

Data Path : Z:\HPCHEM1\BNA F\Data\BF071615\
 Data File : BF080516.D
 Acq On : 16 Jul 2015 18:18
 Operator : TP/UM
 Sample : G2982-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DGA-SITE-04RE

Quant Time: Jul 17 05:22:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 17:11:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	23014	20.00	ng	0.00
21) Naphthalene-d8	8.36	136	98884	20.00	ng	0.00
38) Acenaphthene-d10	10.12	164	44138	20.00	ng	0.00
63) Phenanthrene-d10	11.61	188	84277	20.00	ng	0.00
75) Chrysene-d12	14.44	240	64101	20.00	ng	0.01
86) Perylene-d12	16.16	264	62455	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	144507	107.04	ng	0.00
7) Phenol-d6	6.72	99	202088	110.24	ng	0.00
23) Nitrobenzene-d5	7.64	82	117507	69.75	ng	0.00
41) 2,4,6-Tribromophenol	10.91	330	35547	103.51	ng	0.00
44) 2-Fluorobiphenyl	9.44	172	234307	72.24	ng	0.00
78) Terphenyl-d14	13.23	244	199231	64.44	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.53	88	232	0.35	ng	# 11
6) Aniline	6.85	93	212	0.09	ng	# 1
9) Benzaldehyde	6.72	77	249	0.20	ng	# 1
10) Phenol	6.73	94	1262	0.64	ng	# 1
11) bis(2-Chloroethyl)ether	6.85	93	212	0.15	ng	# 1
15) Benzyl Alcohol	7.23	79	2153	1.68	ng	# 29
19) n-Nitroso-di-n-propylamine	7.64	70	14664	13.18	ng	# 64
24) Nitrobenzene	7.64	77	243	0.14	ng	# 20
25) Isophorone	7.64	82	117503	39.49	ng	# 58
47) 2-Nitroaniline	9.44	65	346	0.50	ng	# 1
49) Dimethylphthalate	9.84	163	25037	8.27	ng	# 97
50) 2,6-Dinitrotoluene	10.12	165	5548	9.37	ng	# 37
54) Dibenzofuran	10.33	168	209	0.05	ng	# 51
56) 2,4-Dinitrotoluene	10.12	165	5548	6.46	ng	# 31
57) Fluorene	10.91	166	2061	0.68	ng	# 93
65) n-Nitrosodiphenylamine	10.91	169	1196	0.42	ng	# 36
66) 4-Bromophenyl-phenylether	10.91	248	2383	2.90	ng	# 1
70) Phenanthrene	11.63	178	439	0.09	ng	# 62
71) Anthracene	11.69	178	276	0.06	ng	# 62
73) Di-n-butylphthalate	12.16	149	413	0.09	ng	# 78
74) Fluoranthene	12.85	202	503	0.11	ng	# 60
76) Benzidine	13.23	184	2780	1.32	ng	# 97
77) Pyrene	13.09	202	351	0.08	ng	# 59
80) Benzo(a)anthracene	14.43	228	250	0.07	ng	# 53
82) Chrysene	14.47	228	267	0.08	ng	# 52
83) Bis(2-ethylhexyl)phthalate	14.40	149	661	0.30	ng	# 50
84) Di-n-octyl phthalate	15.15	149	259	5.88	ng	# 71
85) Indeno(1,2,3-cd)pyrene	17.76	276	570	Below Cal		# 48
87) Benzo(b)fluoranthene	15.69	252	355	0.10	ng	# 54
88) Benzo(k)fluoranthene	15.72	252	553	0.15	ng	# 56
89) Benzo(a)pyrene	16.09	252	278	0.08	ng	# 54
90) Dibenzo(a,h)anthracene	17.77	278	271	0.07	ng	# 46
91) Benzo(a,h,i)perylene	18.24	276	569	0.15	ng	# 40

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 17:11:01 2015
Response via : Initial Calibration

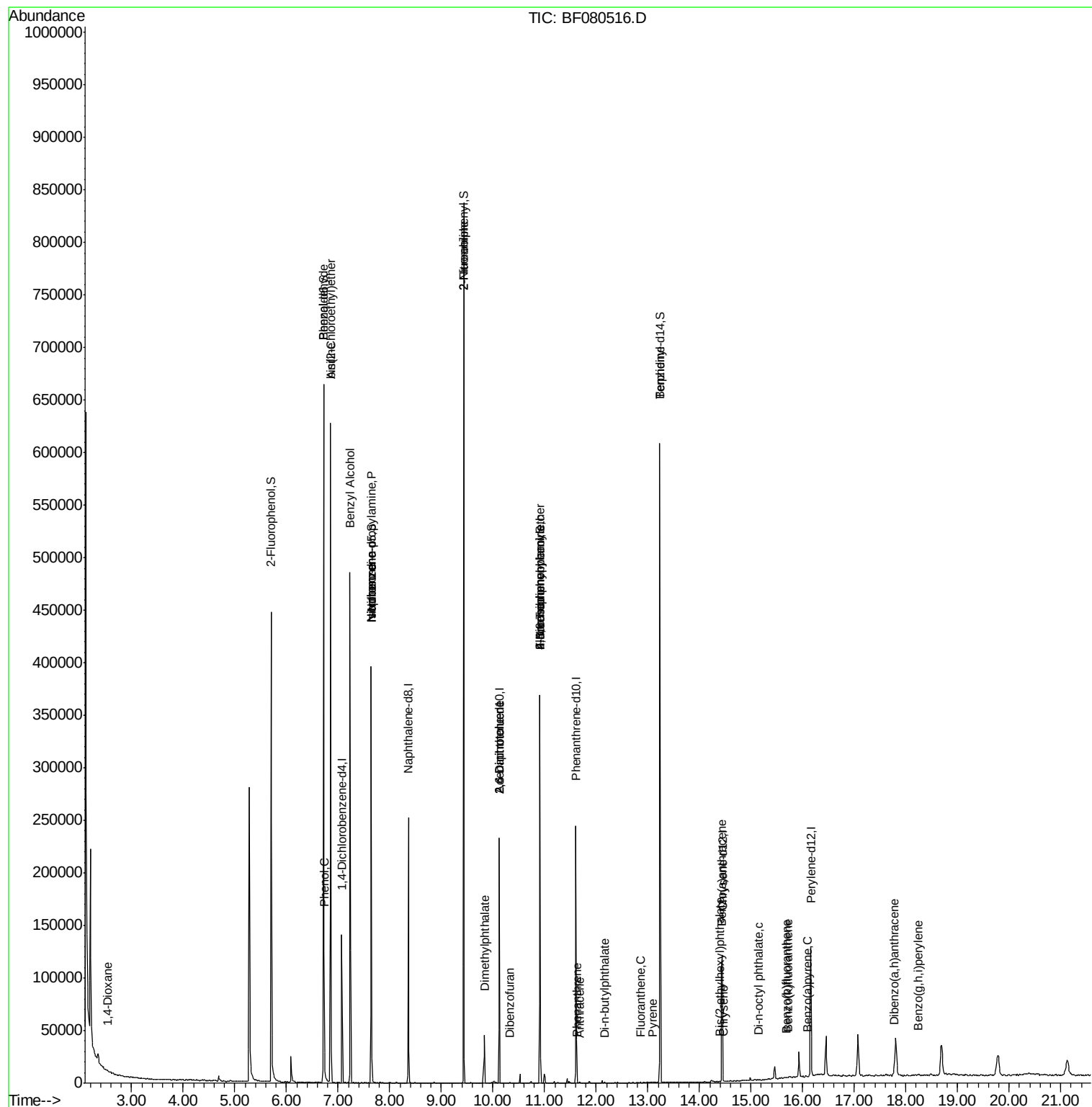
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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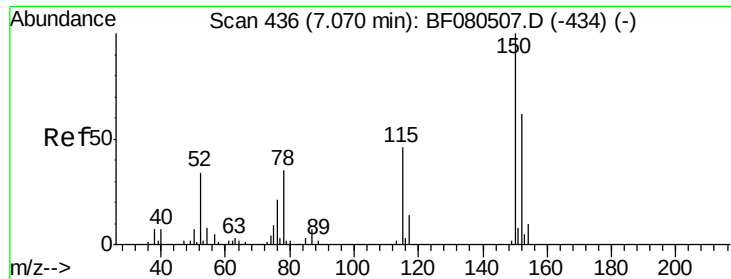
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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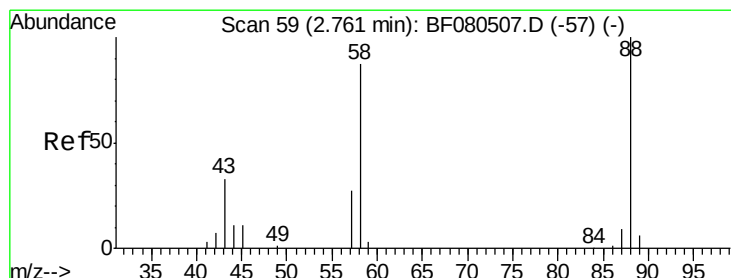
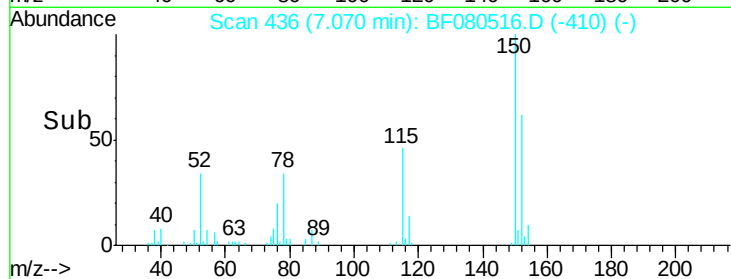
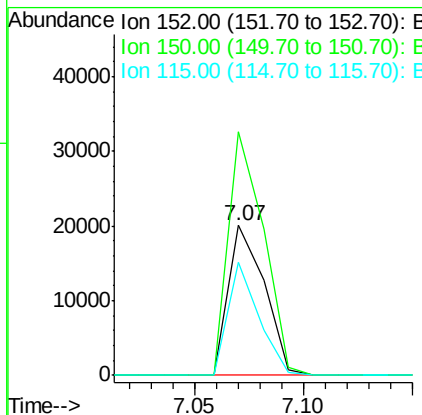
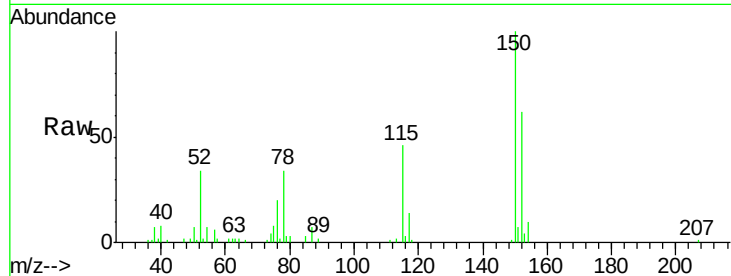


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF080516.D
Acq: 16 Jul 2015 18:18

Instrument :
BNA_F
ClientSampleId :
DGA-SITE-04RE

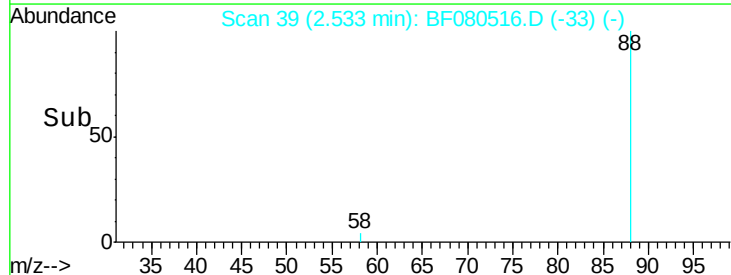
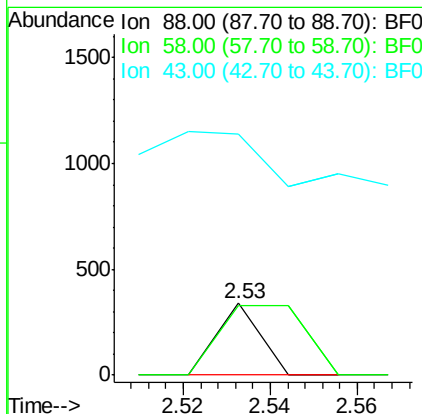
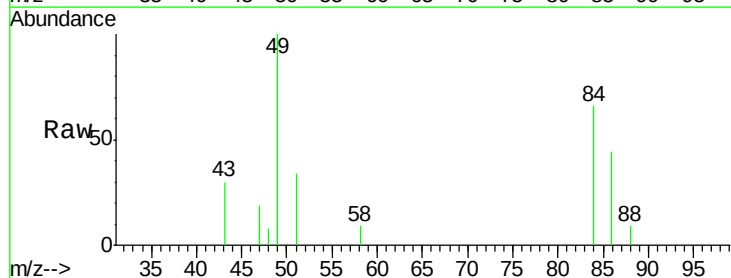
Tot Ion:152 Resp: 23014
Ion Ratio Lower Upper
152 100
150 162.2 124.7 187.1
115 75.0 39.0 58.4#

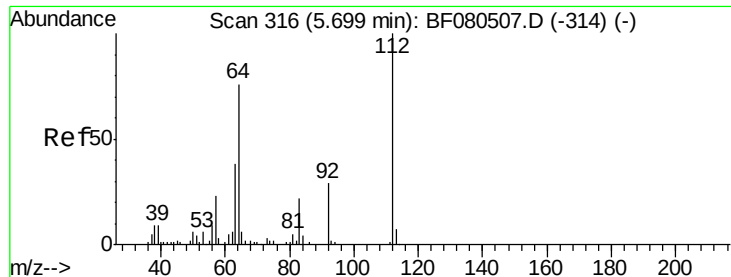


#2

1,4-Dioxane
Concen: 0.35 ng
RT: 2.53 min Scan# 39
Delta R.T. -0.23 min
Lab File: BF080516.D
Acq: 16 Jul 2015 18:18

Tgt Ion: 88 Resp: 232
Ion Ratio Lower Upper
88 100
58 194.4 77.7 116.5#
43 0.0 26.6 40.0#





#5

2-Fluorophenol

Concen: 107.04 ng

RT: 5.70 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

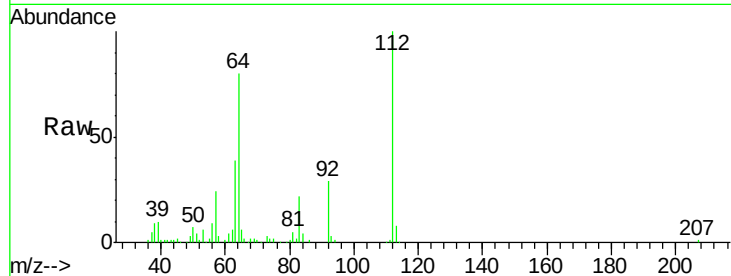
Tot Ion:112 Resp: 144507

Ion Ratio Lower Upper

112 100

64 79.5 39.7 59.5#

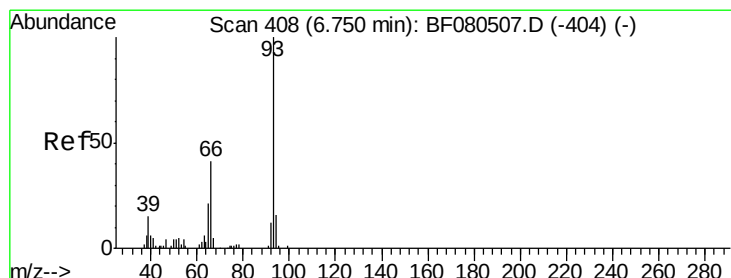
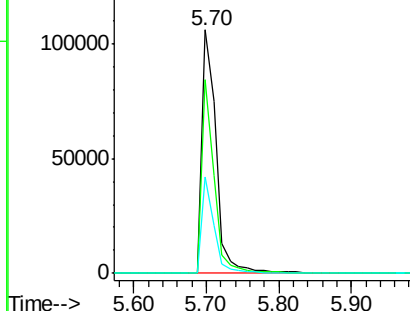
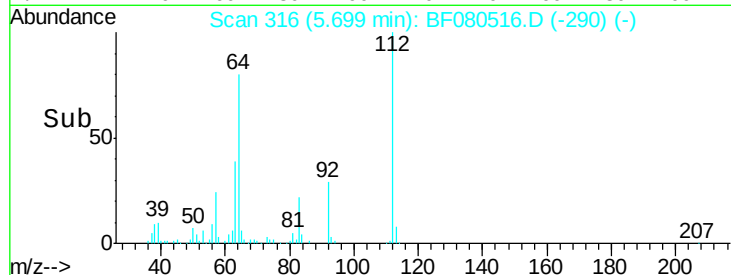
63 39.4 17.4 26.0#



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



#6

Aniline

Concen: 0.09 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.10 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

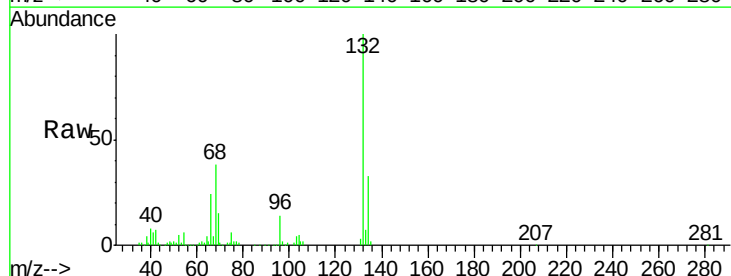
Tgt Ion: 93 Resp: 212

Ion Ratio Lower Upper

93 100

66 14573.5 27.2 40.8#

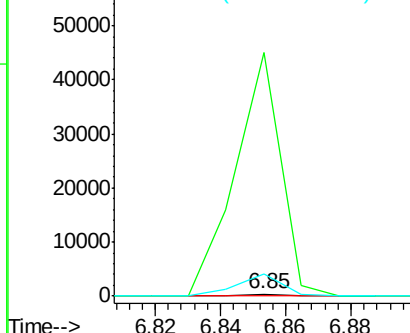
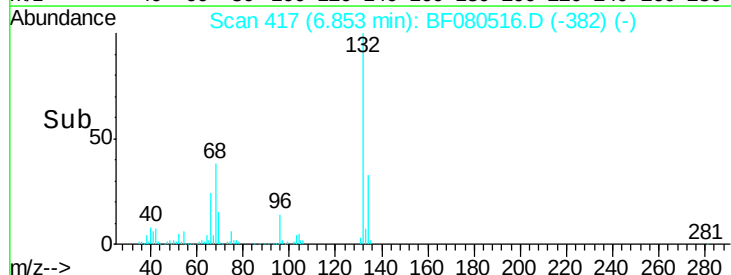
65 1317.8 14.7 22.1#

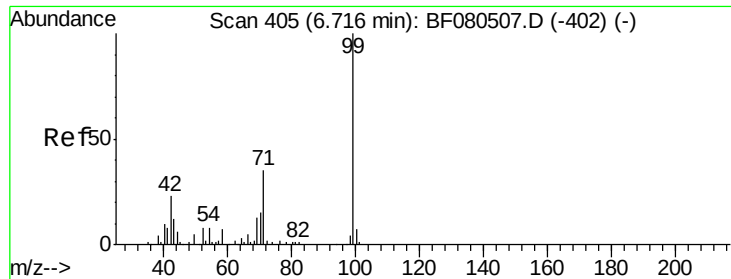


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.24 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

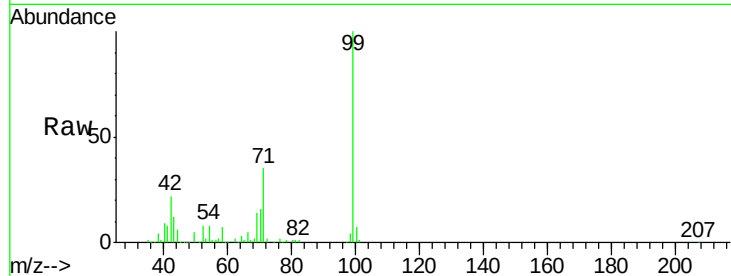
Tot Ion: 99 Resp: 202088

Ion Ratio Lower Upper

99 100

42 22.5 13.7 20.5#

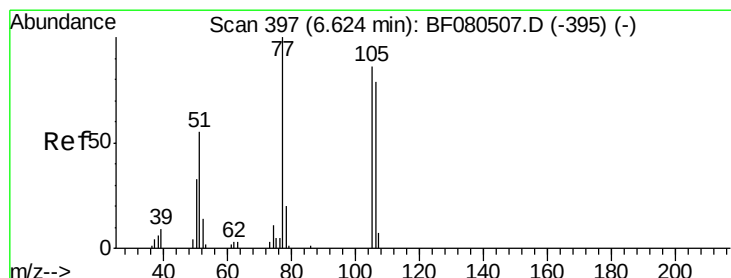
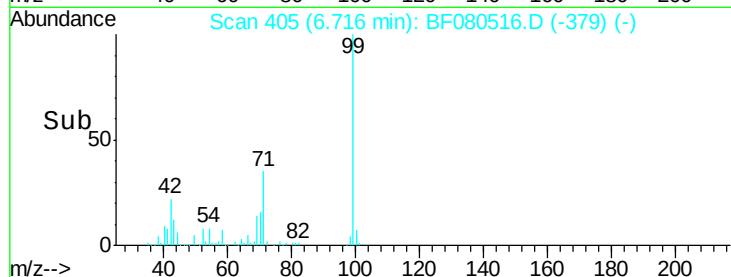
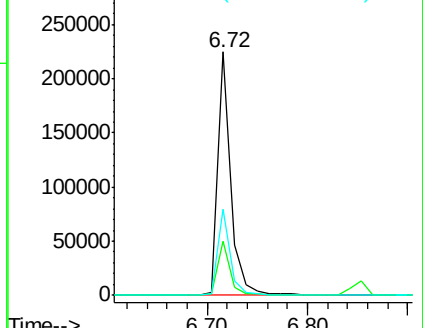
71 35.2 14.2 21.2#



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



#9

Benzaldehyde

Concen: 0.20 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.09 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

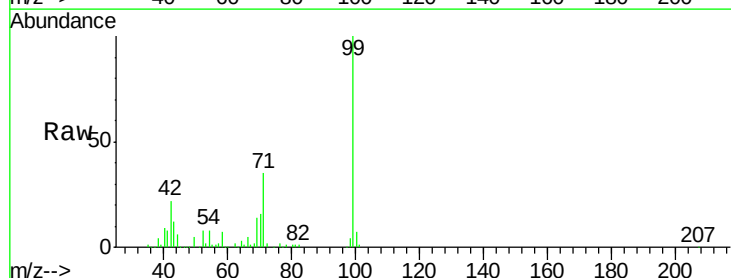
Tgt Ion: 77 Resp: 249

Ion Ratio Lower Upper

77 100

105 0.0 91.6 131.6#

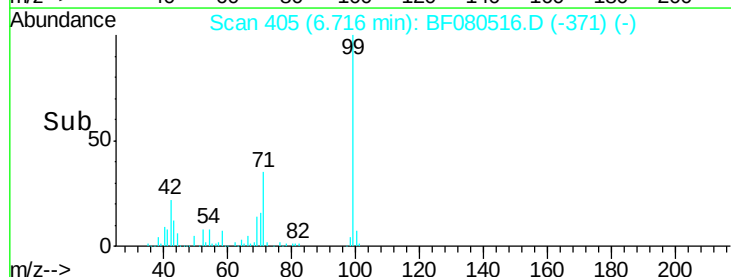
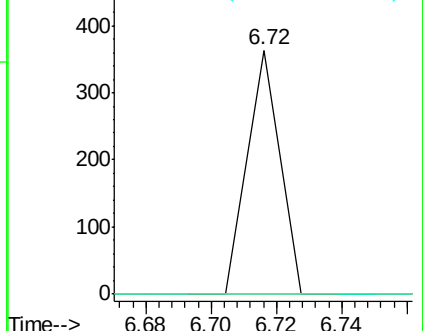
106 0.0 102.6 142.6#

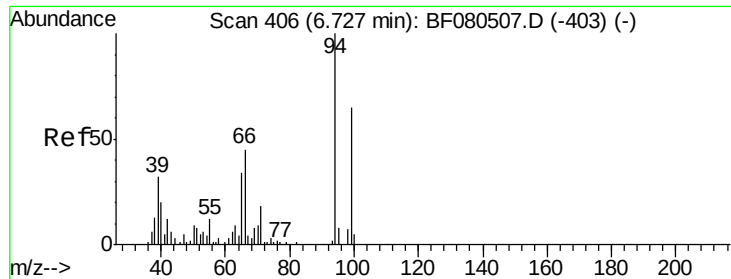


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.64 ng

RT: 6.73 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

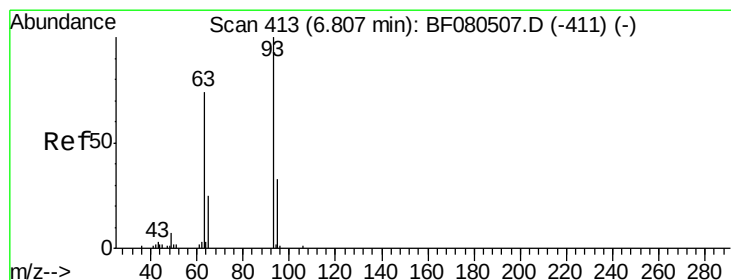
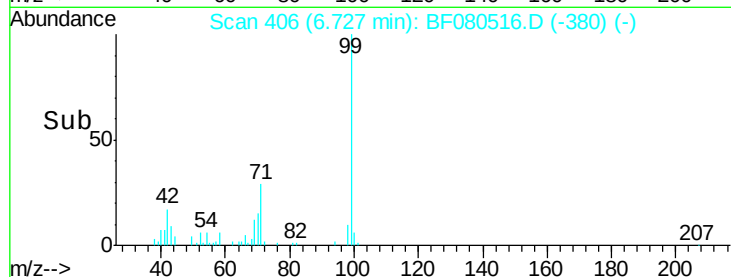
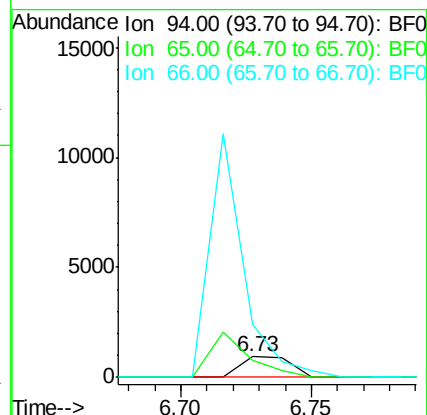
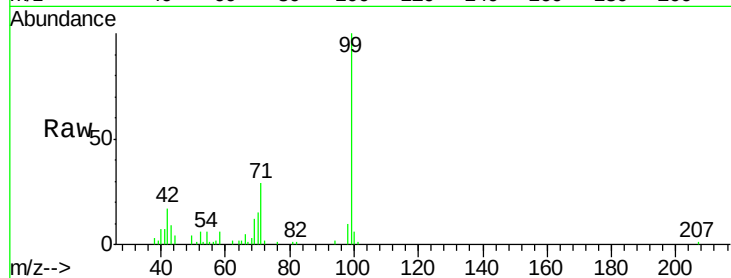
Tot Ion: 94 Resp: 1262

Ion Ratio Lower Upper

94 100

65 79.7 0.7 40.7#

66 255.4 0.8 40.8#



#11

bis(2-Chloroethyl)ether

Concen: 0.15 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.05 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

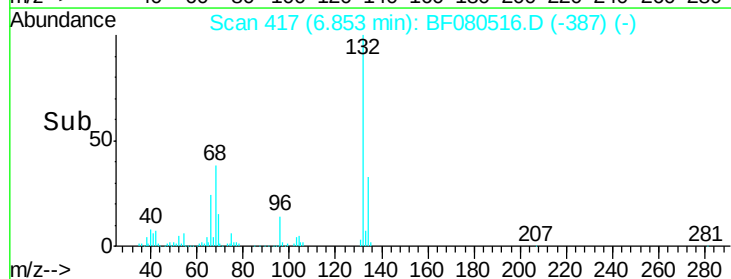
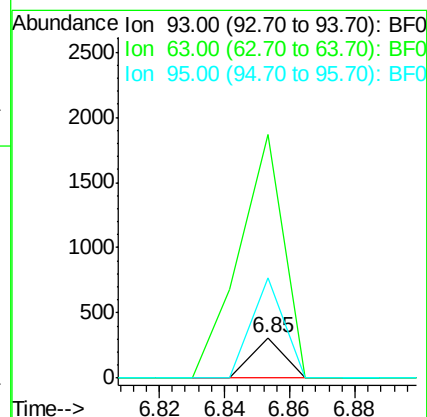
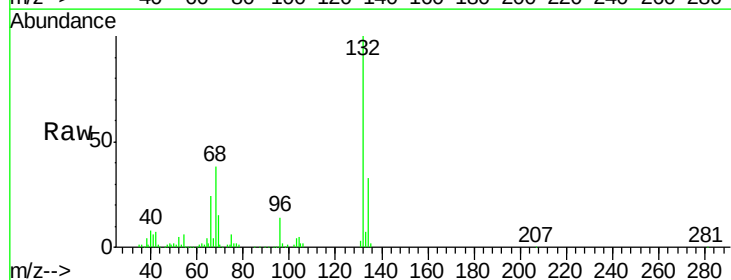
Tgt Ion: 93 Resp: 212

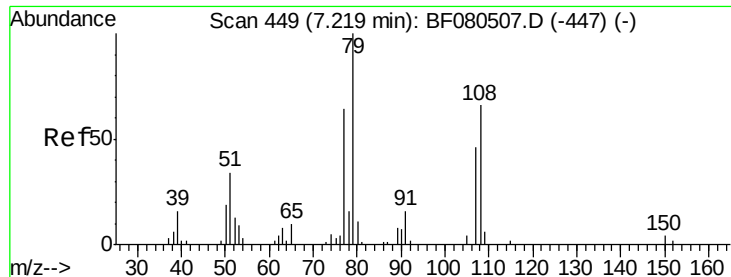
Ion Ratio Lower Upper

93 100

63 604.2 65.6 105.6#

95 249.8 13.6 53.6#





#15

Benzyl Alcohol

Concen: 1.68 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.01 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

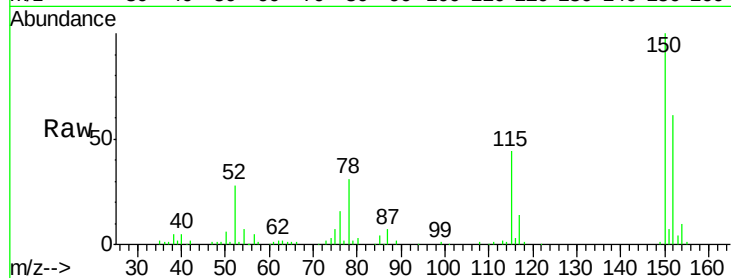
Tot Ion: 79 Resp: 2153

Ion Ratio Lower Upper

79 100

108 24.8 88.6 132.8#

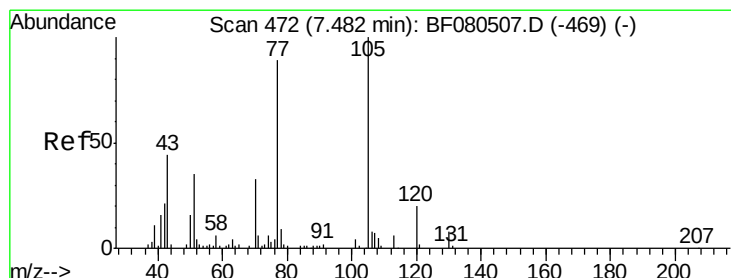
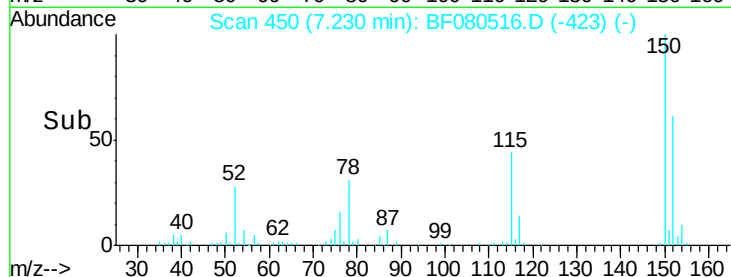
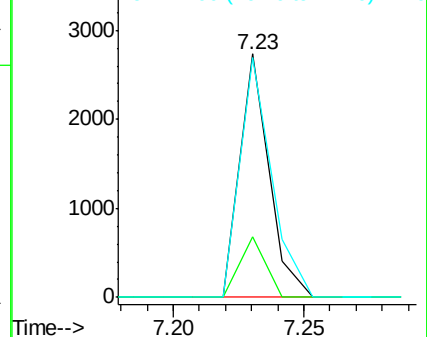
77 98.6 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 13.18 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.16 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Tgt Ion: 70 Resp: 14664

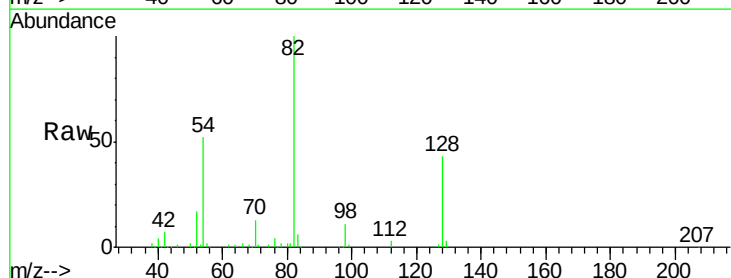
Ion Ratio Lower Upper

70 100

42 55.4 63.8 95.6#

101 0.0 9.2 13.8#

130 0.0 27.3 40.9#

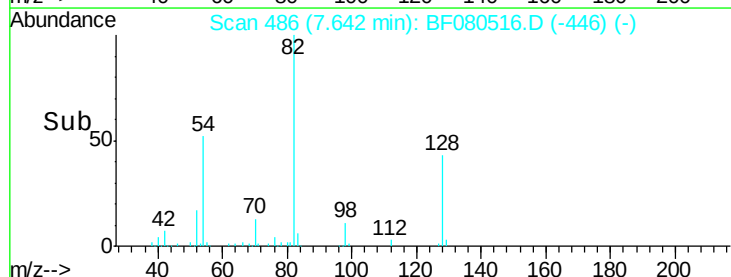
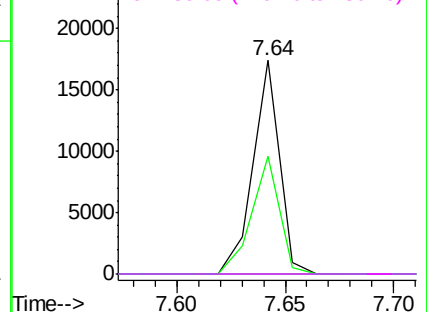


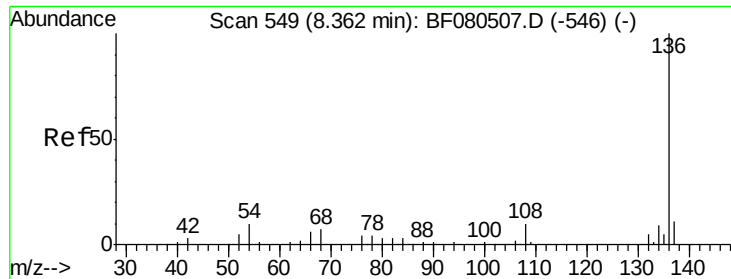
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

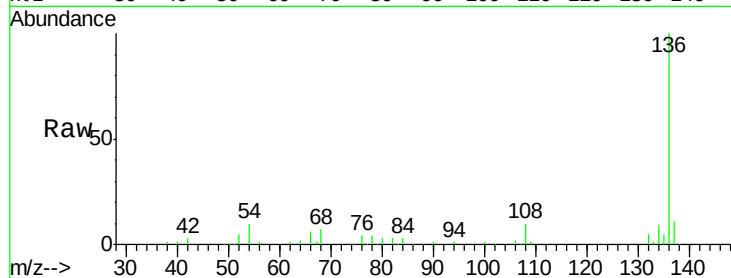




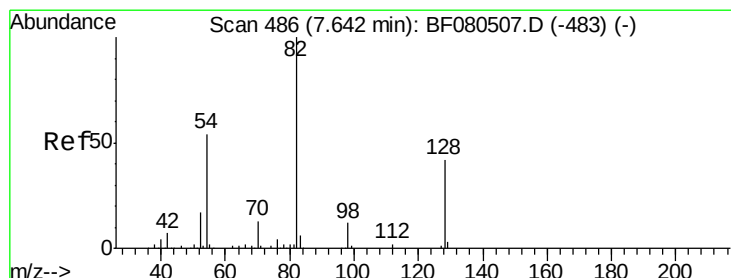
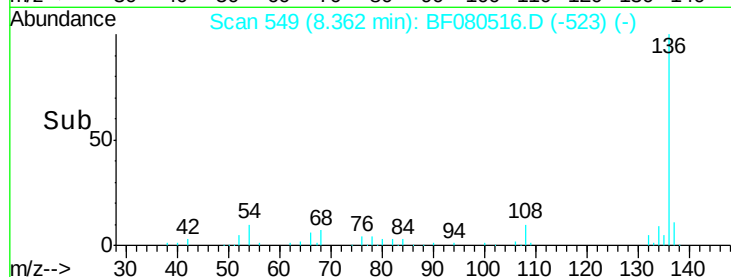
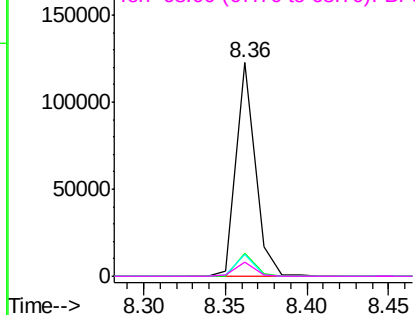
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.36 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF080516.D
Acq: 16 Jul 2015 18:18

Instrument :
BNA_F
ClientSampleId :
DGA-SITE-04RE

Tot Ion:136	Resp:	98884
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	10.3	8.2 12.2
68	6.6	5.8 8.6

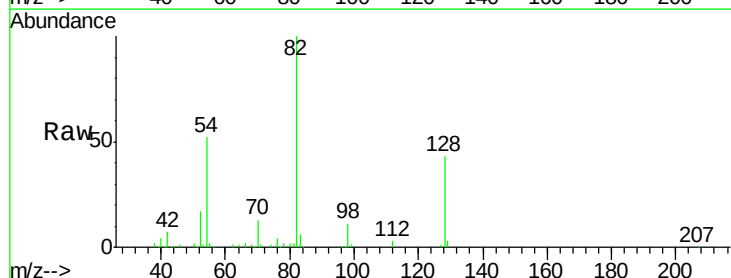


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

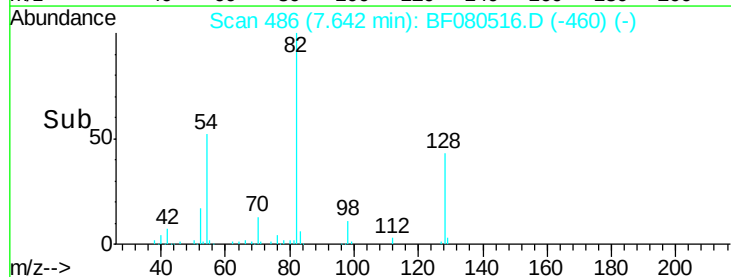
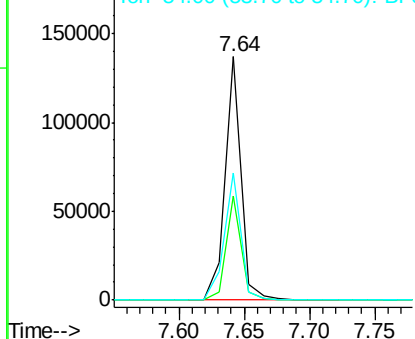


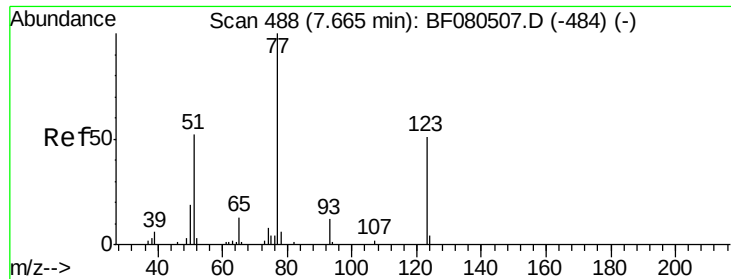
#23
Nitrobenzene-d5
Concen: 69.75 ng
RT: 7.64 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF080516.D
Acq: 16 Jul 2015 18:18

Tgt Ion: 82	Resp:	117507
Ion Ratio	Lower	Upper
82	100	
128	42.7	51.0 76.6#
54	52.3	47.5 71.3



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





#24

Nitrobenzene

Concen: 0.14 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.02 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

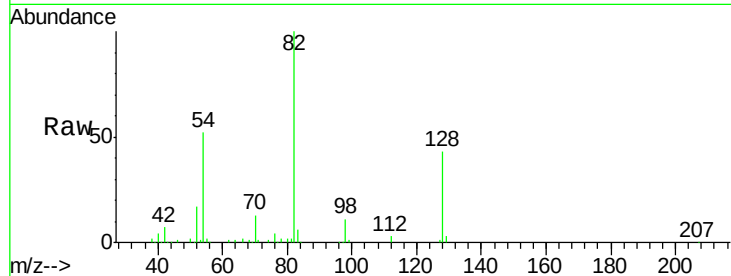
Tot Ion: 77 Resp: 243

Ion Ratio Lower Upper

77 100

123 0.0 59.8 89.8#

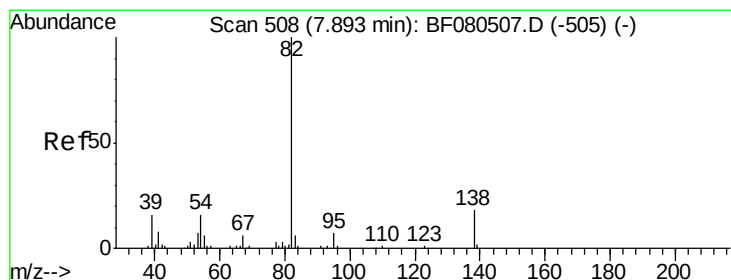
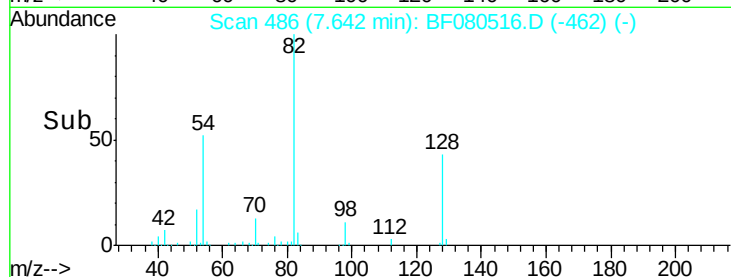
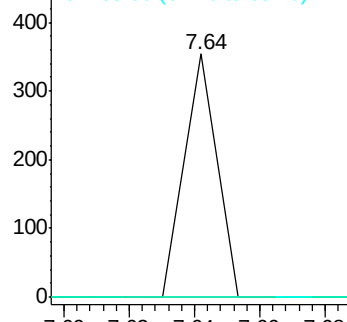
65 0.0 10.2 15.4#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 39.49 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.25 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

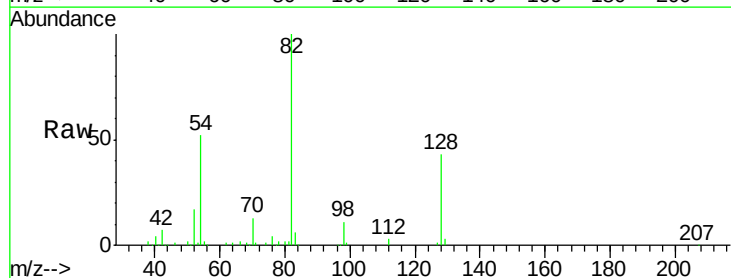
Tgt Ion: 82 Resp: 117503

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

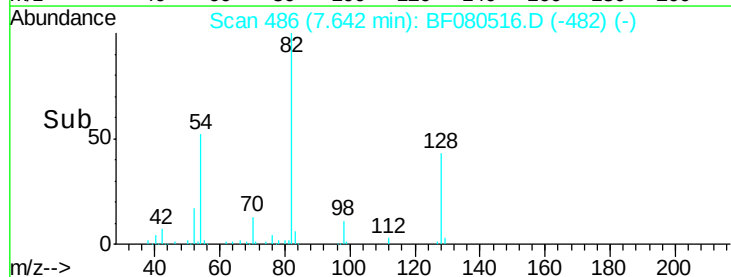
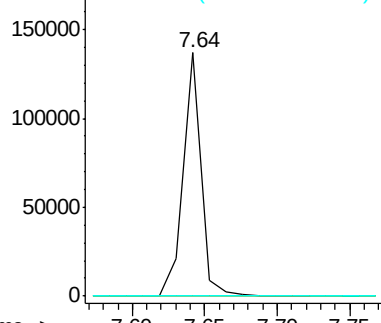
138 0.0 18.3 27.5#

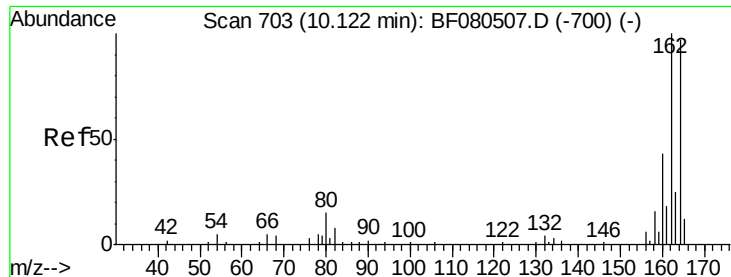


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.12 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

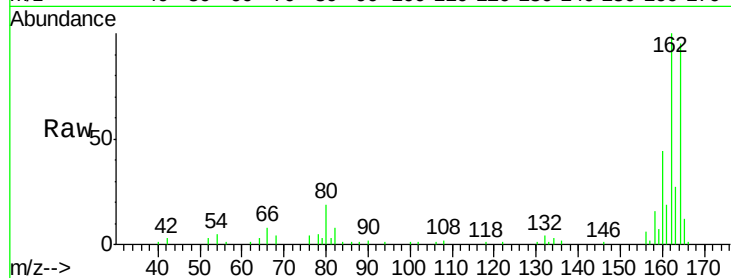
Tot Ion:164 Resp: 44138

Ion Ratio Lower Upper

164 100

162 105.6 75.2 112.8

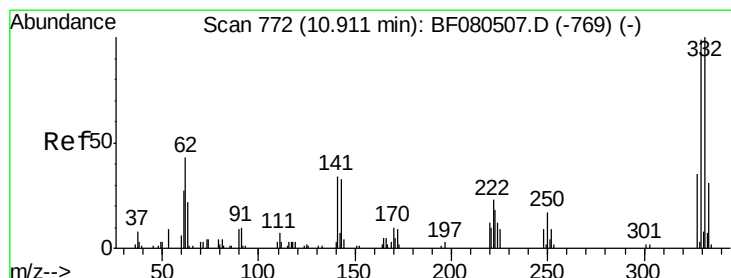
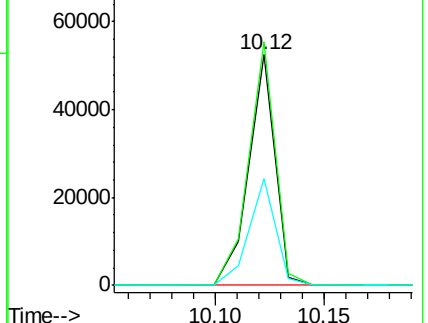
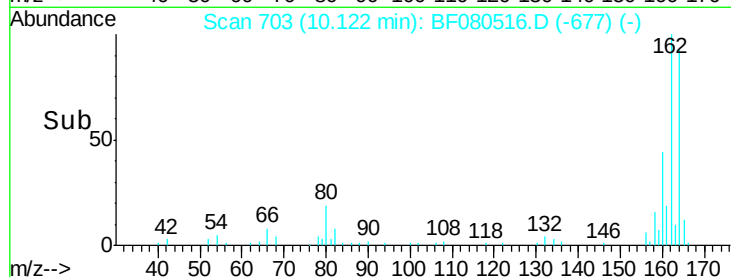
160 46.1 31.5 47.3



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: 103.51 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

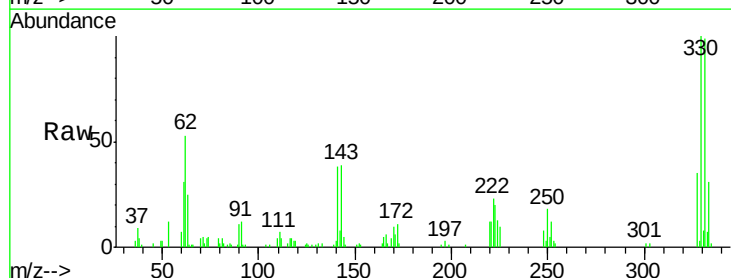
Tgt Ion:330 Resp: 35547

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

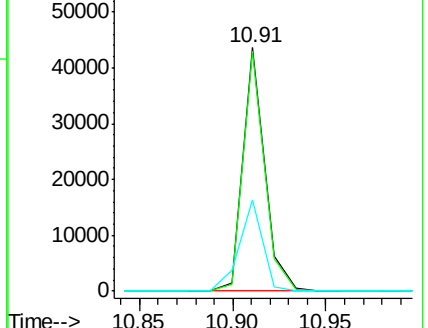
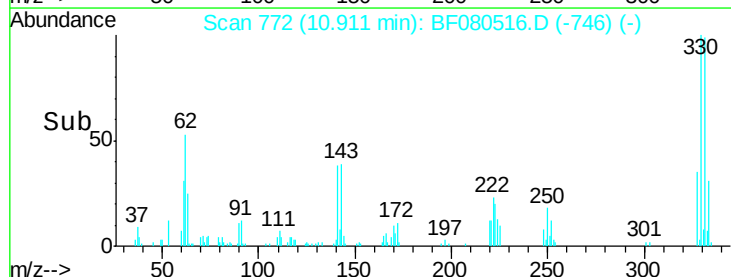
141 40.2 29.7 44.5

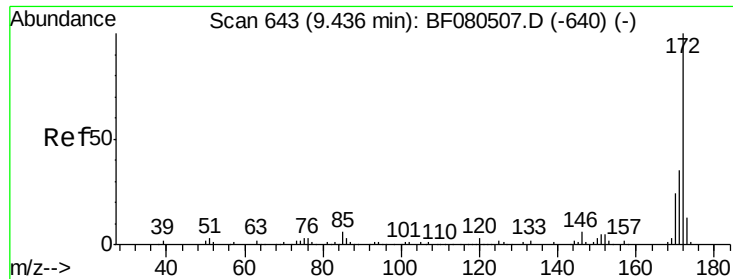


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 72.24 ng

RT: 9.44 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

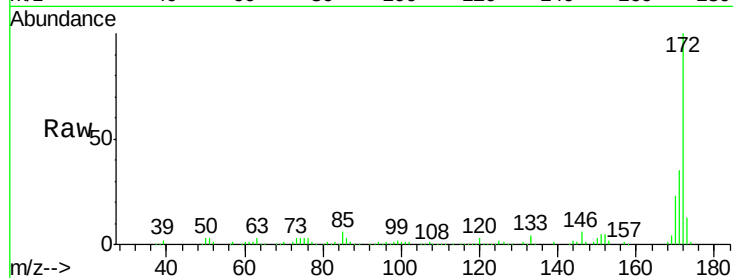
Tot Ion:172 Resp: 234307

Ion Ratio Lower Upper

172 100

171 35.0 26.1 39.1

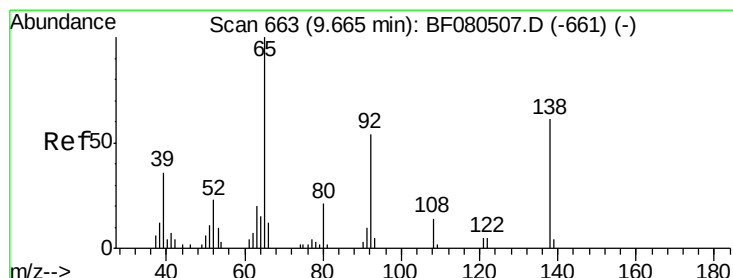
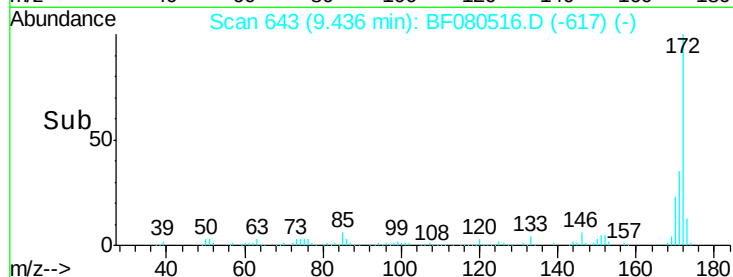
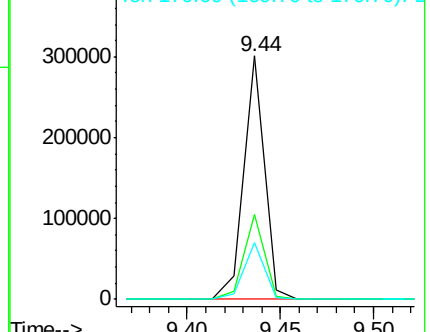
170 23.3 17.4 26.2



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



#47

2-Nitroaniline

Concen: 0.50 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.23 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

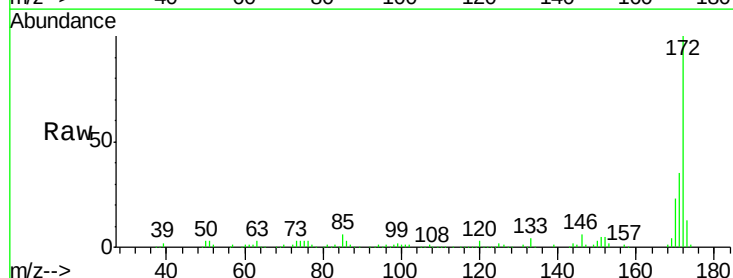
Tgt Ion: 65 Resp: 346

Ion Ratio Lower Upper

65 100

92 157.9 55.4 83.0#

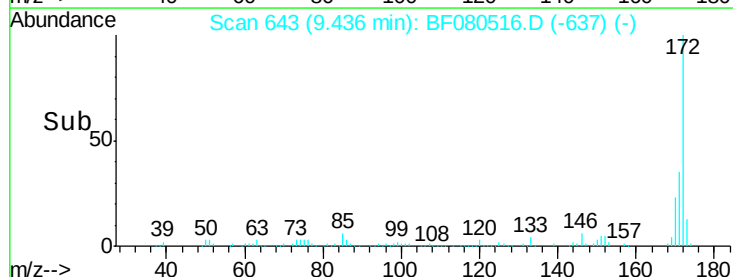
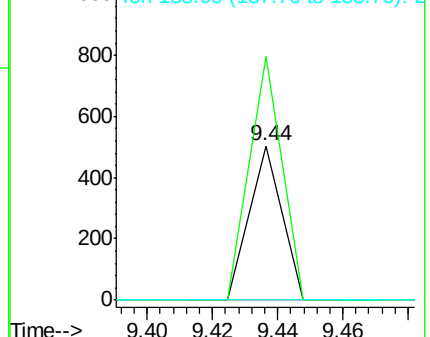
138 0.0 115.5 173.3#

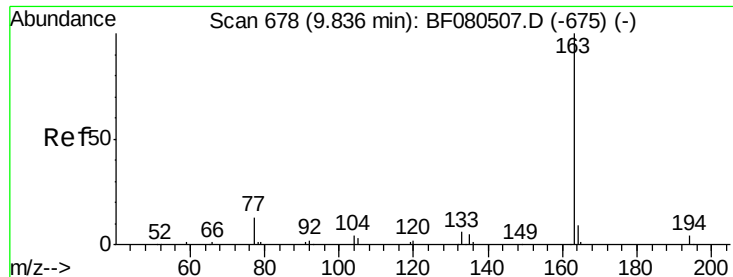


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

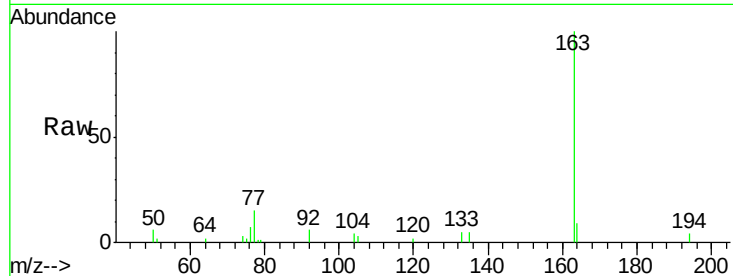




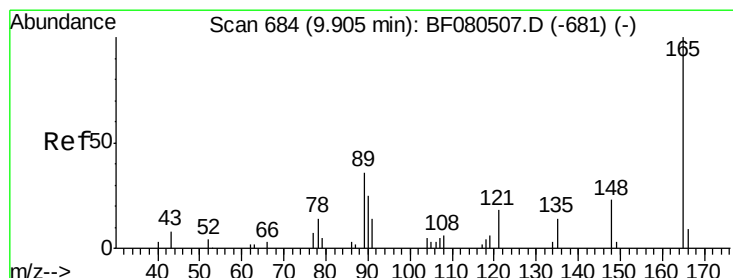
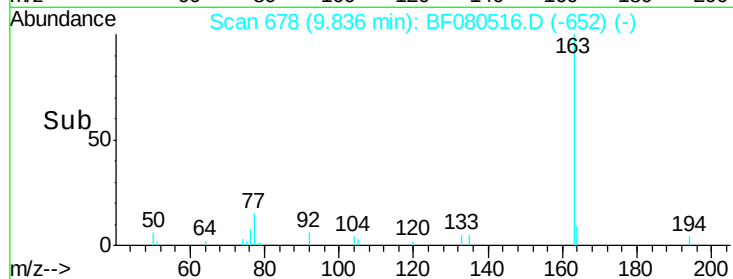
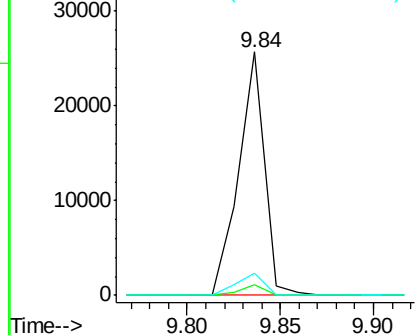
#49
Dimethylphthalate
Concen: 8.27 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF080516.D
Acq: 16 Jul 2015 18:18

Instrument :
BNA_F
ClientSampleId :
DGA-SITE-04RE

Tot Ion:163 Resp: 25037
Ion Ratio Lower Upper
163 100
194 4.2 4.4 6.6#
164 9.3 8.3 12.5

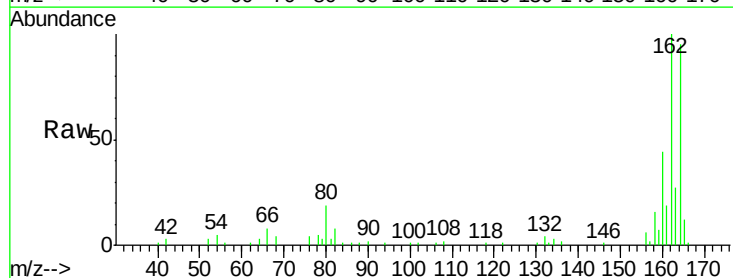


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

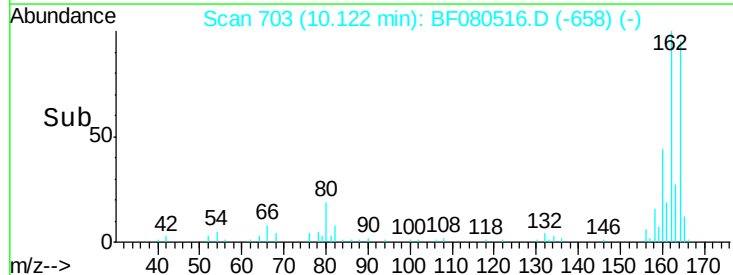
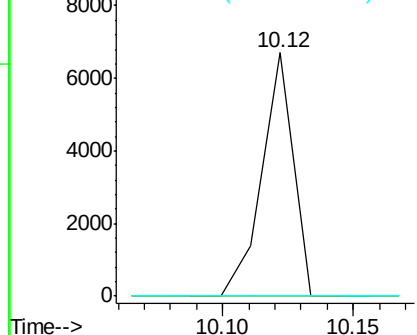


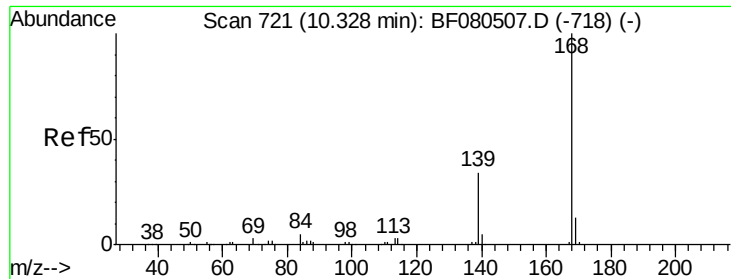
#50
2,6-Dinitrotoluene
Concen: 9.37 ng
RT: 10.12 min Scan# 703
Delta R.T. 0.22 min
Lab File: BF080516.D
Acq: 16 Jul 2015 18:18

Tgt Ion:165 Resp: 5548
Ion Ratio Lower Upper
165 100
63 0.0 32.3 48.5#
89 0.0 28.6 43.0#



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

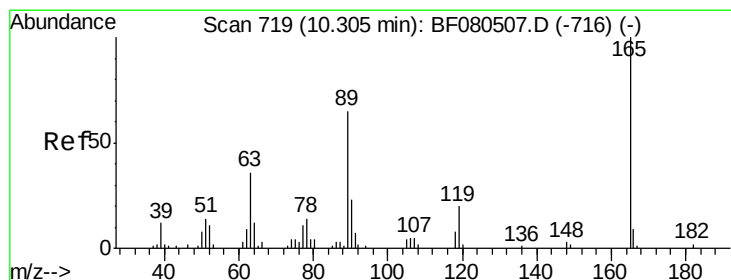
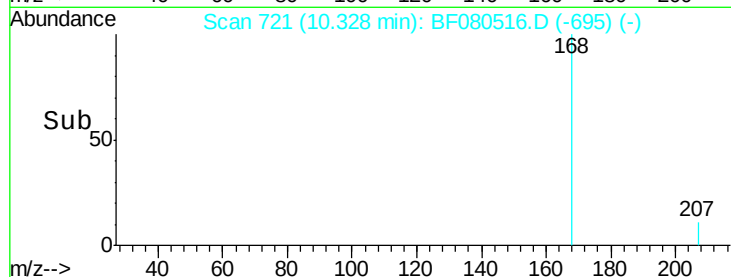
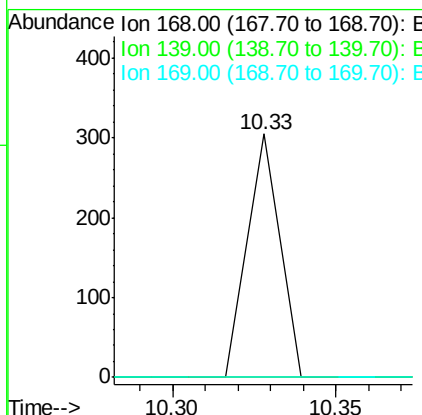
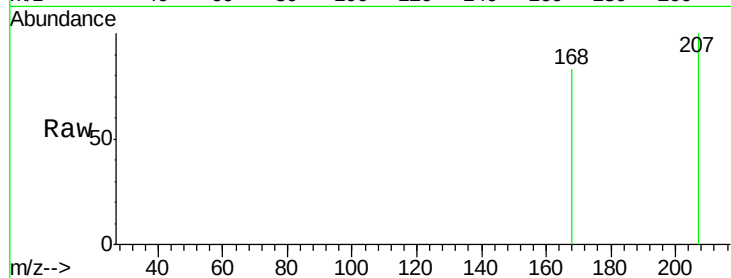




#54
Dibenzofuran
Concen: 0.05 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF080516.D
Acq: 16 Jul 2015 18:18

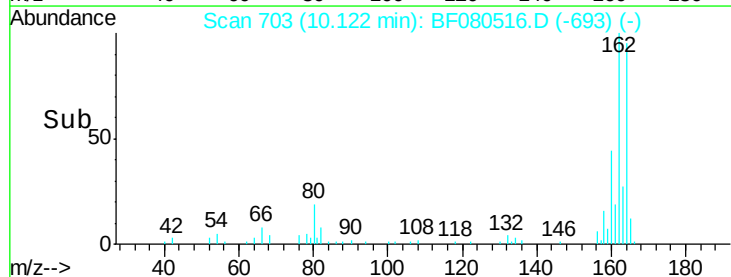
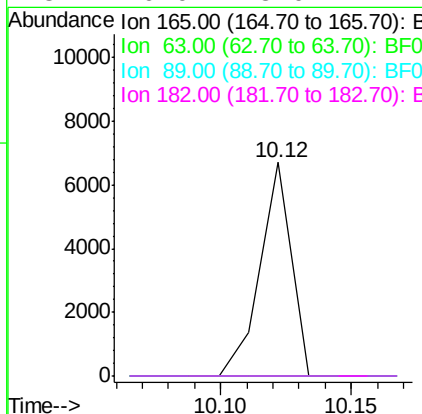
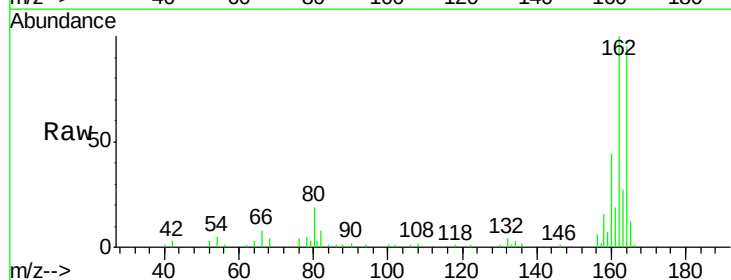
Instrument :
BNA_F
ClientSampleId :
DGA-SITE-04RE

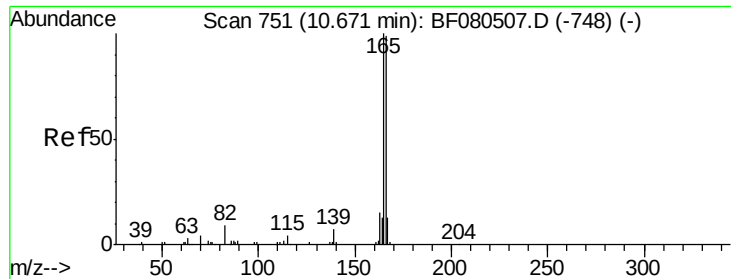
Tot Ion:168 Resp: 209
Ion Ratio Lower Upper
168 100
139 0.0 24.2 36.2#
169 0.0 10.6 15.8#



#56
2,4-Dinitrotoluene
Concen: 6.46 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.18 min
Lab File: BF080516.D
Acq: 16 Jul 2015 18:18

Tgt Ion:165 Resp: 5548
Ion Ratio Lower Upper
165 100
63 0.0 29.8 44.6#
89 0.0 44.5 66.7#
182 0.0 3.0 4.4#





#57

Fluorene

Concen: 0.68 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.24 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

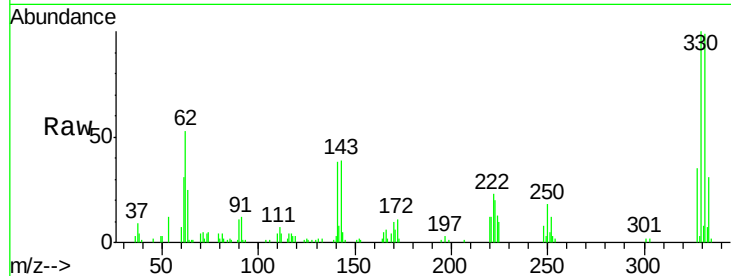
Tot Ion:166 Resp: 2061

Ion Ratio Lower Upper

166 100

165 90.7 72.6 109.0

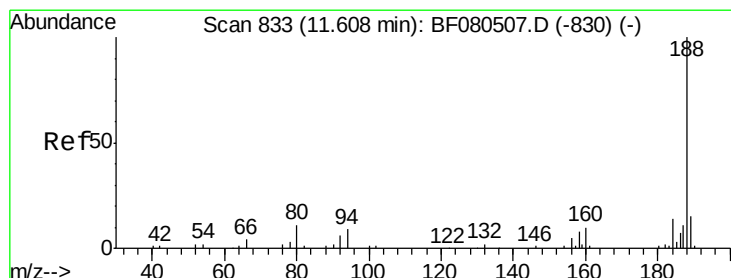
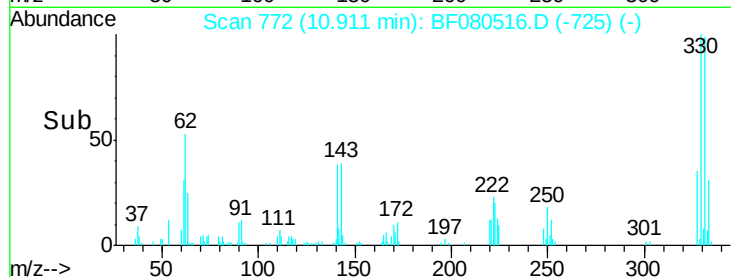
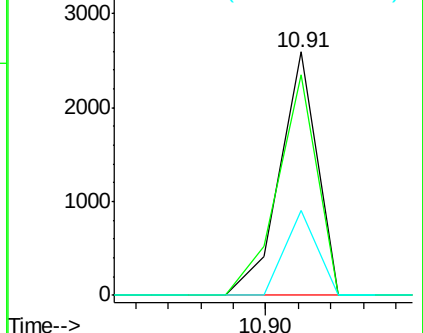
167 35.0 10.6 16.0#



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: 11.61 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

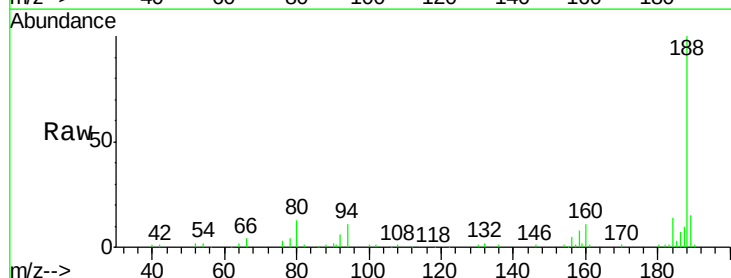
Tgt Ion:188 Resp: 84277

Ion Ratio Lower Upper

188 100

94 10.8 11.1 16.7#

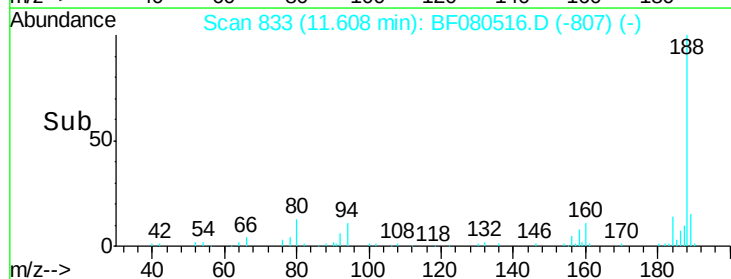
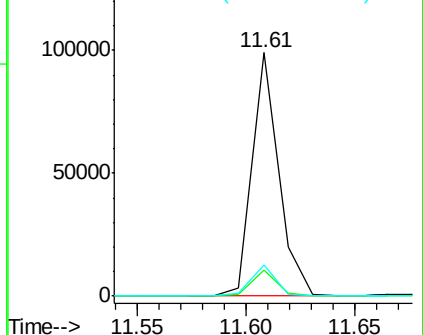
80 12.5 11.0 16.4

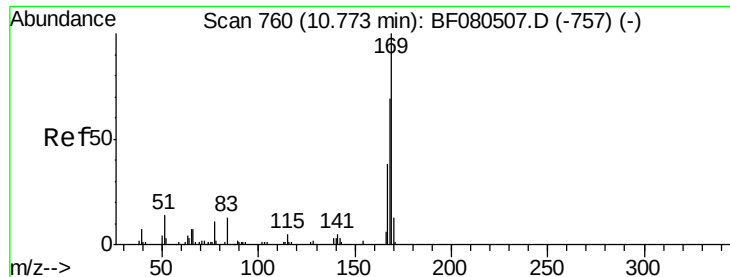


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 0.42 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.14 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

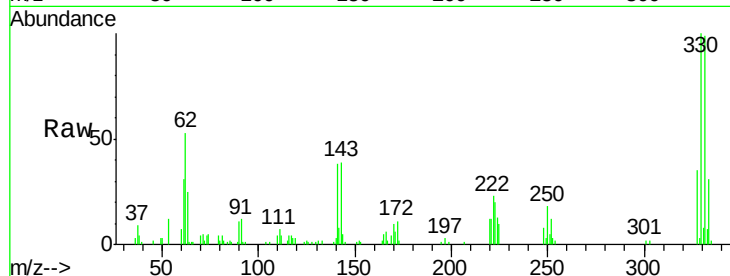
Tot Ion:169 Resp: 1196

Ion Ratio Lower Upper

169 100

168 0.0 48.9 73.3#

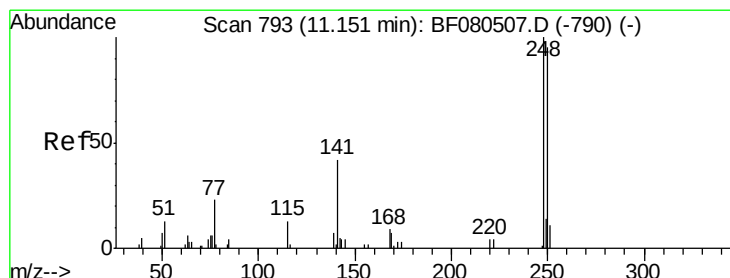
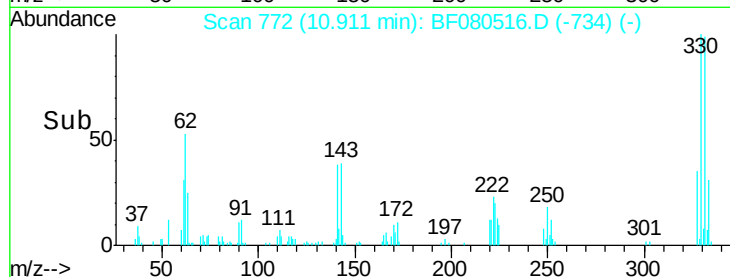
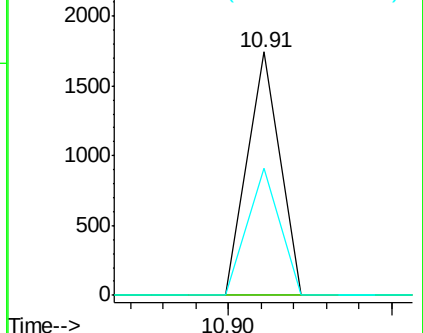
167 52.0 26.2 39.4#



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



#66

4-Bromophenyl-phenylether

Concen: 2.90 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.24 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

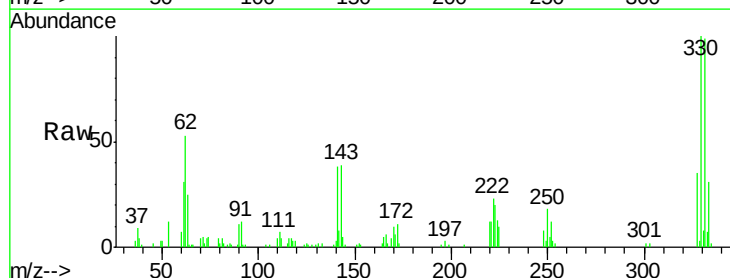
Tgt Ion:248 Resp: 2383

Ion Ratio Lower Upper

248 100

250 228.2 78.5 117.7#

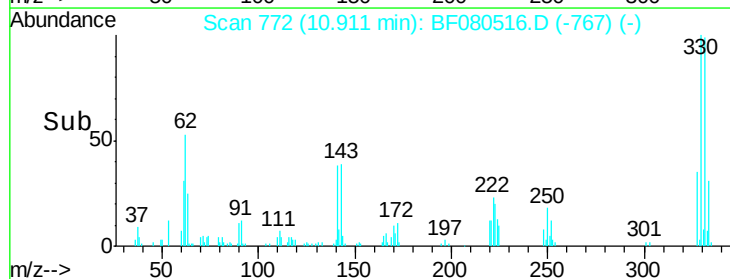
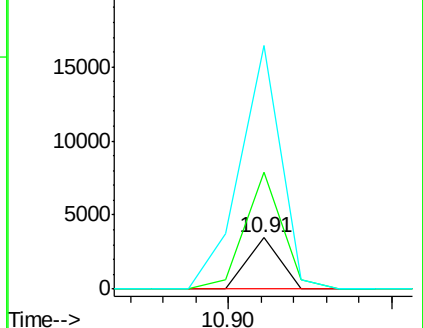
141 473.1 59.0 88.6#

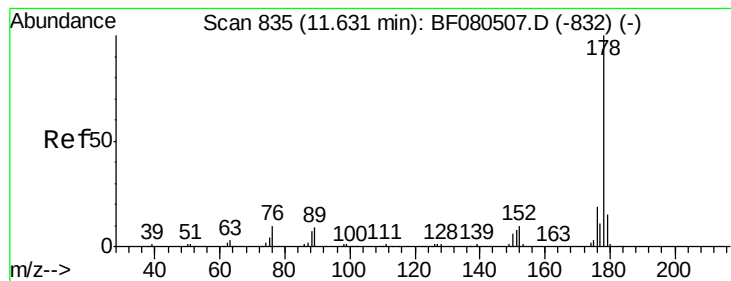


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 0.09 ng

RT: 11.63 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

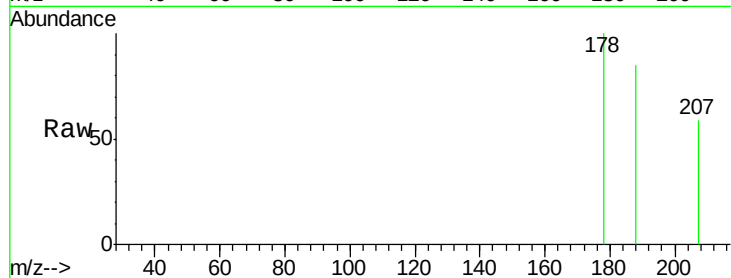
Tot Ion:178 Resp: 439

Ion Ratio Lower Upper

178 100

176 0.0 13.8 20.8#

179 0.0 12.2 18.2#



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

11.63

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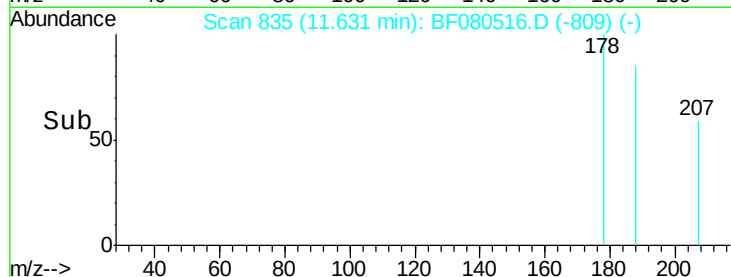
11.63

11.63

11.63

11.63

11.63



#71

Anthracene

Concen: 0.06 ng

RT: 11.69 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

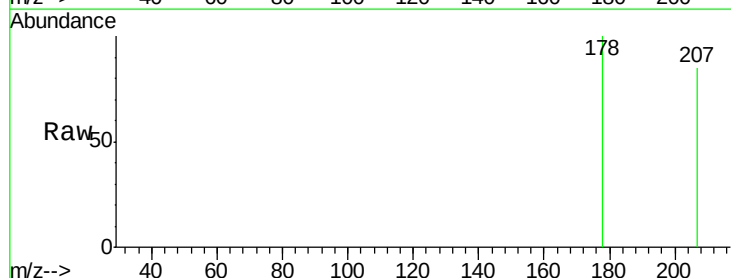
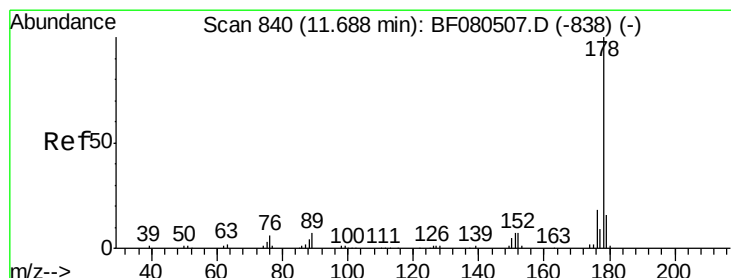
Tgt Ion:178 Resp: 276

Ion Ratio Lower Upper

178 100

176 0.0 14.1 21.1#

179 0.0 12.2 18.2#



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

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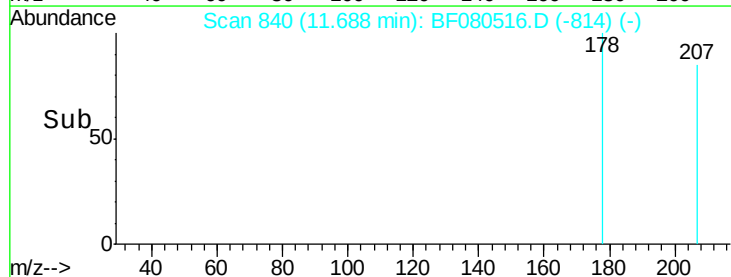
11.69

11.69

11.69

11.69

11.69



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

11.69

11.69

11.69

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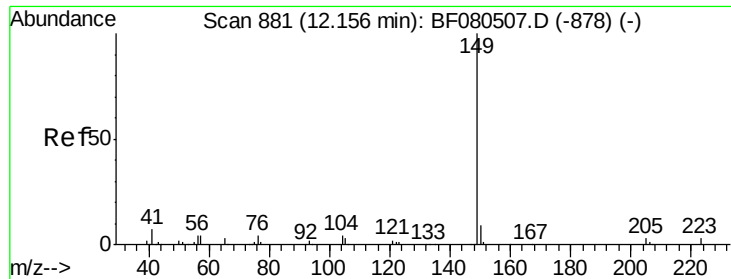
11.69

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#73

Di-n-butylphthalate

Concen: 0.09 ng

RT: 12.16 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

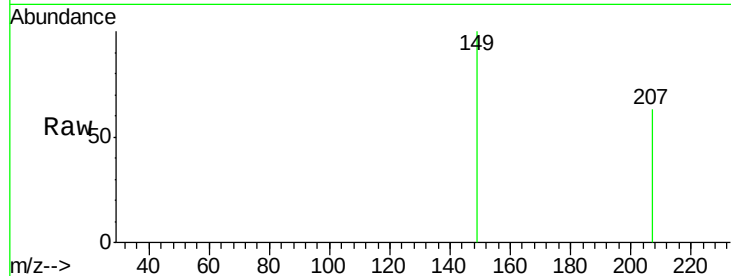
Tot Ion:149 Resp: 413

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.2#

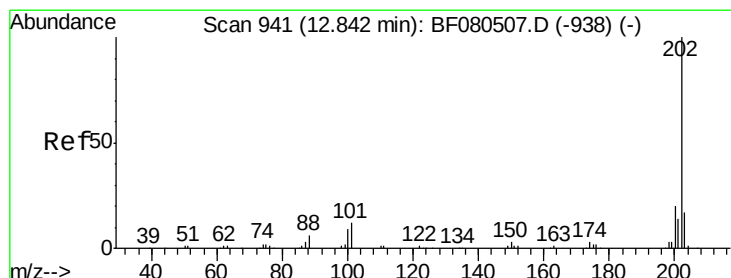
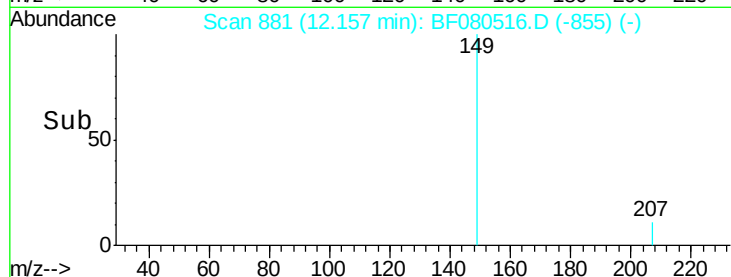
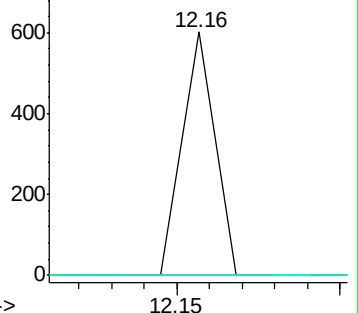
104 0.0 2.4 3.6#



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: 0.11 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

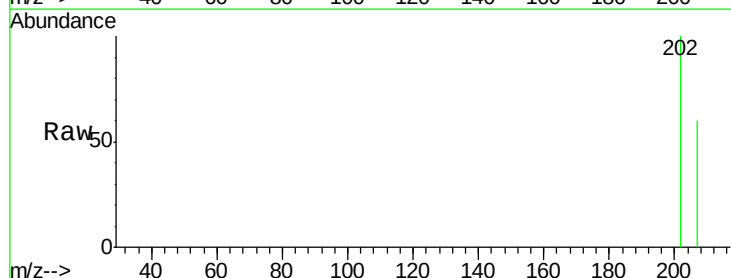
Tgt Ion:202 Resp: 503

Ion Ratio Lower Upper

202 100

101 0.0 0.0 38.3

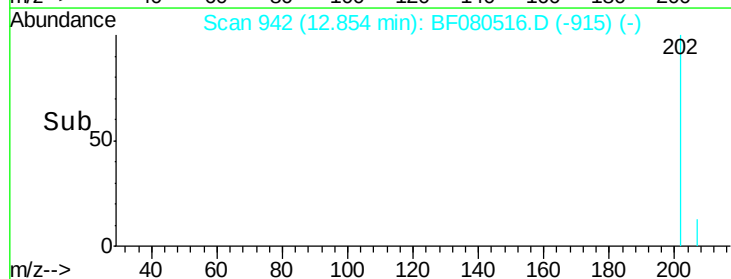
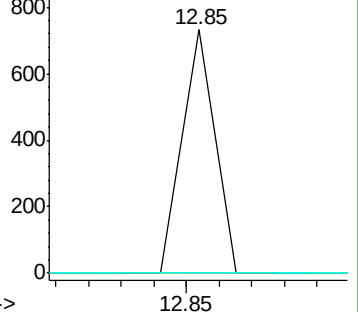
203 0.0 0.0 37.3

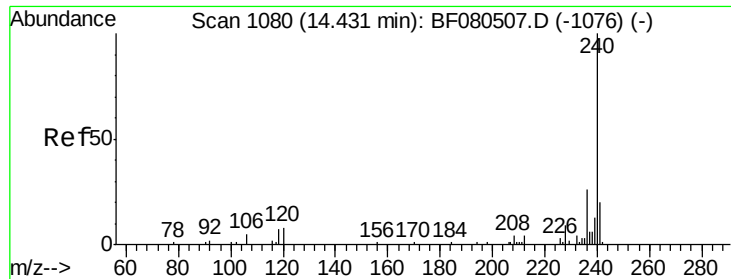


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

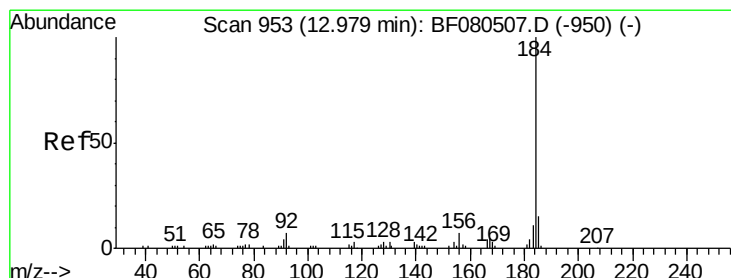
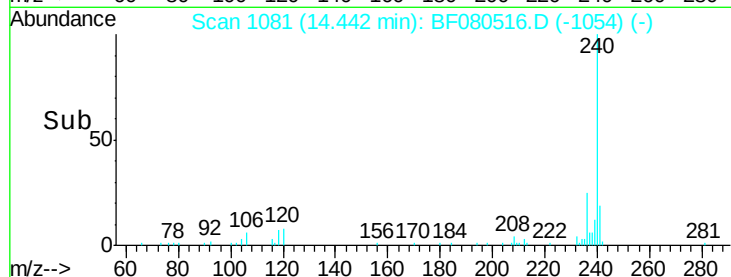
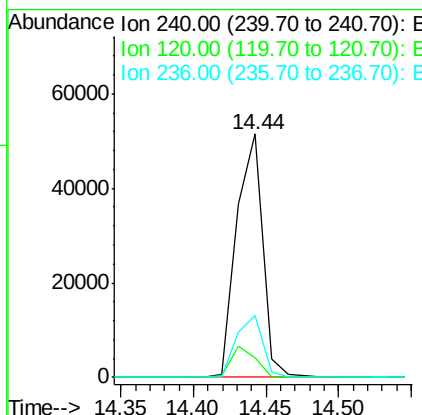
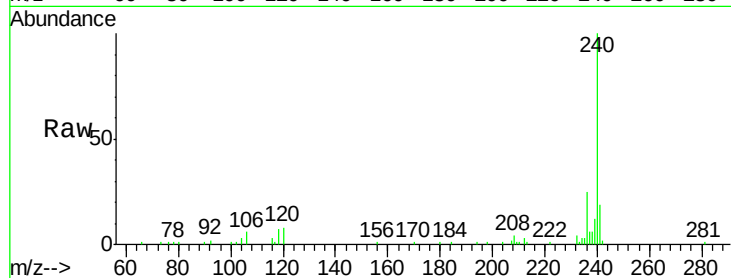




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.44 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: BF080516.D
 Acq: 16 Jul 2015 18:18

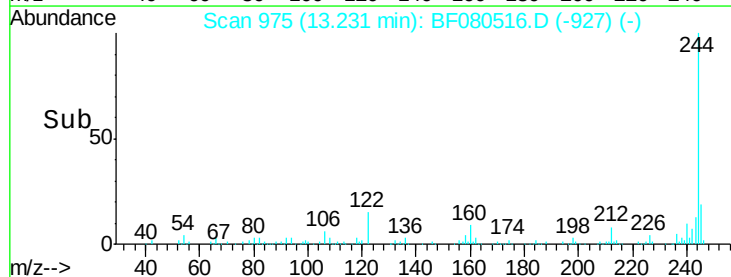
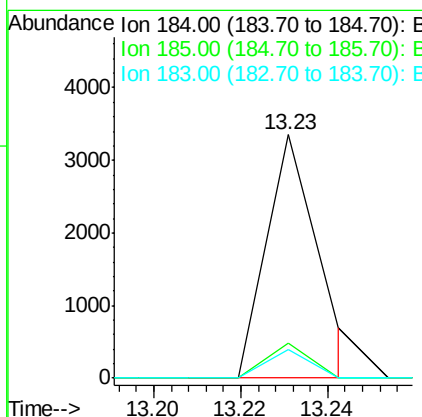
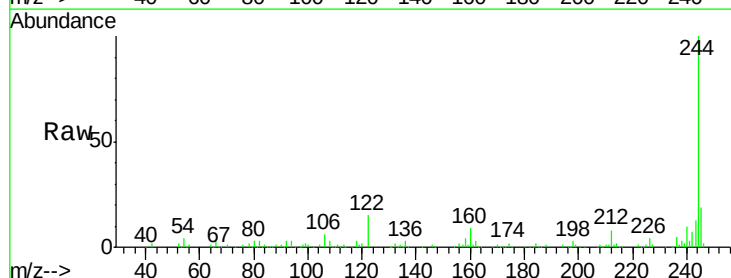
Instrument :
 BNA_F
 ClientSampleId :
 DGA-SITE-04RE

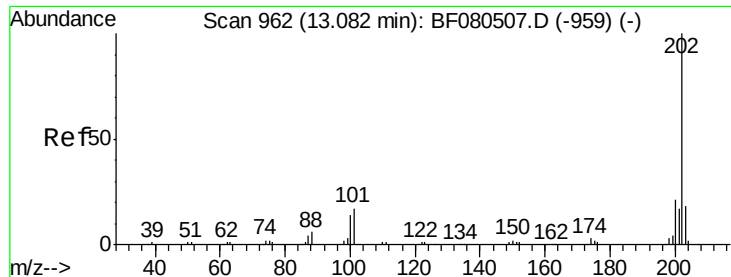
Tot Ion:240 Resp: 64101
 Ion Ratio Lower Upper
 240 100
 120 7.9 16.2 24.2#
 236 25.3 18.4 27.6



#76
 Benzidine
 Concen: 1.32 ng
 RT: 13.23 min Scan# 975
 Delta R.T. 0.25 min
 Lab File: BF080516.D
 Acq: 16 Jul 2015 18:18

Tgt Ion:184 Resp: 2780
 Ion Ratio Lower Upper
 184 100
 185 14.2 11.8 17.6
 183 12.0 7.6 11.4#

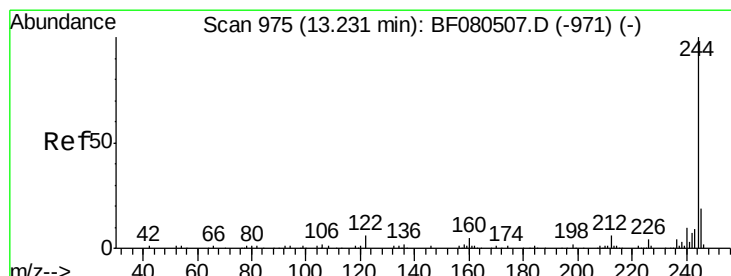
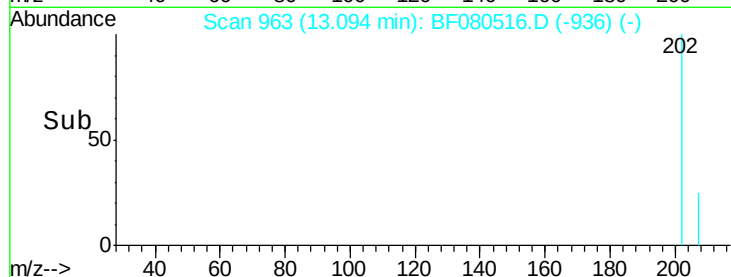
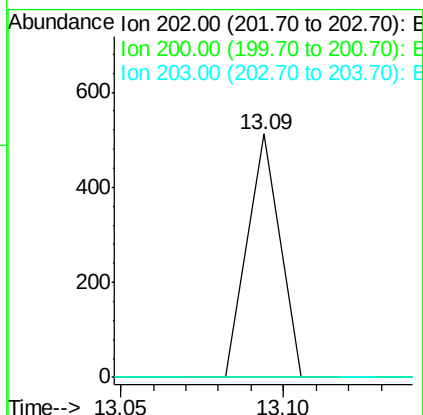
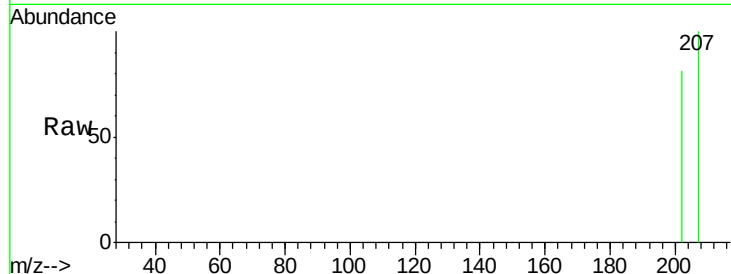




#77
Pvrene
Concen: 0.08 ng
RT: 13.09 min Scan# 963
Delta R.T. 0.01 min
Lab File: BF080516.D
Acq: 16 Jul 2015 18:18

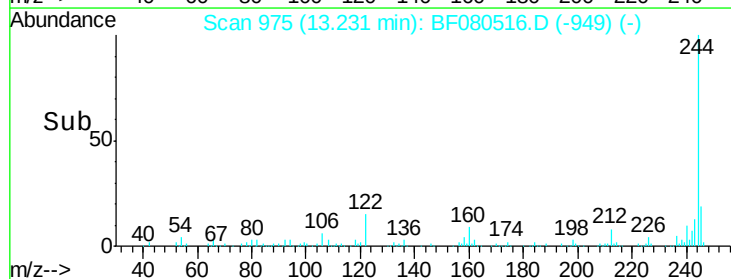
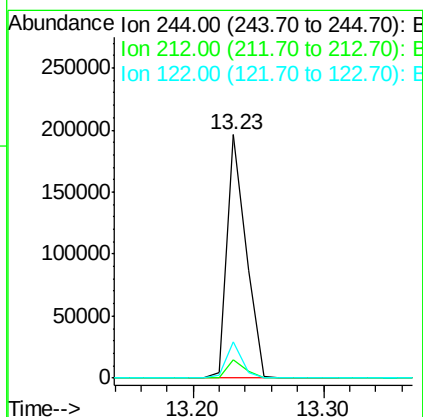
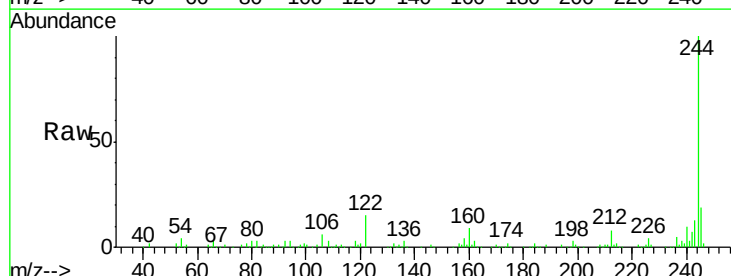
Instrument :
BNA_F
ClientSampleId :
DGA-SITE-04RE

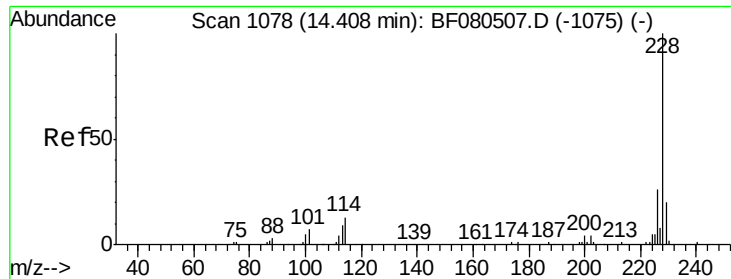
Tot Ion:202 Resp: 351
Ion Ratio Lower Upper
202 100
200 0.0 15.0 22.4#
203 0.0 14.1 21.1#



#78
Terphenyl-d14
Concen: 64.44 ng
RT: 13.23 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF080516.D
Acq: 16 Jul 2015 18:18

Tgt Ion:244 Resp: 199231
Ion Ratio Lower Upper
244 100
212 7.7 4.3 6.5#
122 14.9 17.4 26.2#





#80

Benzo(a)anthracene

Concen: 0.07 ng

RT: 14.43 min Scan# 1080

Delta R.T. 0.02 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

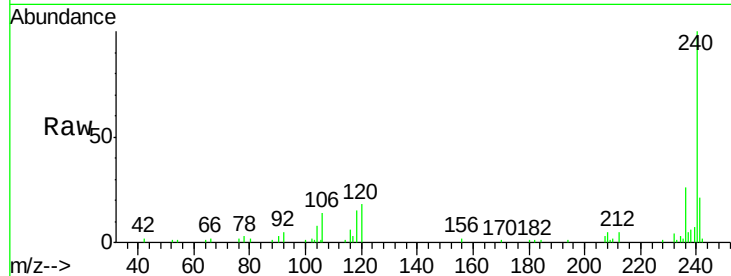
Tot Ion:228 Resp: 250

Ion Ratio Lower Upper

228 100

226 0.0 20.0 30.0#

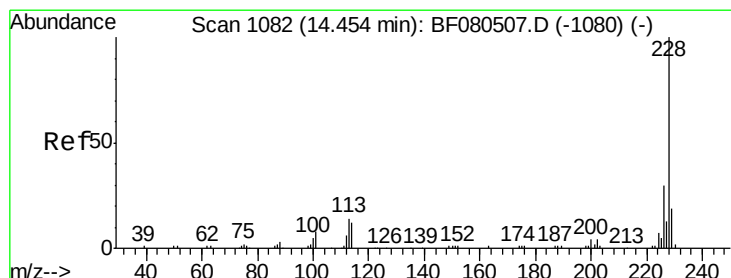
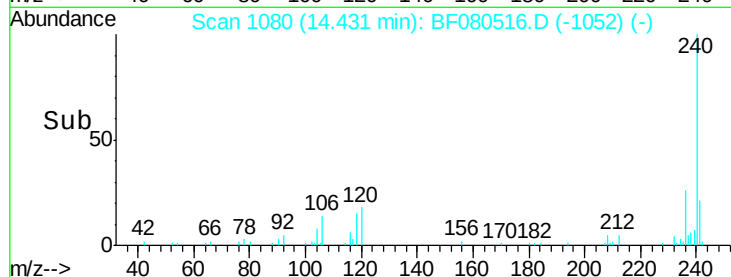
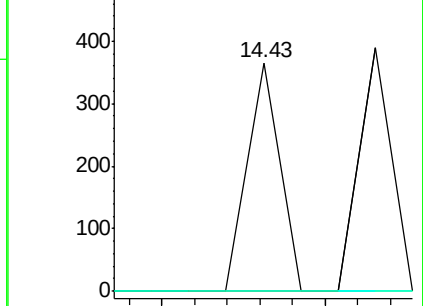
229 0.0 15.4 23.2#



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: 0.08 ng

RT: 14.47 min Scan# 1083

Delta R.T. 0.01 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

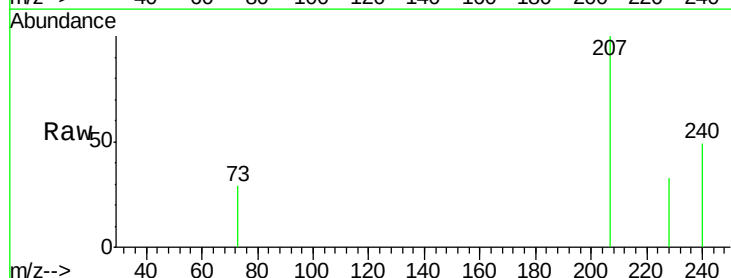
Tgt Ion:228 Resp: 267

Ion Ratio Lower Upper

228 100

226 0.0 21.0 31.4#

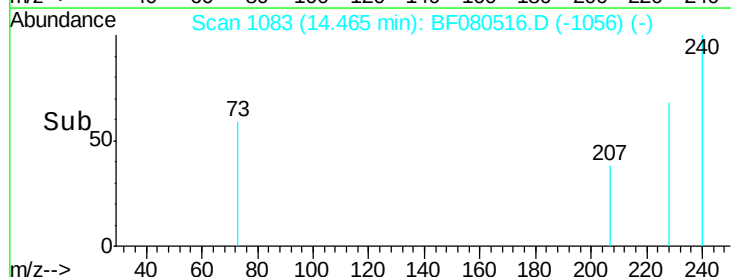
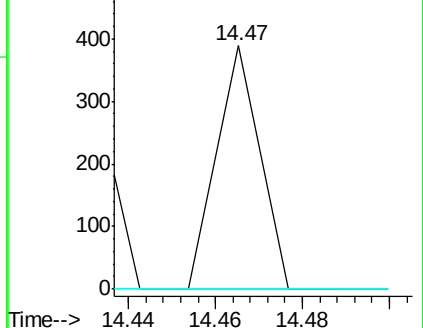
229 0.0 15.6 23.4#

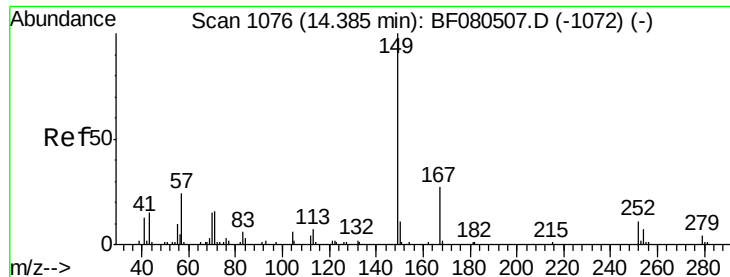


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.30 ng

RT: 14.40 min Scan# 1077

Delta R.T. 0.01 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

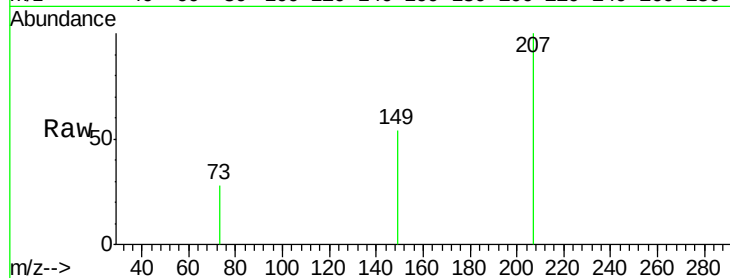
Tot Ion:149 Resp: 661

Ion Ratio Lower Upper

149 100

167 0.0 24.2 36.2#

279 0.0 3.8 5.6#



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

14.40

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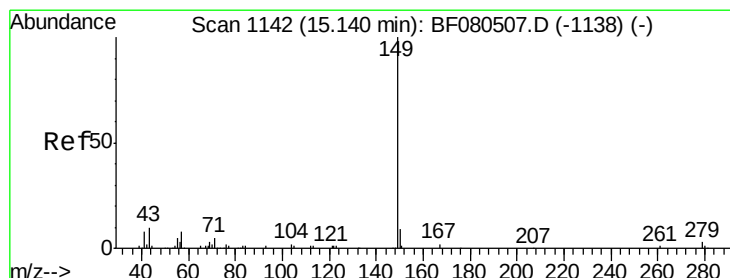
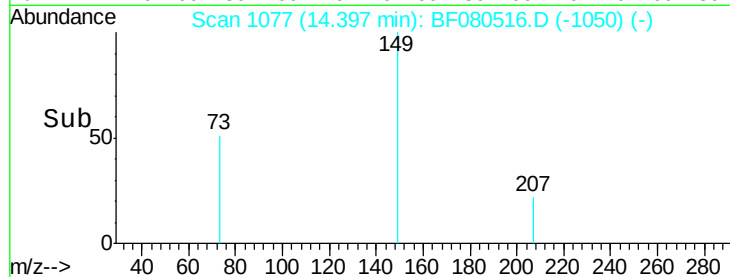
14.40

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#84

Di-n-octyl phthalate

Concen: 5.88 ng

RT: 15.15 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

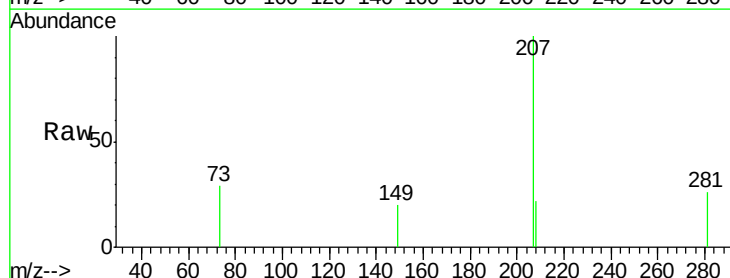
Tgt Ion:149 Resp: 259

Ion Ratio Lower Upper

149 100

167 0.0 1.0 1.6#

43 0.0 10.2 15.2#



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

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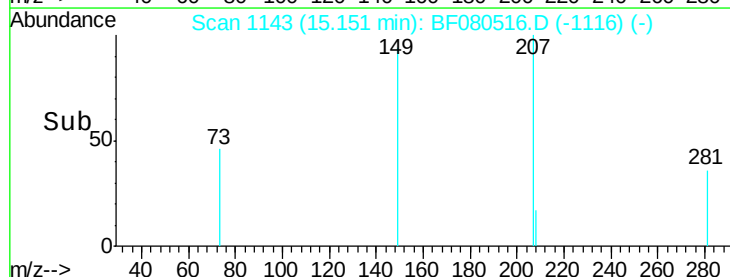
15.15

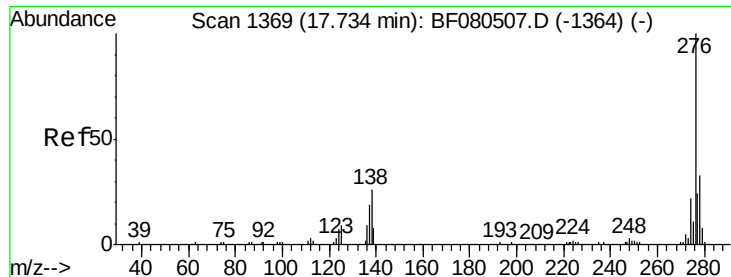
15.15

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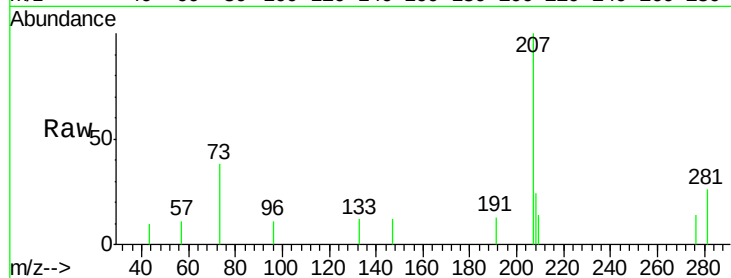




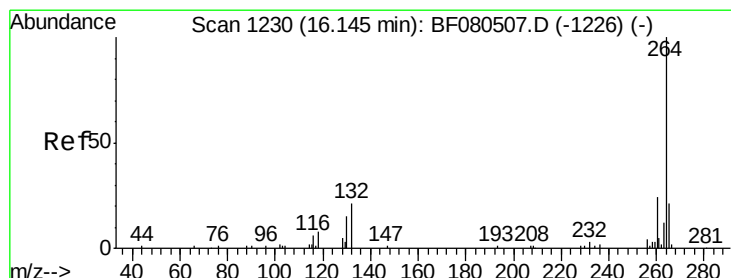
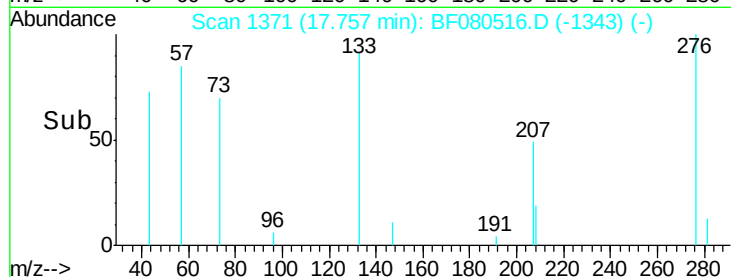
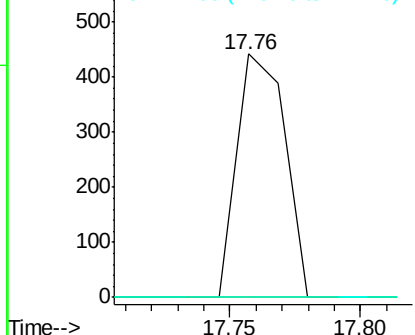
#85
 Indeno(1,2,3-cd)pyrene
 Concen: Below Cal
 RT: 17.76 min Scan# 1371
 Delta R.T. 0.02 min
 Lab File: BF080516.D
 Acq: 16 Jul 2015 18:18

Instrument :
 BNA_F
 ClientSampleId :
 DGA-SITE-04RE

Tot Ion:276 Resp: 570
 Ion Ratio Lower Upper
 276 100
 138 0.0 25.7 38.5#
 277 0.0 15.6 23.4#

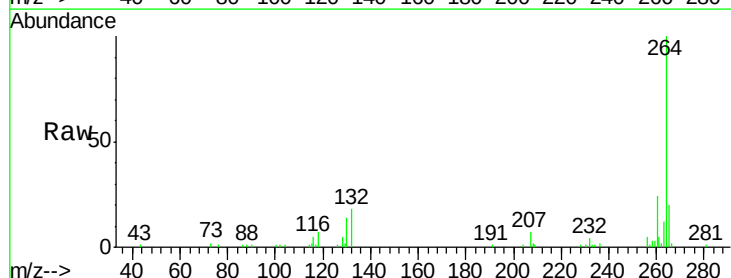


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

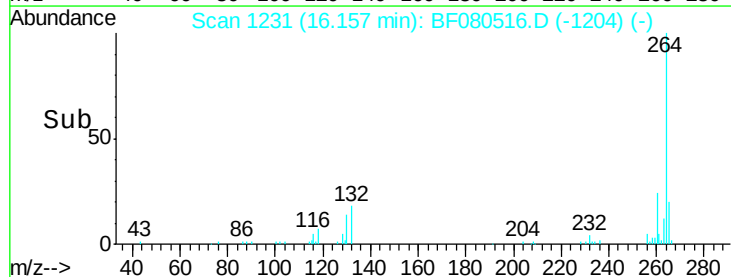
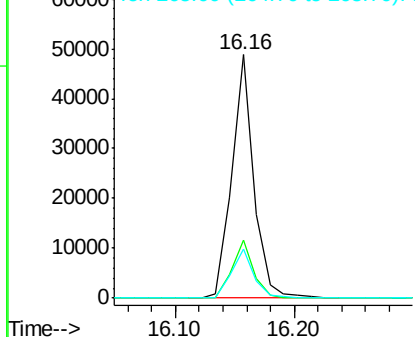


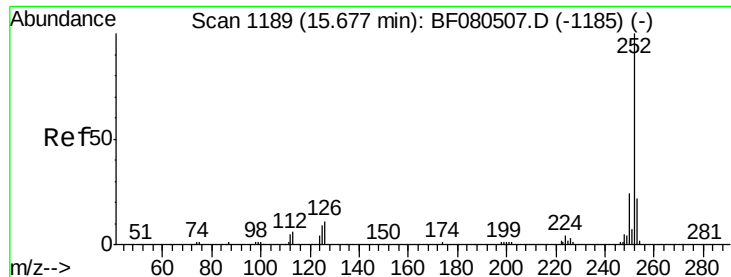
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.16 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: BF080516.D
 Acq: 16 Jul 2015 18:18

Tgt Ion:264 Resp: 62455
 Ion Ratio Lower Upper
 264 100
 260 23.8 16.7 25.1
 265 20.2 17.2 25.8



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: 0.10 ng

RT: 15.69 min Scan# 1190

Delta R.T. 0.01 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

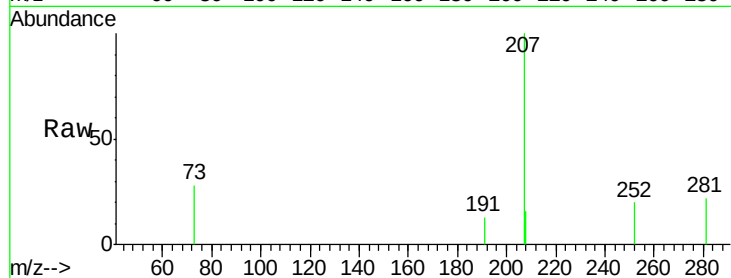
Tot Ion:252 Resp: 355

Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

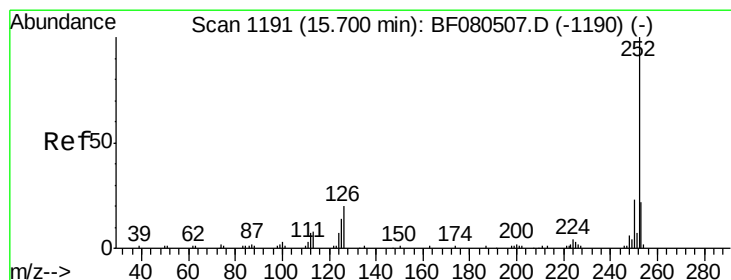
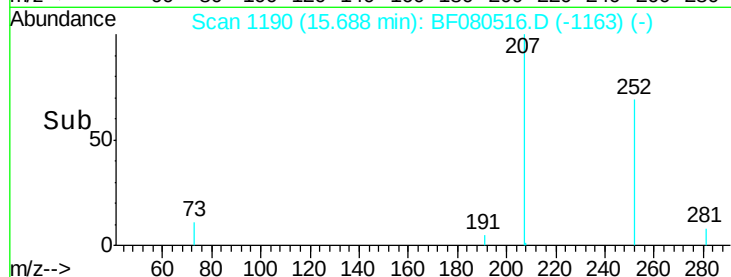
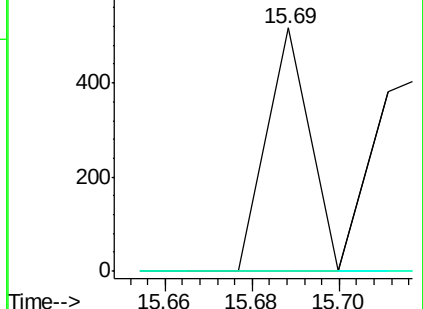
125 0.0 17.1 25.7#



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: 0.15 ng

RT: 15.72 min Scan# 1193

Delta R.T. 0.02 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

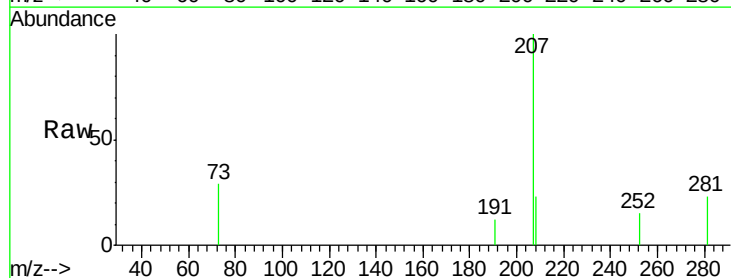
Tgt Ion:252 Resp: 553

Ion Ratio Lower Upper

252 100

253 0.0 17.0 25.4#

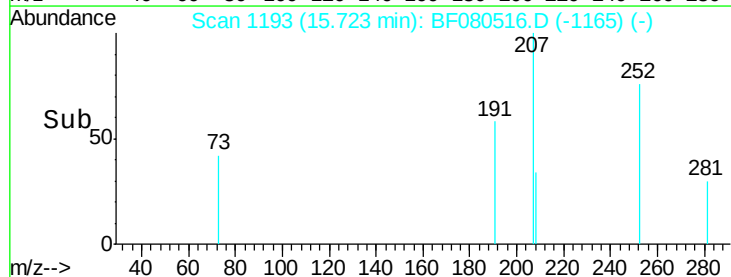
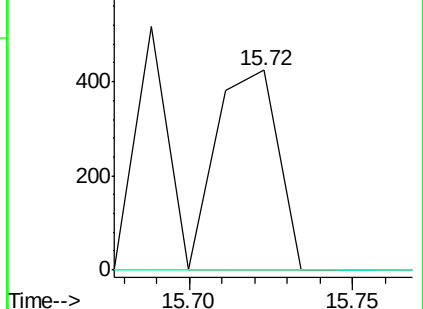
125 0.0 16.0 24.0#

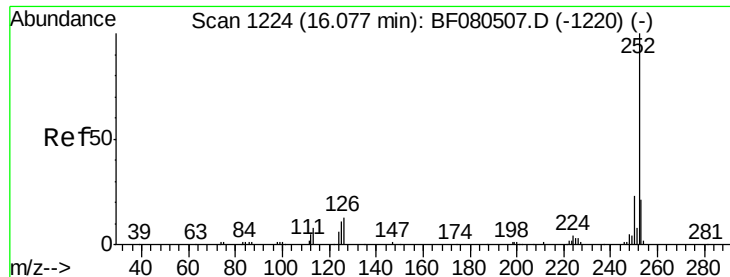


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.08 ng

RT: 16.09 min Scan# 1225

Delta R.T. 0.01 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

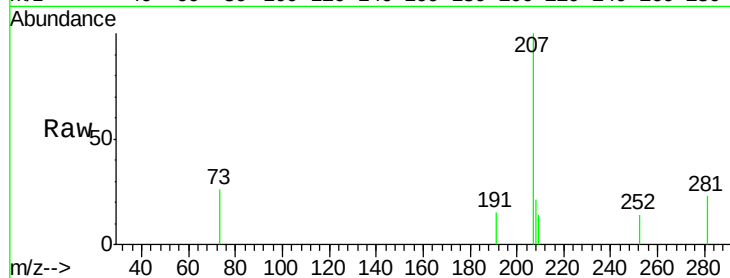
Tot Ion:252 Resp: 278

Ion Ratio Lower Upper

252 100

253 0.0 17.2 25.8#

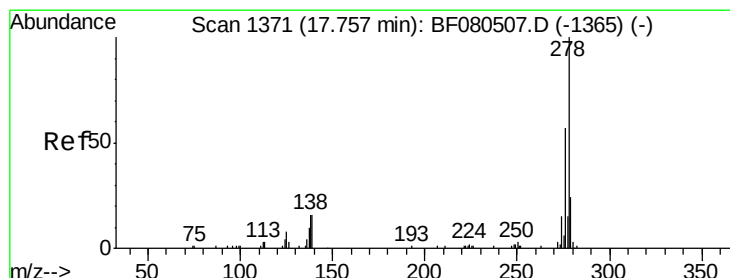
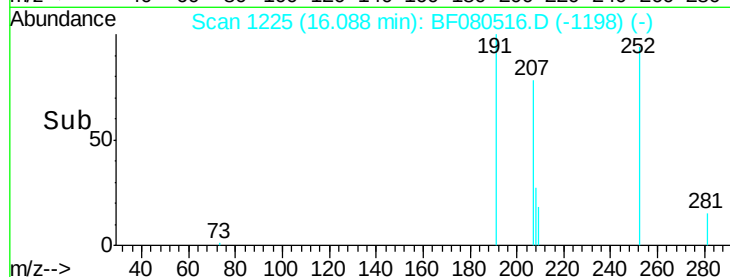
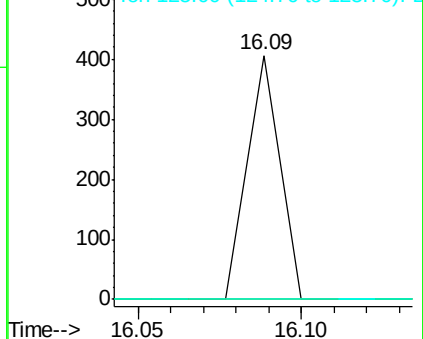
125 0.0 18.0 27.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 0.07 ng

RT: 17.77 min Scan# 1372

Delta R.T. 0.01 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

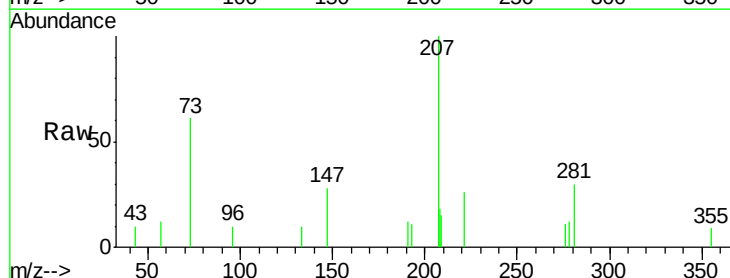
Tgt Ion:278 Resp: 271

Ion Ratio Lower Upper

278 100

139 0.0 26.3 39.5#

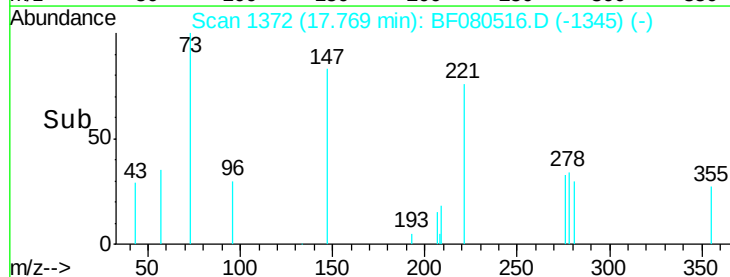
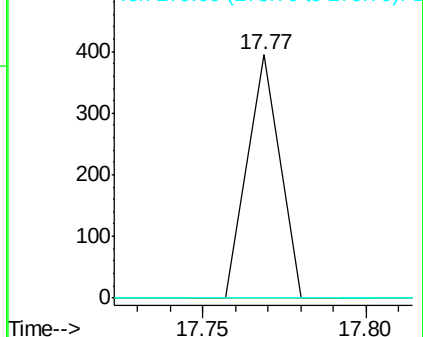
279 0.0 18.2 27.4#

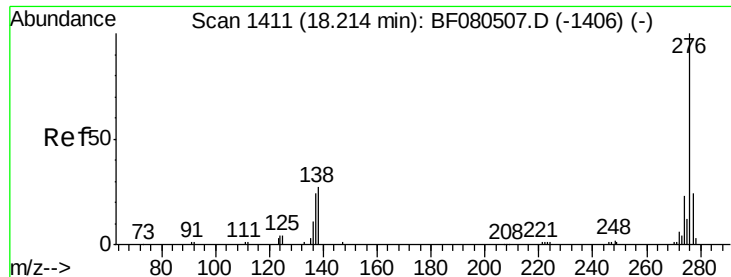


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.15 ng

RT: 18.24 min Scan# 1413

Delta R.T. 0.02 min

Lab File: BF080516.D

Acq: 16 Jul 2015 18:18

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04RE

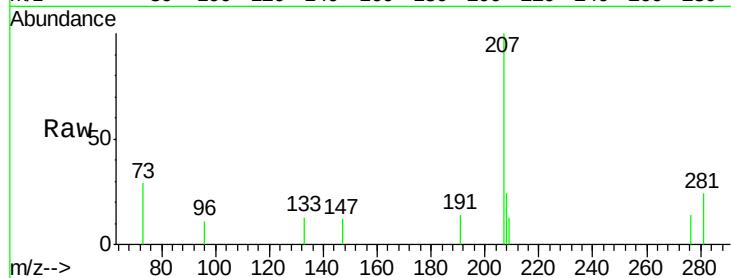
Tot Ion: 276 Resp: 569

Ion Ratio Lower Upper

276 100

277 0.0 17.8 26.6#

138 0.0 34.6 51.8#



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

