

Data Path : Z:\HPCHEM1\BNA F\Data\BF051916\RAW\
 Data File : BF087215.D
 Acq On : 20 May 2016 6:38
 Operator : UM/SJ
 Sample : H3132-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-BWR-BB-R10-C5-2(0-19FT)

Quant Time: May 20 10:01:58 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)

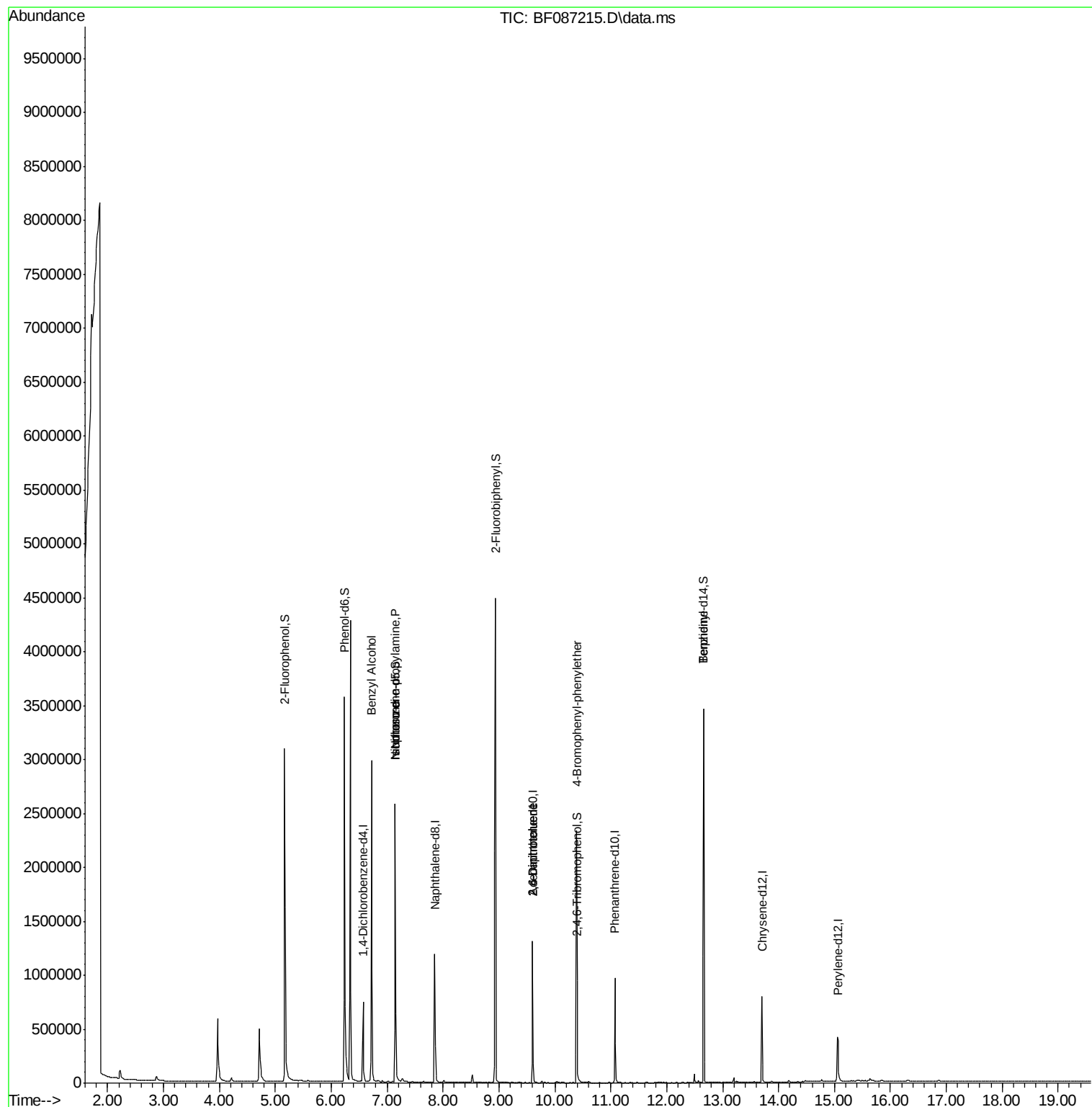
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.570	152	124180	20.00	ng	-0.03
21) Naphthalene-d8	7.850	136	514011	20.00	ng	-0.05
38) Acenaphthene-d10	9.599	164	234762	20.00	ng	-0.05
63) Phenanthrene-d10	11.073	188	368069	20.00	ng	-0.05
75) Chrysene-d12	13.702	240	267456	20.00	ng	-0.06
86) Perylene-d12	15.062	264	225847	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.164	112	962321	65.13	ng	-0.03
7) Phenol-d6	6.239	99	1161336	58.60	ng	-0.05
23) Nitrobenzene-d5	7.142	82	847099	41.07	ng	-0.05
41) 2,4,6-Tribromophenol	10.399	330	311261	59.99	ng	-0.05
44) 2-Fluorobiphenyl	8.936	172	1483456	52.33	ng	-0.05
78) Terphenyl-d14	12.662	244	1034740	43.76	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.719	79	15143	2.05	ng	Qvalue # 43
19) n-Nitroso-di-n-propyla...	7.142	70	120200	15.96	ng	# 74
25) Isophorone	7.142	82	739524	39.17	ng	# 68
50) 2,6-Dinitrotoluene	9.599	165	30067	7.73	ng	# 21
56) 2,4-Dinitrotoluene	9.599	165	30067	6.04	ng	# 16
66) 4-Bromophenyl-phenylether	10.388	248	17231	4.55	ng	# 1
76) Benzidine	12.662	184	16706	2.61	ng	97

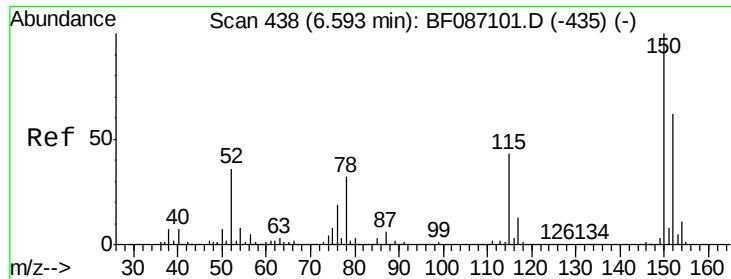
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.570 min Scan# 43

Delta R.T. -0.034 min

Lab File: BF087215.D

Acq: 20 May 2016 6:38

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C5-2(0-19FT)

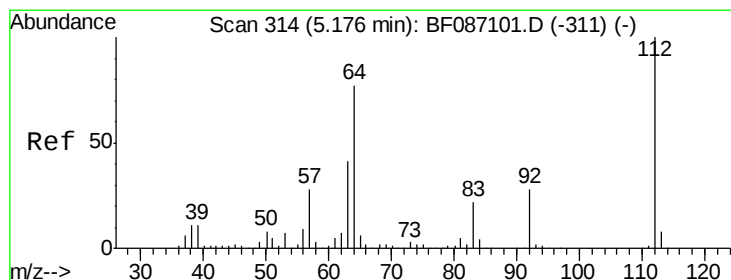
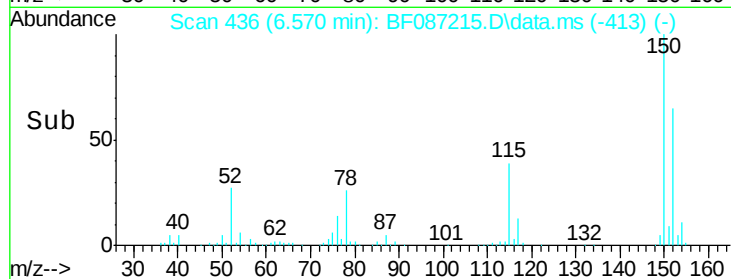
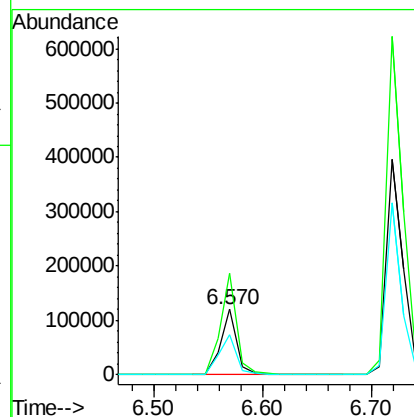
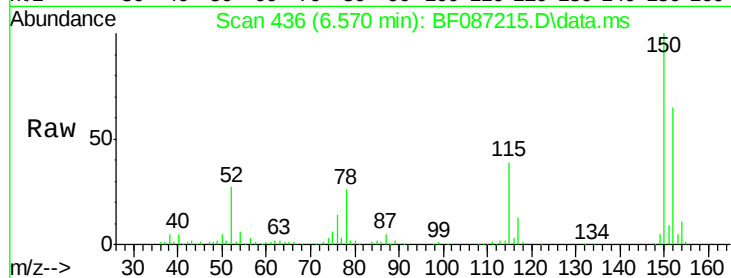
Tot Ion:152 Resp: 124180

Ion Ratio Lower Upper

152 100

150 154.8 125.8 188.6

115 60.1 51.5 77.3



#5

2-Fluorophenol

Concen: 65.13 ng

RT: 5.164 min Scan# 313

Delta R.T. -0.034 min

Lab File: BF087215.D

Acq: 20 May 2016 6:38

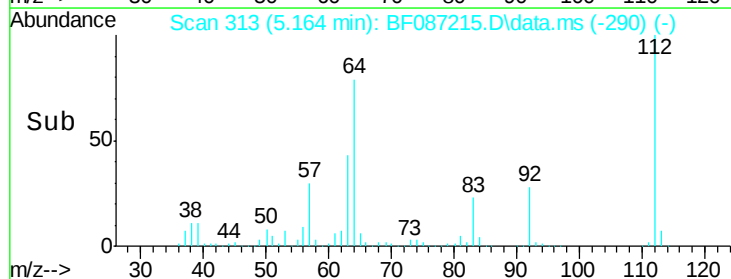
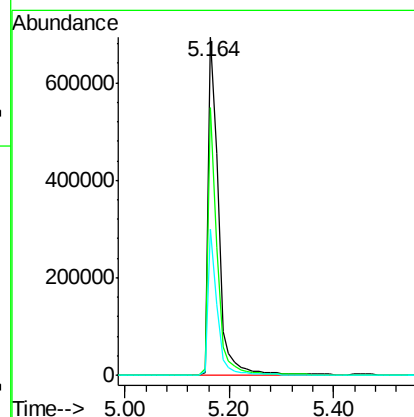
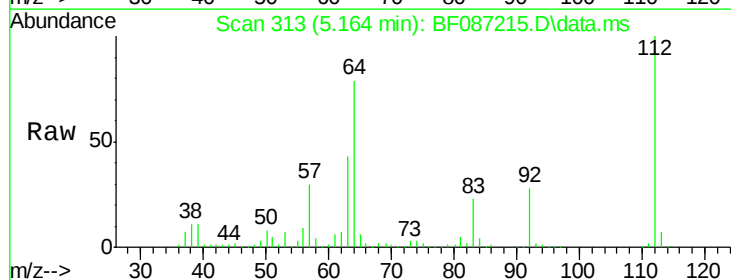
Tgt Ion:112 Resp: 962321

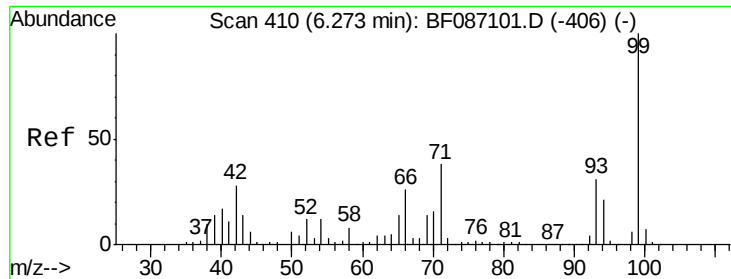
Ion Ratio Lower Upper

112 100

64 79.1 52.1 78.1#

63 43.2 25.7 38.5#





#7

Phenol-d6

Concen: 58.60 ng

RT: 6.239 min Scan# 40

Delta R.T. -0.046 min

Lab File: BF087215.D

Acq: 20 May 2016 6:38

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C5-2(0-19FT)

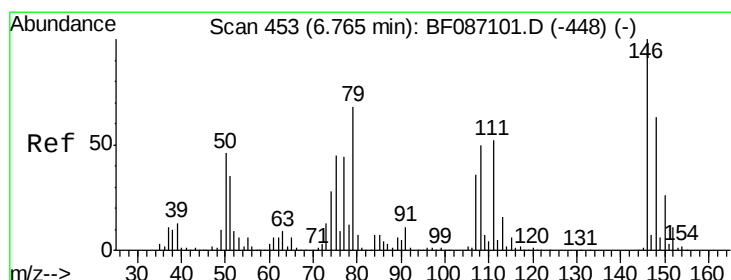
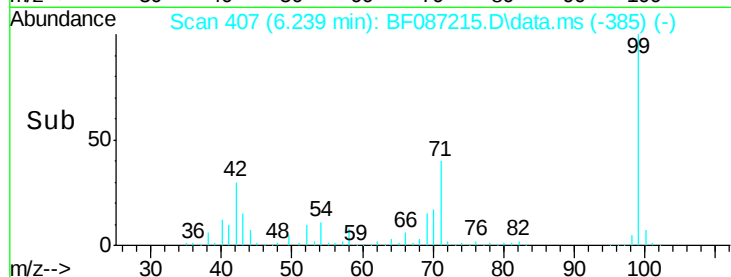
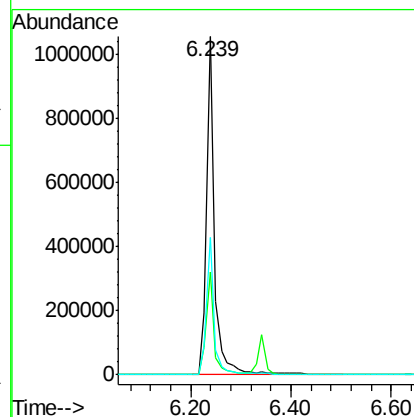
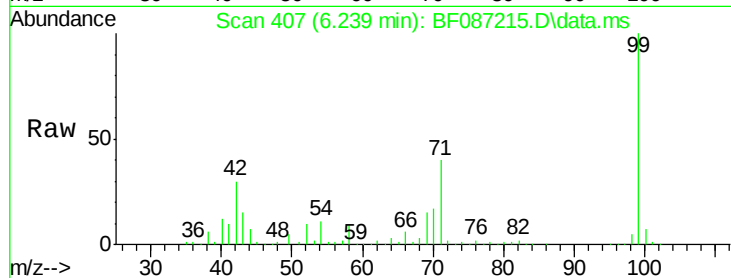
Tot Ion: 99 Resp: 1161336

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

71 40.4 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.719 min Scan# 449

Delta R.T. -0.057 min

Lab File: BF087215.D

Acq: 20 May 2016 6:38

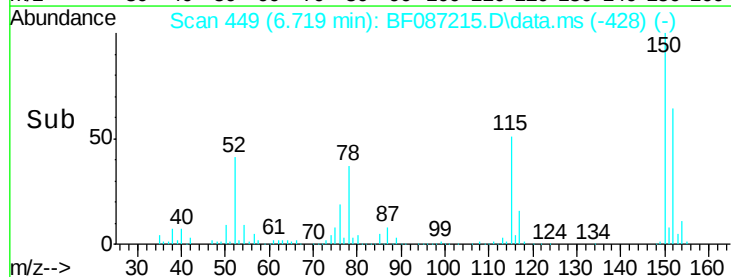
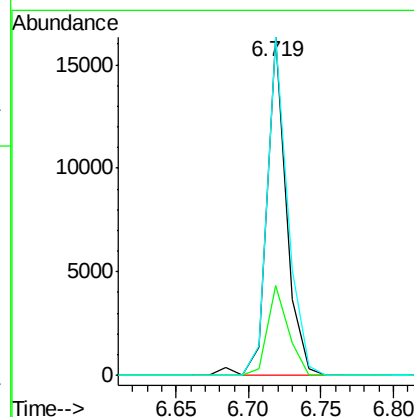
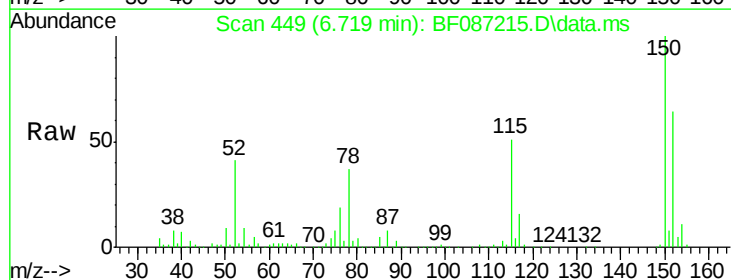
Tgt Ion: 79 Resp: 15143

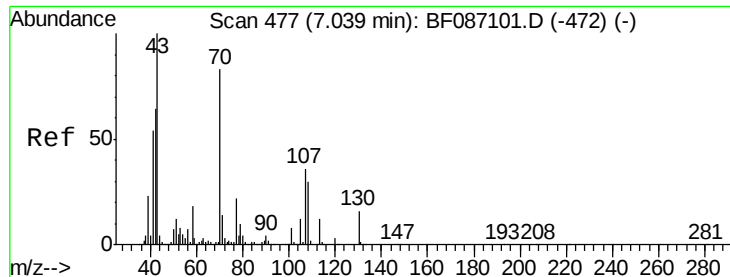
Ion Ratio Lower Upper

79 100

108 26.6 68.4 102.6#

77 100.0 50.6 76.0#

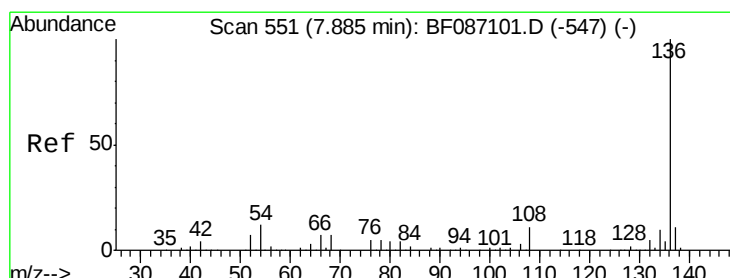
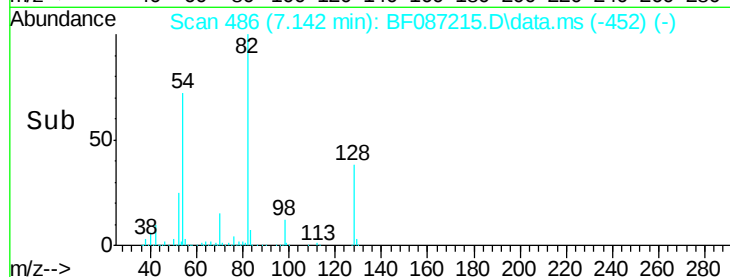
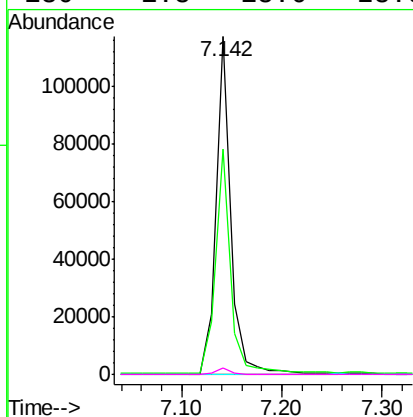
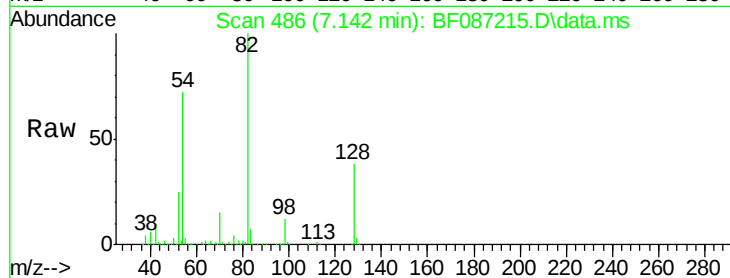




#19
n-Nitroso-di-n-propylamine
Concen: 15.96 ng
RT: 7.142 min Scan# 48
Delta R.T. 0.091 min
Lab File: BF087215.D
Acq: 20 May 2016 6:38

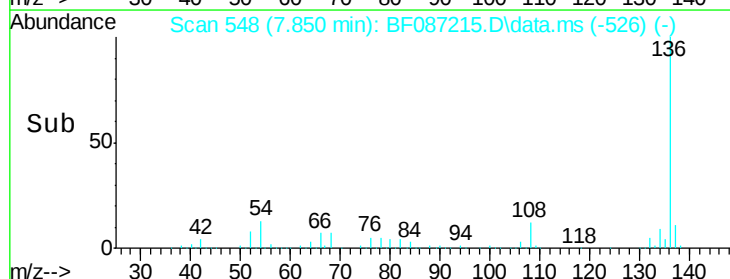
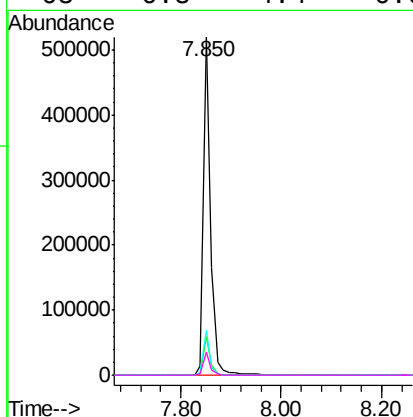
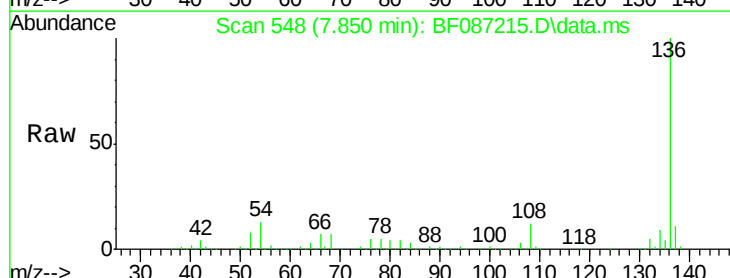
Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C5-2(0-19FT)

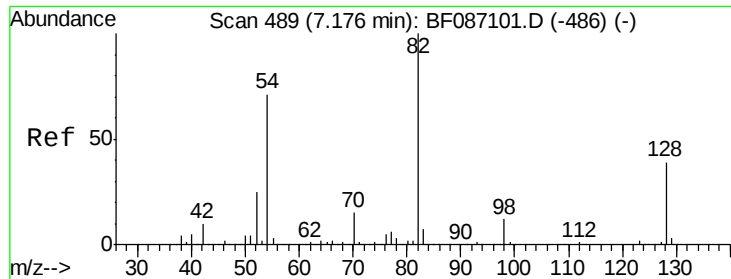
Tot Ion: 70 Resp: 120200
Ion Ratio Lower Upper
70 100
42 66.7 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.850 min Scan# 548
Delta R.T. -0.046 min
Lab File: BF087215.D
Acq: 20 May 2016 6:38

Tgt Ion: 136 Resp: 514011
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 13.4 5.0 7.4#
68 6.8 4.4 6.6#

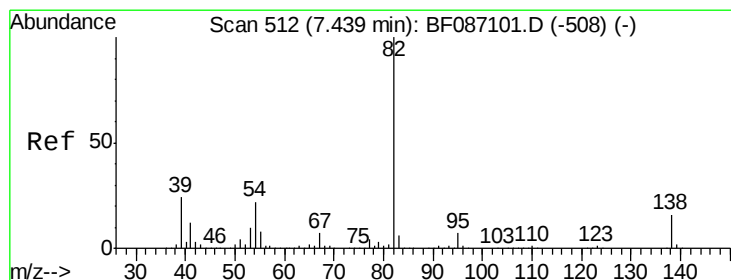
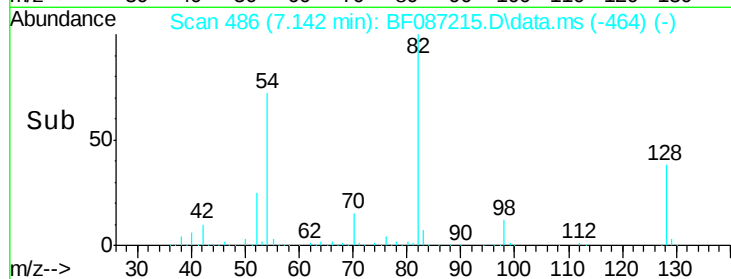
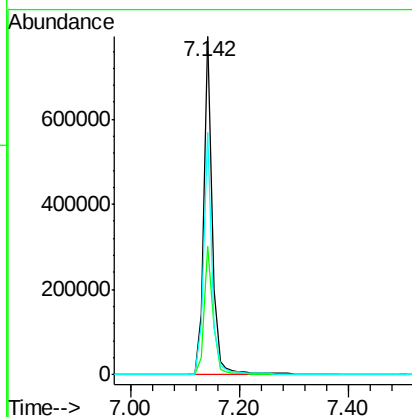
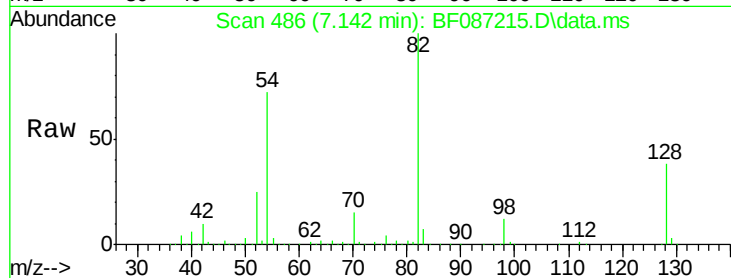




#23
Nitrobenzene-d5
Concen: 41.07 ng
RT: 7.142 min Scan# 486
Delta R.T. -0.046 min
Lab File: BF087215.D
Acq: 20 May 2016 6:38

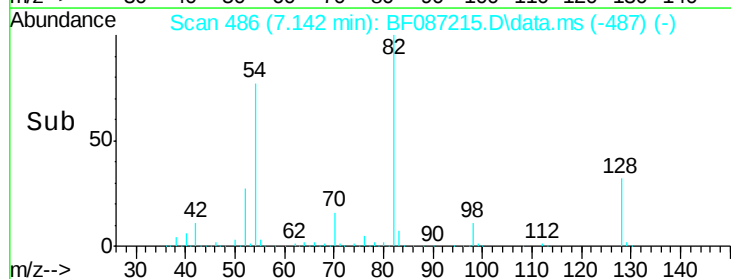
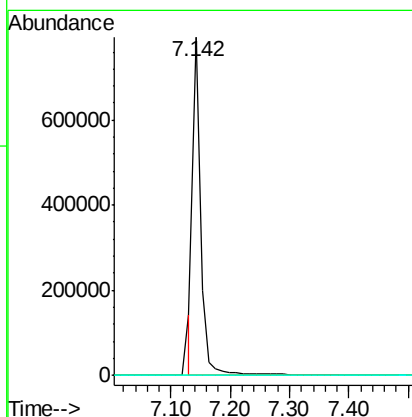
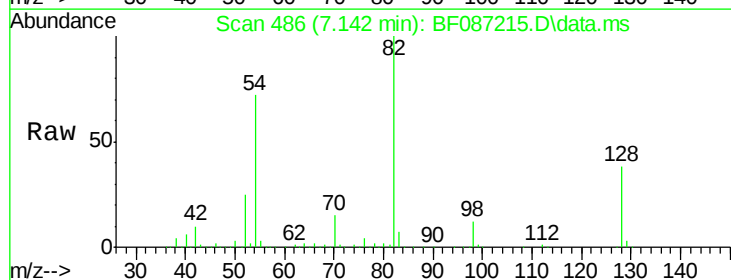
Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C5-2(0-19FT)

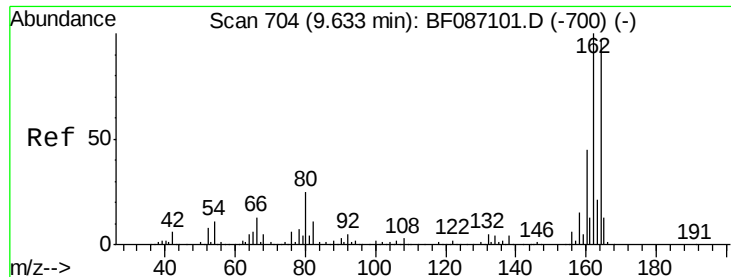
Tot Ion	82	Resp	847099
Ion Ratio	Lower	Upper	
82	100		
128	37.9	40.6	61.0#
54	71.7	38.1	57.1#



#25
Isophorone
Concen: 39.17 ng
RT: 7.142 min Scan# 486
Delta R.T. -0.309 min
Lab File: BF087215.D
Acq: 20 May 2016 6:38

Tgt Ion	82	Resp	739524
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.599 min Scan# 704

Delta R.T. -0.046 min

Lab File: BF087215.D

Acq: 20 May 2016 6:38

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C5-2(0-19FT)

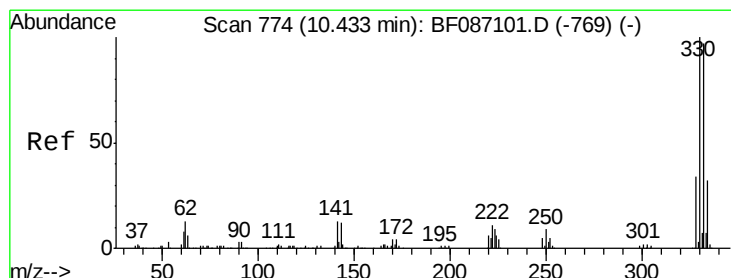
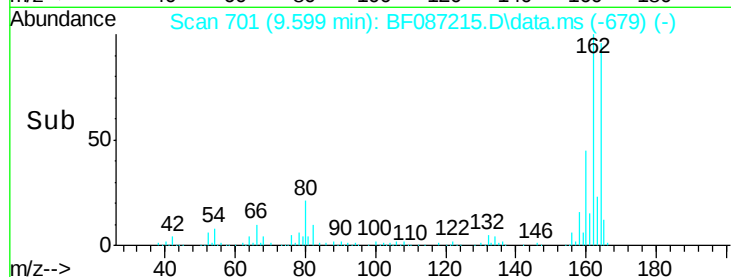
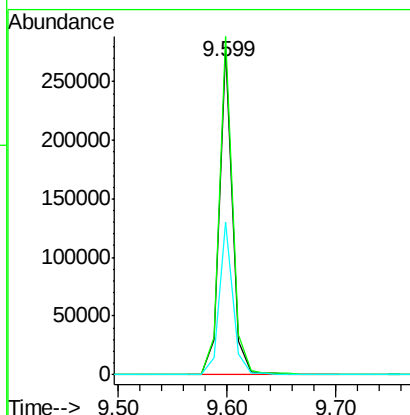
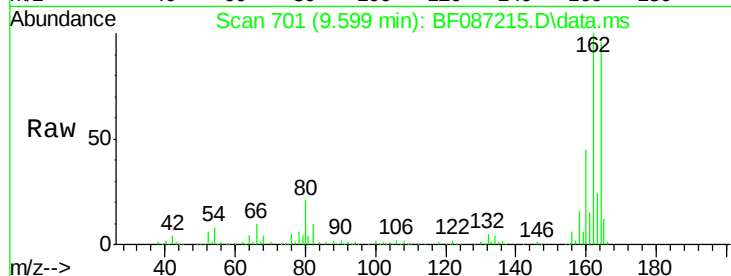
Tot Ion:164 Resp: 234762

Ion Ratio Lower Upper

164 100

162 104.1 82.8 124.2

160 47.0 36.9 55.3



#41

2,4,6-Tribromophenol

Concen: 59.99 ng

RT: 10.399 min Scan# 771

Delta R.T. -0.046 min

Lab File: BF087215.D

Acq: 20 May 2016 6:38

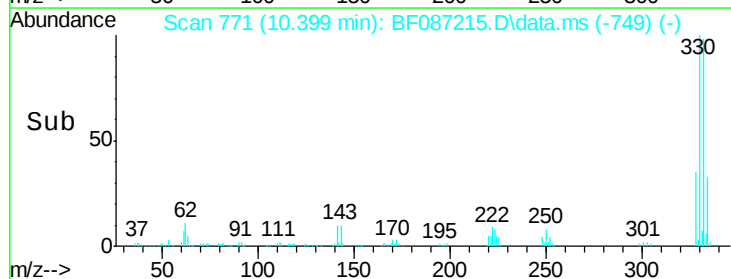
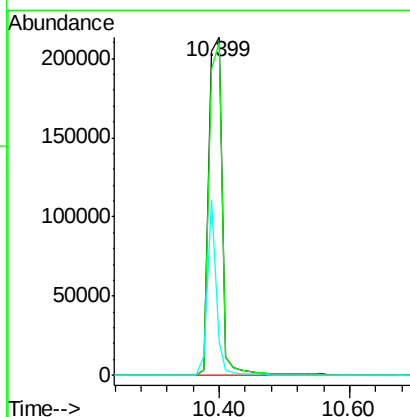
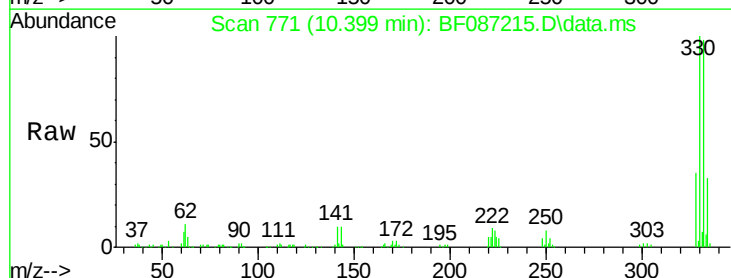
Tgt Ion:330 Resp: 311261

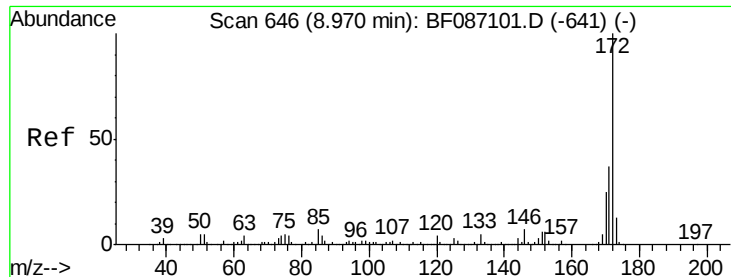
Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

141 33.8 31.2 46.8

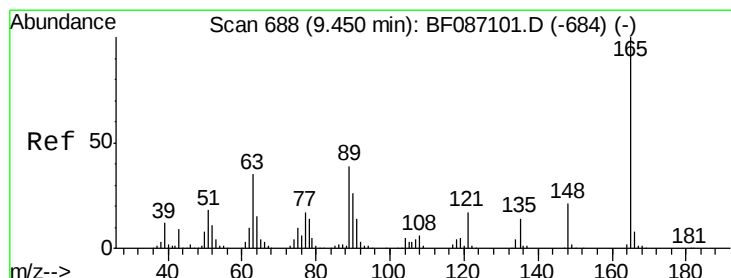
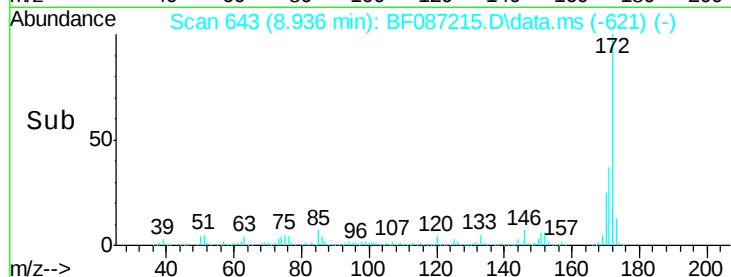
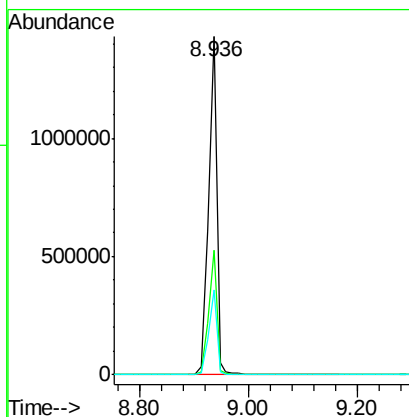
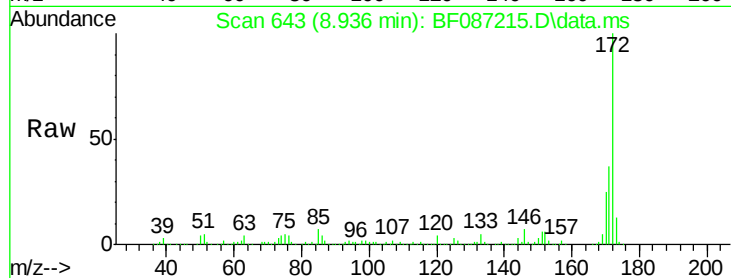




#44
 2-Fluorobiphenyl
 Concen: 52.33 ng
 RT: 8.936 min Scan# 64
 Delta R.T. -0.046 min
 Lab File: BF087215.D
 Acq: 20 May 2016 6:38

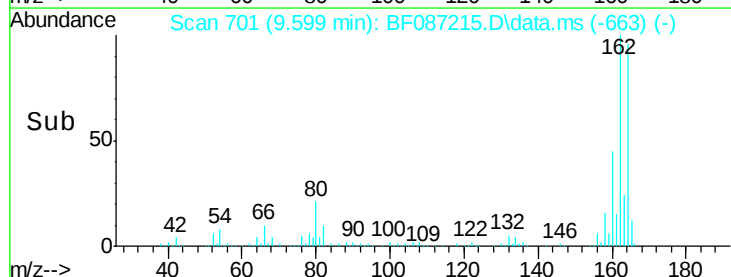
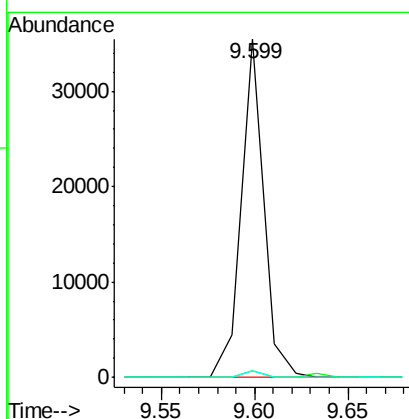
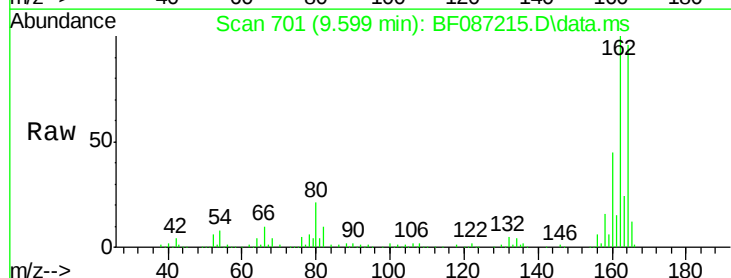
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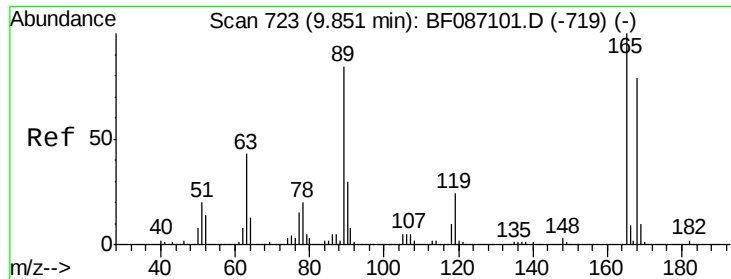
Tot Ion:172 Resp: 1483456
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 24.9 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.73 ng
 RT: 9.599 min Scan# 701
 Delta R.T. 0.137 min
 Lab File: BF087215.D
 Acq: 20 May 2016 6:38

Tgt Ion:165 Resp: 30067
 Ion Ratio Lower Upper
 165 100
 63 2.0 51.8 77.8#
 89 1.8 50.7 76.1#





#56

2,4-Dinitrotoluene

Concen: 6.04 ng

RT: 9.599 min Scan# 70

Delta R.T. -0.263 min

Lab File: BF087215.D

Acq: 20 May 2016 6:38

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C5-2(0-19FT)

Tot Ion:165 Resp: 30067

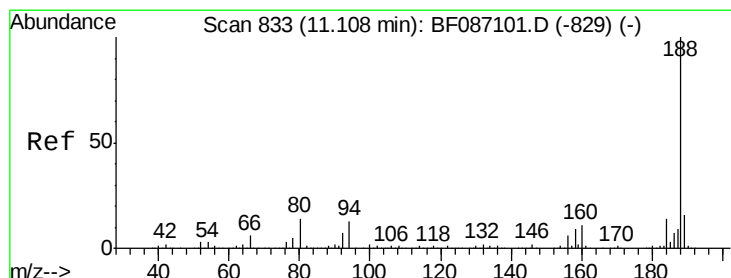
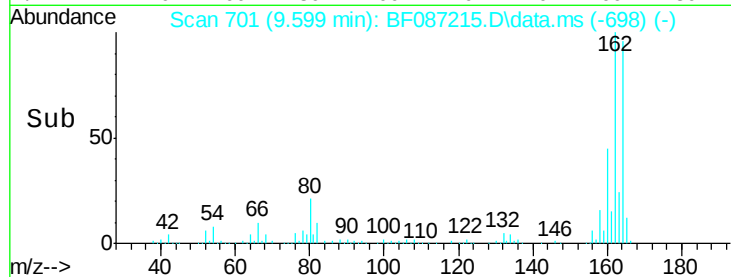
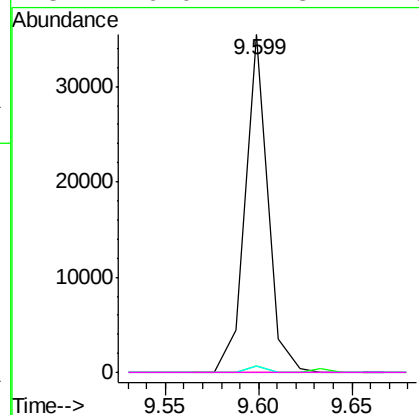
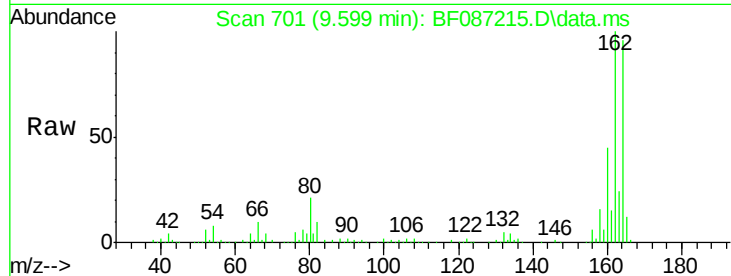
Ion Ratio Lower Upper

165 100

63 2.0 44.3 66.5#

89 1.8 70.0 105.0#

182 0.0 1.8 2.6#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.073 min Scan# 830

Delta R.T. -0.046 min

Lab File: BF087215.D

Acq: 20 May 2016 6:38

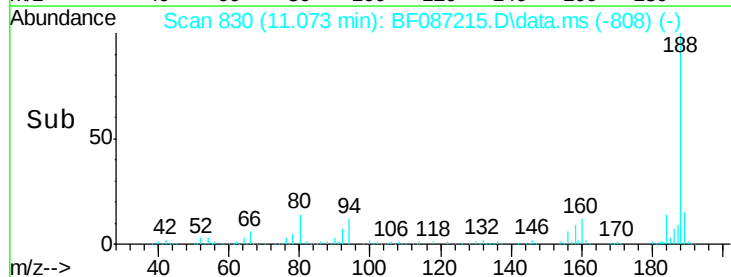
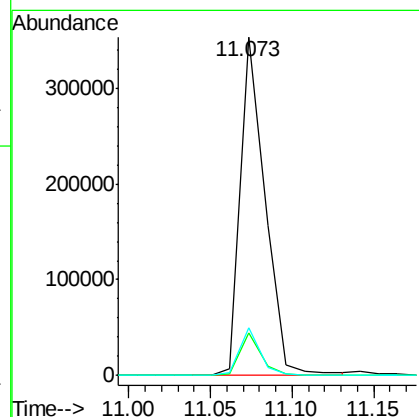
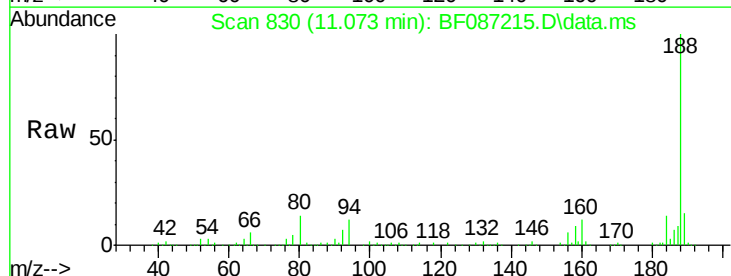
Tgt Ion:188 Resp: 368069

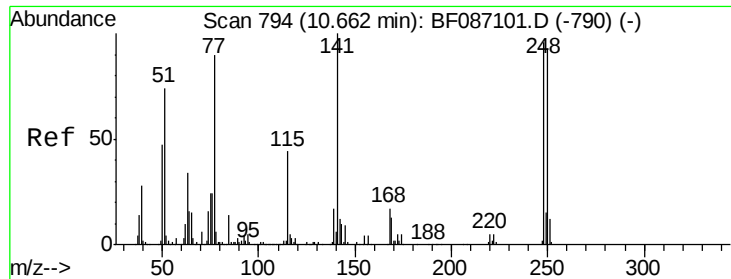
Ion Ratio Lower Upper

188 100

94 12.4 6.8 10.2#

80 13.9 7.1 10.7#





#66

4-Bromophenyl-phenylether

Concen: 4.55 ng

RT: 10.388 min Scan# 77

Delta R.T. -0.286 min

Lab File: BF087215.D

Acq: 20 May 2016 6:38

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C5-2(0-19FT)

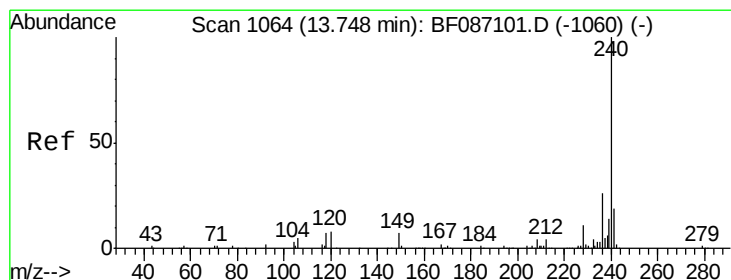
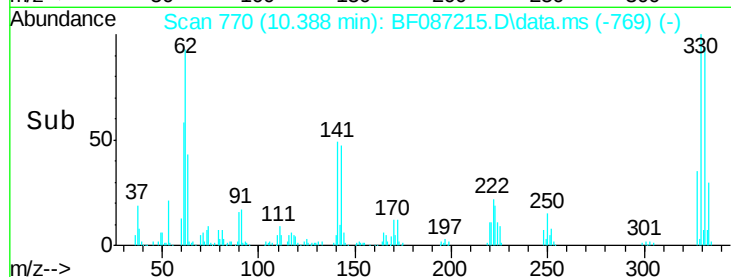
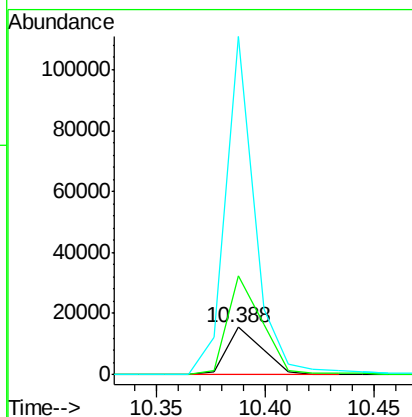
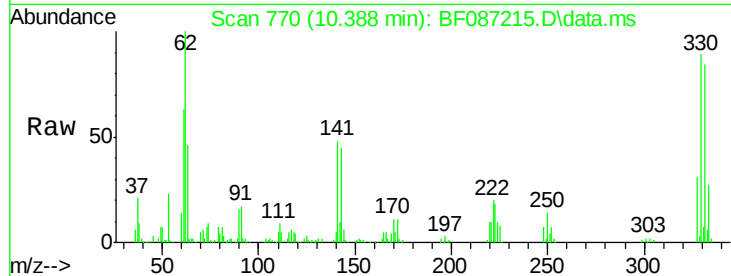
Tot Ion:248 Resp: 17231

Ion Ratio Lower Upper

248 100

250 209.5 78.6 117.8#

141 715.0 76.0 114.0#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.702 min Scan# 1060

Delta R.T. -0.057 min

Lab File: BF087215.D

Acq: 20 May 2016 6:38

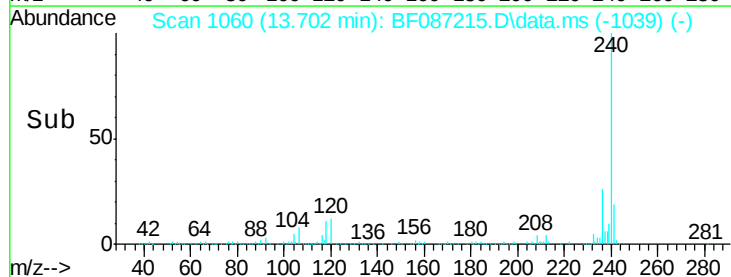
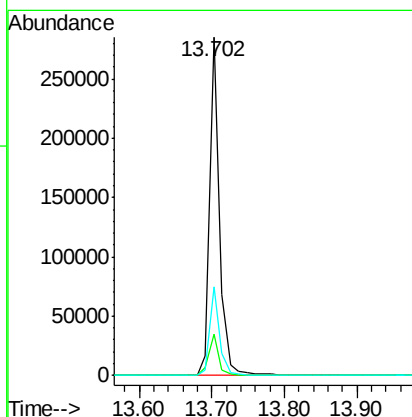
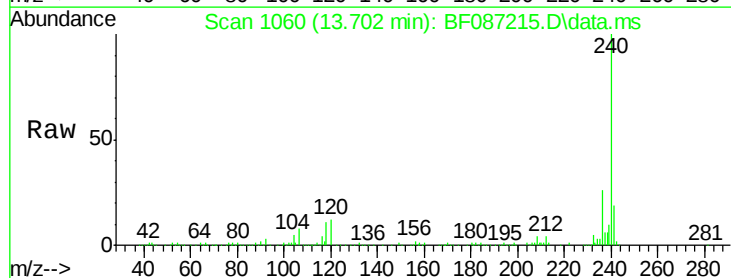
Tgt Ion:240 Resp: 267456

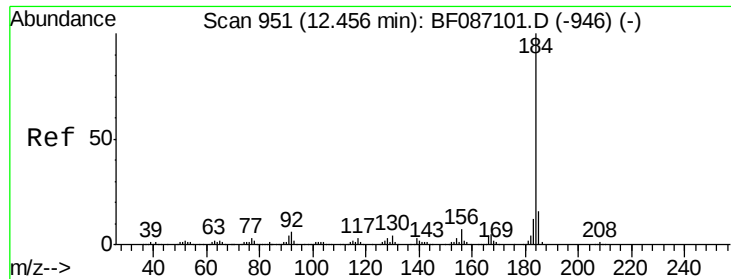
Ion Ratio Lower Upper

240 100

120 12.0 11.2 16.8

236 26.1 21.2 31.8





#76

Benzidine

Concen: 2.61 ng

RT: 12.662 min Scan# 96

Delta R.T. 0.195 min

Lab File: BF087215.D

Acq: 20 May 2016 6:38

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C5-2(0-19FT)

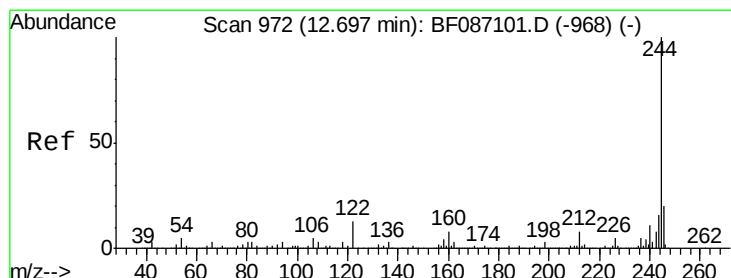
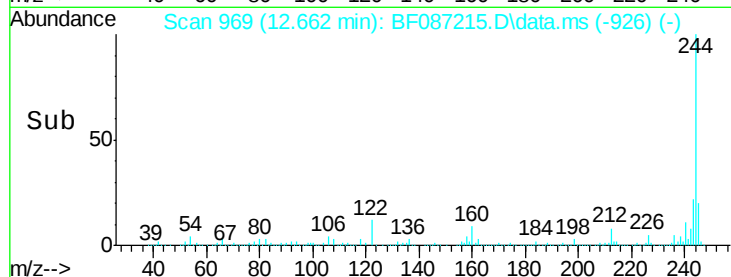
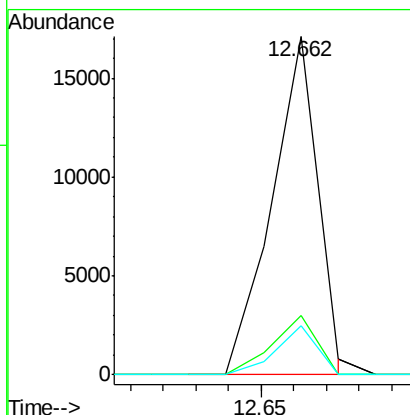
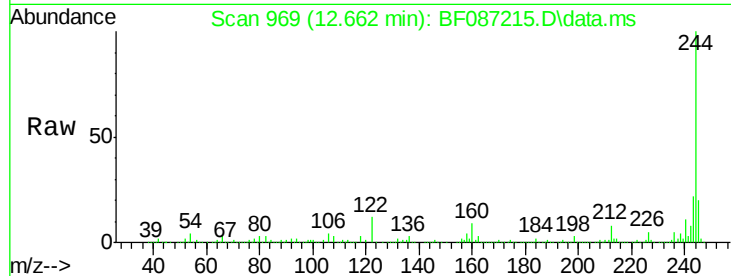
Tot Ion:184 Resp: 16706

Ion Ratio Lower Upper

184 100

185 17.5 13.6 20.4

183 14.3 9.8 14.6



#78

Terphenyl-d14

Concen: 43.76 ng

RT: 12.662 min Scan# 969

Delta R.T. -0.046 min

Lab File: BF087215.D

Acq: 20 May 2016 6:38

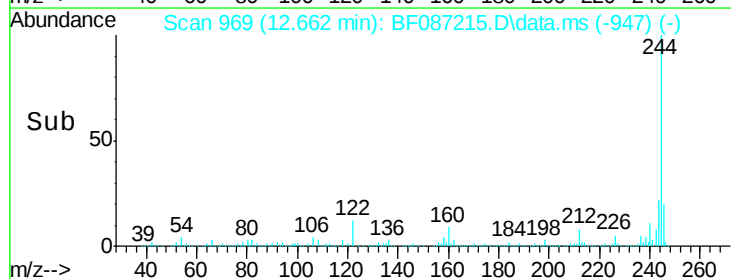
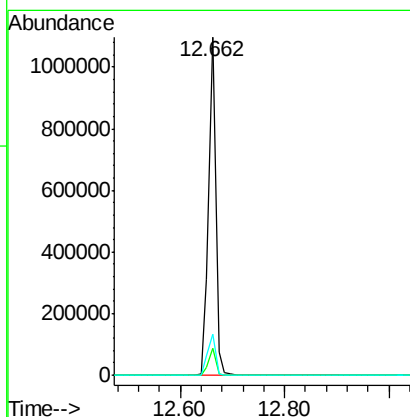
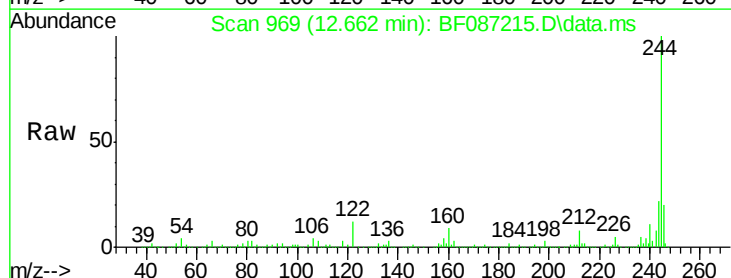
Tgt Ion:244 Resp: 1034740

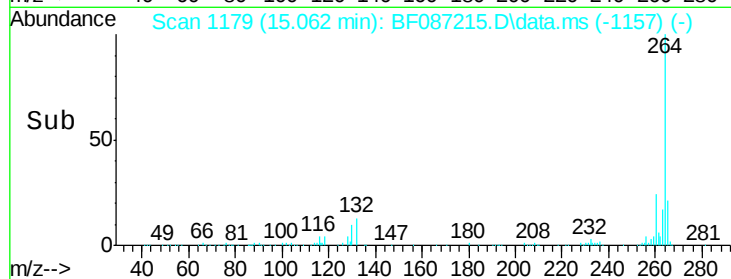
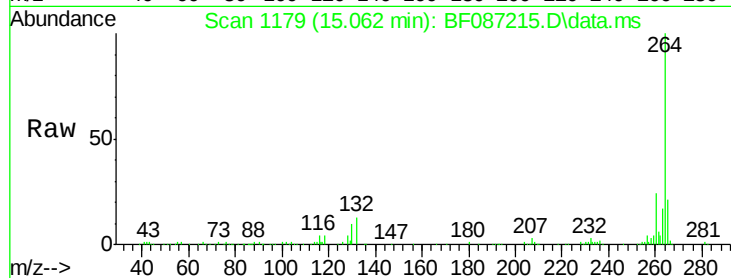
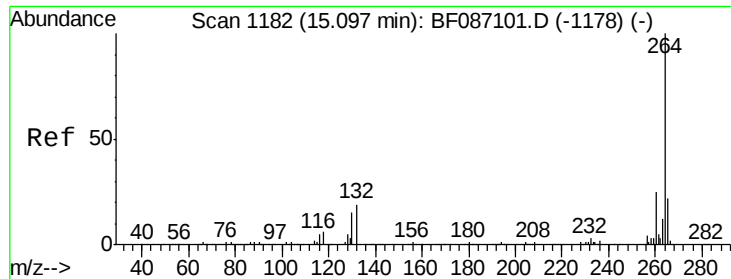
Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 12.0 12.0 18.0#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.062 min Scan# 11

Delta R.T. -0.046 min

Lab File: BF087215.D

Acq: 20 May 2016 6:38

Instrument :

BNA_F

ClientSampleId :

FB-BWR-BB-R10-C5-2(0-19FT)

Tot Ion:264 Resp: 225847

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.2 17.3 25.9

