

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087566.D
 Acq On : 31 May 2016 00:28
 Operator : UM/SJ
 Sample : H3249-03
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: May 31 02:04:11 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

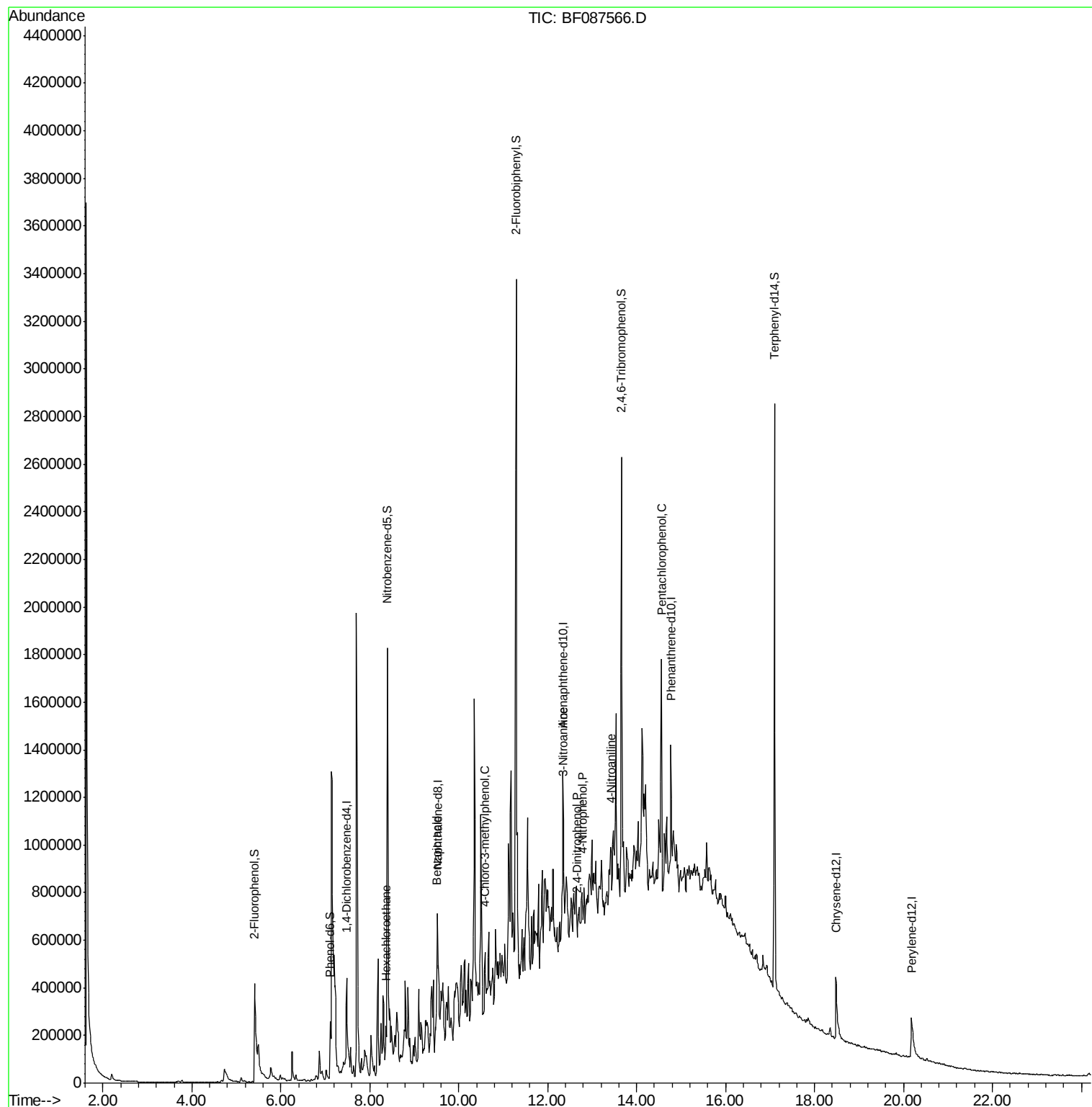
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	100086	20.00	ng	0.01
21) Naphthalene-d8	9.52	136	406852	20.00	ng	0.01
38) Acenaphthene-d10	12.34	164	179718	20.00	ng	0.01
63) Phenanthrene-d10	14.77	188	301102	20.00	ng	0.02
75) Chrysene-d12	18.48	240	235936	20.00	ng	0.03
86) Perylene-d12	20.18	264	191404	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	374376	65.73	ng	0.03
7) Phenol-d6	7.11	99	303497	39.43	ng	0.07
23) Nitrobenzene-d5	8.40	82	782092	96.88	ng	-0.01
41) 2,4,6-Tribromophenol	13.66	330	249140	144.26	ng	0.02
44) 2-Fluorobiphenyl	11.29	172	1225683	96.15	ng	0.00
78) Terphenyl-d14	17.10	244	882249	79.50	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.36	117	102964	34.70	ng	# 15
32) Benzoic acid	9.51	122	3886	6.92	ng	# 1
36) 4-Chloro-3-methylphenol	10.59	107	13233	2.15	ng	# 29
52) 3-Nitroaniline	12.35	138	8655	2.91	ng	# 19
53) 2,4-Dinitrophenol	12.66	184	736	7.00	ng	# 1
55) 4-Nitrophenol	12.78	139	13888	9.78	ng	# 1
61) 4-Nitroaniline	13.42	138	7236	2.60	ng	# 7
69) Pentachlorophenol	14.56	266	1001	7.04	ng	96

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

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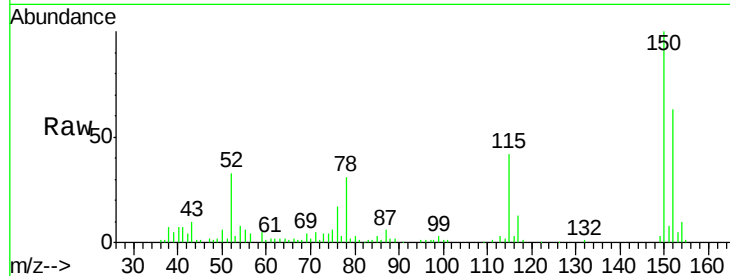


#1

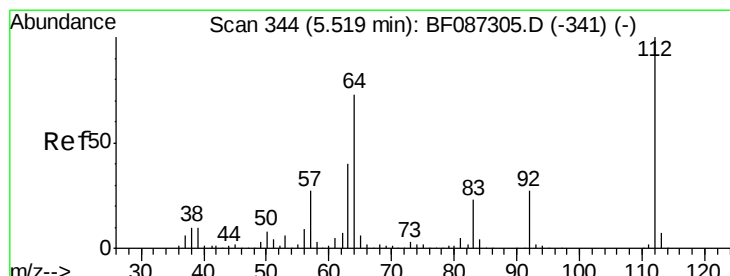
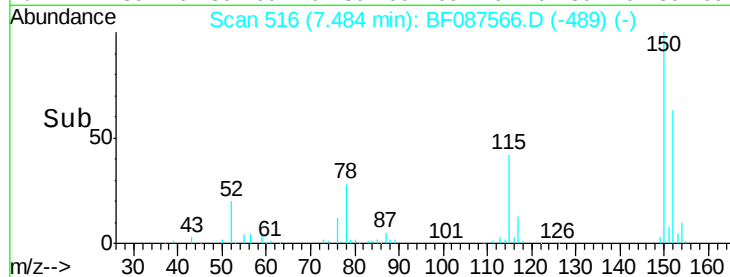
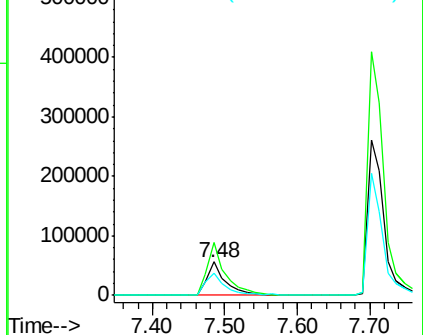
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. 0.01 min
Lab File: BF087566.D
Acq: 31 May 2016 00:28

Instrument :
BNA_F
ClientSampled :
MW-16

Tgt Ion:152 Resp: 100086
Ion Ratio Lower Upper
152 100
150 158.9 125.8 188.6
115 67.2 51.5 77.3



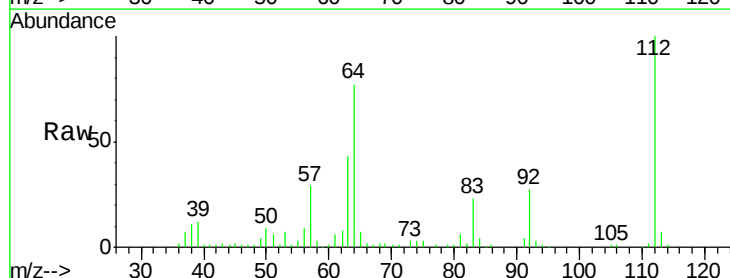
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



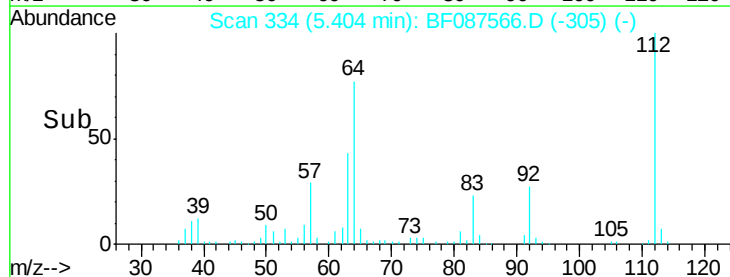
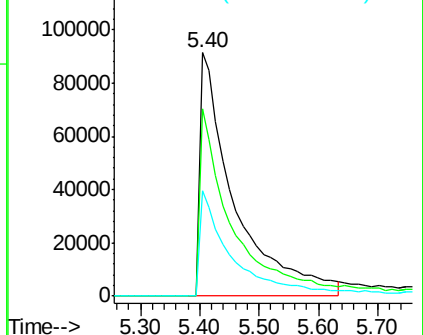
#5

2-Fluorophenol
Concen: 65.73 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.03 min
Lab File: BF087566.D
Acq: 31 May 2016 00:28

Tgt Ion:112 Resp: 374376
Ion Ratio Lower Upper
112 100
64 76.9 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: 39.43 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.07 min

Lab File: BF087566.D

Acq: 31 May 2016 00:28

Instrument :

BNA_F

ClientSampleId :

MW-16

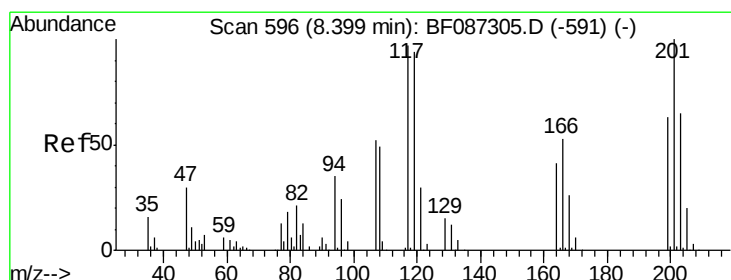
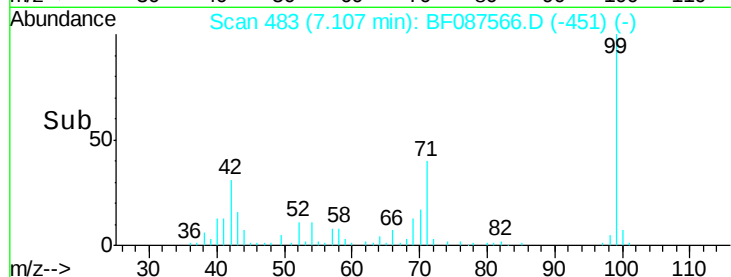
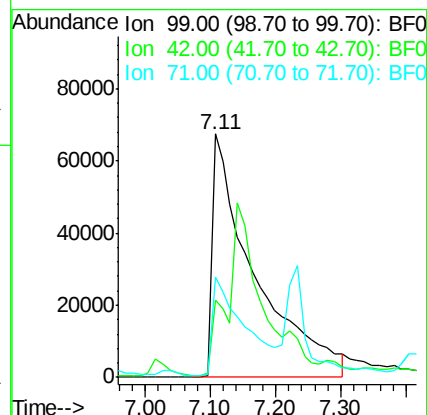
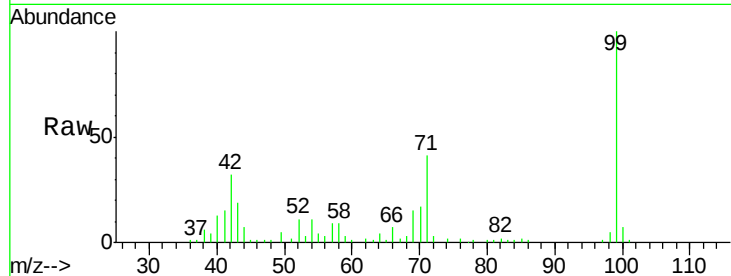
Tgt Ion: 99 Resp: 303497

Ion Ratio Lower Upper

99 100

42 31.9 13.6 20.4#

71 41.3 24.6 36.8#



#18

Hexachloroethane

Concen: 34.70 ng

RT: 8.36 min Scan# 593

Delta R.T. 0.13 min

Lab File: BF087566.D

Acq: 31 May 2016 00:28

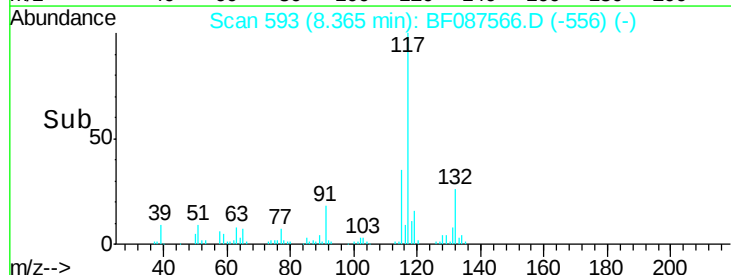
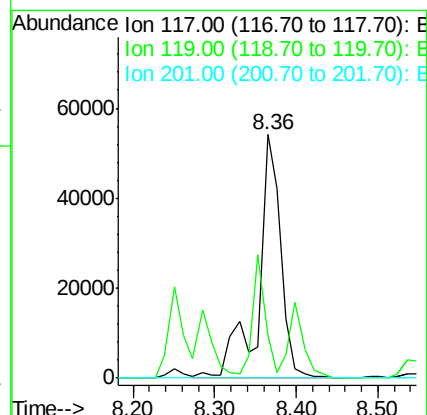
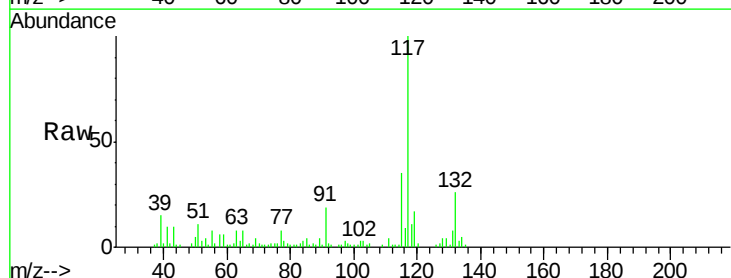
Tgt Ion: 117 Resp: 102964

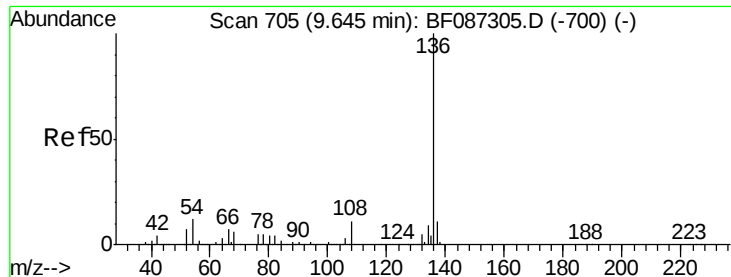
Ion Ratio Lower Upper

117 100

119 17.5 76.5 114.7#

201 0.0 63.0 94.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.52 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF087566.D

Acq: 31 May 2016 00:28

Instrument :

BNA_F

ClientSampleId :

MW-16

Tgt Ion:136 Resp: 406852

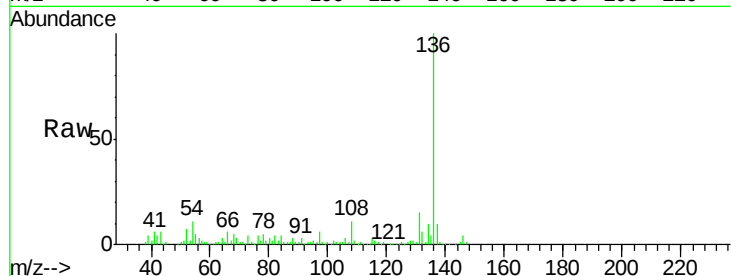
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 10.5 5.0 7.4#

68 5.4 4.4 6.6

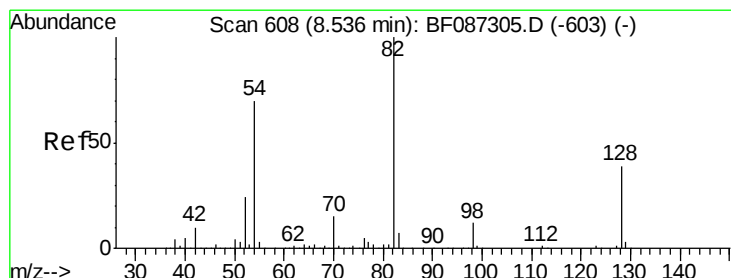
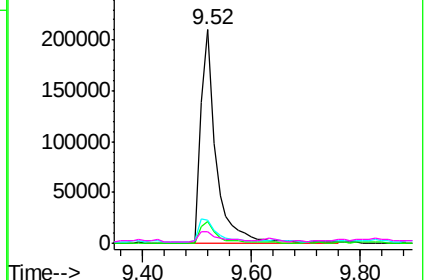
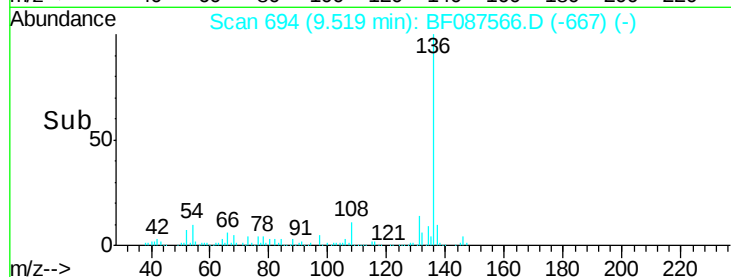


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.88 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF087566.D

Acq: 31 May 2016 00:28

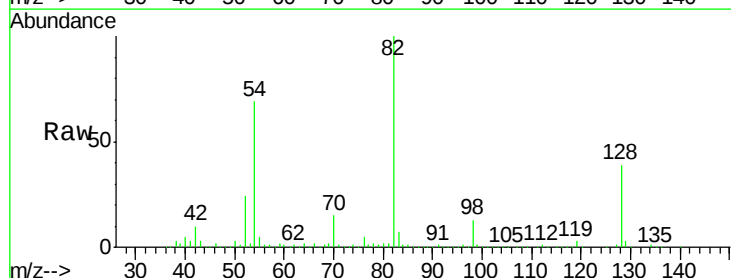
Tgt Ion: 82 Resp: 782092

Ion Ratio Lower Upper

82 100

128 38.8 40.6 61.0#

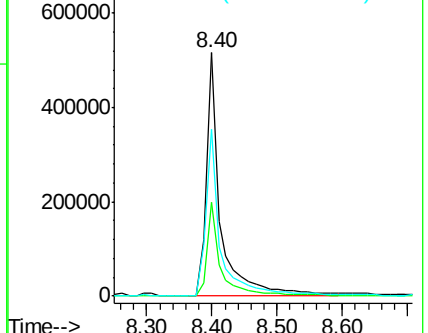
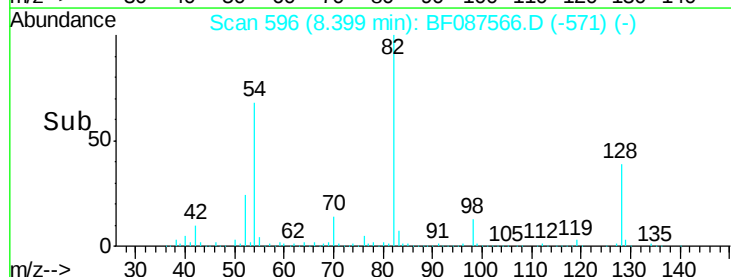
54 68.5 38.1 57.1#

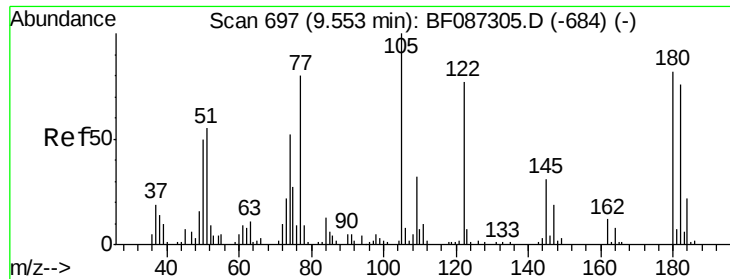


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 6.92 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.03 min

Lab File: BF087566.D

Acq: 31 May 2016 00:28

Instrument :

BNA_F

ClientSampleId :

MW-16

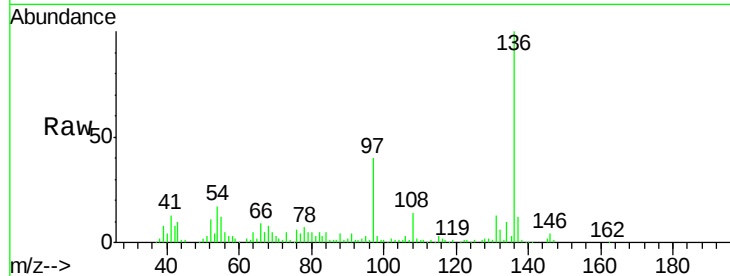
Tgt Ion:122 Resp: 3886

Ion Ratio Lower Upper

122 100

105 194.3 92.6 132.6#

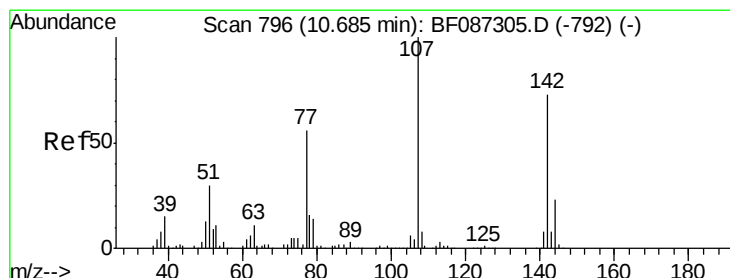
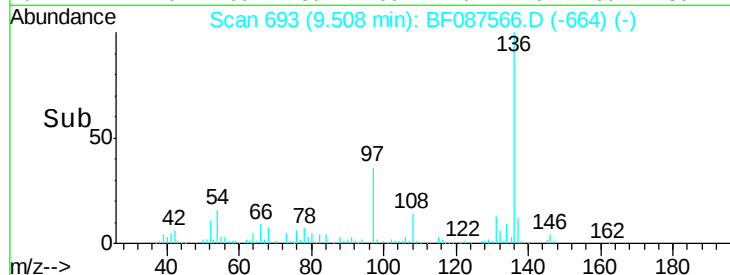
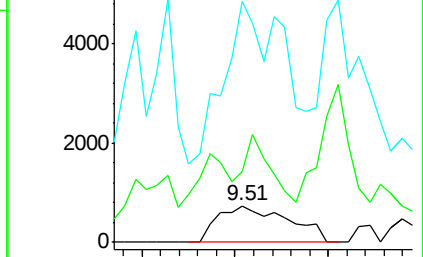
77 656.7 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 2.15 ng

RT: 10.59 min Scan# 788

Delta R.T. 0.02 min

Lab File: BF087566.D

Acq: 31 May 2016 00:28

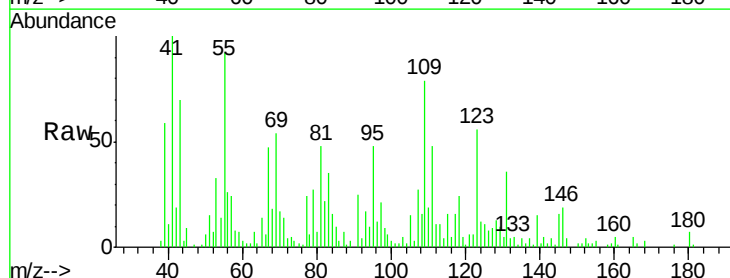
Tgt Ion:107 Resp: 13233

Ion Ratio Lower Upper

107 100

144 3.8 20.7 31.1#

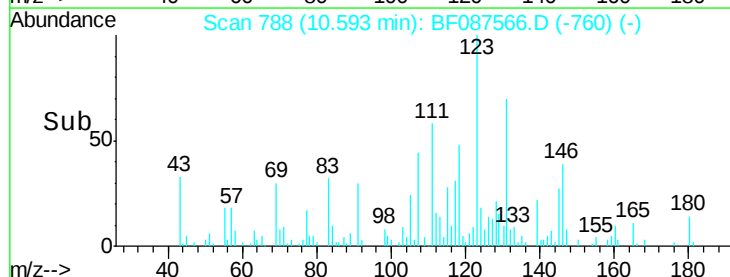
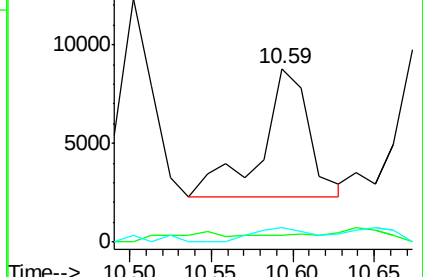
142 8.7 63.2 94.8#

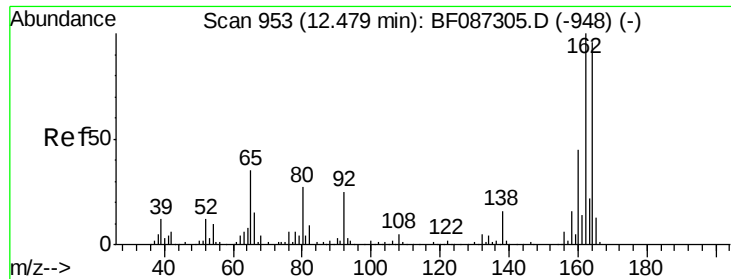


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

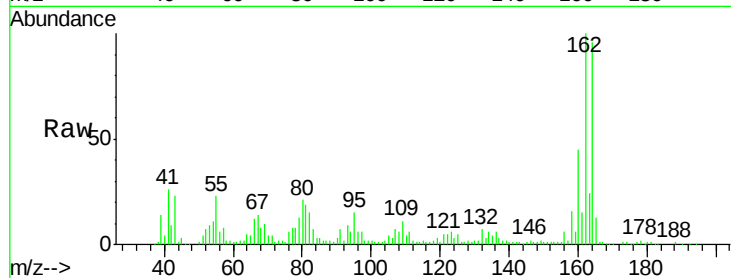




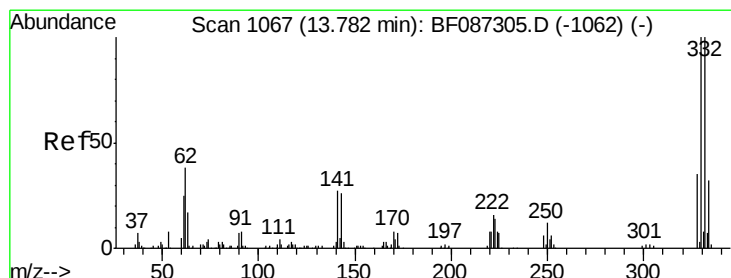
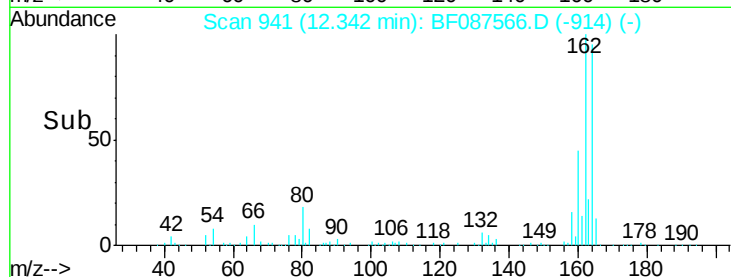
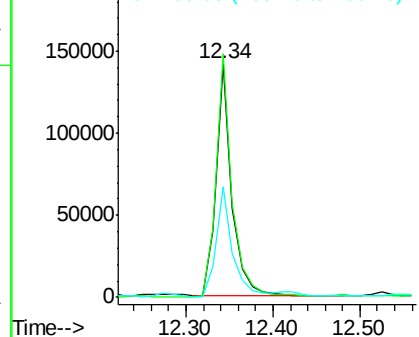
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF087566.D
Acq: 31 May 2016 00:28

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:164 Resp: 179718
Ion Ratio Lower Upper
164 100
162 104.1 82.8 124.2
160 47.3 36.9 55.3

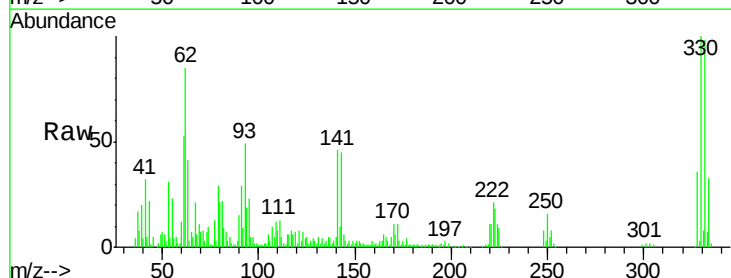


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

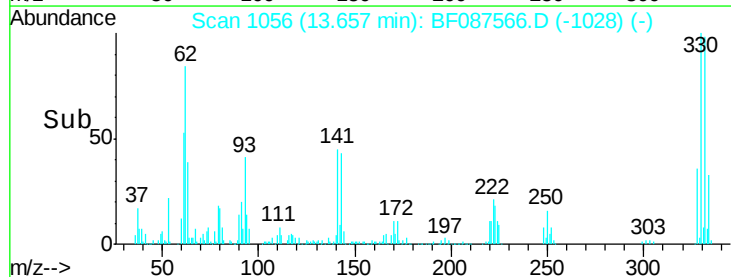
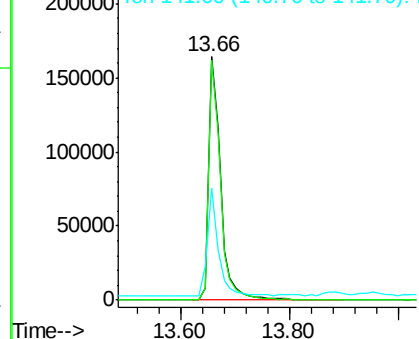


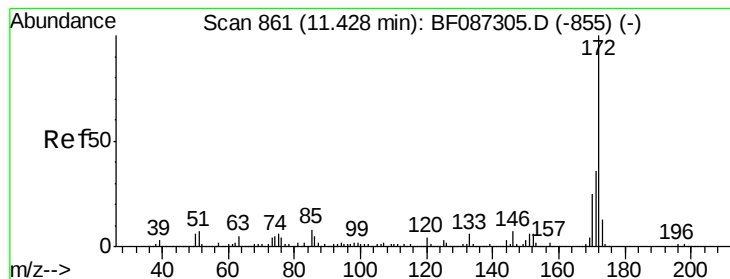
#41
2,4,6-Tribromophenol
Concen: 144.26 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.02 min
Lab File: BF087566.D
Acq: 31 May 2016 00:28

Tgt Ion:330 Resp: 249140
Ion Ratio Lower Upper
330 100
332 97.4 79.0 118.4
141 41.3 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: 96.15 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF087566.D

Acq: 31 May 2016 00:28

Instrument :

BNA_F

ClientSampleId :

MW-16

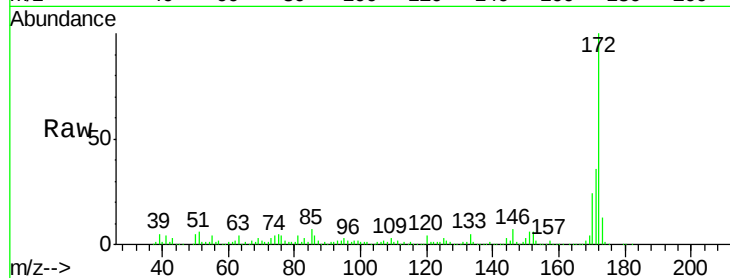
Tgt Ion:172 Resp: 1225683

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

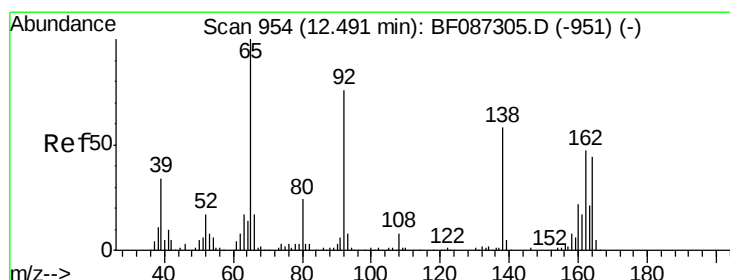
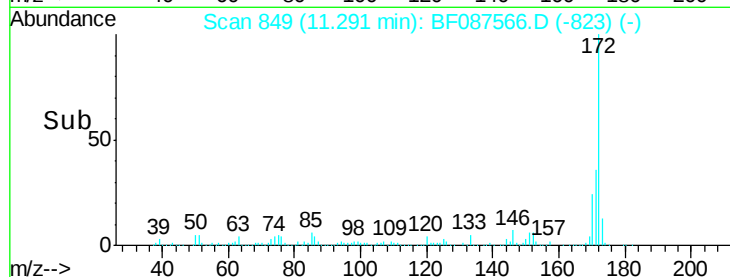
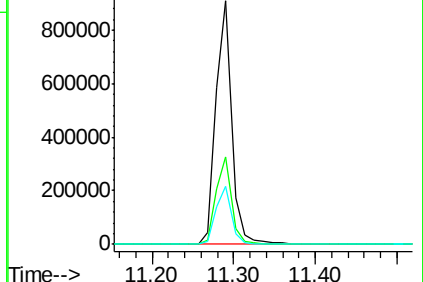
170 24.0 19.8 29.8



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



#52

3-Nitroaniline

Concen: 2.91 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF087566.D

Acq: 31 May 2016 00:28

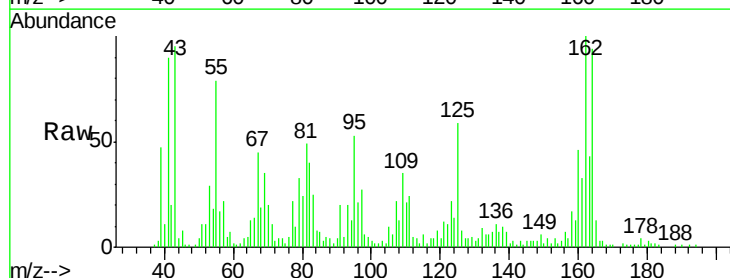
Tgt Ion:138 Resp: 8655

Ion Ratio Lower Upper

138 100

108 139.2 7.8 11.6#

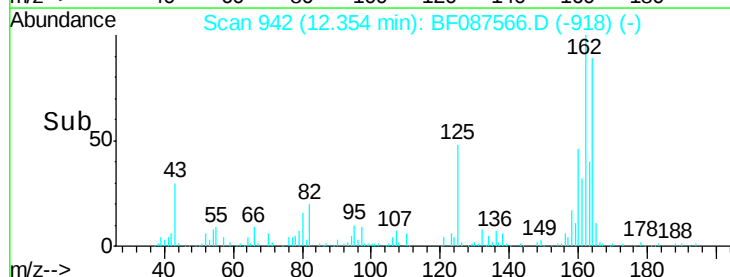
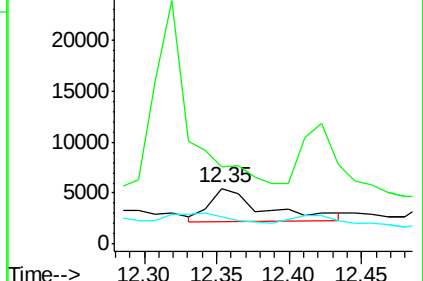
92 49.9 87.8 131.8#

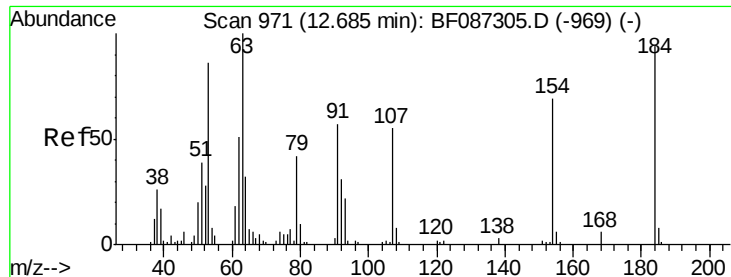


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

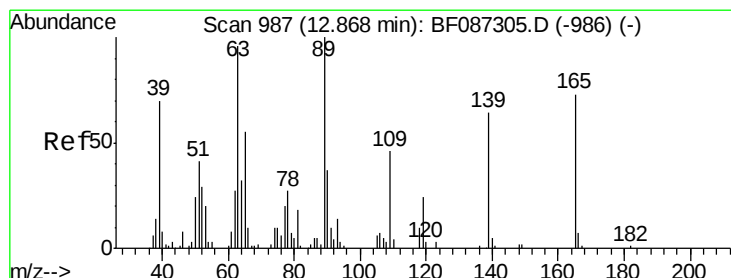
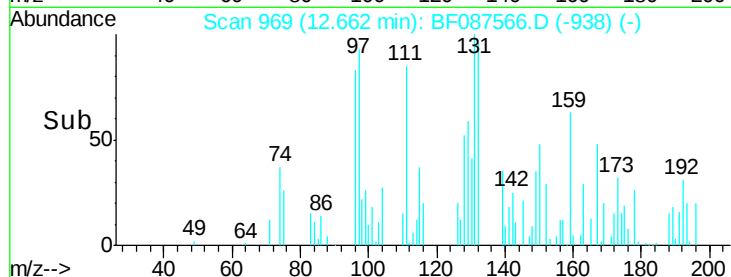
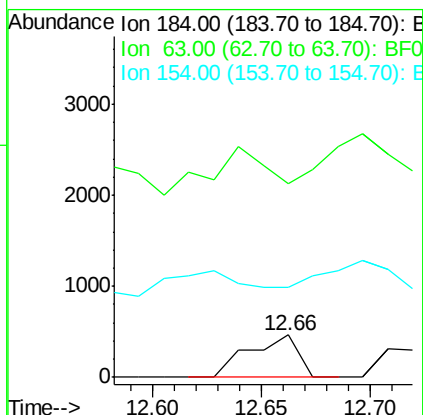
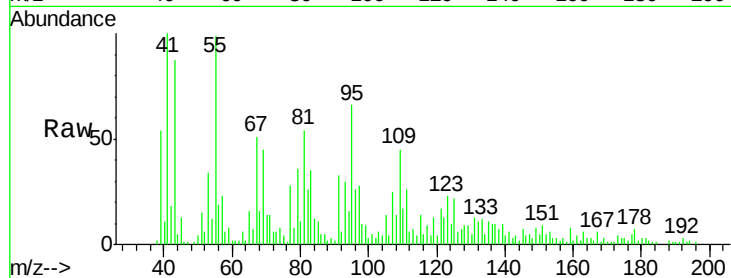




#53
 2,4-Dinitrophenol
 Concen: 7.00 ng
 RT: 12.66 min Scan# 969
 Delta R.T. 0.06 min
 Lab File: BF087566.D
 Acq: 31 May 2016 00:28

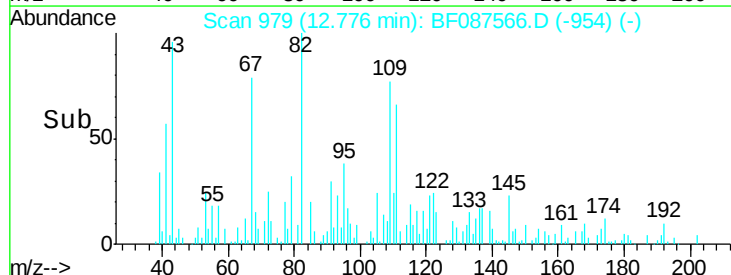
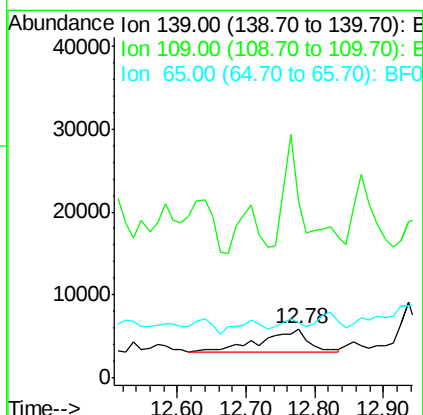
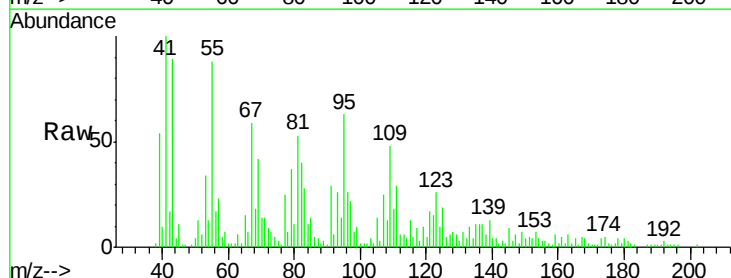
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 MW-16

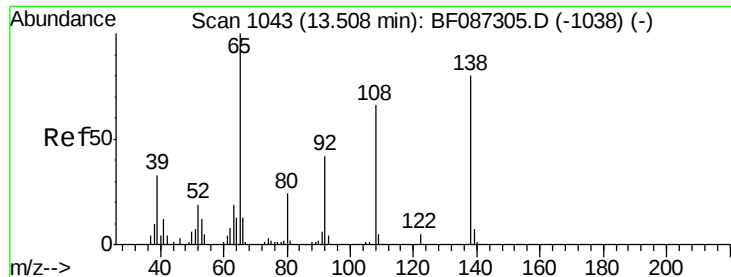
Tgt Ion:184 Resp: 736
 Ion Ratio Lower Upper
 184 100
 63 457.5 55.8 83.8#
 154 211.4 62.4 93.6#



#55
 4-Nitrophenol
 Concen: 9.78 ng
 RT: 12.78 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF087566.D
 Acq: 31 May 2016 00:28

Tgt Ion:139 Resp: 13888
 Ion Ratio Lower Upper
 139 100
 109 357.9 36.9 76.9#
 65 111.9 64.0 104.0#

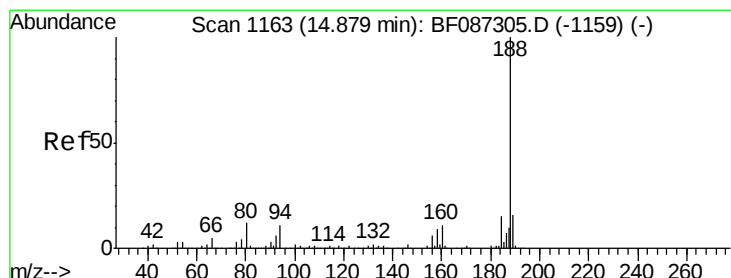
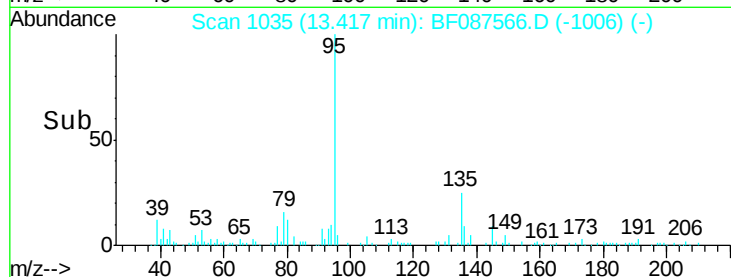
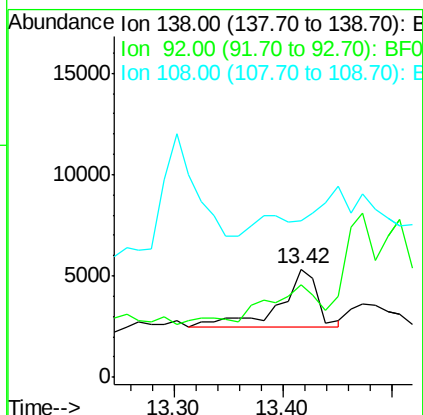
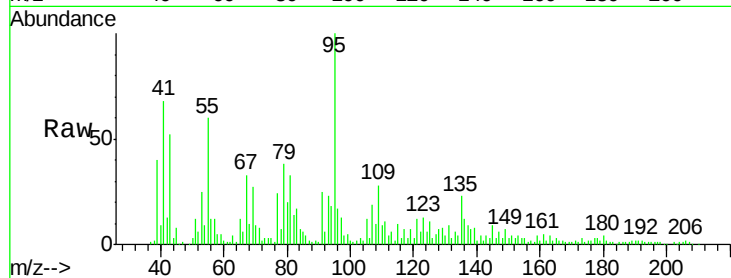




#61
4-Nitroaniline
Concen: 2.60 ng
RT: 13.42 min Scan# 1035
Delta R.T. 0.03 min
Lab File: BF087566.D
Acq: 31 May 2016 00:28

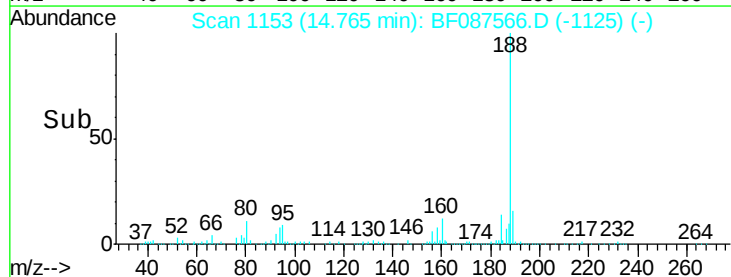
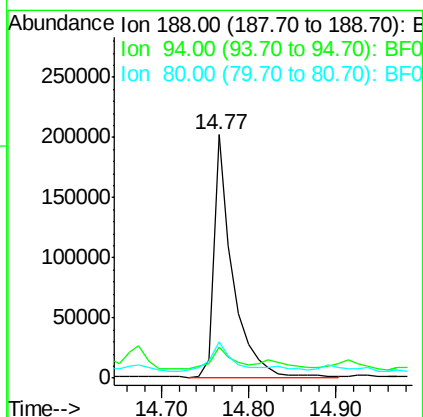
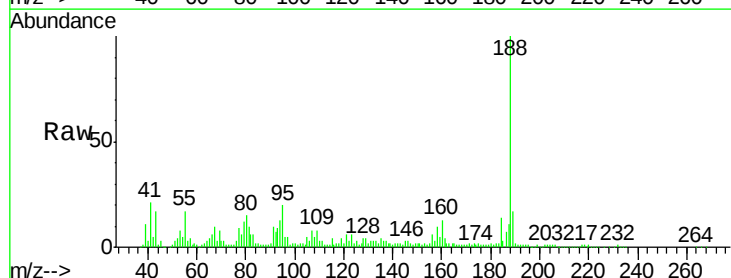
Instrument :
BNA_F
ClientSampled :
MW-16

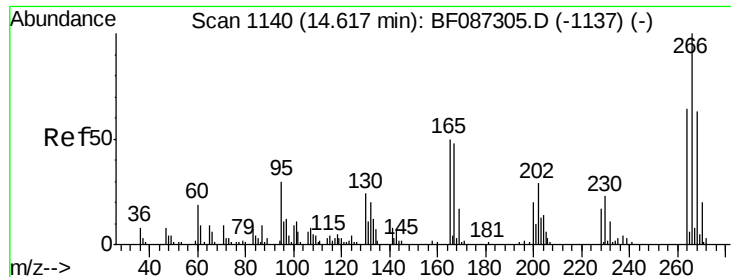
Tgt Ion:138 Resp: 7236
Ion Ratio Lower Upper
138 100
92 85.0 24.7 64.7#
108 143.8 37.4 77.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF087566.D
Acq: 31 May 2016 00:28

Tgt Ion:188 Resp: 301102
Ion Ratio Lower Upper
188 100
94 13.0 6.8 10.2#
80 14.9 7.1 10.7#

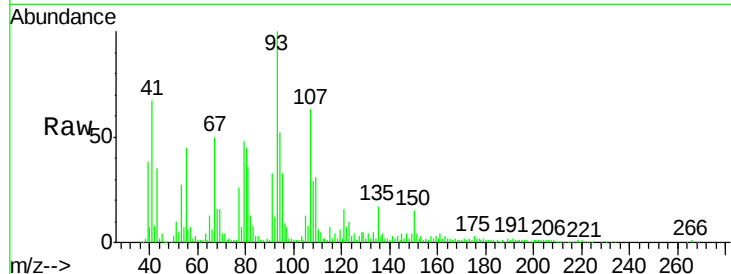




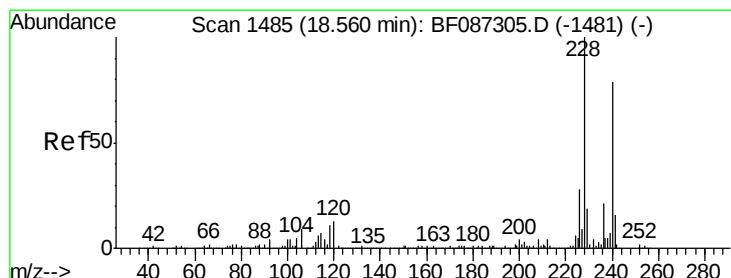
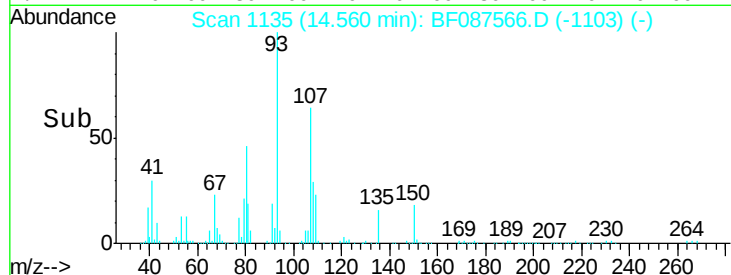
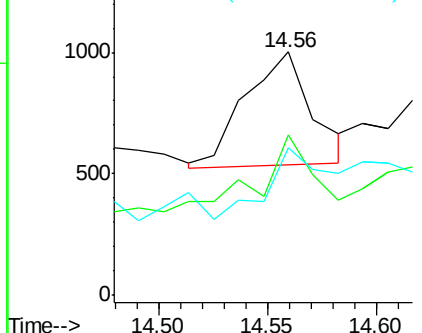
#69
 Pentachlorophenol
 Concen: 7.04 ng
 RT: 14.56 min Scan# 1135
 Delta R.T. 0.07 min
 Lab File: BF087566.D
 Acq: 31 May 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion: 266 Resp: 1001
 Ion Ratio Lower Upper
 266 100
 268 66.1 51.5 77.3
 264 60.8 52.9 79.3

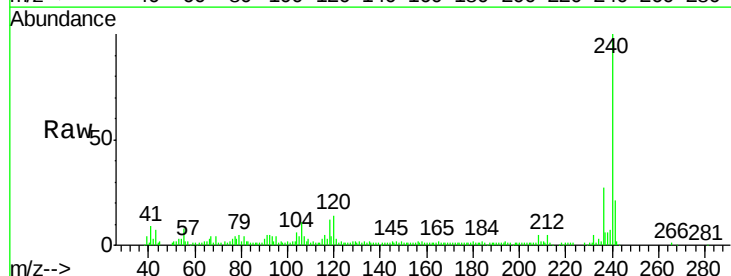


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

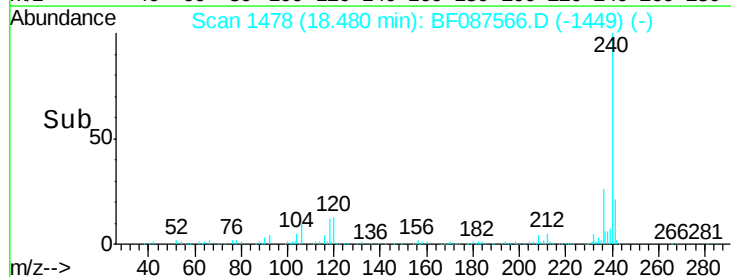
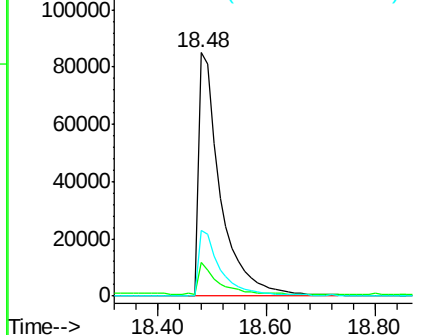


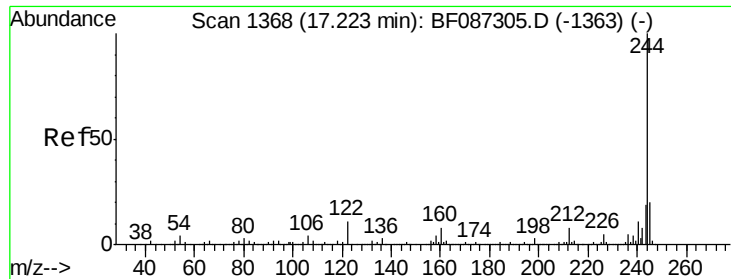
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.48 min Scan# 1478
 Delta R.T. 0.03 min
 Lab File: BF087566.D
 Acq: 31 May 2016 00:28

Tgt Ion: 240 Resp: 235936
 Ion Ratio Lower Upper
 240 100
 120 13.7 11.2 16.8
 236 26.8 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

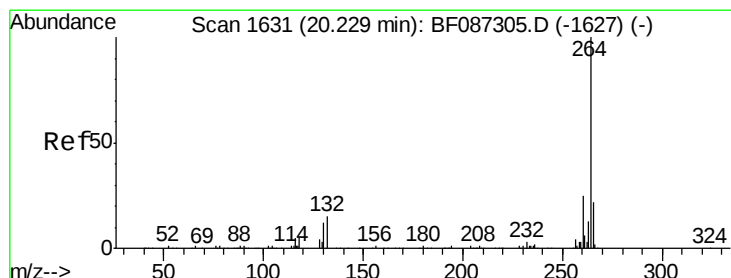
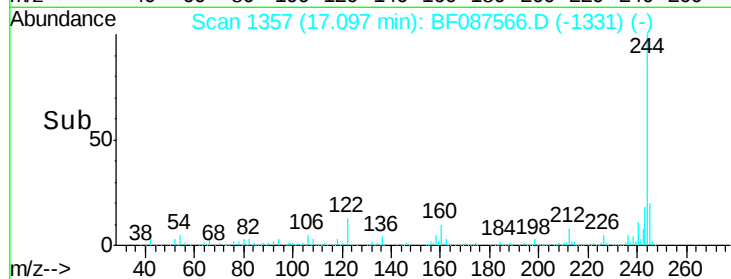
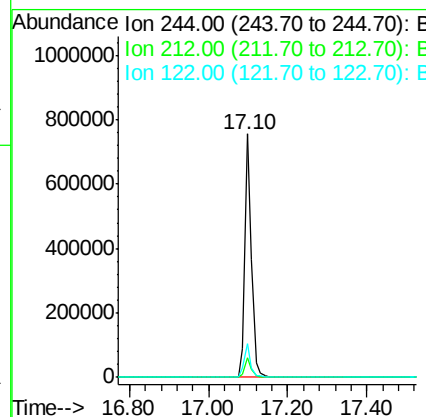
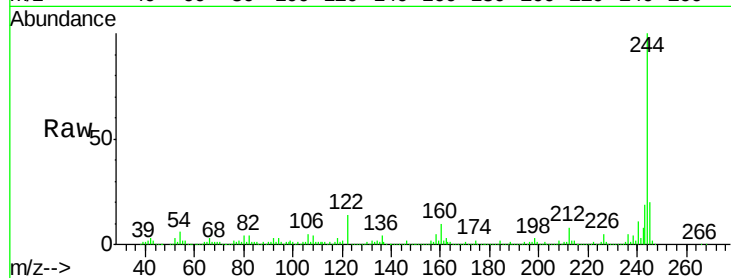




#78
 Terphenyl-d14
 Concen: 79.50 ng
 RT: 17.10 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF087566.D
 Acq: 31 May 2016 00:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:244 Resp: 882249
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.2
 122 13.7 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.18 min Scan# 1627
 Delta R.T. 0.06 min
 Lab File: BF087566.D
 Acq: 31 May 2016 00:28

Tgt Ion:264 Resp: 191404
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.7 17.3 25.9

