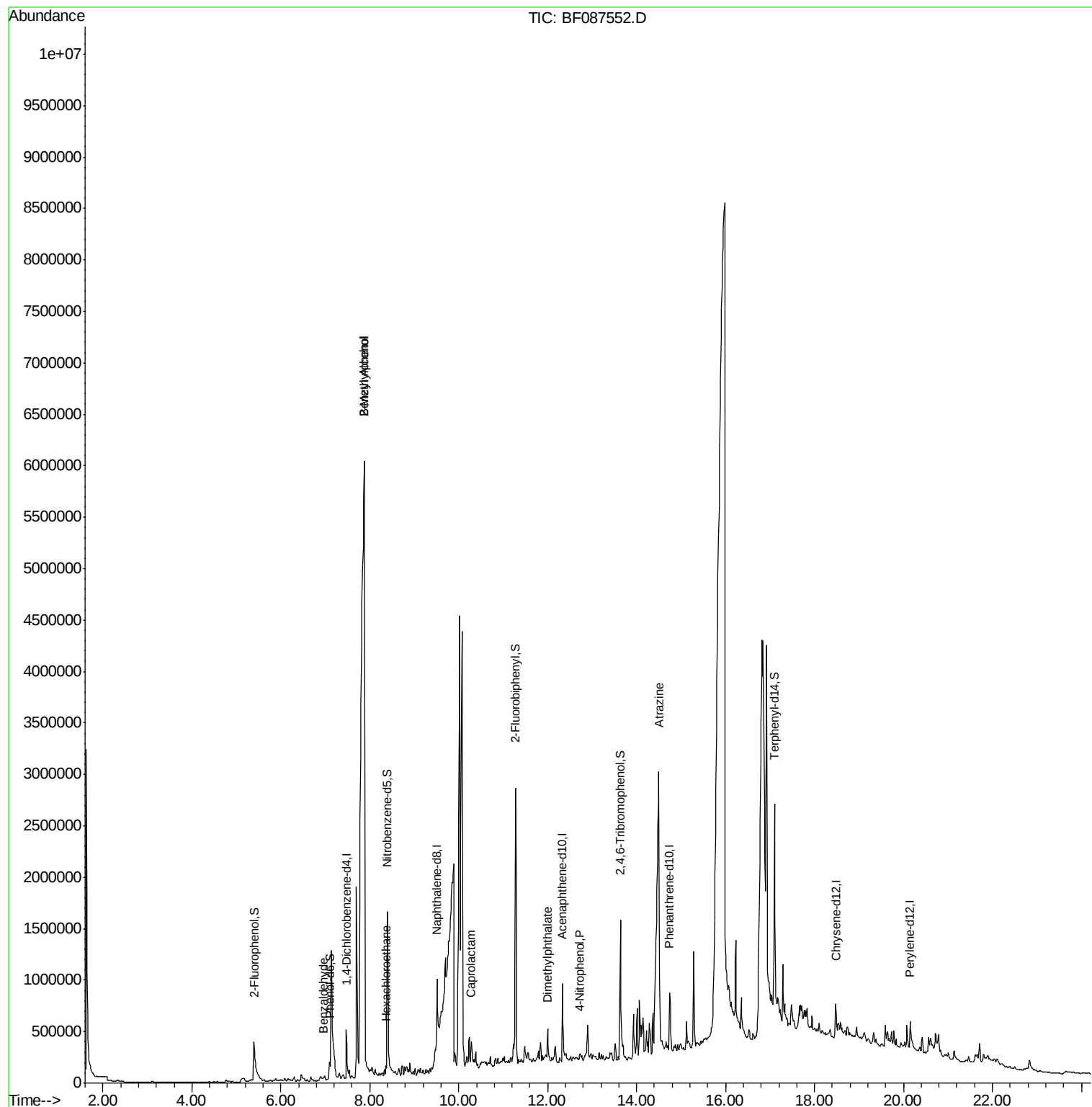
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	115485	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	442156	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	187367	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	315831	20.00	ng	-0.03
75) Chrysene-d12	18.48	240	244687	20.00	ng	0.00
86) Perylene-d12	20.15	264	223376	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	309171	47.04	ng	-0.02
7) Phenol-d6	7.10	99	275814	31.06	ng	0.02
23) Nitrobenzene-d5	8.40	82	709888	80.92	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	205831	114.32	ng	-0.05
44) 2-Fluorobiphenyl	11.28	172	1104144	83.08	ng	-0.06
78) Terphenyl-d14	17.10	244	706680	61.40	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.96	77	11675	2.38	ng	82
15) Benzyl Alcohol	7.87	79	6636437	1024.99	ng	89
17) 2-Methylphenol	7.87	107	3327653	506.61	ng	# 8
18) Hexachloroethane	8.36	117	57247	16.72	ng	# 10
35) Caprolactam	10.28	113	7478	4.33	ng	# 1
49) Dimethylphthalate	11.99	163	36151	2.41	ng	# 93
55) 4-Nitrophenol	12.72	139	5085	3.43	ng	# 48
68) Atrazine	14.50	200	8414	2.58	ng	# 41

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

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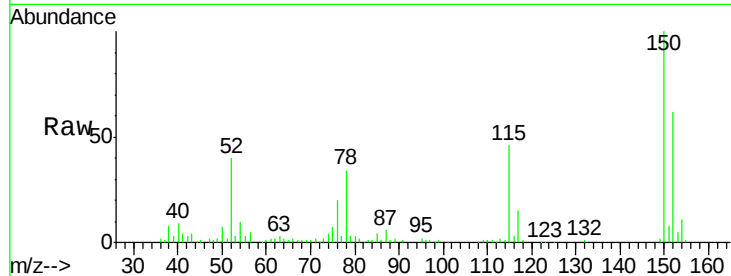


#1

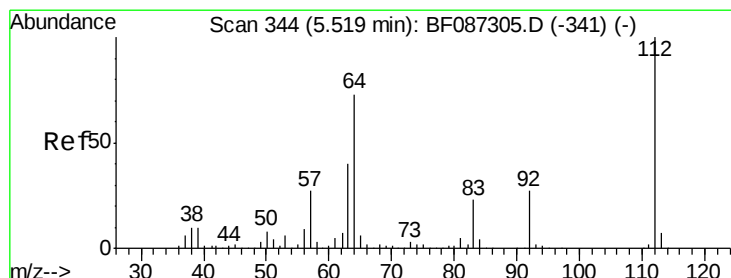
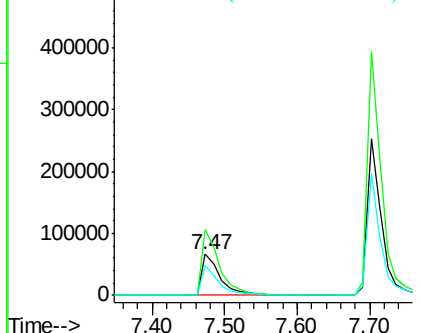
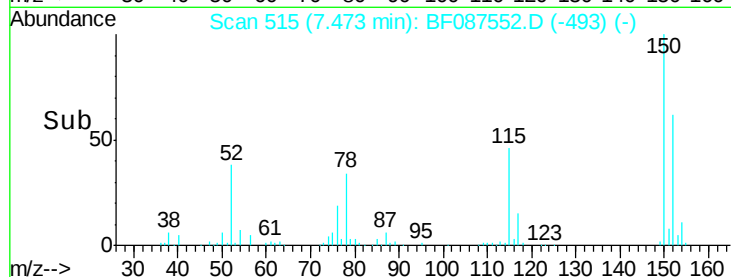
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.05 min
Lab File: BF087552.D
Acq: 30 May 2016 15:55

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:152 Resp: 115485
Ion Ratio Lower Upper
152 100
150 160.1 125.8 188.6
115 73.8 51.5 77.3



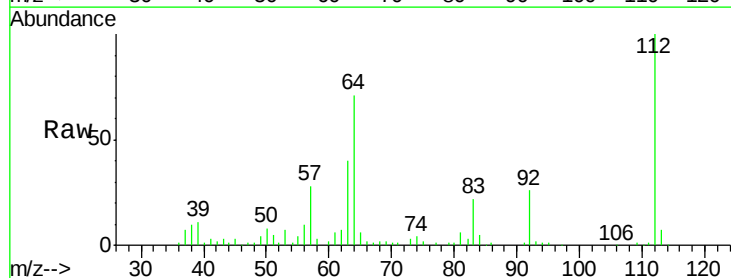
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



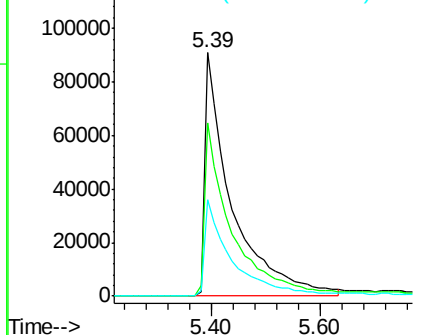
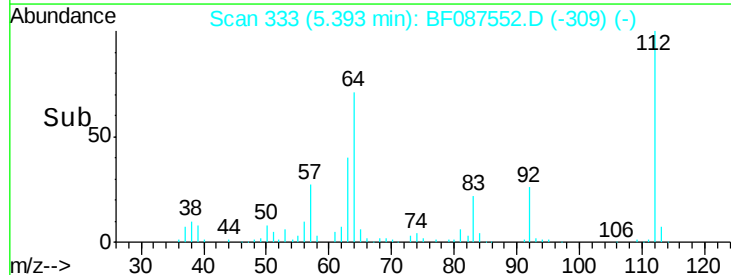
#5

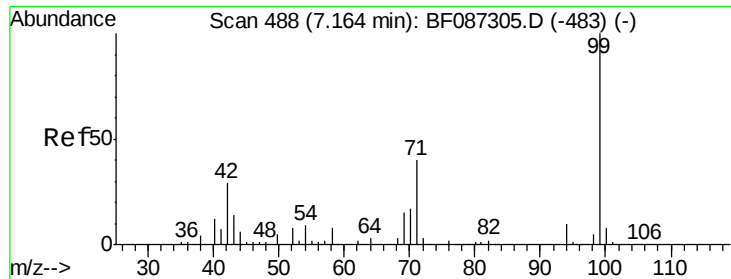
2-Fluorophenol
Concen: 47.04 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.02 min
Lab File: BF087552.D
Acq: 30 May 2016 15:55

Tgt Ion:112 Resp: 309171
Ion Ratio Lower Upper
112 100
64 70.9 52.1 78.1
63 39.8 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: 31.06 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.02 min

Lab File: BF087552.D

Acq: 30 May 2016 15:55

Instrument :

BNA_F

ClientSampleId :

MW-09

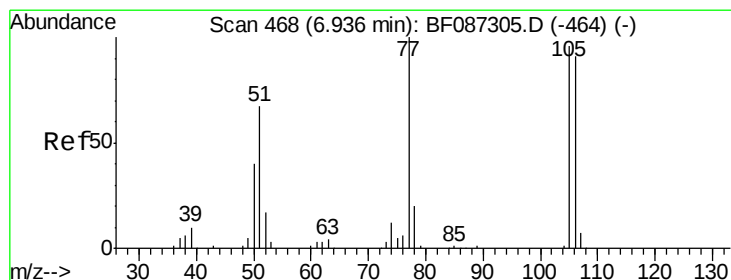
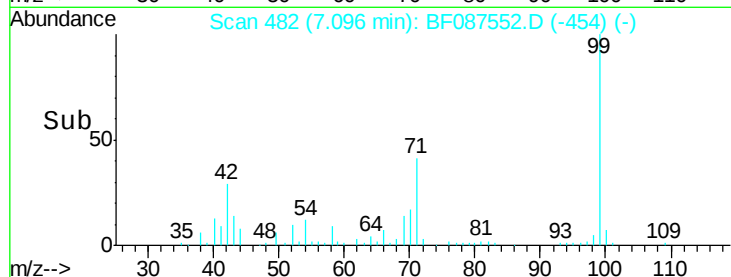
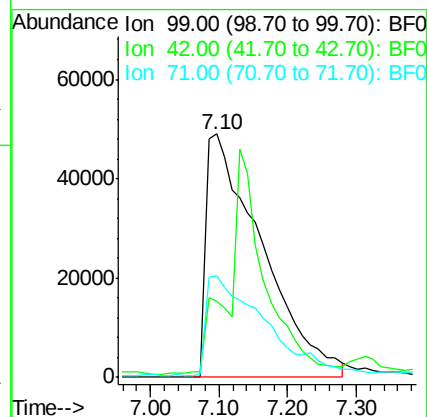
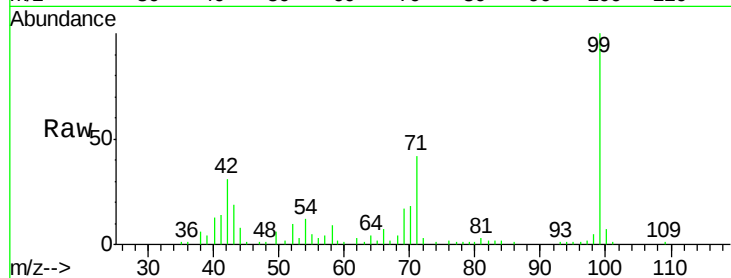
Tgt Ion: 99 Resp: 275814

Ion Ratio Lower Upper

99 100

42 31.0 13.6 20.4#

71 41.9 24.6 36.8#



#9

Benzaldehyde

Concen: 2.38 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.13 min

Lab File: BF087552.D

Acq: 30 May 2016 15:55

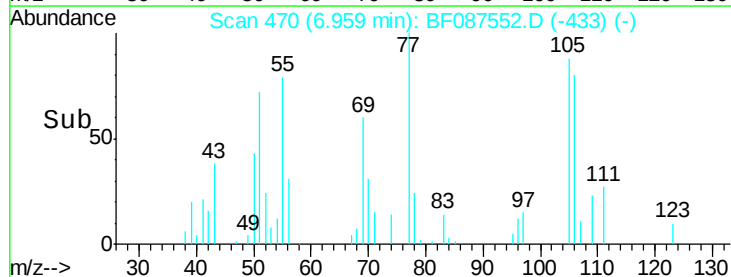
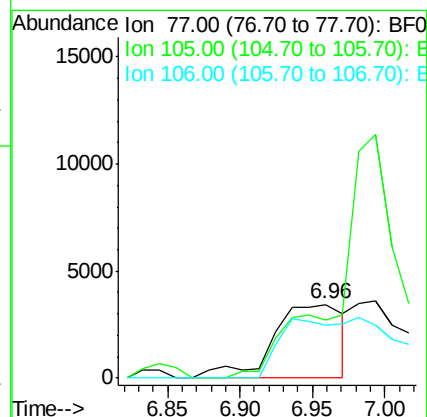
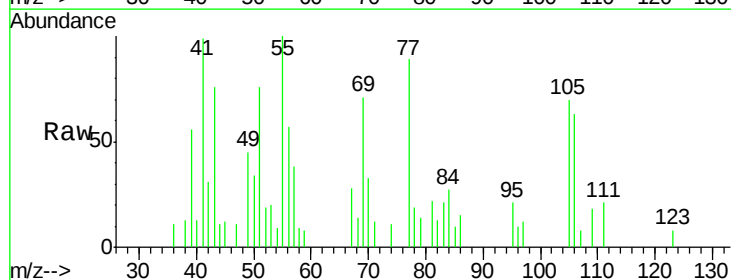
Tgt Ion: 77 Resp: 11675

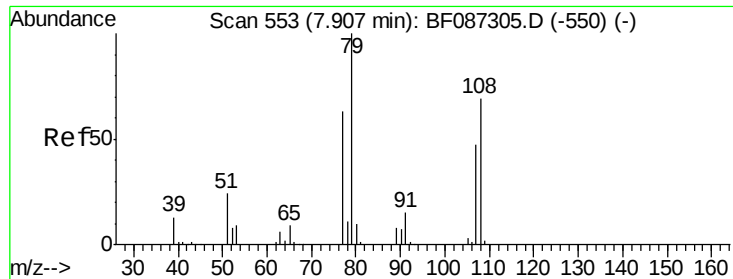
Ion Ratio Lower Upper

77 100

105 78.6 72.7 112.7

106 71.4 70.8 110.8





#15

Benzyl Alcohol

Concen: 1024.99 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.06 min

Lab File: BF087552.D

Acq: 30 May 2016 15:55

Instrument :

BNA_F

ClientSampleId :

MW-09

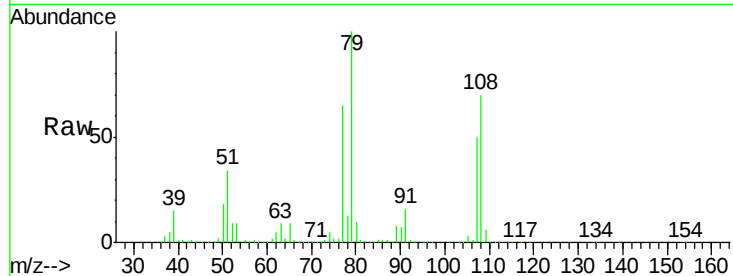
Tgt Ion: 79 Resp: 6636437

Ion Ratio Lower Upper

79 100

108 69.8 68.4 102.6

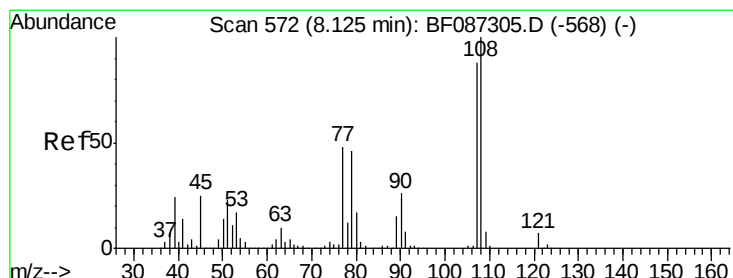
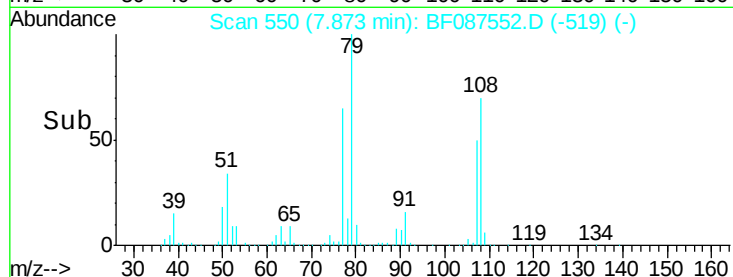
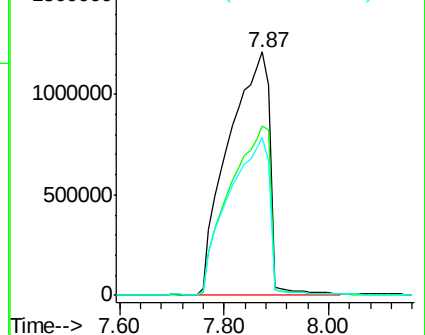
77 64.9 50.6 76.0



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



#17

2-Methylphenol

Concen: 506.61 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.16 min

Lab File: BF087552.D

Acq: 30 May 2016 15:55

Tgt Ion: 107 Resp: 3327653

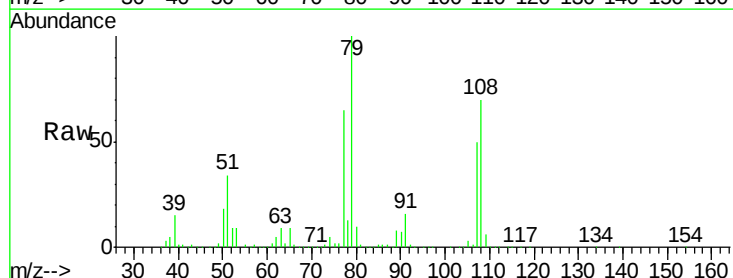
Ion Ratio Lower Upper

107 100

108 138.5 93.7 140.5

77 128.9 33.4 50.0#

79 198.6 34.3 51.5#

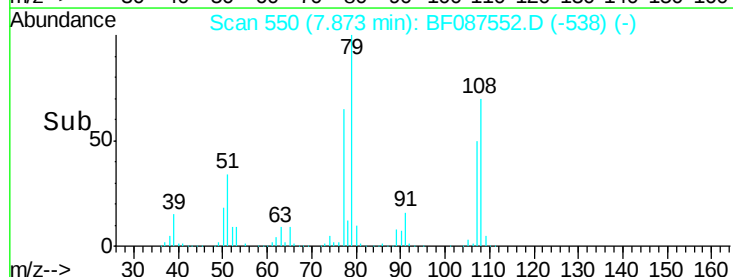
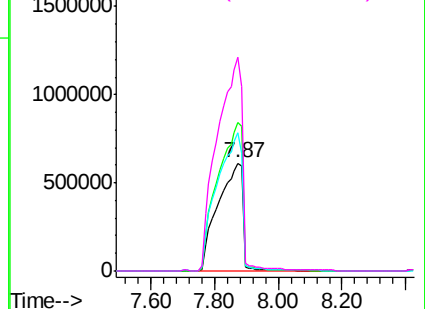


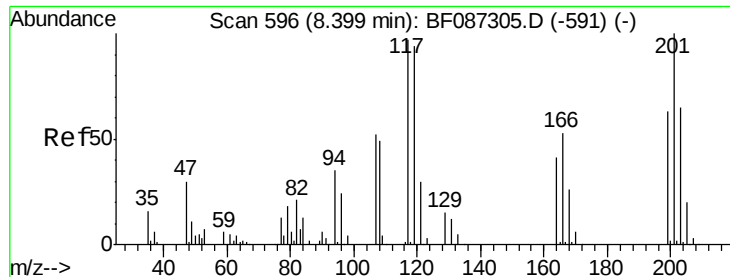
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

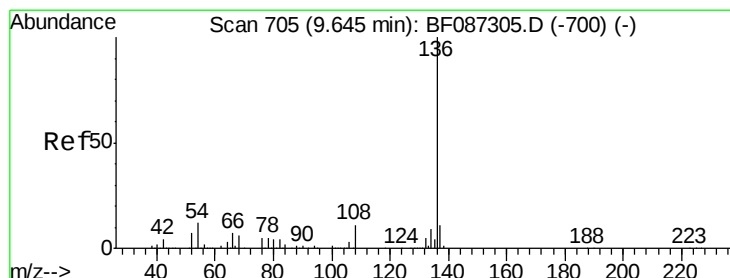
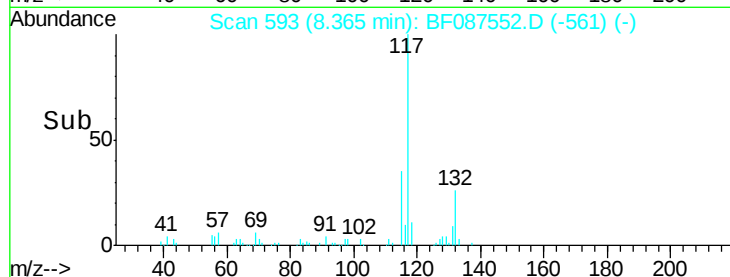
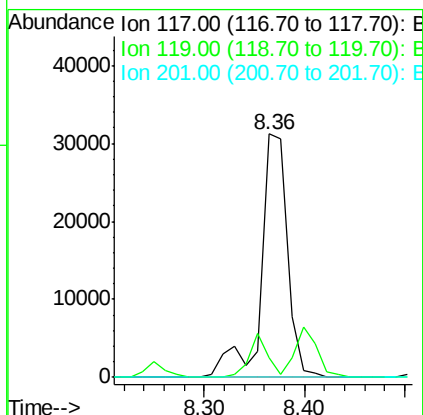
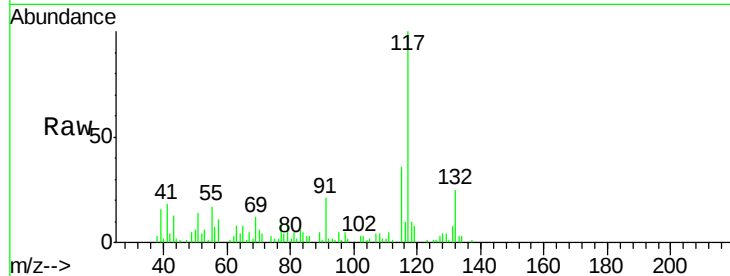




#18
Hexachloroethane
Concen: 16.72 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.07 min
Lab File: BF087552.D
Acq: 30 May 2016 15:55

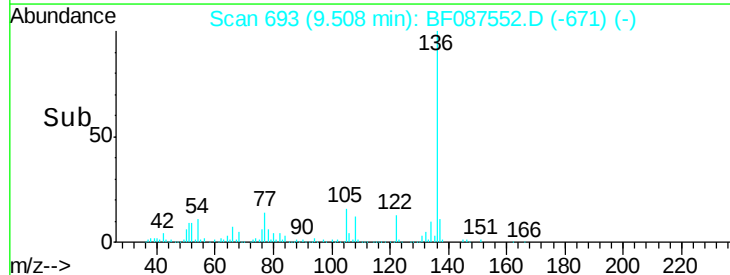
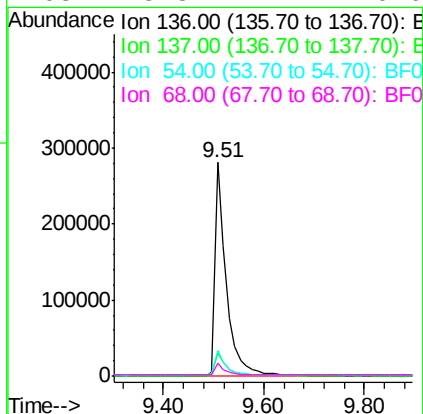
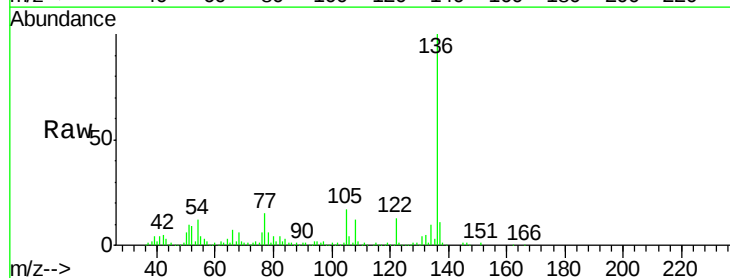
Instrument :
BNA_F
ClientSampleId :
MW-09

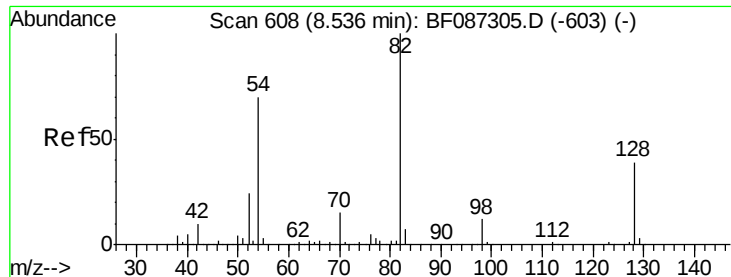
Tgt Ion:117 Resp: 57247
Ion Ratio Lower Upper
117 100
119 8.1 76.5 114.7#
201 0.0 63.0 94.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF087552.D
Acq: 30 May 2016 15:55

Tgt Ion:136 Resp: 442156
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 11.9 5.0 7.4#
68 5.8 4.4 6.6

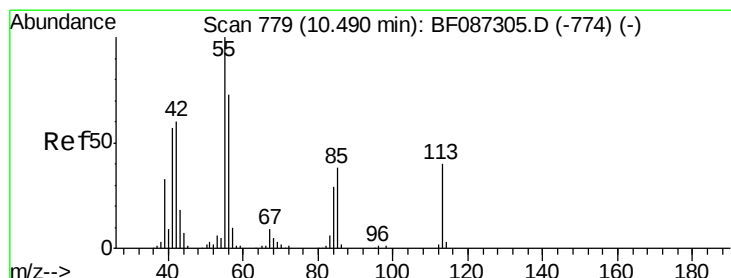
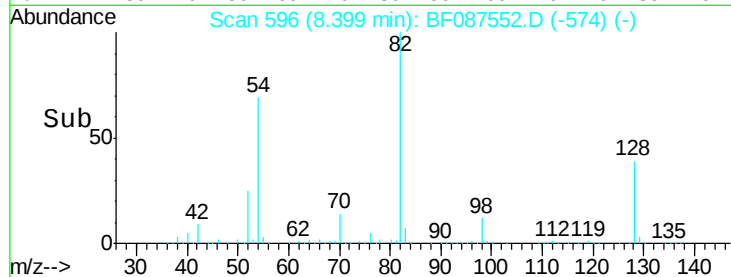
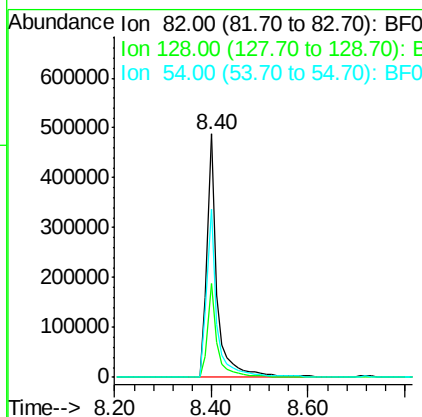
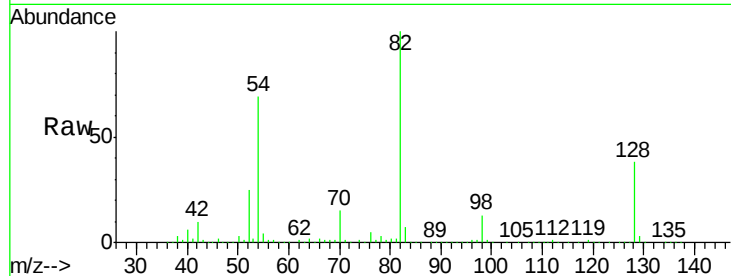




#23
Nitrobenzene-d5
Concen: 80.92 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.05 min
Lab File: BF087552.D
Acq: 30 May 2016 15:55

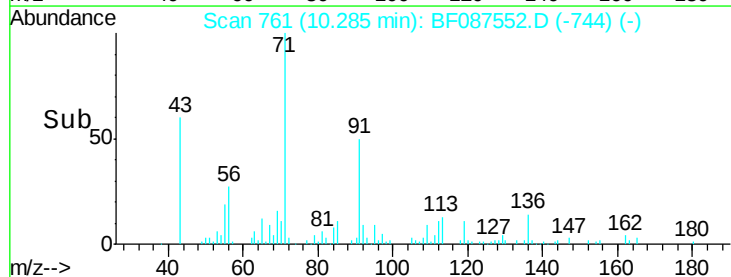
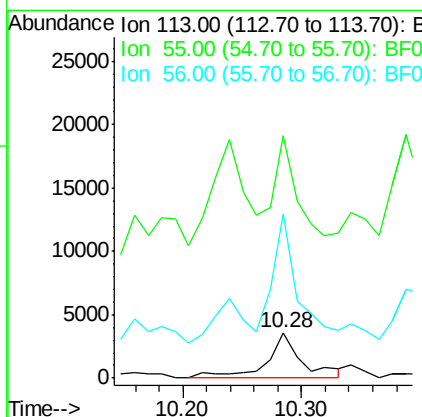
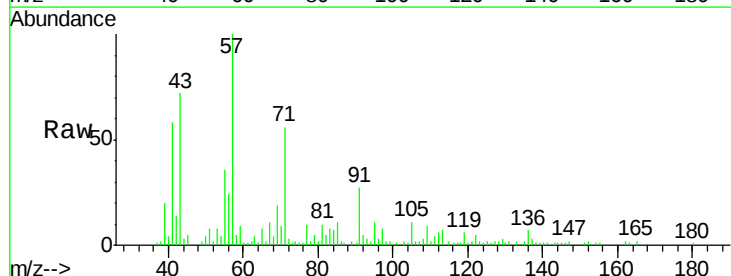
Instrument :
BNA_F
ClientSampleId :
MW-09

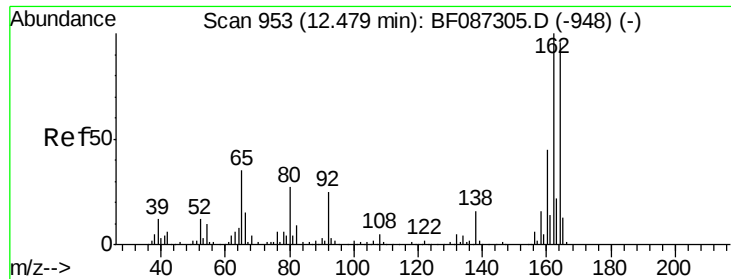
Tgt Ion: 82 Resp: 709888
Ion Ratio Lower Upper
82 100
128 38.5 40.6 61.0#
54 69.1 38.1 57.1#



#35
Caprolactam
Concen: 4.33 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.10 min
Lab File: BF087552.D
Acq: 30 May 2016 15:55

Tgt Ion: 113 Resp: 7478
Ion Ratio Lower Upper
113 100
55 529.6 162.0 202.0#
56 359.8 115.3 155.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.06 min

Lab File: BF087552.D

Acq: 30 May 2016 15:55

Instrument :

BNA_F

ClientSampleId :

MW-09

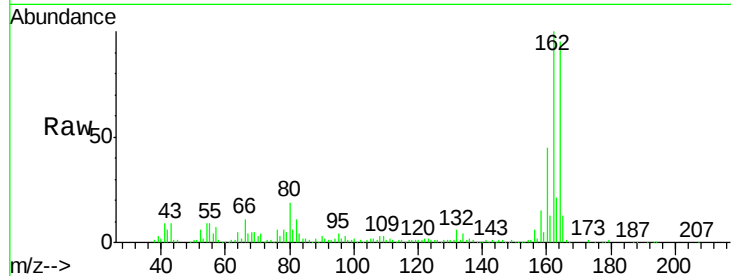
Tgt Ion:164 Resp: 187367

Ion Ratio Lower Upper

164 100

162 105.1 82.8 124.2

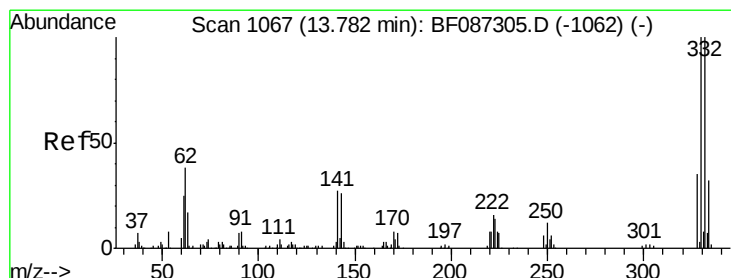
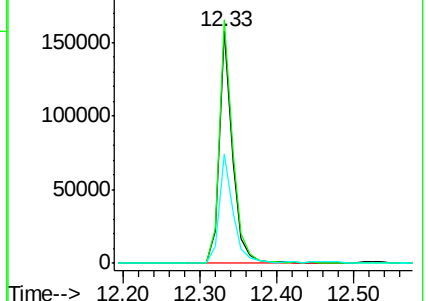
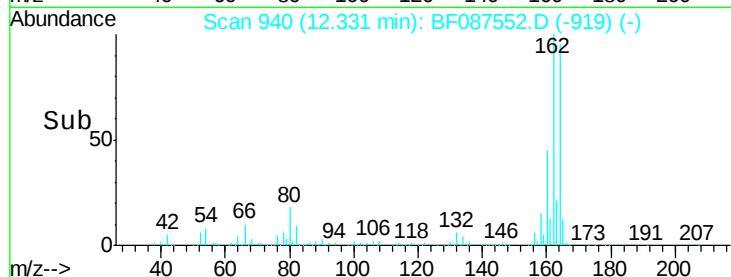
160 47.1 36.9 55.3



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: 114.32 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.05 min

Lab File: BF087552.D

Acq: 30 May 2016 15:55

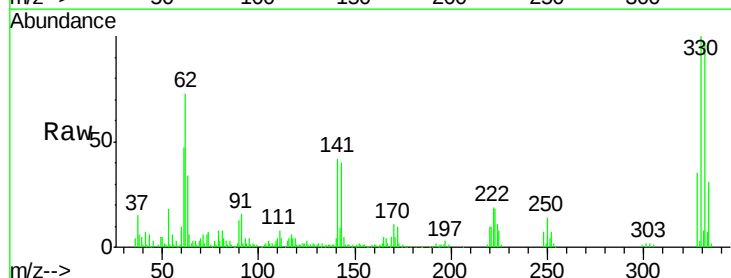
Tgt Ion:330 Resp: 205831

Ion Ratio Lower Upper

330 100

332 97.6 79.0 118.4

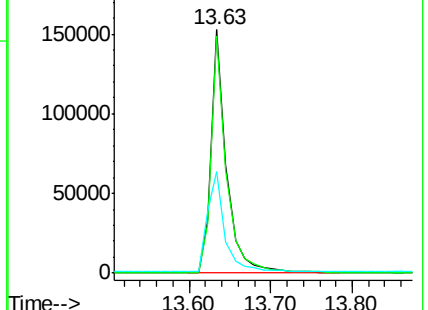
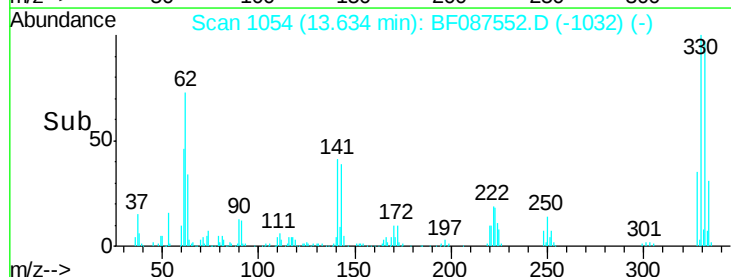
141 47.0 31.2 46.8#

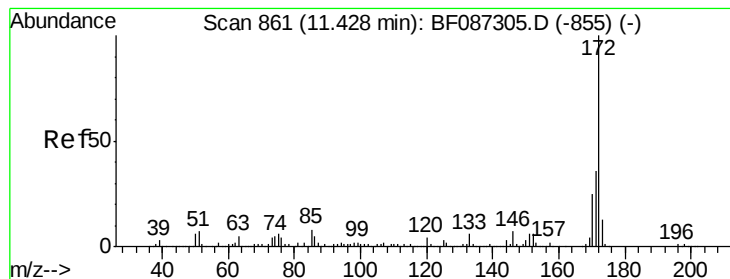


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 83.08 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.06 min

Lab File: BF087552.D

Acq: 30 May 2016 15:55

Instrument :

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ClientSampled :

MW-09

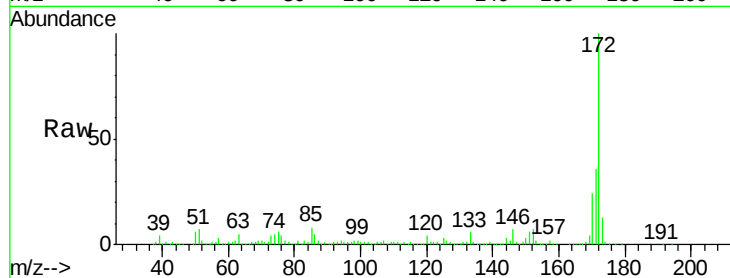
Tgt Ion:172 Resp: 1104144

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

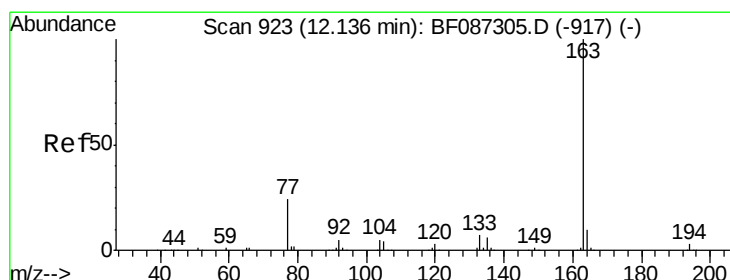
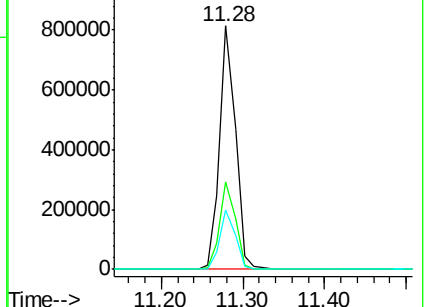
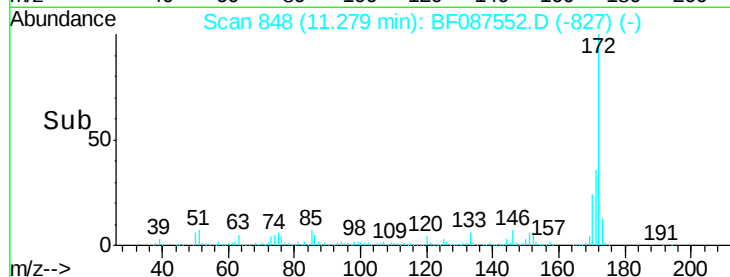
170 24.2 19.8 29.8



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



#49

Dimethylphthalate

Concen: 2.41 ng

RT: 11.99 min Scan# 910

Delta R.T. -0.06 min

Lab File: BF087552.D

Acq: 30 May 2016 15:55

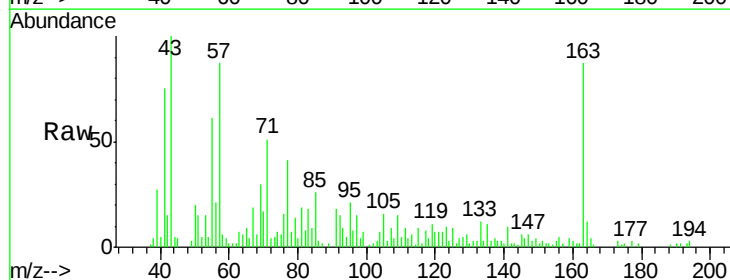
Tgt Ion:163 Resp: 36151

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

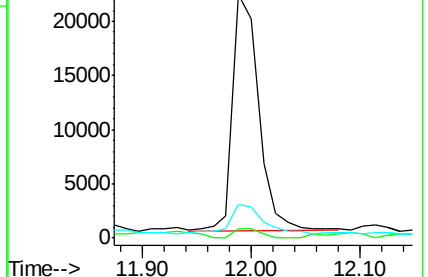
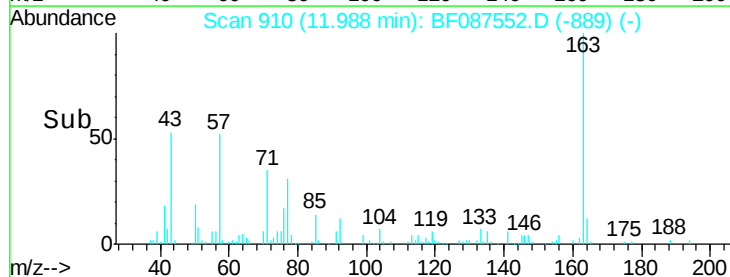
164 13.8 8.2 12.4#

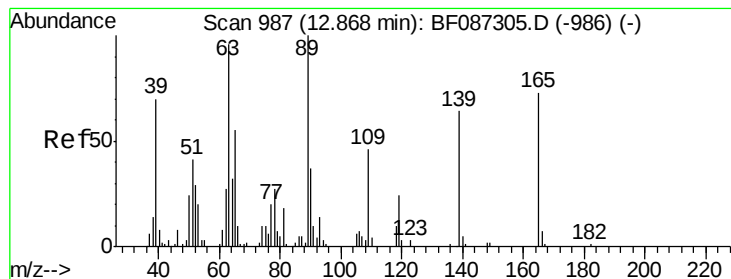


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#55

4-Nitrophenol

Concen: 3.43 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.06 min

Lab File: BF087552.D

Acq: 30 May 2016 15:55

Instrument :

BNA_F

ClientSampleId :

MW-09

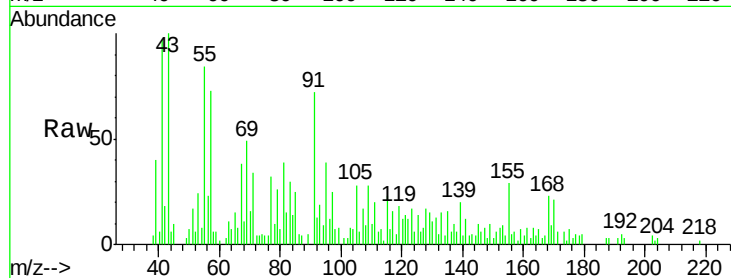
Tgt Ion:139 Resp: 5085

Ion Ratio Lower Upper

139 100

109 141.5 36.9 76.9#

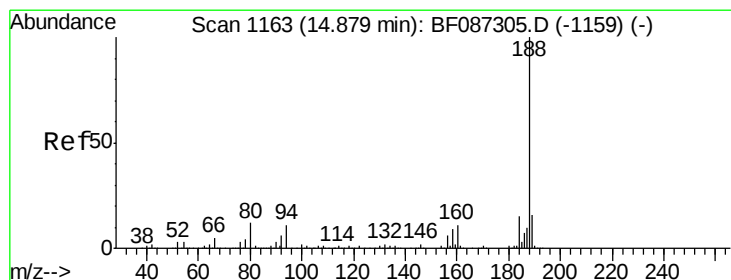
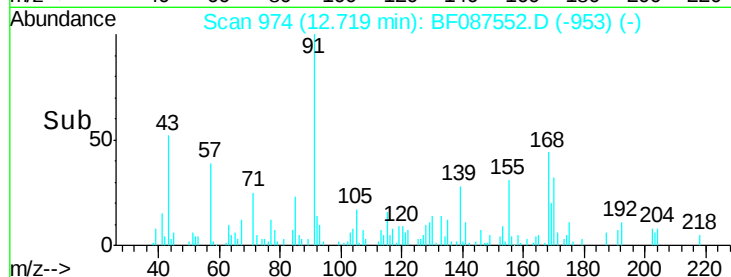
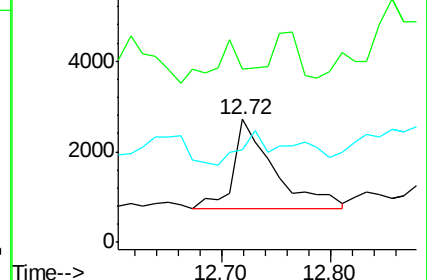
65 75.4 64.0 104.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF087552.D

Acq: 30 May 2016 15:55

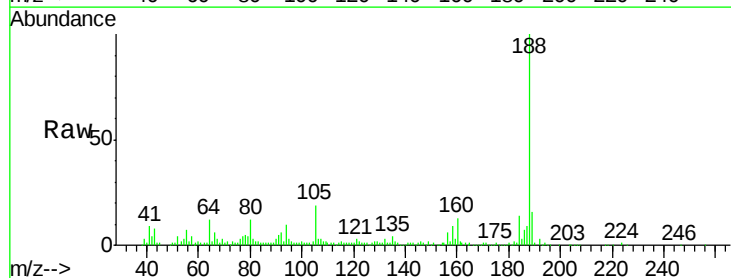
Tgt Ion:188 Resp: 315831

Ion Ratio Lower Upper

188 100

94 10.5 6.8 10.2#

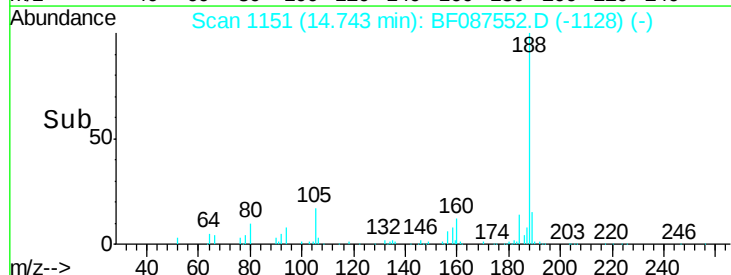
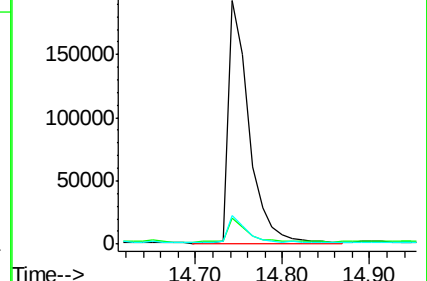
80 11.5 7.1 10.7#

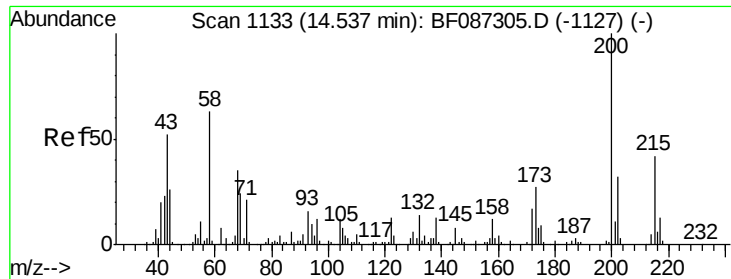


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

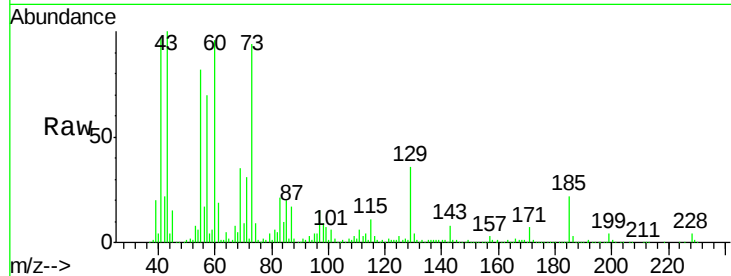




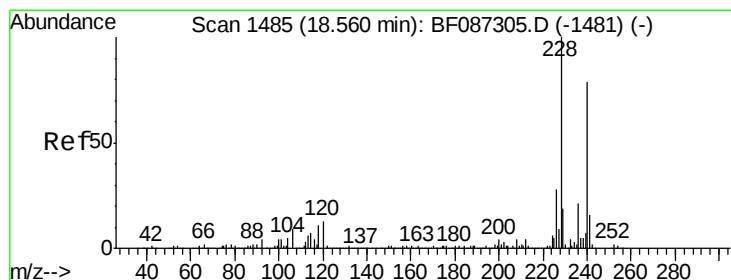
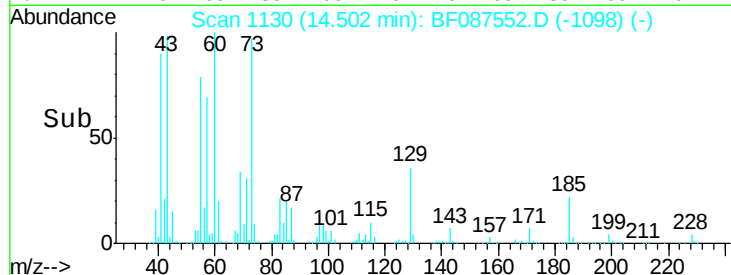
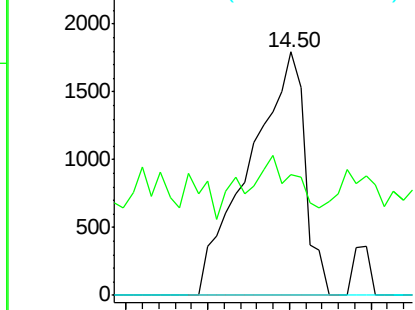
#68
 Atrazine
 Concen: 2.58 ng
 RT: 14.50 min Scan# 1130
 Delta R.T. 0.07 min
 Lab File: BF087552.D
 Acq: 30 May 2016 15:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tgt Ion:200 Resp: 8414
 Ion Ratio Lower Upper
 200 100
 173 49.8 8.5 48.5#
 215 0.0 27.2 67.2#

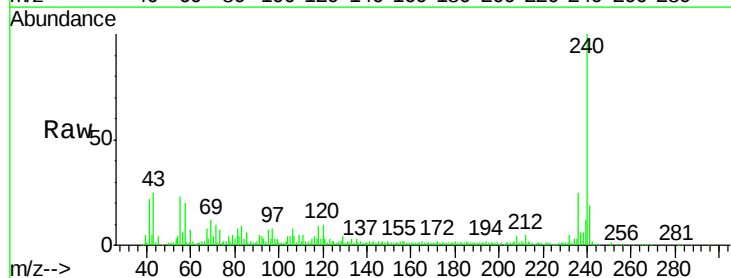


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

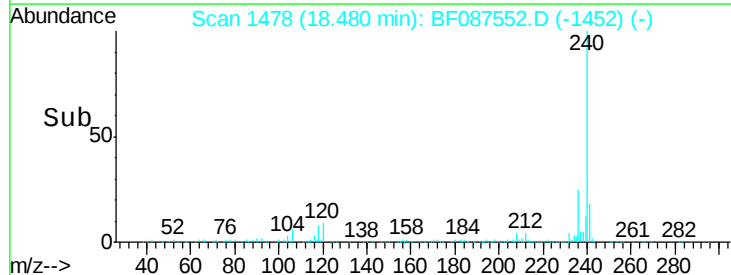
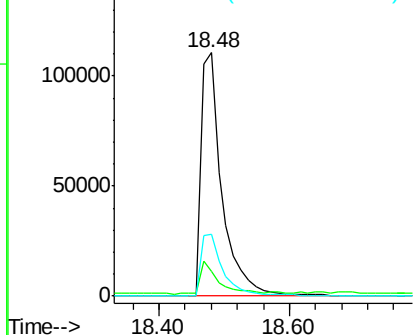


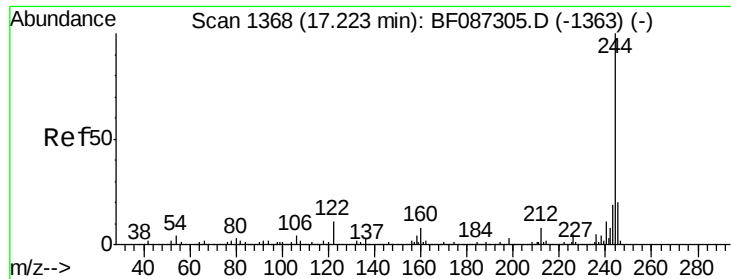
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.48 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BF087552.D
 Acq: 30 May 2016 15:55

Tgt Ion:240 Resp: 244687
 Ion Ratio Lower Upper
 240 100
 120 10.1 11.2 16.8#
 236 25.4 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: 61.40 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.03 min

Lab File: BF087552.D

Acq: 30 May 2016 15:55

Instrument :

BNA_F

ClientSampleId :

MW-09

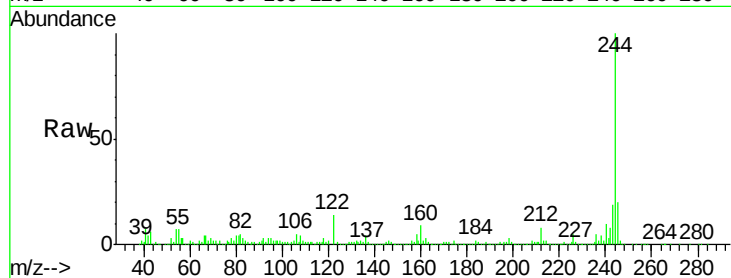
Tgt Ion:244 Resp: 706680

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

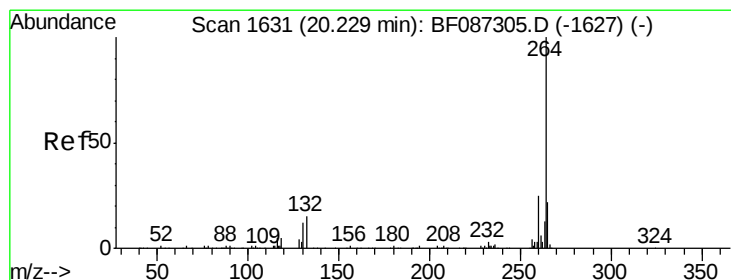
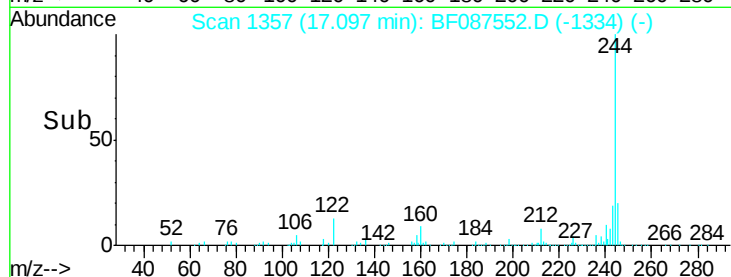
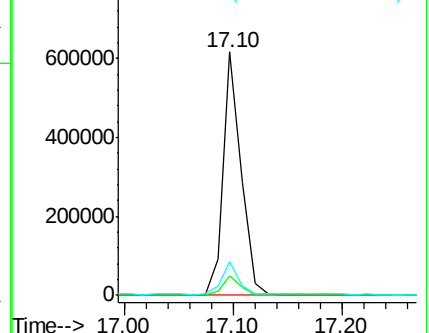
122 13.7 12.0 18.0



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: BF087552.D

Acq: 30 May 2016 15:55

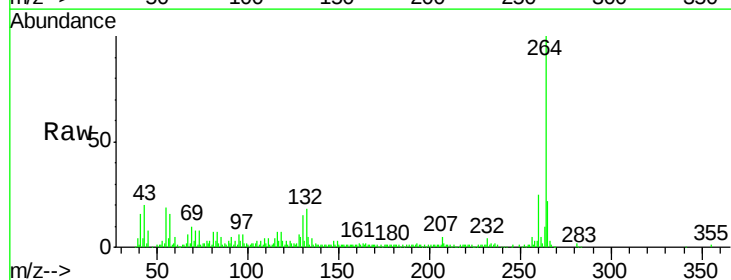
Tgt Ion:264 Resp: 223376

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 22.1 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

