

Data File : BM009747.D

Acq On : 27 Apr 2017 19:18

Operator : SJ/MA

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD02033

Quant Time: Apr 28 01:05:02 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Apr 28 01:04:44 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	141867	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	648090	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	427420	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1047928	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1293111	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1008403	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	21645	7.03	ng/uL	0.00
5) Phenol-d5	6.99	99	290198	18.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	202190	19.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	191811	19.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	222179	18.49	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	103503	19.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	113353	20.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	217330	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	279555	20.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	718459	19.32	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	895129	19.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	130955	18.25	ng/ul	0.00
57) Fluorene-d10	15.46	176	642811	19.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	134899	18.25	ng/ul	0.00
70) Anthracene-d10	17.32	188	1034329	19.22	ng/ul	0.00
76) Pyrene-d10	19.62	212	1180232	20.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	961259	19.60	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.34	88	28222	7.43 ng/uL#	73
4) Benzaldehyde	6.97	77	196190	19.54 ng/ul	88
6) Phenol	7.01	94	295201	18.53 ng/ul#	70
8) Bis(2-Chloroethyl)ether	7.25	93	227522	19.02 ng/ul	84
10) 2-Chlorophenol	7.39	128	195233	19.45 ng/ul#	75
11) 2-Methylphenol	8.26	108	210084	18.32 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	389487	19.50 ng/ul#	93
14) Acetophenone	8.65	105	374360	18.94 ng/ul#	75
15) N-Nitroso-di-n-propylamine	8.63	70	243166	19.81 ng/ul#	85
16) 4-Methylphenol	8.59	108	243189	19.17 ng/ul	97
17) Hexachloroethane	8.89	117	93458	20.05 ng/ul	94
20) Nitrobenzene	9.03	77	334192	19.51 ng/ul#	88
21) Isophorone	9.55	82	586261	19.33 ng/ul	96
23) 2-Nitrophenol	9.74	139	118774	19.65 ng/ul#	55
24) 2,4-Dimethylphenol	9.79	107	284359	18.92 ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.03	93	338680	19.26 ng/ul	97
27) 2,4-Dichlorophenol	10.26	162	210814	19.27 ng/ul#	90
28) Naphthalene	10.67	128	663201	19.21 ng/ul	97
30) 4-Chloroaniline	10.79	127	273011	20.44 ng/ul	92
31) Hexachlorobutadiene	10.93	225	147515	19.31 ng/ul	98
32) Caprolactam	11.57	113	39322	9.52 ng/ul#	82
33) 4-Chloro-3-methylphenol	11.90	107	270605	19.85 ng/ul#	96
34) 2-Methylnaphthalene	12.28	142	511521	19.27 ng/ul	100

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Response via : Initial Calibration

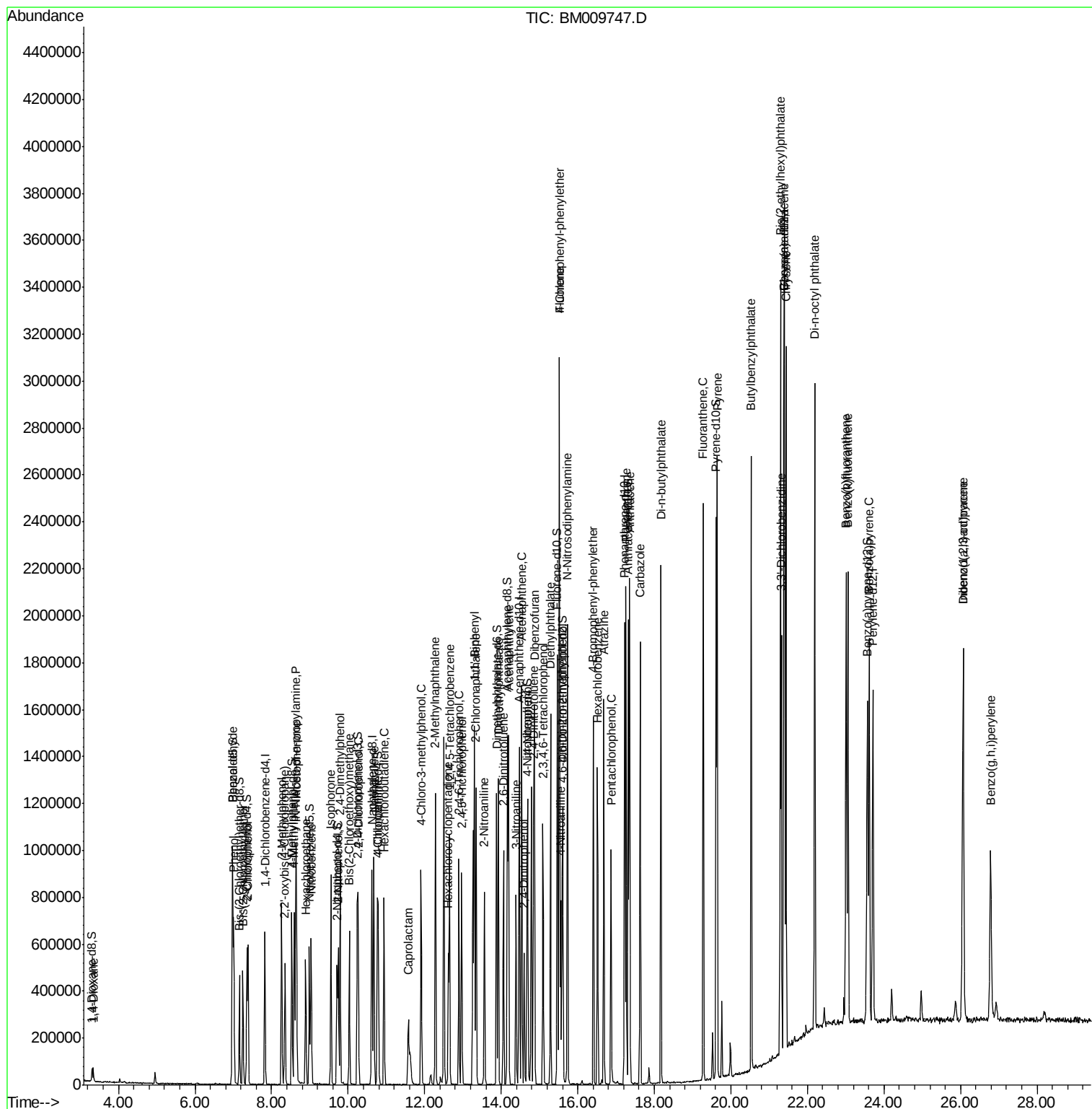
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	296263	20.44	ng/ul	96
37) Hexachlorocyclopentadiene	12.62	237	138729	17.92	ng/ul	96
38) 2,4,6-Trichlorophenol	12.89	196	194714	19.78	ng/ul	94
39) 2,4,5-Trichlorophenol	12.97	196	203819	20.08	ng/ul	92
40) 1,1'-Biphenyl	13.30	154	693771	19.74	ng/ul	94
41) 2-Chloronaphthalene	13.34	162	535592	19.81	ng/ul	96
42) 2-Nitroaniline	13.56	65	236079	20.50	ng/ul#	77
44) Dimethylphthalate	13.93	163	700607	19.05	ng/ul	99
45) 2,6-Dinitrotoluene	14.06	165	143840	19.48	ng/ul#	74
47) Acenaphthylene	14.19	152	862855	19.51	ng/ul	99
48) 3-Nitroaniline	14.39	138	138710	19.02	ng/ul#	74
49) Acenaphthene	14.53	153	584291	19.43	ng/ul	97
50) 2,4-Dinitrophenol	14.60	184	85344	17.32	ng/ul#	81
52) 4-Nitrophenol	14.69	109	152679	18.57	ng/ul#	58
53) Dibenzofuran	14.87	168	855722	19.43	ng/ul	93
54) 2,4-Dinitrotoluene	14.84	165	213042	19.14	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.09	232	199296	20.25	ng/ul#	96
56) Diethylphthalate	15.29	149	746413	18.61	ng/ul	98
58) Fluorene	15.52	166	745518	19.83	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.51	204	377451	19.38	ng/ul	94
60) 4-Nitroaniline	15.56	138	133236	15.65	ng/ul#	37
63) 4,6-Dinitro-2-methylphenol	15.61	198	138671	18.18	ng/ul#	86
64) N-Nitrosodiphenylamine	15.73	169	618988	19.25	ng/ul	100
65) 4-Bromophenyl-phenylether	16.41	248	234368	19.58	ng/ul#	85
66) Hexachlorobenzene	16.52	284	253421	19.35	ng/ul	93
67) Atrazine	16.68	200	236648	18.34	ng/ul	98
68) Pentachlorophenol	16.87	266	144724	17.93	ng/ul	89
69) Phenanthrene	17.26	178	1174051	19.49	ng/ul	98
71) Anthracene	17.35	178	1214755	19.28	ng/ul	97
72) Carbazole	17.63	167	1046300	18.45	ng/ul	99
73) Di-n-butylphthalate	18.17	149	1324616	19.17	ng/ul#	97
74) Fluoranthene	19.28	202	1417877	18.67	ng/ul#	93
77) Pyrene	19.64	202	1516049	20.76	ng/ul#	92
78) Butylbenzylphthalate	20.53	149	620127	20.48	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.32	252	462244	19.33	ng/ul	97
80) Benzo(a)anthracene	21.39	228	1513551	19.74	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	897808	19.57	ng/ul#	98
82) Chrysene	21.44	228	1342421	19.45	ng/ul	99
84) Di-n-octyl phthalate	22.19	149	1524398	20.69	ng/ul#	94
85) Benzo(b)fluoranthene	23.01	252	1322411	20.19	ng/ul#	98
86) Benzo(k)fluoranthene	23.06	252	1273042	21.23	ng/ul#	97
88) Benzo(a)pyrene	23.61	252	1193519	19.59	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.06	276	1097352	16.64	ng/ul#	89
90) Dibenzo(a,h)anthracene	26.07	278	948719	16.89	ng/ul#	95
91) Benzo(g,h,i)perylene	26.79	276	878072	16.56	ng/ul#	93

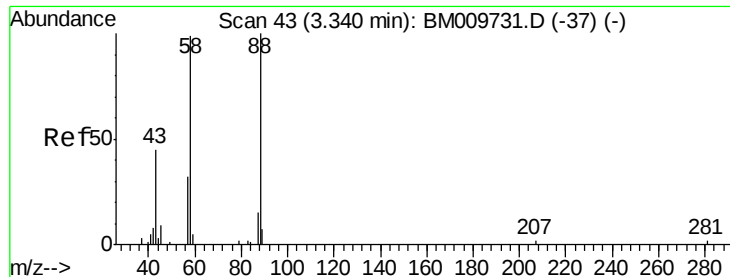
(#)=qualifier out of range (m)=manual integration (+)=signals summed

ALS Vial : 2 Sample Multiplier: 1

SSTD02033

Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 7.43 ng/uL

RT: 3.34 min Scan# 43

Delta R.T. 0.00 min

Lab File: BM009747.D

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Instrument :

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ClientSampleId :

SSTD02033

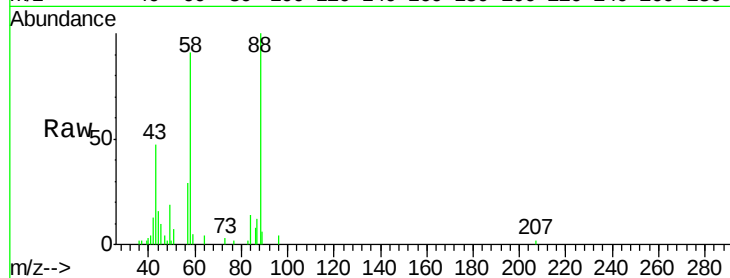
Tgt Ion: 88 Resp: 28222

Ion Ratio Lower Upper

88 100

43 39.9 59.0 88.4#

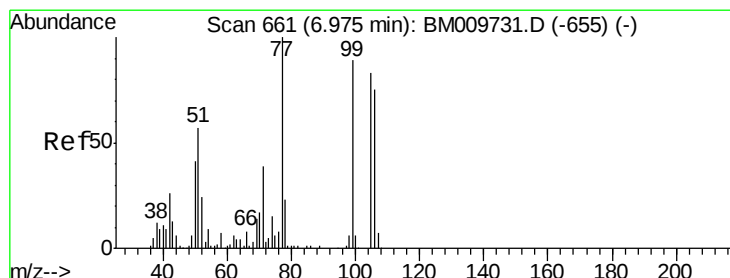
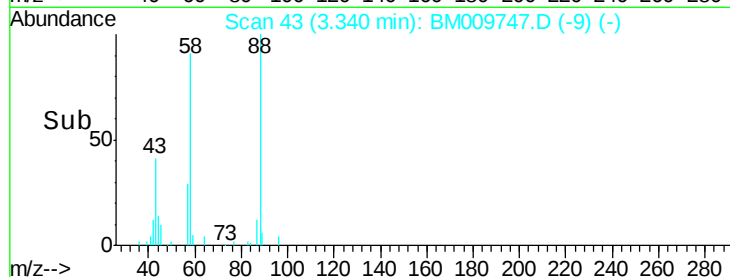
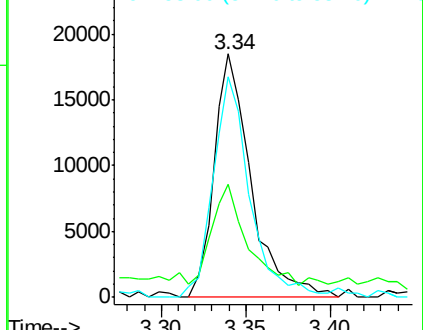
58 89.5 87.4 131.2



Abundance Ion 88.00 (87.70 to 88.70): BM009747.D (-9) (-)

Ion 43.00 (42.70 to 43.70): BM009747.D (-9) (-)

Ion 58.00 (57.70 to 58.70): BM009747.D (-9) (-)



#4

Benzaldehyde

Concen: 19.54 ng/uL

RT: 6.97 min Scan# 661

Delta R.T. 0.00 min

Lab File: BM009747.D

Acq: 27 Apr 2017 19:18

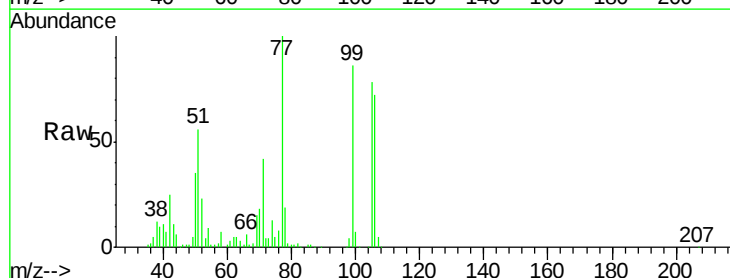
Tgt Ion: 77 Resp: 196190

Ion Ratio Lower Upper

77 100

105 78.3 54.8 82.2

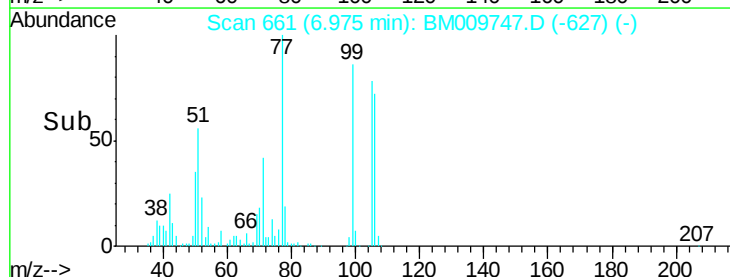
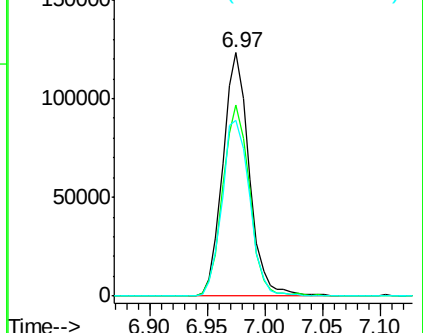
106 72.4 50.2 75.4

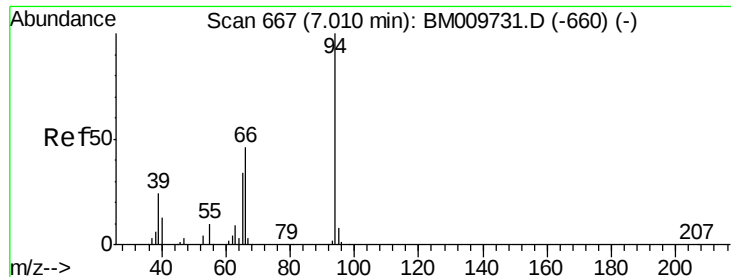


Abundance Ion 77.00 (76.70 to 77.70): BM009747.D (-627) (-)

Ion 105.00 (104.70 to 105.70): BM009747.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM009747.D (-627) (-)





#6

Phenol

Concen: 18.53 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. 0.00 min

Lab File: BM009747.D

Acq: 27 Apr 2017 19:18

Instrument :

BNA_M

ClientSampleId :

SSTD02033

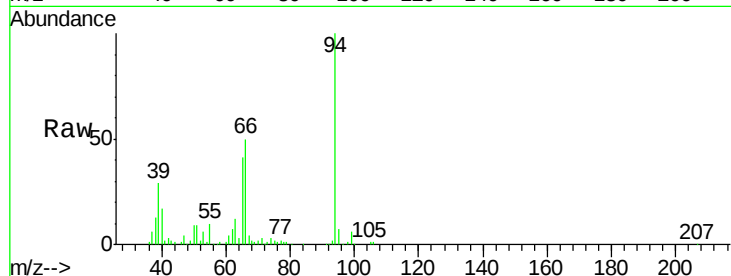
Tgt Ion: 94 Resp: 295201

Ion Ratio Lower Upper

94 100

65 41.1 39.8 59.6

66 50.1 69.9 104.9#



Abundance Ion 94.00 (93.70 to 94.70): BM009747.D (-633) (-)

Ion 65.00 (64.70 to 65.70): BM009747.D (-633) (-)

Ion 66.00 (65.70 to 66.70): BM009747.D (-633) (-)

250000

200000

150000

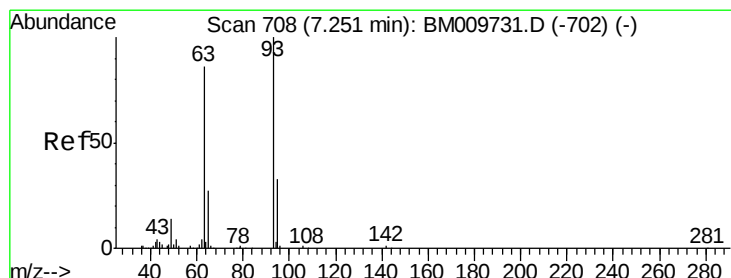
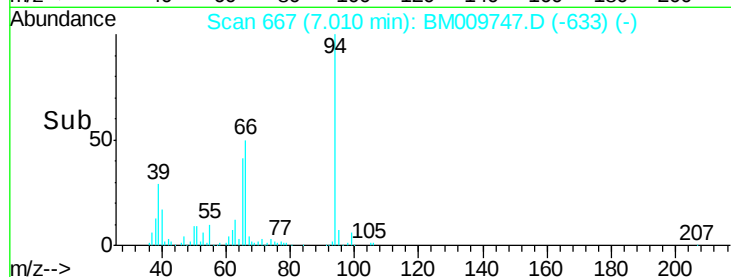
100000

50000

0

6.95 7.00 7.05

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 19.02 ng/ul

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BM009747.D

Acq: 27 Apr 2017 19:18

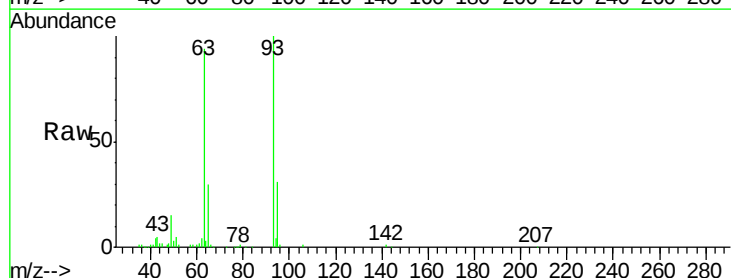
Tgt Ion: 93 Resp: 227522

Ion Ratio Lower Upper

93 100

63 93.9 92.0 138.0

95 31.4 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BM009747.D (-674) (-)

Ion 63.00 (62.70 to 63.70): BM009747.D (-674) (-)

Ion 95.00 (94.70 to 95.70): BM009747.D (-674) (-)

200000

150000

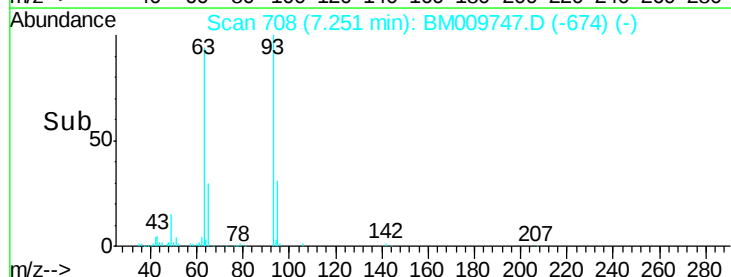
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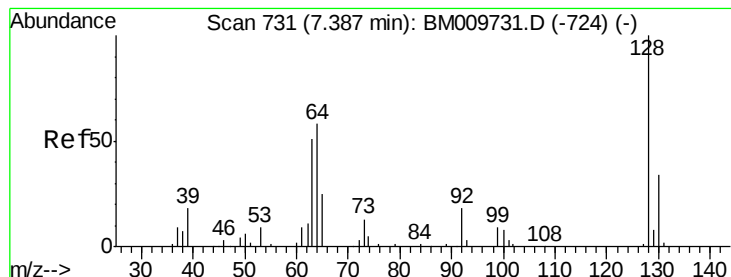
50000

0

7.20 7.25 7.30

Time-->





#10

2-Chlorophenol

Concen: 19.45 ng/ul

RT: 7.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BM009747.D

Acq: 27 Apr 2017 19:18

Instrument :

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ClientSampleId :

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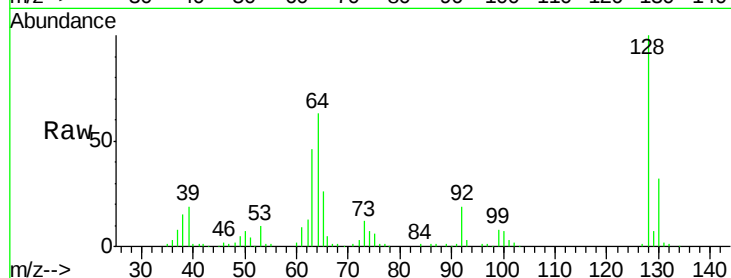
Tgt Ion:128 Resp: 195233

Ion Ratio Lower Upper

128 100

64 63.2 76.6 115.0#

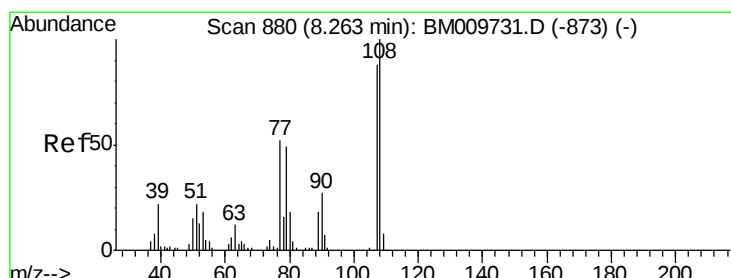
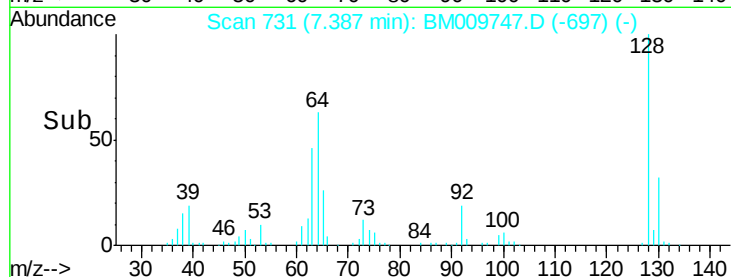
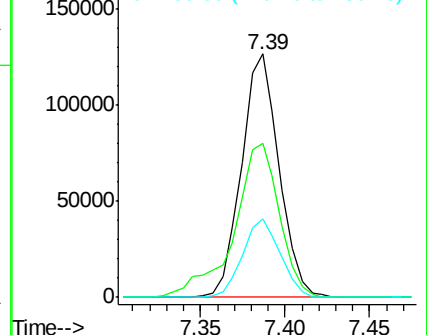
130 32.0 26.5 39.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.32 ng/ul

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BM009747.D

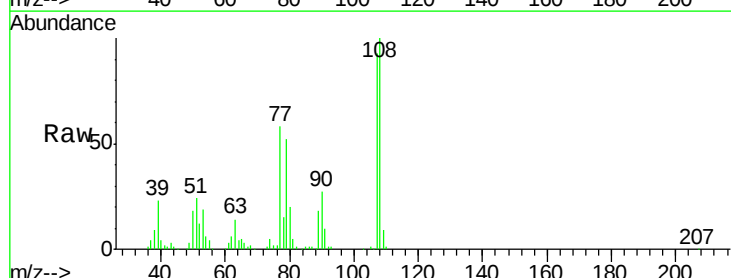
Acq: 27 Apr 2017 19:18

Tgt Ion:108 Resp: 210084

Ion Ratio Lower Upper

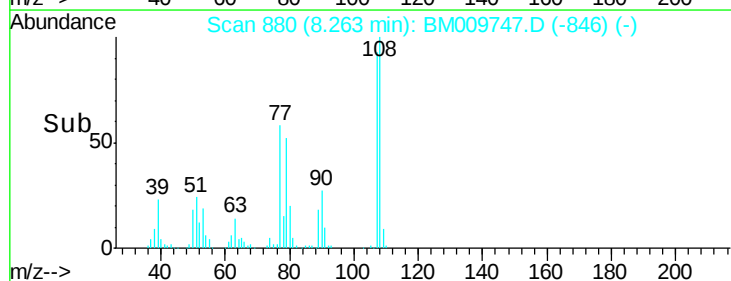
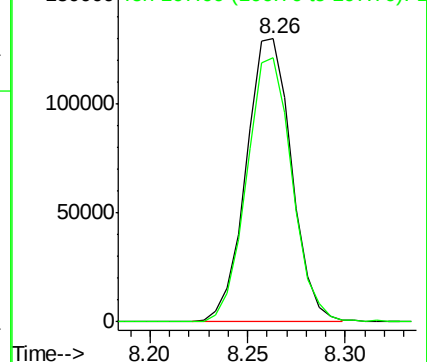
108 100

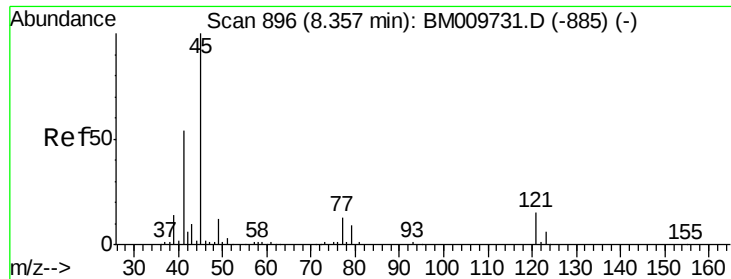
107 93.4 75.1 112.7



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

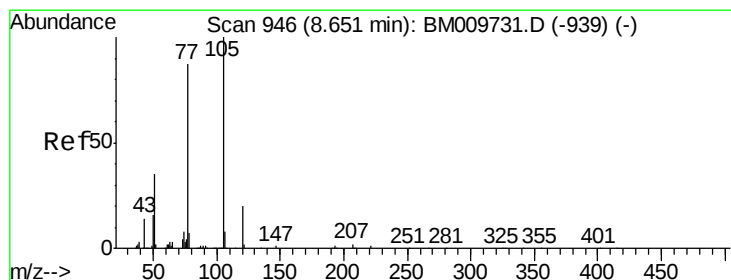
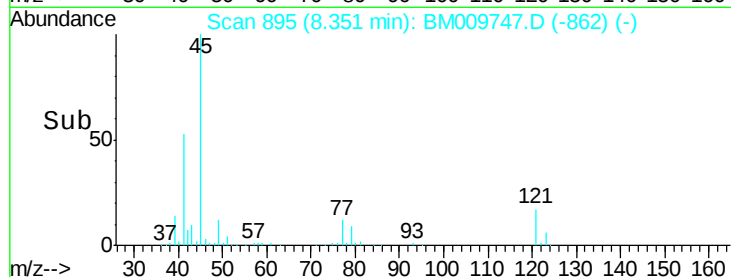
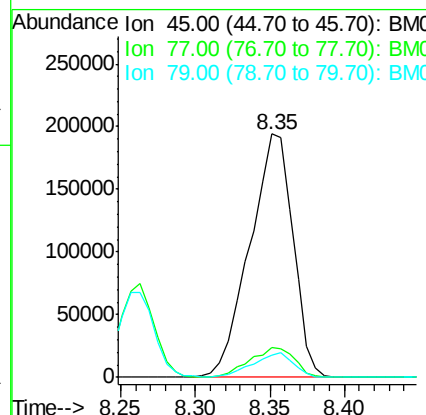
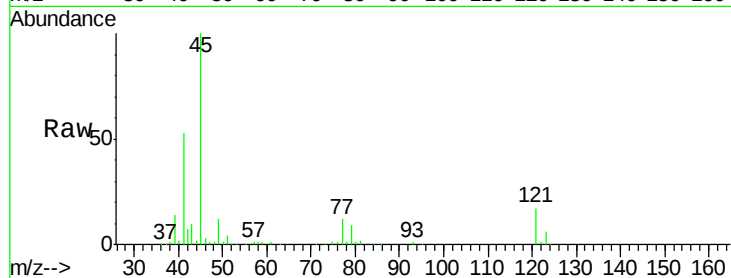




#12
 2,2'-oxybis(1-chloropropane)
 Concen: 19.50 ng/ul
 RT: 8.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BM009747.D
 Acq: 27 Apr 2017 19:18

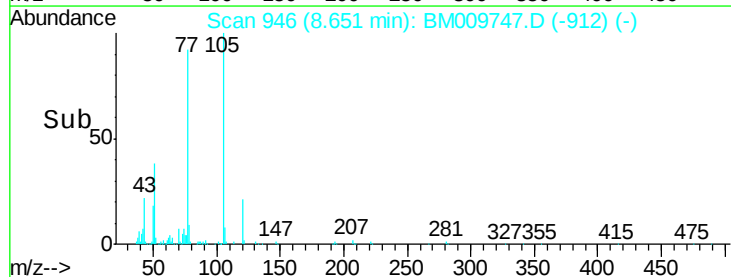
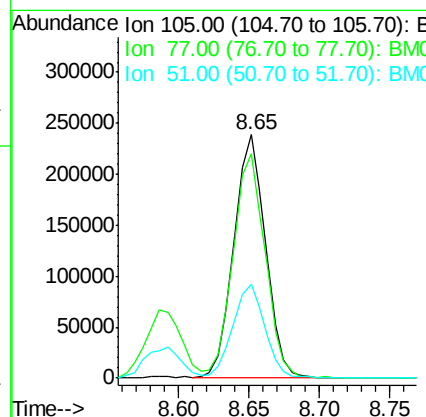
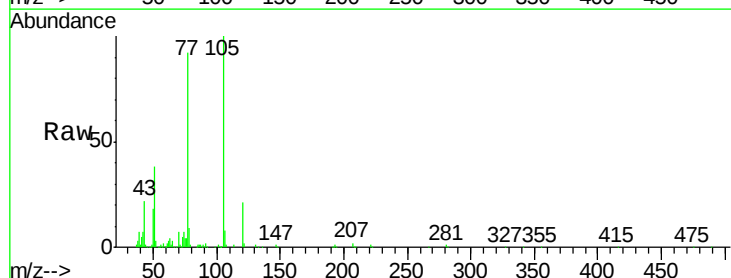
Instrument :
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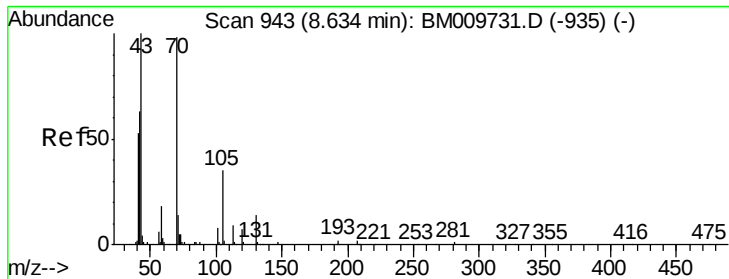
Tgt Ion: 45 Resp: 389487
 Ion Ratio Lower Upper
 45 100
 77 12.5 11.9 17.9
 79 9.0 9.7 14.5#



#14
 Acetophenone
 Concen: 18.94 ng/ul
 RT: 8.65 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BM009747.D
 Acq: 27 Apr 2017 19:18

Tgt Ion: 105 Resp: 374360
 Ion Ratio Lower Upper
 105 100
 77 91.9 91.7 137.5
 51 38.4 50.8 76.2#





#15

N-Nitroso-di-n-propylamine

Concen: 19.81 ng/ul

RT: 8.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BM009747.D

Acq: 27 Apr 2017 19:18

Instrument :

BNA_M

ClientSampleId :

SSTD02033

Tgt Ion: 70 Resp: 243166

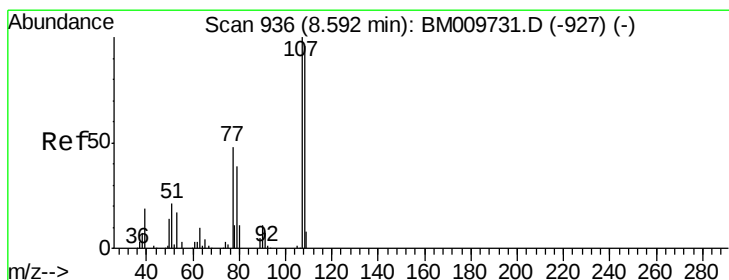
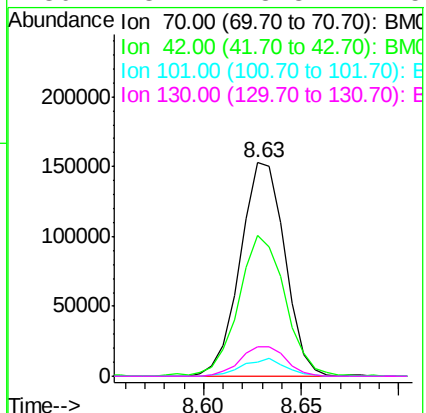
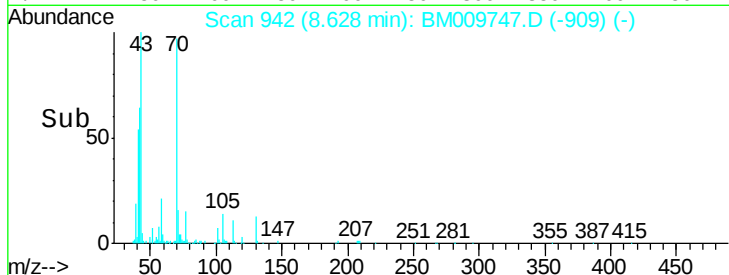
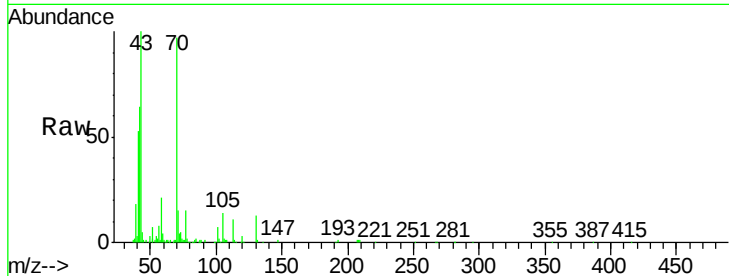
Ion Ratio Lower Upper

70 100

42 65.7 64.2 96.2

101 6.9 5.1 7.7

130 13.7 8.3 12.5#



#16

4-Methylphenol

Concen: 19.17 ng/ul

RT: 8.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BM009747.D

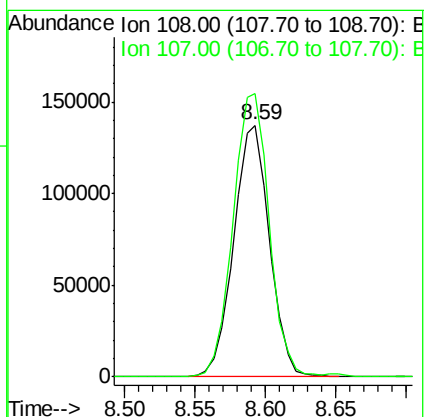
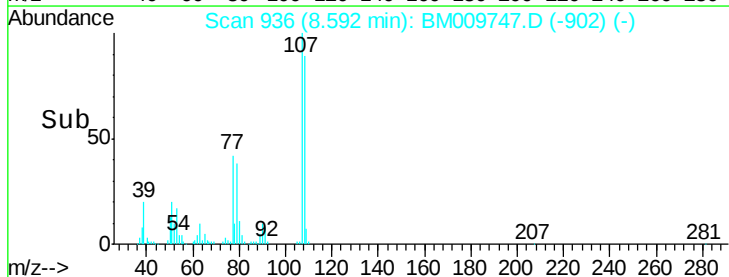
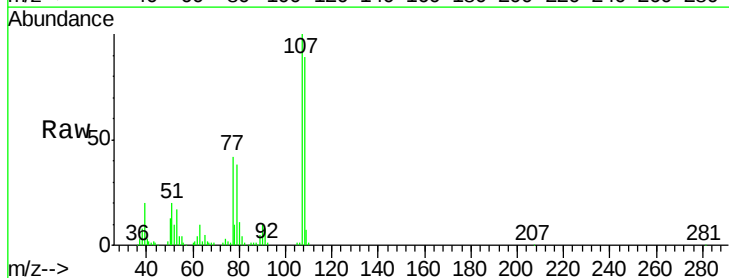
Acq: 27 Apr 2017 19:18

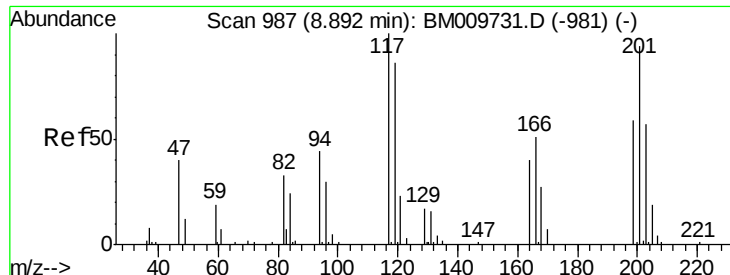
Tgt Ion: 108 Resp: 243189

Ion Ratio Lower Upper

108 100

107 112.6 93.1 139.7

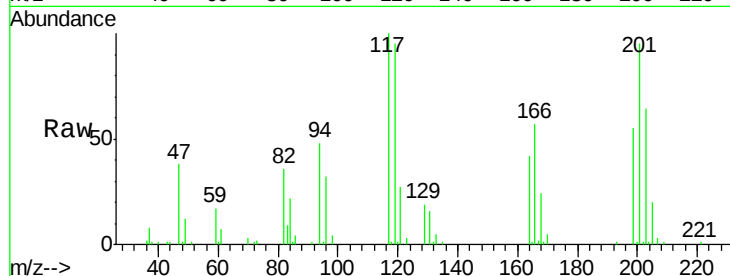




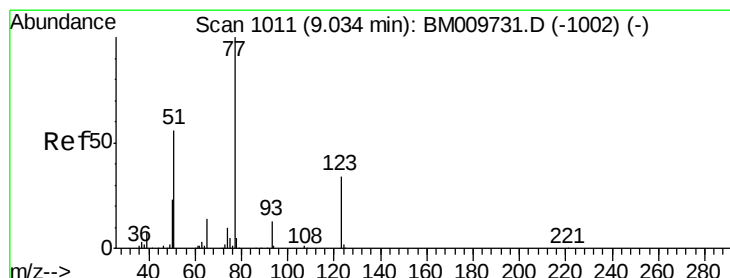
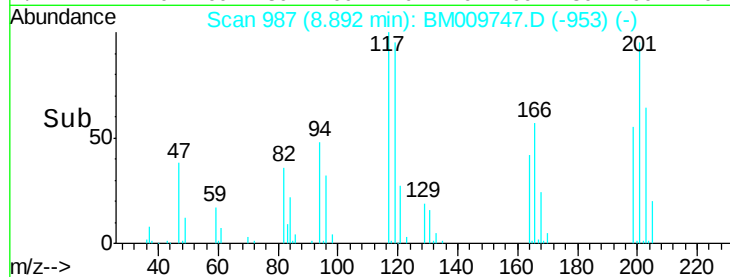
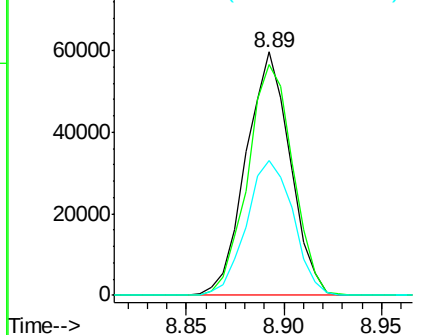
#17
Hexachloroethane
Concen: 20.05 ng/ul
RT: 8.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BM009747.D
Acq: 27 Apr 2017 19:18

Instrument :
BNA_M
ClientSampleId :
SSTD02033

Tgt Ion: 117 Resp: 93458
Ion Ratio Lower Upper
117 100
201 94.6 71.0 106.6
199 55.5 47.8 71.8

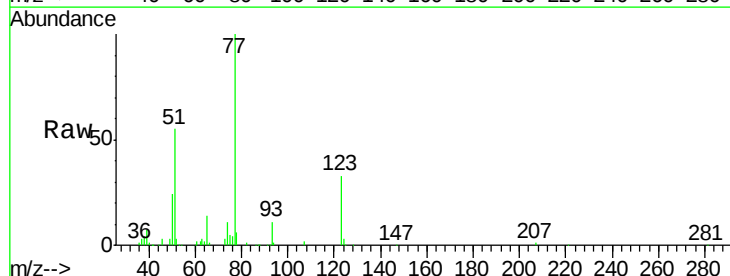


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

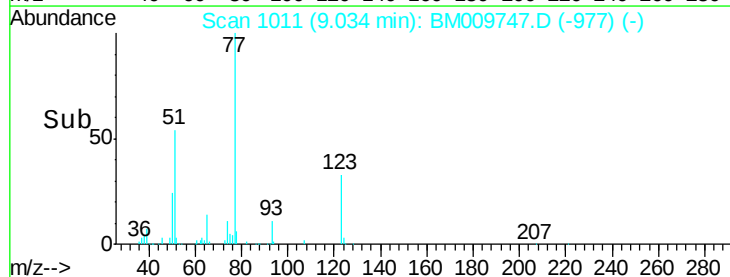
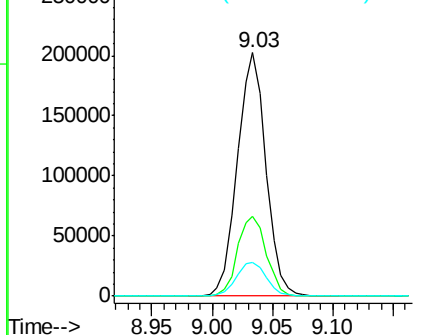


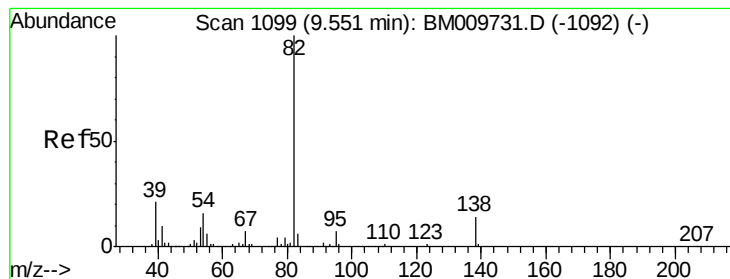
#20
Nitrobenzene
Concen: 19.51 ng/ul
RT: 9.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BM009747.D
Acq: 27 Apr 2017 19:18

Tgt Ion: 77 Resp: 334192
Ion Ratio Lower Upper
77 100
123 32.7 20.8 31.2#
65 13.7 14.7 22.1#



Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 19.33 ng/ul

RT: 9.55 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BM009747.D

Acq: 27 Apr 2017 19:18

Instrument :

BNA_M

ClientSampleId :

SSTD02033

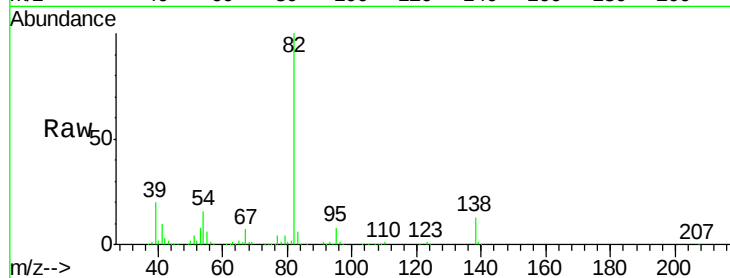
Tgt Ion: 82 Resp: 586261

Ion Ratio Lower Upper

82 100

95 7.7 7.7 11.5

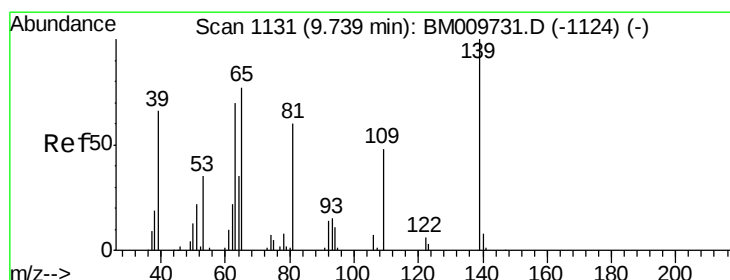
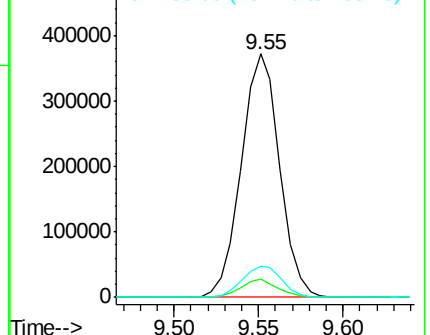
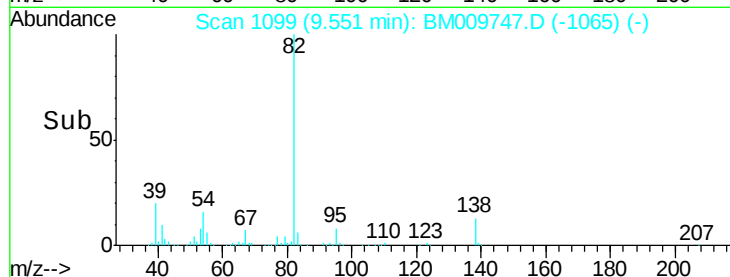
138 13.0 9.4 14.0



Abundance Ion 82.00 (81.70 to 82.70): BM009747.D (-1092) (-)

Ion 95.00 (94.70 to 95.70): BM009747.D (-1092) (-)

Ion 138.00 (137.70 to 138.70): BM009747.D (-1092) (-)



#23

2-Nitrophenol

Concen: 19.65 ng/ul

RT: 9.74 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BM009747.D

Acq: 27 Apr 2017 19:18

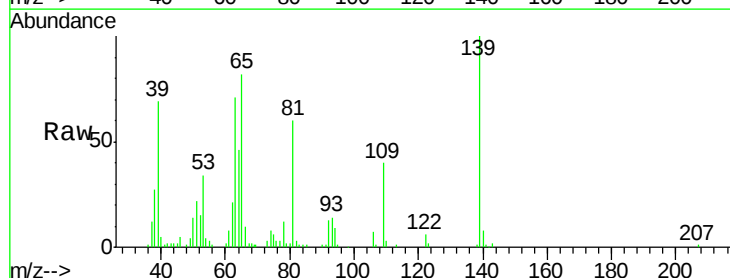
Tgt Ion: 139 Resp: 118774

Ion Ratio Lower Upper

139 100

65 82.1 102.7 154.1#

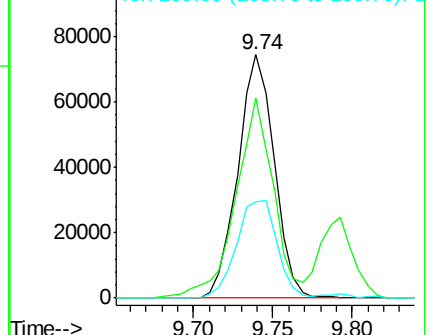
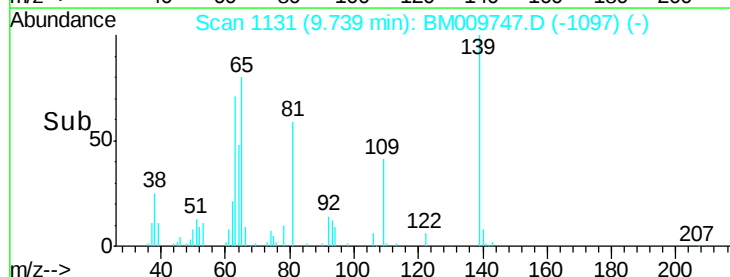
109 39.7 71.1 106.7#

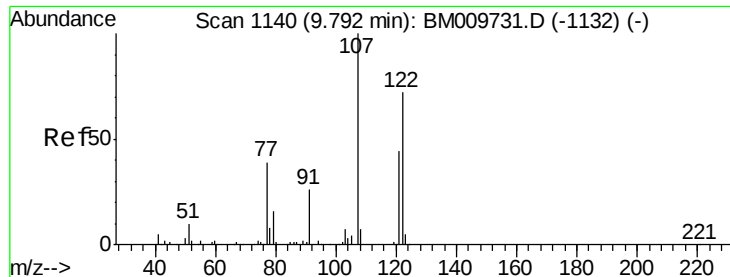


Abundance Ion 139.00 (138.70 to 139.70): BM009747.D (-1124) (-)

Ion 65.00 (64.70 to 65.70): BM009747.D (-1124) (-)

Ion 109.00 (108.70 to 109.70): BM009747.D (-1124) (-)

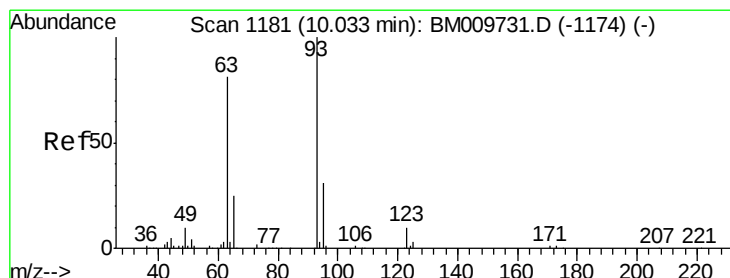
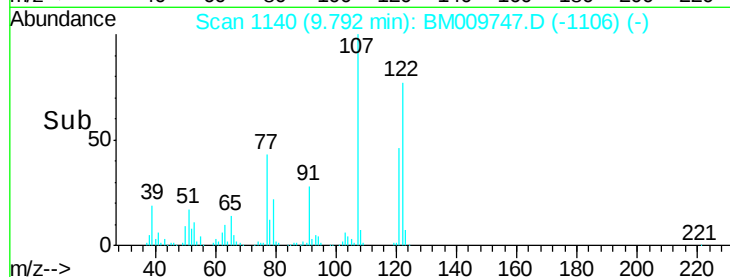
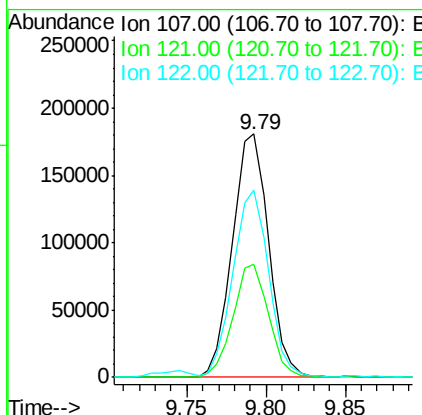
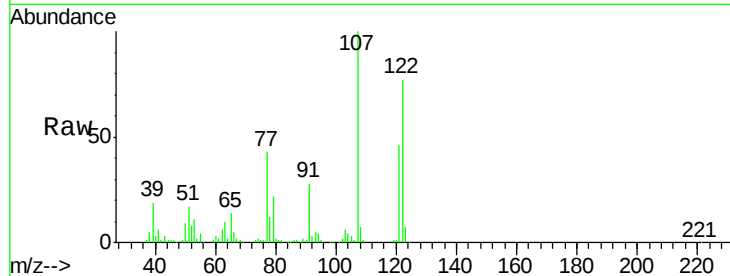




#24
 2,4-Dimethylphenol
 Concen: 18.92 ng/ul
 RT: 9.79 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BM009747.D
 Acq: 27 Apr 2017 19:18

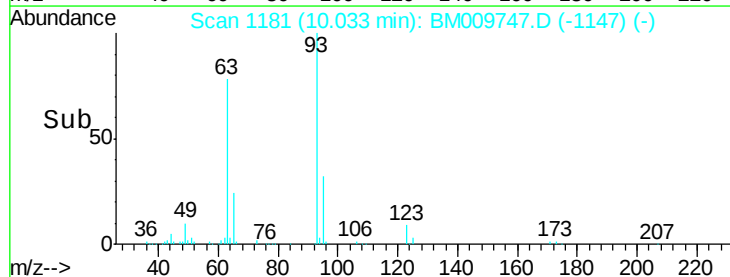
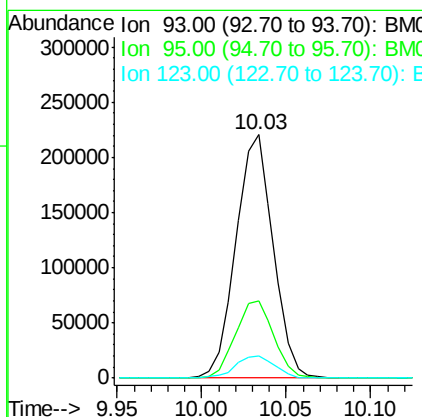
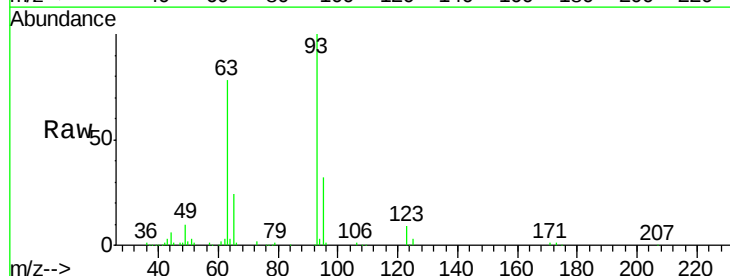
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02033

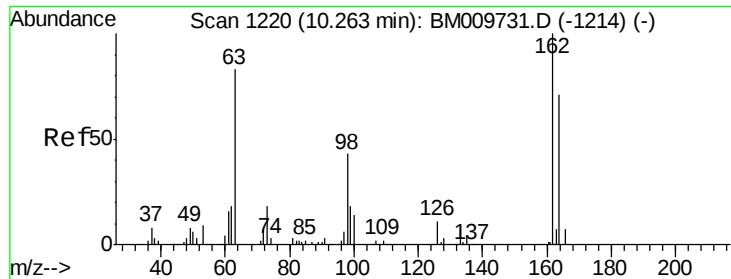
Tgt Ion	Ratio	Lower	Upper
107	100		
121	46.3	30.0	45.0#
122	77.0	50.2	75.4#



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.26 ng/ul
 RT: 10.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BM009747.D
 Acq: 27 Apr 2017 19:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	27.0	40.6
123	9.3	7.5	11.3

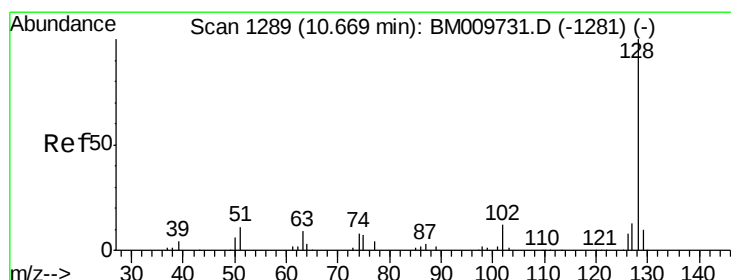
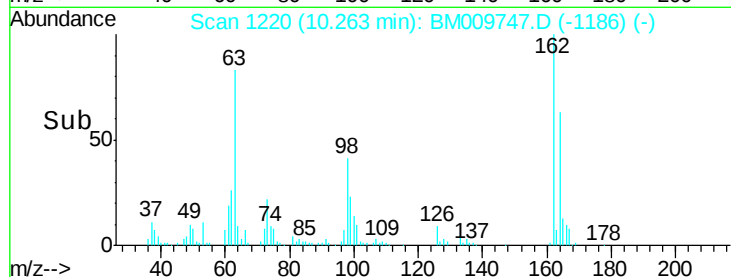
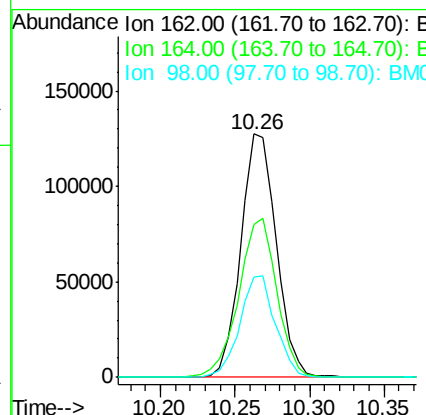
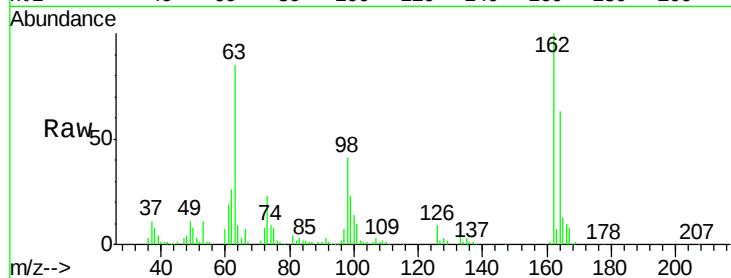




#27
 2,4-Dichlorophenol
 Concen: 19.27 ng/ul
 RT: 10.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BM009747.D
 Acq: 27 Apr 2017 19:18

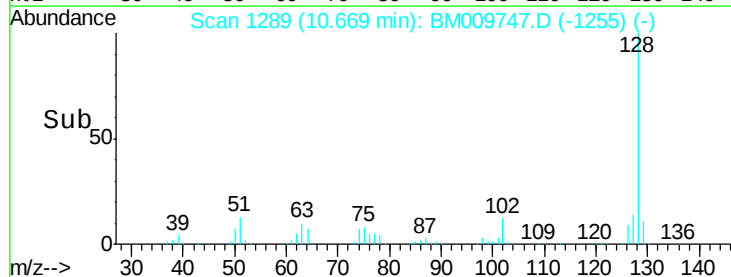
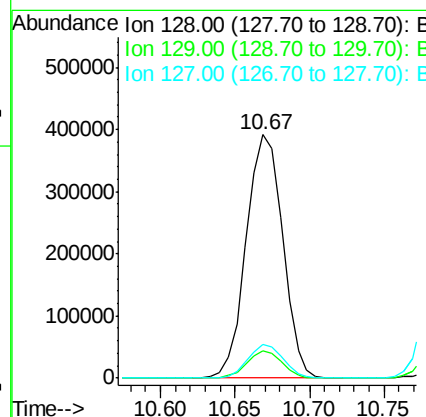
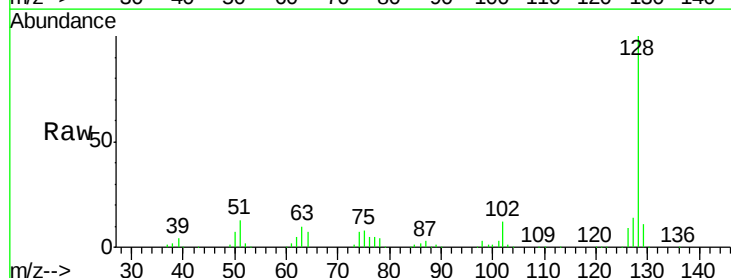
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02033

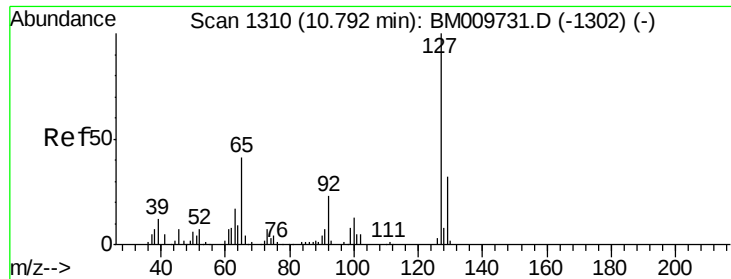
Tgt Ion:162 Resp: 210814
 Ion Ratio Lower Upper
 162 100
 164 62.5 52.9 79.3
 98 41.1 42.0 63.0#



#28
 Naphthalene
 Concen: 19.21 ng/ul
 RT: 10.67 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BM009747.D
 Acq: 27 Apr 2017 19:18

Tgt Ion:128 Resp: 663201
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.7 14.5
 127 13.8 10.2 15.4

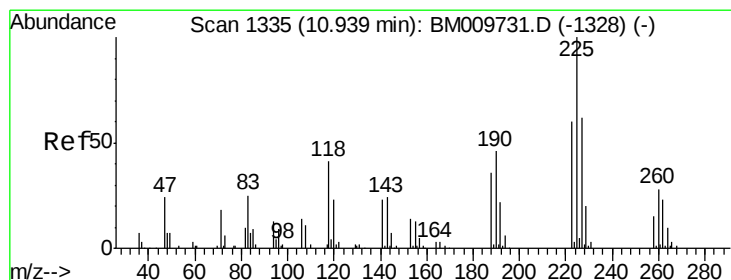
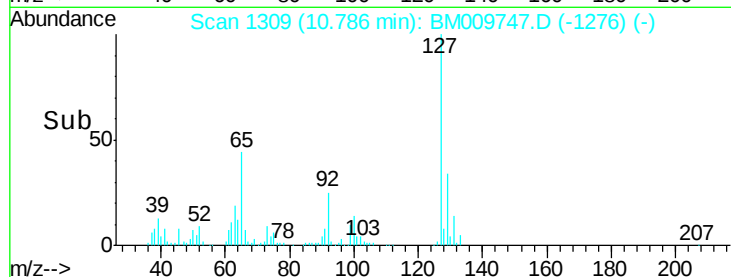
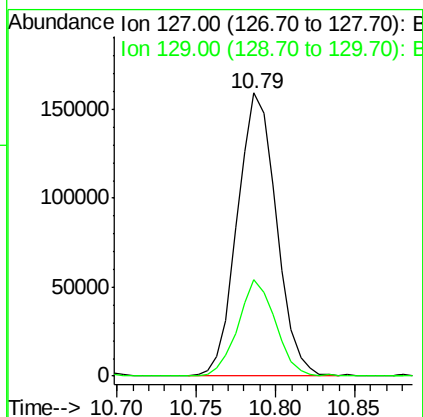
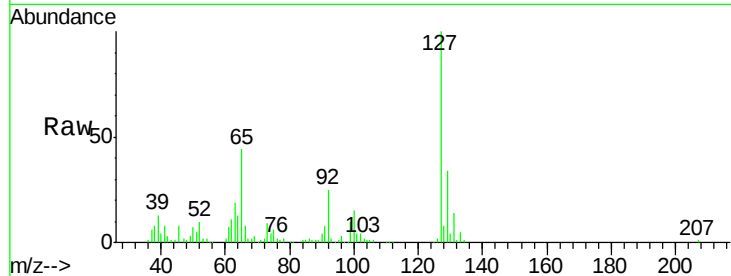




#30
4-Chloroaniline
Concen: 20.44 ng/ul
RT: 10.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BM009747.D
Acq: 27 Apr 2017 19:18

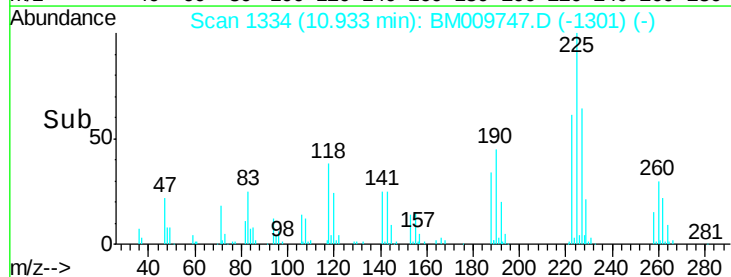
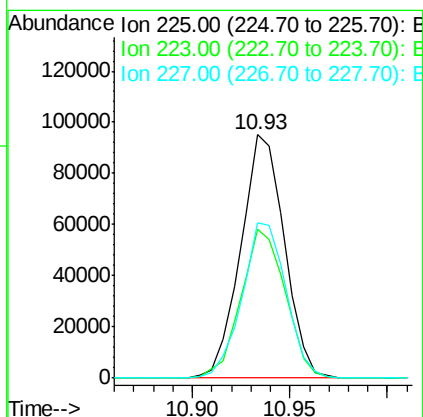
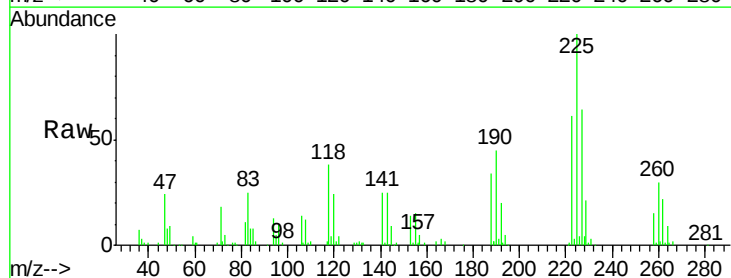
Instrument :
BNA_M
ClientSampleId :
SSTD02033

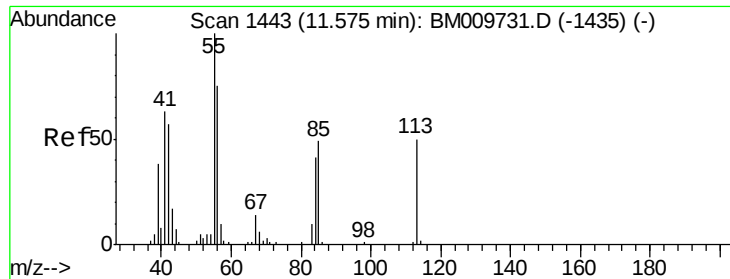
Tgt Ion:127 Resp: 273011
Ion Ratio Lower Upper
127 100
129 34.1 23.9 35.9



#31
Hexachlorobutadiene
Concen: 19.31 ng/ul
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM009747.D
Acq: 27 Apr 2017 19:18

Tgt Ion:225 Resp: 147515
Ion Ratio Lower Upper
225 100
223 60.9 50.4 75.6
227 64.0 51.0 76.4

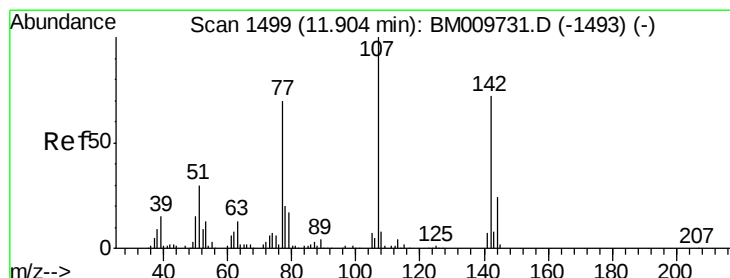
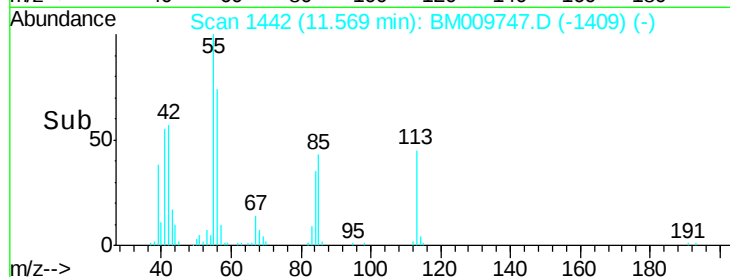
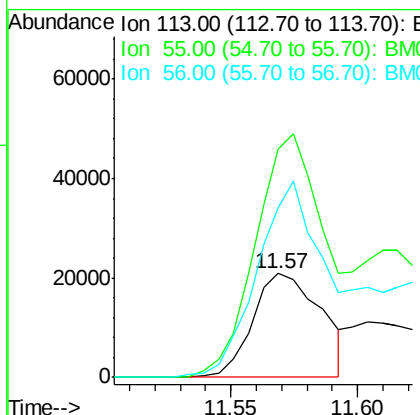
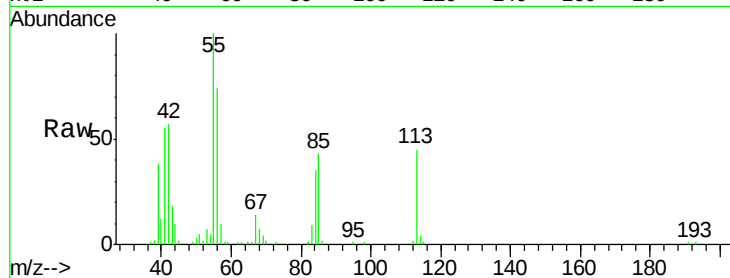




#32
 Caprolactam
 Concen: 9.52 ng/ul
 RT: 11.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BM009747.D
 Acq: 27 Apr 2017 19:18

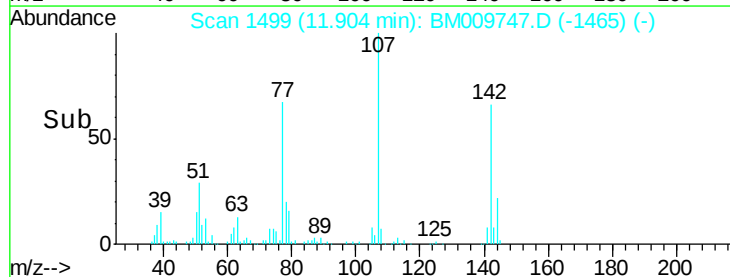
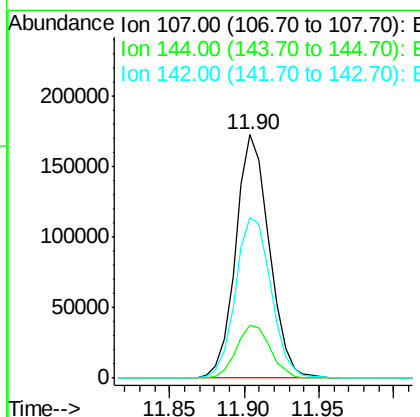
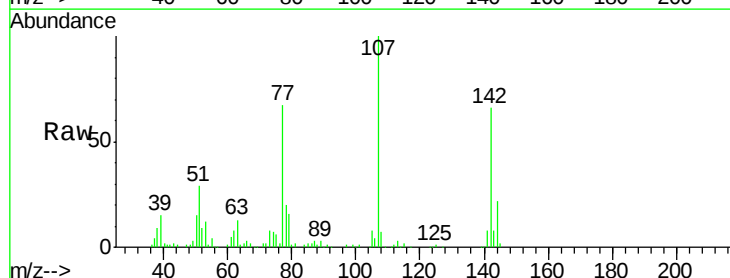
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02033

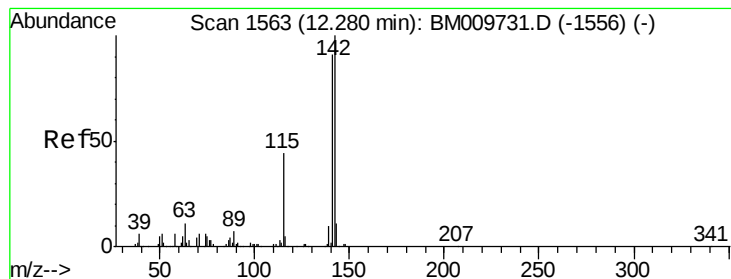
Tgt Ion:113 Resp: 39322
 Ion Ratio Lower Upper
 113 100
 55 220.3 189.3 283.9
 56 164.0 165.8 248.6#



#33
 4-Chloro-3-methylphenol
 Concen: 19.85 ng/ul
 RT: 11.90 min Scan# 1499
 Delta R.T. 0.00 min
 Lab File: BM009747.D
 Acq: 27 Apr 2017 19:18

Tgt Ion:107 Resp: 270605
 Ion Ratio Lower Upper
 107 100
 144 21.6 14.4 21.6#
 142 65.7 50.7 76.1





#34

2-Methylnaphthalene

Concen: 19.27 ng/ul

RT: 12.28 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BM009747.D

Acq: 27 Apr 2017 19:18

Instrument :

BNA_M

ClientSampleId :

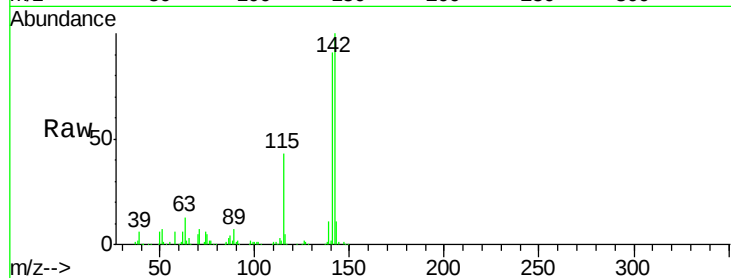
SSTD02033

Tgt Ion:142 Resp: 511521

Ion Ratio Lower Upper

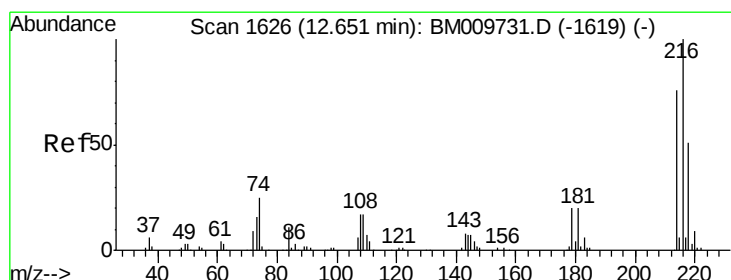
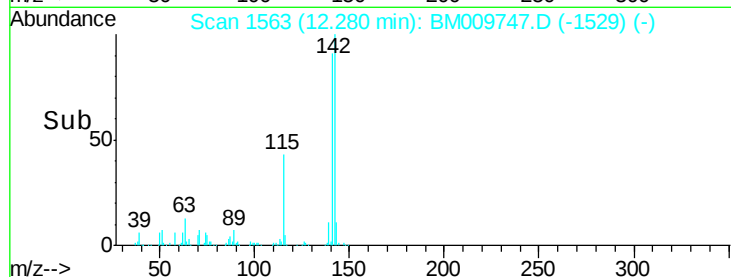
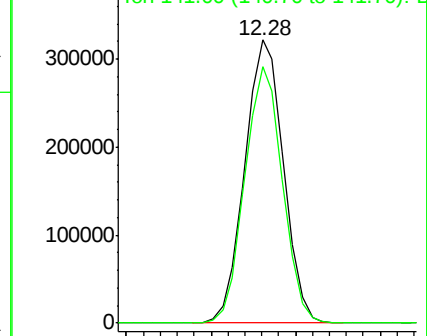
142 100

141 90.6 72.6 109.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 20.44 ng/ul

RT: 12.65 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BM009747.D

Acq: 27 Apr 2017 19:18

Tgt Ion:216 Resp: 296263

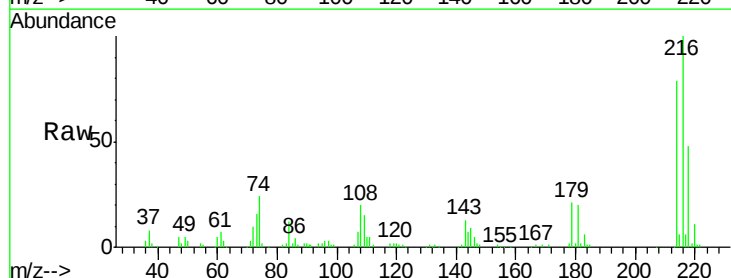
Ion Ratio Lower Upper

216 100

214 78.8 61.1 91.7

179 21.4 17.7 26.5

108 20.0 19.4 29.2

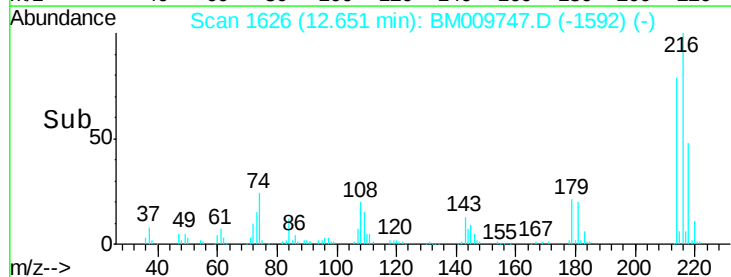
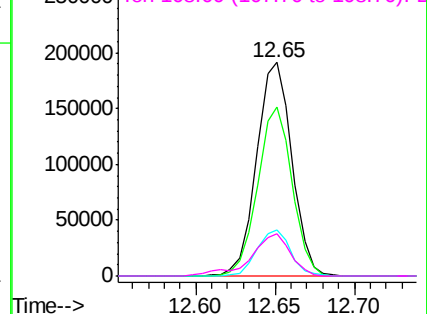


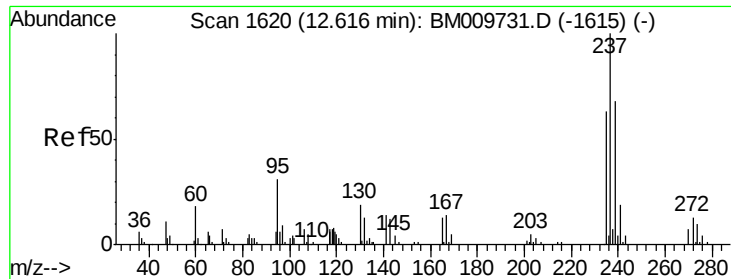
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

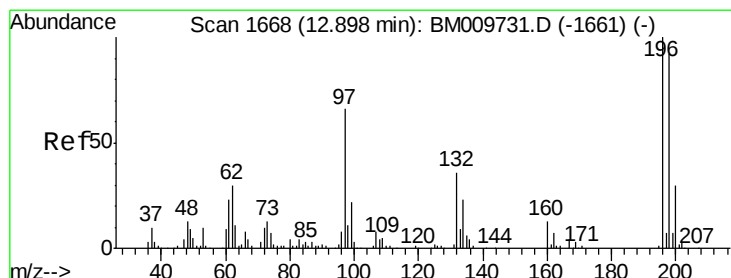
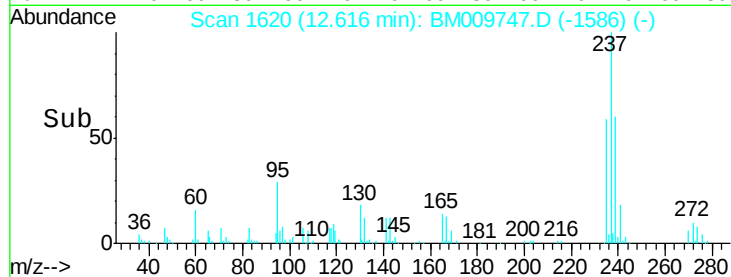
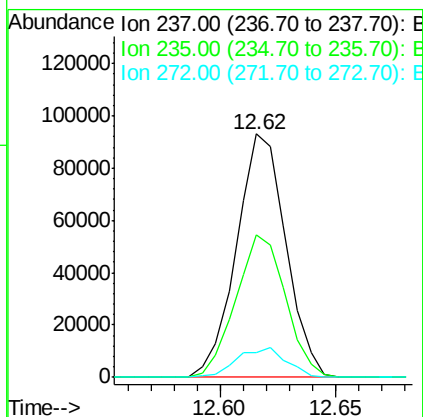
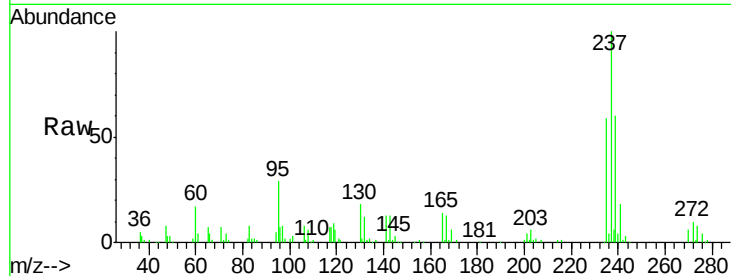




#37
Hexachlorocyclopentadiene
Concen: 17.92 ng/ul
RT: 12.62 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BM009747.D
Acq: 27 Apr 2017 19:18

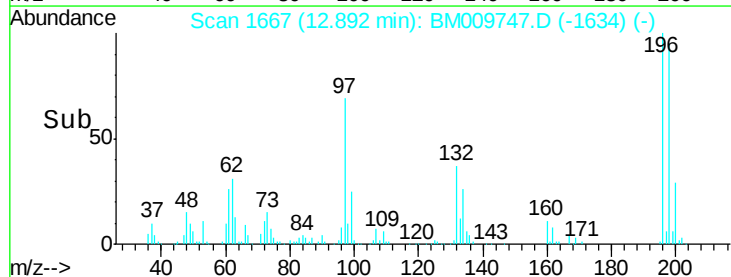
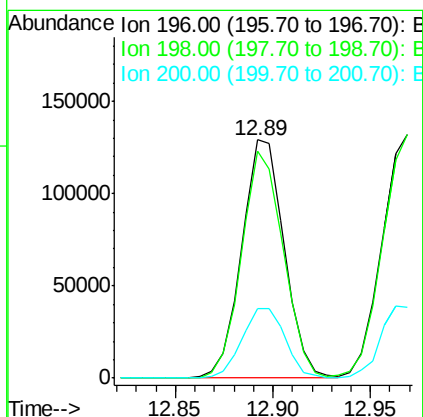
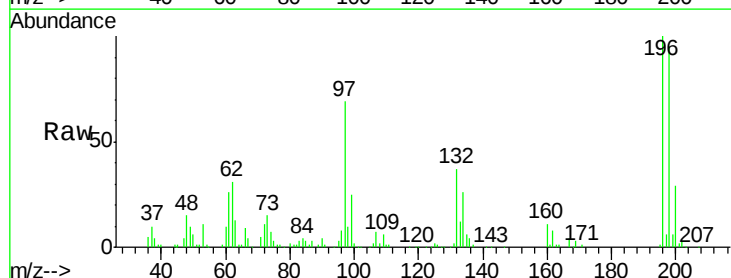
Instrument :
BNA_M
ClientSampleId :
SSTD02033

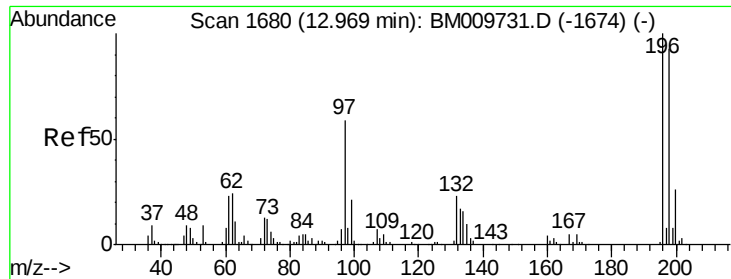
Tgt Ion:237 Resp: 138729
Ion Ratio Lower Upper
237 100
235 58.7 49.0 73.6
272 10.1 9.8 14.6



#38
2,4,6-Trichlorophenol
Concen: 19.78 ng/ul
RT: 12.89 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BM009747.D
Acq: 27 Apr 2017 19:18

Tgt Ion:196 Resp: 194714
Ion Ratio Lower Upper
196 100
198 95.3 70.2 105.2
200 29.4 23.8 35.6

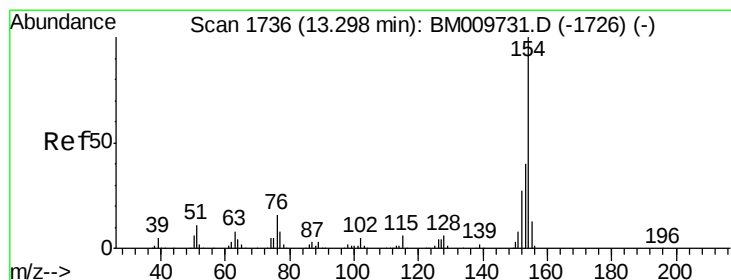
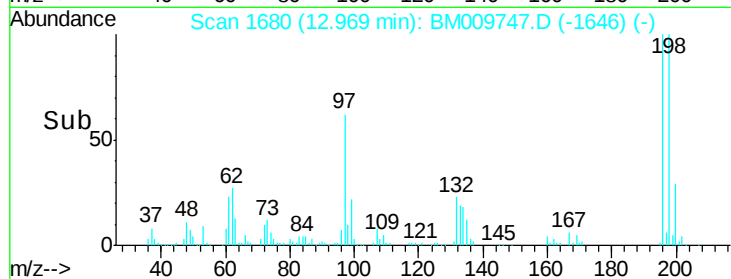
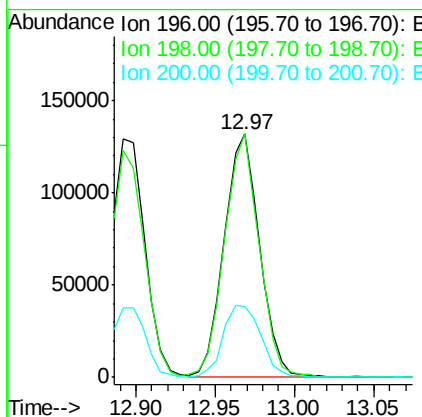
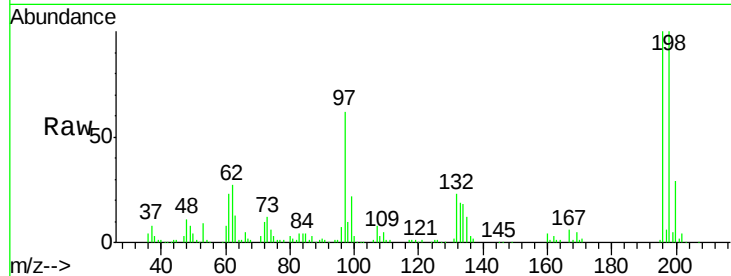




#39
 2,4,5-Trichlorophenol
 Concen: 20.08 ng/ul
 RT: 12.97 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BM009747.D
 Acq: 27 Apr 2017 19:18

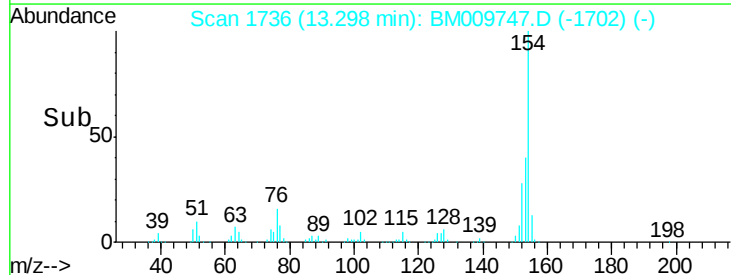
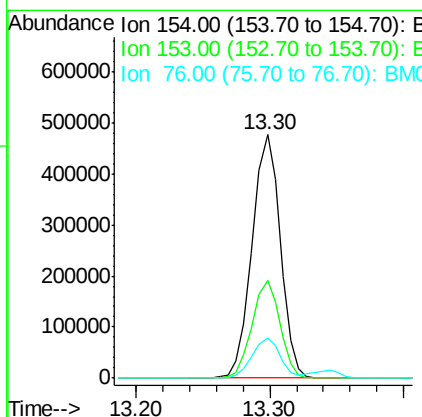
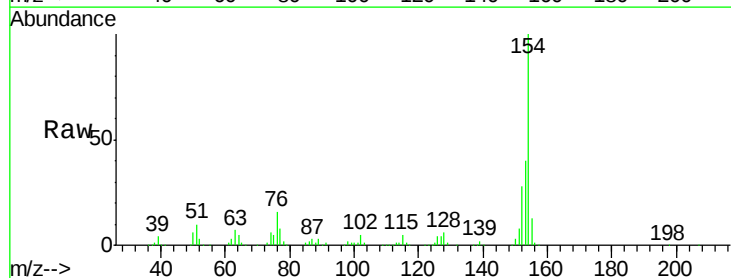
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02033

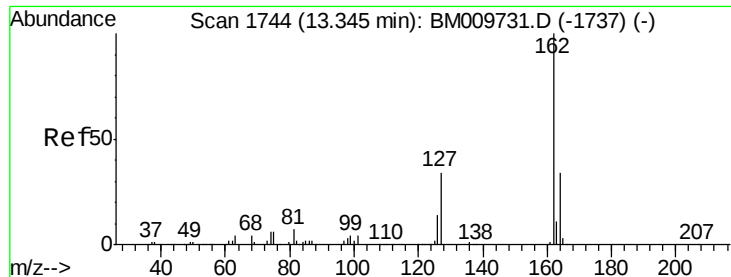
Tgt Ion:196 Resp: 203819
 Ion Ratio Lower Upper
 196 100
 198 100.0 72.2 108.4
 200 29.2 22.5 33.7



#40
 1,1'-Biphenyl
 Concen: 19.74 ng/ul
 RT: 13.30 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BM009747.D
 Acq: 27 Apr 2017 19:18

Tgt Ion:154 Resp: 693771
 Ion Ratio Lower Upper
 154 100
 153 40.2 35.7 53.5
 76 16.4 12.4 18.6

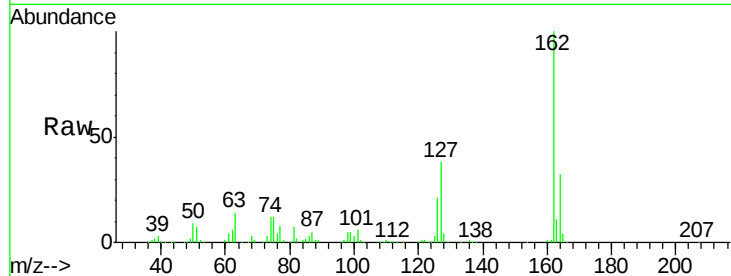




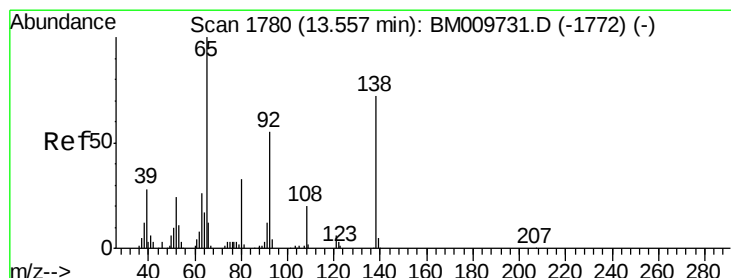
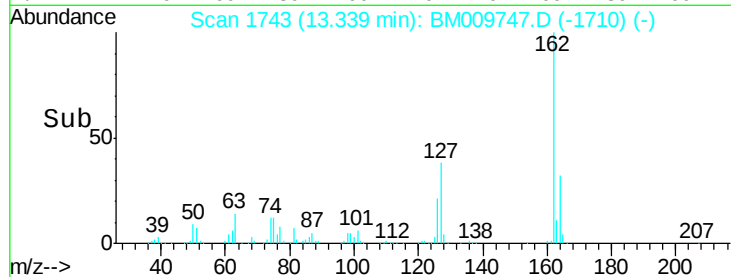
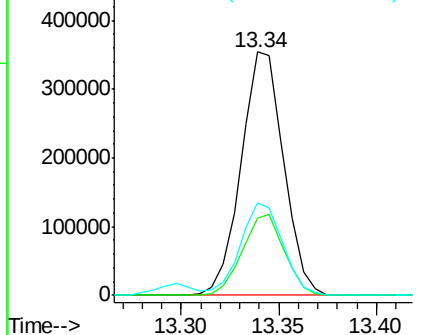
#41
2-Chloronaphthalene
Concen: 19.81 ng/ul
RT: 13.34 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BM009747.D
Acq: 27 Apr 2017 19:18

Instrument :
BNA_M
ClientSampleId :
SSTD02033

Tgt Ion: 162 Resp: 535592
Ion Ratio Lower Upper
162 100
164 31.7 25.0 37.4
127 37.9 33.7 50.5

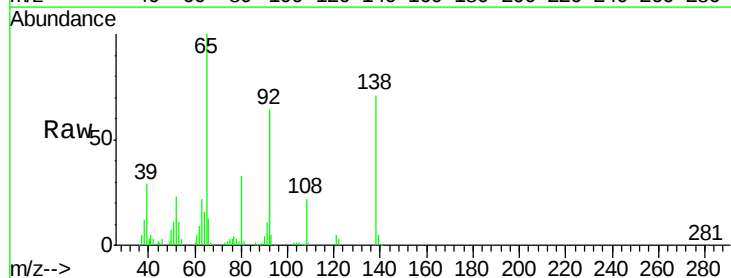


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

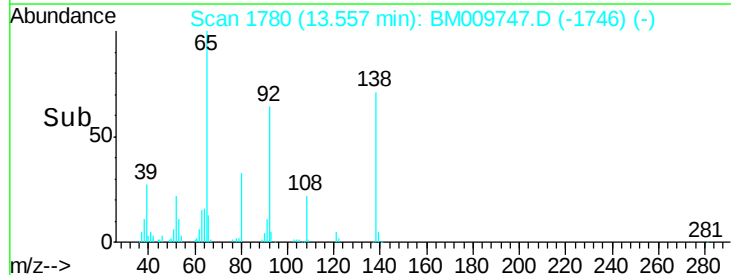
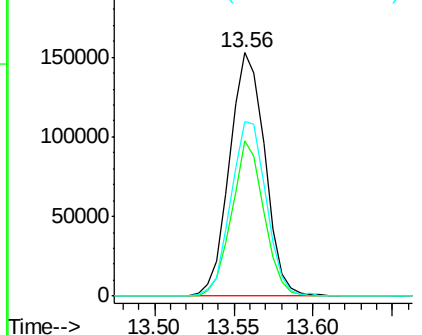


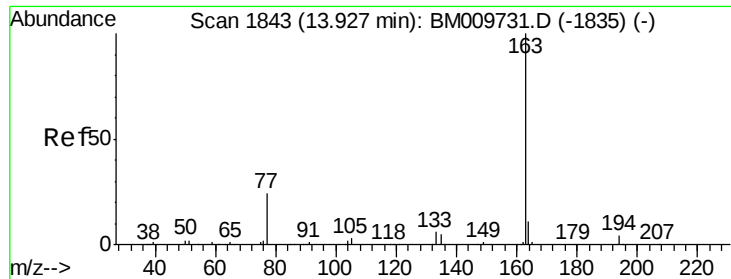
#42
2-Nitroaniline
Concen: 20.50 ng/ul
RT: 13.56 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BM009747.D
Acq: 27 Apr 2017 19:18

Tgt Ion: 65 Resp: 236079
Ion Ratio Lower Upper
65 100
92 63.7 41.6 62.4#
138 71.5 40.9 61.3#



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 19.05 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BM009747.D

Acq: 27 Apr 2017 19:18

Instrument :

BNA_M

ClientSampleId :

SSTD02033

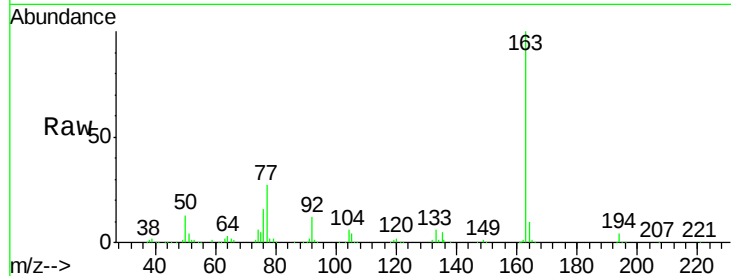
Tgt Ion:163 Resp: 700607

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

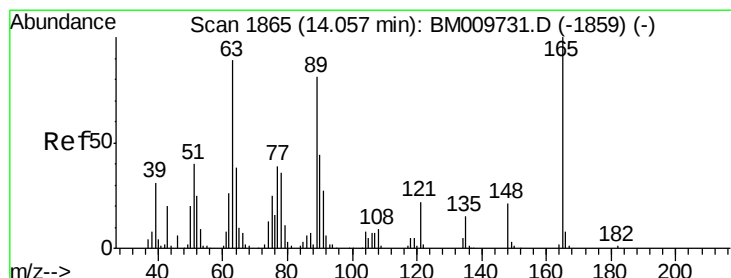
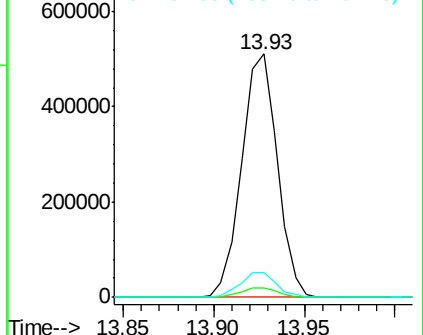
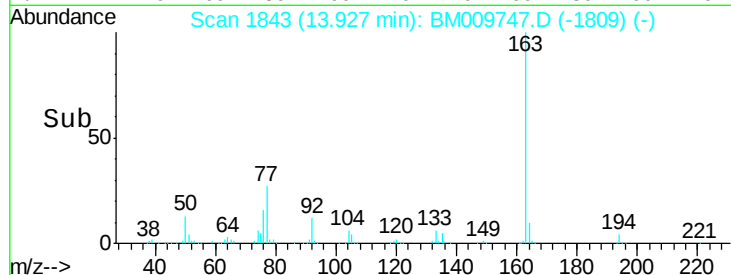
164 10.2 8.6 12.8



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



#45

2,6-Dinitrotoluene

Concen: 19.48 ng/ul

RT: 14.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BM009747.D

Acq: 27 Apr 2017 19:18

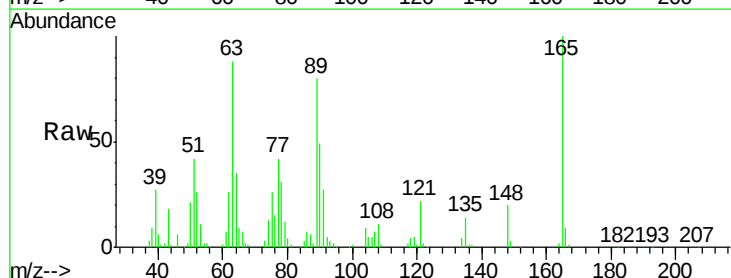
Tgt Ion:165 Resp: 143840

Ion Ratio Lower Upper

165 100

89 80.0 89.4 134.0#

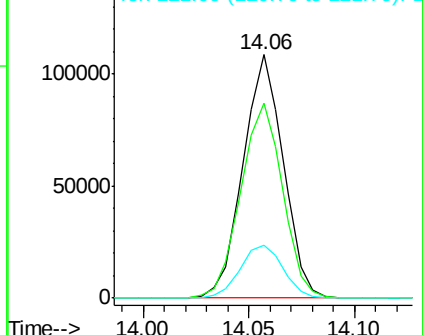
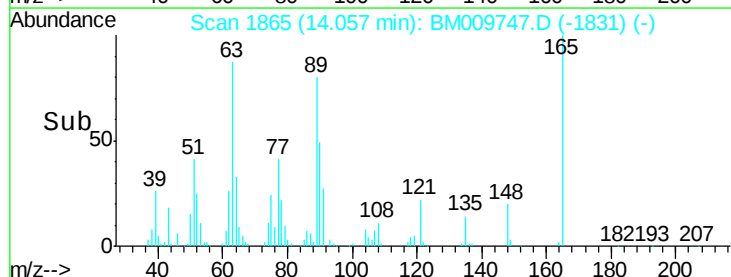
121 21.6 21.6 32.4

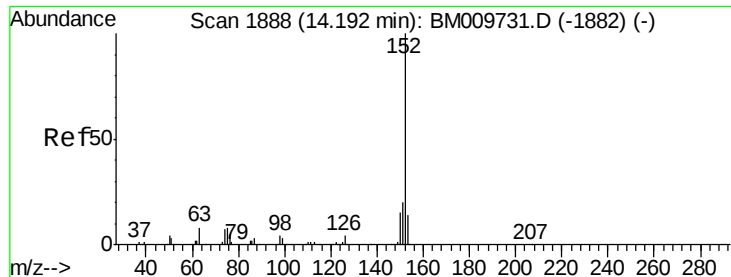


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.51 ng/ul

RT: 14.19 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BM009747.D

Acq: 27 Apr 2017 19:18

Instrument :

BNA_M

ClientSampleId :

SSTD02033

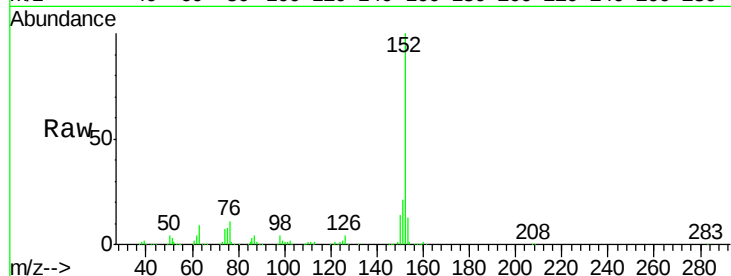
Tgt Ion:152 Resp: 862855

Ion Ratio Lower Upper

152 100

151 20.6 15.8 23.6

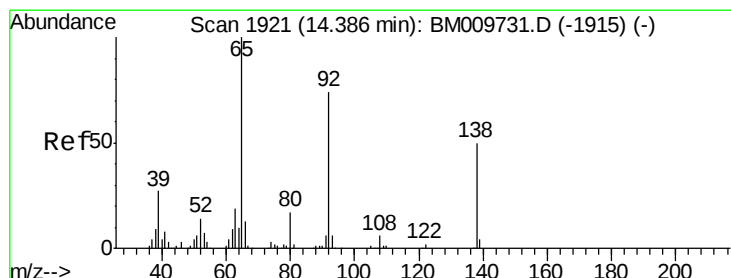
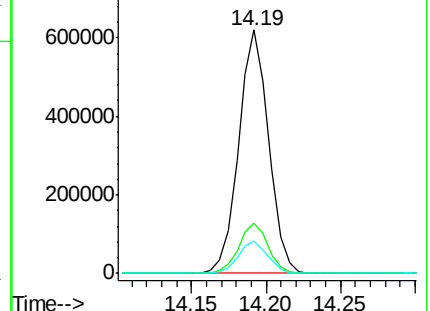
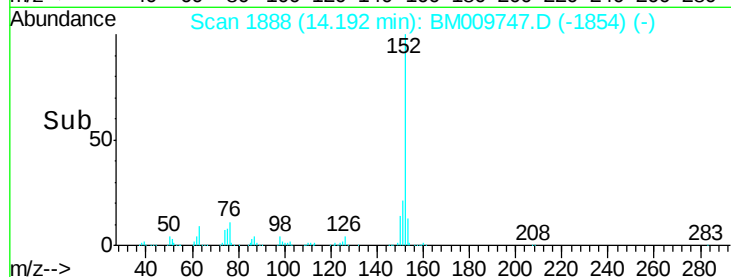
153 13.2 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 19.02 ng/ul

RT: 14.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BM009747.D

Acq: 27 Apr 2017 19:18

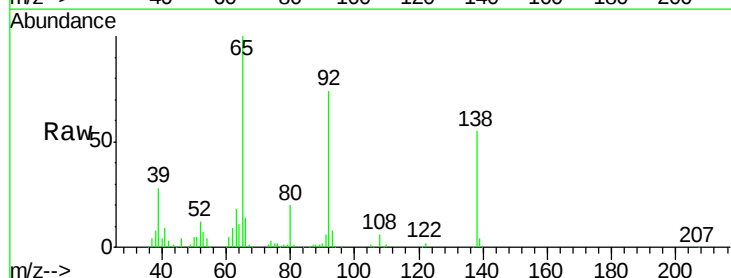
Tgt Ion:138 Resp: 138710

Ion Ratio Lower Upper

138 100

108 11.8 13.9 20.9#

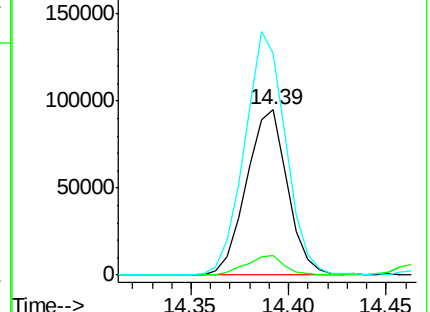
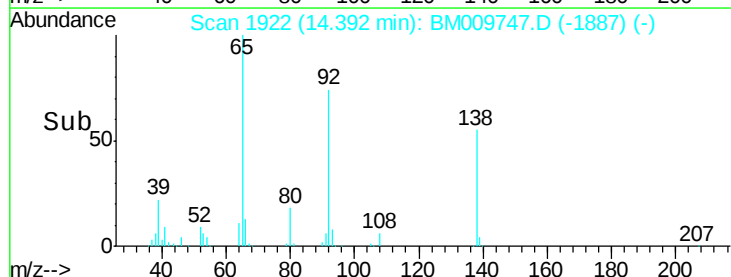
92 134.5 137.8 206.8#

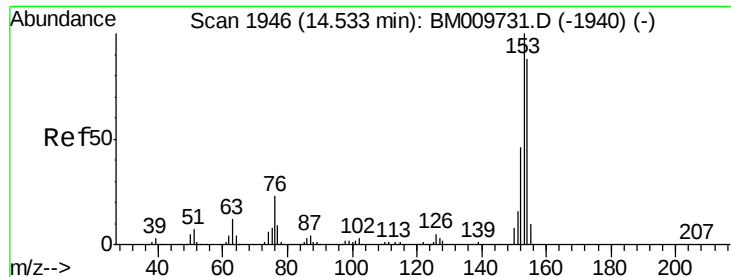


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.43 ng/ul

RT: 14.53 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BM009747.D

Acq: 27 Apr 2017 19:18

Instrument :

BNA_M

ClientSampleId :

SSTD02033

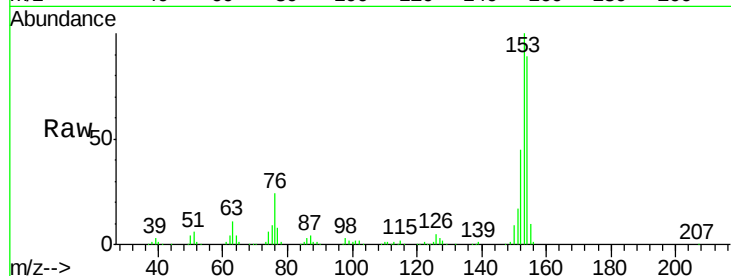
Tgt Ion:153 Resp: 584291

Ion Ratio Lower Upper

153 100

152 45.3 36.7 55.1

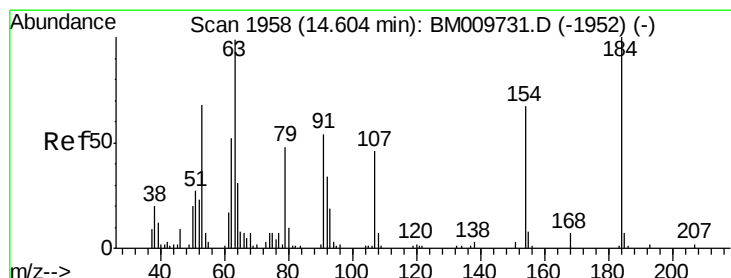
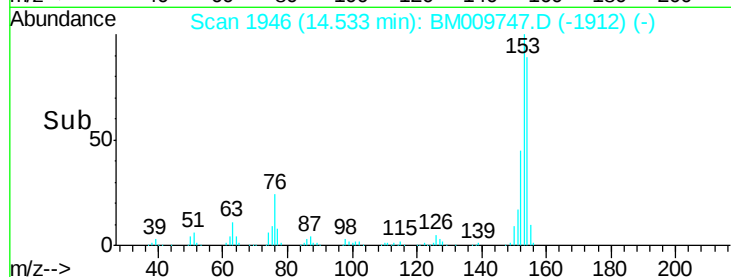
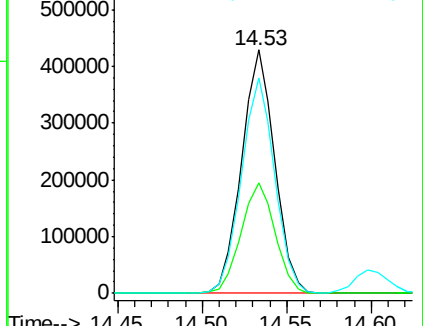
154 88.6 68.3 102.5



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 17.32 ng/ul

RT: 14.60 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM009747.D

Acq: 27 Apr 2017 19:18

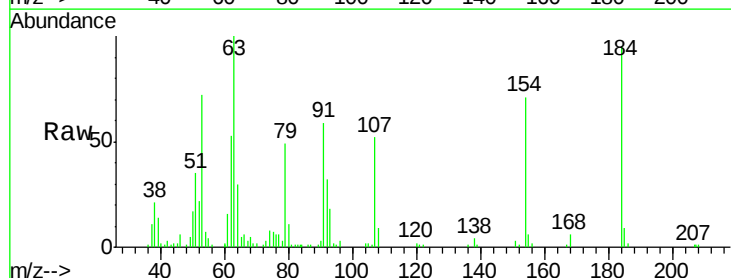
Tgt Ion:184 Resp: 85344

Ion Ratio Lower Upper

184 100

63 105.6 99.6 149.4

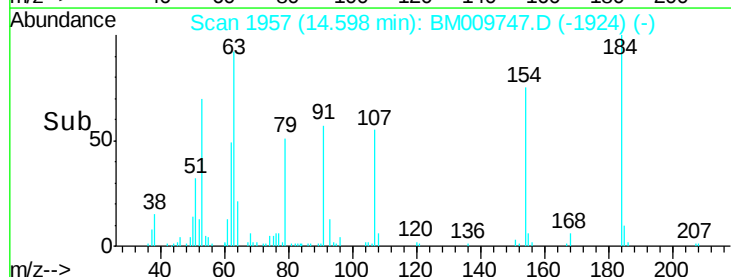
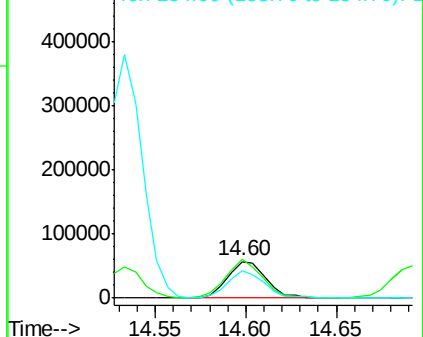
154 74.6 76.5 114.7#

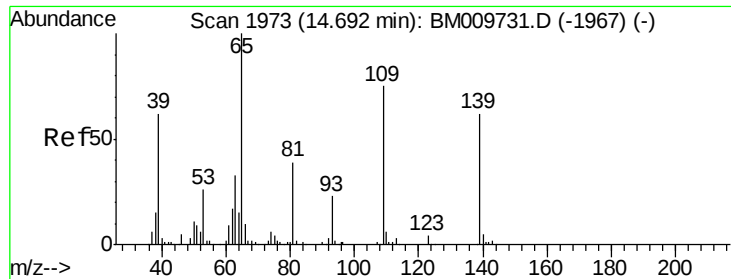


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

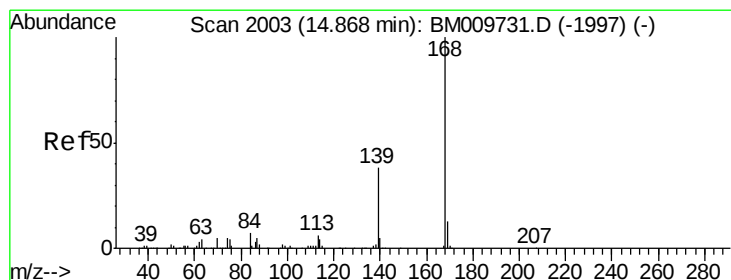
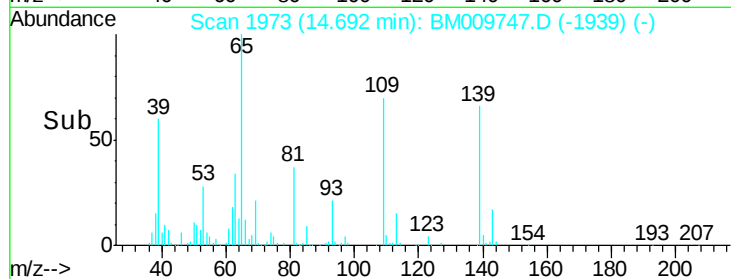
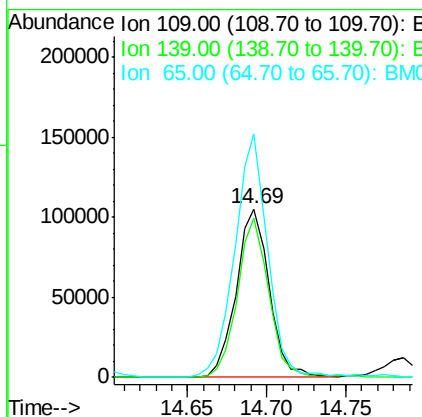
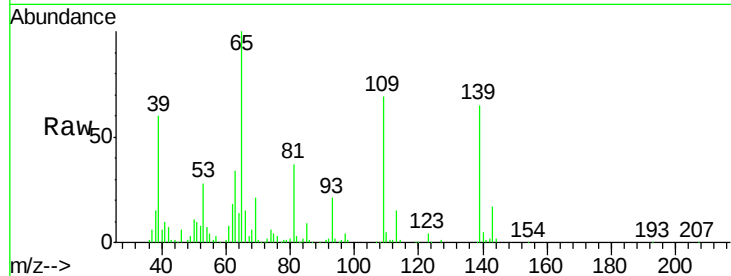




#52
4-Nitrophenol
Concen: 18.57 ng/ul
RT: 14.69 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BM009747.D
Acq: 27 Apr 2017 19:18

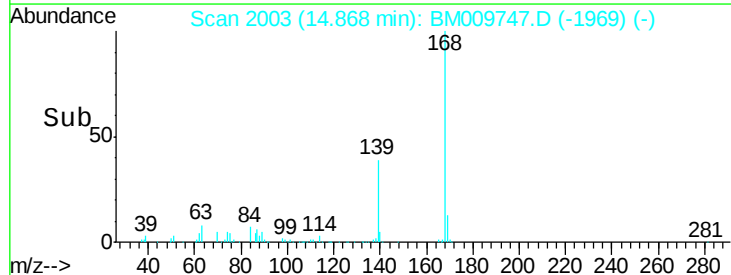
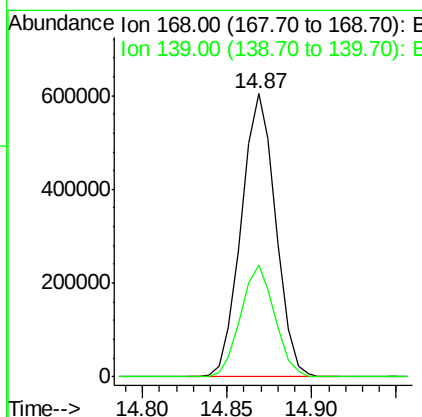
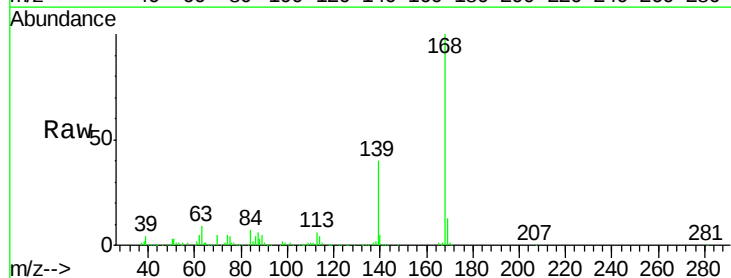
Instrument :
BNA_M
ClientSampleId :
SSTD02033

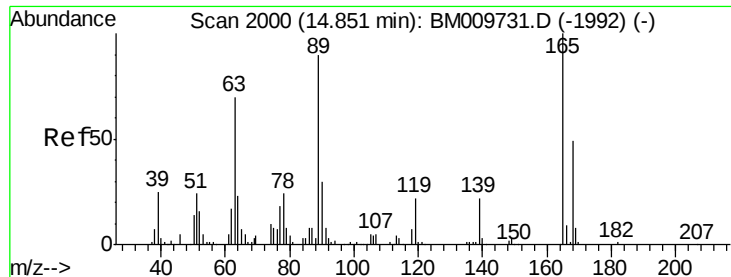
Tgt Ion:109 Resp: 152679
Ion Ratio Lower Upper
109 100
139 94.5 33.9 50.9#
65 144.4 92.2 138.2#



#53
Dibenzofuran
Concen: 19.43 ng/ul
RT: 14.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM009747.D
Acq: 27 Apr 2017 19:18

Tgt Ion:168 Resp: 855722
Ion Ratio Lower Upper
168 100
139 39.7 35.6 53.4

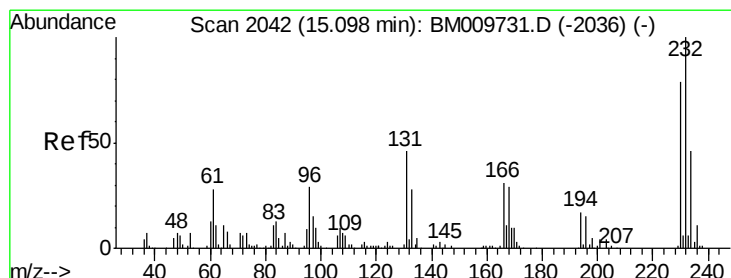
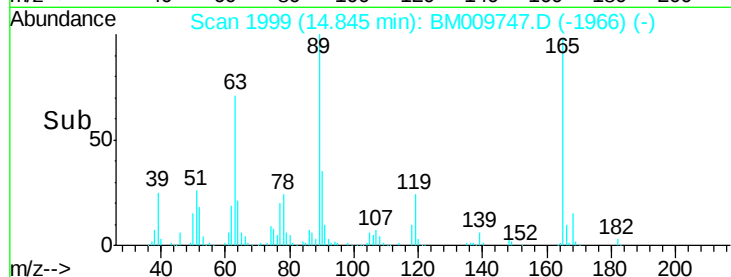
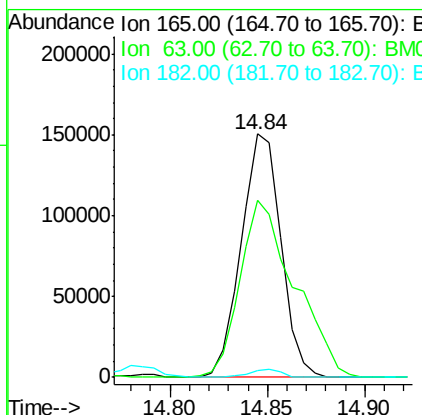
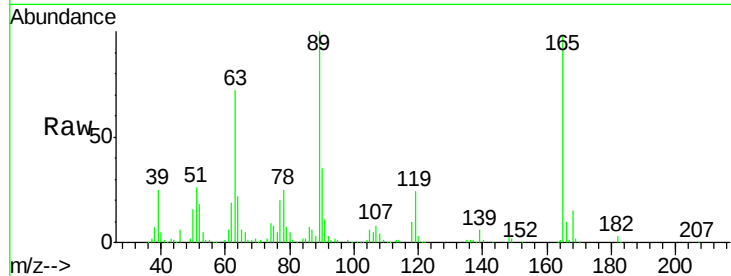




#54
 2,4-Dinitrotoluene
 Concen: 19.14 ng/ul
 RT: 14.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BM009747.D
 Acq: 27 Apr 2017 19:18

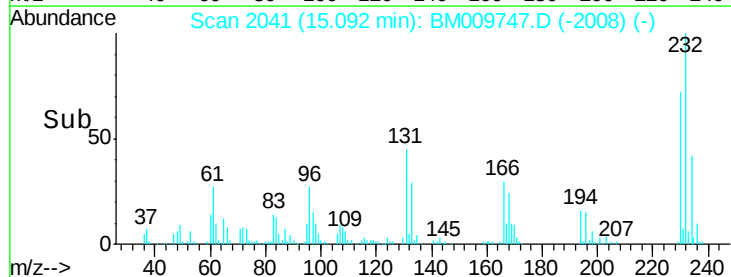
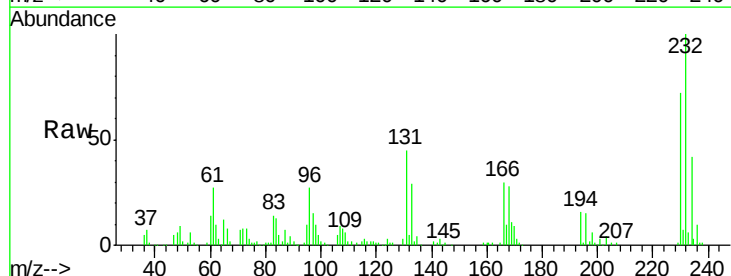
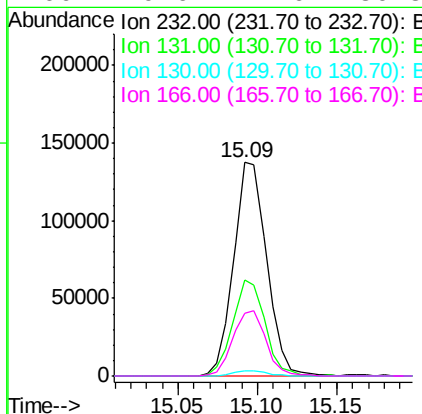
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02033

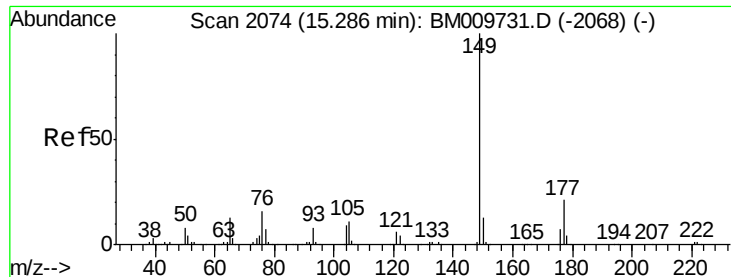
Tgt Ion:165 Resp: 213042
 Ion Ratio Lower Upper
 165 100
 63 72.7 75.7 113.5#
 182 2.9 1.7 2.5#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.25 ng/ul
 RT: 15.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BM009747.D
 Acq: 27 Apr 2017 19:18

Tgt Ion:232 Resp: 199296
 Ion Ratio Lower Upper
 232 100
 131 45.1 39.0 58.4
 130 2.6 2.8 4.2#
 166 29.6 24.6 36.8

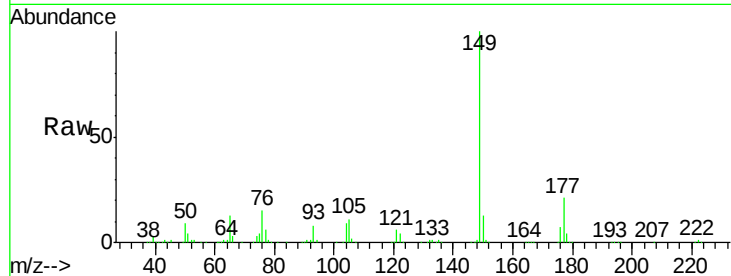




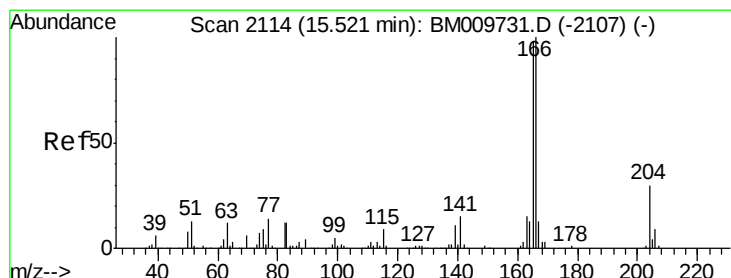
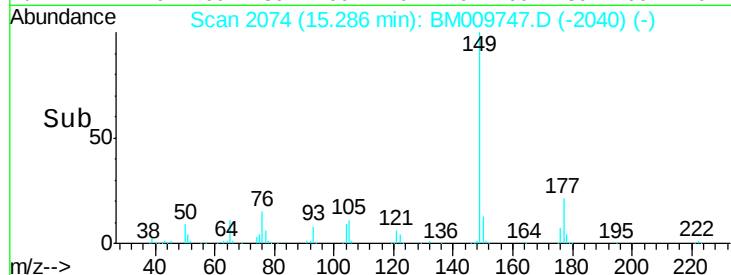
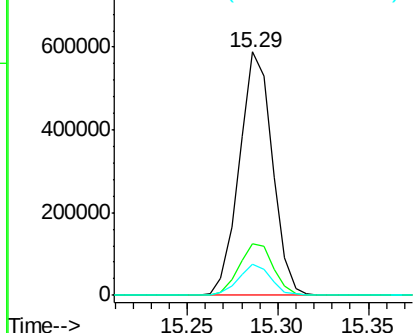
#56
Diethylphthalate
Concen: 18.61 ng/ul
RT: 15.29 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BM009747.D
Acq: 27 Apr 2017 19:18

Instrument :
BNA_M
ClientSampleId :
SSTD02033

Tgt Ion:149 Resp: 746413
Ion Ratio Lower Upper
149 100
177 21.2 17.3 25.9
150 12.6 11.0 16.6

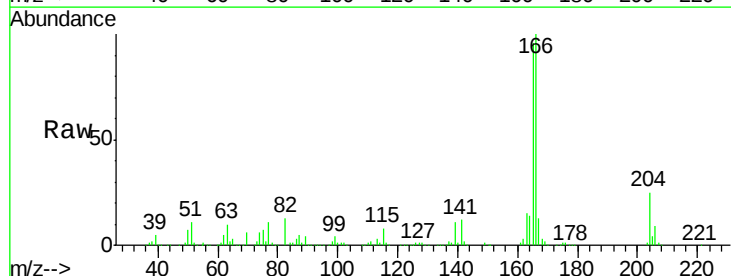


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

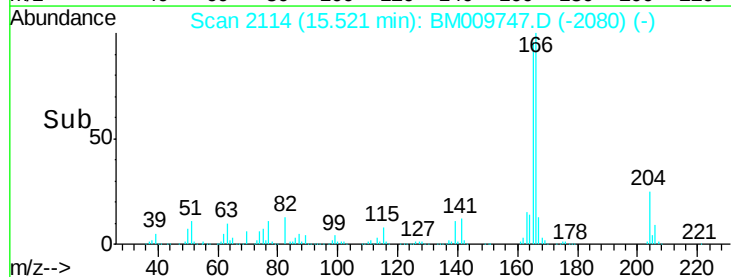
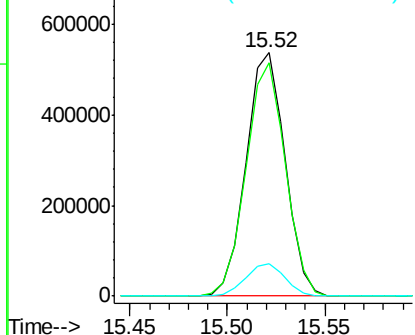


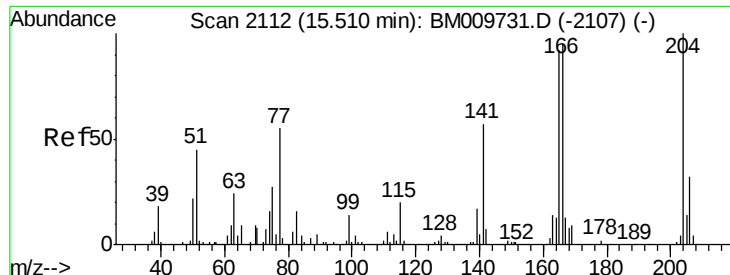
#58
Fluorene
Concen: 19.83 ng/ul
RT: 15.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BM009747.D
Acq: 27 Apr 2017 19:18

Tgt Ion:166 Resp: 745518
Ion Ratio Lower Upper
166 100
165 96.1 81.0 121.6
167 13.2 10.5 15.7



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

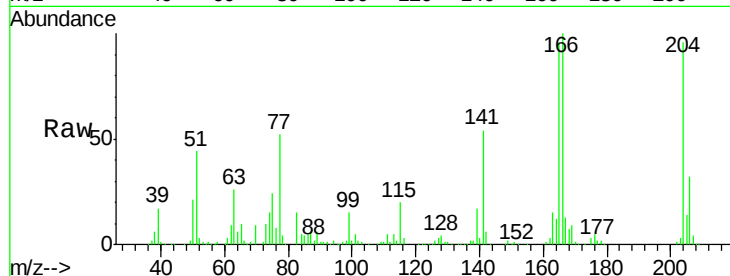




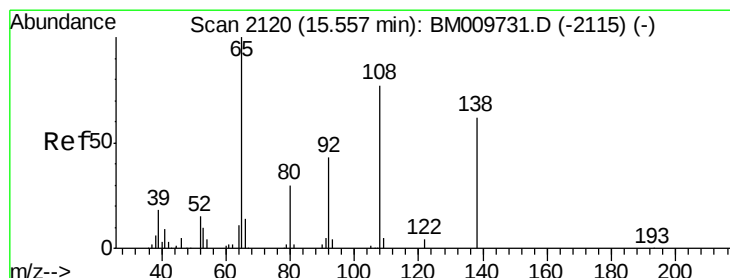
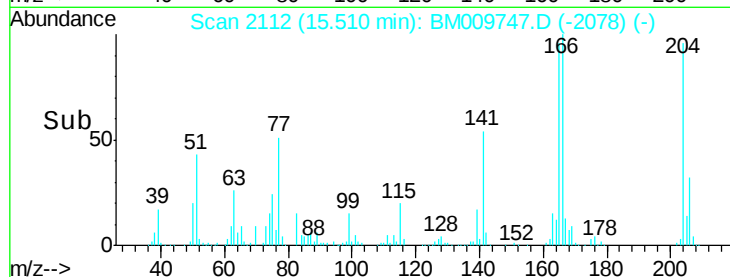
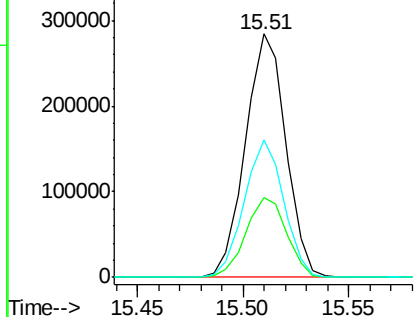
#59
4-Chlorophenyl-phenylether
Concen: 19.38 ng/ul
RT: 15.51 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BM009747.D
Acq: 27 Apr 2017 19:18

Instrument :
BNA_M
ClientSampleId :
SSTD02033

Tgt Ion:204 Resp: 377451
Ion Ratio Lower Upper
204 100
206 32.8 22.6 34.0
141 56.5 48.3 72.5

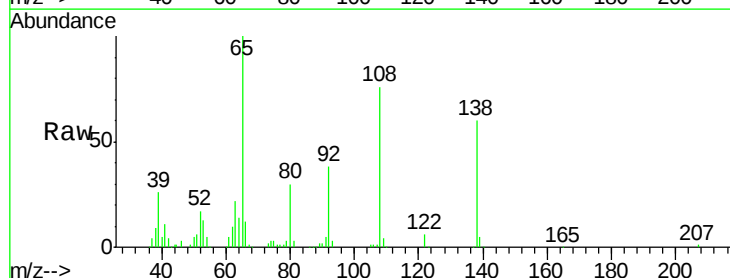


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

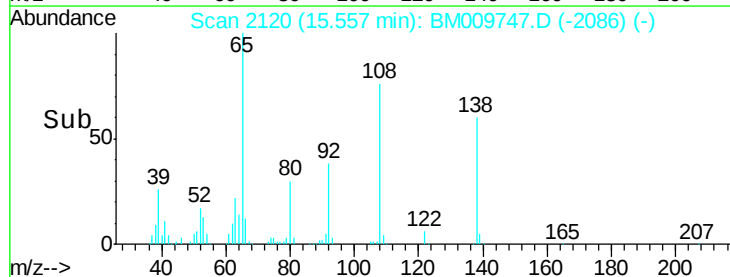
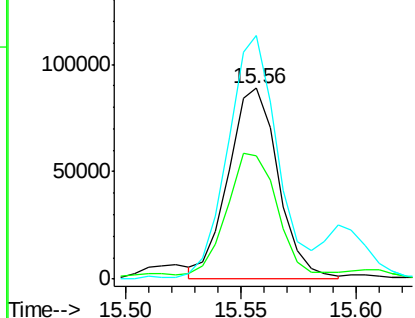


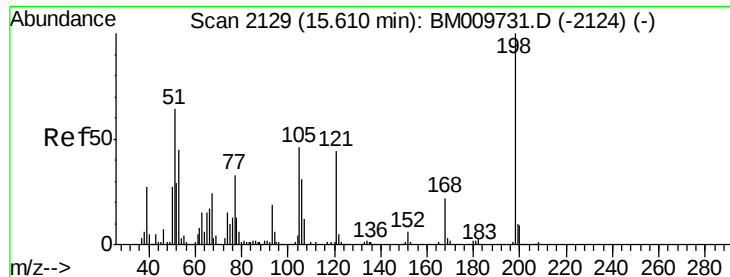
#60
4-Nitroaniline
Concen: 15.65 ng/ul
RT: 15.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BM009747.D
Acq: 27 Apr 2017 19:18

Tgt Ion:138 Resp: 133236
Ion Ratio Lower Upper
138 100
92 64.3 79.3 118.9#
108 127.5 207.0 310.4#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#63

4,6-Dinitro-2-methylphenol

Concen: 18.18 ng/ul

RT: 15.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BM009747.D

Acq: 27 Apr 2017 19:18

Instrument :

BNA_M

ClientSampleId :

SSTD02033

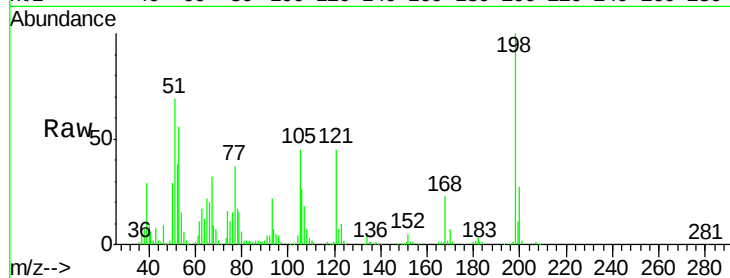
Tgt Ion:198 Resp: 138671

Ion Ratio Lower Upper

198 100

182 3.3 3.0 4.4

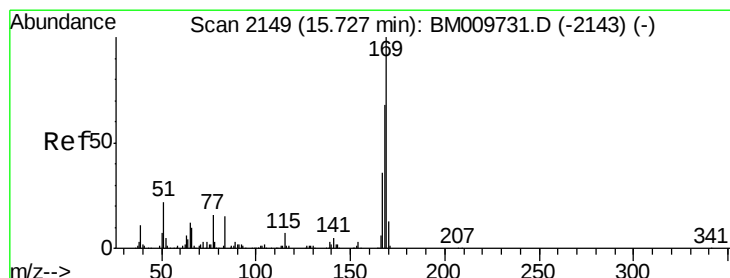
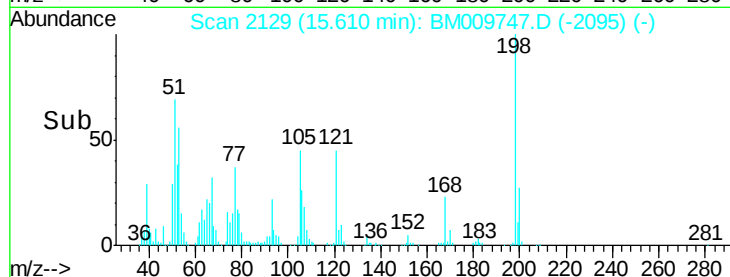
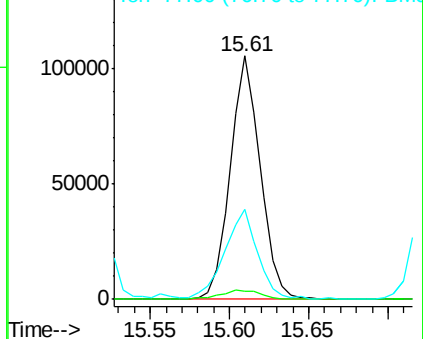
77 37.2 37.6 56.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM



#64

N-Nitrosodiphenylamine

Concen: 19.25 ng/ul

RT: 15.73 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BM009747.D

Acq: 27 Apr 2017 19:18

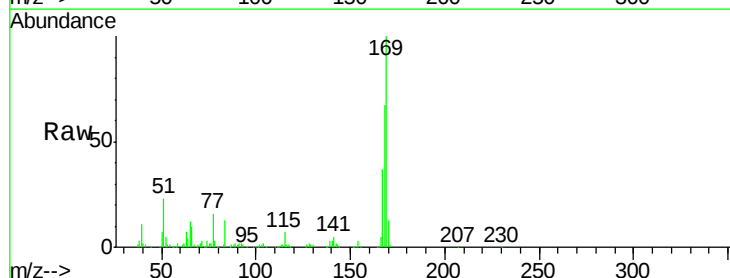
Tgt Ion:169 Resp: 618988

Ion Ratio Lower Upper

169 100

168 66.9 53.4 80.2

167 37.4 30.2 45.2



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

