

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
 Data File : BF088483.D
 Acq On : 28 Jun 2016 8:00
 Operator : UM/SJ
 Sample : H3766-03 50X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4A

Quant Time: Jun 28 08:24:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 05:25:55 2016
 Response via : Initial Calibration

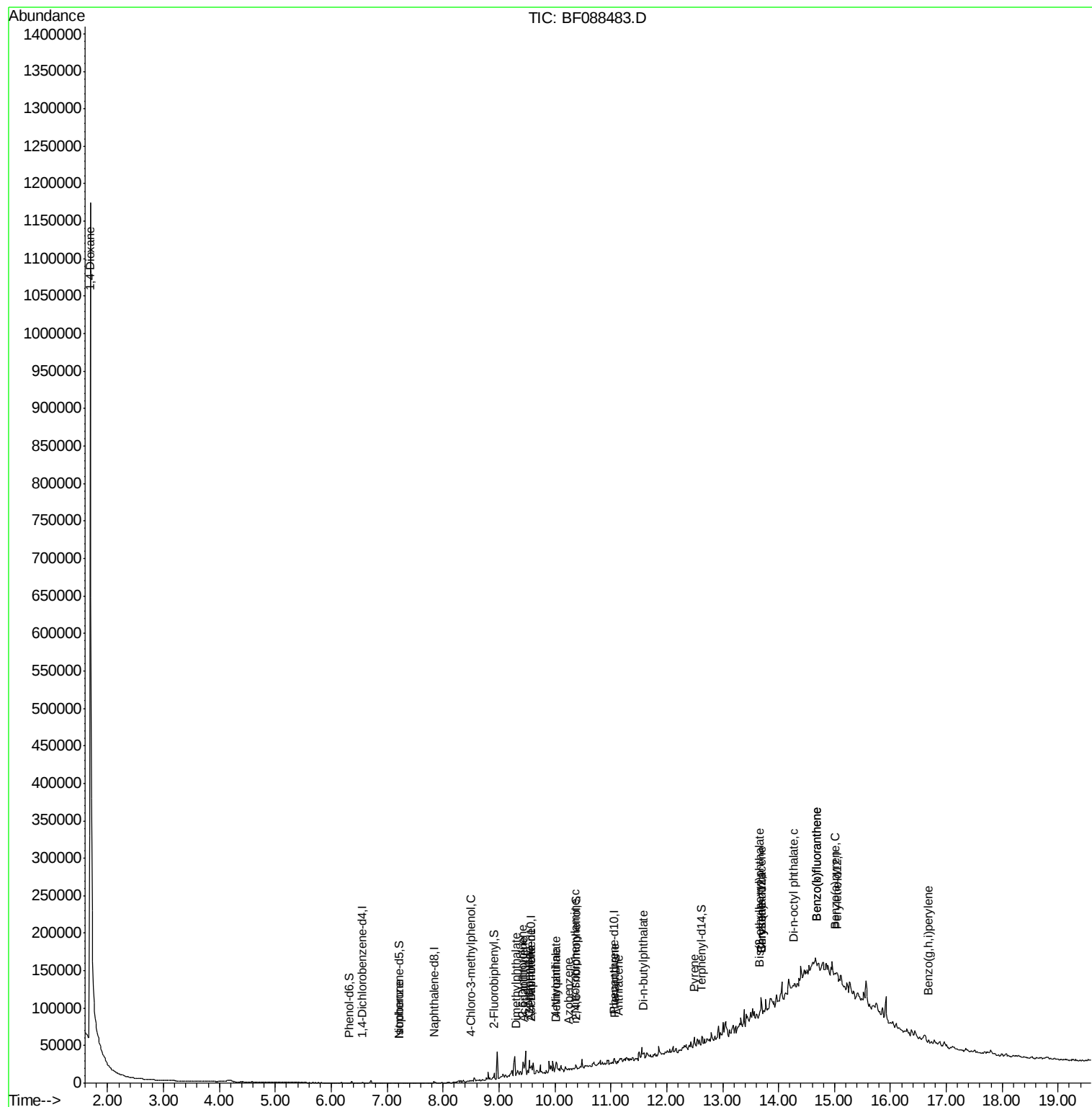
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	224	20.00	ng	0.01
21) Naphthalene-d8	7.84	136	3901	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	2265	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	2804	20.00	ng	0.00
75) Chrysene-d12	13.69	240	3651	20.00	ng	0.00
86) Perylene-d12	15.05	264	3228	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.32	99	1639	103.21	ng	0.09
23) Nitrobenzene-d5	7.21	82	439	6.57	ng	0.08
41) 2,4,6-Tribromophenol	10.38	330	309	12.92	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	5241	32.96	ng	-0.01
78) Terphenyl-d14	12.63	244	3461	21.57	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.69	88	68843	10812.83	ng	Qvalue # 97
25) Isophorone	7.21	82	439	3.55	ng	# 65
36) 4-Chloro-3-methylphenol	8.50	107	235	4.12	ng	# 19
48) Acenaphthylene	9.44	152	1452	6.23	ng	# 2
49) Dimethylphthalate	9.31	163	2011	12.26	ng	# 77
50) 2,6-Dinitrotoluene	9.43	165	270	7.19	ng	# 37
52) 3-Nitroaniline	9.54	138	423	9.76	ng	# 1
56) 2,4-Dinitrotoluene	9.58	165	336	6.96	ng	# 36
59) Diethylphthalate	10.01	149	1121	6.75	ng	# 60
61) 4-Nitroaniline	10.02	138	356	8.66	ng	# 22
62) Azobenzene	10.25	77	457	2.78	ng	# 30
65) n-Nitrosodiphenylamine	10.36	169	244	2.62	ng	# 9
70) Phenanthrene	11.07	178	523	3.55	ng	# 10
71) Anthracene	11.14	178	1256	8.46	ng	# 14
73) Di-n-butylphthalate	11.58	149	537	3.05	ng	# 77
77) Pyrene	12.49	202	7102	26.21	ng	# 92
80) Benzo(a)anthracene	13.69	228	8169	39.26	ng	# 53
82) Chrysene	13.69	228	8169	41.73	ng	# 60
83) Bis(2-ethylhexyl)phthalate	13.67	149	402	2.76	ng	# 65
84) Di-n-octyl phthalate	14.27	149	548	2.31	ng	# 100
87) Benzo(b)fluoranthene	14.69	252	3197	14.21	ng	# 1
88) Benzo(k)fluoranthene	14.69	252	3197	18.84	ng	# 1
89) Benzo(a)pyrene	15.01	252	1761	9.67	ng	# 1
91) Benzo(g,h,i)perylene	16.69	276	768	4.42	ng	# 12

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

Instrument :

BNA_F

ClientSampled :

4A

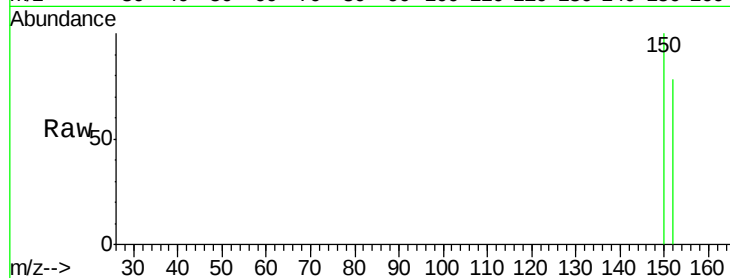
Tgt Ion:152 Resp: 224

Ion Ratio Lower Upper

152 100

150 127.5 123.8 185.6

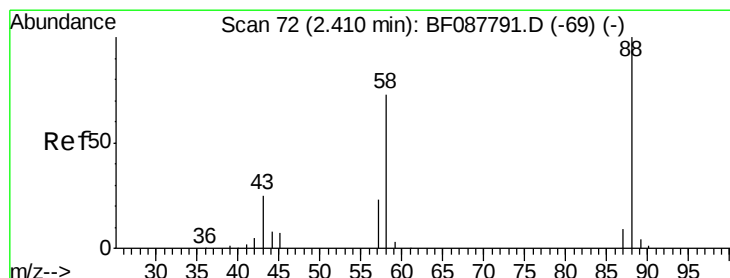
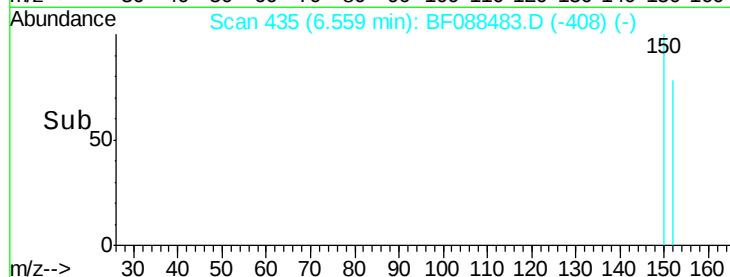
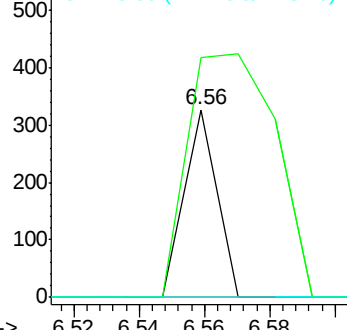
115 0.0 39.6 59.4#



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



#2

1,4-Dioxane

Concen: 10812.83 ng

RT: 1.69 min Scan# 9

Delta R.T. -0.25 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

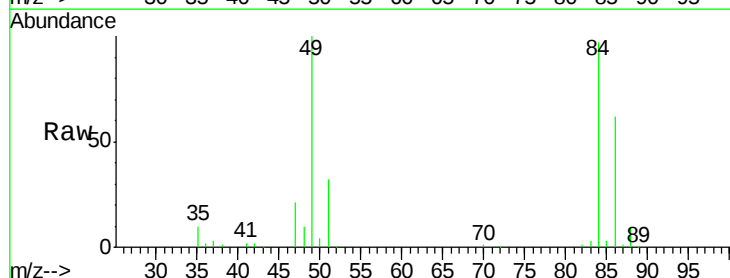
Tgt Ion: 88 Resp: 68843

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

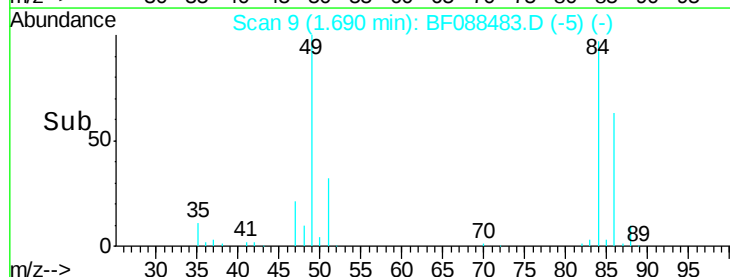
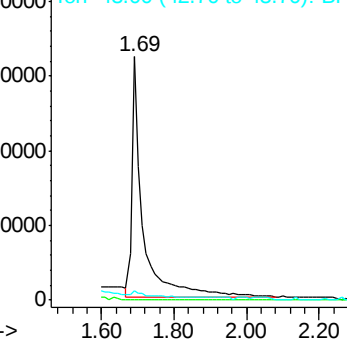
43 3.4 3.4 5.2#

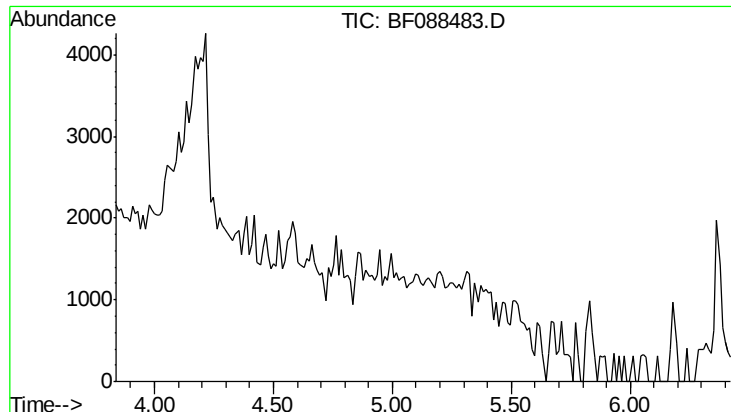


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

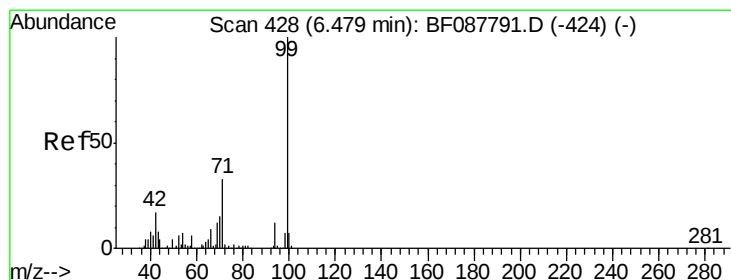
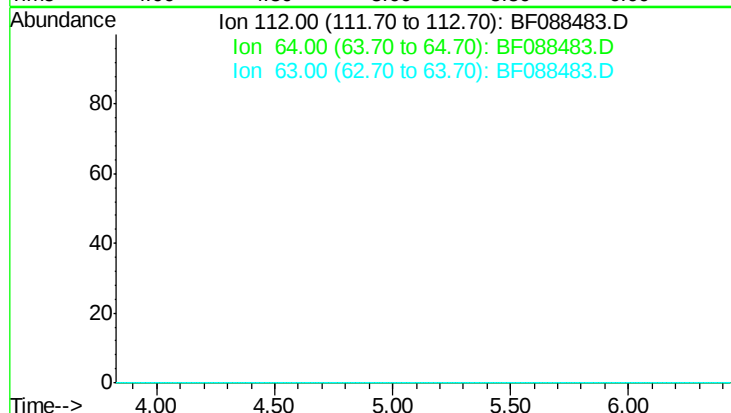




#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.13 min
 Lab File: BF088483.D
 Acq: 28 Jun 2016 8:00

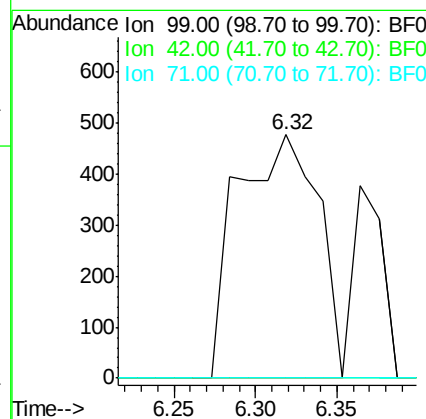
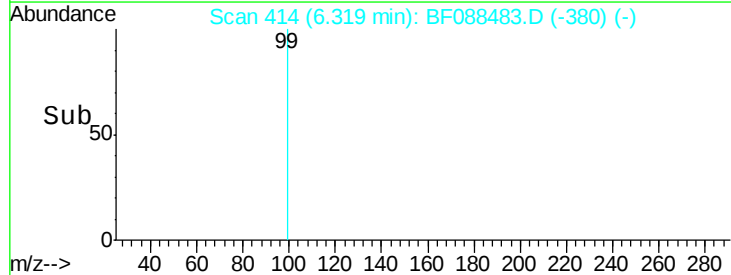
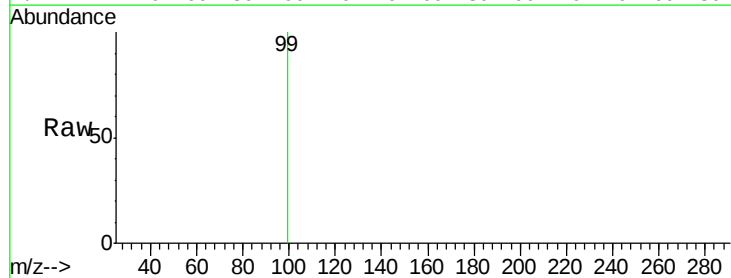
Instrument :
 BNA_F
 ClientSampleId :
 4A

Tgt Ion	Exp Ratio
112	100
64	52.7
63	27.3



#7
 Phenol-d6
 Concen: 103.21 ng
 RT: 6.32 min Scan# 414
 Delta R.T. 0.09 min
 Lab File: BF088483.D
 Acq: 28 Jun 2016 8:00

Tgt Ion	Ratio	Lower	Upper
99	100		
42	0.0	12.2	18.2#
71	0.0	23.4	35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

Instrument :

BNA_F

ClientSampleId :

4A

Tgt Ion: 136 Resp: 3901

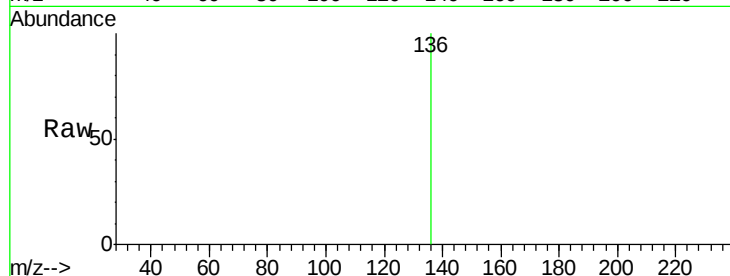
Ion Ratio Lower Upper

136 100

137 0.0 9.1 13.7#

54 0.0 6.6 10.0#

68 0.0 5.1 7.7#

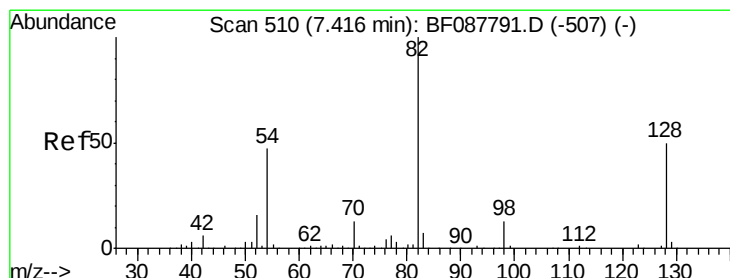
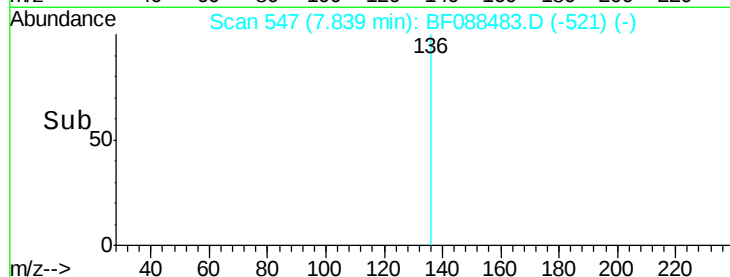
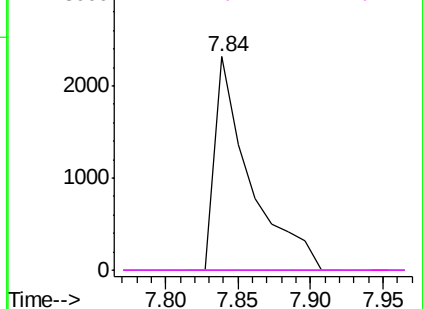


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.57 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.08 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

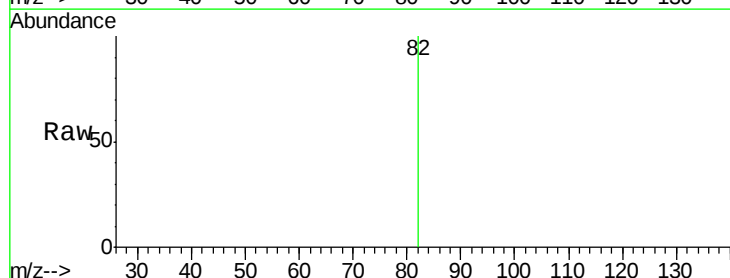
Tgt Ion: 82 Resp: 439

Ion Ratio Lower Upper

82 100

128 0.0 35.9 53.9#

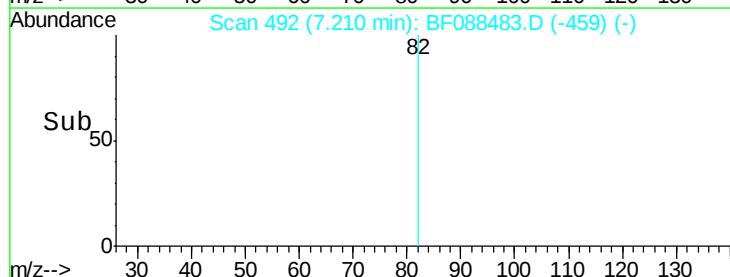
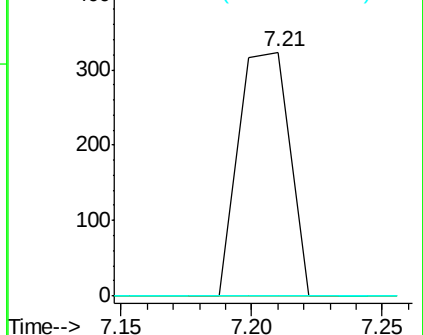
54 0.0 40.9 61.3#

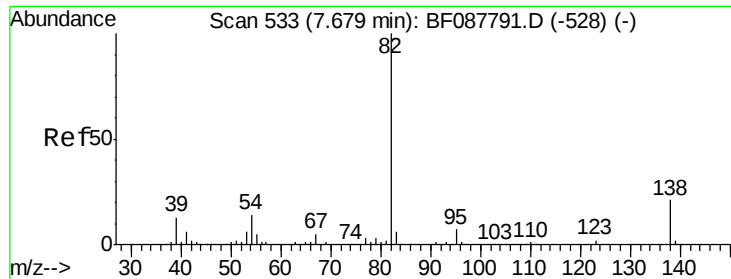


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 3.55 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.18 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

Instrument :

BNA_F

ClientSampleId :

4A

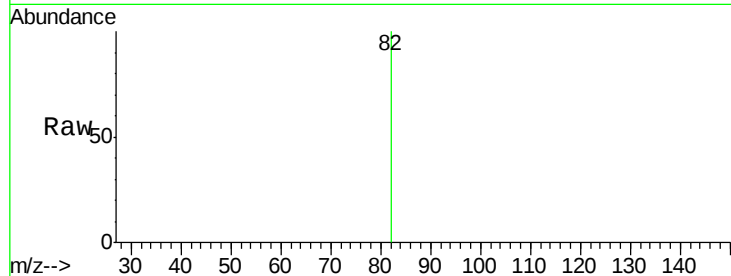
Tgt Ion: 82 Resp: 439

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E

7.21

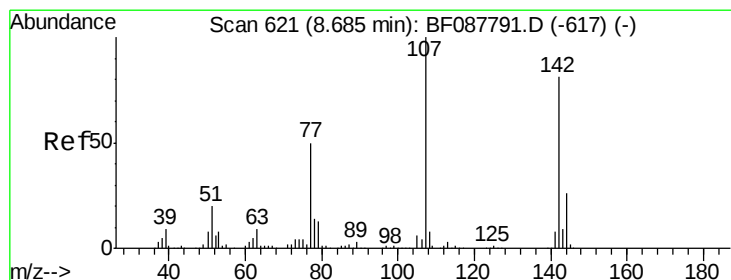
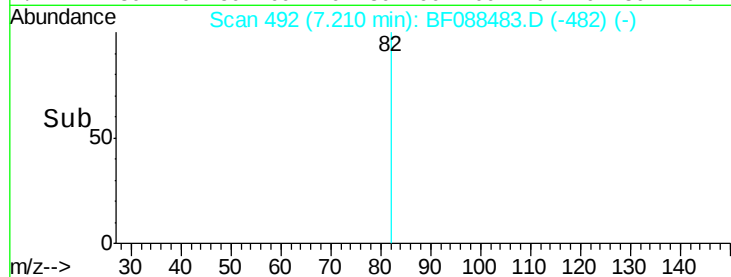
300

200

100

0

Time--> 7.15 7.20 7.25



#36

4-Chloro-3-methylphenol

Concen: 4.12 ng

RT: 8.50 min Scan# 605

Delta R.T. 0.07 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

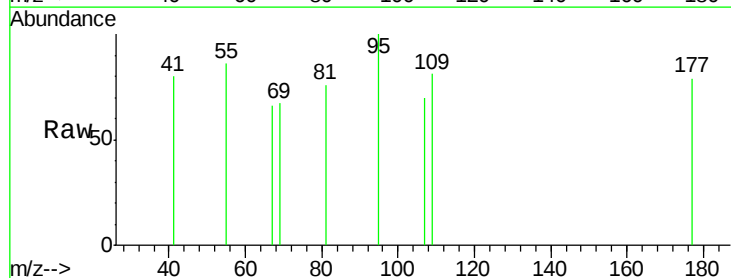
Tgt Ion: 107 Resp: 235

Ion Ratio Lower Upper

107 100

144 0.0 20.8 31.2#

142 0.0 63.4 95.2#



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

8.50

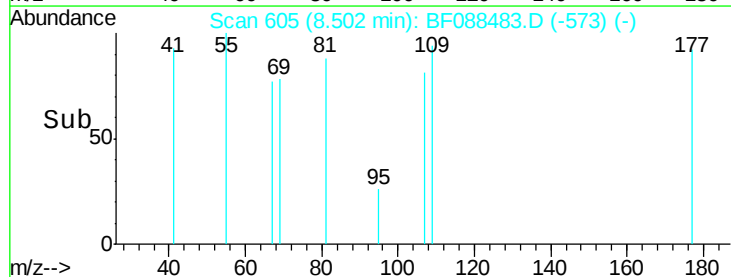
300

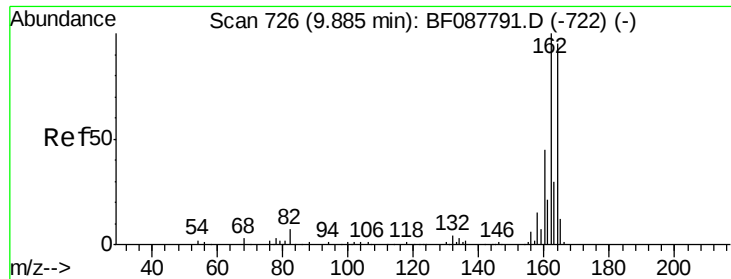
200

100

0

Time--> 8.46 8.48 8.50 8.52 8.54





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

Instrument :

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ClientSampleId :

4A

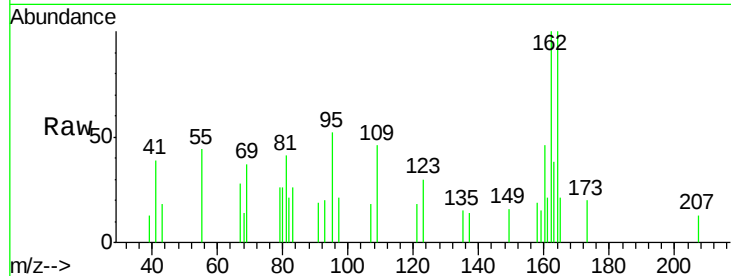
Tgt Ion:164 Resp: 2265

Ion Ratio Lower Upper

164 100

162 99.9 85.4 128.2

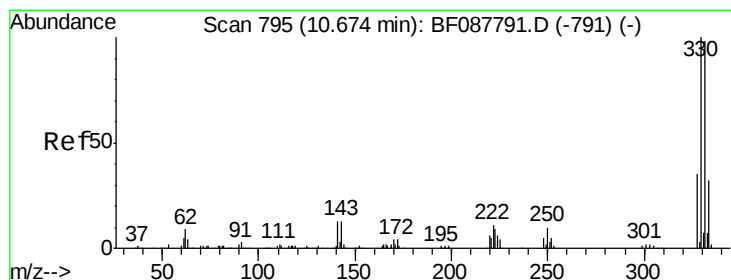
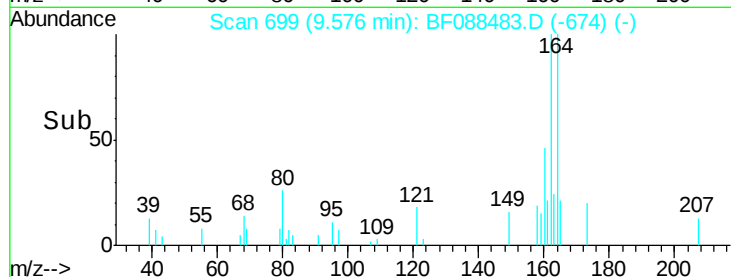
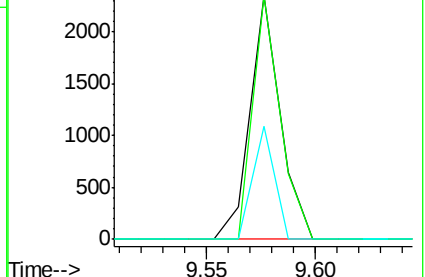
160 46.2 39.5 59.3



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: 12.92 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

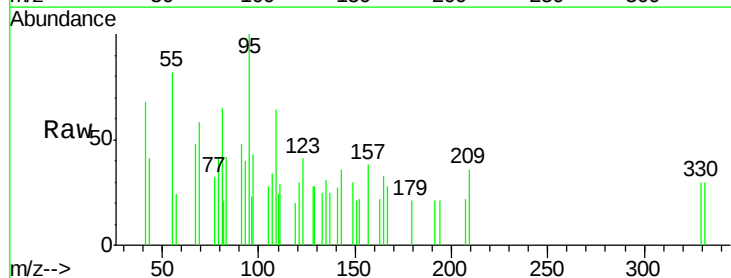
Tgt Ion:330 Resp: 309

Ion Ratio Lower Upper

330 100

332 166.0 0.0 0.0#

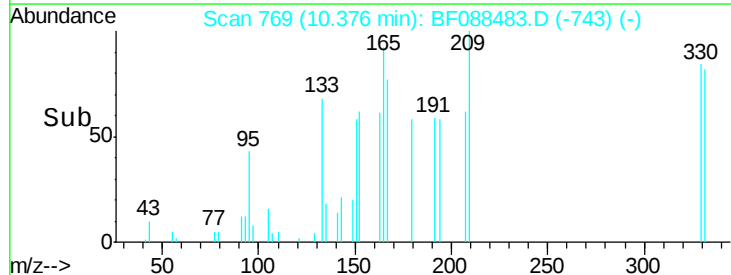
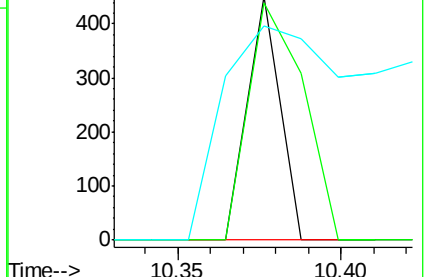
141 523.9 0.0 0.0#



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

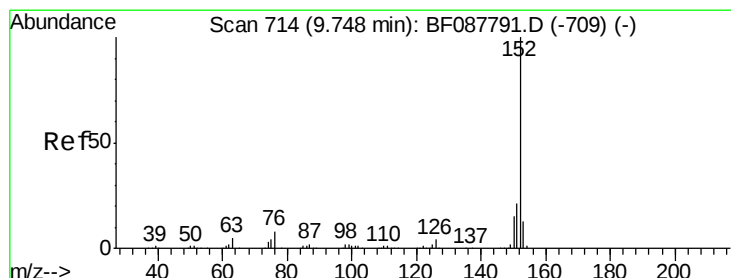
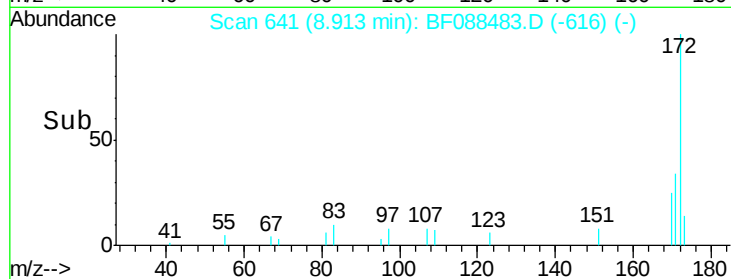
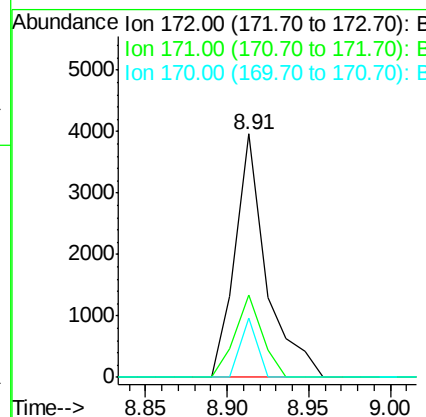
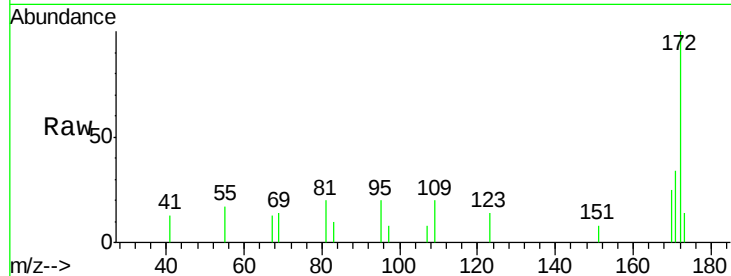




#44
 2-Fluorobiphenyl
 Concen: 32.96 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF088483.D
 Acq: 28 Jun 2016 8:00

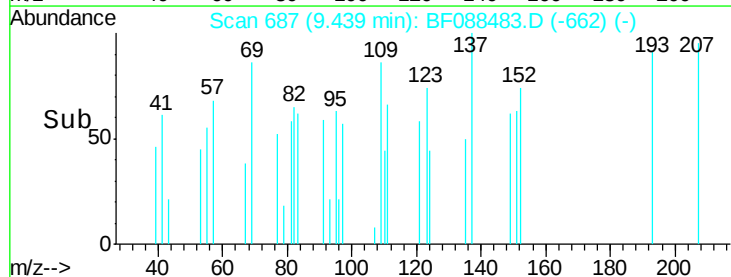
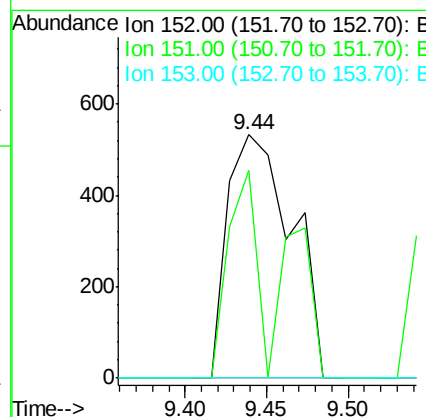
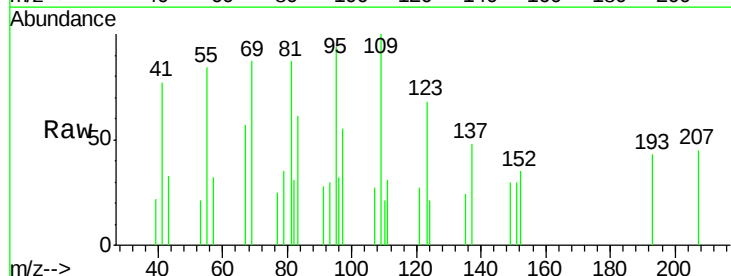
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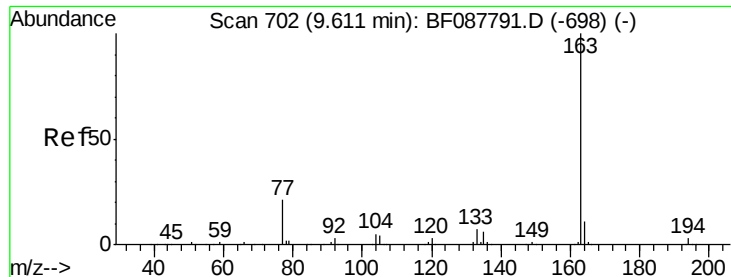
Tgt Ion:172 Resp: 5241
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.6 43.0
 170 24.5 19.2 28.8



#48
 Acenaphthylene
 Concen: 6.23 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF088483.D
 Acq: 28 Jun 2016 8:00

Tgt Ion:152 Resp: 1452
 Ion Ratio Lower Upper
 152 100
 151 85.4 16.2 24.4#
 153 0.0 11.0 16.6#





#49

Dimethylphthalate

Concen: 12.26 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

Instrument :

BNA_F

ClientSampleId :

4A

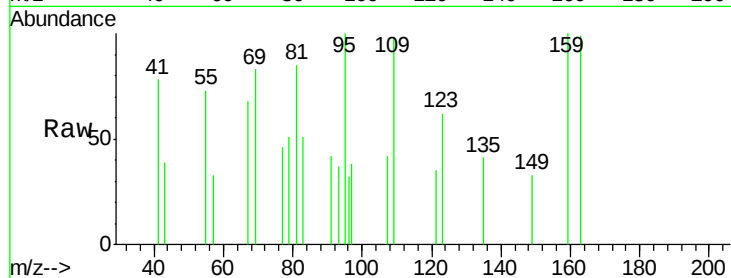
Tgt Ion:163 Resp: 2011

Ion Ratio Lower Upper

163 100

194 0.0 2.8 4.2#

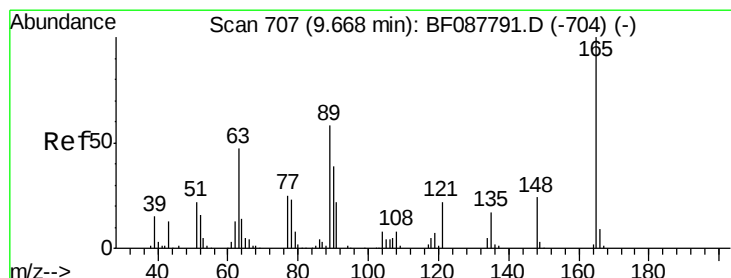
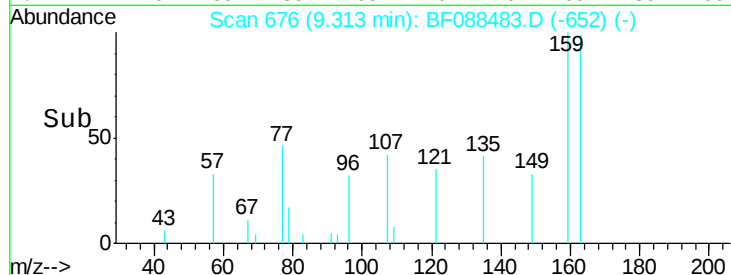
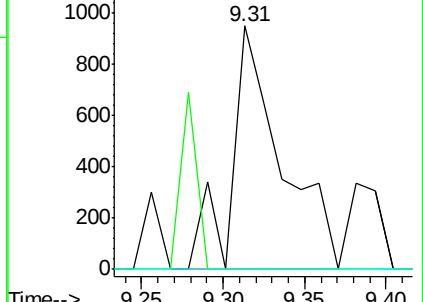
164 0.0 8.3 12.5#



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: 7.19 ng

RT: 9.43 min Scan# 686

Delta R.T. 0.03 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

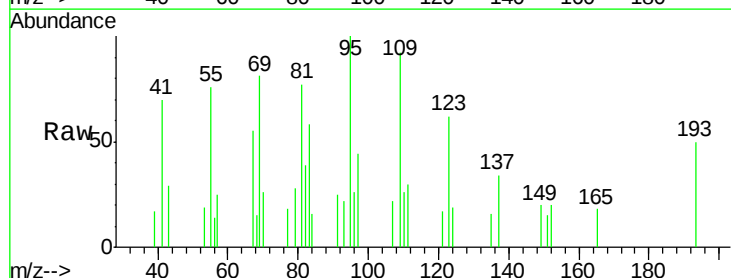
Tgt Ion:165 Resp: 270

Ion Ratio Lower Upper

165 100

63 0.0 28.1 42.1#

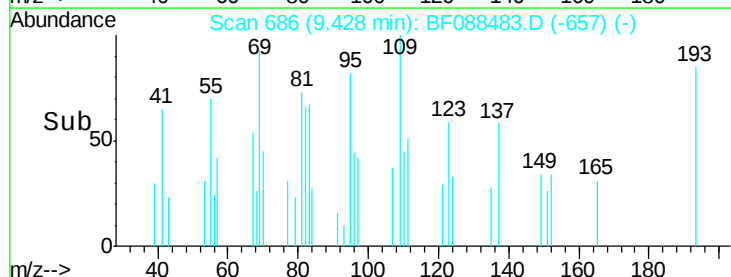
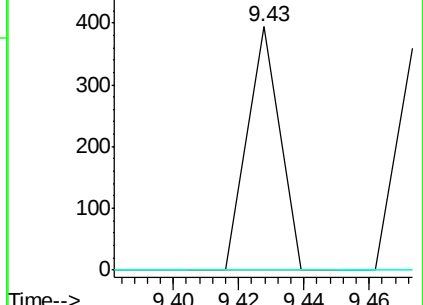
89 0.0 32.2 48.2#

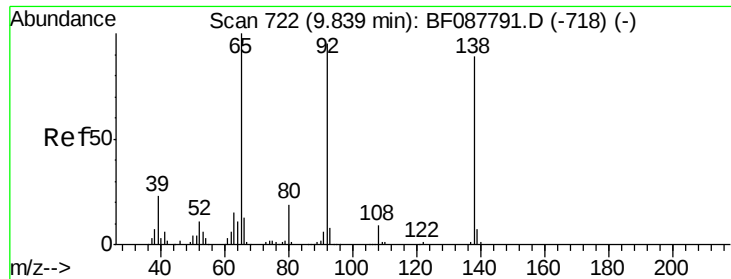


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

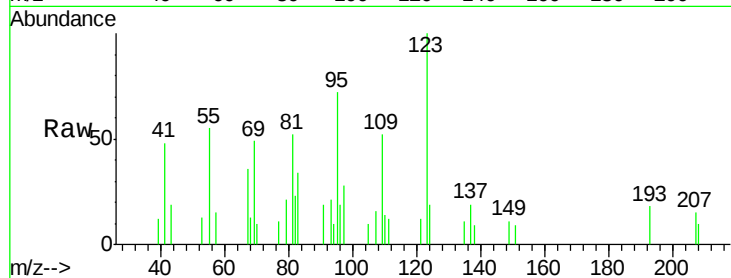




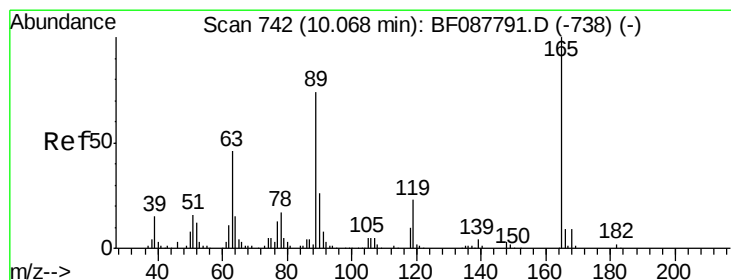
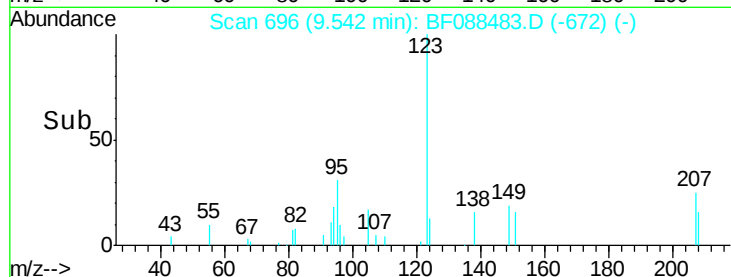
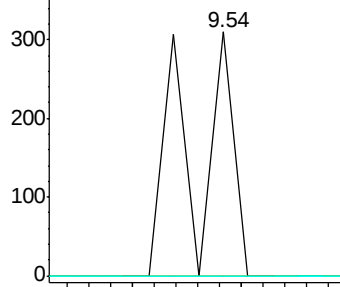
#52
 3-Nitroaniline
 Concen: 9.76 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.02 min
 Lab File: BF088483.D
 Acq: 28 Jun 2016 8:00

Instrument :
 BNA_F
 ClientSampleId :
 4A

Tgt Ion:138 Resp: 423
 Ion Ratio Lower Upper
 138 100
 108 0.0 8.5 12.7#
 92 0.0 95.7 143.5#

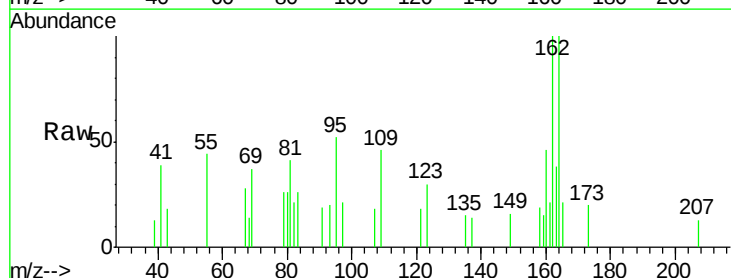


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

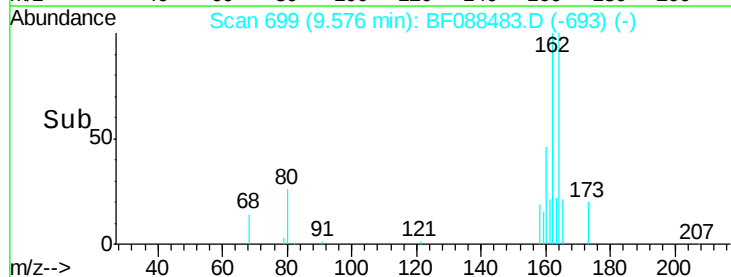
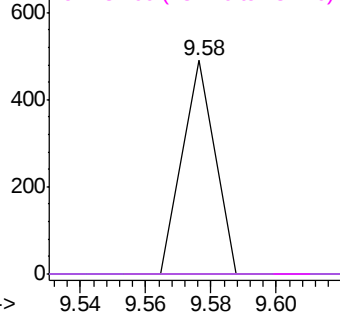


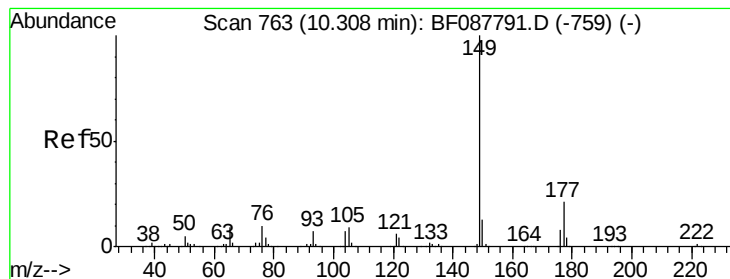
#56
 2,4-Dinitrotoluene
 Concen: 6.96 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.23 min
 Lab File: BF088483.D
 Acq: 28 Jun 2016 8:00

Tgt Ion:165 Resp: 336
 Ion Ratio Lower Upper
 165 100
 63 0.0 22.0 33.0#
 89 0.0 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





#59

Diethylphthalate

Concen: 6.75 ng

RT: 10.01 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

Instrument :

BNA_F

ClientSampleId :

4A

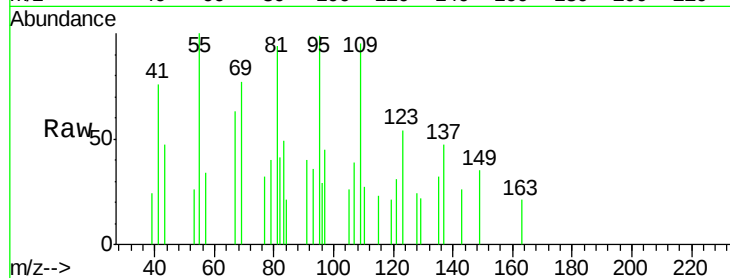
Tgt Ion:149 Resp: 1121

Ion Ratio Lower Upper

149 100

177 0.0 16.9 25.3#

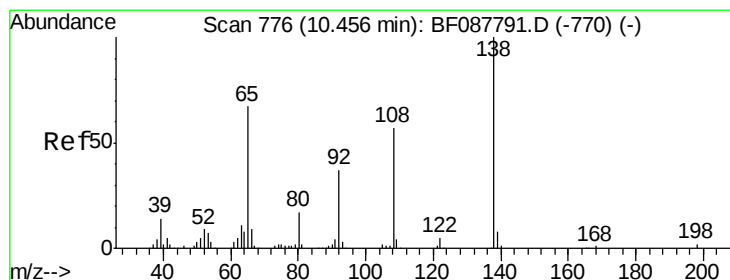
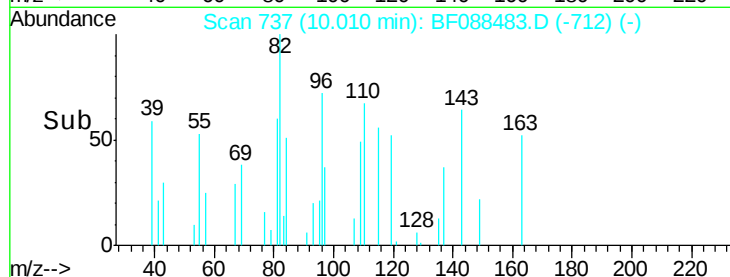
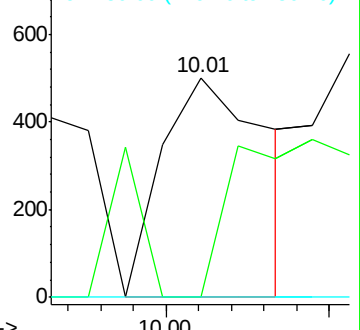
150 0.0 10.1 15.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Nitroaniline

Concen: 8.66 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.17 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

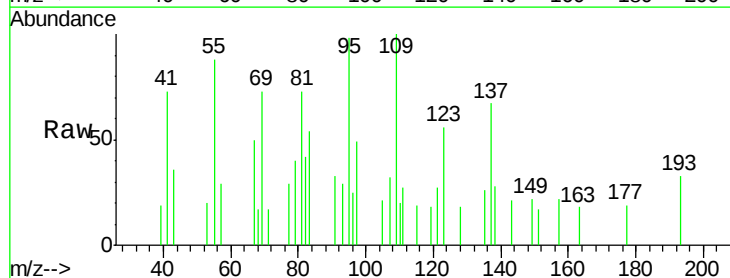
Tgt Ion:138 Resp: 356

Ion Ratio Lower Upper

138 100

92 0.0 27.3 67.3#

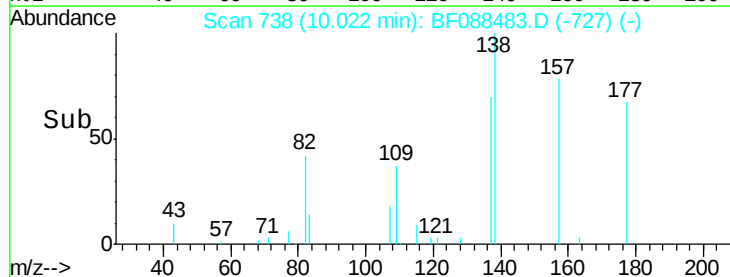
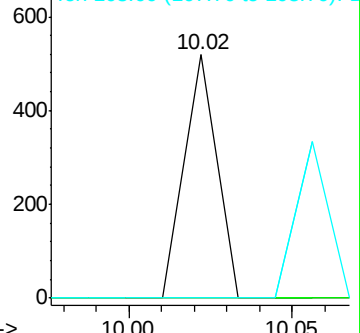
108 0.0 46.7 86.7#

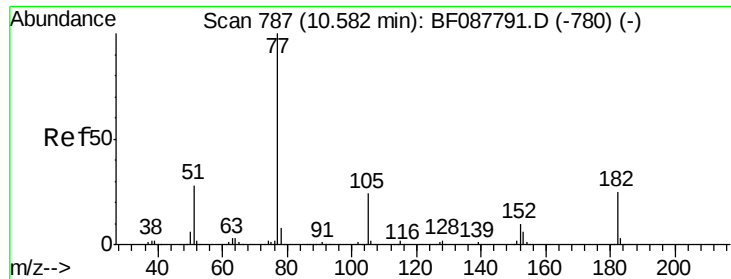


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

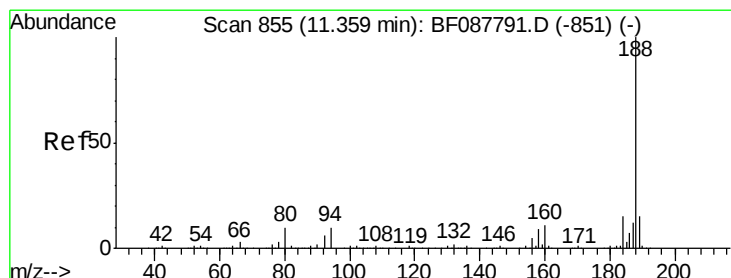
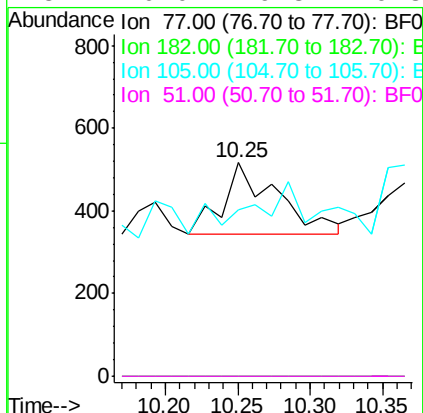
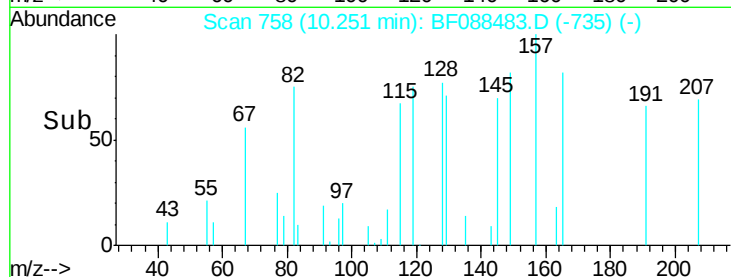
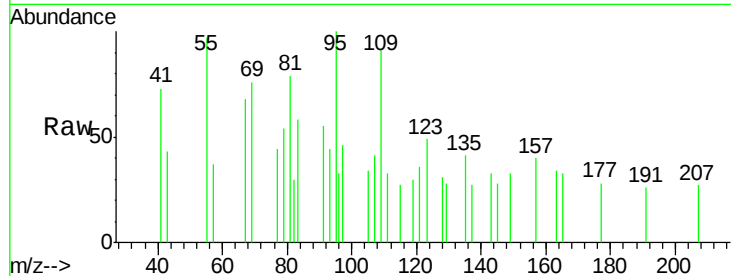




#62
Azobenzene
Concen: 2.78 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF088483.D
Acq: 28 Jun 2016 8:00

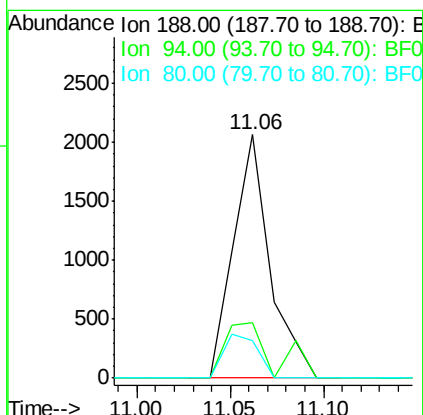
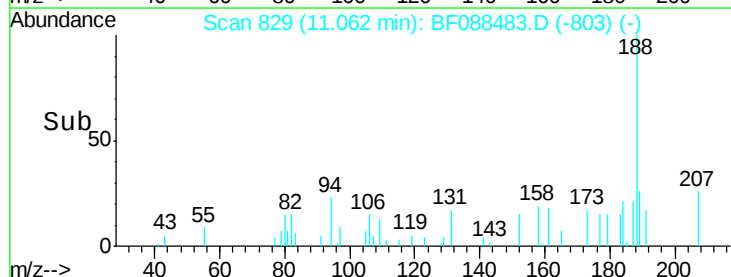
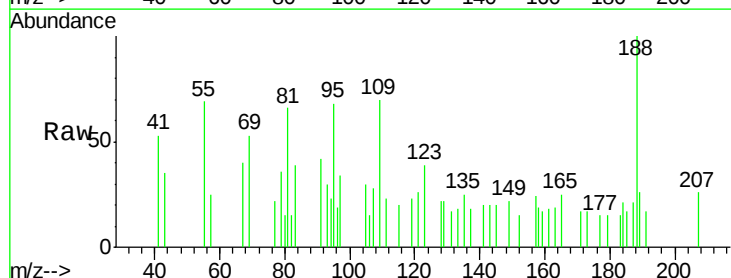
Instrument :
BNA_F
ClientSampleId :
4A

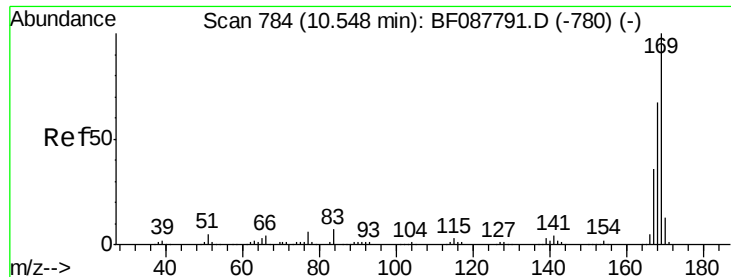
Tgt Ion:	77	Resp:	457
Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.4	44.4#
105	77.9	3.8	43.8#
51	0.0	9.3	49.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF088483.D
Acq: 28 Jun 2016 8:00

Tgt Ion:	188	Resp:	2804
Ion	Ratio	Lower	Upper
188	100		
94	22.7	9.0	13.6#
80	15.4	10.0	15.0#





#65

n-Nitrosodiphenylamine

Concen: 2.62 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.11 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

Instrument :

BNA_F

ClientSampleId :

4A

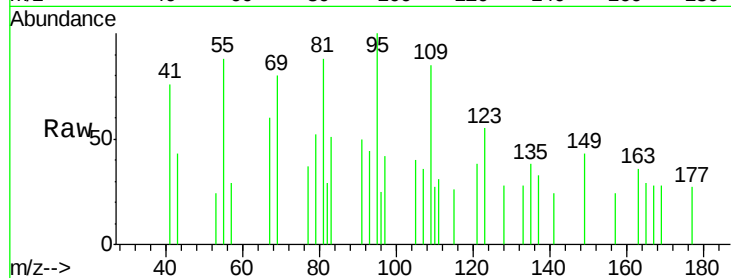
Tgt Ion:169 Resp: 244

Ion Ratio Lower Upper

169 100

168 0.0 53.4 80.0#

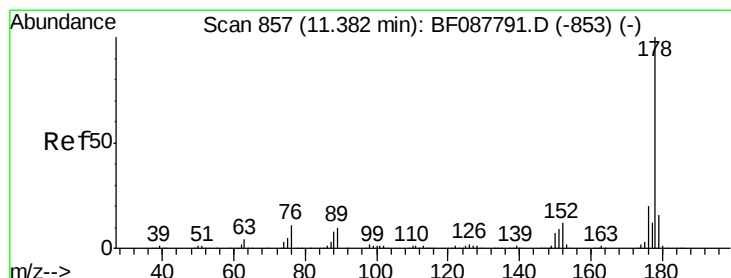
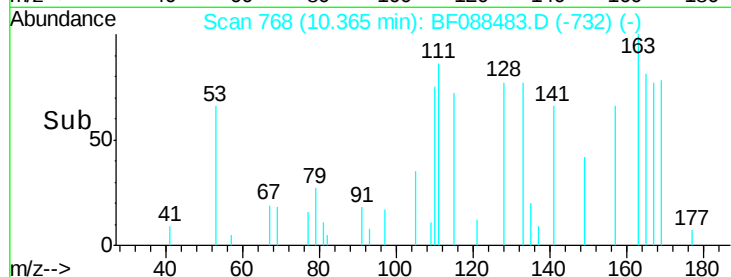
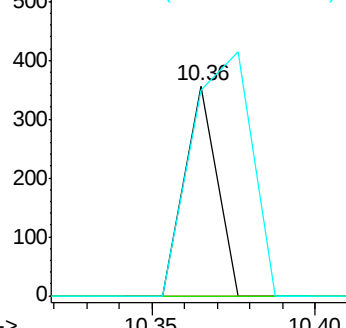
167 98.3 29.4 44.0#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 3.55 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

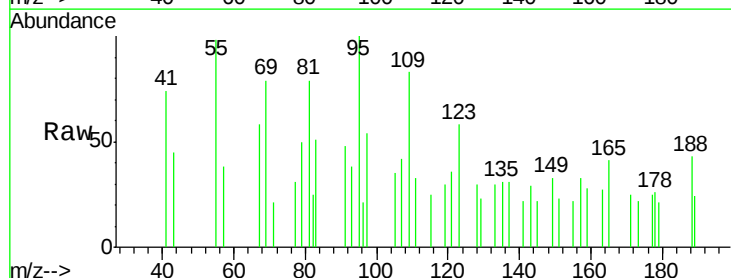
Tgt Ion:178 Resp: 523

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

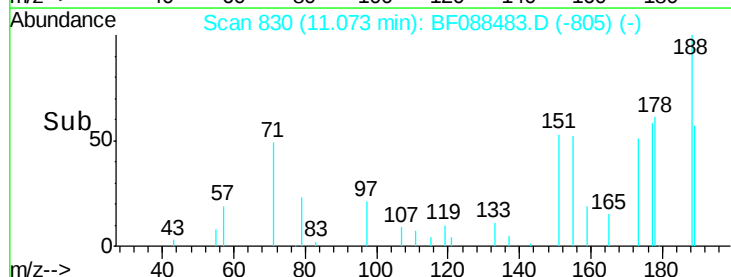
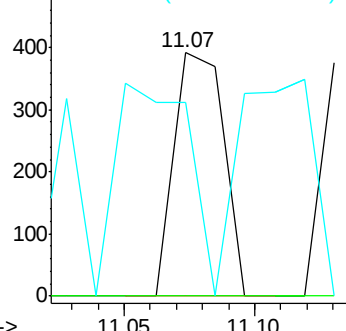
179 79.3 13.0 19.4#

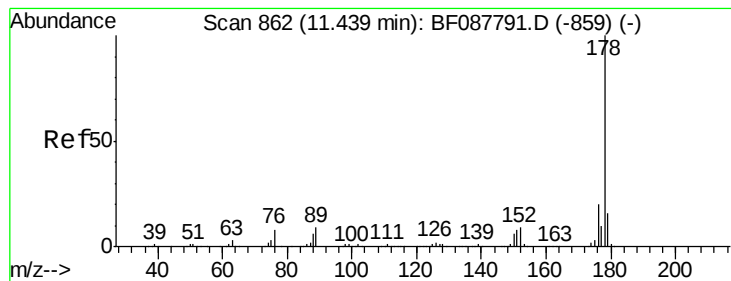


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 8.46 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

Instrument :

BNA_F

ClientSampled :

4A

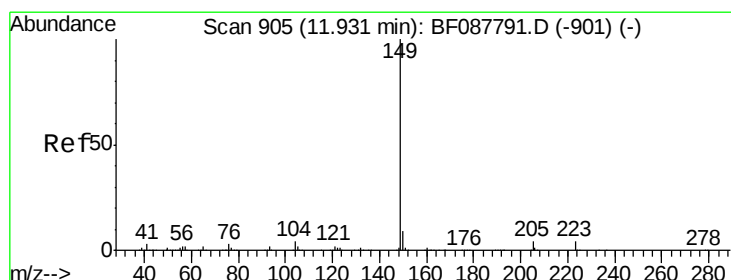
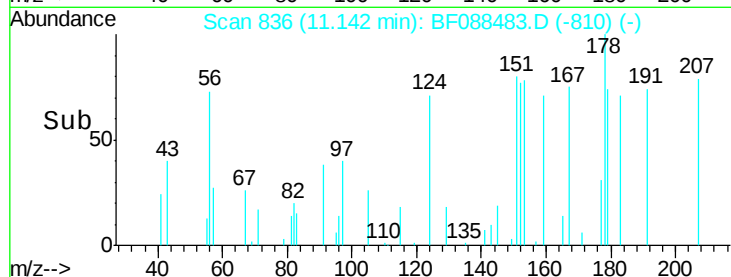
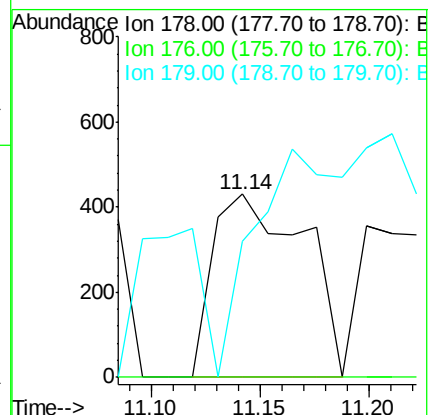
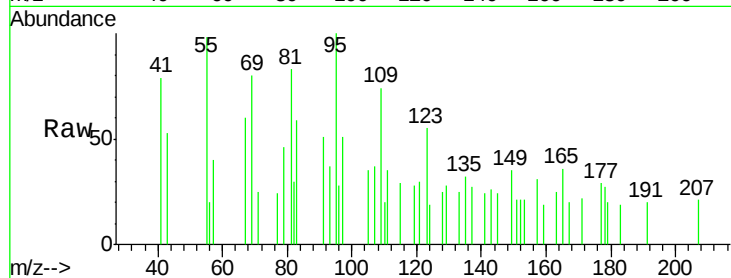
Tgt Ion:178 Resp: 1256

Ion Ratio Lower Upper

178 100

176 0.0 15.6 23.4#

179 74.5 12.8 19.2#



#73

Di-n-butylphthalate

Concen: 3.05 ng

RT: 11.58 min Scan# 874

Delta R.T. -0.06 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

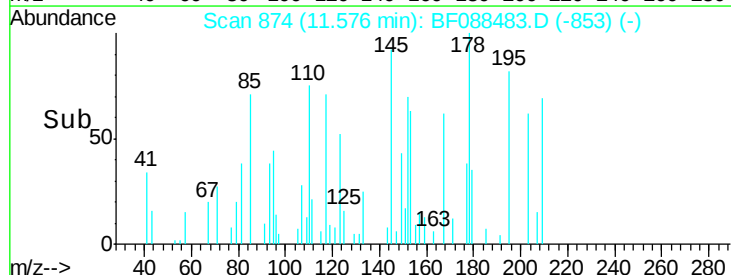
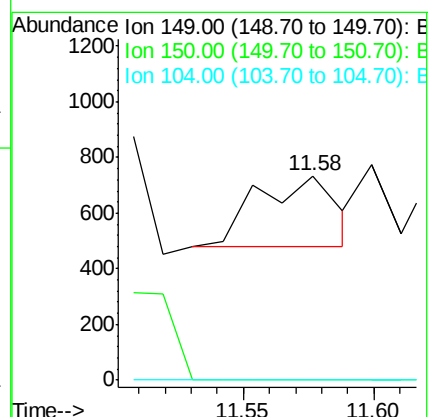
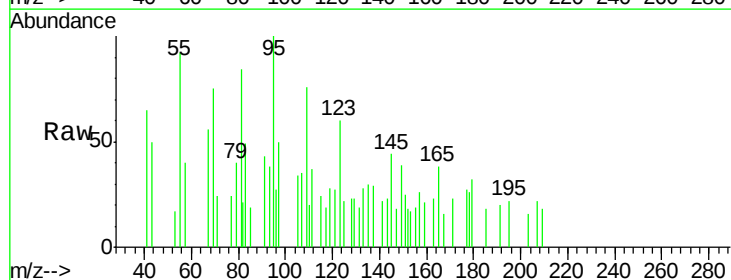
Tgt Ion:149 Resp: 537

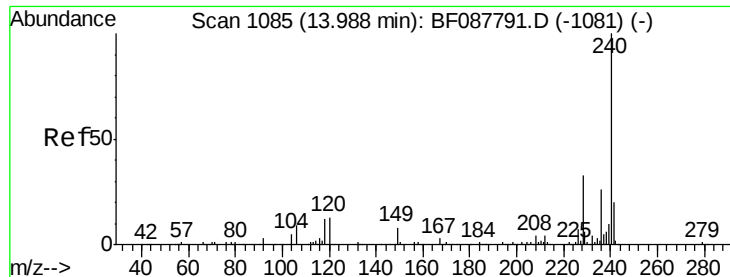
Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

104 0.0 4.0 6.0#

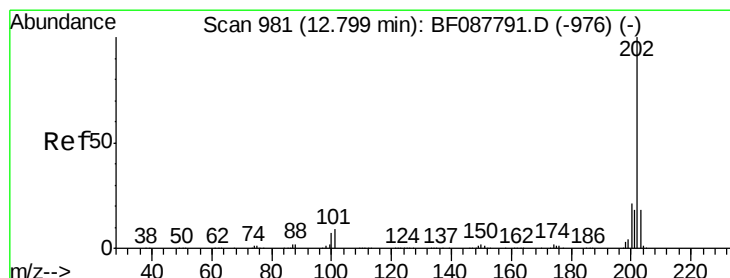
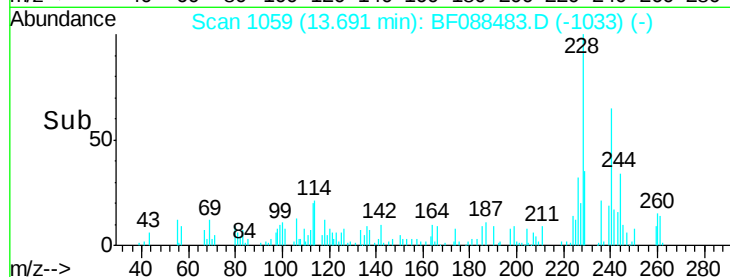
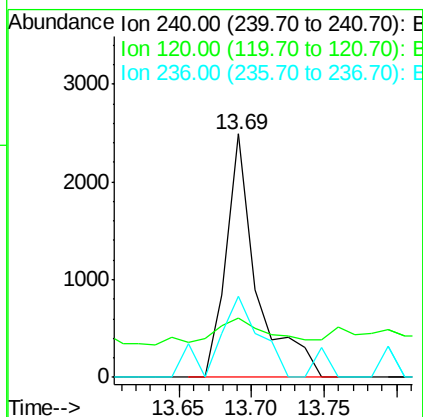
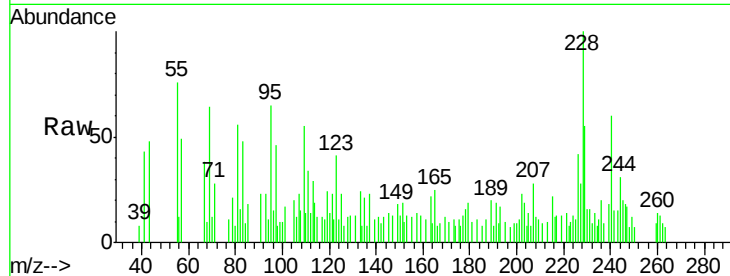




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF088483.D
 Acq: 28 Jun 2016 8:00

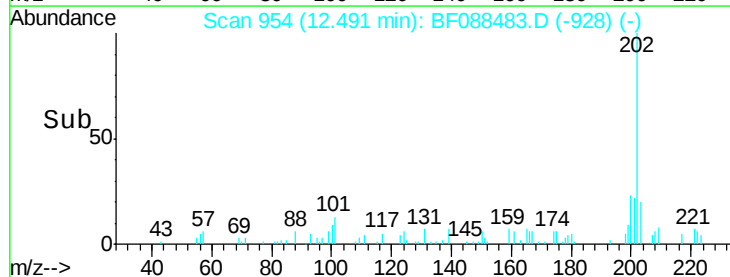
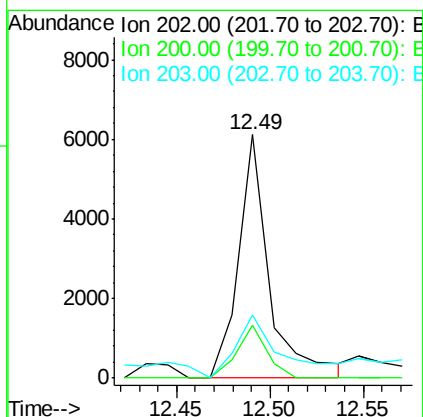
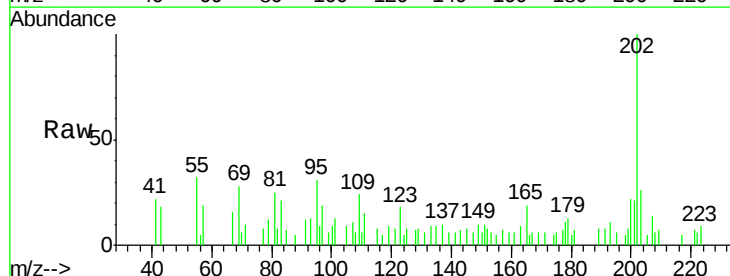
Instrument :
 BNA_F
 ClientSampleId :
 4A

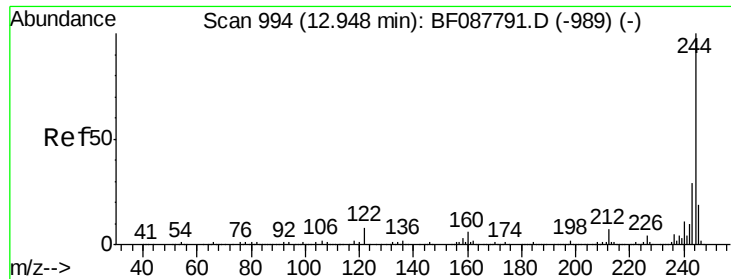
Tgt Ion: 240 Resp: 3651
 Ion Ratio Lower Upper
 240 100
 120 24.1 6.8 10.2#
 236 33.2 20.2 30.2#



#77
 Pyrene
 Concen: 26.21 ng
 RT: 12.49 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF088483.D
 Acq: 28 Jun 2016 8:00

Tgt Ion: 202 Resp: 7102
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.4 26.2
 203 25.8 14.5 21.7#

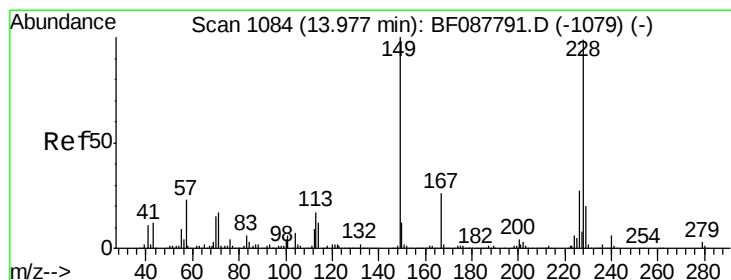
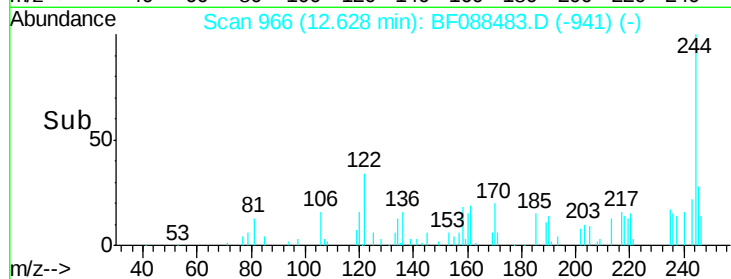
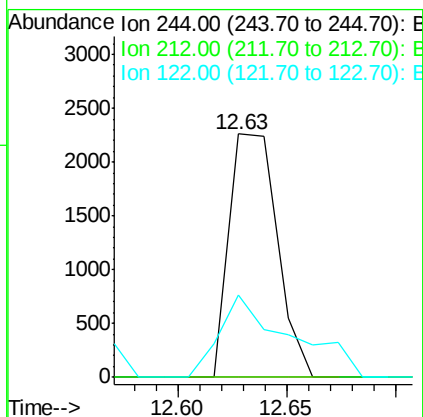
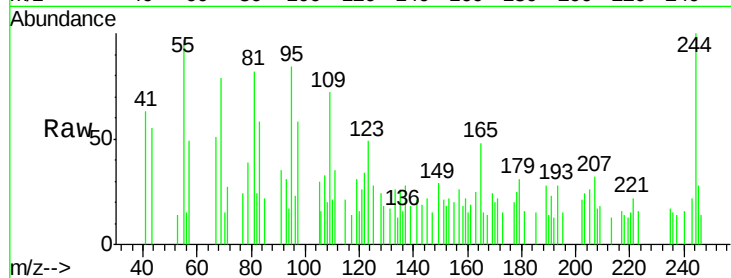




#78
 Terphenyl-d14
 Concen: 21.57 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF088483.D
 Acq: 28 Jun 2016 8:00

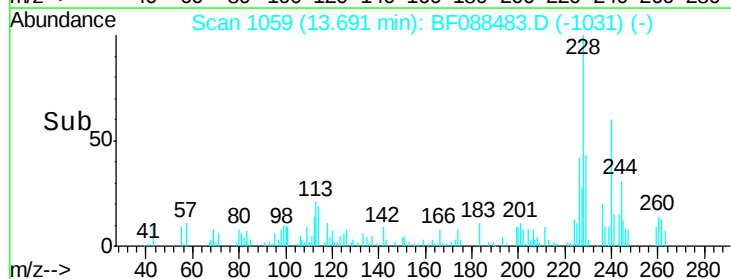
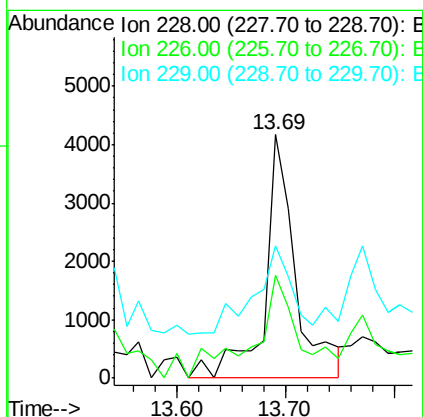
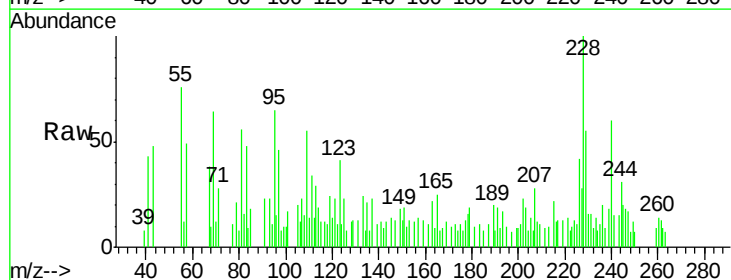
Instrument :
 BNA_F
 ClientSampleId :
 4A

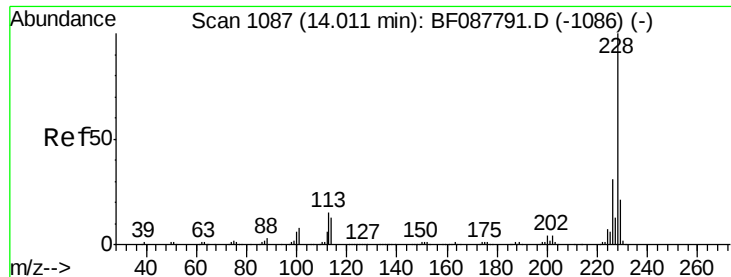
Tgt Ion:244 Resp: 3461
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.0 9.0#
 122 34.0 11.2 16.8#



#80
 Benzo(a)anthracene
 Concen: 39.26 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.02 min
 Lab File: BF088483.D
 Acq: 28 Jun 2016 8:00

Tgt Ion:228 Resp: 8169
 Ion Ratio Lower Upper
 228 100
 226 42.1 22.3 33.5#
 229 54.5 16.0 24.0#





#82

Chrysene

Concen: 41.73 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

Instrument :

BNA_F

ClientSampled :

4A

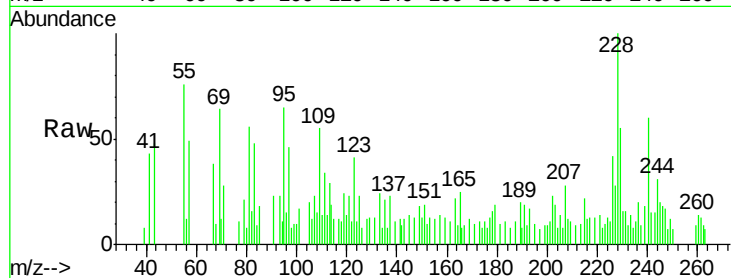
Tgt Ion: 228 Resp: 8169

Ion Ratio Lower Upper

228 100

226 42.1 25.4 38.2#

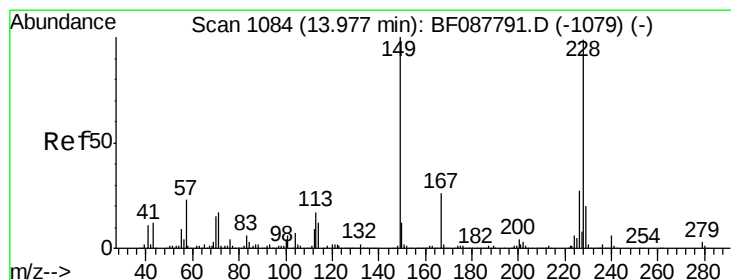
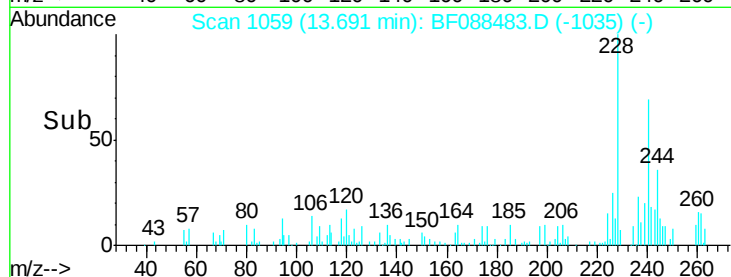
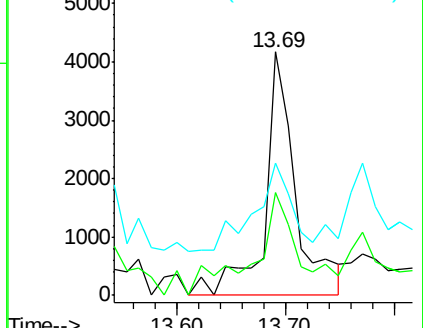
229 54.5 16.3 24.5#



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: 2.76 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

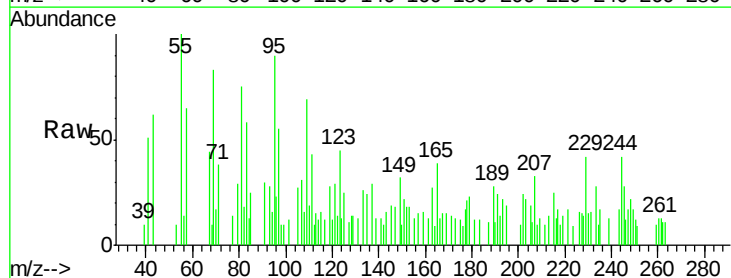
Tgt Ion: 149 Resp: 402

Ion Ratio Lower Upper

149 100

167 44.9 20.5 30.7#

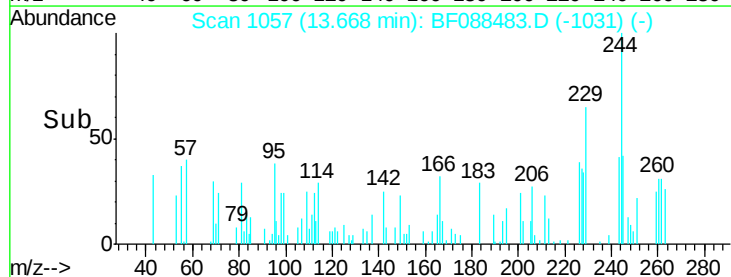
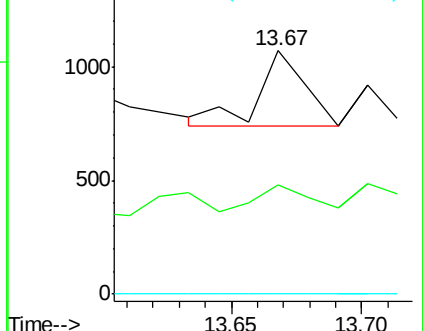
279 0.0 2.0 3.0#

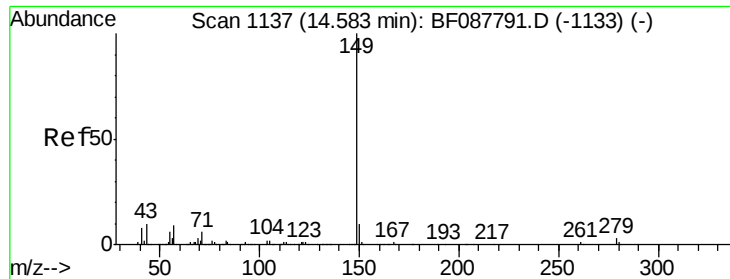


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

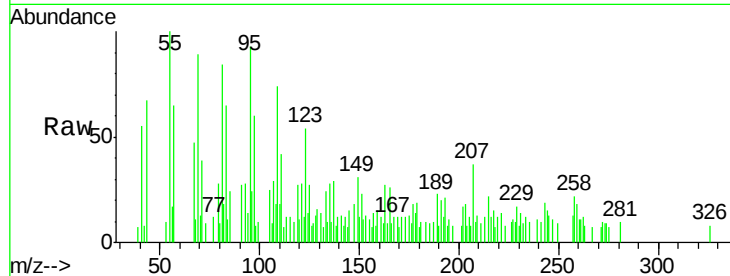




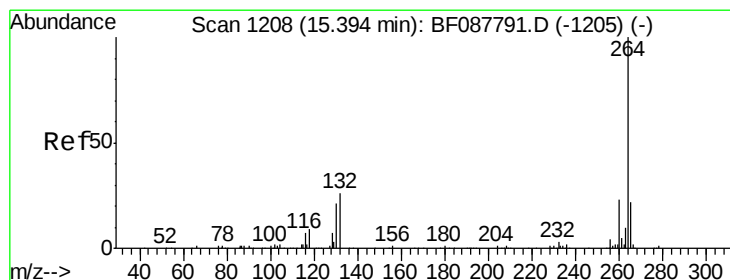
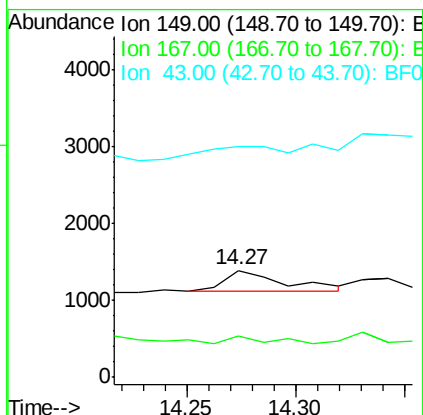
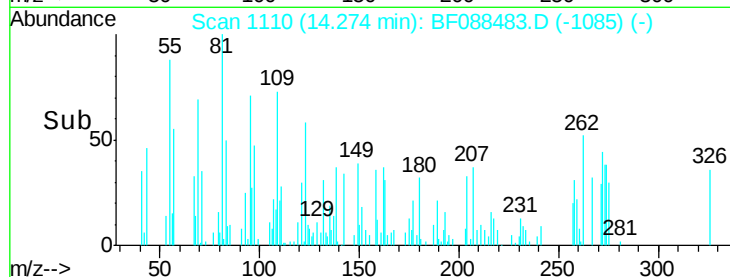
#84
Di-n-octyl phthalate
Concen: 2.31 ng
RT: 14.27 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BF088483.D
Acq: 28 Jun 2016 8:00

Instrument :
BNA_F
ClientSampleId :
4A

Tgt Ion:149 Resp: 548
Ion Ratio Lower Upper
149 100
167 22.1 0.0 0.0#
43 227.7 0.0 0.0#

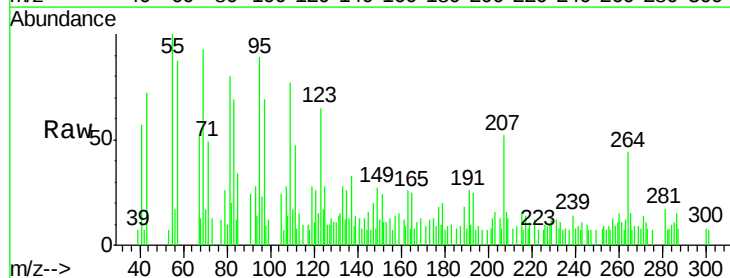


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

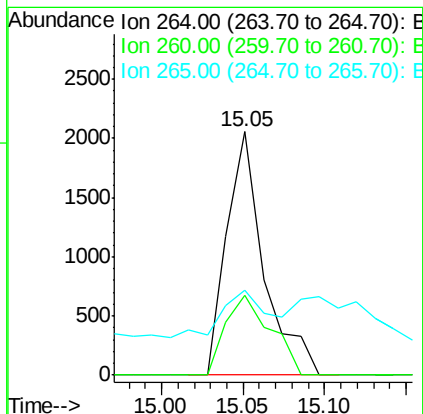
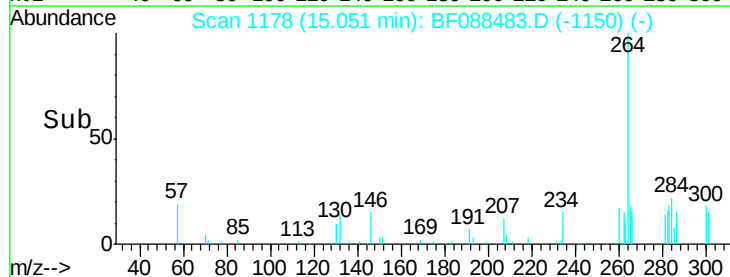


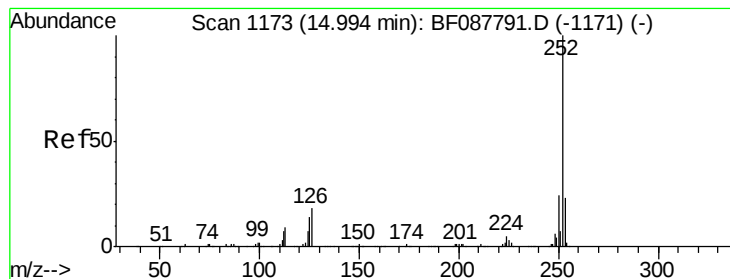
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF088483.D
Acq: 28 Jun 2016 8:00

Tgt Ion:264 Resp: 3228
Ion Ratio Lower Upper
264 100
260 32.9 19.2 28.8#
265 34.7 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: 14.21 ng

RT: 14.69 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

Instrument :

BNA_F

ClientSampleId :

4A

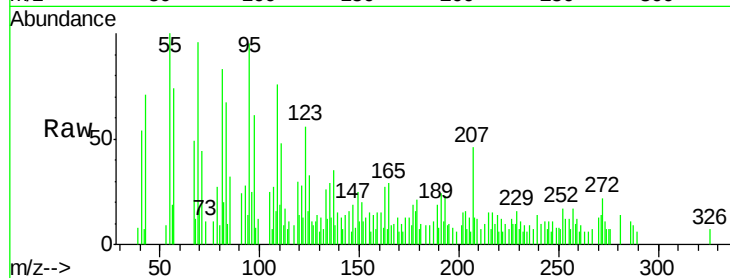
Tgt Ion:252 Resp: 3197

Ion Ratio Lower Upper

252 100

253 69.2 17.4 26.2#

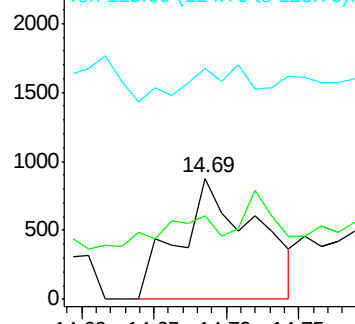
125 191.0 7.1 10.7#



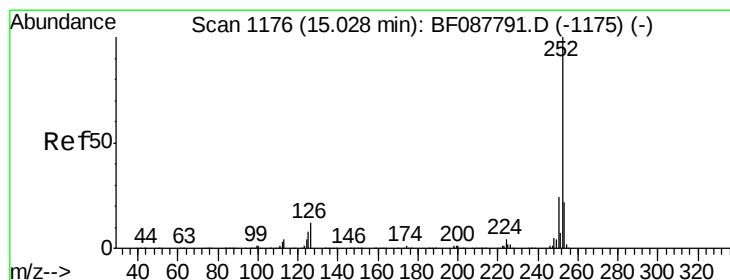
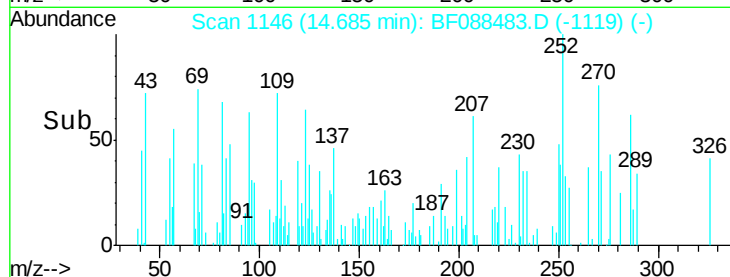
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 14.60 14.65 14.70 14.75



#88

Benzo(k)fluoranthene

Concen: 18.84 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

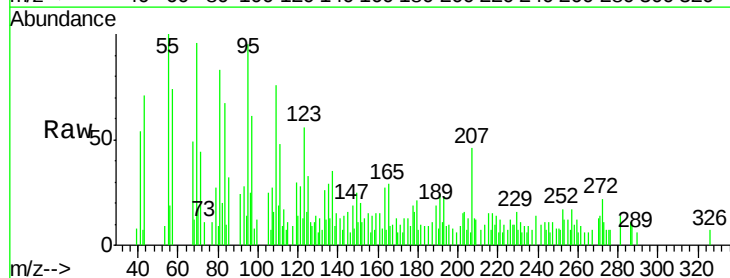
Tgt Ion:252 Resp: 3197

Ion Ratio Lower Upper

252 100

253 69.2 18.0 27.0#

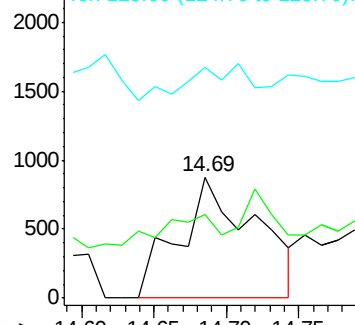
125 191.0 11.2 16.8#



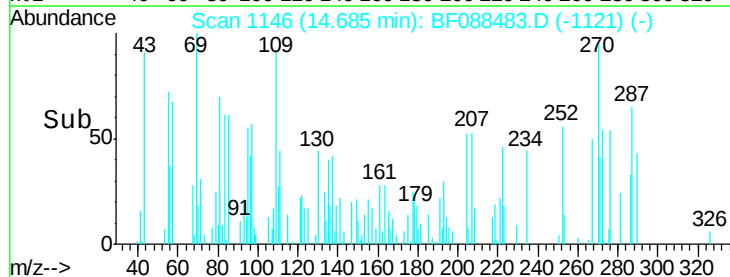
Abundance Ion 252.00 (251.70 to 252.70): E

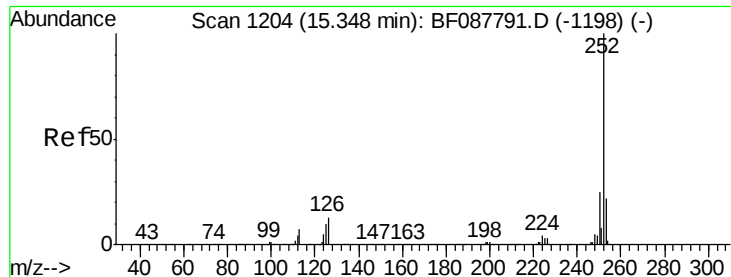
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 14.60 14.65 14.70 14.75





#89

Benzo(a)pyrene

Concen: 9.67 ng

RT: 15.01 min Scan# 1174

Delta R.T. 0.02 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

Instrument :

BNA_F

ClientSampled :

4A

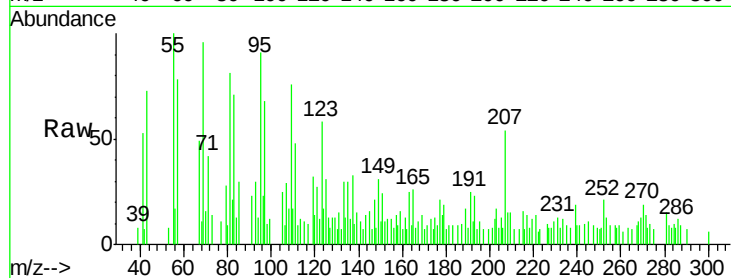
Tgt Ion: 252 Resp: 1761

Ion Ratio Lower Upper

252 100

253 62.5 17.9 26.9#

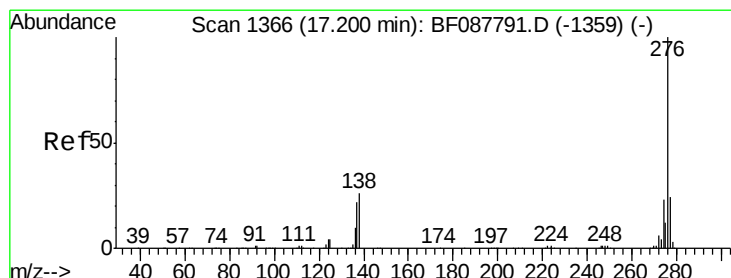
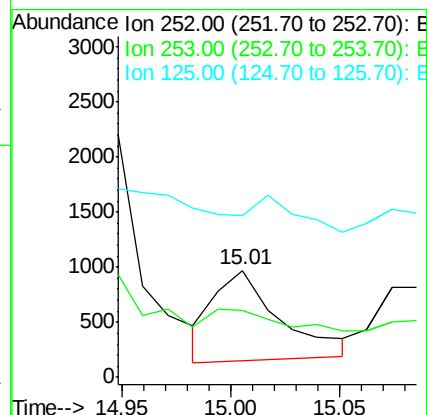
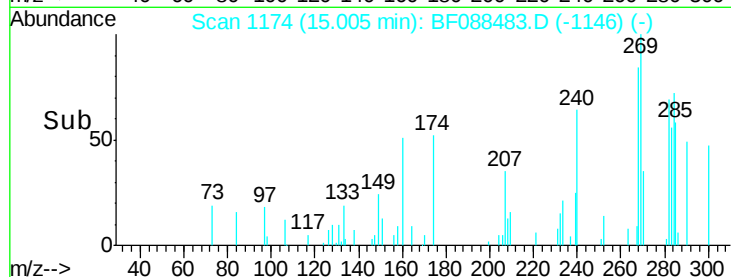
125 151.5 12.5 18.7#



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



#91

Benzo(g,h,i)perylene

Concen: 4.42 ng

RT: 16.69 min Scan# 1321

Delta R.T. 0.06 min

Lab File: BF088483.D

Acq: 28 Jun 2016 8:00

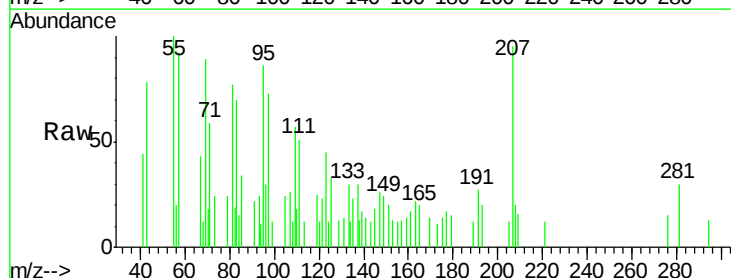
Tgt Ion: 276 Resp: 768

Ion Ratio Lower Upper

276 100

277 0.0 18.9 28.3#

138 90.6 21.4 32.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

