

Data Path : Z:\HPCHEM1\BNA F\Data\BF051916\RAW\
 Data File : BF087207.D
 Acq On : 20 May 2016 2:46
 Operator : UM/SJ
 Sample : H3121-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

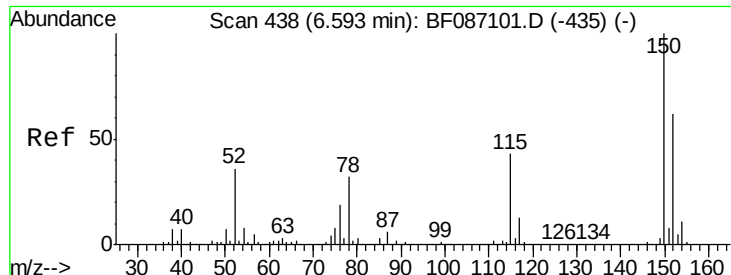
Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: May 20 09:55:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:47:59 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.570	152	125147	20.00	ng	-0.03
21) Naphthalene-d8	7.850	136	474822	20.00	ng	-0.05
38) Acenaphthene-d10	9.599	164	201673	20.00	ng	-0.05
63) Phenanthrene-d10	11.085	188	352773	20.00	ng	-0.03
75) Chrysene-d12	13.702	240	257619	20.00	ng	-0.06
86) Perylene-d12	15.063	264	256480	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.153	112	509034	34.18	ng	-0.05
7) Phenol-d6	6.239	99	421452	21.10	ng	-0.05
23) Nitrobenzene-d5	7.142	82	928105	48.71	ng	-0.05
41) 2,4,6-Tribromophenol	10.399	330	306630	68.79	ng	-0.05
44) 2-Fluorobiphenyl	8.936	172	1282748	52.67	ng	-0.05
78) Terphenyl-d14	12.662	244	834546	36.64	ng	-0.05
Target Compounds						
						Qvalue
15) Benzyl Alcohol	6.719	79	18014	2.42	ng	# 45
18) Hexachloroethane	7.142	117	100431	26.66	ng	# 10
22) Acetophenone	6.970	105	39016	3.36	ng	# 54
25) Isophorone	7.142	82	831212	47.66	ng	# 69
32) Benzoic acid	7.702	122	13688	3.12	ng	# 47
36) 4-Chloro-3-methylphenol	8.456	107	50561	6.47	ng	# 21
52) 3-Nitroaniline	9.588	138	12555	3.47	ng	# 34
53) 2,4-Dinitrophenol	9.691	184	522	5.00	ng	# 1
59) Diethylphthalate	10.022	149	34430	2.34	ng	# 60
66) 4-Bromophenyl-phenylether	10.399	248	19488	5.37	ng	# 1
69) Pentachlorophenol	10.914	266	6748	4.27	ng	92

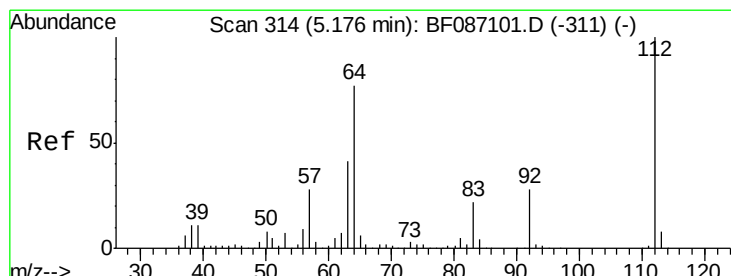
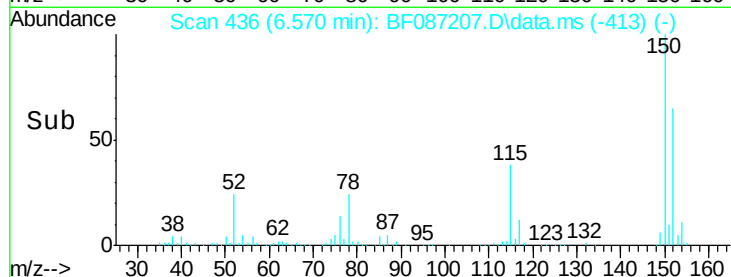
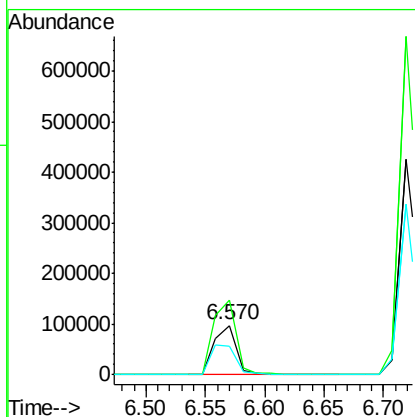
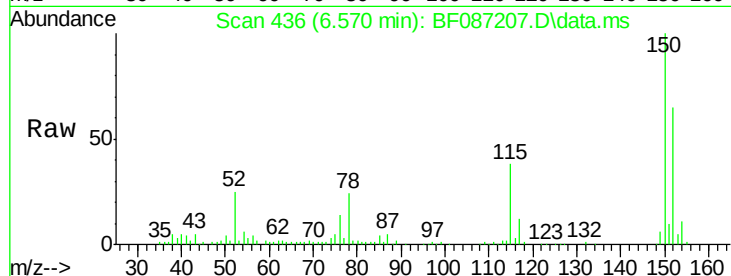
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.570 min Scan# 43
 Delta R.T. -0.034 min
 Lab File: BF087207.D
 Acq: 20 May 2016 2:46

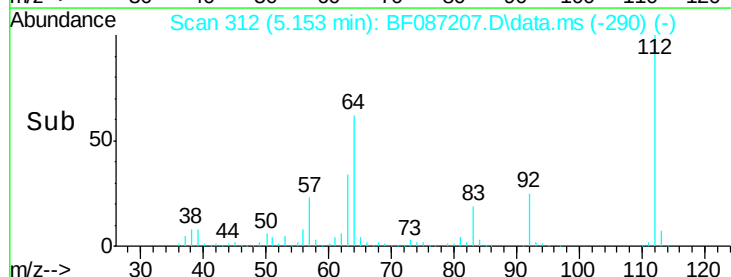
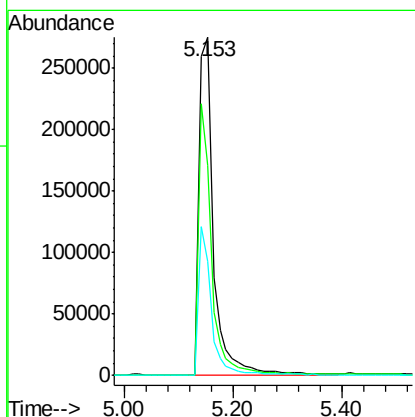
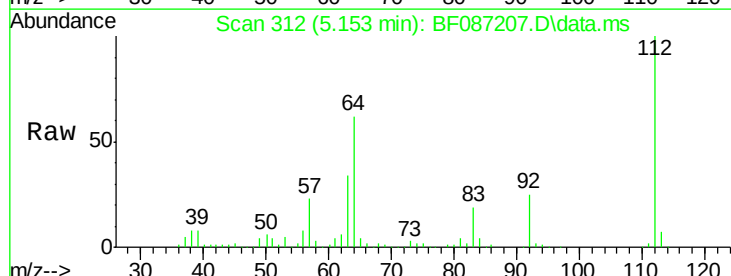
Instrument :
 BNA_F
 ClientSampleId :
 MW-06

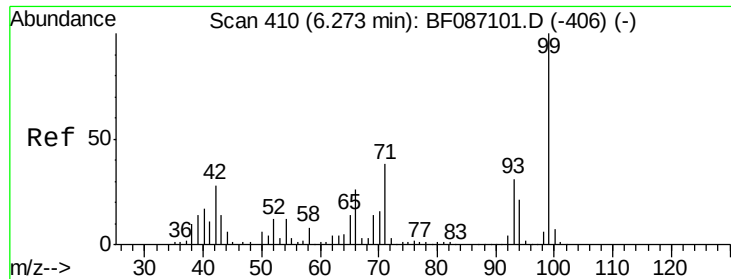
Tot Ion:152 Resp: 125147
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.8 188.6
 115 57.7 51.5 77.3



#5
 2-Fluorophenol
 Concen: 34.18 ng
 RT: 5.153 min Scan# 312
 Delta R.T. -0.046 min
 Lab File: BF087207.D
 Acq: 20 May 2016 2:46

Tgt Ion:112 Resp: 509034
 Ion Ratio Lower Upper
 112 100
 64 62.1 52.1 78.1
 63 33.8 25.7 38.5





#7

Phenol-d6

Concen: 21.10 ng

RT: 6.239 min Scan# 40

Delta R.T. -0.046 min

Lab File: BF087207.D

Acq: 20 May 2016 2:46

Instrument :

BNA_F

ClientSampleId :

MW-06

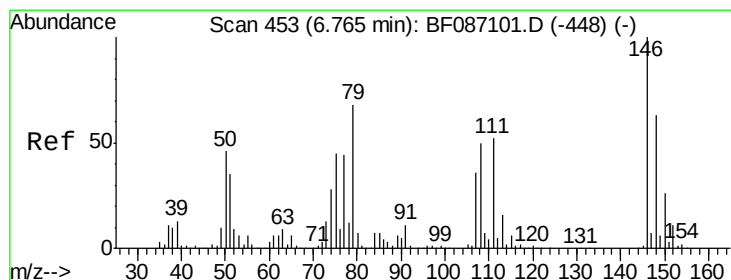
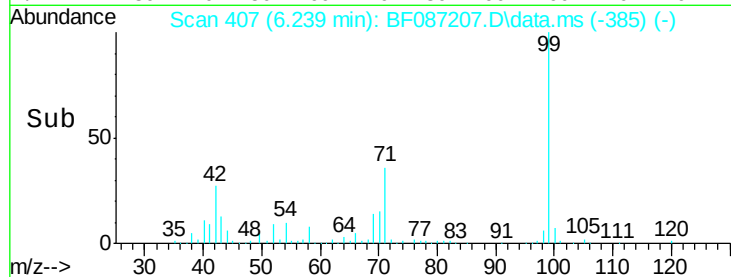
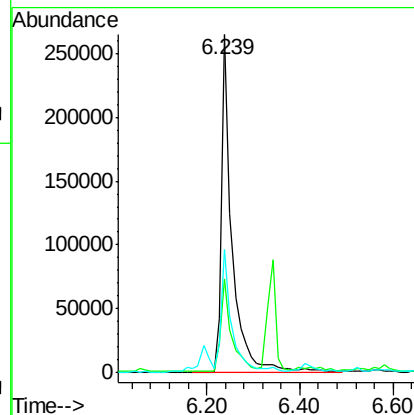
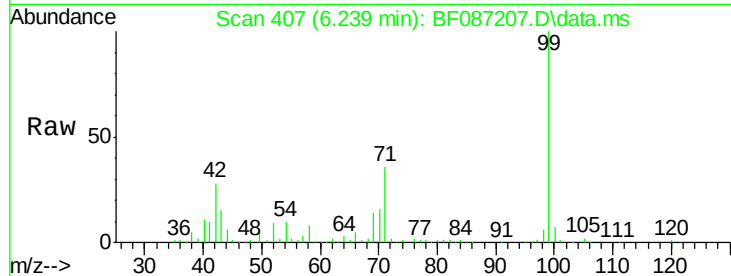
Tot Ion: 99 Resp: 421452

Ion Ratio Lower Upper

99 100

42 27.7 13.6 20.4#

71 36.3 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.42 ng

RT: 6.719 min Scan# 449

Delta R.T. -0.057 min

Lab File: BF087207.D

Acq: 20 May 2016 2:46

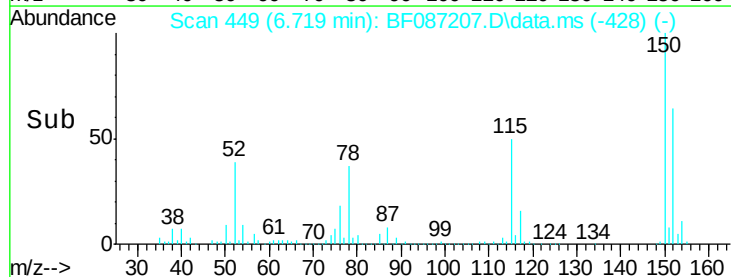
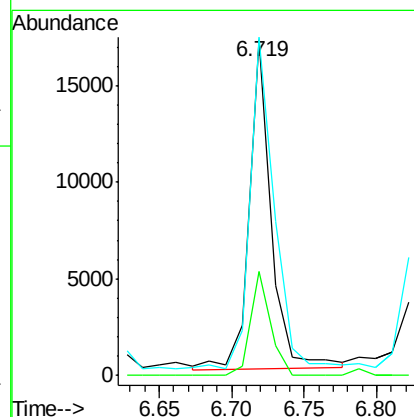
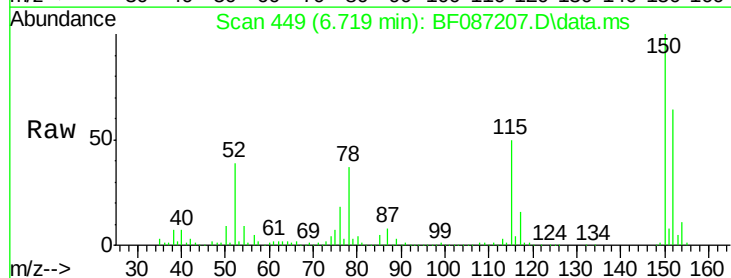
Tgt Ion: 79 Resp: 18014

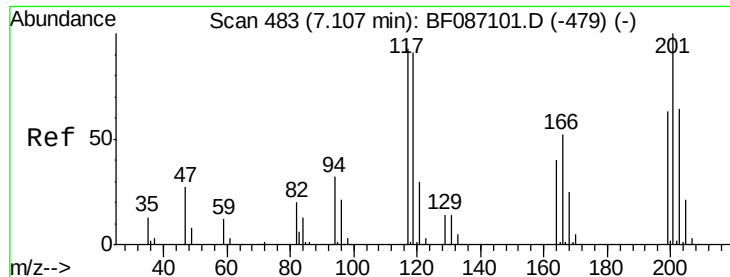
Ion Ratio Lower Upper

79 100

108 31.1 68.4 102.6#

77 100.7 50.6 76.0#





#18

Hexachloroethane

Concen: 26.66 ng

RT: 7.142 min Scan# 48

Delta R.T. 0.023 min

Lab File: BF087207.D

Acq: 20 May 2016 2:46

Instrument :

BNA_F

ClientSampleId :

MW-06

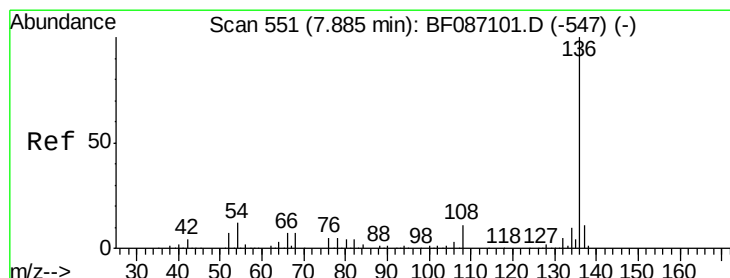
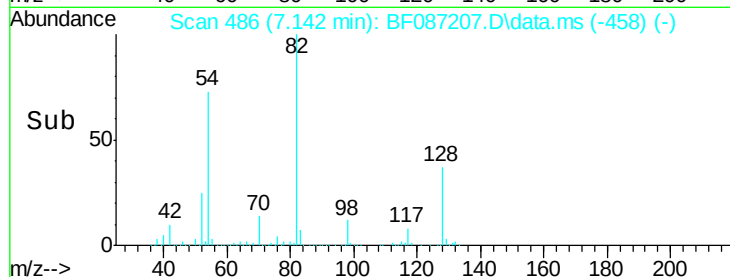
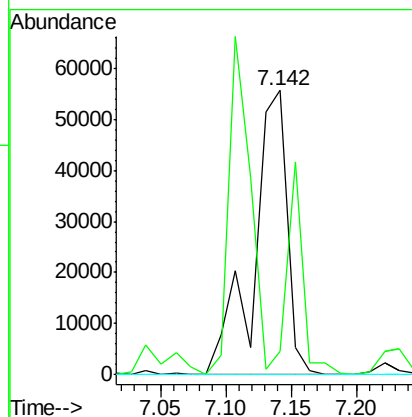
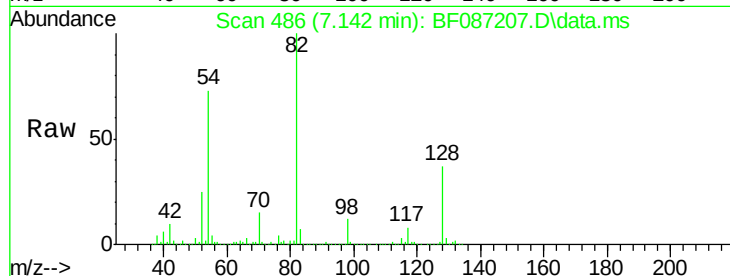
Tot Ion:117 Resp: 100431

Ion Ratio Lower Upper

117 100

119 8.0 76.5 114.7#

201 0.0 63.0 94.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.850 min Scan# 548

Delta R.T. -0.046 min

Lab File: BF087207.D

Acq: 20 May 2016 2:46

Tgt Ion:136 Resp: 474822

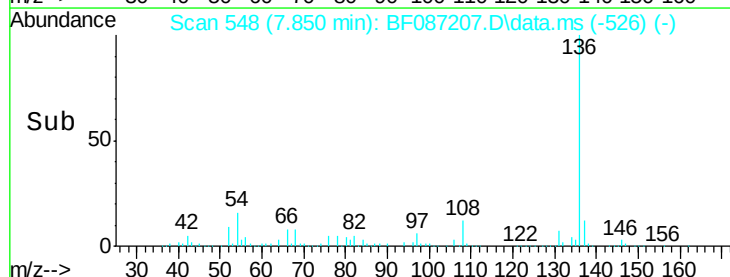
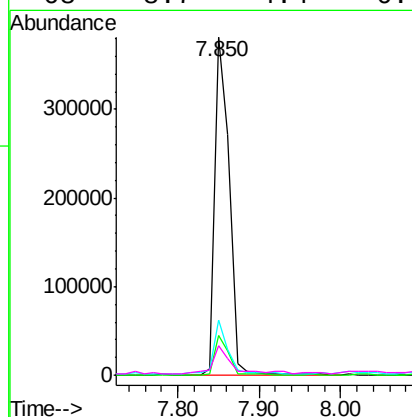
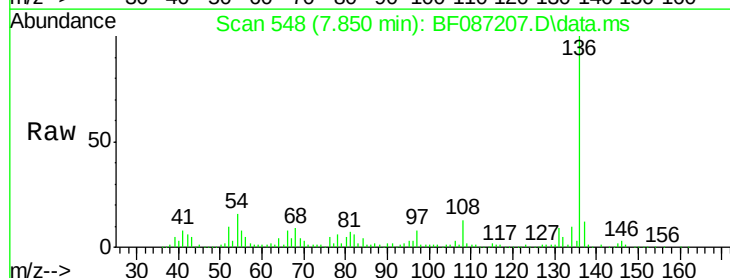
Ion Ratio Lower Upper

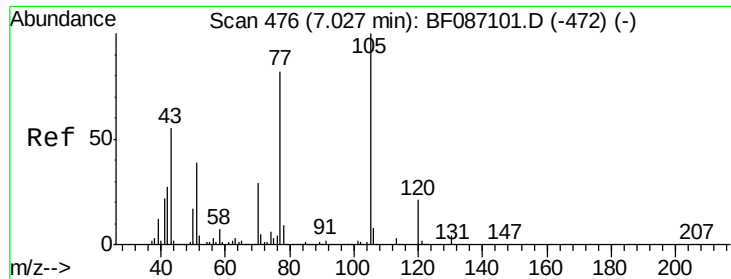
136 100

137 11.7 8.8 13.2

54 16.3 5.0 7.4#

68 8.7 4.4 6.6#





#22

Acetophenone

Concen: 3.36 ng

RT: 6.970 min Scan# 47

Delta R.T. -0.068 min

Lab File: BF087207.D

Acq: 20 May 2016 2:46

Instrument :

BNA_F

ClientSampleId :

MW-06

Tot Ion:105 Resp: 39016

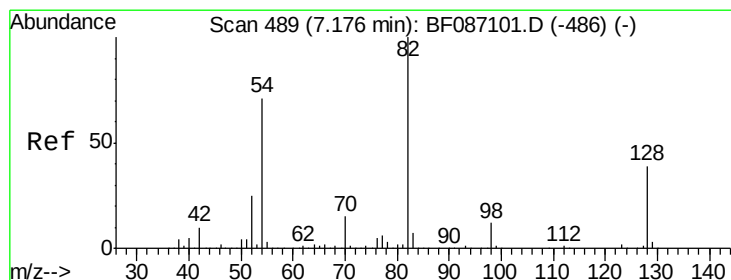
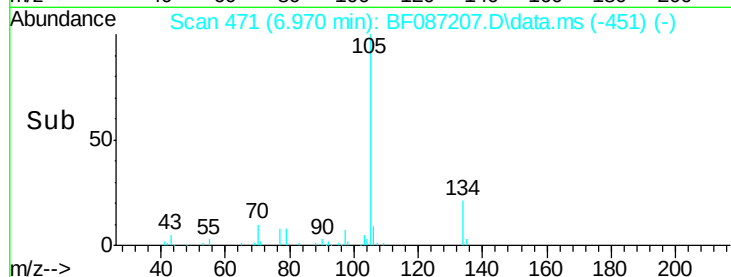
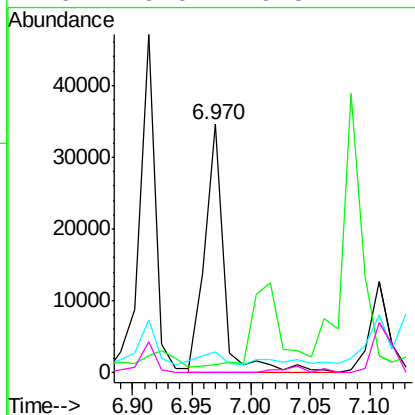
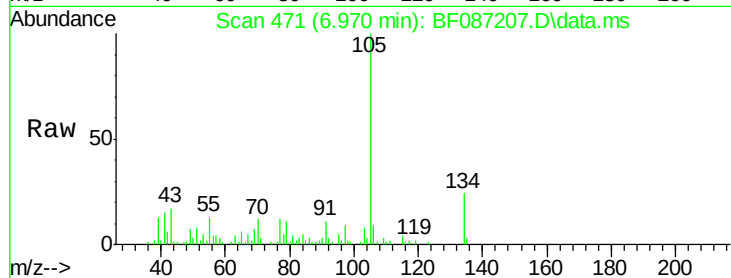
Ion Ratio Lower Upper

105 100

71 3.2 4.8 7.2#

51 8.3 32.6 49.0#

120 0.0 16.5 24.7#



#23

Nitrobenzene-d5

Concen: 48.71 ng

RT: 7.142 min Scan# 486

Delta R.T. -0.046 min

Lab File: BF087207.D

Acq: 20 May 2016 2:46

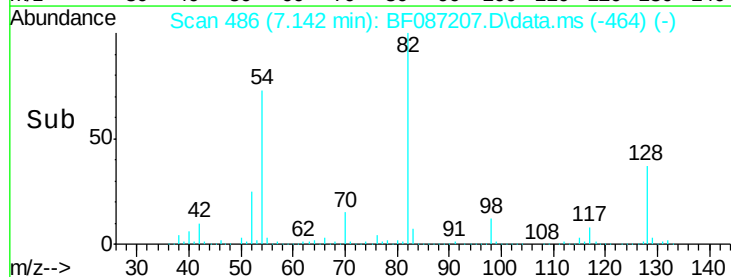
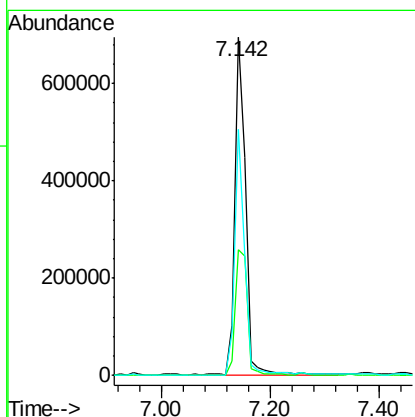
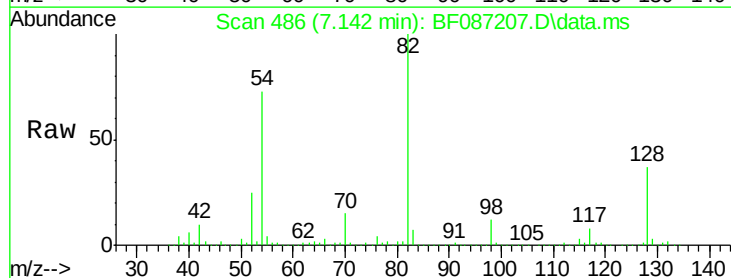
Tgt Ion: 82 Resp: 928105

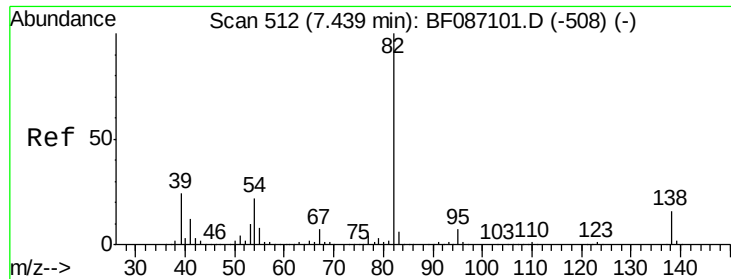
Ion Ratio Lower Upper

82 100

128 37.3 40.6 61.0#

54 72.7 38.1 57.1#





#25

Isophorone

Concen: 47.66 ng

RT: 7.142 min Scan# 48

Delta R.T. -0.308 min

Lab File: BF087207.D

Acq: 20 May 2016 2:46

Instrument :

BNA_F

ClientSampleId :

MW-06

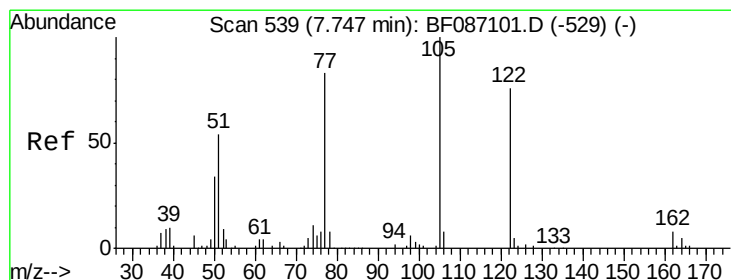
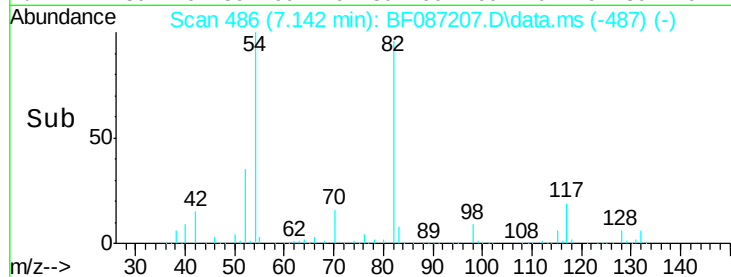
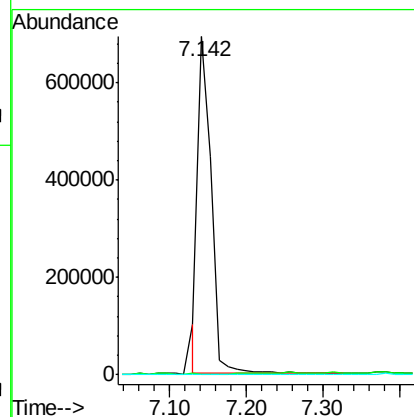
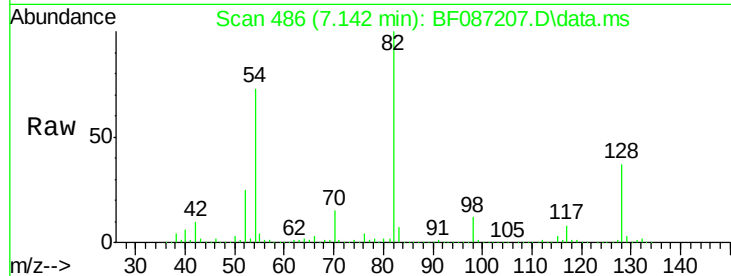
Tot Ion: 82 Resp: 831212

Ion Ratio Lower Upper

82 100

95 0.2 5.1 7.7#

138 0.0 12.4 18.6#



#32

Benzoic acid

Concen: 3.12 ng

RT: 7.702 min Scan# 535

Delta R.T. -0.046 min

Lab File: BF087207.D

Acq: 20 May 2016 2:46

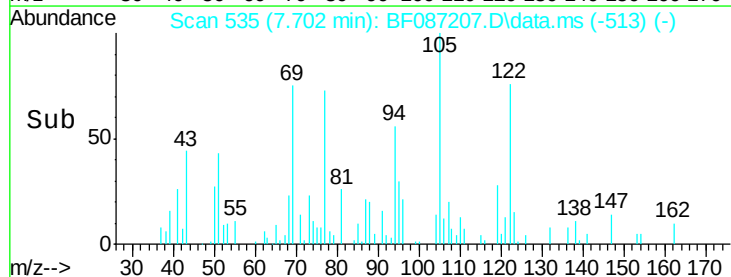
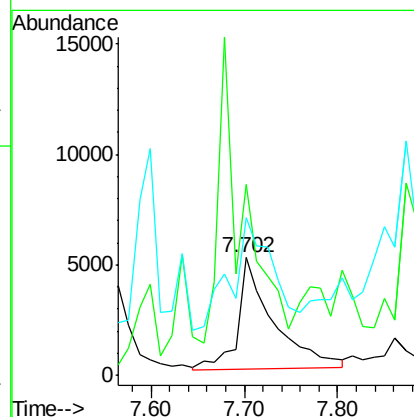
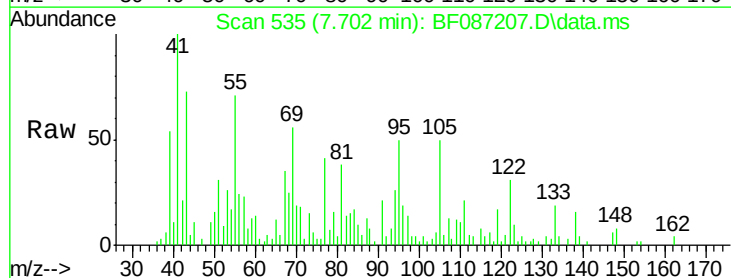
Tgt Ion: 122 Resp: 13688

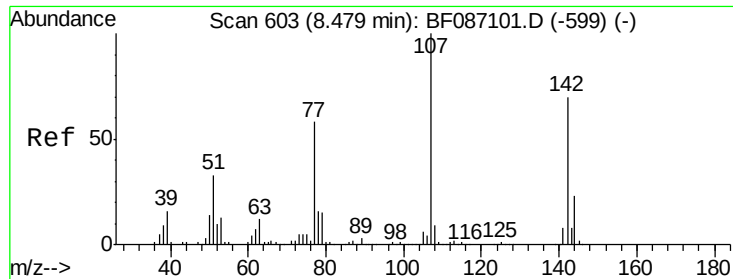
Ion Ratio Lower Upper

122 100

105 162.6 92.6 132.6#

77 133.9 60.0 100.0#

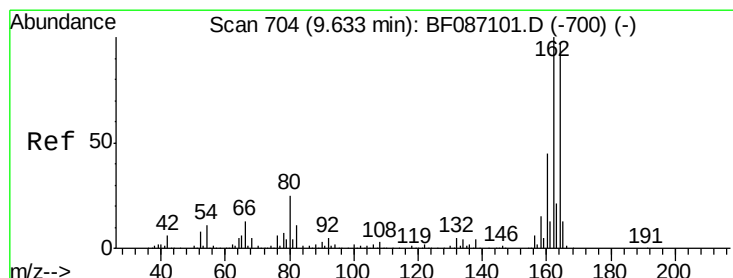
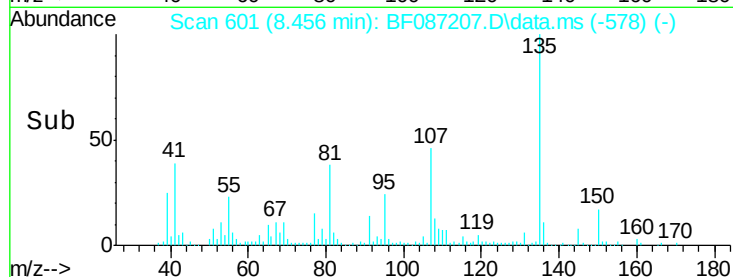
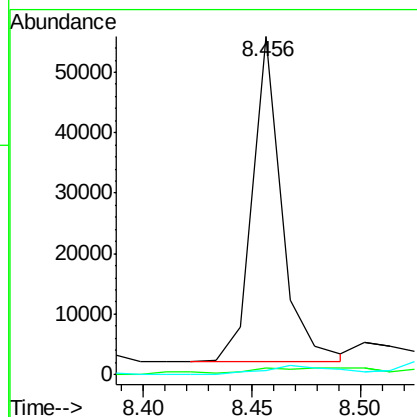
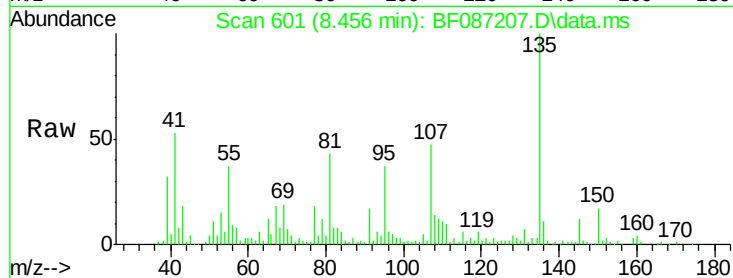




#36
4-Chloro-3-methylphenol
Concen: 6.47 ng
RT: 8.456 min Scan# 60
Delta R.T. -0.034 min
Lab File: BF087207.D
Acq: 20 May 2016 2:46

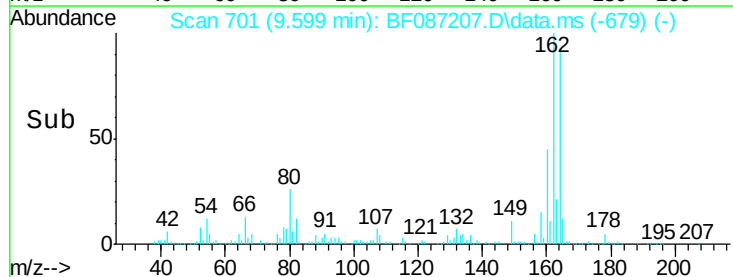
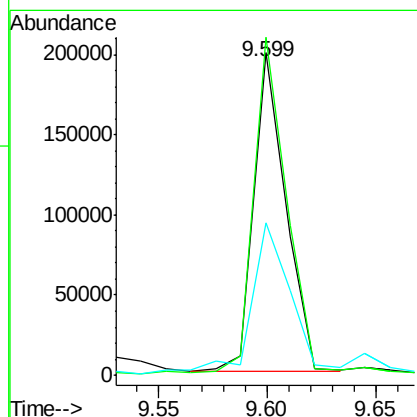
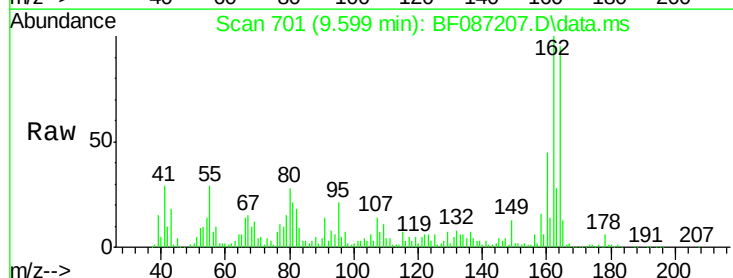
Instrument :
BNA_F
ClientSampleId :
MW-06

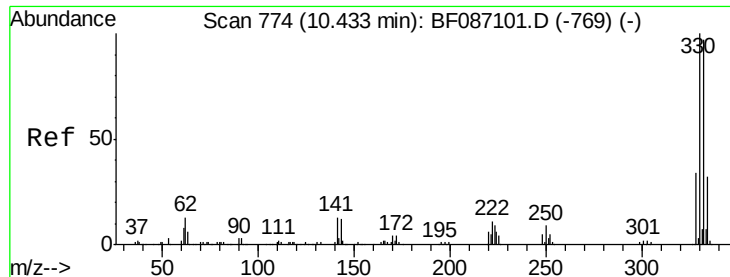
Tot Ion	Ratio	Lower	Upper
107	100		
144	1.8	20.7	31.1#
142	1.1	63.2	94.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.599 min Scan# 701
Delta R.T. -0.046 min
Lab File: BF087207.D
Acq: 20 May 2016 2:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.8	124.2
160	47.3	36.9	55.3

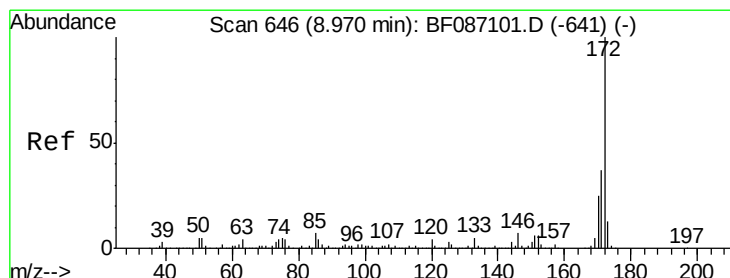
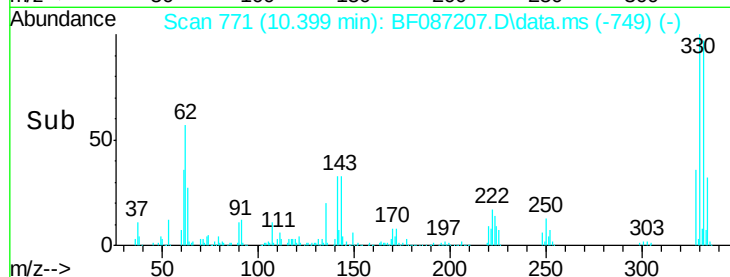
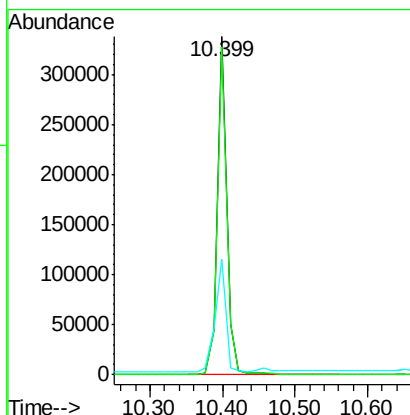
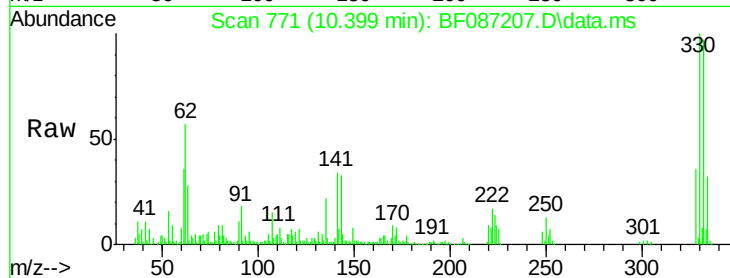




#41
 2,4,6-Tribromophenol
 Concen: 68.79 ng
 RT: 10.399 min Scan# 774
 Delta R.T. -0.046 min
 Lab File: BF087207.D
 Acq: 20 May 2016 2:46

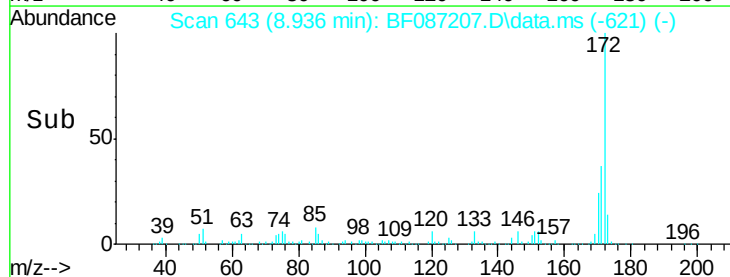
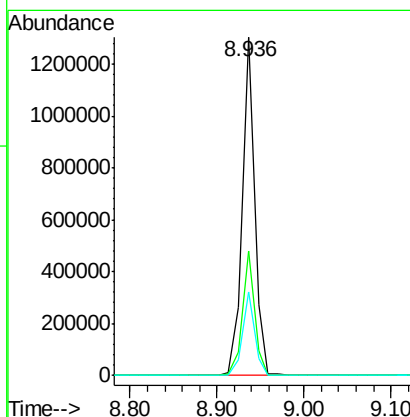
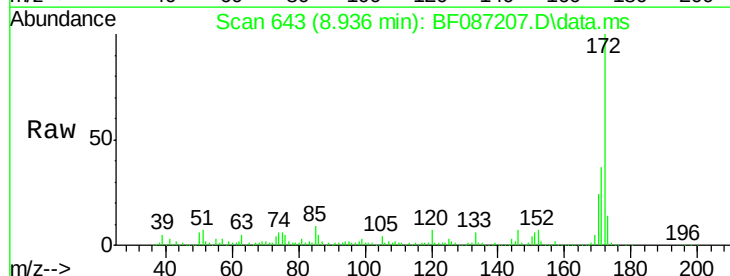
Instrument :
 BNA_F
 ClientSampleId :
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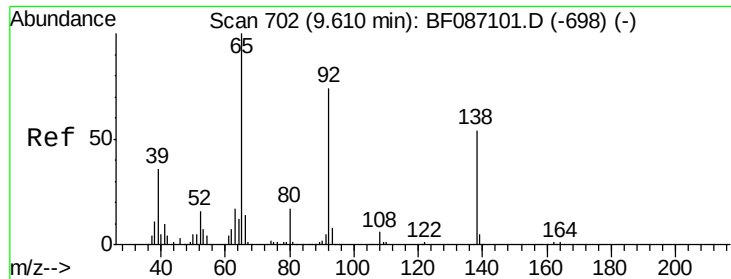
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	37.7	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 52.67 ng
 RT: 8.936 min Scan# 643
 Delta R.T. -0.046 min
 Lab File: BF087207.D
 Acq: 20 May 2016 2:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.5	19.8	29.8





#52

3-Nitroaniline

Concen: 3.47 ng

RT: 9.588 min Scan# 70

Delta R.T. -0.046 min

Lab File: BF087207.D

Acq: 20 May 2016 2:46

Instrument :

BNA_F

ClientSampleId :

MW-06

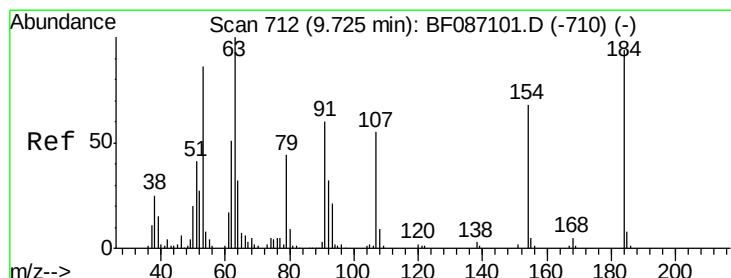
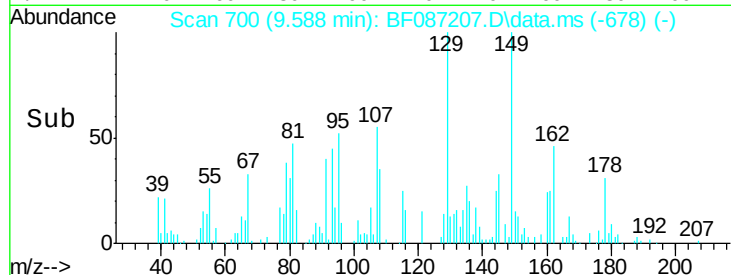
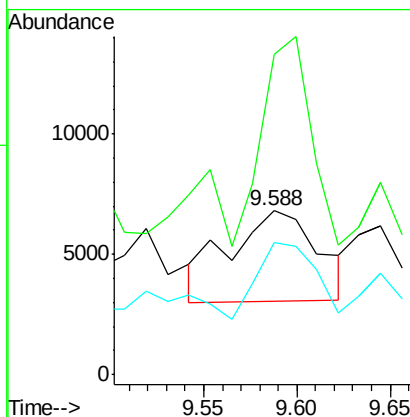
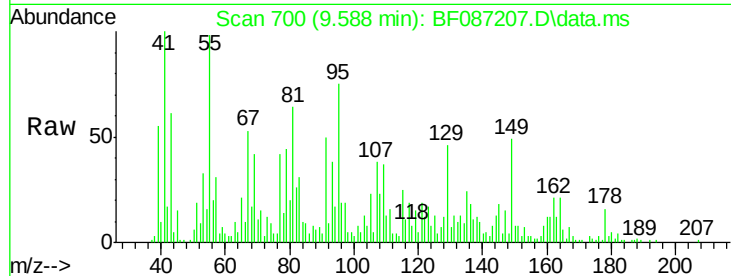
Tot Ion:138 Resp: 12555

Ion Ratio Lower Upper

138 100

108 195.7 7.8 11.6#

92 80.6 87.8 131.8#



#53

2,4-Dinitrophenol

Concen: 5.00 ng

RT: 9.691 min Scan# 709

Delta R.T. -0.045 min

Lab File: BF087207.D

Acq: 20 May 2016 2:46

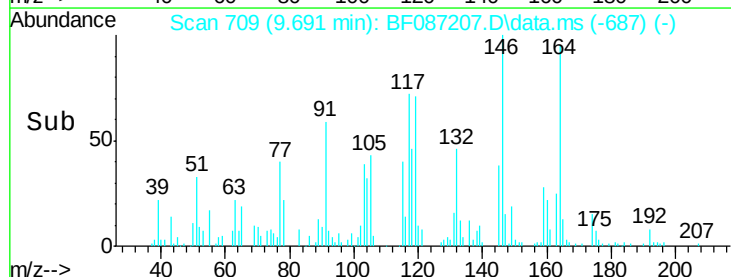
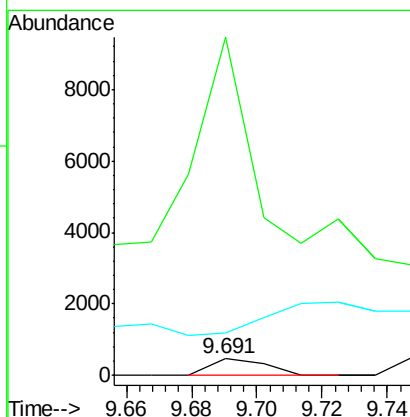
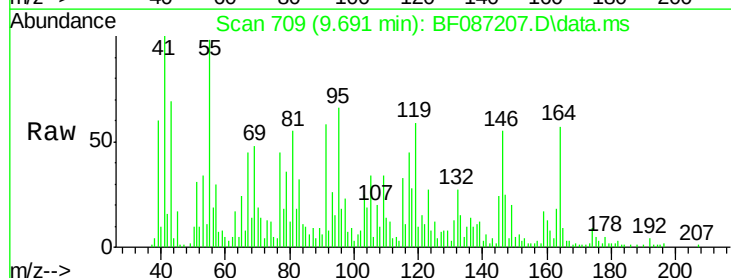
Tgt Ion:184 Resp: 522

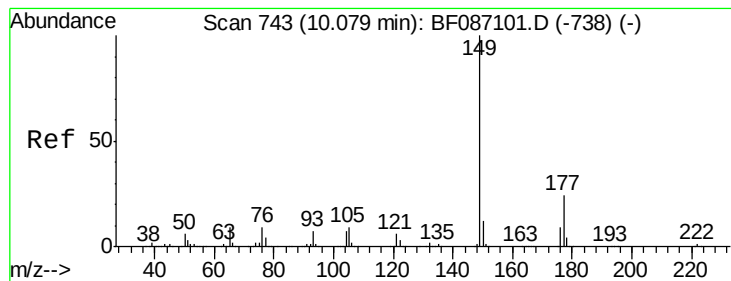
Ion Ratio Lower Upper

184 100

63 2094.0 55.8 83.8#

154 263.9 62.4 93.6#





#59

Diethylphthalate

Concen: 2.34 ng

RT: 10.022 min Scan# 73

Delta R.T. -0.068 min

Lab File: BF087207.D

Acq: 20 May 2016 2:46

Instrument :

BNA_F

ClientSampleId :

MW-06

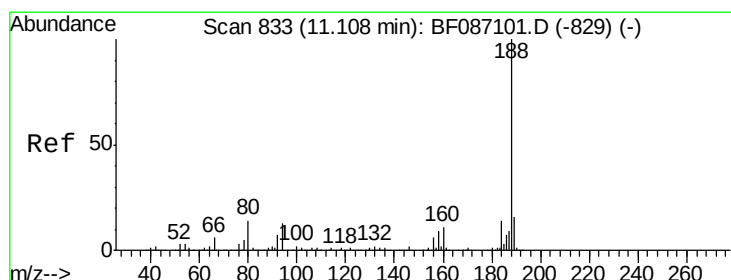
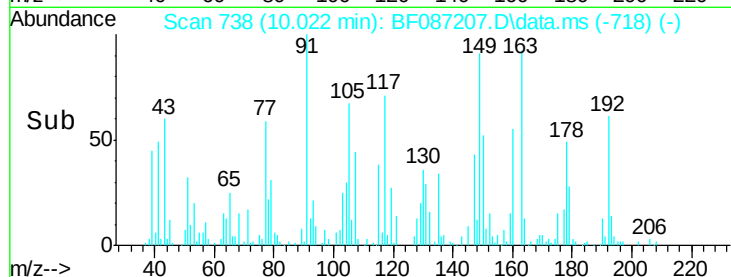
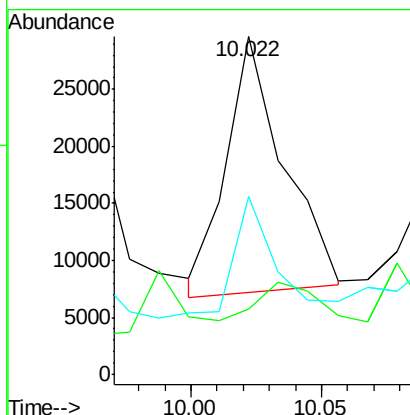
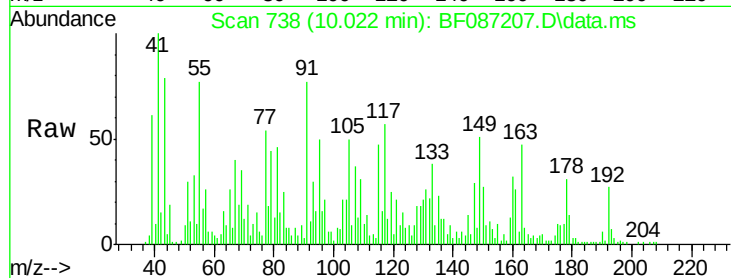
Tot Ion:149 Resp: 34430

Ion Ratio Lower Upper

149 100

177 19.5 16.6 24.8

150 52.8 10.0 15.0#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.085 min Scan# 831

Delta R.T. -0.034 min

Lab File: BF087207.D

Acq: 20 May 2016 2:46

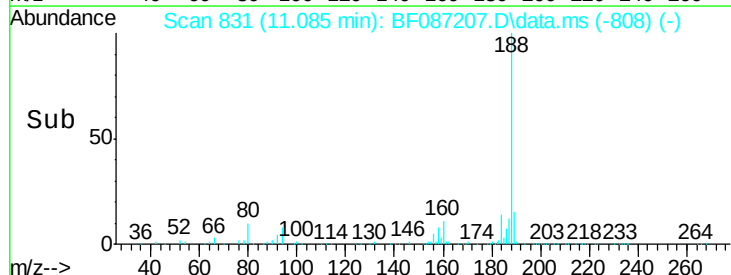
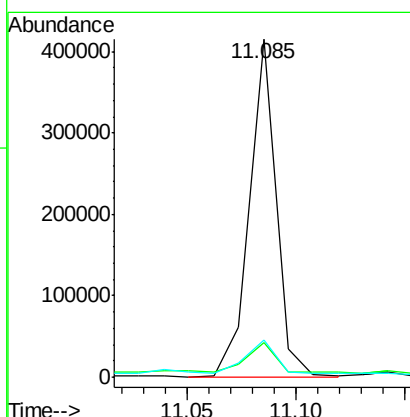
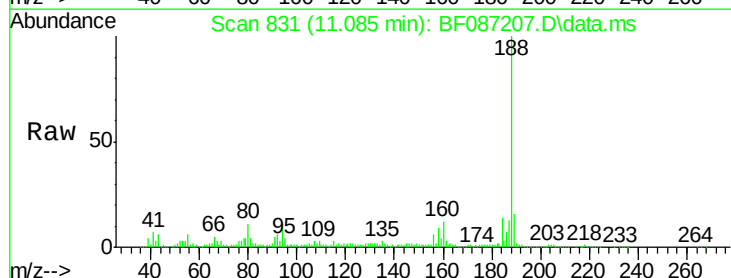
Tgt Ion:188 Resp: 352773

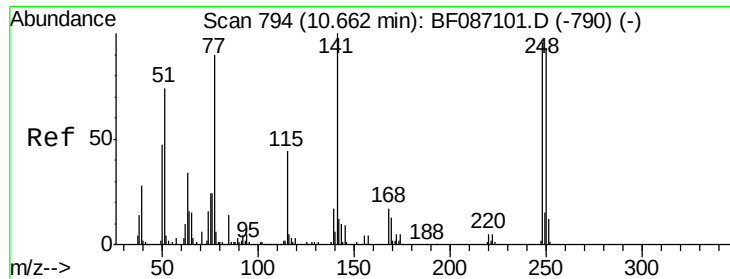
Ion Ratio Lower Upper

188 100

94 10.4 6.8 10.2#

80 10.9 7.1 10.7#

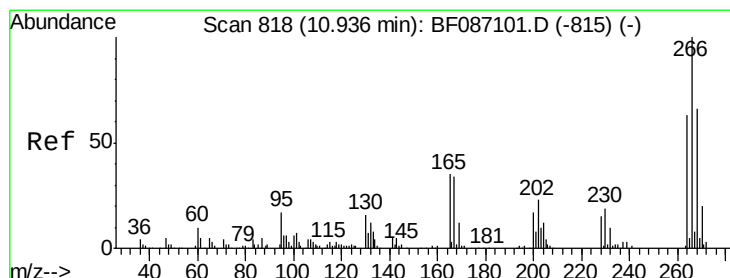
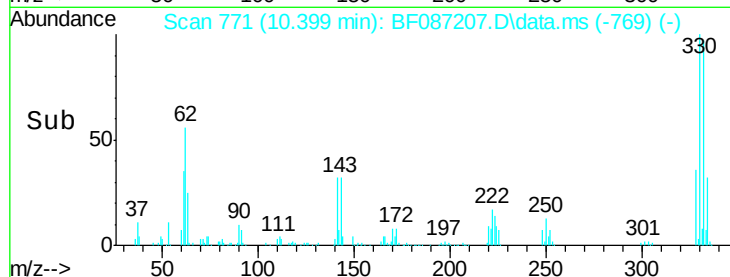
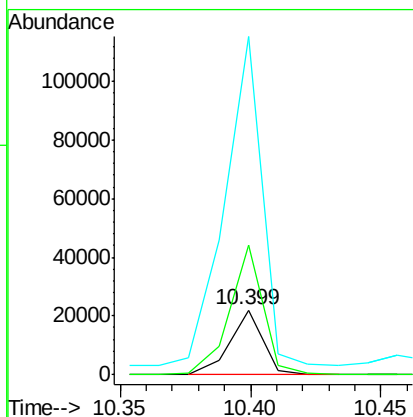
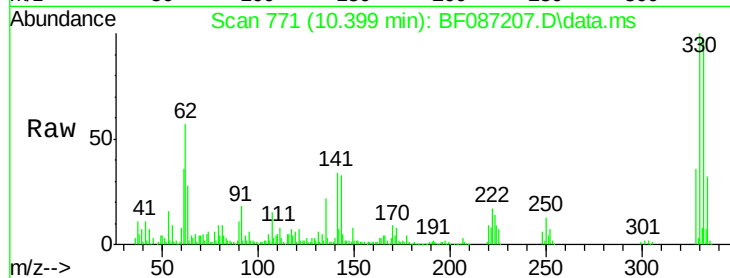




#66
4-Bromophenyl-phenylether
Concen: 5.37 ng
RT: 10.399 min Scan# 77
Delta R.T. -0.274 min
Lab File: BF087207.D
Acq: 20 May 2016 2:46

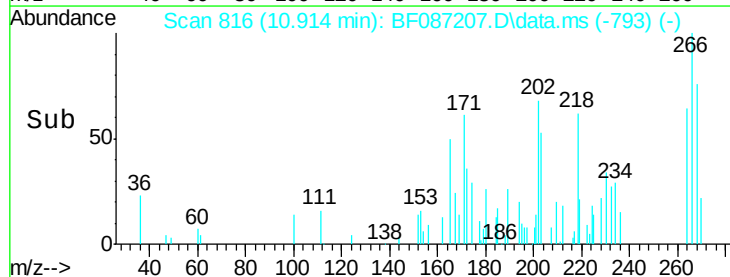
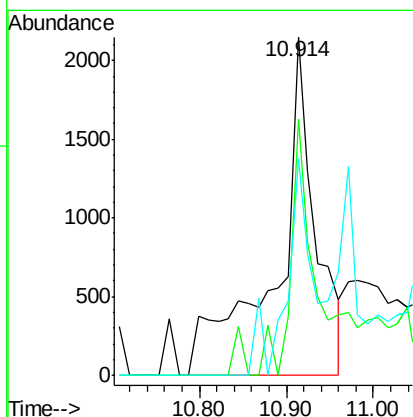
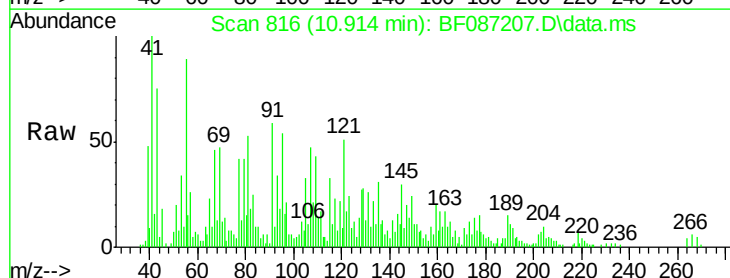
Instrument :
BNA_F
ClientSampleId :
MW-06

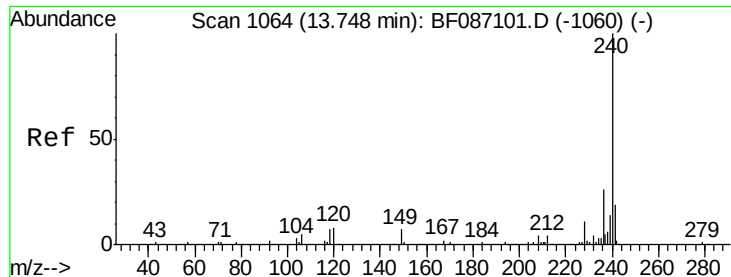
Tot Ion:248 Resp: 19488
Ion Ratio Lower Upper
248 100
250 200.6 78.6 117.8#
141 525.6 76.0 114.0#



#69
Pentachlorophenol
Concen: 4.27 ng
RT: 10.914 min Scan# 816
Delta R.T. -0.034 min
Lab File: BF087207.D
Acq: 20 May 2016 2:46

Tgt Ion:266 Resp: 6748
Ion Ratio Lower Upper
266 100
268 75.7 51.5 77.3
264 64.2 52.9 79.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.702 min Scan# 10

Delta R.T. -0.057 min

Lab File: BF087207.D

Acq: 20 May 2016 2:46

Instrument :

BNA_F

ClientSampleId :

MW-06

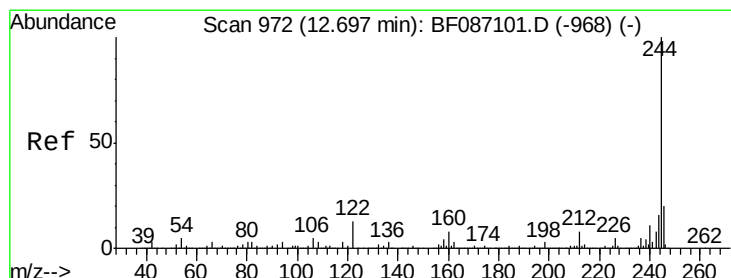
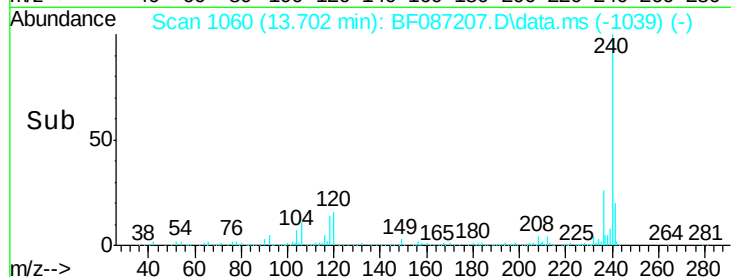
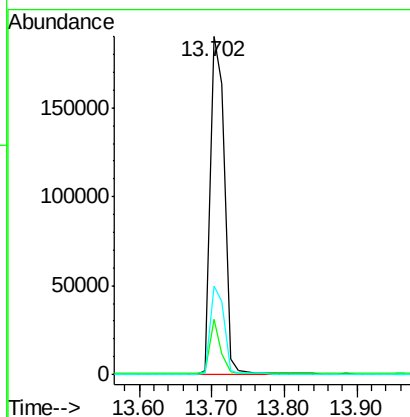
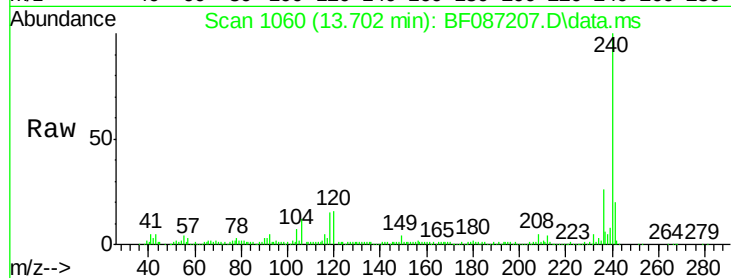
Tot Ion:240 Resp: 257619

Ion Ratio Lower Upper

240 100

120 16.2 11.2 16.8

236 26.3 21.2 31.8



#78

Terphenyl-d14

Concen: 36.64 ng

RT: 12.662 min Scan# 969

Delta R.T. -0.046 min

Lab File: BF087207.D

Acq: 20 May 2016 2:46

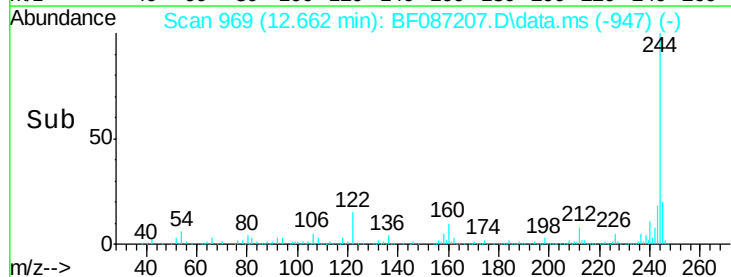
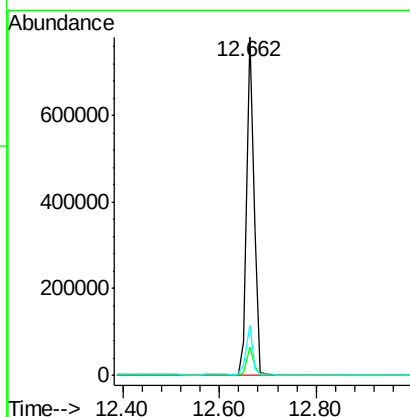
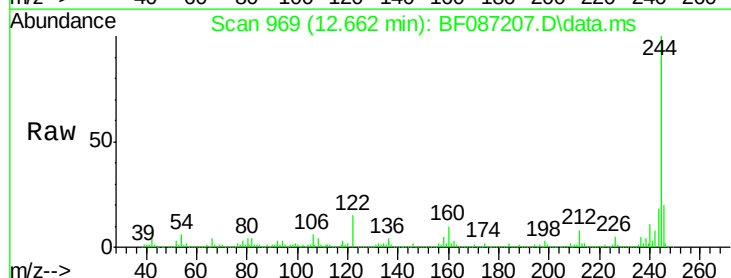
Tgt Ion:244 Resp: 834546

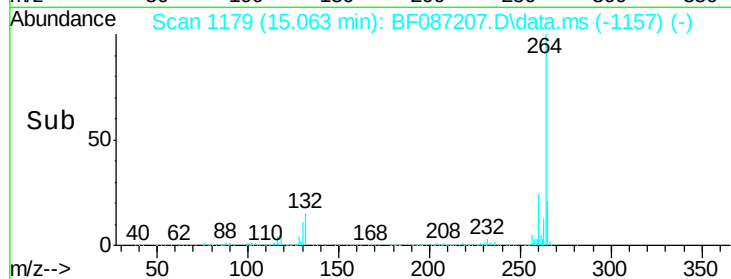
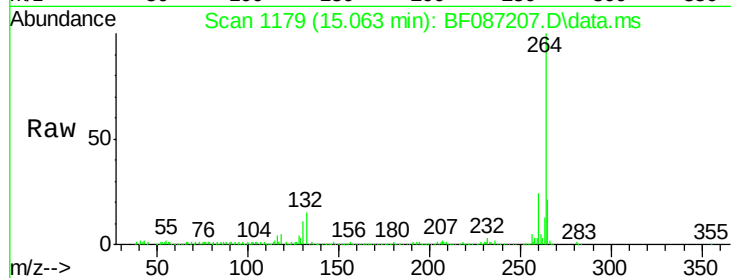
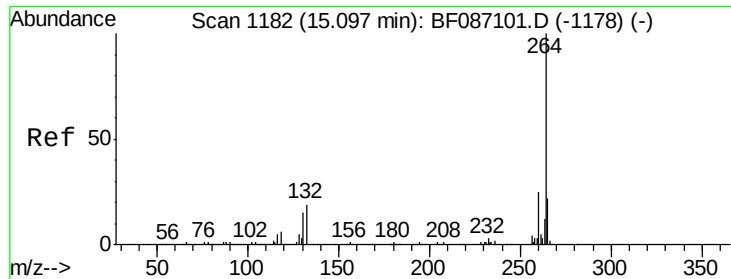
Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

122 15.0 12.0 18.0





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.063 min Scan# 11
 Delta R.T. -0.046 min
 Lab File: BF087207.D
 Acq: 20 May 2016 2:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tot Ion:	264	Resp:	256480
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.5	29.3
265	21.4	17.3	25.9

