

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005608.D
 Acq On : 23 May 2016 04:08
 Operator : UM/SJ
 Sample : H3086-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGG9

Quant Time: May 23 05:38:23 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	67215	20.00	ng/ul	0.02
18) Naphthalene-d8	10.62	136	288891	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.49	164	156021	20.00	ng/ul	0.04
61) Phenanthrene-d10	17.23	188	318723	20.00	ng/ul	0.05
75) Chrysene-d12	21.42	240	296868	20.00	ng/ul	0.05
83) Perylene-d12	23.62	264	290645	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	1879	1.22	ng/uL	0.00
5) Phenol-d5	7.01	99	97087	17.62	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.16	67	53243	16.68	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	81870	17.81	ng/ul	0.02
13) 4-Methylphenol-d8	8.55	113	86381	19.13	ng/ul	0.03
19) Nitrobenzene-d5	8.99	128	43752	19.81	ng/ul	0.02
22) 2-Nitrophenol-d4	9.70	143	43787	18.01	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.26	165	96627	21.10	ng/ul	0.03
29) 4-Chloroaniline-d4	10.73	131	268192	58.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	263882	20.72	ng/ul	0.03
46) Acenaphthylene-d8	14.18	160	397785	24.98	ng/ul	0.04
51) 4-Nitrophenol-d4	14.71	143	93942	39.00	ng/ul	0.06
57) Fluorene-d10	15.48	176	254386	22.96	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	15.59	200	14630	7.98	ng/ul	0.03
70) Anthracene-d10	17.33	188	345410	22.75	ng/ul	0.04
76) Pyrene-d10	19.62	212	349509	26.00	ng/ul	0.05
87) Benzo(a)pyrene-d12	23.62	264	285570	21.04	ng/ul	0.12

Target Compounds

					Qvalue
6) Phenol	7.04	94	7521	1.33 ng/ul	92
14) Acetophenone	8.62	105	11999	1.77 ng/ul#	44
17) Hexachloroethane	8.92	117	6200	3.36 ng/ul#	5
21) Isophorone	9.54	82	10490	1.05 ng/ul#	1
23) 2-Nitrophenol	9.74	139	2830	1.08 ng/ul#	1
28) Naphthalene	10.67	128	28503	1.96 ng/ul#	1
32) Caprolactam	11.54	113	33120	21.98 ng/ul#	1
34) 2-Methylnaphthalene	12.29	142	677593	63.81 ng/ul	100
38) 2,4,6-Trichlorophenol	12.93	196	6792	1.96 ng/ul#	13
40) 1,1'-Biphenyl	13.32	154	47471	3.62 ng/ul#	70
41) 2-Chloronaphthalene	13.32	162	26176	2.59 ng/ul#	1
42) 2-Nitroaniline	13.58	65	17773	5.85 ng/ul#	34
44) Dimethylphthalate	13.93	163	68926	5.48 ng/ul#	56
47) Acenaphthylene	14.21	152	169629	10.49 ng/ul#	1
48) 3-Nitroaniline	14.39	138	2975	1.26 ng/ul#	71
49) Acenaphthene	14.55	153	621628	58.27 ng/ul	95
52) 4-Nitrophenol	14.71	109	6262	2.59 ng/ul#	4
53) Dibenzofuran	14.89	168	144705	9.50 ng/ul#	1
54) 2,4-Dinitrotoluene	14.90	165	203436	54.79 ng/ul#	59
58) Fluorene	15.54	166	483735	39.68 ng/ul#	87
63) 4,6-Dinitro-2-methylphenol	15.57	198	4191	2.18 ng/ul#	1
64) N-Nitrosodiphenylamine	15.75	169	1078845	111.55 ng/ul#	59
67) Atrazine	16.69	200	5555	1.54 ng/ul#	1

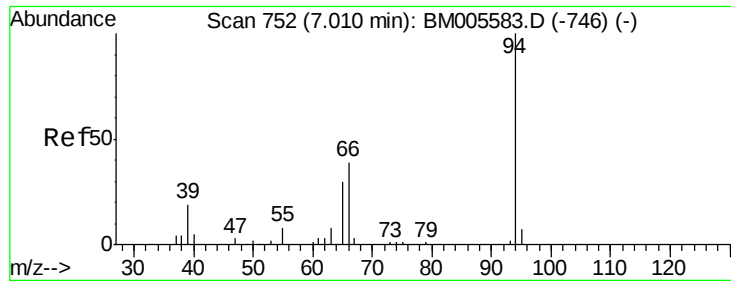
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Phenanthrene	17.27	178	1265556	71.05	ng/ul#	94
71) Anthracene	17.36	178	45092	2.48	ng/ul#	46
72) Carbazole	17.63	167	22920	1.45	ng/ul#	1
73) Di-n-butylphthalate	18.18	149	61838	3.23	ng/ul#	50
74) Fluoranthene	19.29	202	142528	7.11	ng/ul#	90
77) Pyrene	19.65	202	559525	32.79	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.34	252	11721	2.18	ng/ul#	1
80) Benzo(a)anthracene	21.40	228	139962	8.02	ng/ul#	30
81) Bis(2-ethylhexyl)phthalate	21.32	149	49903	4.91	ng/ul#	64
82) Chrysene	21.45	228	243469	14.67	ng/ul#	64
84) Di-n-octyl phthalate	22.14	149	76018	4.56	ng/ul#	1

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



#6

Phenol

Concen: 1.33 ng/ul

RT: 7.04 min Scan# 757

Delta R.T. 0.03 min

Lab File: BM005608.D

Acq: 23 May 2016 04:08

Instrument :

BNA_M

ClientSampleId :

JHGG9

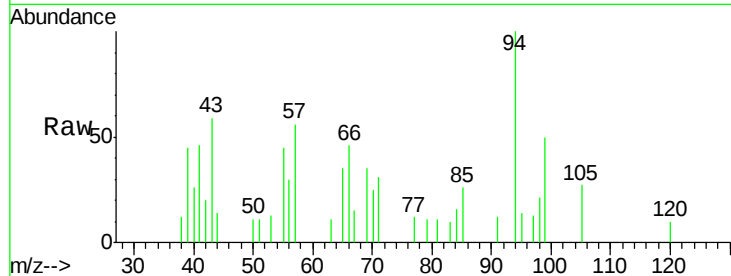
Tgt Ion: 94 Resp: 7521

Ion Ratio Lower Upper

94 100

65 35.2 24.2 36.2

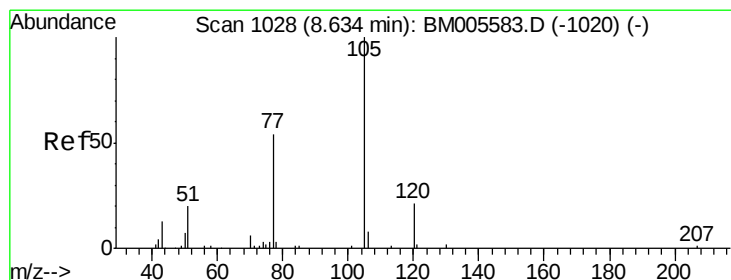
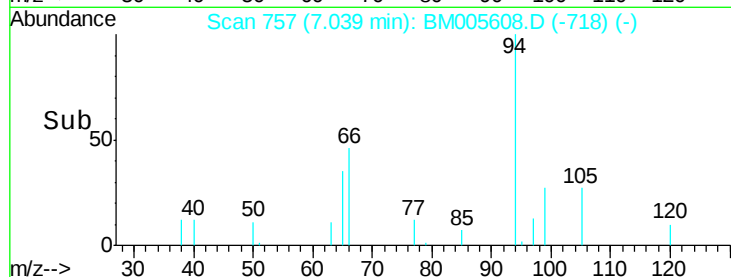
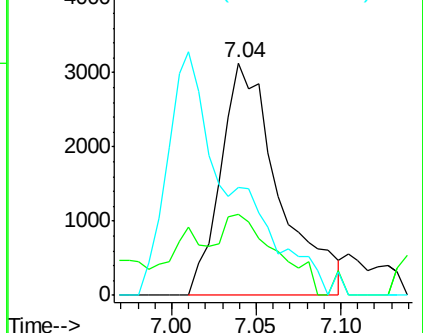
66 46.4 33.9 50.9



Abundance Ion 94.00 (93.70 to 94.70): BM005583.D (-746) (-)

Ion 65.00 (64.70 to 65.70): BM005583.D (-746) (-)

Ion 66.00 (65.70 to 66.70): BM005583.D (-746) (-)



#14

Acetophenone

Concen: 1.77 ng/ul

RT: 8.62 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BM005608.D

Acq: 23 May 2016 04:08

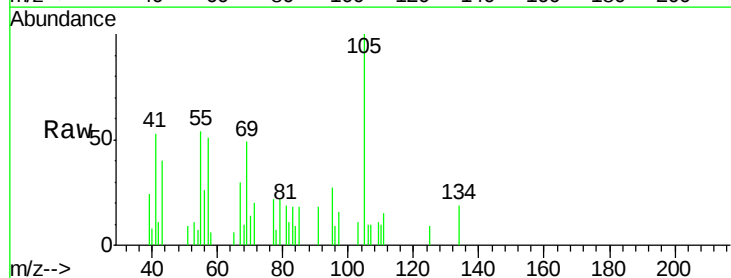
Tgt Ion: 105 Resp: 11999

Ion Ratio Lower Upper

105 100

77 22.1 60.8 91.2#

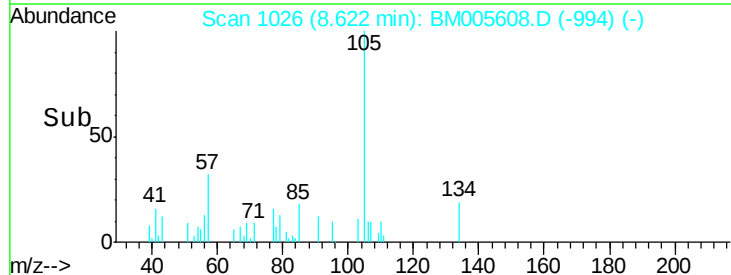
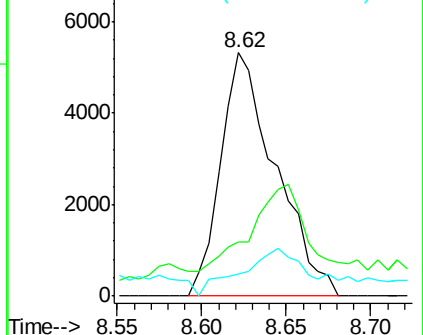
51 8.9 22.2 33.2#

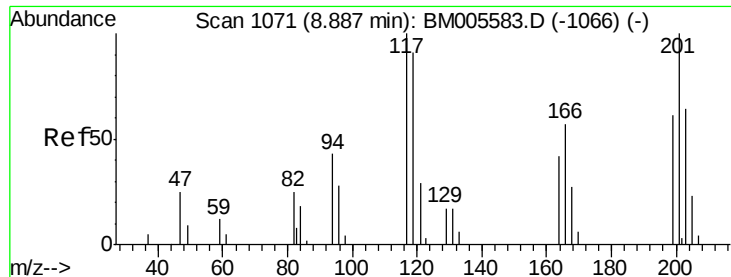


Abundance Ion 105.00 (104.70 to 105.70): BM005583.D (-1020) (-)

Ion 77.00 (76.70 to 77.70): BM005583.D (-1020) (-)

Ion 51.00 (50.70 to 51.70): BM005583.D (-1020) (-)





#17

Hexachloroethane

Concen: 3.36 ng/ul

RT: 8.92 min Scan# 1077

Delta R.T. 0.03 min

Lab File: BM005608.D

Acq: 23 May 2016 04:08

Instrument :

BNA_M

ClientSampleId :

JHGG9

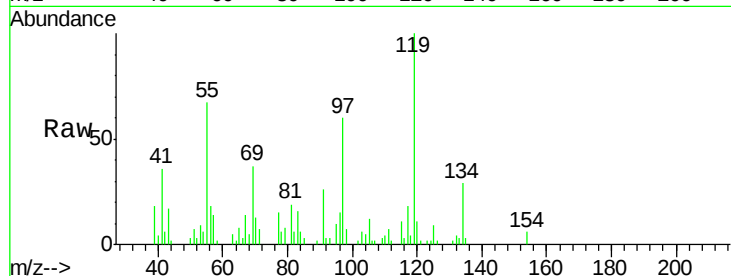
Tgt Ion: 117 Resp: 6200

Ion Ratio Lower Upper

117 100

201 0.0 84.8 127.2#

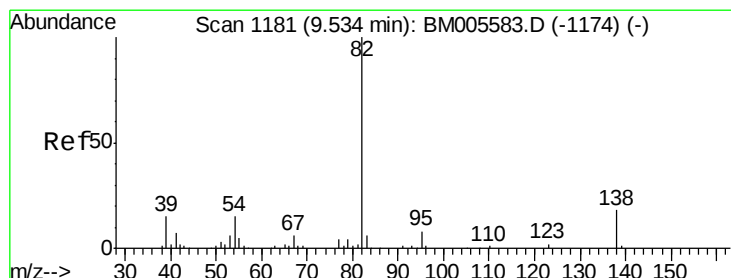
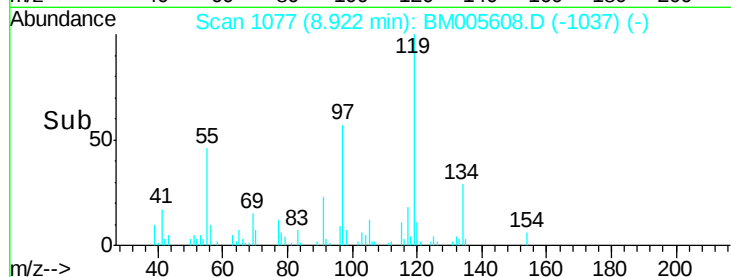
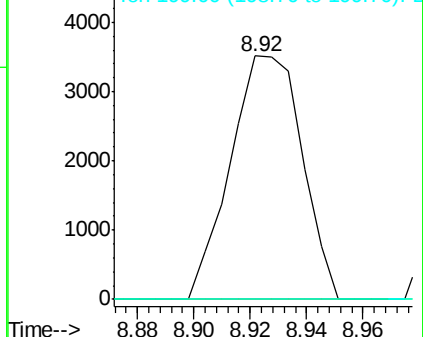
199 0.0 50.5 75.7#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#21

Isophorone

Concen: 1.05 ng/ul

RT: 9.54 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BM005608.D

Acq: 23 May 2016 04:08

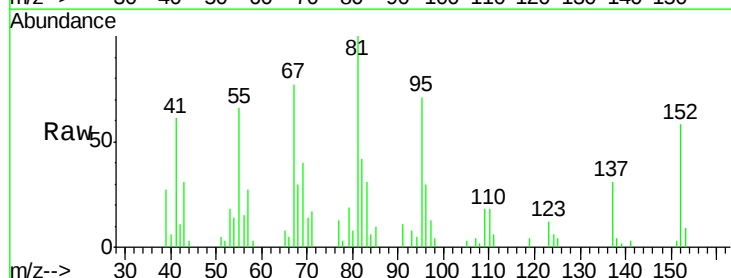
Tgt Ion: 82 Resp: 10490

Ion Ratio Lower Upper

82 100

95 171.4 6.4 9.6#

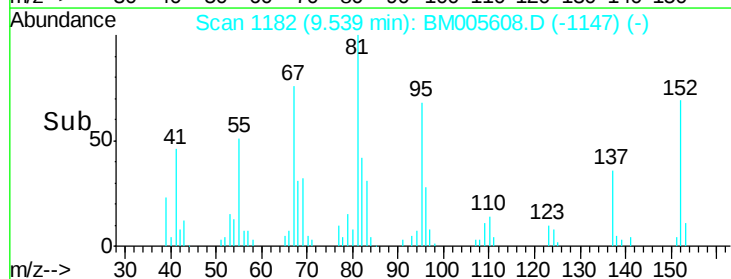
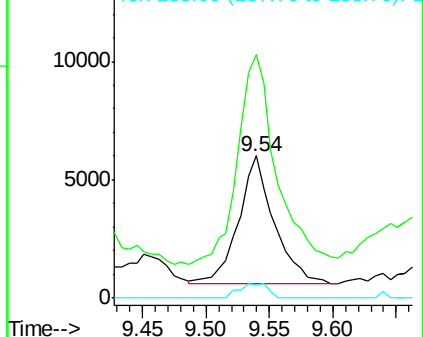
138 9.7 13.8 20.6#

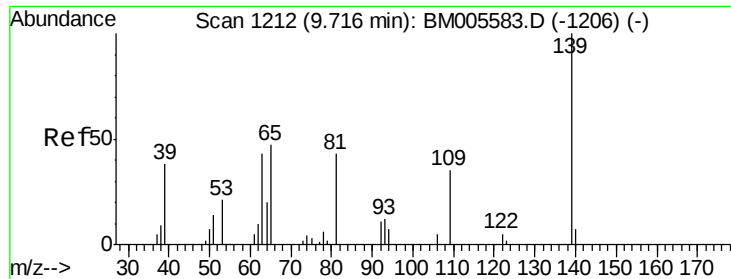


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 138.00 (137.70 to 138.70): E

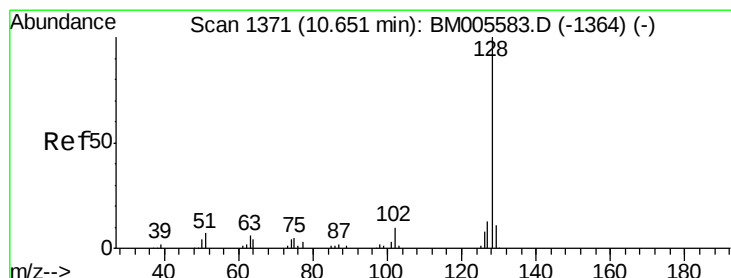
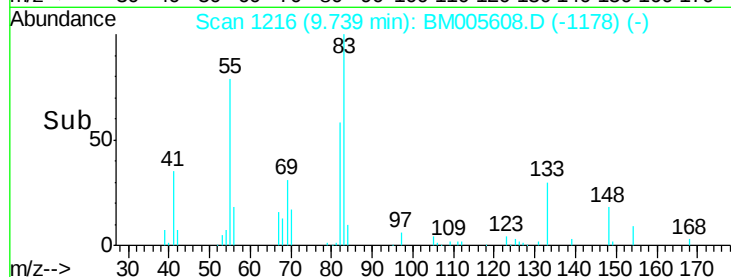
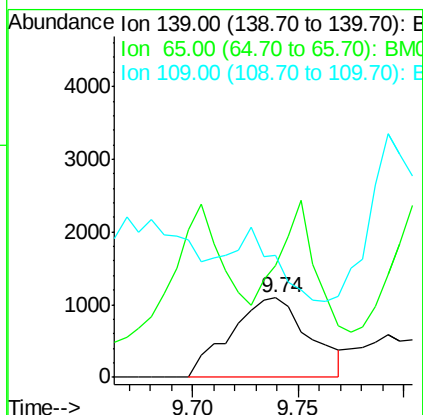
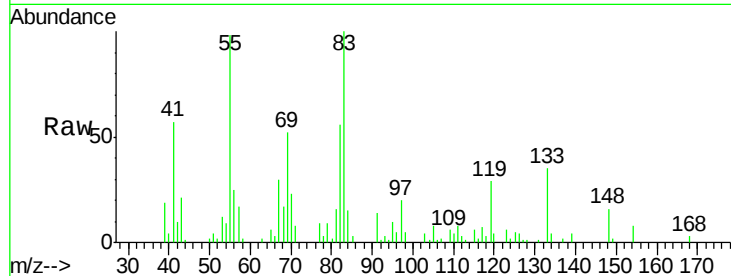




#23
 2-Nitrophenol
 Concen: 1.08 ng/ul
 RT: 9.74 min Scan# 1216
 Delta R.T. 0.02 min
 Lab File: BM005608.D
 Acq: 23 May 2016 04:08

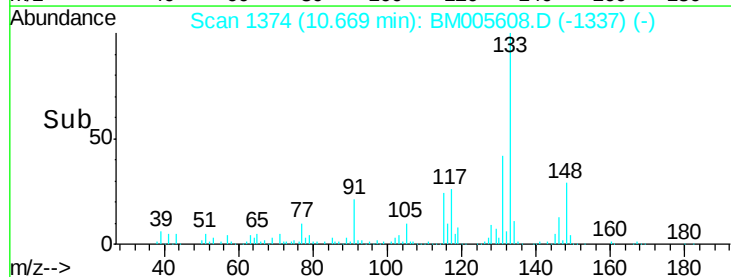
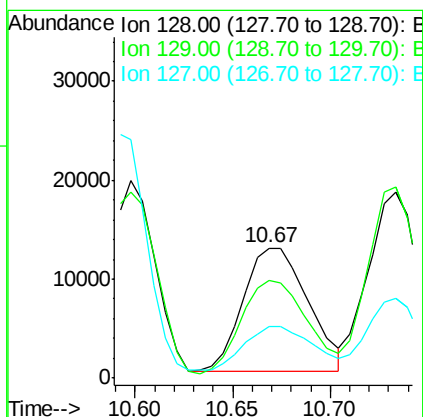
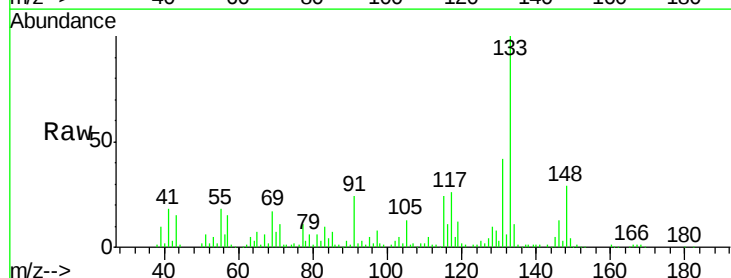
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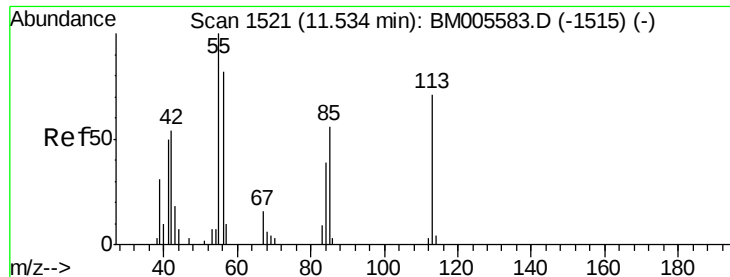
Tgt Ion:139 Resp: 2830
 Ion Ratio Lower Upper
 139 100
 65 140.1 45.2 67.8#
 109 154.4 30.8 46.2#



#28
 Naphthalene
 Concen: 1.96 ng/ul
 RT: 10.67 min Scan# 1374
 Delta R.T. 0.02 min
 Lab File: BM005608.D
 Acq: 23 May 2016 04:08

Tgt Ion:128 Resp: 28503
 Ion Ratio Lower Upper
 128 100
 129 75.1 8.6 13.0#
 127 40.0 10.6 15.8#





#32

Caprolactam

Concen: 21.98 ng/ul

RT: 11.54 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BM005608.D

Acq: 23 May 2016 04:08

Instrument :

BNA_M

ClientSampleId :

JHGG9

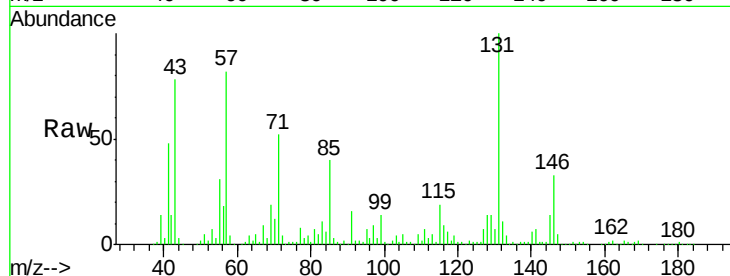
Tgt Ion:113 Resp: 33120

Ion Ratio Lower Upper

113 100

55 612.4 124.6 187.0#

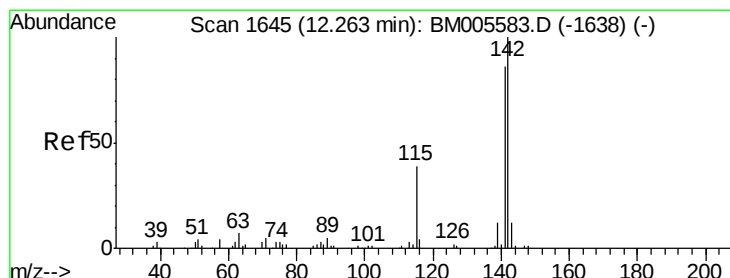
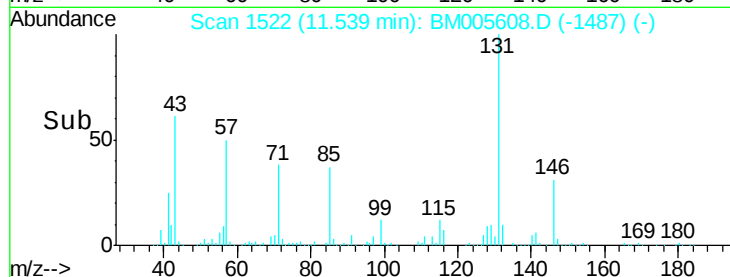
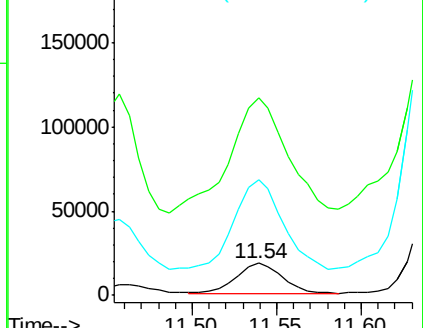
56 360.0 95.2 142.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#34

2-Methylnaphthalene

Concen: 63.81 ng/ul

RT: 12.29 min Scan# 1650

Delta R.T. 0.03 min

Lab File: BM005608.D

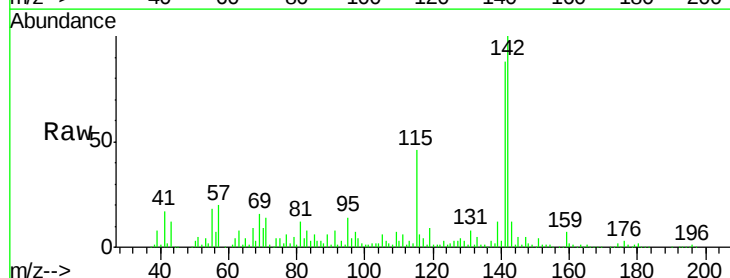
Acq: 23 May 2016 04:08

Tgt Ion:142 Resp: 677593

Ion Ratio Lower Upper

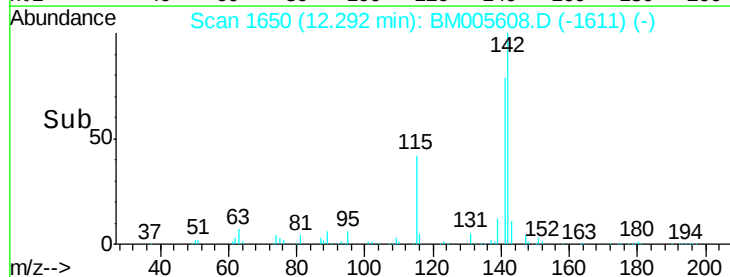
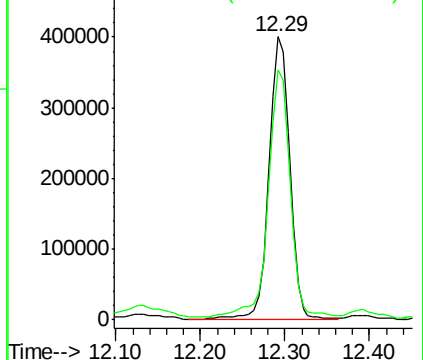
142 100

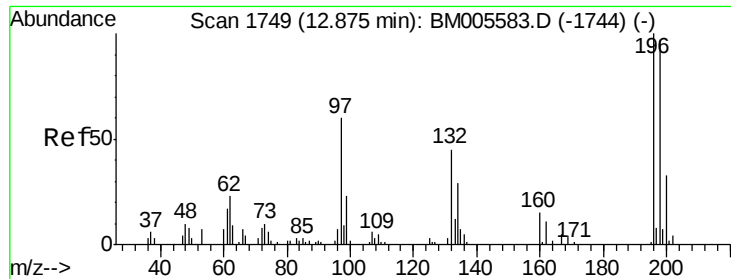
141 88.5 70.6 106.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

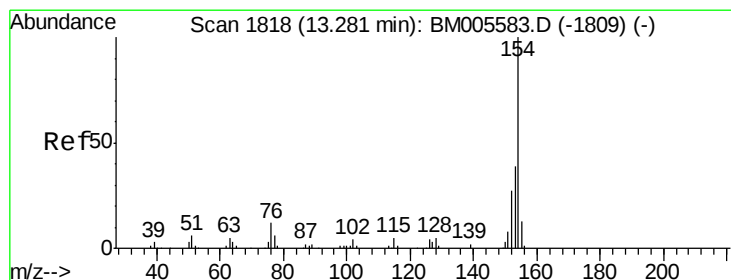
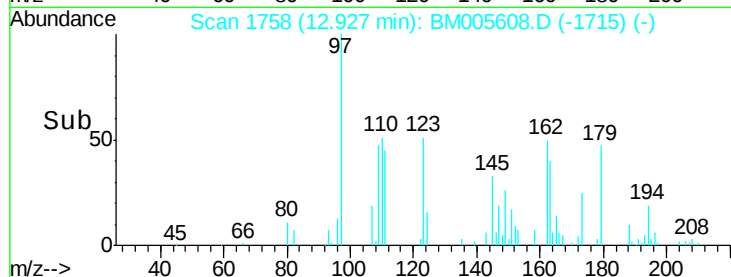
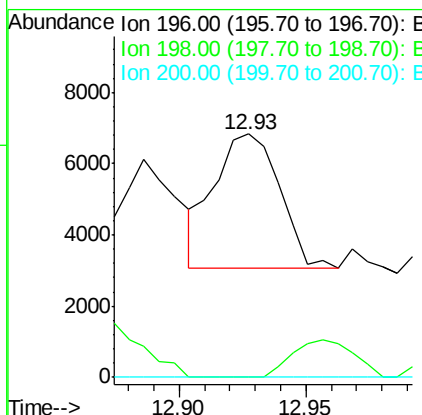
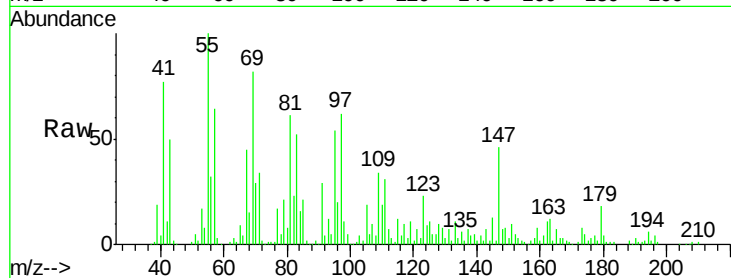




#38
 2,4,6-Trichlorophenol
 Concen: 1.96 ng/ul
 RT: 12.93 min Scan# 1758
 Delta R.T. 0.05 min
 Lab File: BM005608.D
 Acq: 23 May 2016 04:08

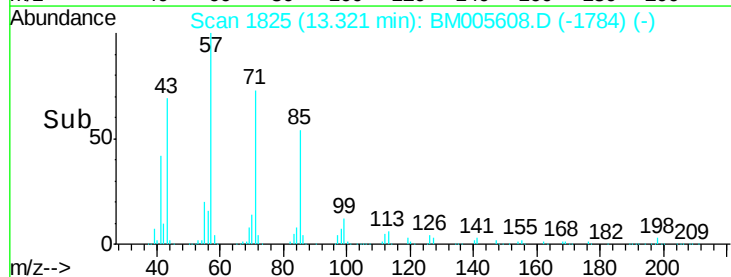
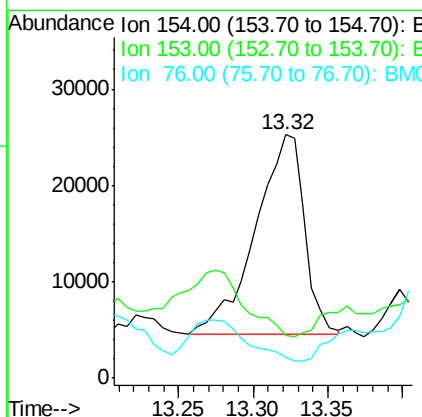
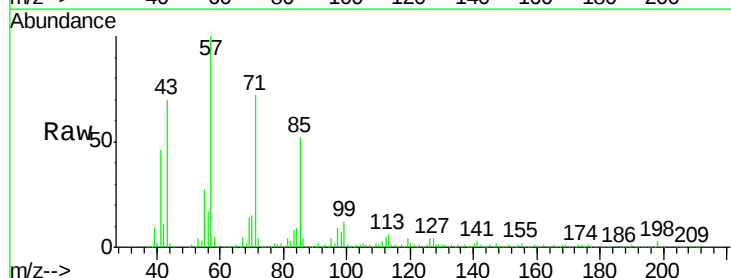
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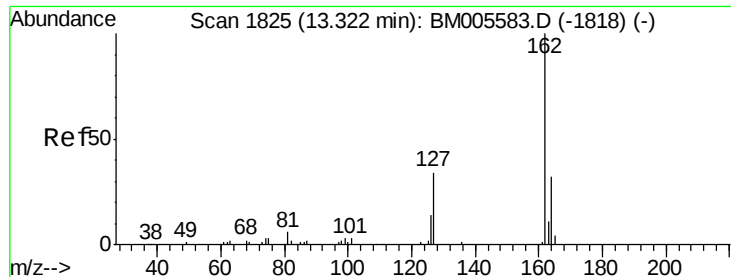
Tgt Ion:196 Resp: 6792
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.0 112.4#
 200 0.0 25.2 37.8#



#40
 1,1'-Biphenyl
 Concen: 3.62 ng/ul
 RT: 13.32 min Scan# 1825
 Delta R.T. 0.04 min
 Lab File: BM005608.D
 Acq: 23 May 2016 04:08

Tgt Ion:154 Resp: 47471
 Ion Ratio Lower Upper
 154 100
 153 17.6 31.7 47.5#
 76 8.6 10.1 15.1#

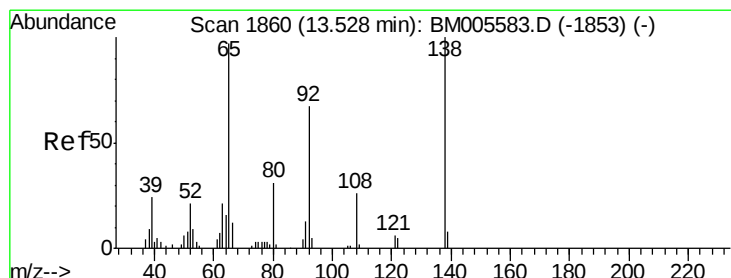
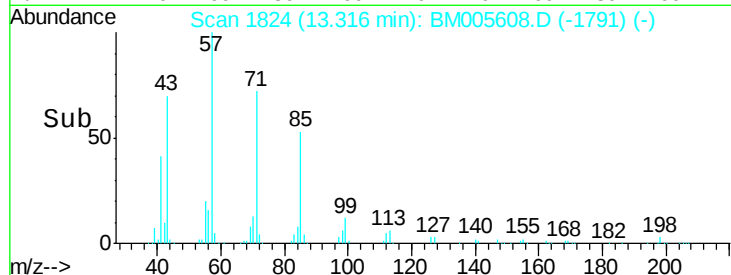
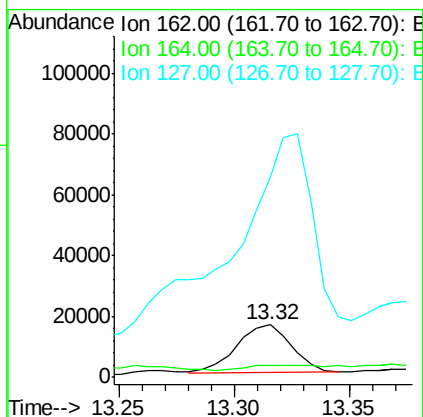
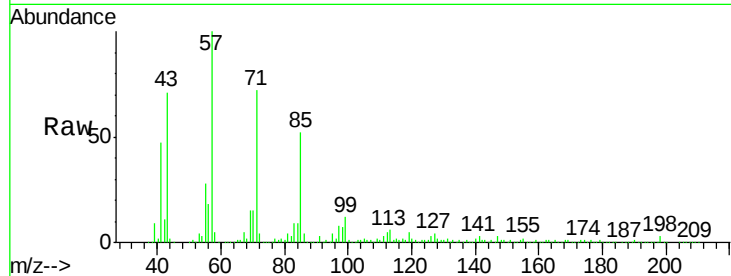




#41
 2-Chloronaphthalene
 Concen: 2.59 ng/ul
 RT: 13.32 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BM005608.D
 Acq: 23 May 2016 04:08

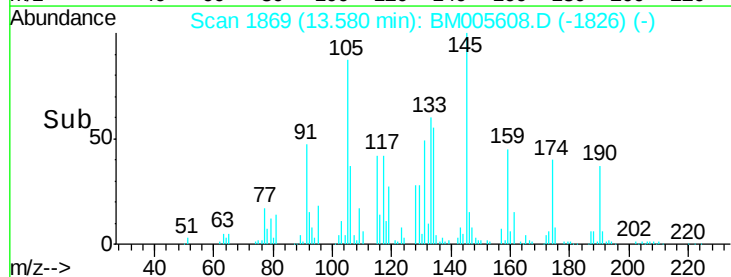
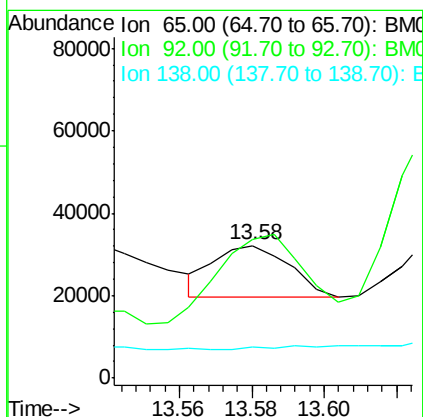
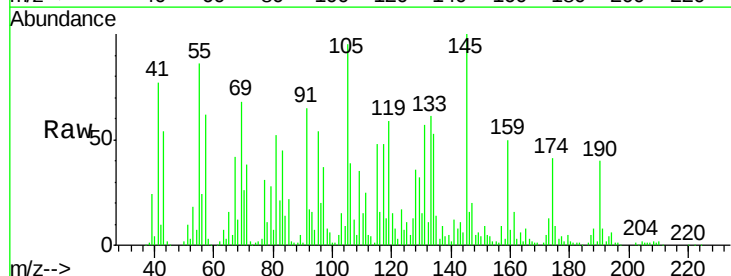
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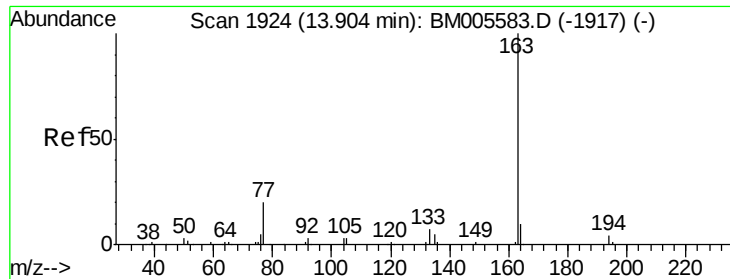
Tgt Ion: 162 Resp: 26176
 Ion Ratio Lower Upper
 162 100
 164 23.3 25.9 38.9#
 127 382.7 32.0 48.0#



#42
 2-Nitroaniline
 Concen: 5.85 ng/ul
 RT: 13.58 min Scan# 1869
 Delta R.T. 0.05 min
 Lab File: BM005608.D
 Acq: 23 May 2016 04:08

Tgt Ion: 65 Resp: 17773
 Ion Ratio Lower Upper
 65 100
 92 104.8 53.6 80.4#
 138 23.7 82.6 124.0#

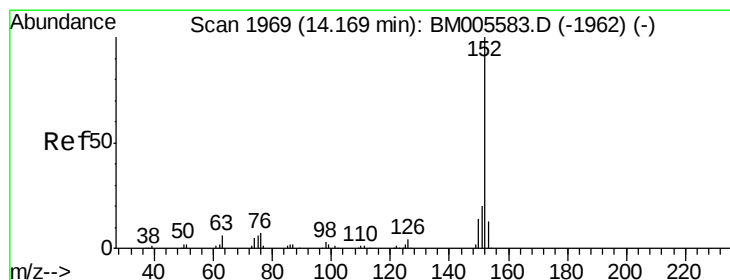
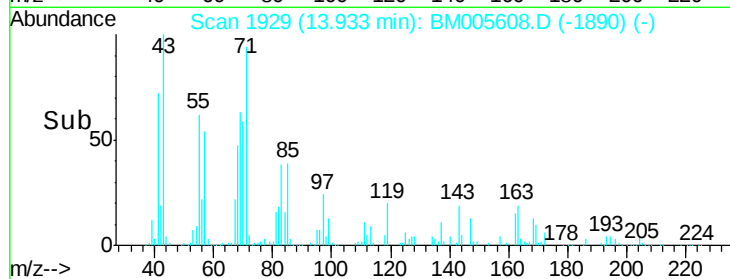
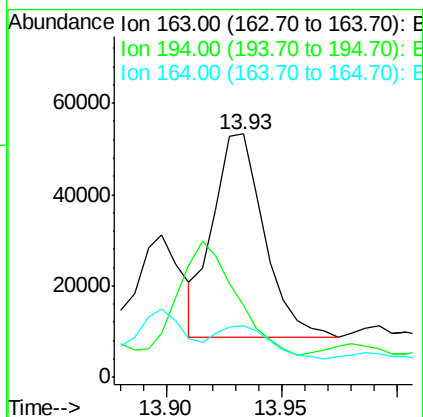
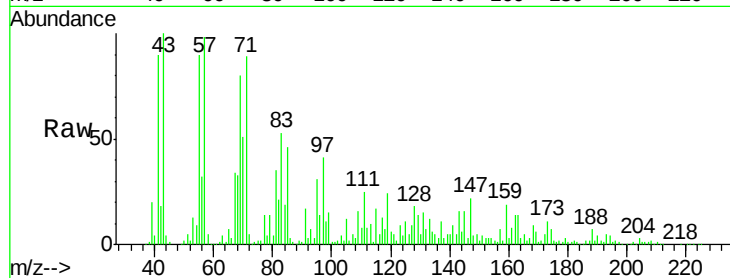




#44
Dimethylphthalate
Concen: 5.48 ng/ul
RT: 13.93 min Scan# 1929
Delta R.T. 0.03 min
Lab File: BM005608.D
Acq: 23 May 2016 04:08

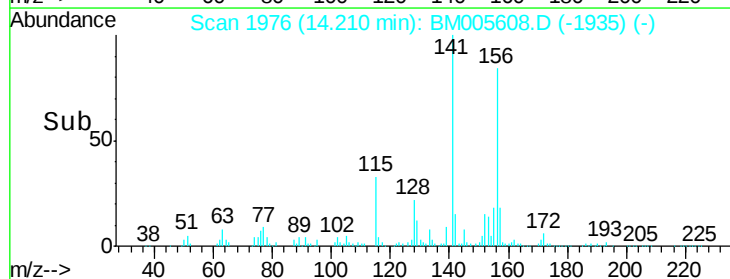
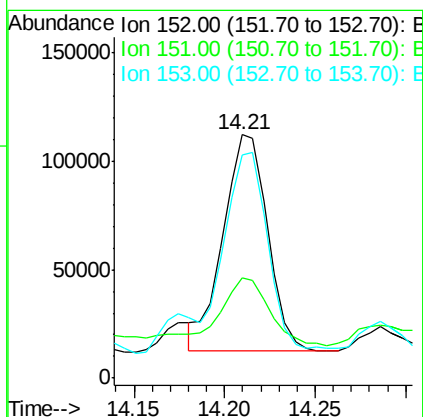
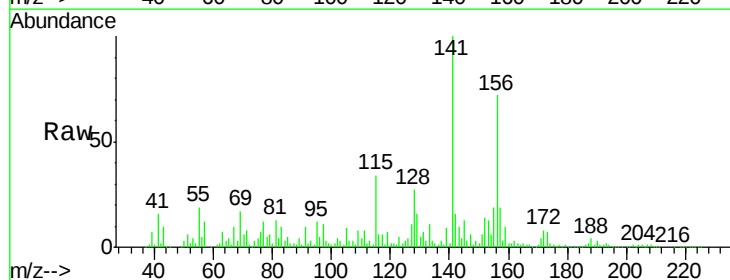
Instrument :
BNA_M
ClientSampleId :
JHGG9

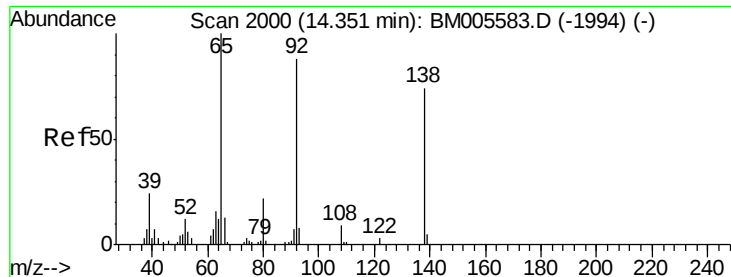
Tgt Ion:163 Resp: 68926
Ion Ratio Lower Upper
163 100
194 29.5 3.4 5.0#
164 21.3 8.0 12.0#



#47
Acenaphthylene
Concen: 10.49 ng/ul
RT: 14.21 min Scan# 1976
Delta R.T. 0.04 min
Lab File: BM005608.D
Acq: 23 May 2016 04:08

Tgt Ion:152 Resp: 169629
Ion Ratio Lower Upper
152 100
151 41.2 15.7 23.5#
153 91.5 10.5 15.7#

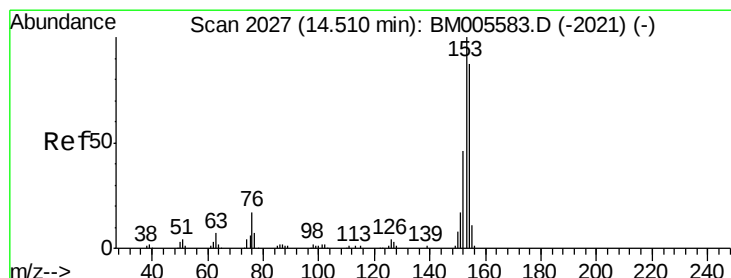
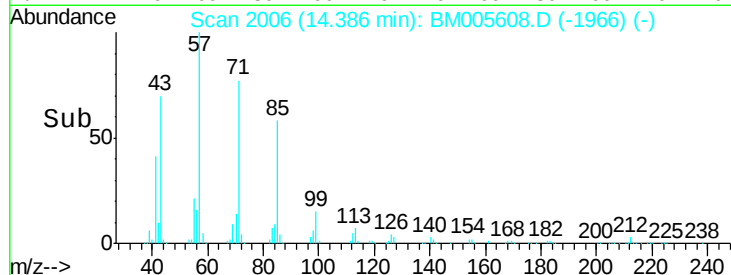
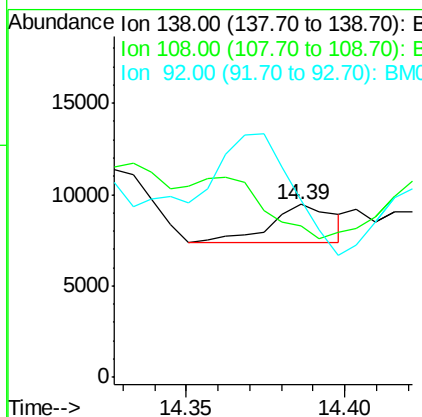
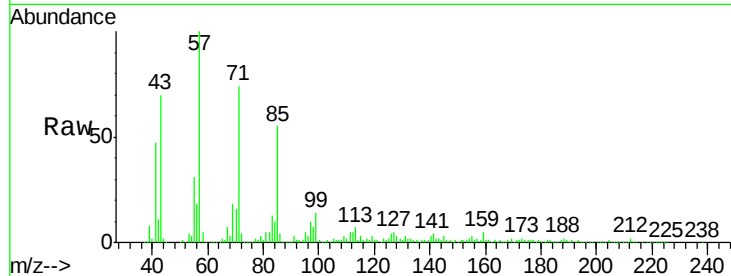




#48
3-Nitroaniline
Concen: 1.26 ng/ul
RT: 14.39 min Scan# 2006
Delta R.T. 0.03 min
Lab File: BM005608.D
Acq: 23 May 2016 04:08

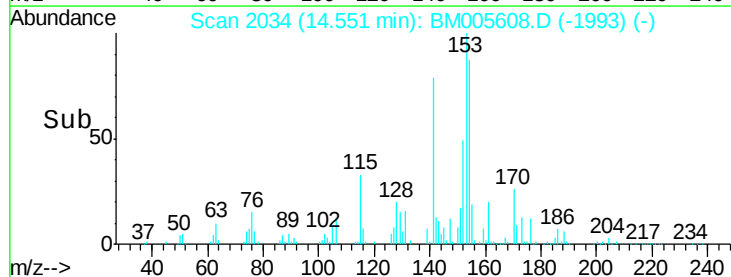
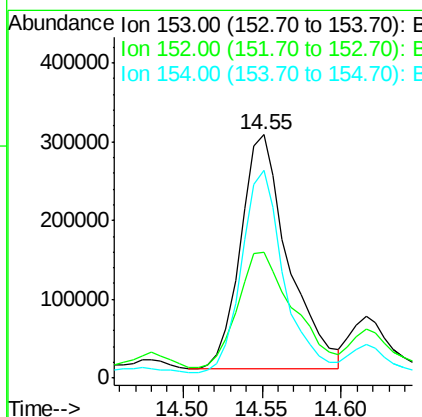
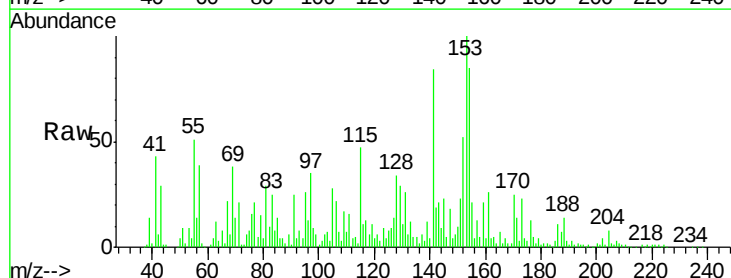
Instrument :
BNA_M
ClientSampleId :
JHGG9

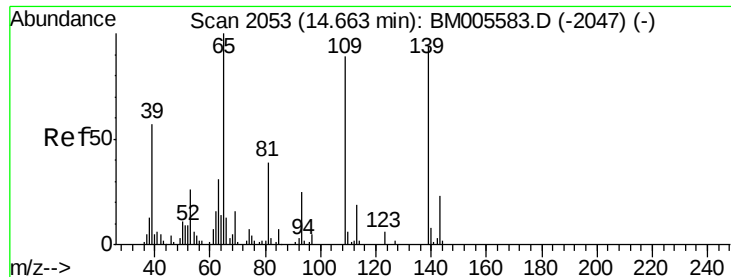
Tgt Ion:138 Resp: 2975
Ion Ratio Lower Upper
138 100
108 87.4 9.1 13.7#
92 102.1 92.8 139.2



#49
Acenaphthene
Concen: 58.27 ng/ul
RT: 14.55 min Scan# 2034
Delta R.T. 0.04 min
Lab File: BM005608.D
Acq: 23 May 2016 04:08

Tgt Ion:153 Resp: 621628
Ion Ratio Lower Upper
153 100
152 51.9 37.8 56.6
154 85.5 71.1 106.7

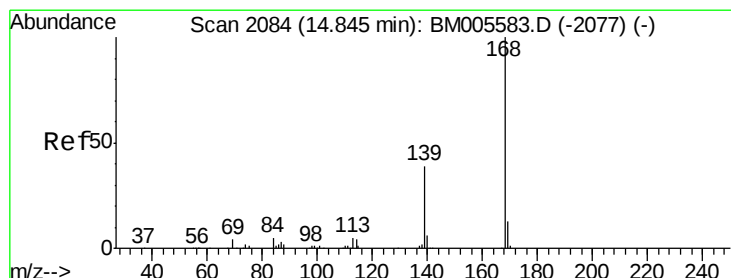
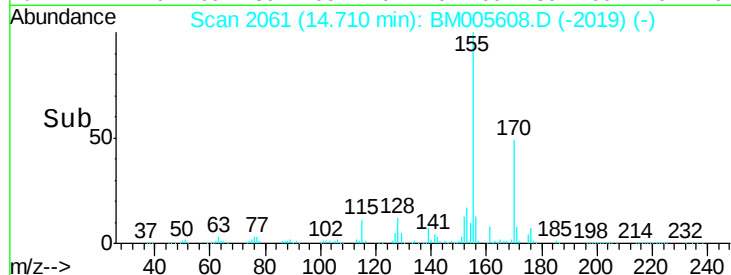
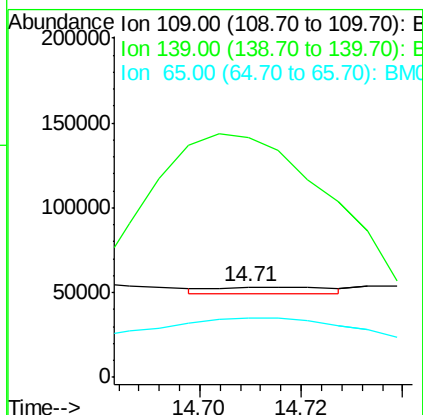
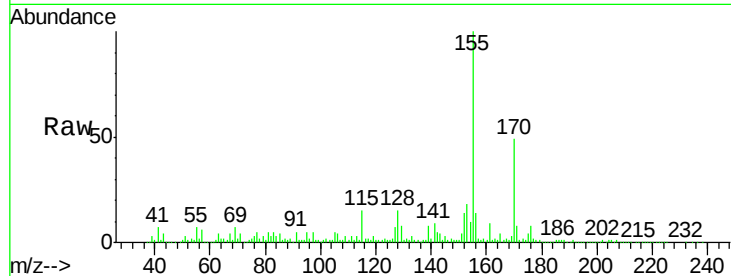




#52
4-Nitrophenol
Concen: 2.59 ng/ul
RT: 14.71 min Scan# 2061
Delta R.T. 0.05 min
Lab File: BM005608.D
Acq: 23 May 2016 04:08

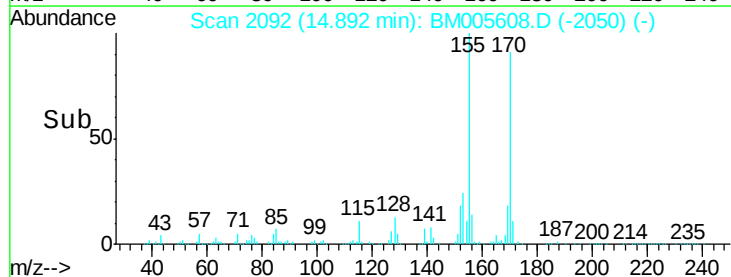
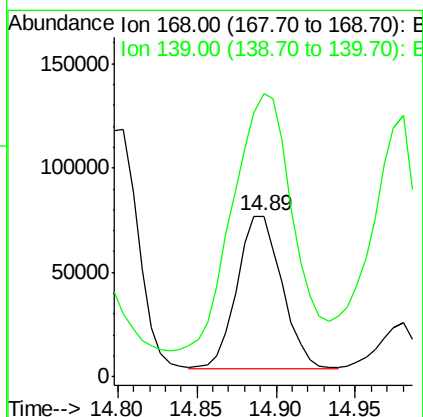
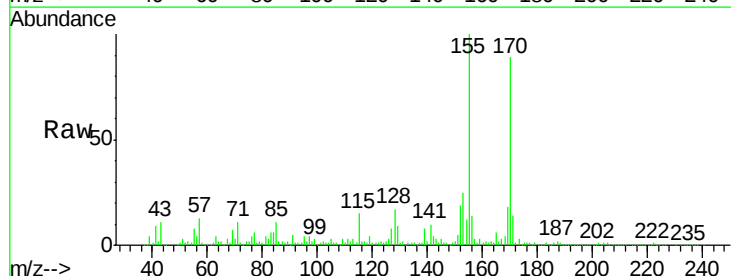
Instrument :
BNA_M
ClientSampleId :
JHGG9

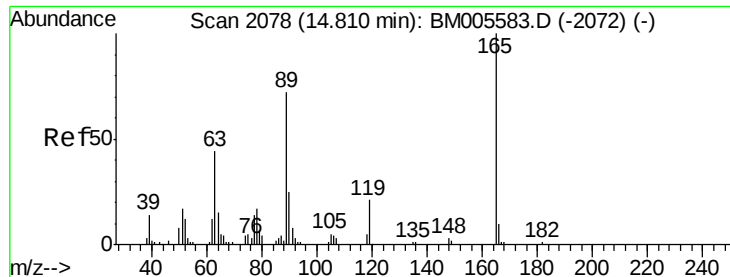
Tgt Ion:109 Resp: 6262
Ion Ratio Lower Upper
109 100
139 266.1 87.5 131.3#
65 65.3 90.2 135.2#



#53
Dibenzofuran
Concen: 9.50 ng/ul
RT: 14.89 min Scan# 2092
Delta R.T. 0.05 min
Lab File: BM005608.D
Acq: 23 May 2016 04:08

Tgt Ion:168 Resp: 144705
Ion Ratio Lower Upper
168 100
139 175.7 30.6 46.0#

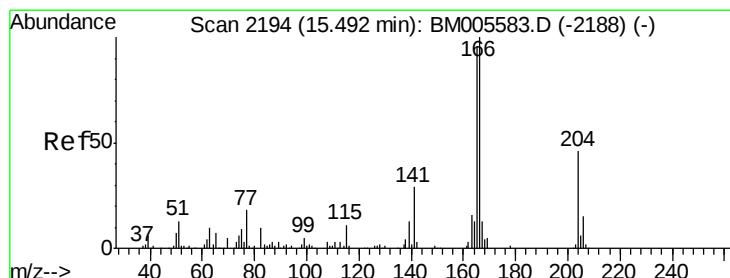
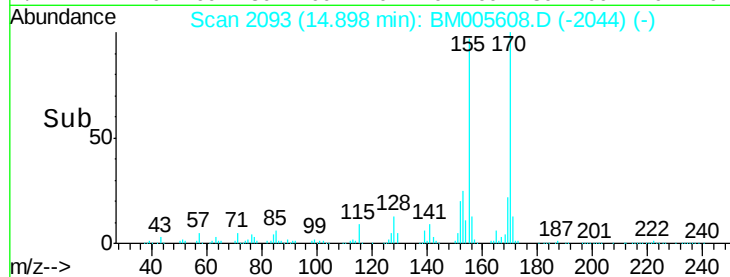
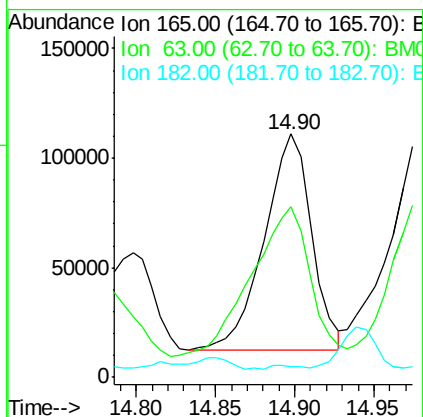
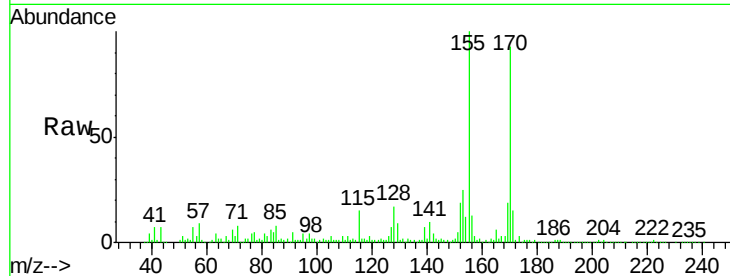




#54
2,4-Dinitrotoluene
Concen: 54.79 ng/ul
RT: 14.90 min Scan# 2093
Delta R.T. 0.09 min
Lab File: BM005608.D
Acq: 23 May 2016 04:08

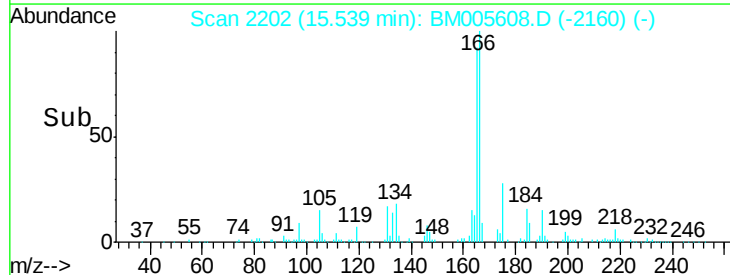
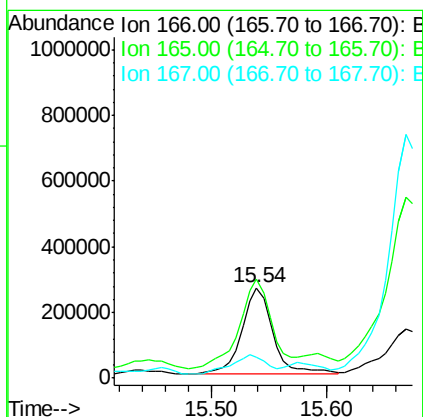
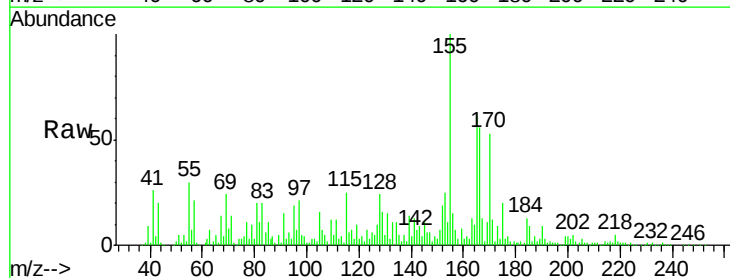
Instrument :
BNA_M
ClientSampleId :
JHGG9

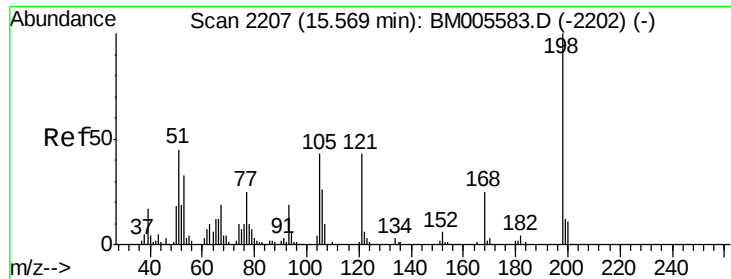
Tgt Ion:165 Resp: 203436
Ion Ratio Lower Upper
165 100
63 70.2 33.9 50.9#
182 4.6 2.3 3.5#



#58
Fluorene
Concen: 39.68 ng/ul
RT: 15.54 min Scan# 2202
Delta R.T. 0.05 min
Lab File: BM005608.D
Acq: 23 May 2016 04:08

Tgt Ion:166 Resp: 483735
Ion Ratio Lower Upper
166 100
165 108.9 78.0 117.0
167 23.5 10.5 15.7#

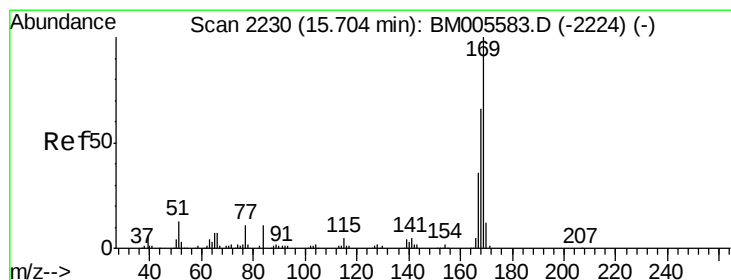
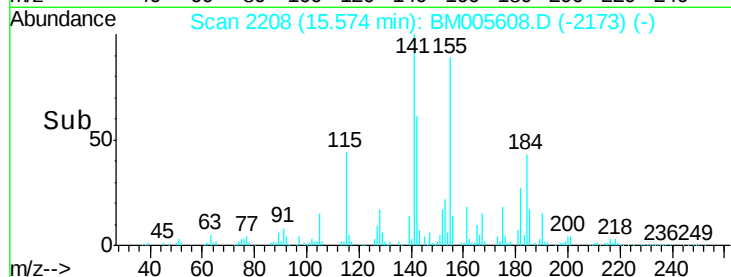
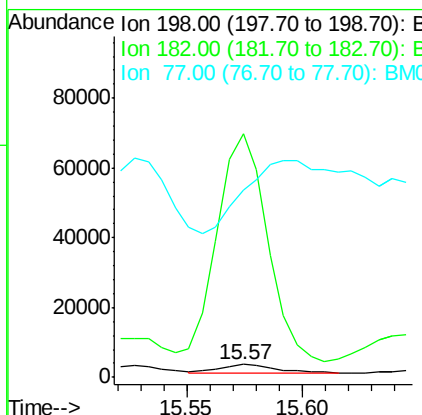
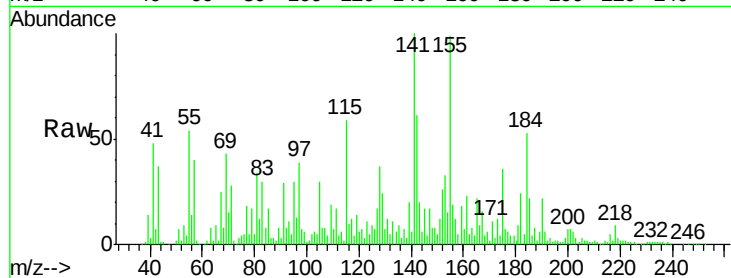




#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.18 ng/ul
 RT: 15.57 min Scan# 2208
 Delta R.T. 0.01 min
 Lab File: BM005608.D
 Acq: 23 May 2016 04:08

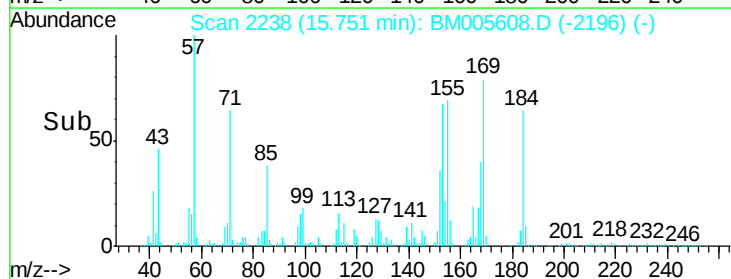
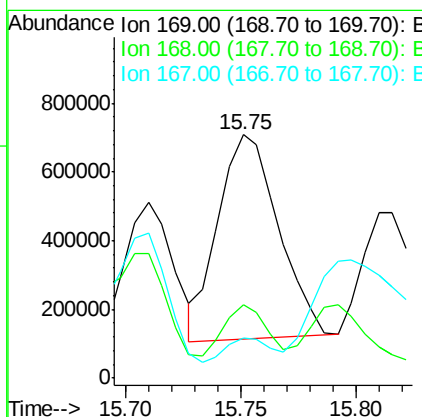
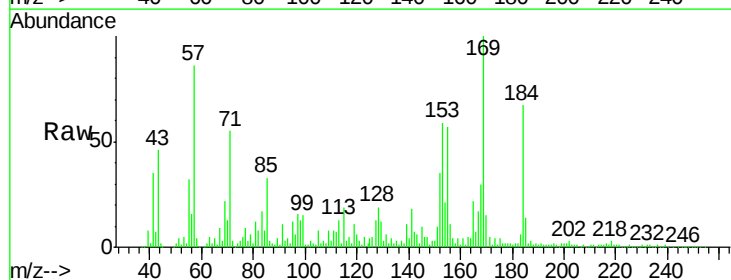
Instrument :
 BNA_M
 ClientSampleId :
 JHGG9

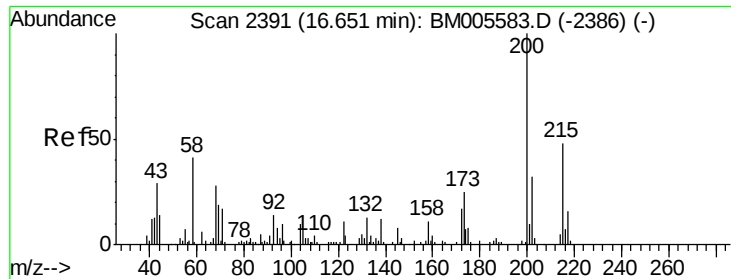
Tgt Ion:198 Resp: 4191
 Ion Ratio Lower Upper
 198 100
 182 1917.1 2.5 3.7#
 77 1470.5 21.8 32.8#



#64
 N-Nitrosodiphenylamine
 Concen: 111.55 ng/ul
 RT: 15.75 min Scan# 2238
 Delta R.T. 0.05 min
 Lab File: BM005608.D
 Acq: 23 May 2016 04:08

Tgt Ion:169 Resp: 1078845
 Ion Ratio Lower Upper
 169 100
 168 30.3 53.2 79.8#
 167 16.7 28.9 43.3#





#67

Atrazine

Concen: 1.54 ng/ul

RT: 16.69 min Scan# 2397

Delta R.T. 0.03 min

Lab File: BM005608.D

Acq: 23 May 2016 04:08

Instrument :

BNA_M

ClientSampleId :

JHGG9

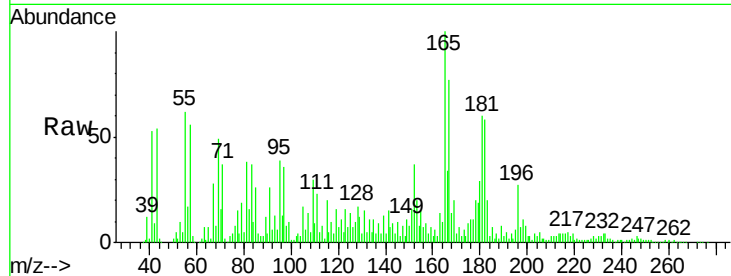
Tgt Ion:200 Resp: 5555

Ion Ratio Lower Upper

200 100

173 185.3 20.4 30.6#

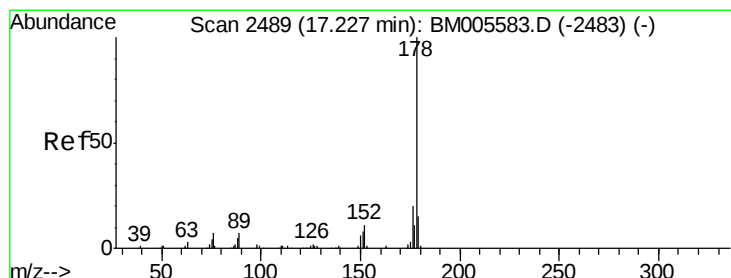
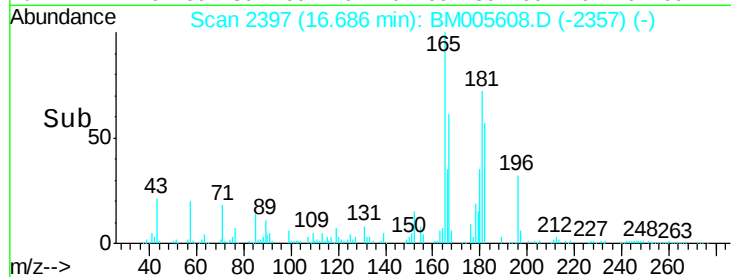
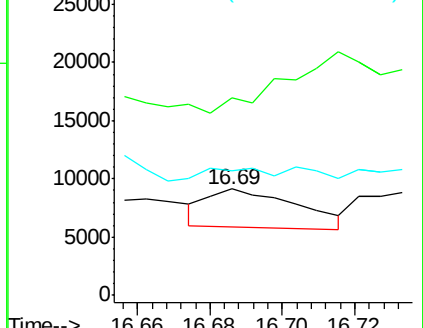
215 117.8 38.3 57.5#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Phenanthrene

Concen: 71.05 ng/ul

RT: 17.27 min Scan# 2497

Delta R.T. 0.05 min

Lab File: BM005608.D

Acq: 23 May 2016 04:08

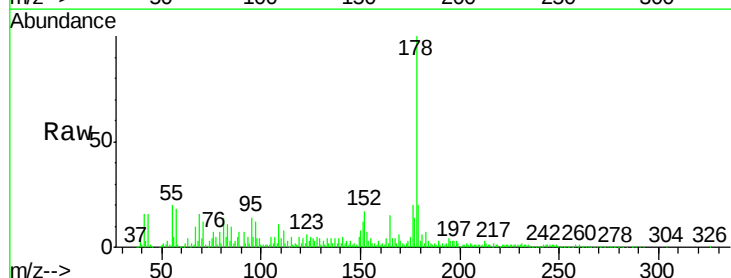
Tgt Ion:178 Resp: 1265556

Ion Ratio Lower Upper

178 100

179 20.5 12.2 18.2#

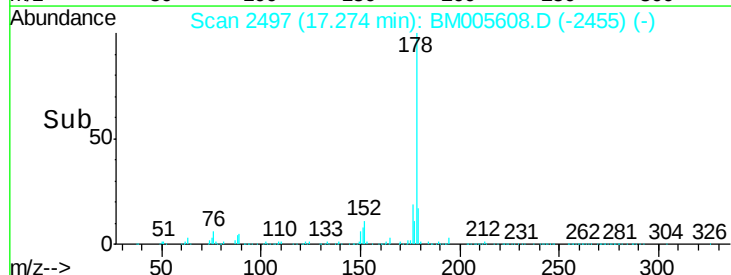
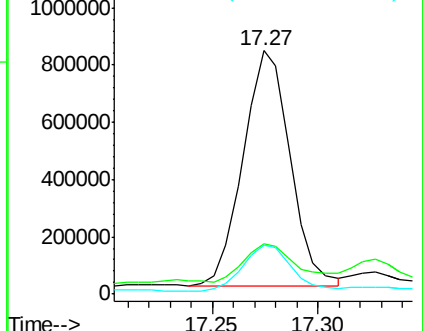
176 20.3 15.8 23.6

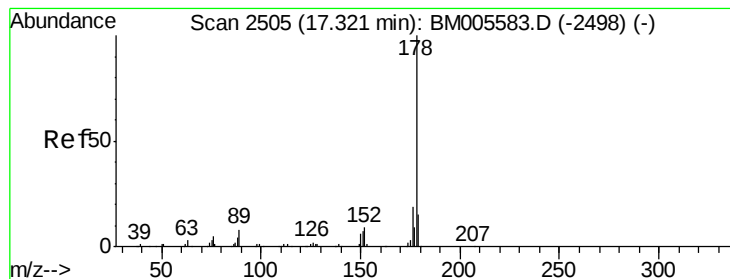


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 2.48 ng/ul

RT: 17.36 min Scan# 2512

Delta R.T. 0.04 min

Lab File: BM005608.D

Acq: 23 May 2016 04:08

Instrument :

BNA_M

ClientSampleId :

JHGG9

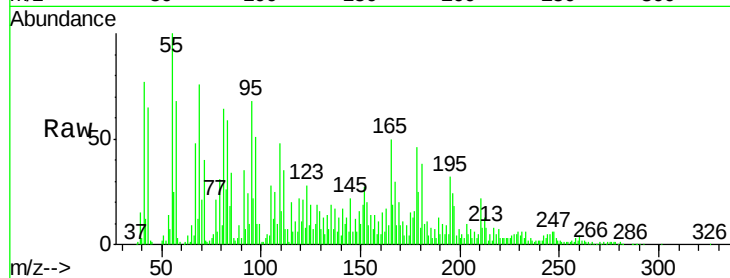
Tgt Ion:178 Resp: 45092

Ion Ratio Lower Upper

178 100

179 54.0 12.6 18.8#

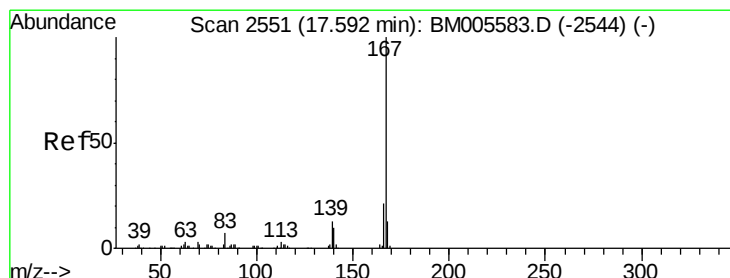
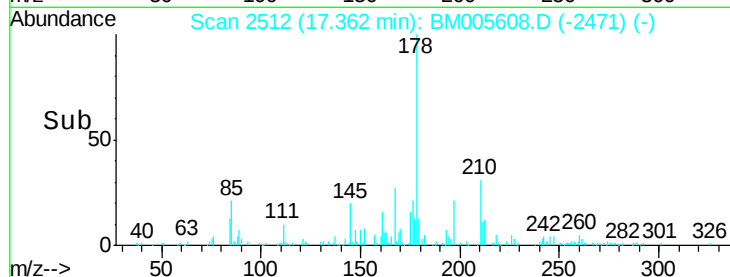
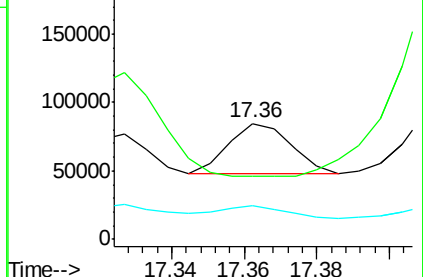
176 28.8 15.0 22.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Carbazole

Concen: 1.45 ng/ul

RT: 17.63 min Scan# 2558

Delta R.T. 0.04 min

Lab File: BM005608.D

Acq: 23 May 2016 04:08

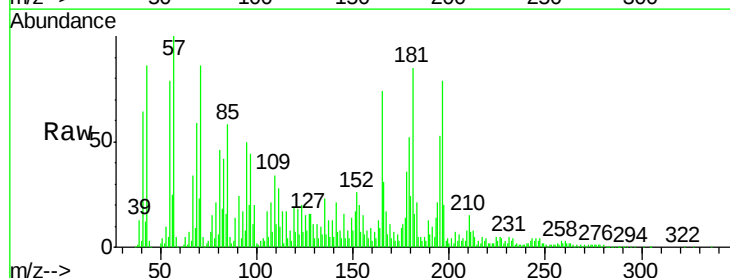
Tgt Ion:167 Resp: 22920

Ion Ratio Lower Upper

167 100

166 181.9 16.9 25.3#

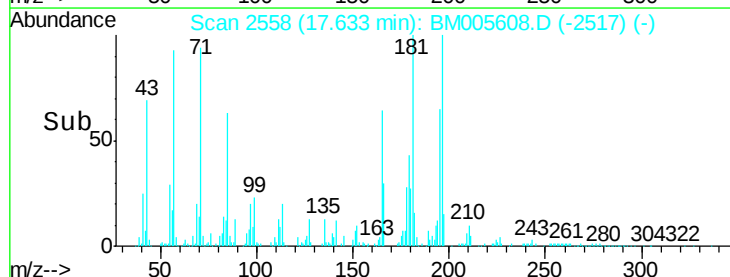
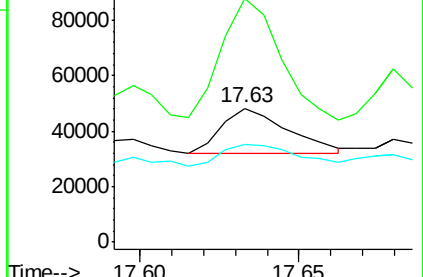
139 72.8 10.6 16.0#

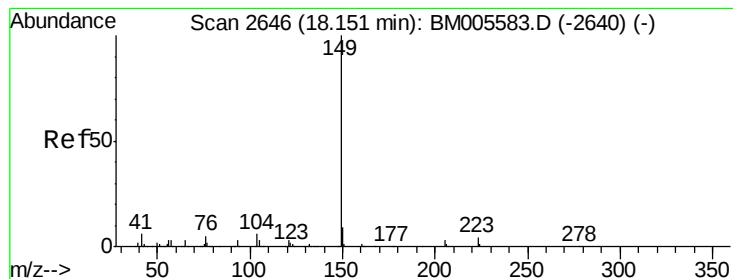


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 3.23 ng/ul

RT: 18.18 min Scan# 2651

Delta R.T. 0.03 min

Lab File: BM005608.D

Acq: 23 May 2016 04:08

Instrument :

BNA_M

ClientSampleId :

JHGG9

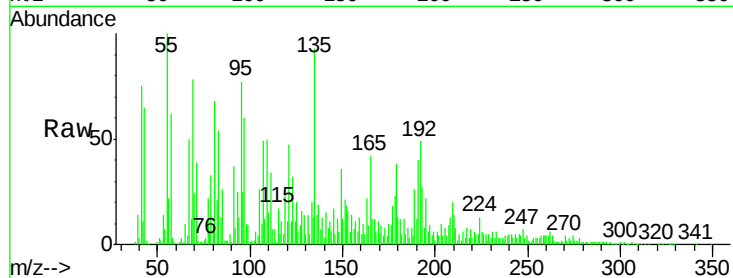
Tgt Ion:149 Resp: 61838

Ion Ratio Lower Upper

149 100

150 33.6 7.4 11.0#

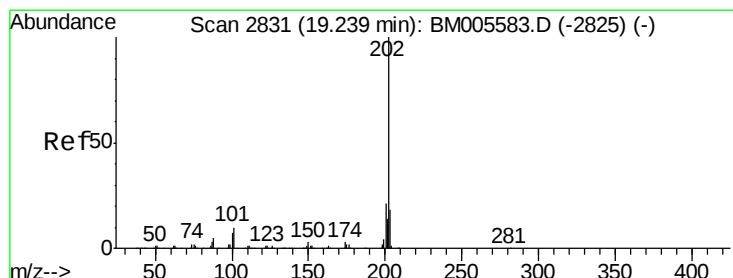
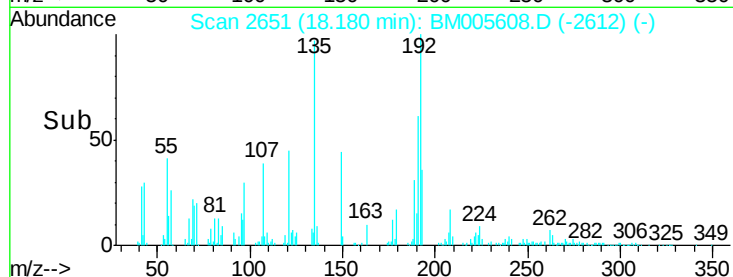
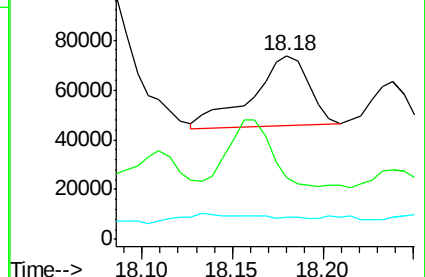
104 12.3 4.4 6.6#



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: 7.11 ng/ul

RT: 19.29 min Scan# 2839

Delta R.T. 0.05 min

Lab File: BM005608.D

Acq: 23 May 2016 04:08

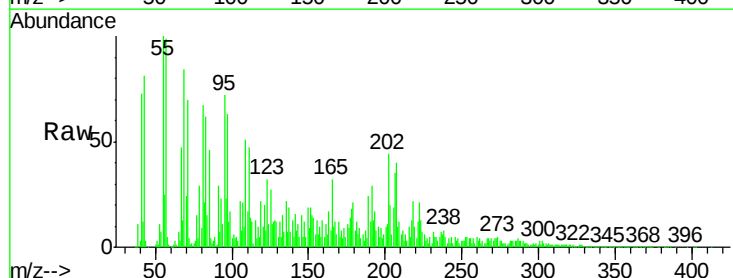
Tgt Ion:202 Resp: 142528

Ion Ratio Lower Upper

202 100

101 14.5 7.9 11.9#

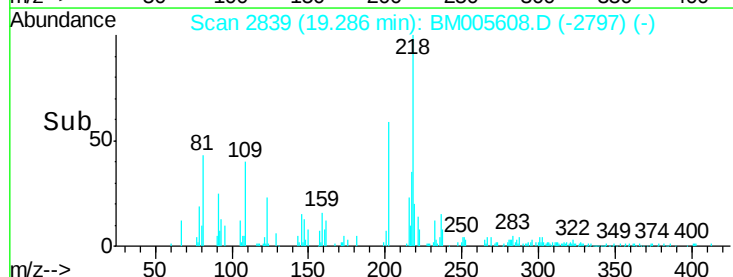
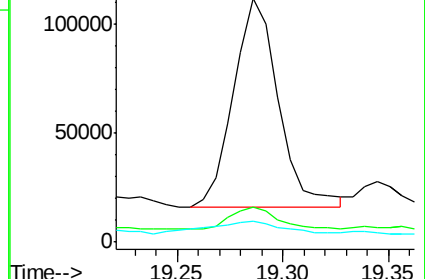
100 8.8 5.6 8.4#

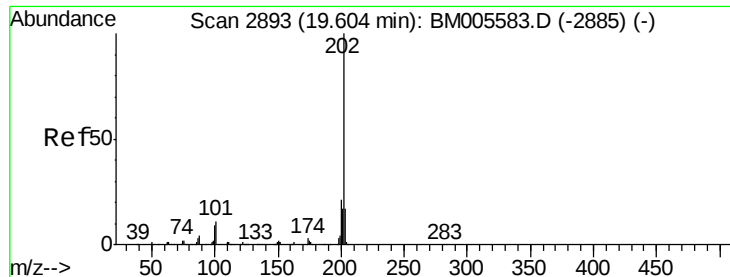


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 32.79 ng/ul

RT: 19.65 min Scan# 2901

Delta R.T. 0.05 min

Lab File: BM005608.D

Acq: 23 May 2016 04:08

Instrument :

BNA_M

ClientSampleId :

JHGG9

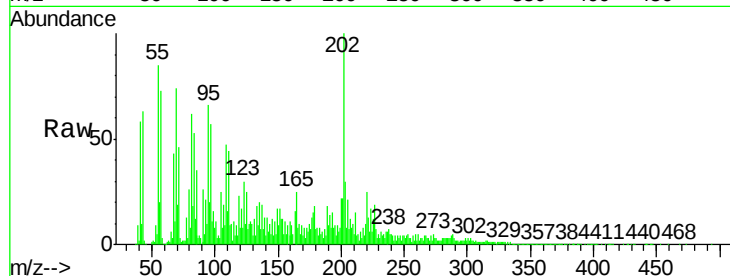
Tgt Ion:202 Resp: 559525

Ion Ratio Lower Upper

202 100

101 11.1 9.6 14.4

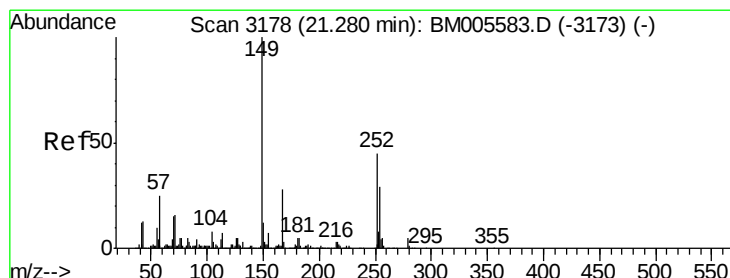
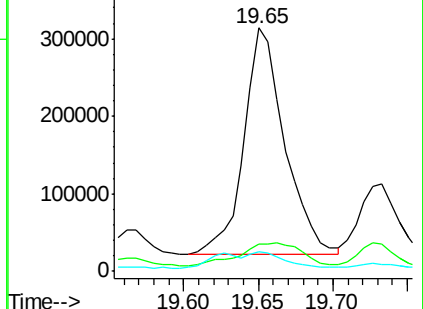
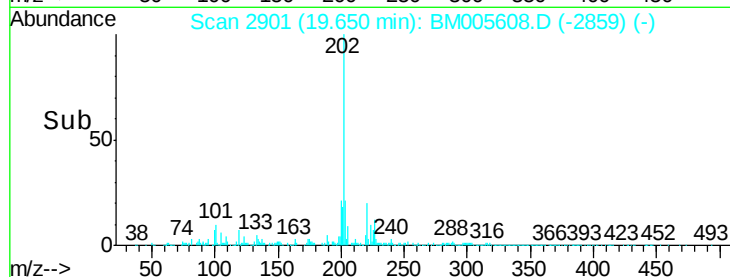
100 8.2 7.8 11.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

3,3'-Dichlorobenzidine

Concen: 2.18 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. 0.06 min

Lab File: BM005608.D

Acq: 23 May 2016 04:08

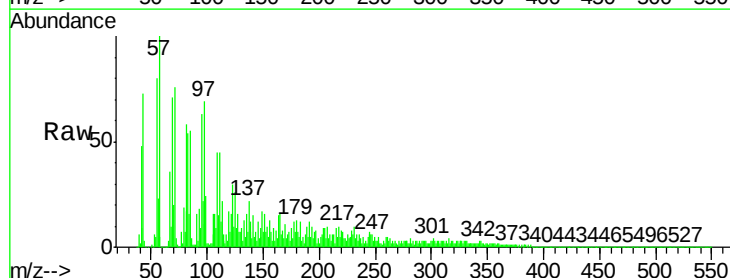
Tgt Ion:252 Resp: 11721

Ion Ratio Lower Upper

252 100

254 55.5 51.7 77.5

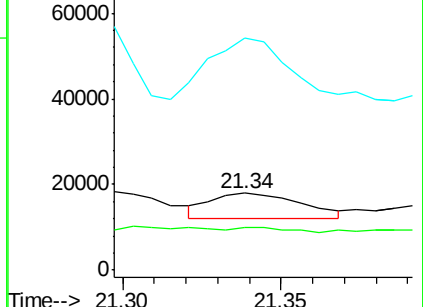
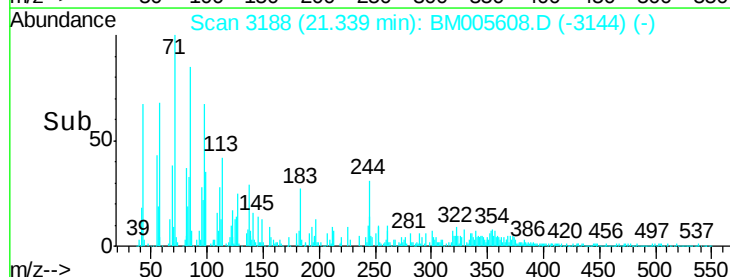
126 303.7 7.9 11.9#

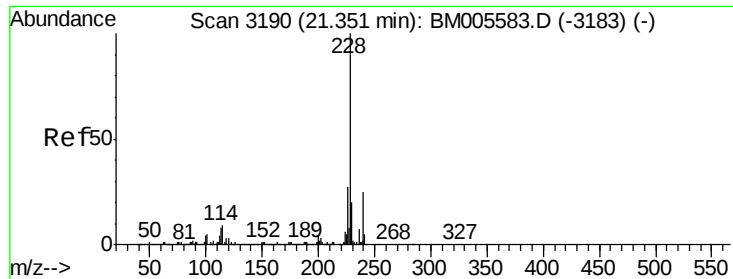


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 8.02 ng/ul

RT: 21.40 min Scan# 3198

Delta R.T. 0.05 min

Lab File: BM005608.D

Acq: 23 May 2016 04:08

Instrument :

BNA_M

ClientSampleId :

JHGG9

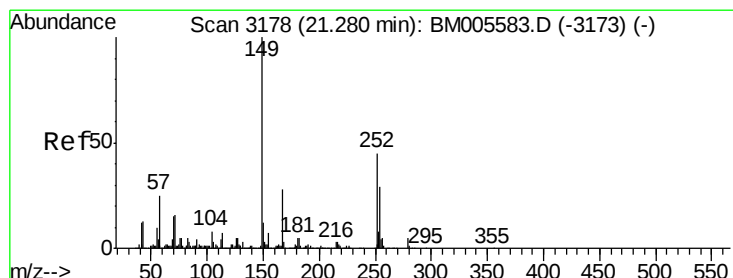
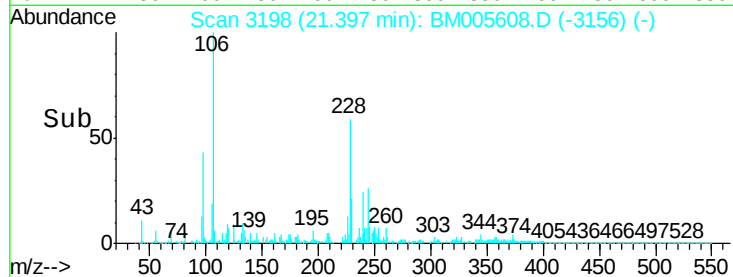
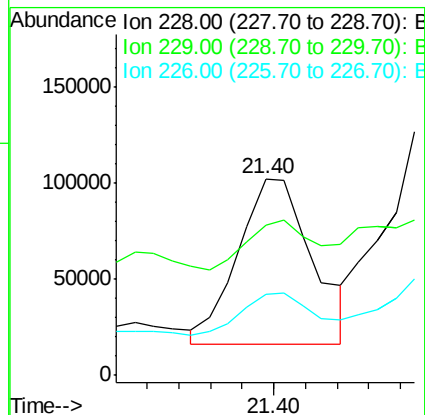
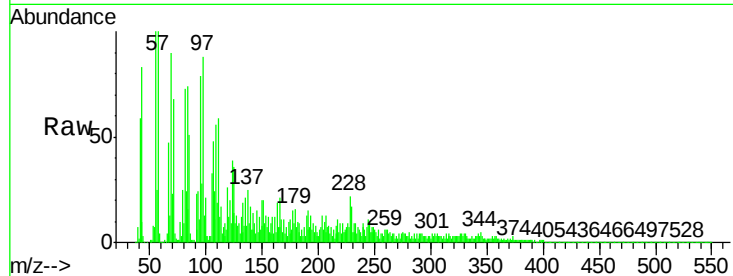
Tgt Ion:228 Resp: 139962

Ion Ratio Lower Upper

228 100

229 76.0 15.4 23.2#

226 40.9 21.0 31.4#



#81

Bis(2-ethylhexyl)phthalate

Concen: 4.91 ng/ul

RT: 21.32 min Scan# 3184

Delta R.T. 0.04 min

Lab File: BM005608.D

Acq: 23 May 2016 04:08

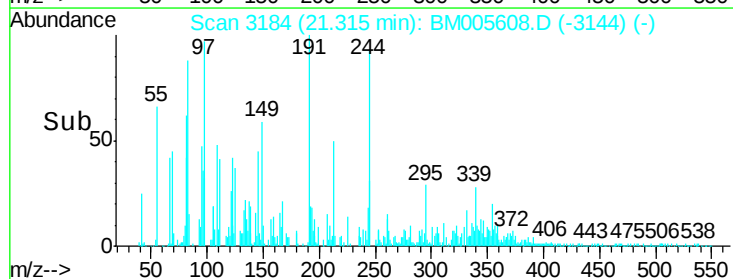
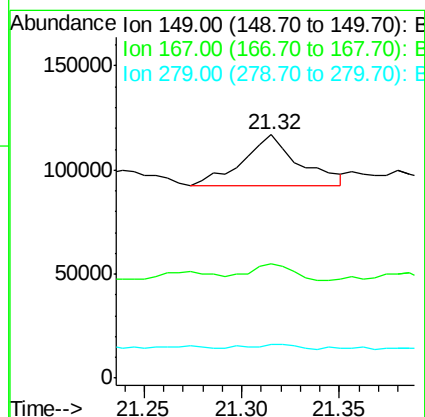
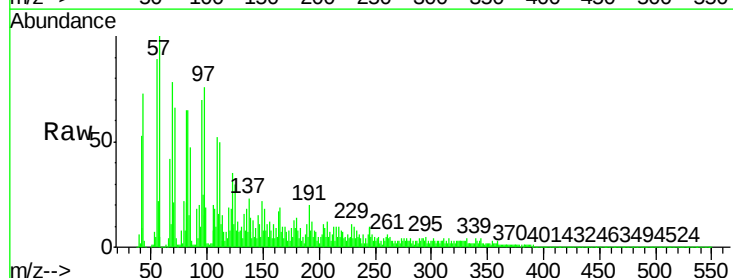
Tgt Ion:149 Resp: 49903

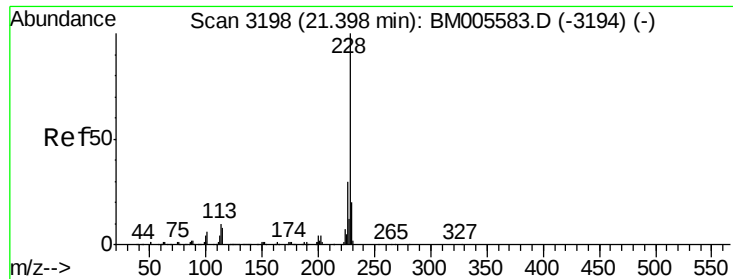
Ion Ratio Lower Upper

149 100

167 47.2 22.0 33.0#

279 14.1 3.8 5.8#





#82

Chrysene

Concen: 14.67 ng/ul

RT: 21.45 min Scan# 3207

Delta R.T. 0.05 min

Lab File: BM005608.D

Acq: 23 May 2016 04:08

Instrument :

BNA_M

ClientSampleId :

JHGG9

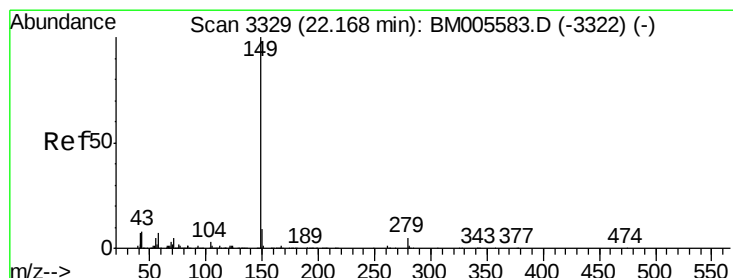
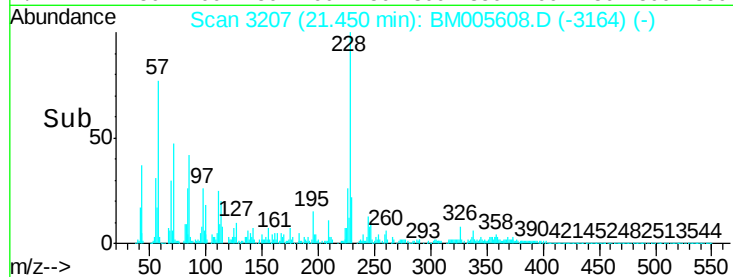
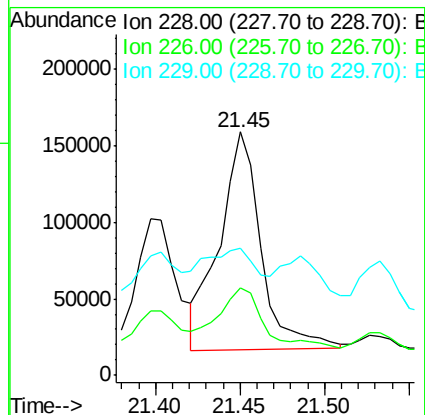
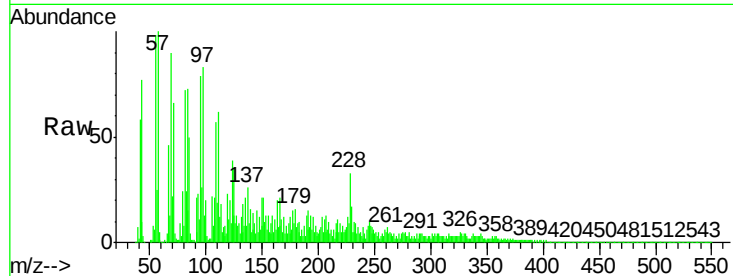
Tgt Ion:228 Resp: 243469

Ion Ratio Lower Upper

228 100

226 35.9 23.7 35.5#

229 52.1 15.5 23.3#



#84

Di-n-octyl phthalate

Concen: 4.56 ng/ul

RT: 22.14 min Scan# 3325

Delta R.T. -0.02 min

Lab File: BM005608.D

Acq: 23 May 2016 04:08

Tgt Ion:149 Resp: 76018

Ion Ratio Lower Upper

149 100

167 30.4 1.3 1.9#

43 247.2 7.4 11.0#

