

Data Path : S:\HPCHEM1\BNA_F\DATA\BF060916\
 Data File : BF087855.D
 Acq On : 9 Jun 2016 16:31
 Operator : UM/SJ
 Sample : H3399-13 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-32

Quant Time: Jun 09 17:10:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	123218	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	448633	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	200082	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	302001	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	233625	20.00	ng	-0.03
86) Perylene-d12	15.37	264	233485	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	532769	73.92	ng	-0.01
7) Phenol-d6	6.46	99	702455	80.42	ng	-0.02
23) Nitrobenzene-d5	7.38	82	372875	48.53	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	137765	65.21	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	609674	45.28	ng	-0.03
78) Terphenyl-d14	12.91	244	440685	42.92	ng	-0.03

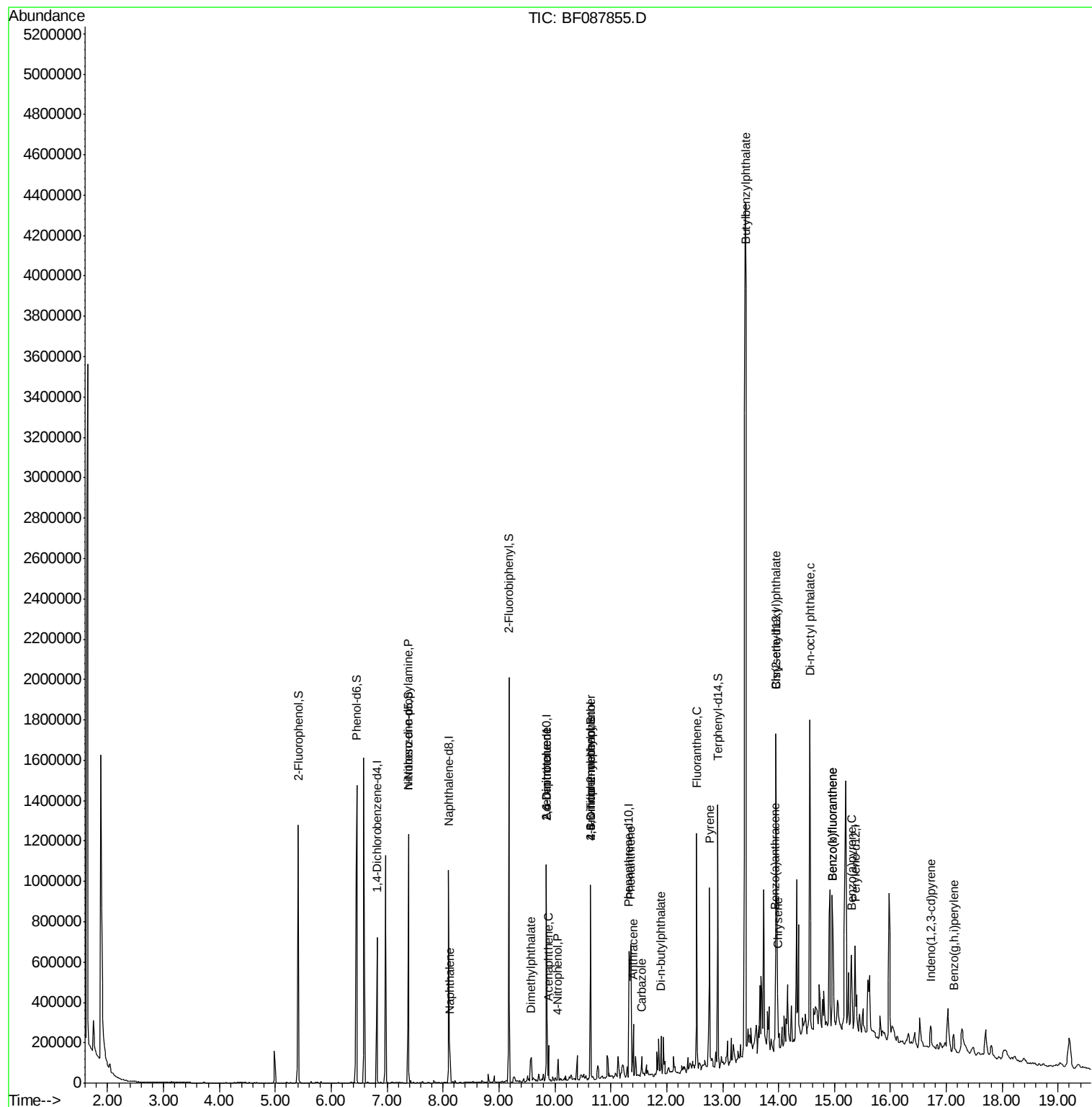
Target Compounds				Qvalue		
10) Phenol	6.47	94	2082	Below Cal		99
19) n-Nitroso-di-n-propylamine	7.38	70	49524	8.86 ng	#	73
31) Naphthalene	8.12	128	46398	2.09 ng		99
45) 1,1'-Biphenyl	9.28	154	7148	Below Cal		95
49) Dimethylphthalate	9.58	163	68312	4.71 ng		98
50) 2,6-Dinitrotoluene	9.85	165	27076	8.16 ng	#	39
51) Acenaphthene	9.88	154	35592	2.77 ng		98
55) 4-Nitrophenol	10.06	139	11425	3.84 ng	#	8
56) 2,4-Dinitrotoluene	9.85	165	27077	6.35 ng	#	38
57) Fluorene	10.40	166	34952	Below Cal		99
64) 4,6-Dinitro-2-methylphenol	10.64	198	220	2.27 ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	8010	2.47 ng	#	1
70) Phenanthrene	11.36	178	358945	22.65 ng		97
71) Anthracene	11.40	178	101385	6.34 ng		97
72) Carbazole	11.55	167	38751	2.59 ng		99
73) Di-n-butylphthalate	11.90	149	74501	3.93 ng		99
74) Fluoranthene	12.54	202	433109	25.90 ng		98
77) Pyrene	12.77	202	394654	22.76 ng		99
79) Butylbenzylphthalate	13.42	149	2214773	288.96 ng		97
80) Benzo(a)anthracene	13.94	228	197798	14.86 ng		98
82) Chrysene	13.99	228	153748	12.28 ng		96
83) Bis(2-ethylhexyl)phthalate	13.95	149	482048	51.66 ng	#	58
84) Di-n-octyl phthalate	14.56	149	857763	56.58 ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	78384	6.74 ng	#	100
87) Benzo(b)fluoranthene	14.97	252	281463	17.30 ng	#	94
88) Benzo(k)fluoranthene	14.97	252	281463	22.93 ng		99
89) Benzo(a)pyrene	15.30	252	144556	10.98 ng		97
91) Benzo(g,h,i)perylene	17.13	276	73007	5.80 ng		96

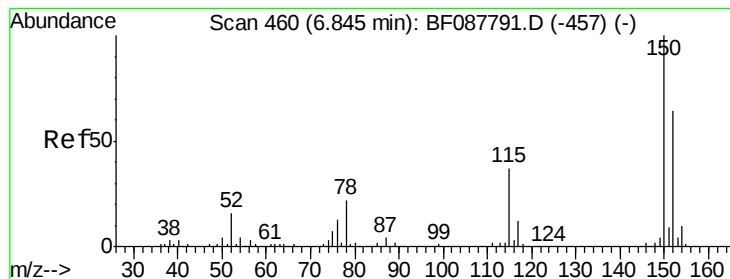
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF087855.D

Acq: 9 Jun 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SS-32

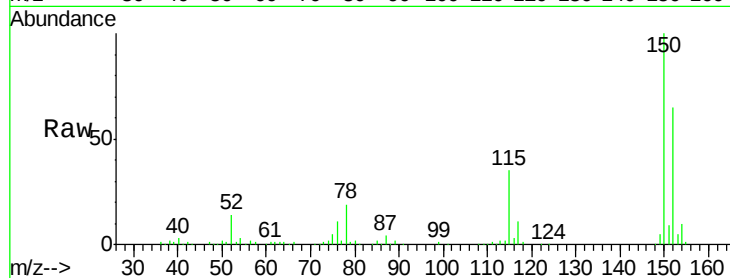
Tgt Ion:152 Resp: 123218

Ion Ratio Lower Upper

152 100

150 152.7 123.8 185.6

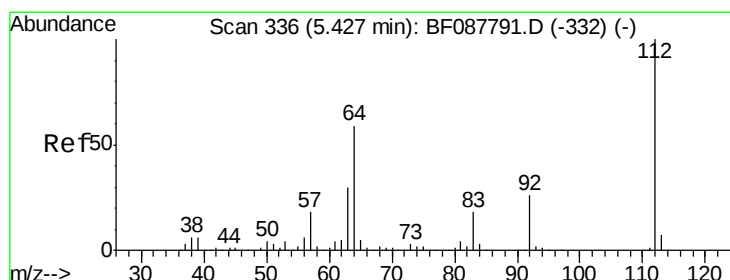
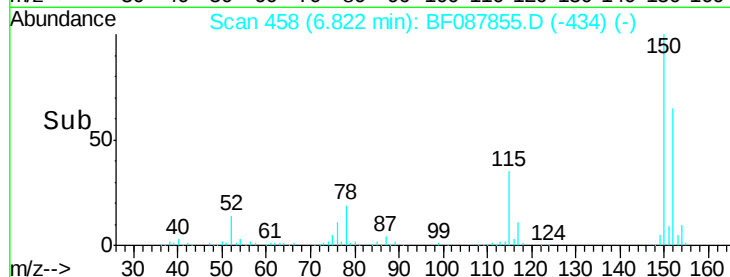
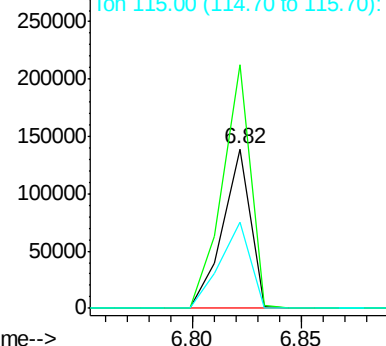
115 53.8 39.6 59.4



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: 73.92 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF087855.D

Acq: 9 Jun 2016 16:31

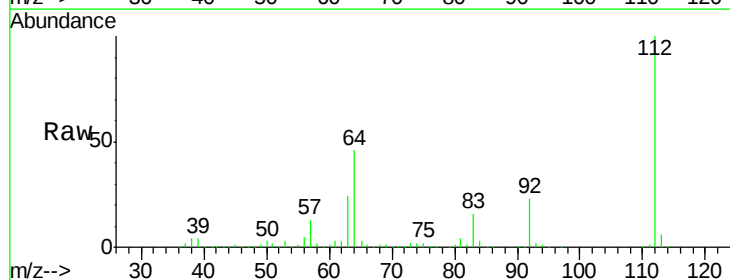
Tgt Ion:112 Resp: 532769

Ion Ratio Lower Upper

112 100

64 45.7 42.2 63.2

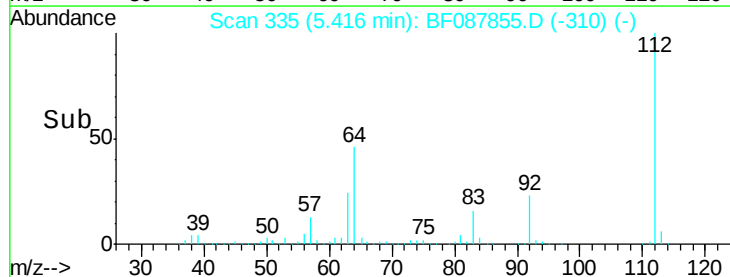
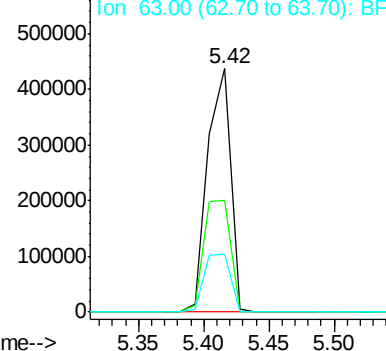
63 23.8 21.8 32.8

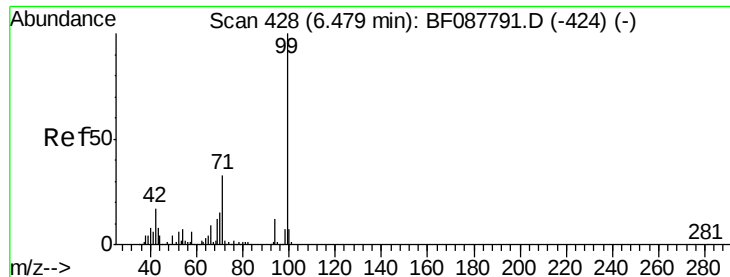


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.42 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF087855.D

Acq: 9 Jun 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SS-32

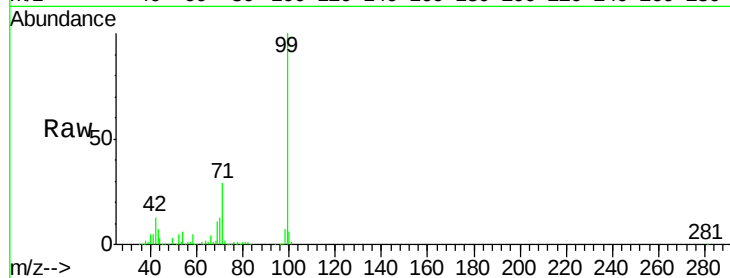
Tgt Ion: 99 Resp: 702455

Ion Ratio Lower Upper

99 100

42 13.2 12.2 18.2

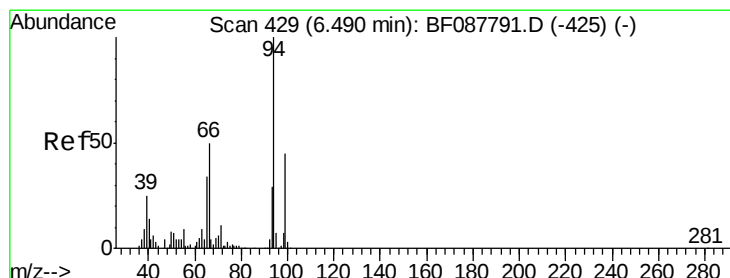
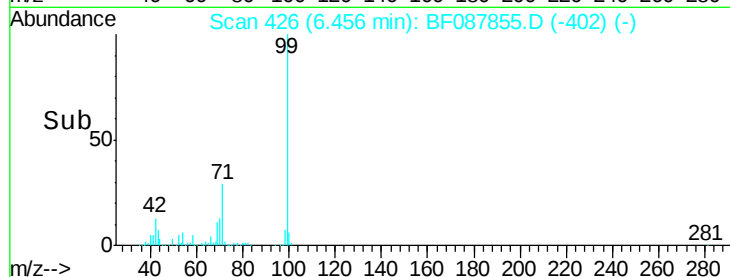
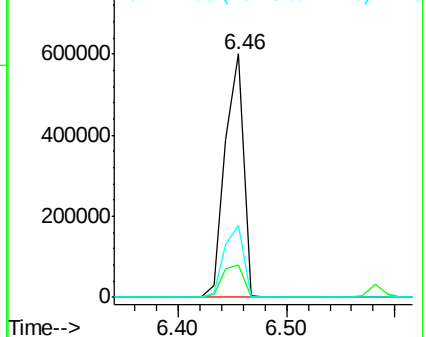
71 29.4 23.4 35.0



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



#10

Phenol

Concen: Below Cal

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF087855.D

Acq: 9 Jun 2016 16:31

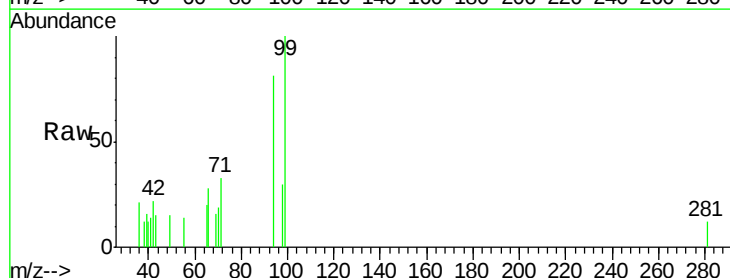
Tgt Ion: 94 Resp: 2082

Ion Ratio Lower Upper

94 100

65 24.8 5.9 45.9

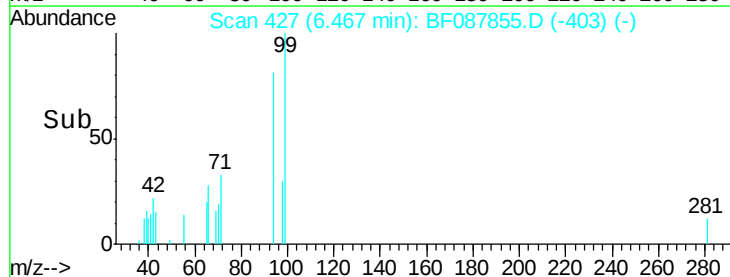
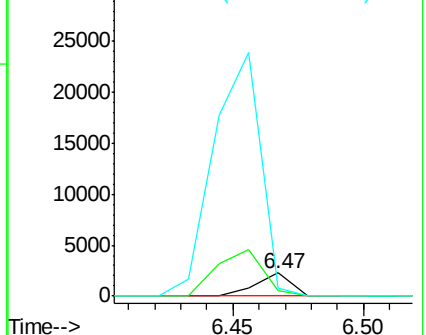
66 34.0 14.0 54.0

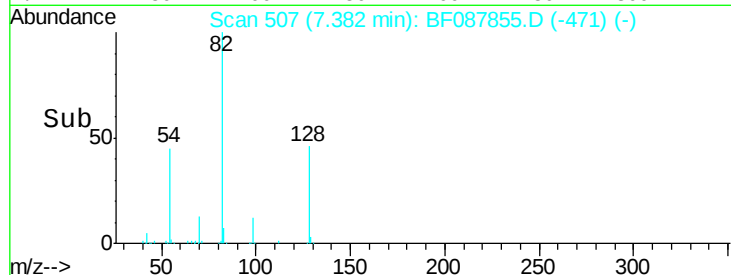
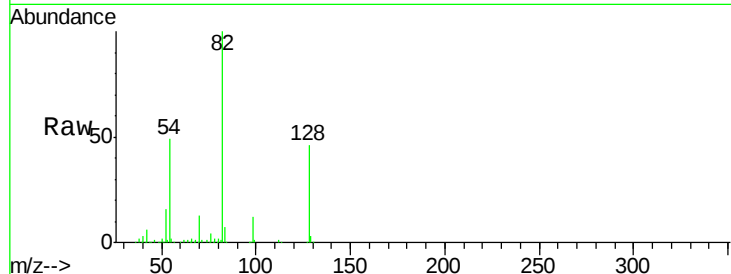
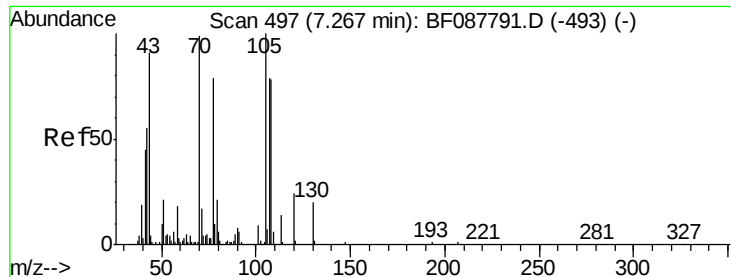


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

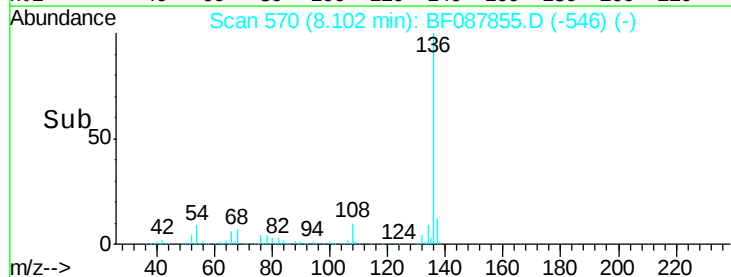
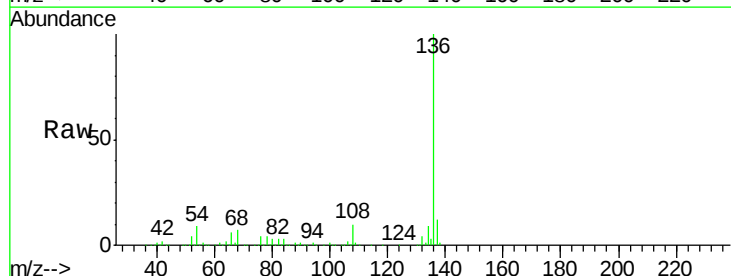
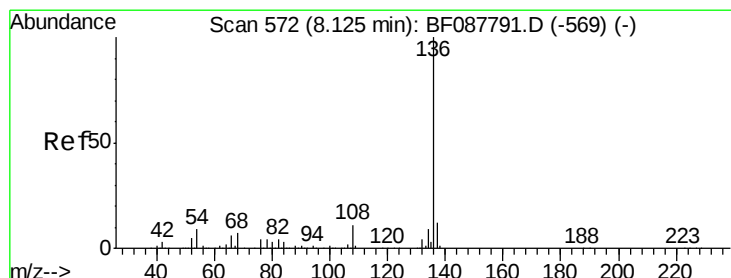
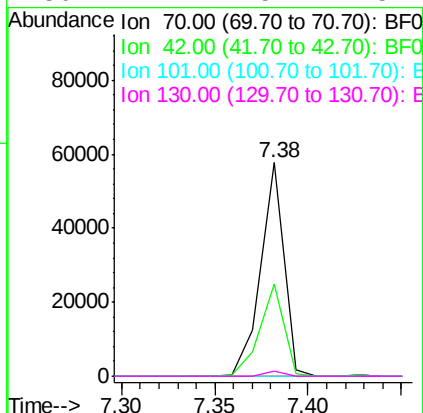




#19
n-Nitroso-di-n-propylamine
Concen: 8.86 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.11 min
Lab File: BF087855.D
Acq: 9 Jun 2016 16:31

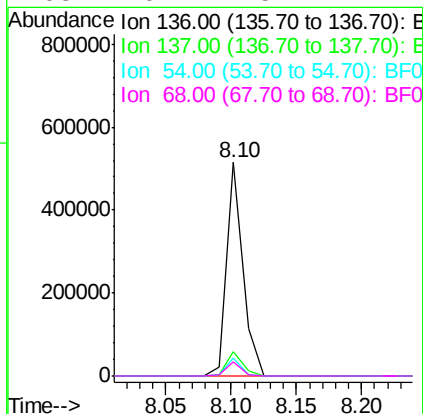
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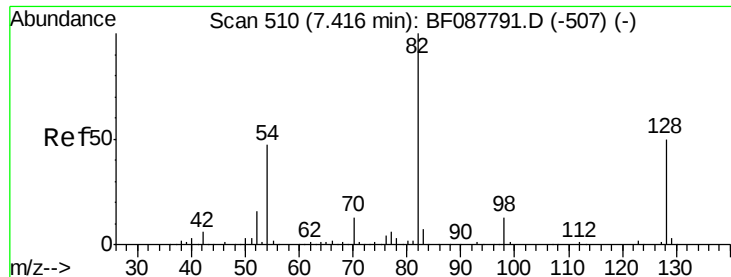
Tgt Ion: 70 Resp: 49524
Ion Ratio Lower Upper
70 100
42 43.4 49.6 74.4#
101 0.0 7.1 10.7#
130 2.2 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087855.D
Acq: 9 Jun 2016 16:31

Tgt Ion: 136 Resp: 448633
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.6 6.6 10.0
68 6.7 5.1 7.7

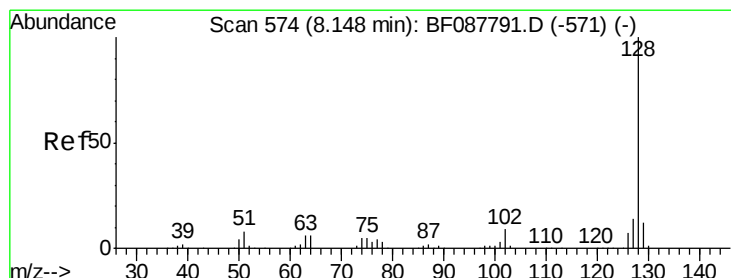
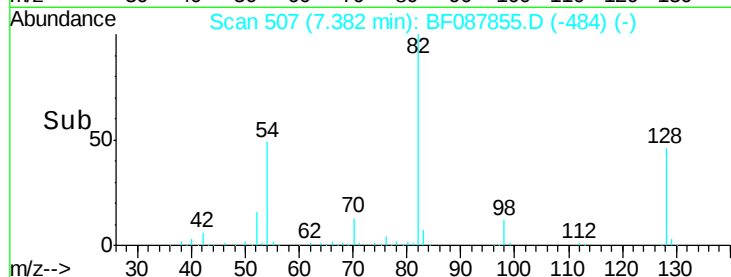
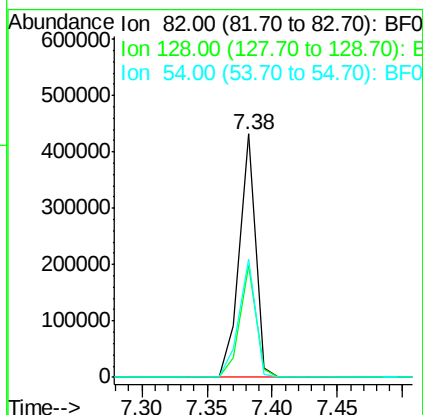
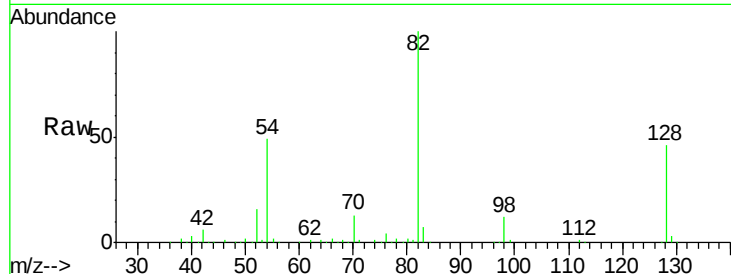




#23
 Nitrobenzene-d5
 Concen: 48.53 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BF087855.D
 Acq: 9 Jun 2016 16:31

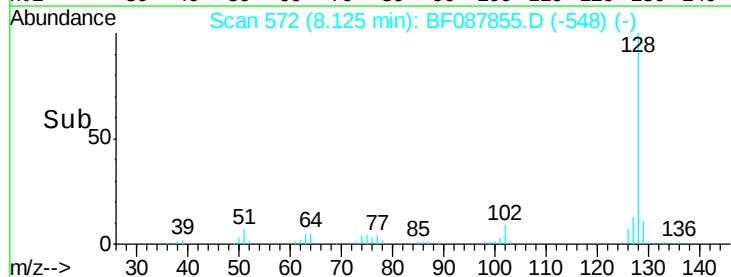
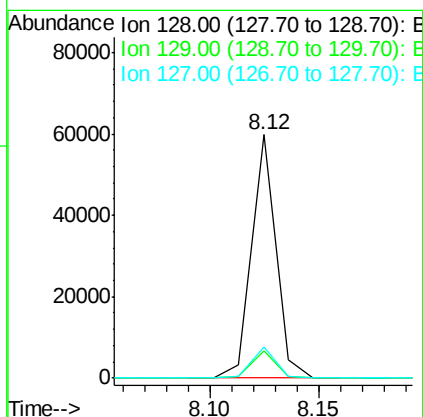
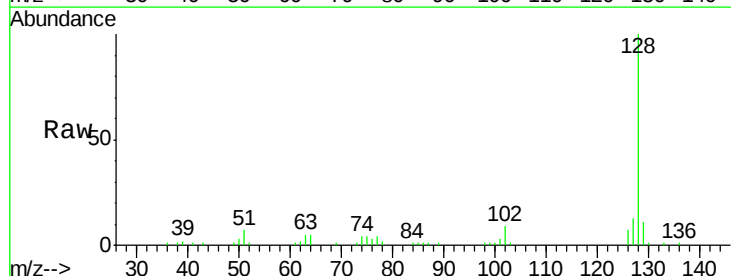
Instrument :
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 ClientSampleId :
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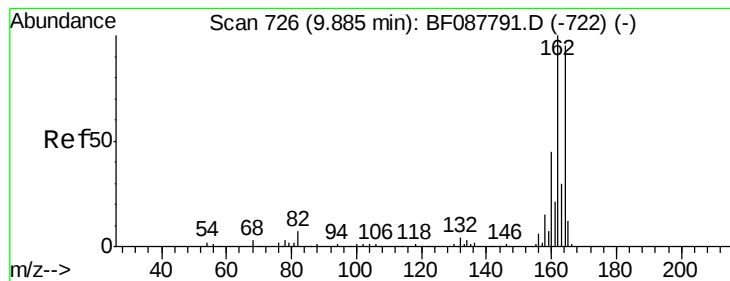
Tgt Ion: 82 Resp: 372875
 Ion Ratio Lower Upper
 82 100
 128 45.8 35.9 53.9
 54 48.7 40.9 61.3



#31
 Naphthalene
 Concen: 2.09 ng
 RT: 8.12 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF087855.D
 Acq: 9 Jun 2016 16:31

Tgt Ion: 128 Resp: 46398
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.4 14.2
 127 12.9 10.9 16.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF087855.D

Acq: 9 Jun 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SS-32

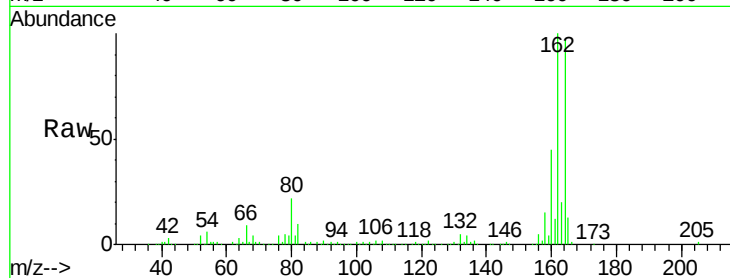
Tgt Ion:164 Resp: 200082

Ion Ratio Lower Upper

164 100

162 103.0 85.4 128.2

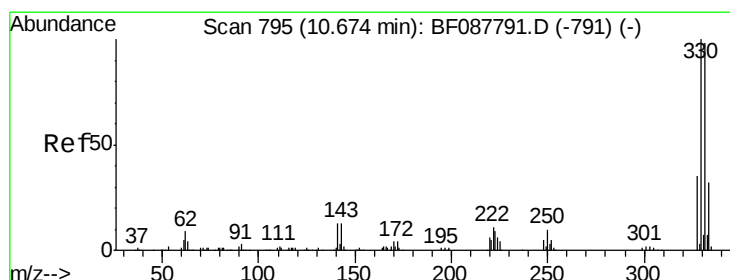
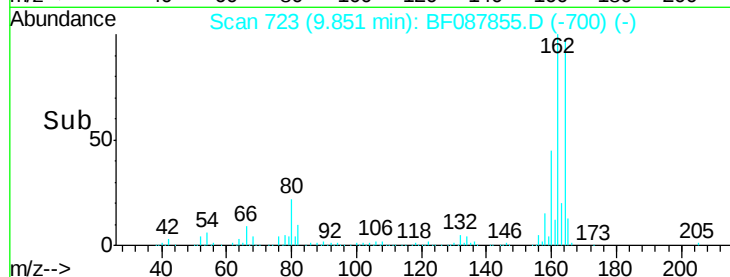
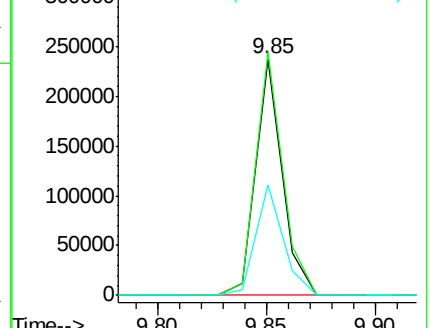
160 46.7 39.5 59.3



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: 65.21 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.03 min

Lab File: BF087855.D

Acq: 9 Jun 2016 16:31

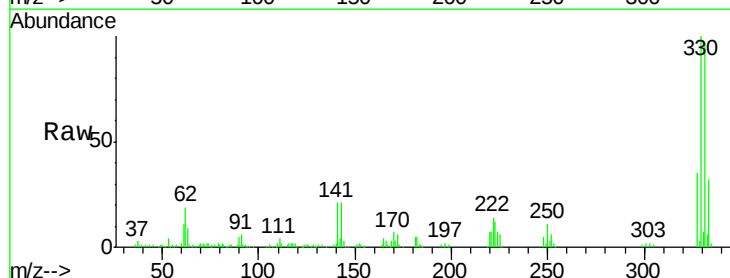
Tgt Ion:330 Resp: 137765

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

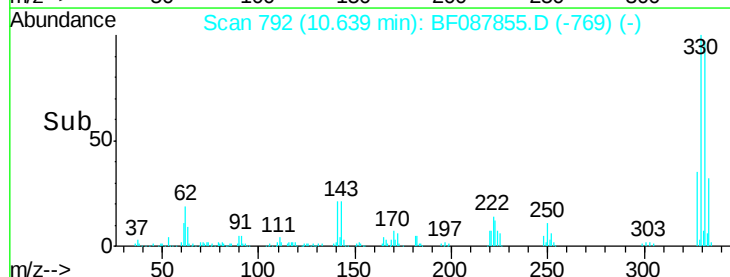
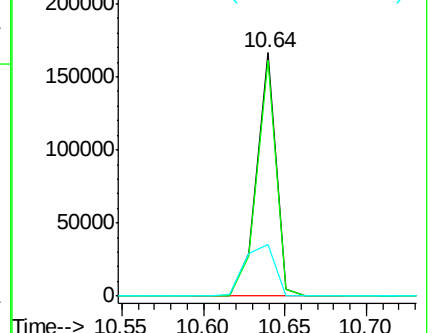
141 33.4 0.0 0.0#

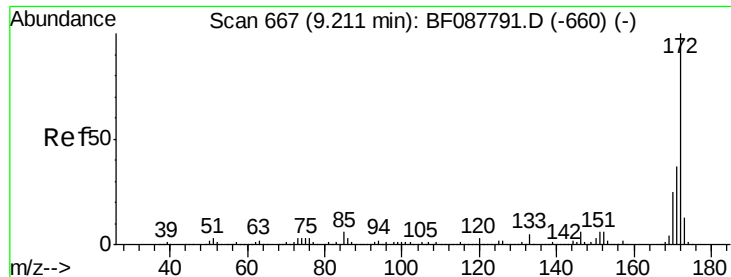


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

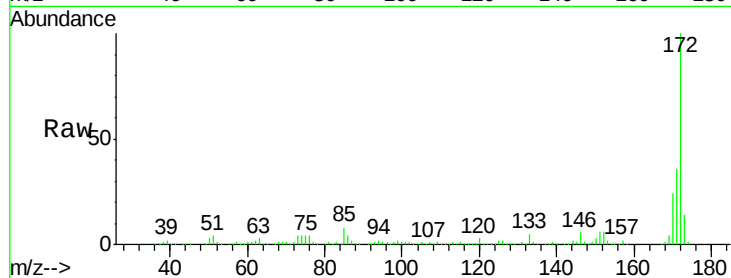




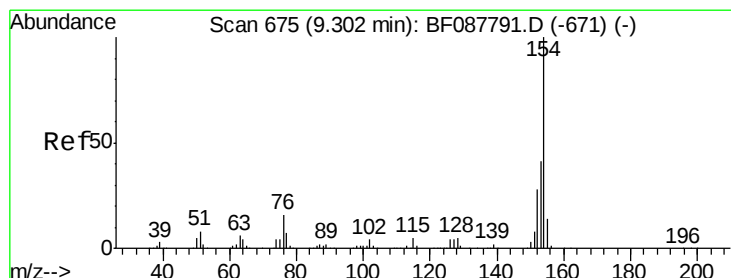
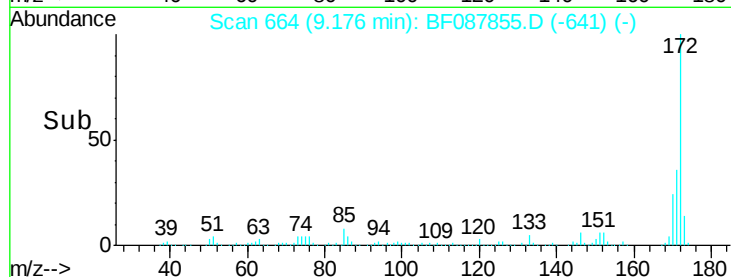
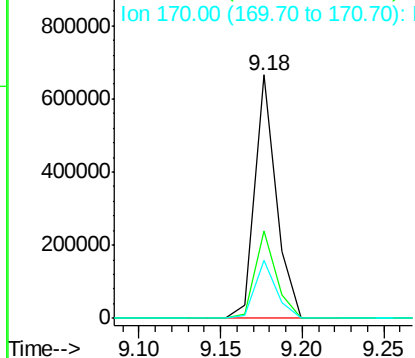
#44
 2-Fluorobiphenyl
 Concen: 45.28 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087855.D
 Acq: 9 Jun 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 SS-32

Tgt Ion:172 Resp: 609674
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.9 19.2 28.8

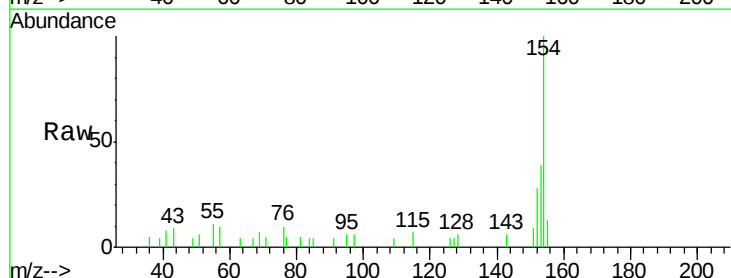


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

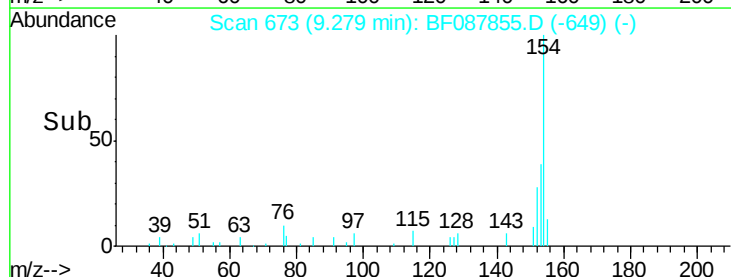
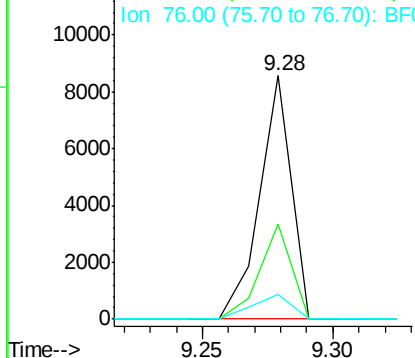


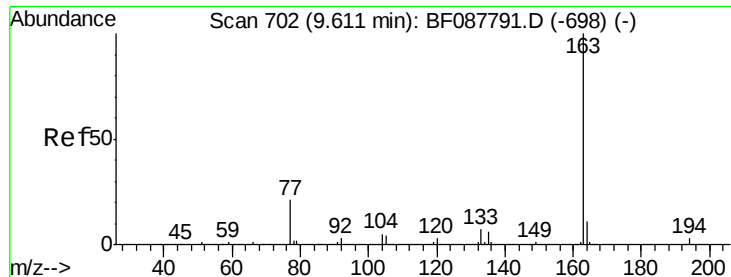
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.28 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF087855.D
 Acq: 9 Jun 2016 16:31

Tgt Ion:154 Resp: 7148
 Ion Ratio Lower Upper
 154 100
 153 39.3 20.6 60.6
 76 10.2 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

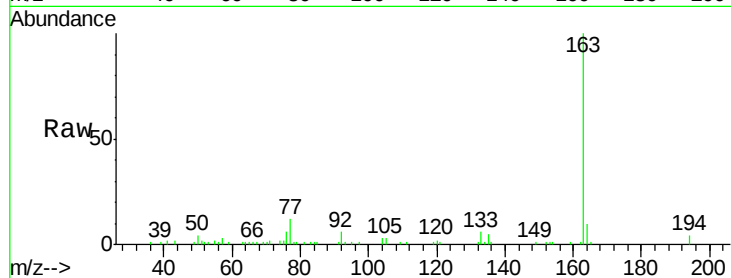




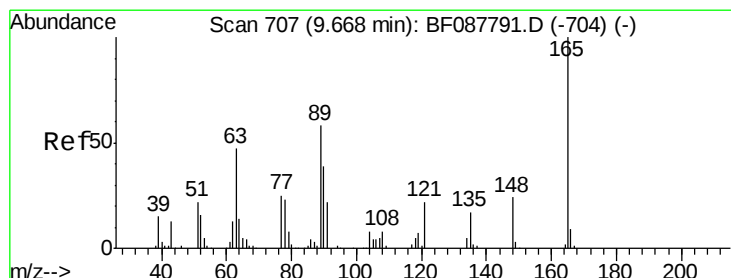
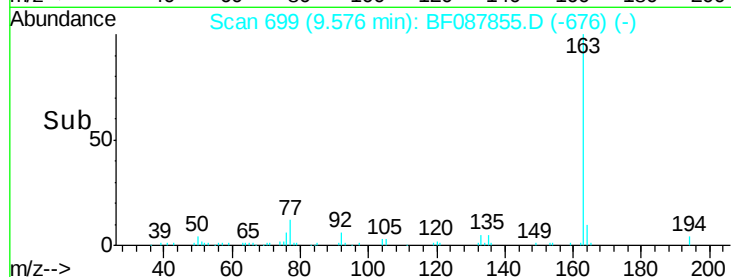
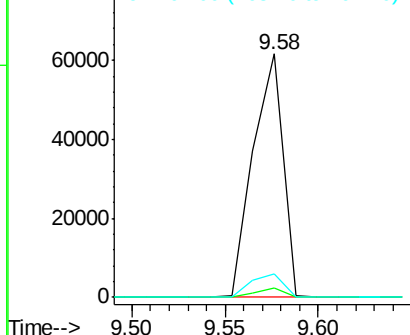
#49
Dimethylphthalate
Concen: 4.71 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF087855.D
Acq: 9 Jun 2016 16:31

Instrument :
BNA_F
ClientSampleId :
SS-32

Tgt Ion:163 Resp: 68312
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.5 8.3 12.5

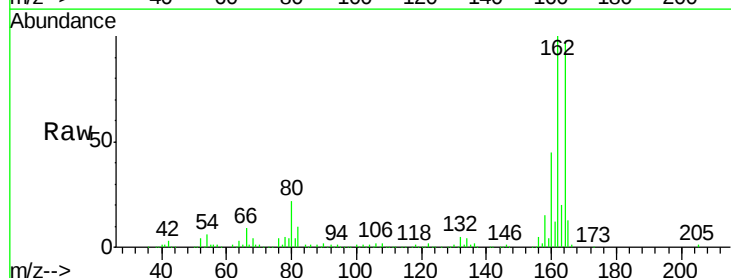


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

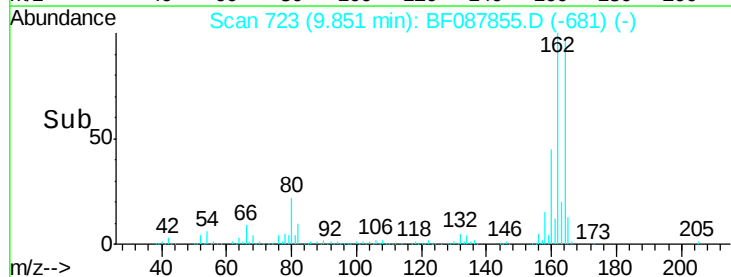
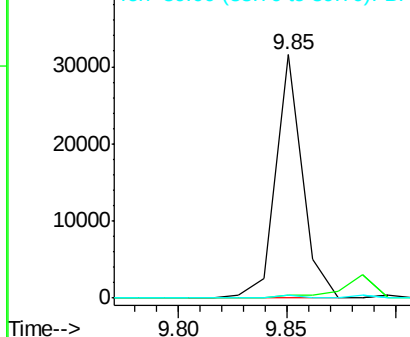


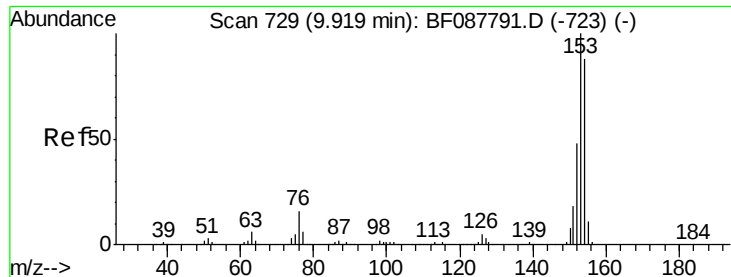
#50
2,6-Dinitrotoluene
Concen: 8.16 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.18 min
Lab File: BF087855.D
Acq: 9 Jun 2016 16:31

Tgt Ion:165 Resp: 27076
Ion Ratio Lower Upper
165 100
63 1.4 28.1 42.1#
89 1.3 32.2 48.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.77 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF087855.D

Acq: 9 Jun 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SS-32

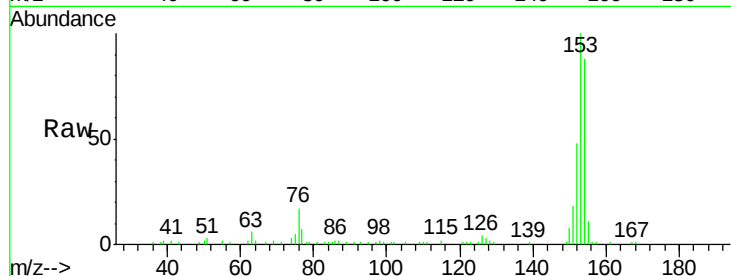
Tgt Ion:154 Resp: 35592

Ion Ratio Lower Upper

154 100

153 113.8 89.5 134.3

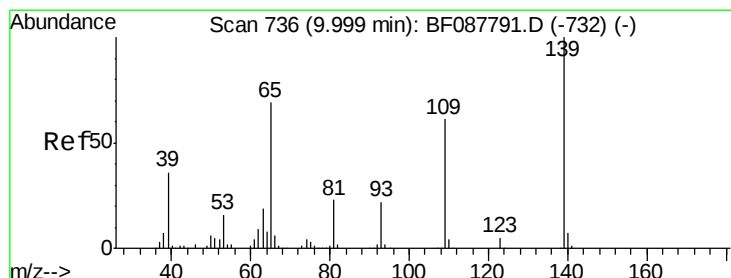
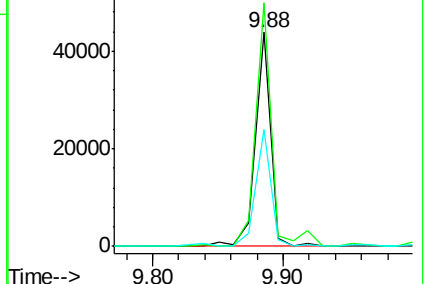
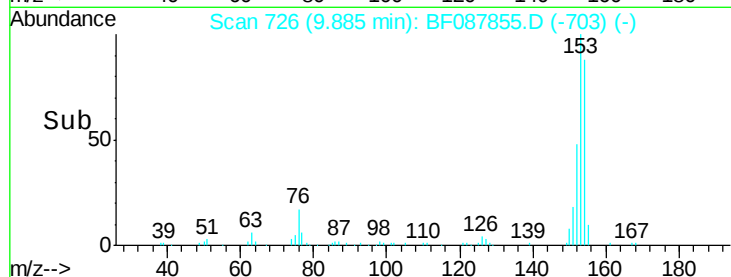
152 54.6 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

4-Nitrophenol

Concen: 3.84 ng

RT: 10.06 min Scan# 741

Delta R.T. 0.06 min

Lab File: BF087855.D

Acq: 9 Jun 2016 16:31

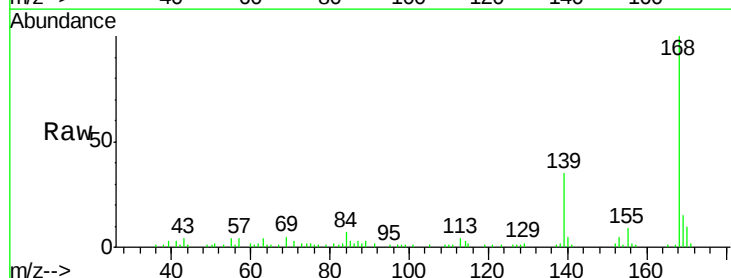
Tgt Ion:139 Resp: 11425

Ion Ratio Lower Upper

139 100

109 4.0 48.9 88.9#

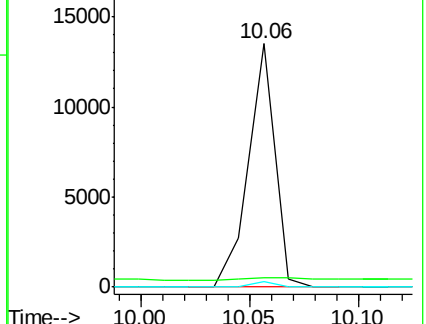
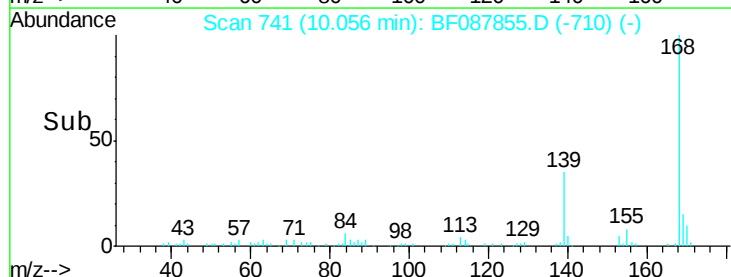
65 2.4 84.9 124.9#

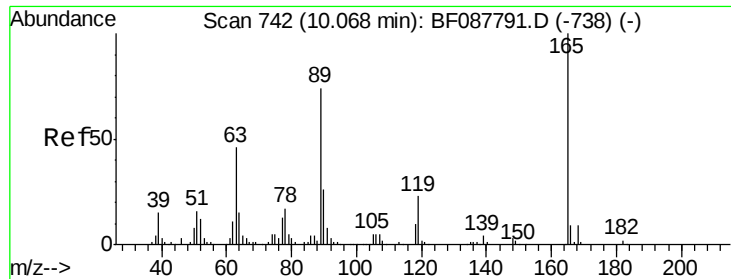


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

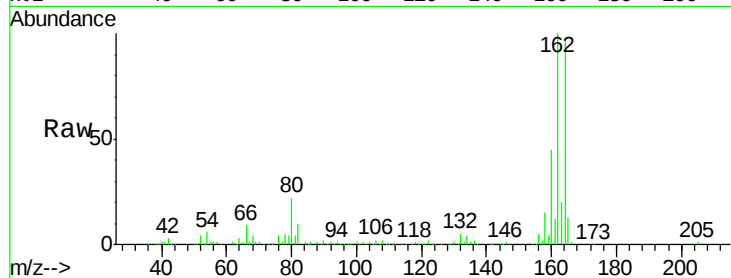




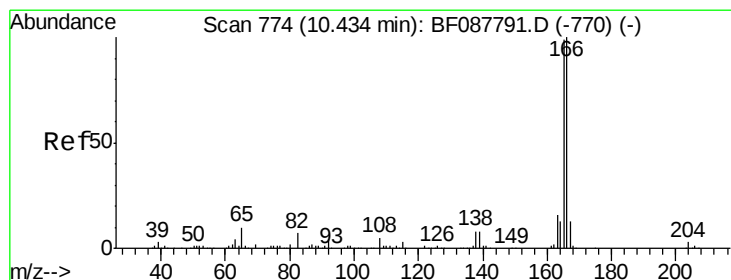
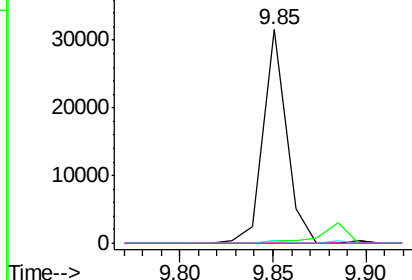
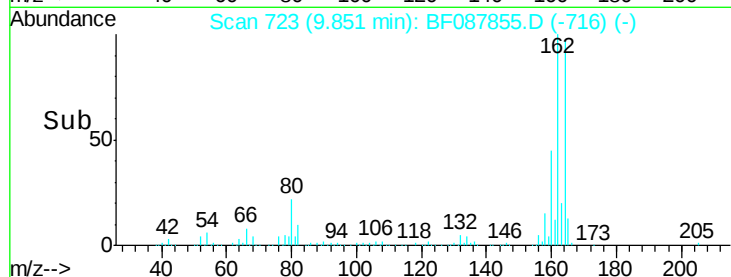
#56
2,4-Dinitrotoluene
Concen: 6.35 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.22 min
Lab File: BF087855.D
Acq: 9 Jun 2016 16:31

Instrument :
BNA_F
ClientSampleId :
SS-32

Tgt Ion:165 Resp: 27077
Ion Ratio Lower Upper
165 100
63 1.4 22.0 33.0#
89 1.3 41.1 61.7#
182 0.0 2.0 3.0#

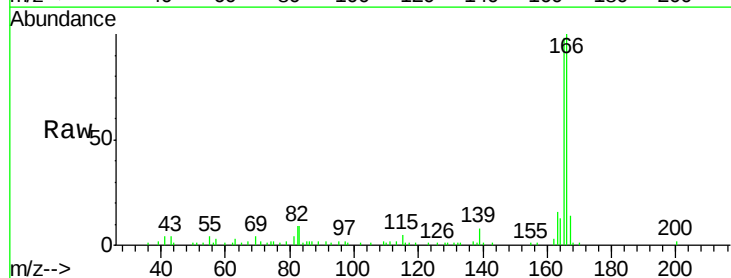


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

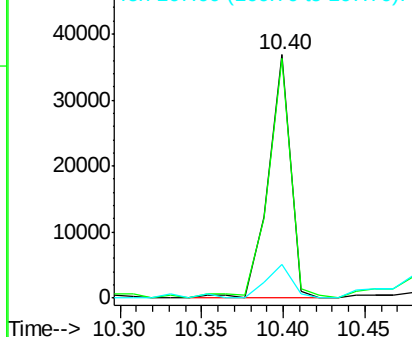
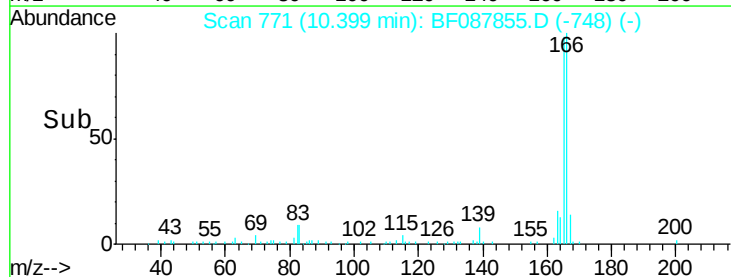


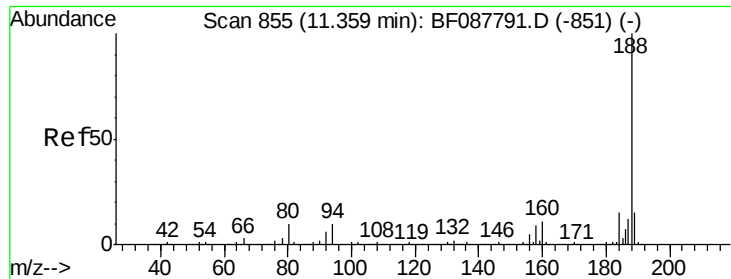
#57
Fluorene
Concen: Below Cal
RT: 10.40 min Scan# 771
Delta R.T. -0.03 min
Lab File: BF087855.D
Acq: 9 Jun 2016 16:31

Tgt Ion:166 Resp: 34952
Ion Ratio Lower Upper
166 100
165 98.5 77.8 116.8
167 13.9 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

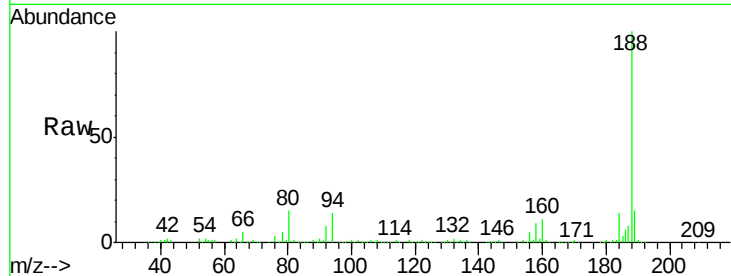




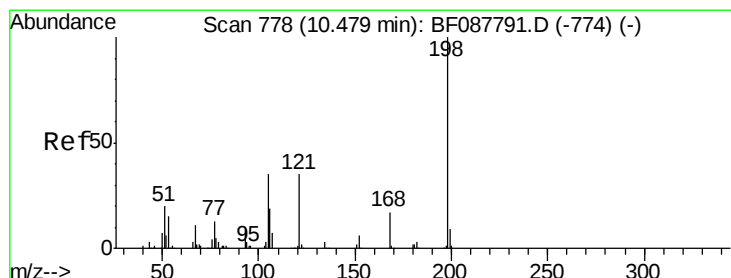
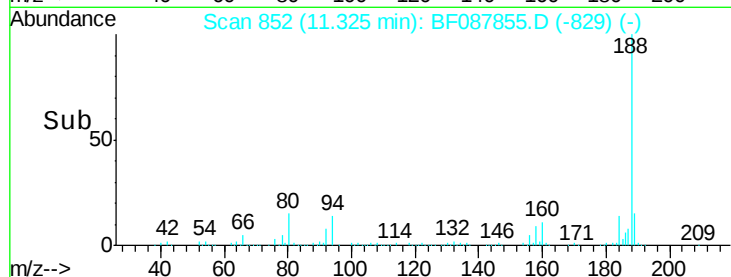
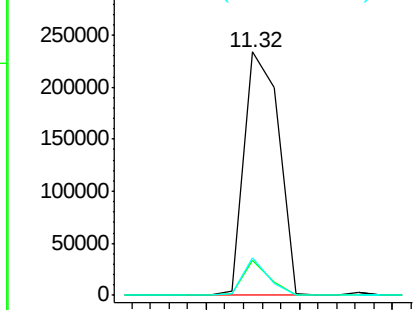
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087855.D
Acq: 9 Jun 2016 16:31

Instrument :
BNA_F
ClientSampleId :
SS-32

Tgt Ion:188 Resp: 302001
Ion Ratio Lower Upper
188 100
94 14.1 9.0 13.6#
80 15.2 10.0 15.0#

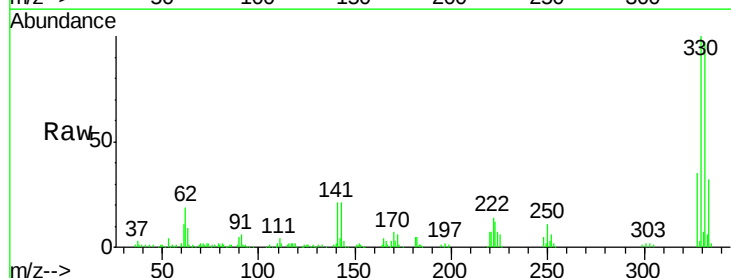


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

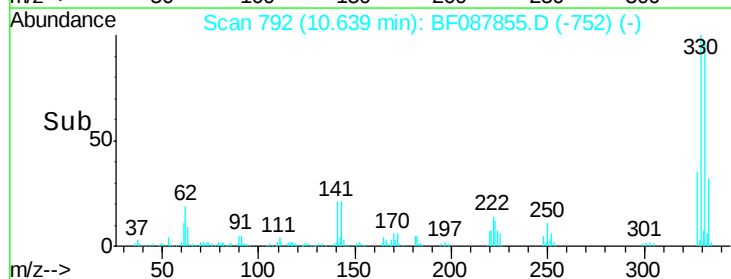
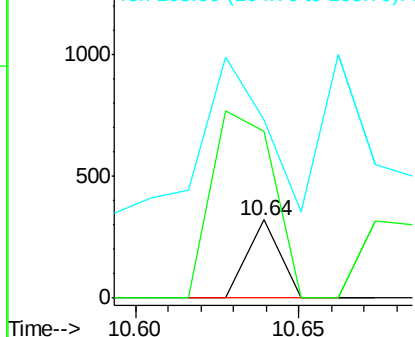


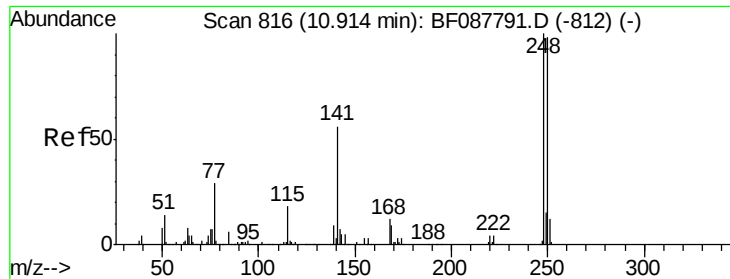
#64
4,6-Dinitro-2-methylphenol
Concen: 2.27 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.16 min
Lab File: BF087855.D
Acq: 9 Jun 2016 16:31

Tgt Ion:198 Resp: 220
Ion Ratio Lower Upper
198 100
51 213.4 39.6 79.6#
105 228.7 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

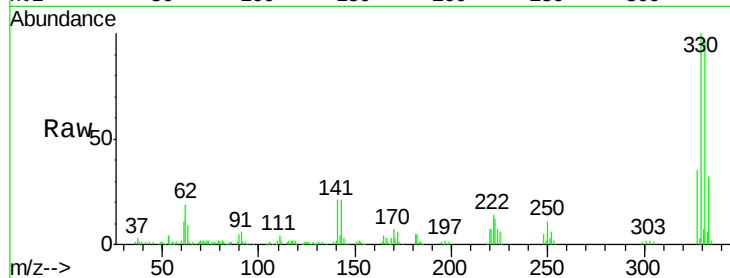




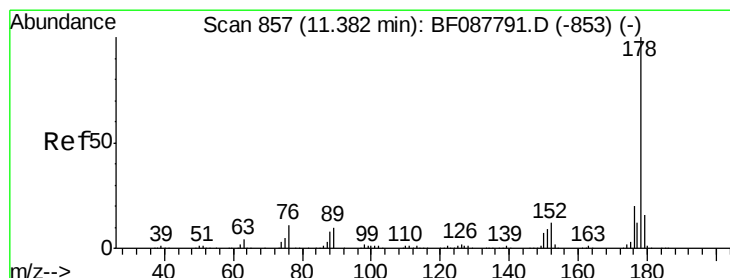
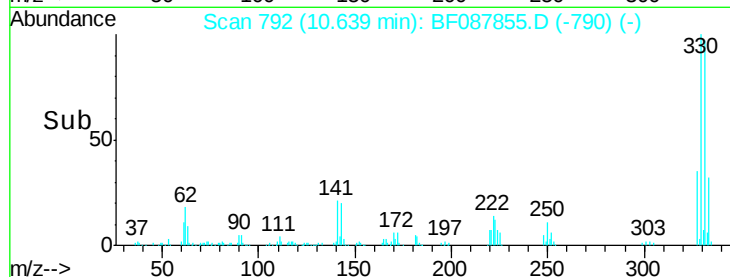
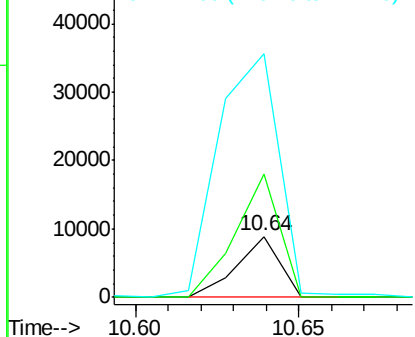
#66
4-Bromophenyl-phenylether
Concen: 2.47 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.27 min
Lab File: BF087855.D
Acq: 9 Jun 2016 16:31

Instrument :
BNA_F
ClientSampleId :
SS-32

Tgt Ion: 248 Resp: 8010
Ion Ratio Lower Upper
248 100
250 203.5 77.1 115.7#
141 400.2 50.6 76.0#

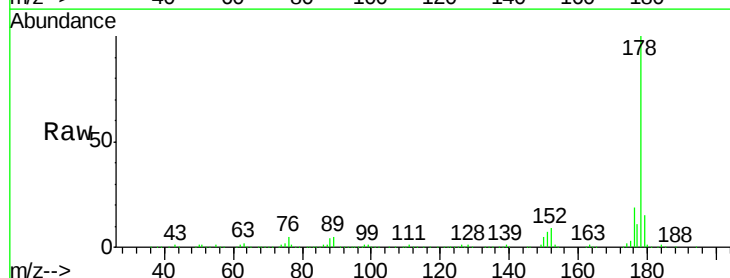


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

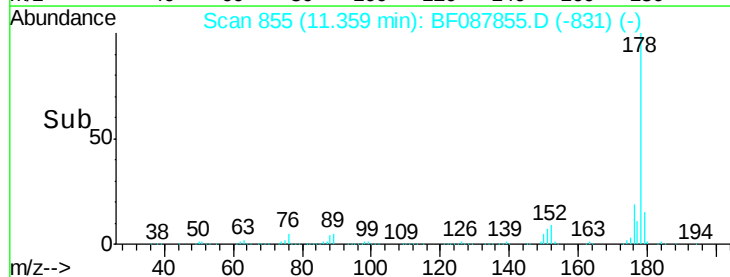
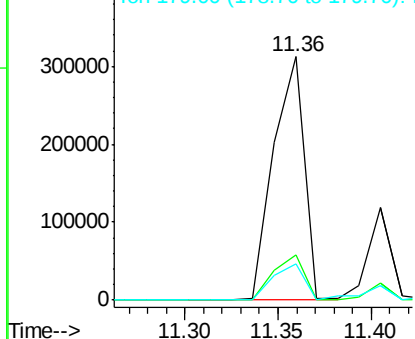


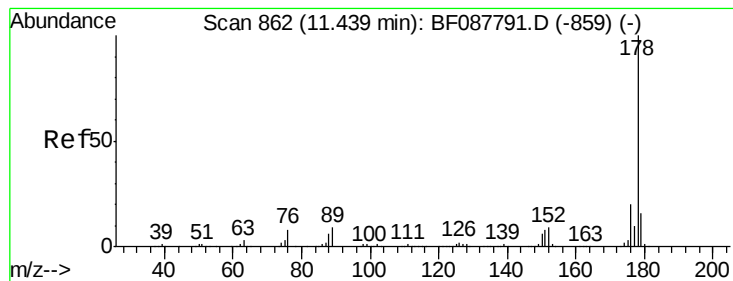
#70
Phenanthrene
Concen: 22.65 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF087855.D
Acq: 9 Jun 2016 16:31

Tgt Ion: 178 Resp: 358945
Ion Ratio Lower Upper
178 100
176 18.6 15.8 23.6
179 15.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 6.34 ng

RT: 11.40 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF087855.D

Acq: 9 Jun 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SS-32

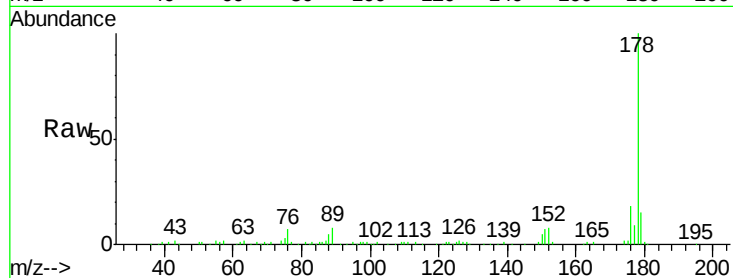
Tgt Ion:178 Resp: 101385

Ion Ratio Lower Upper

178 100

176 18.0 15.6 23.4

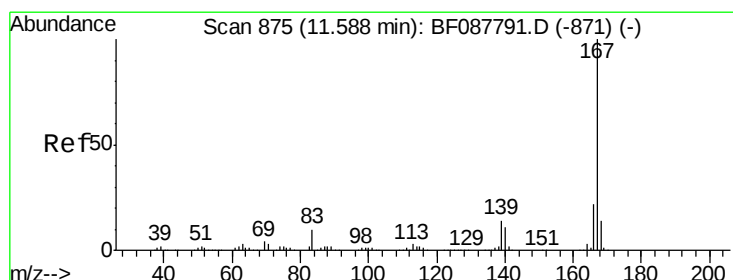
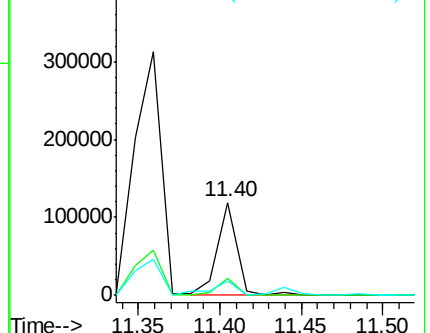
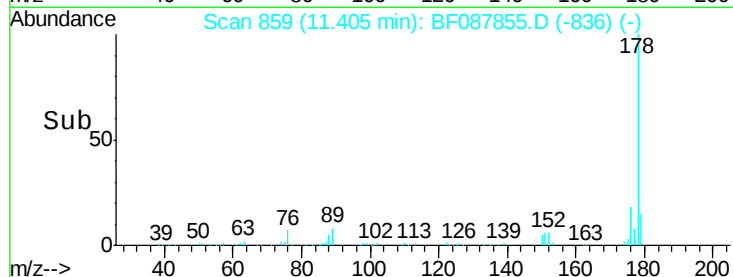
179 15.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 2.59 ng

RT: 11.55 min Scan# 872

Delta R.T. -0.03 min

Lab File: BF087855.D

Acq: 9 Jun 2016 16:31

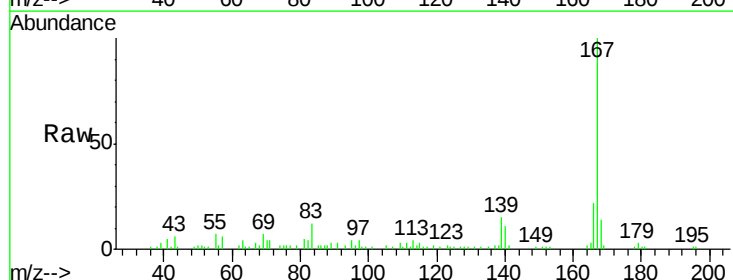
Tgt Ion:167 Resp: 38751

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

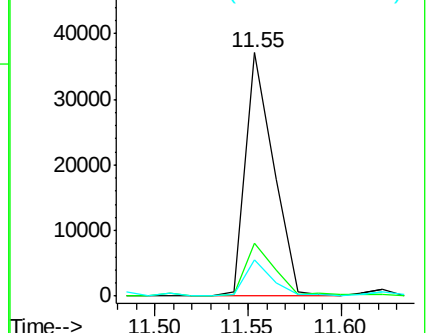
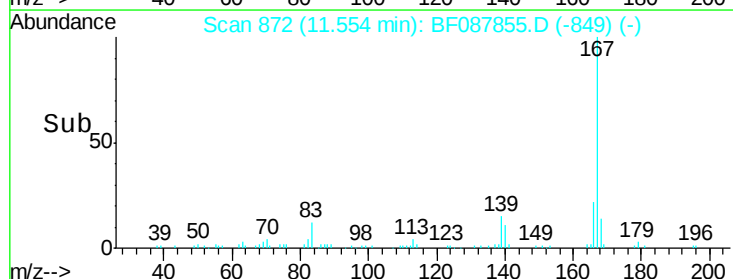
139 14.8 11.2 16.8

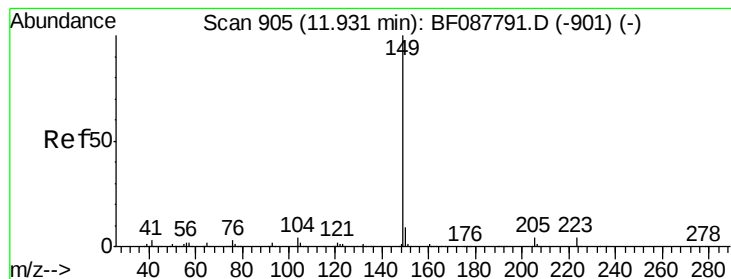


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 3.93 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF087855.D

Acq: 9 Jun 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SS-32

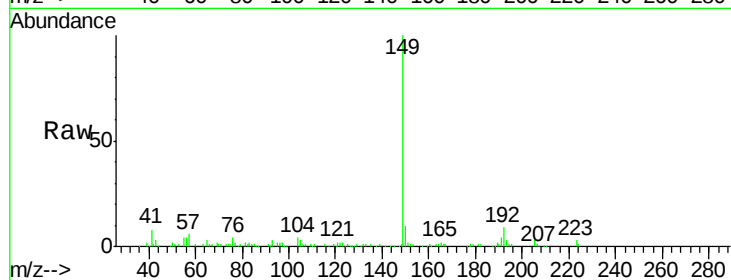
Tgt Ion:149 Resp: 74501

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

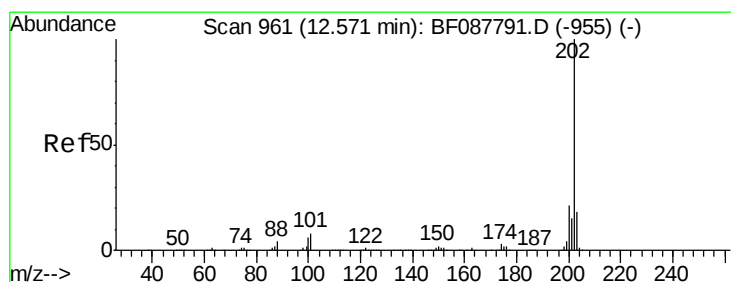
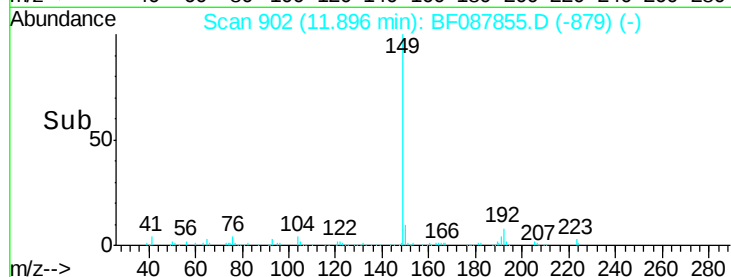
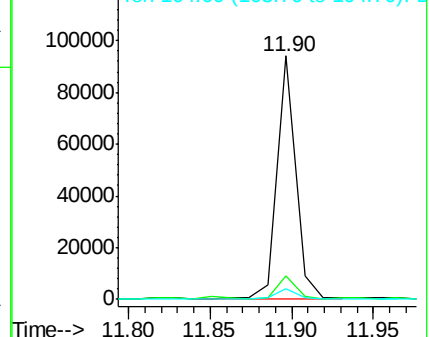
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 25.90 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF087855.D

Acq: 9 Jun 2016 16:31

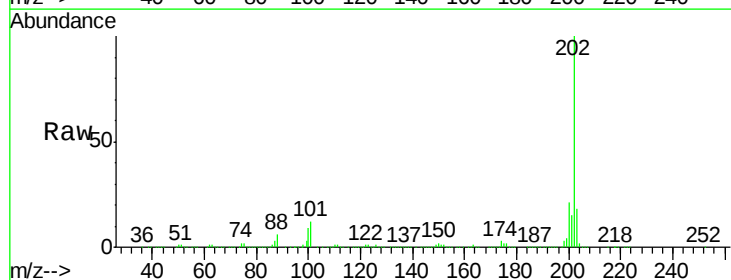
Tgt Ion:202 Resp: 433109

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.1

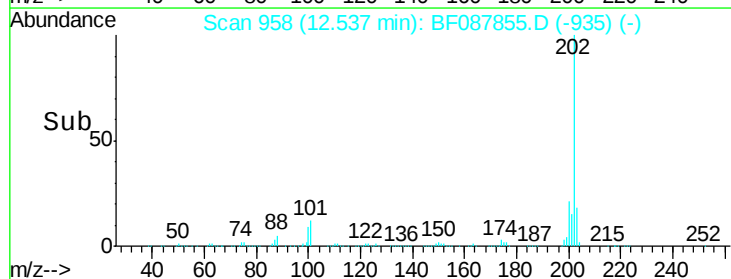
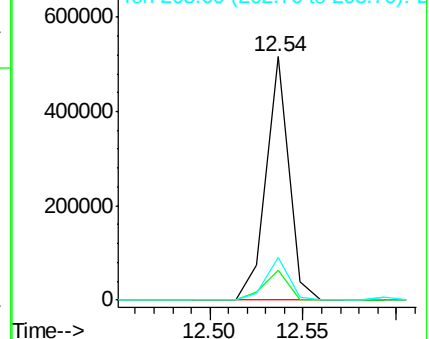
203 17.6 0.0 38.1

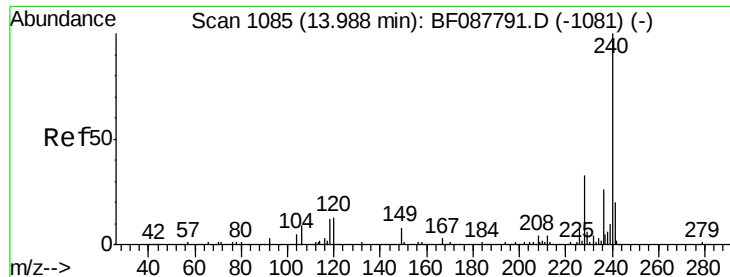


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF087855.D

Acq: 9 Jun 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SS-32

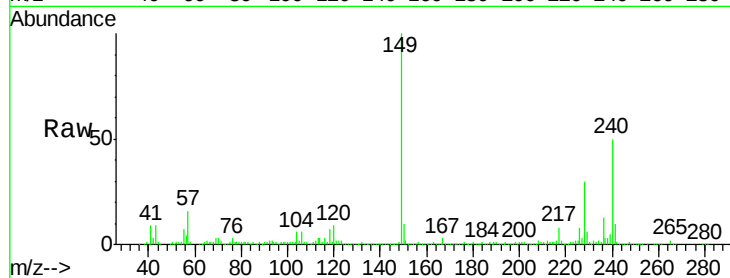
Tgt Ion:240 Resp: 233625

Ion Ratio Lower Upper

240 100

120 16.9 6.8 10.2#

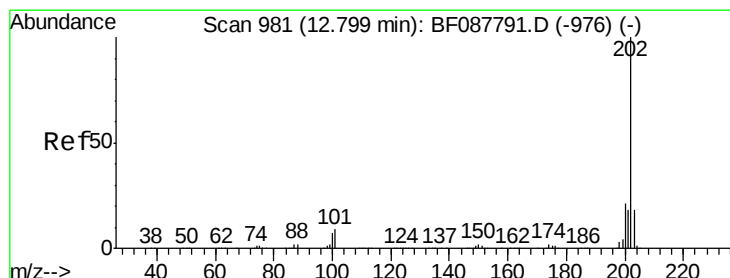
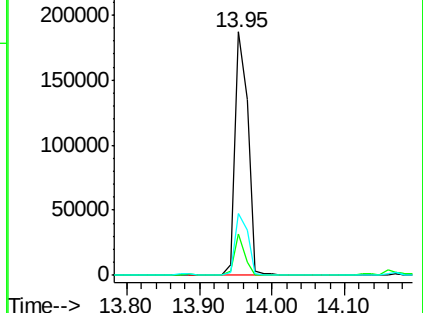
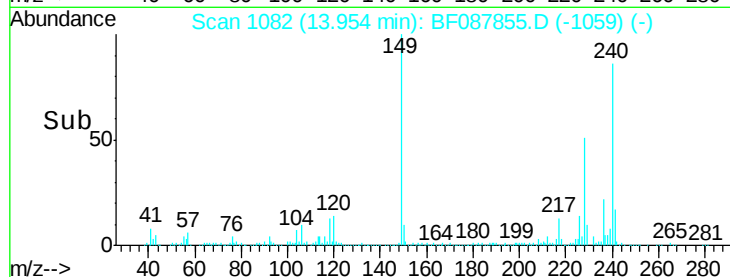
236 25.2 20.2 30.2



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



#77

Pyrene

Concen: 22.76 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF087855.D

Acq: 9 Jun 2016 16:31

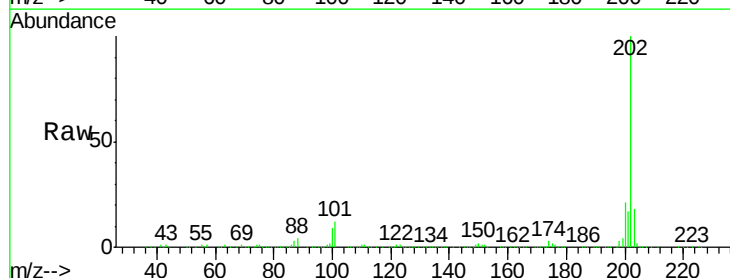
Tgt Ion:202 Resp: 394654

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

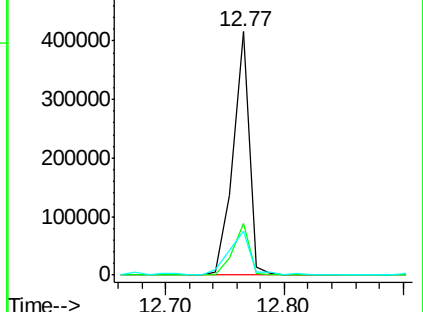
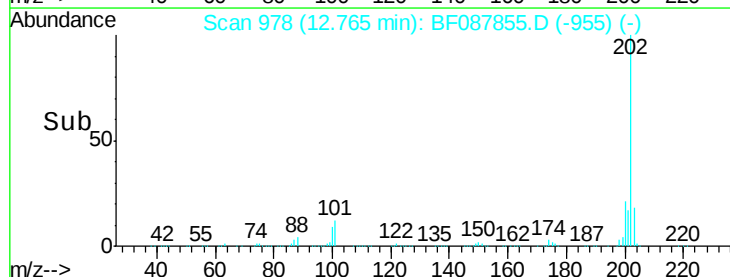
203 17.8 14.5 21.7

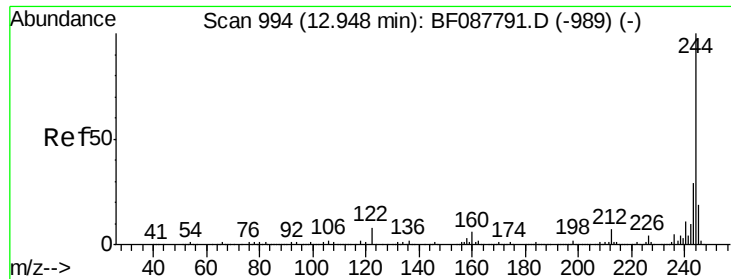


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

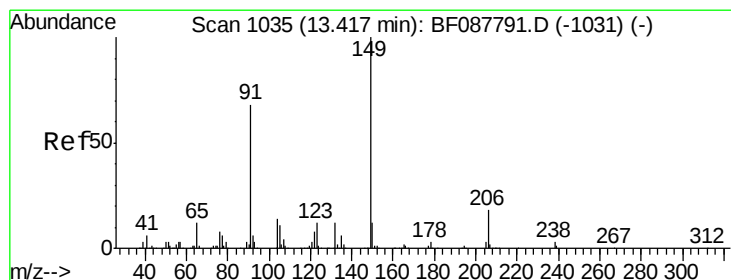
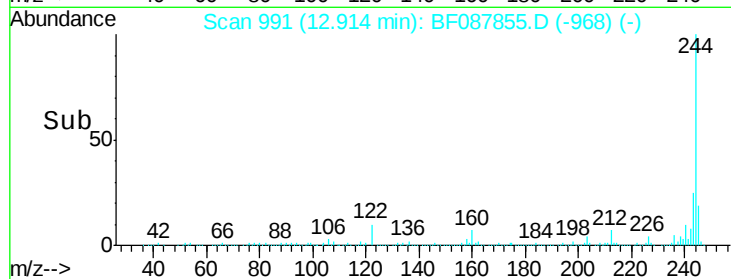
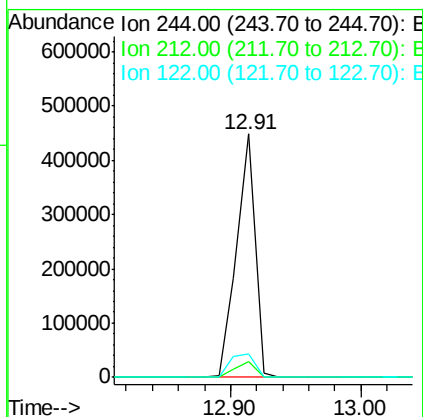
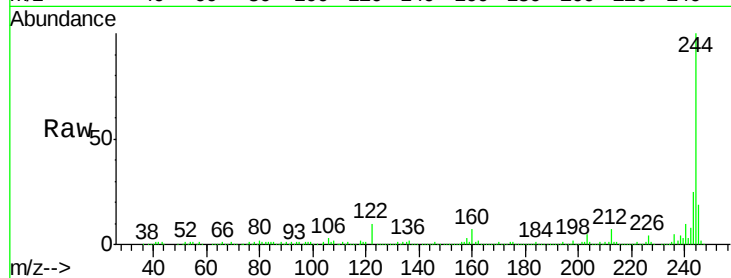




#78
 Terphenyl-d14
 Concen: 42.92 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087855.D
 Acq: 9 Jun 2016 16:31

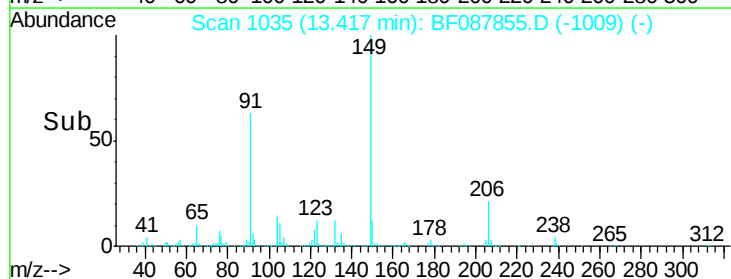
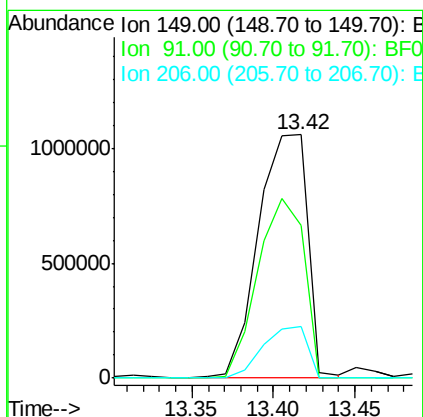
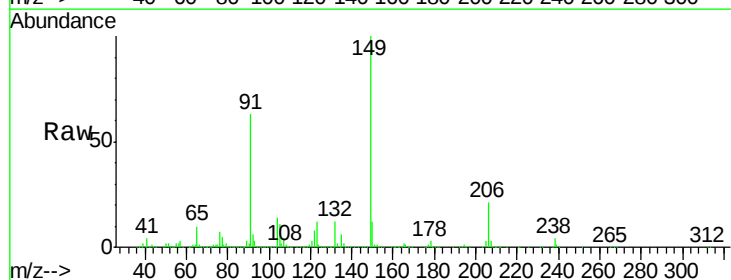
Instrument :
 BNA_F
 ClientSampleId :
 SS-32

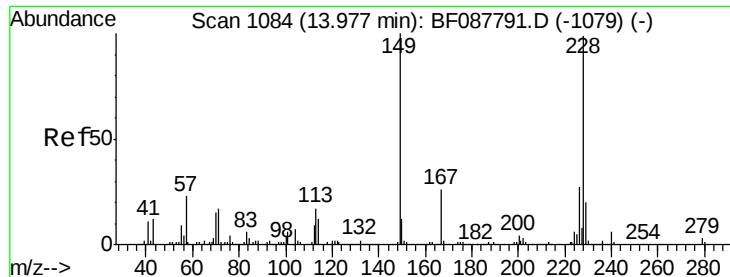
Tgt Ion:244 Resp: 440685
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 9.6 11.2 16.8#



#79
 Butylbenzylphthalate
 Concen: 288.96 ng
 RT: 13.42 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF087855.D
 Acq: 9 Jun 2016 16:31

Tgt Ion:149 Resp: 2214773
 Ion Ratio Lower Upper
 149 100
 91 62.9 48.0 72.0
 206 21.1 16.0 24.0





#80

Benzo(a)anthracene

Concen: 14.86 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.03 min

Lab File: BF087855.D

Acq: 9 Jun 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SS-32

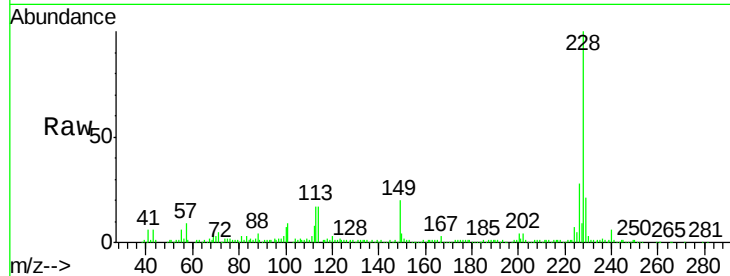
Tgt Ion:228 Resp: 197798

Ion Ratio Lower Upper

228 100

226 28.3 22.3 33.5

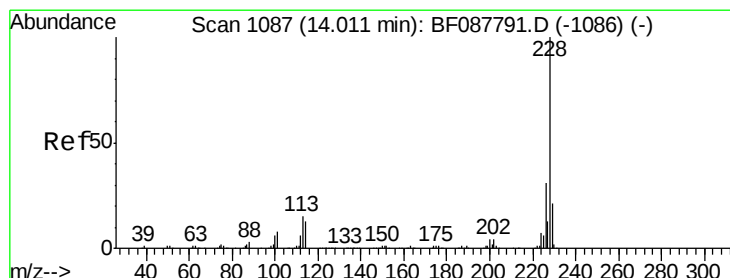
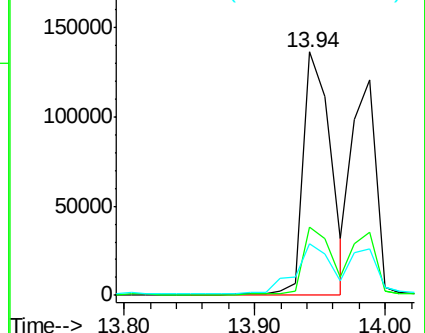
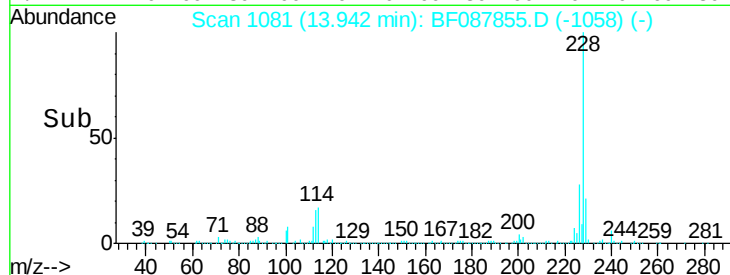
229 21.2 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 12.28 ng

RT: 13.99 min Scan# 1085

Delta R.T. -0.02 min

Lab File: BF087855.D

Acq: 9 Jun 2016 16:31

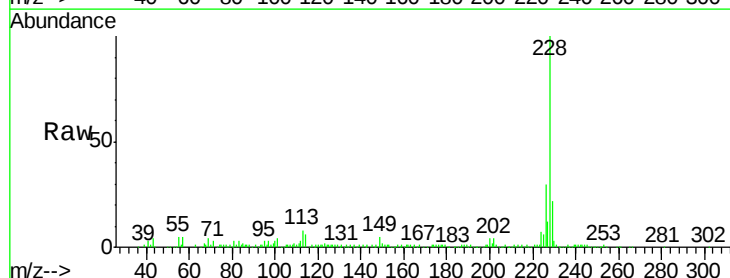
Tgt Ion:228 Resp: 153748

Ion Ratio Lower Upper

228 100

226 29.5 25.4 38.2

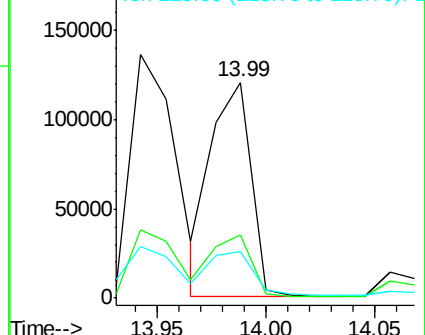
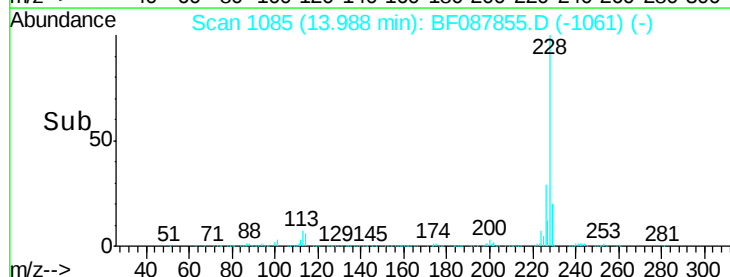
229 21.7 16.3 24.5

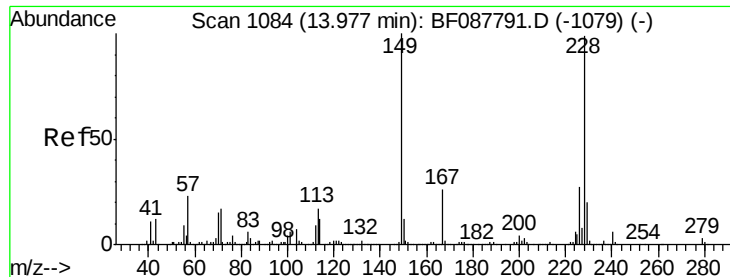


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

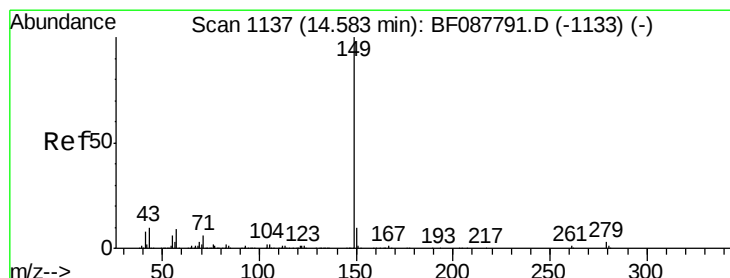
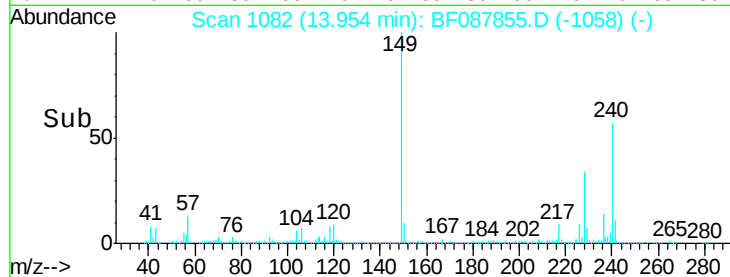
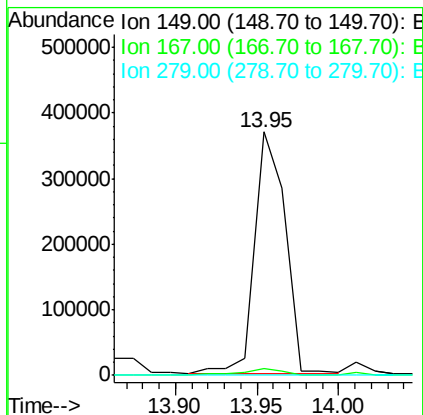
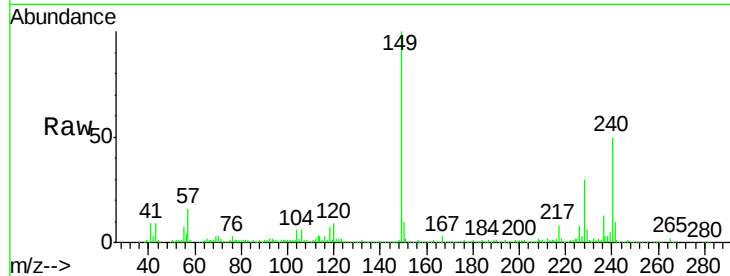




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.66 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF087855.D
 Acq: 9 Jun 2016 16:31

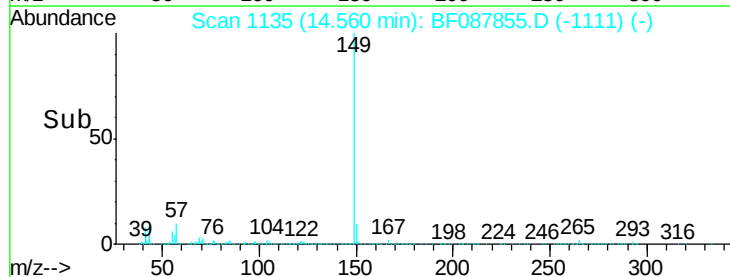
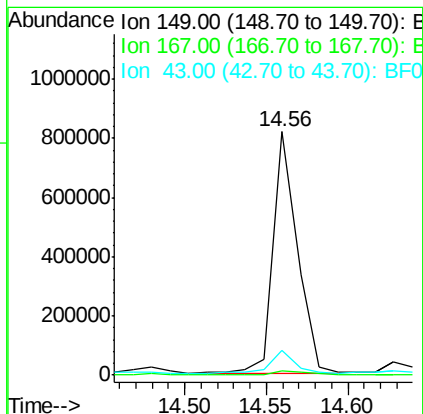
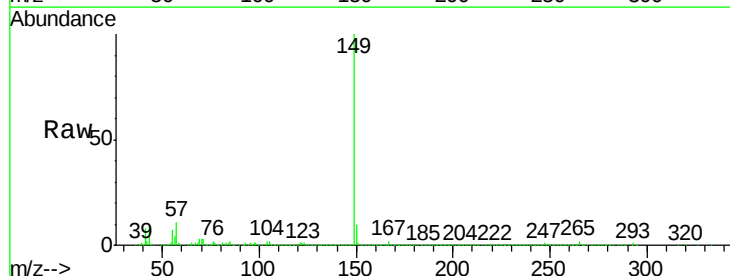
Instrument :
 BNA_F
 ClientSampleId :
 SS-32

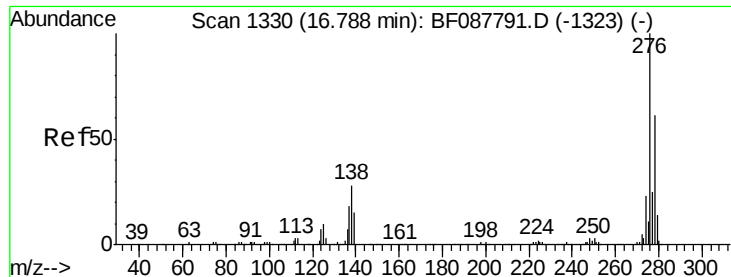
Tgt Ion:149 Resp: 482048
 Ion Ratio Lower Upper
 149 100
 167 2.6 20.5 30.7#
 279 0.3 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 56.58 ng
 RT: 14.56 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF087855.D
 Acq: 9 Jun 2016 16:31

Tgt Ion:149 Resp: 857763
 Ion Ratio Lower Upper
 149 100
 167 2.2 0.0 0.0#
 43 9.1 0.0 0.0#

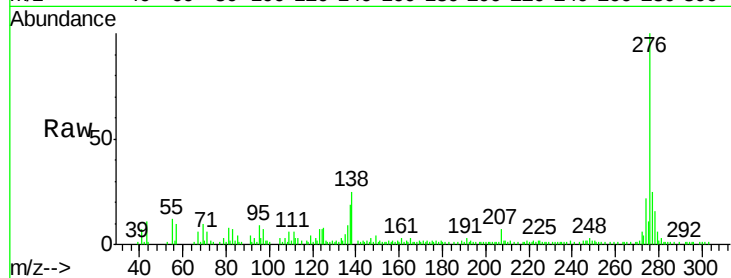




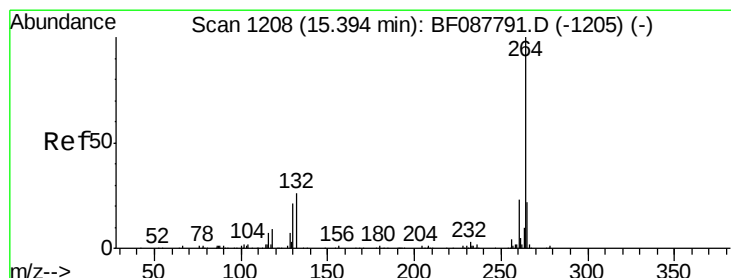
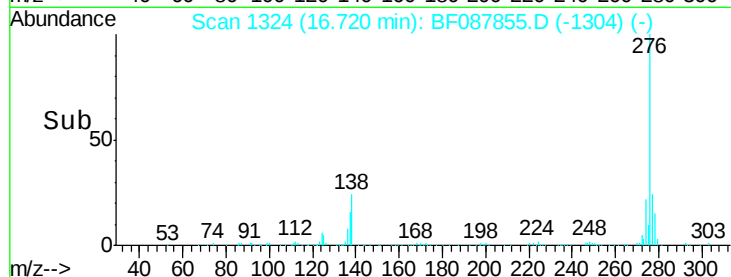
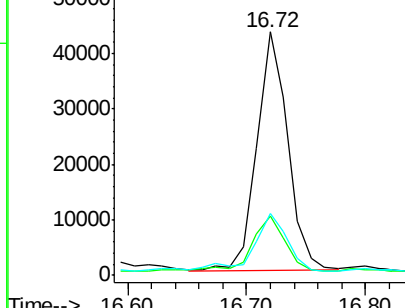
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.74 ng
 RT: 16.72 min Scan# 1324
 Delta R.T. -0.07 min
 Lab File: BF087855.D
 Acq: 9 Jun 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 SS-32

Tgt Ion: 276 Resp: 78384
 Ion Ratio Lower Upper
 276 100
 138 28.0 0.0 0.0#
 277 30.3 0.0 0.0#

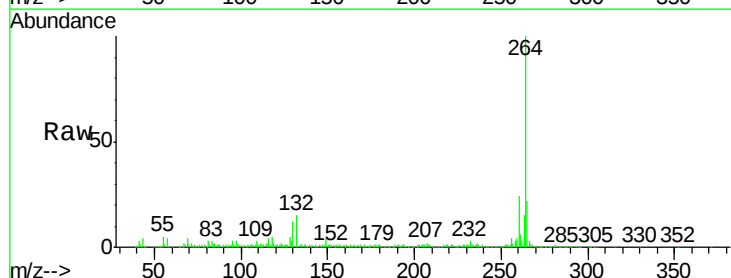


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

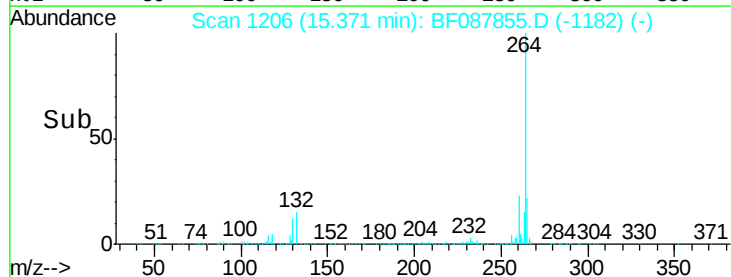
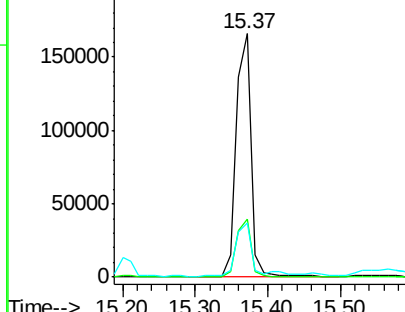


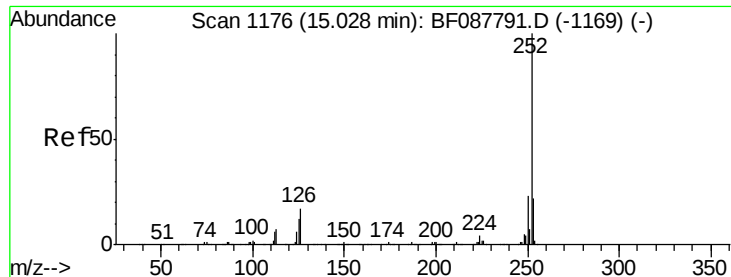
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087855.D
 Acq: 9 Jun 2016 16:31

Tgt Ion: 264 Resp: 233485
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.1 16.9 25.3



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





#87

Benzo(b)fluoranthene

Concen: 17.30 ng

RT: 14.97 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BF087855.D

Acq: 9 Jun 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SS-32

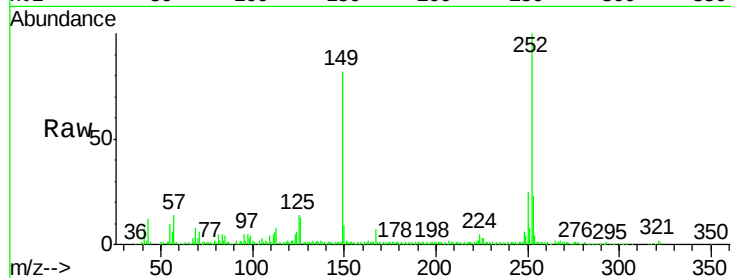
Tgt Ion:252 Resp: 281463

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

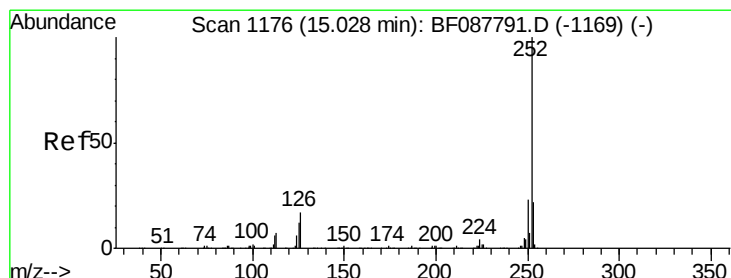
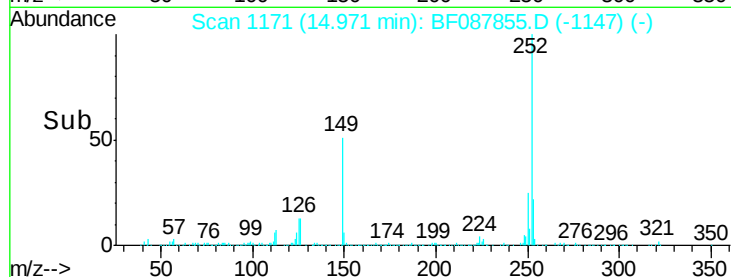
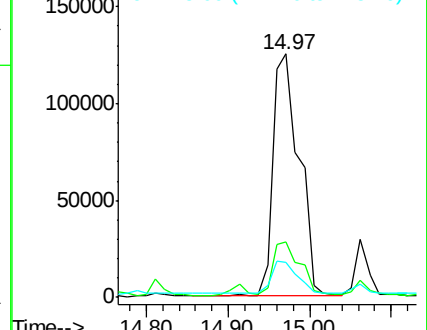
125 14.3 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 22.93 ng

RT: 14.97 min Scan# 1171

Delta R.T. -0.06 min

Lab File: BF087855.D

Acq: 9 Jun 2016 16:31

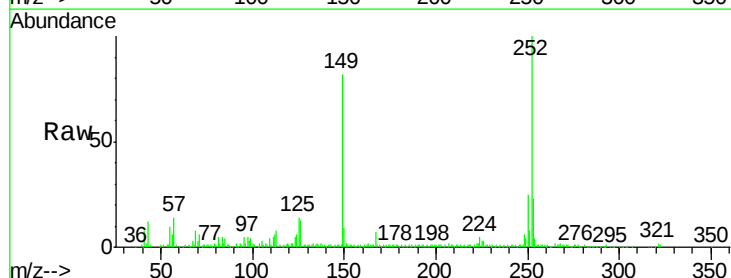
Tgt Ion:252 Resp: 281463

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

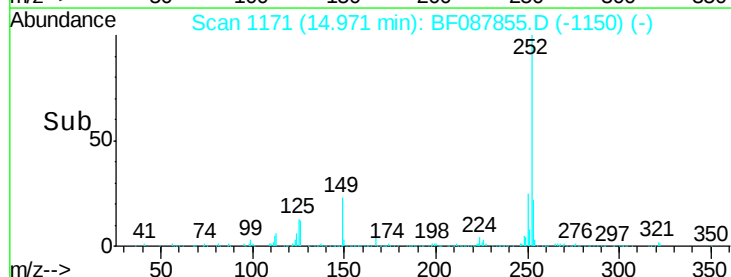
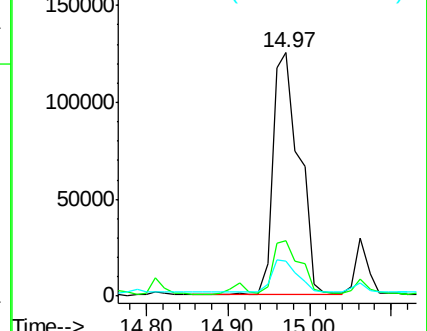
125 14.3 11.2 16.8

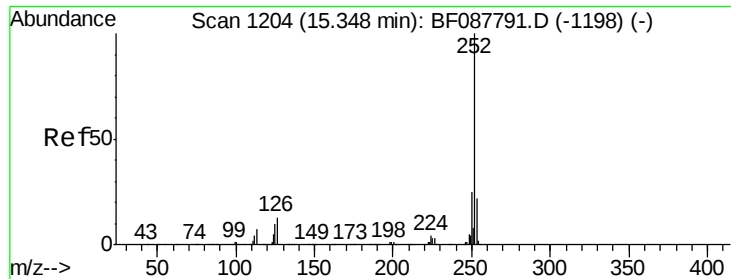


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

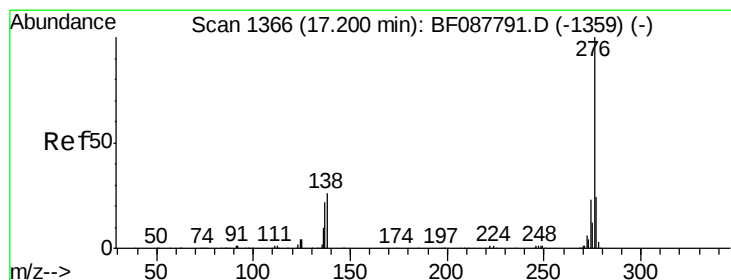
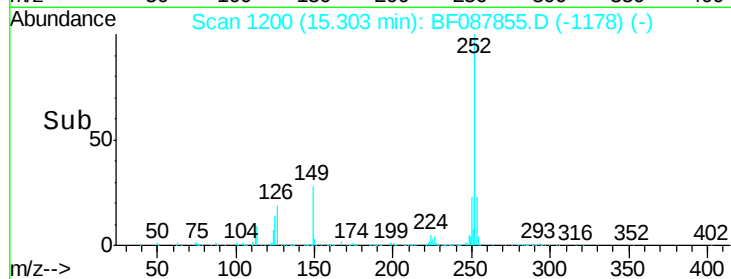
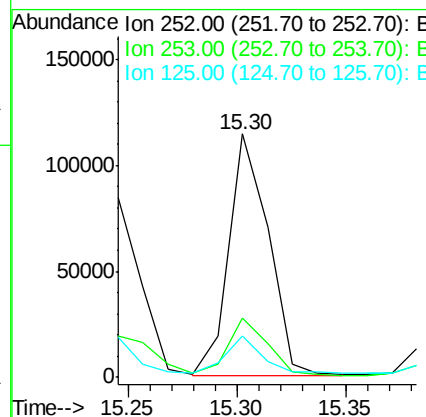
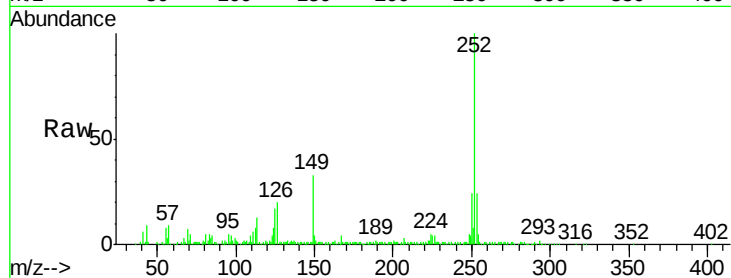




#89
Benzo(a)pyrene
Concen: 10.98 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BF087855.D
Acq: 9 Jun 2016 16:31

Instrument :
BNA_F
ClientSampleId :
SS-32

Tgt Ion: 252 Resp: 144556
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 16.8 12.5 18.7



#91
Benzo(g,h,i)perylene
Concen: 5.80 ng
RT: 17.13 min Scan# 1360
Delta R.T. -0.07 min
Lab File: BF087855.D
Acq: 9 Jun 2016 16:31

Tgt Ion: 276 Resp: 73007
Ion Ratio Lower Upper
276 100
277 24.6 18.9 28.3
138 23.7 21.4 32.2

