

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032817\
 Data File : BM009416.D
 Acq On : 27 Mar 2017 16:34
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02034

Quant Time: Mar 28 02:16:09 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 27 04:18:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	124055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	505694	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	325323	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	773889	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1053348	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	1009995	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	25623	7.87	ng/uL	0.00
5) Phenol-d5	7.01	99	219024	19.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	163083	20.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	156039	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	166178	19.84	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	73449	19.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	78829	19.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	162511	20.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	201265	22.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	501671	21.93	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	632451	22.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	88087	20.88	ng/ul	0.00
57) Fluorene-d10	15.49	176	481944	22.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	84568	17.29	ng/ul	0.00
70) Anthracene-d10	17.34	188	767052	20.78	ng/ul	0.00
78) Pyrene-d10	19.63	212	867867	19.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.59	264	943927	20.29	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.36	88	29043	7.99	ng/uL#	65
4) Benzaldehyde	7.00	77	185180	23.57	ng/ul#	80
6) Phenol	7.03	94	240684	20.05	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.28	93	181758	19.44	ng/ul#	74
10) 2-Chlorophenol	7.41	128	161847	20.14	ng/ul#	69
11) 2-Methylphenol	8.29	108	160752	19.36	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.38	45	314427	20.73	ng/ul#	86
14) Acetophenone	8.67	105	292783	20.50	ng/ul#	70
15) N-Nitroso-di-n-propylamine	8.66	70	172258	20.90	ng/ul#	77
16) 4-Methylphenol	8.62	108	183657	20.37	ng/ul	99
17) Hexachloroethane	8.93	117	80104	20.66	ng/ul	96
20) Nitrobenzene	9.06	77	264919	21.14	ng/ul#	76
21) Isophorone	9.57	82	428095	20.54	ng/ul#	93
23) 2-Nitrophenol	9.76	139	85543	20.06	ng/ul#	64
24) 2,4-Dimethylphenol	9.82	107	221610	21.05	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.06	93	249005	20.62	ng/ul	98
27) 2,4-Dichlorophenol	10.29	162	168146	21.14	ng/ul	96
28) Naphthalene	10.70	128	529650	20.69	ng/ul	99
30) 4-Chloroaniline	10.82	127	211041	21.92	ng/ul	97
31) Hexachlorobutadiene	10.97	225	125117	20.08	ng/ul	93
32) Caprolactam	11.59	113	34356	14.02	ng/ul#	35
33) 4-Chloro-3-methylphenol	11.93	107	185987	20.82	ng/ul	90
34) 2-Methylnaphthalene	12.31	142	391557	21.22	ng/ul	99

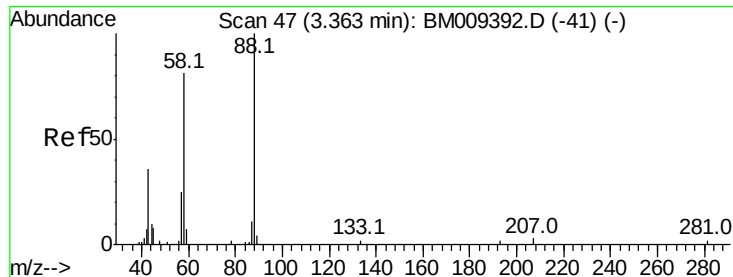
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	236095	21.60	ng/ul	96
37) Hexachlorocyclopentadiene	12.65	237	133620	19.49	ng/ul	98
38) 2,4,6-Trichlorophenol	12.92	196	133817	20.91	ng/ul	99
39) 2,4,5-Trichlorophenol	12.99	196	150796	21.84	ng/ul	99
40) 1,1'-Biphenyl	13.33	154	523849	21.79	ng/ul#	97
41) 2-Chloronaphthalene	13.37	162	404322	21.62	ng/ul	96
42) 2-Nitroaniline	13.58	65	148592	21.56	ng/ul#	68
44) Dimethylphthalate	13.95	163	500480	21.93	ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	97515	22.11	ng/ul#	72
47) Acenaphthylene	14.22	152	636394	22.26	ng/ul	99
48) 3-Nitroaniline	14.41	138	101736	22.37	ng/ul#	70
49) Acenaphthene	14.56	153	447854	22.31	ng/ul	98
50) 2,4-Dinitrophenol	14.62	184	49302	16.27	ng/ul#	81
52) 4-Nitrophenol	14.70	109	104247	21.09	ng/ul#	73
53) Dibenzofuran	14.89	168	665414	22.87	ng/ul	97
54) 2,4-Dinitrotoluene	14.86	165	152205	23.08	ng/ul#	52
55) 2,3,4,6-Tetrachlorophenol	15.12	232	142362	22.88	ng/ul#	89
56) Diethylphthalate	15.32	149	538064	22.98	ng/ul	99
58) Fluorene	15.54	166	551087	23.22	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.54	204	282364	22.31	ng/ul#	86
60) 4-Nitroaniline	15.57	138	118665	24.56	ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	15.63	198	93822	17.84	ng/ul#	95
64) N-Nitrosodiphenylamine	15.75	169	476459	20.40	ng/ul	99
65) 4-Bromophenyl-phenylether	16.43	248	174667	20.15	ng/ul	88
66) Hexachlorobenzene	16.54	284	197022	20.17	ng/ul	93
67) Atrazine	16.70	200	174872	19.64	ng/ul	96
68) Pentachlorophenol	16.89	266	106677	18.04	ng/ul	97
69) Phenanthrene	17.29	178	883635	20.28	ng/ul	98
71) Anthracene	17.37	178	920611	20.64	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	207953	18.28	ng/uL	99
73) Pentachlorobenzene	14.81	250	216335	19.23	ng/uL	98
74) Carbazole	17.65	167	807424	20.08	ng/ul	98
75) Di-n-butylphthalate	18.20	149	901985	20.78	ng/ul#	98
76) Fluoranthene	19.30	202	1074291	20.40	ng/ul	99
79) Pvrene	19.66	202	1143824	19.77	ng/ul	98
80) Butylbenzylphthalate	20.55	149	400360	18.96	ng/ul#	75
81) 3,3'-Dichlorobenzidine	21.34	252	418215	20.69	ng/ul#	96
82) Benzo(a)anthracene	21.40	228	1201178	20.06	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.32	149	592168	19.11	ng/ul#	99
84) Chrysene	21.46	228	1166636	20.55	ng/ul	98
86) Di-n-octyl phthalate	22.22	149	1060995	18.10	ng/ul#	86
87) Benzo(b)fluoranthene	23.04	252	1246953	20.44	ng/ul#	97
88) Benzo(k)fluoranthene	23.09	252	1167779	20.10	ng/ul	98
90) Benzo(a)pyrene	23.64	252	1187415	20.42	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	26.11	276	1371720	20.71	ng/ul#	91
92) Dibenzo(a,h)anthracene	26.11	278	1164114	20.52	ng/ul#	95
93) Benzo(g,h,i)perylene	26.84	276	1138756	20.64	ng/ul#	93

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



#2

1,4-Dioxane

Concen: 7.99 ng/uL

RT: 3.36 min Scan# 47

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

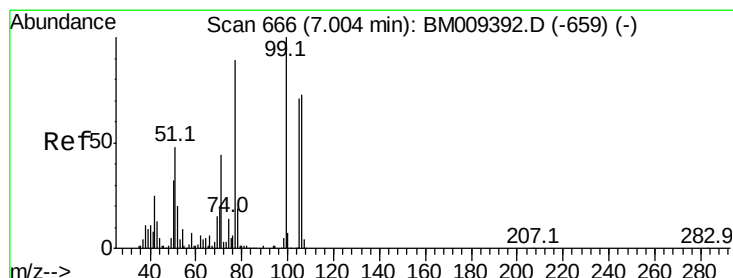
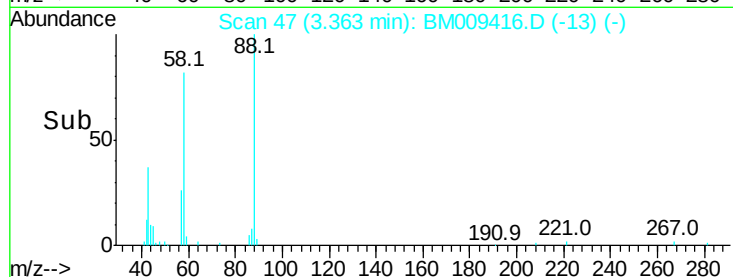
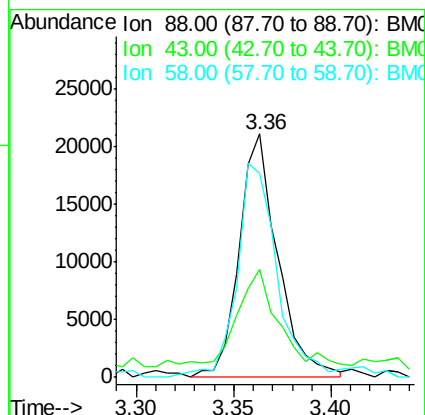
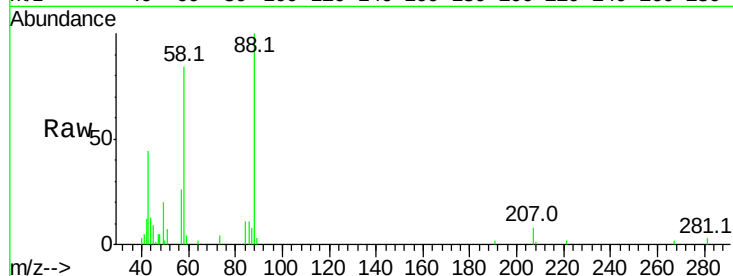
Tot Ion: 88 Resp: 29043

Ion Ratio Lower Upper

88 100

43 40.9 21.0 31.6#

58 88.2 47.8 71.8#



#4

Benzaldehyde

Concen: 23.57 ng/uL

RT: 7.00 min Scan# 665

Delta R.T. -0.01 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

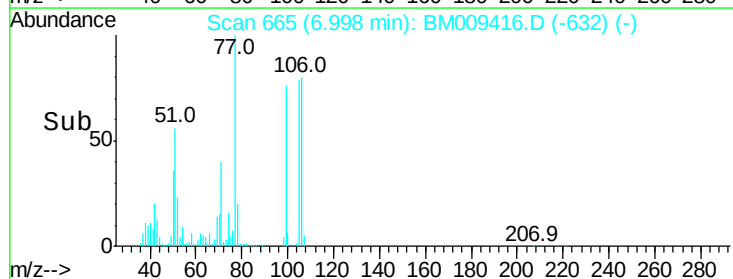
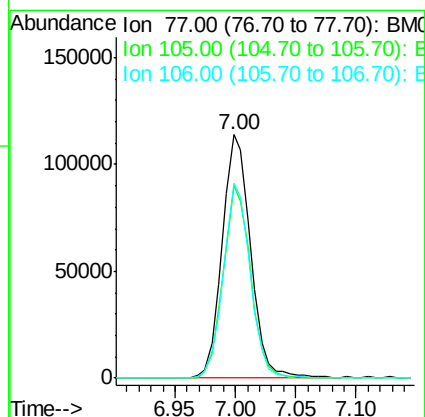
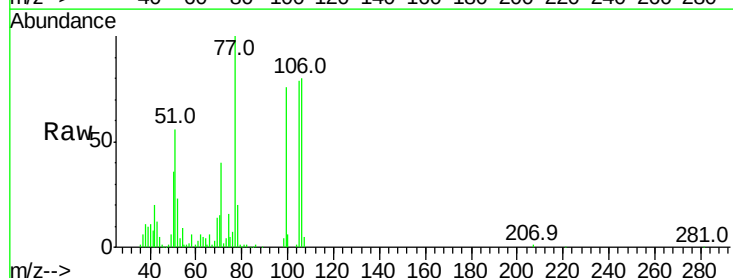
Tgt Ion: 77 Resp: 185180

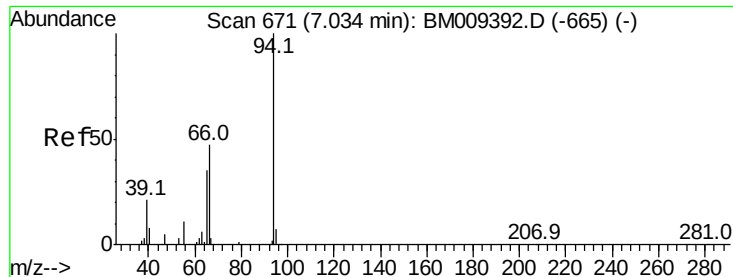
Ion Ratio Lower Upper

77 100

105 78.9 80.6 120.8#

106 80.2 77.7 116.5





#6

Phenol

Concen: 20.05 ng/ul

RT: 7.03 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

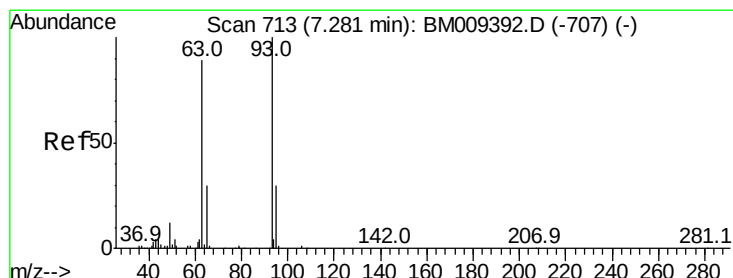
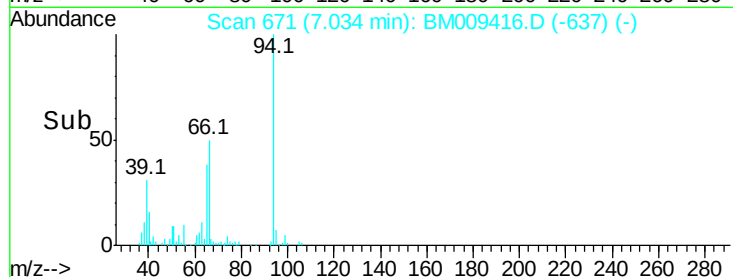
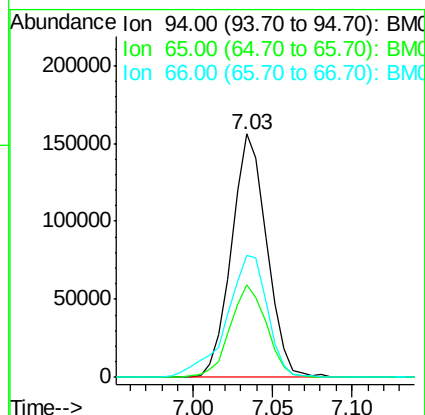
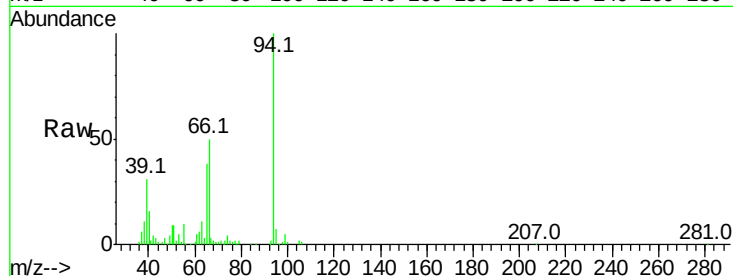
Tot Ion: 94 Resp: 240684

Ion Ratio Lower Upper

94 100

65 37.8 21.0 31.6#

66 50.1 29.3 43.9#



#8

Bis(2-Chloroethyl)ether

Concen: 19.44 ng/ul

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

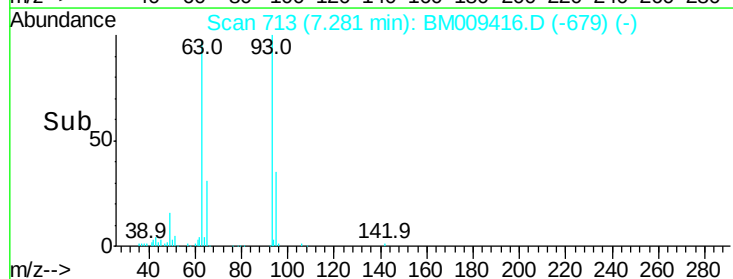
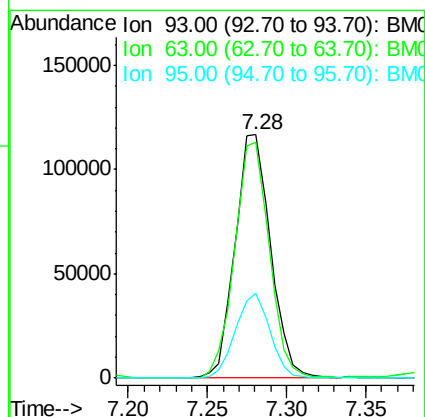
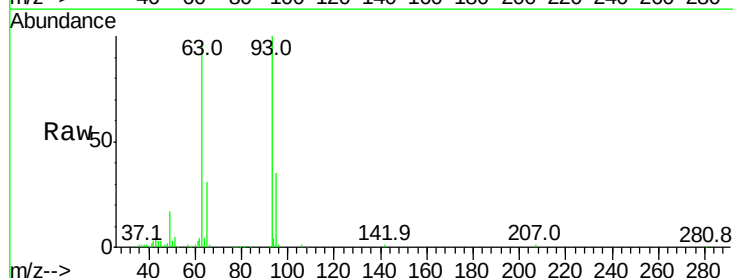
Tgt Ion: 93 Resp: 181758

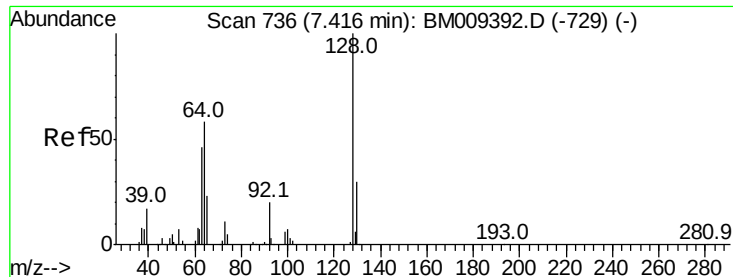
Ion Ratio Lower Upper

93 100

63 96.8 53.5 80.3#

95 34.7 26.2 39.2

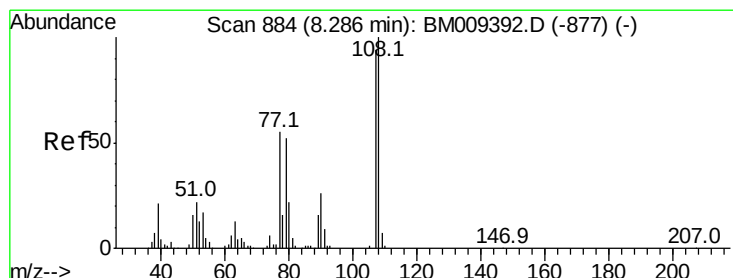
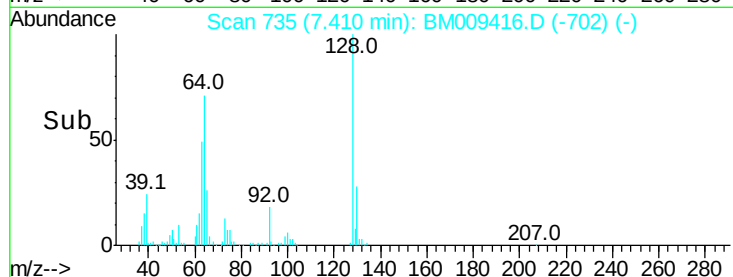
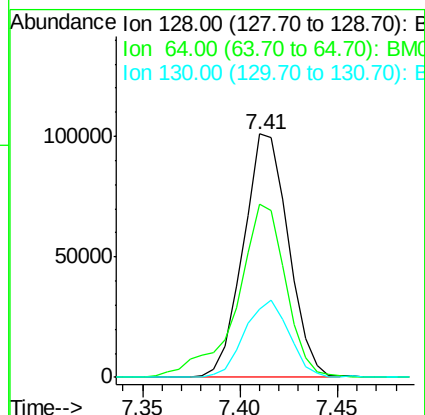
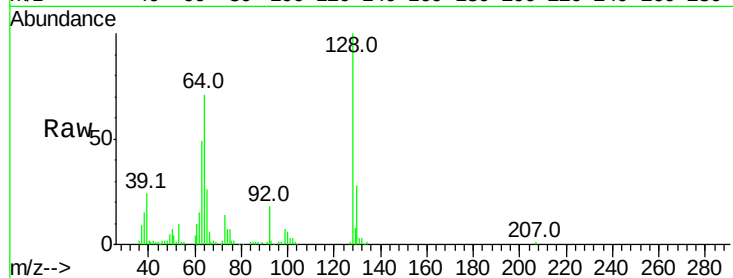




#10
2-Chlorophenol
Concen: 20.14 ng/ul
RT: 7.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BM009416.D
Acq: 27 Mar 2017 16:34

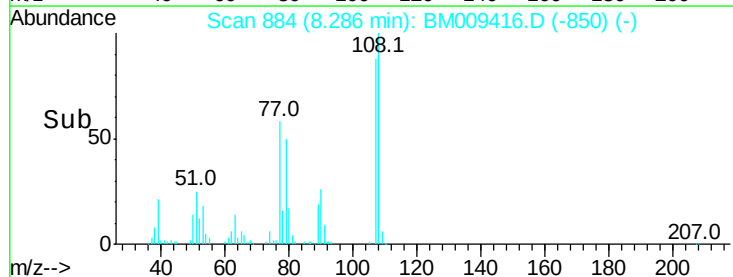
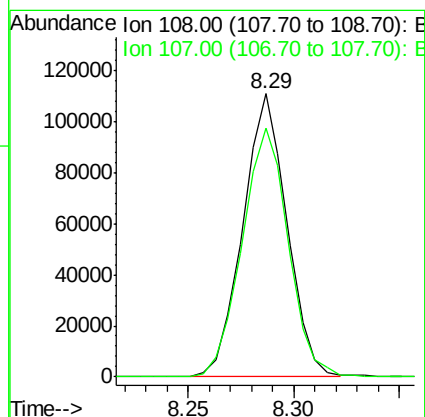
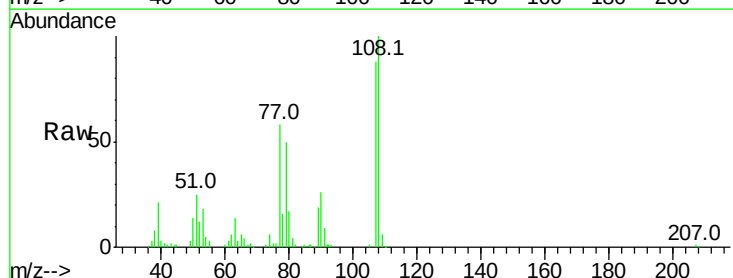
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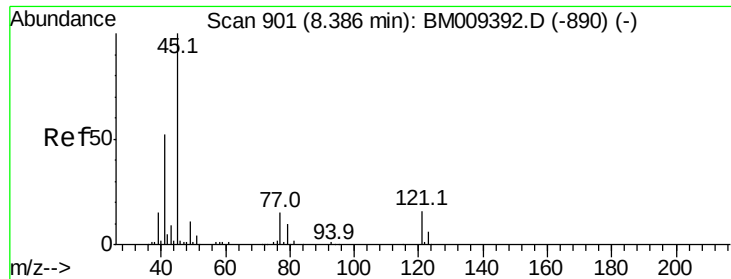
Tot Ion:128 Resp: 161847
Ion Ratio Lower Upper
128 100
64 71.1 31.9 47.9#
130 27.8 25.6 38.4



#11
2-Methylphenol
Concen: 19.36 ng/ul
RT: 8.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BM009416.D
Acq: 27 Mar 2017 16:34

Tgt Ion:108 Resp: 160752
Ion Ratio Lower Upper
108 100
107 88.0 72.4 108.6

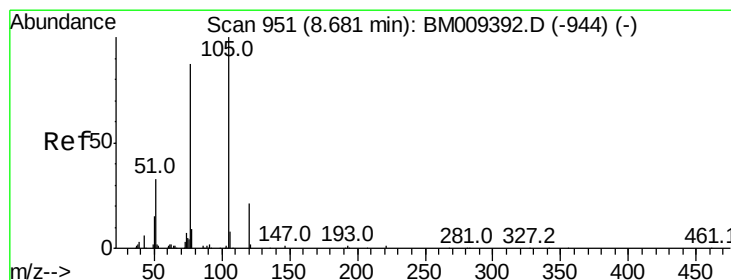
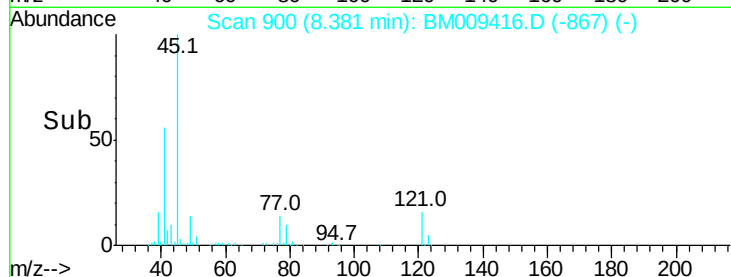
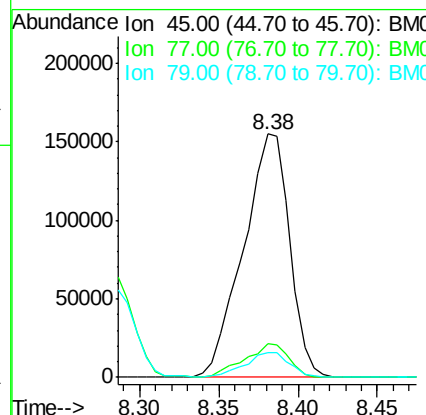
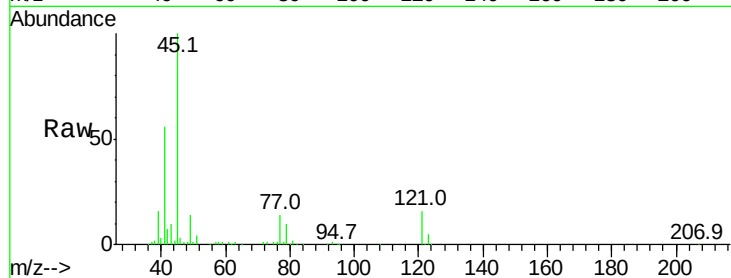




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 20.73 ng/ul
RT: 8.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BM009416.D
Acq: 27 Mar 2017 16:34

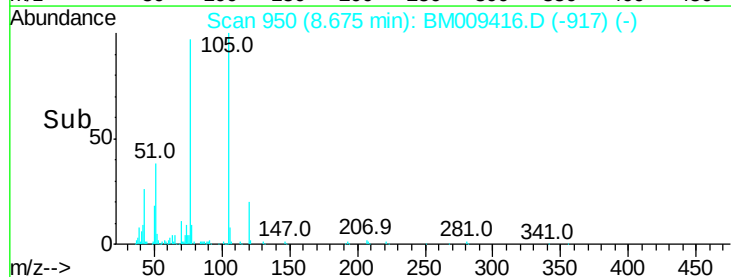
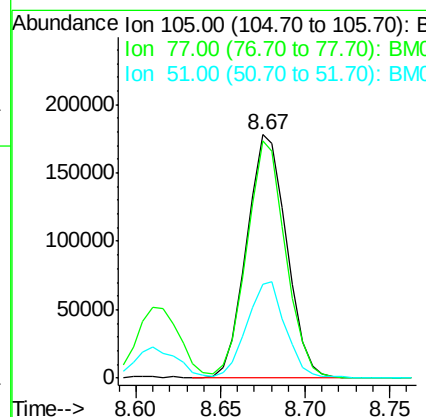
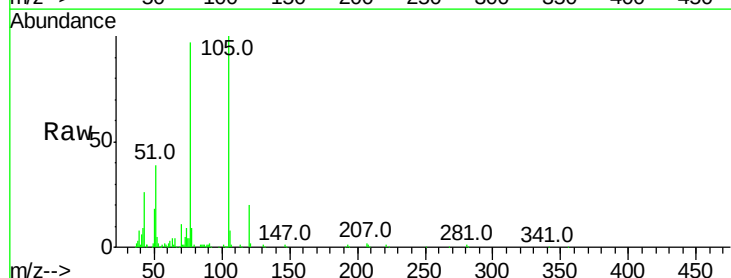
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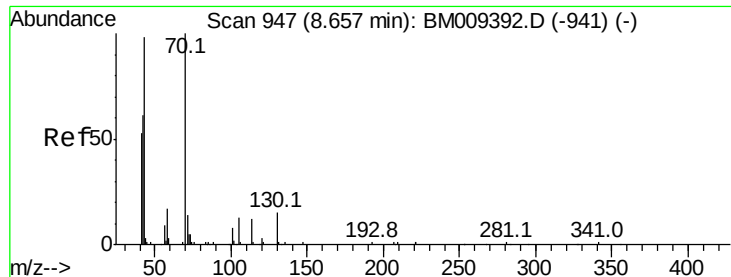
Tot Ion: 45 Resp: 314427
Ion Ratio Lower Upper
45 100
77 13.6 15.9 23.9#
79 9.9 12.5 18.7#



#14
Acetophenone
Concen: 20.50 ng/ul
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM009416.D
Acq: 27 Mar 2017 16:34

Tgt Ion: 105 Resp: 292783
Ion Ratio Lower Upper
105 100
77 97.3 59.0 88.4#
51 38.6 16.4 24.6#





#15

N-Nitroso-di-n-propylamine

Concen: 20.90 ng/ul

RT: 8.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

Tot Ion: 70 Resp: 172258

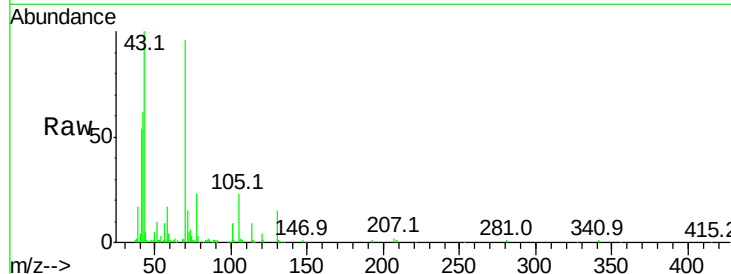
Ion Ratio Lower Upper

70 100

42 64.9 35.4 53.0#

101 9.3 8.4 12.6

130 15.3 18.2 27.4#

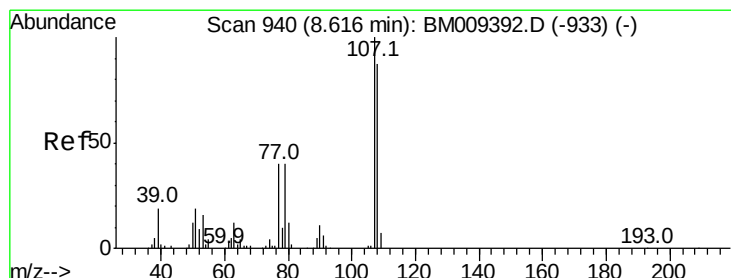
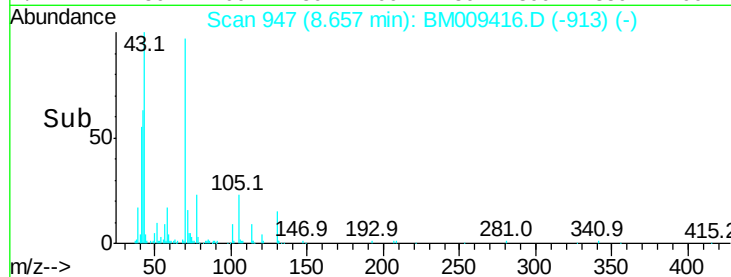
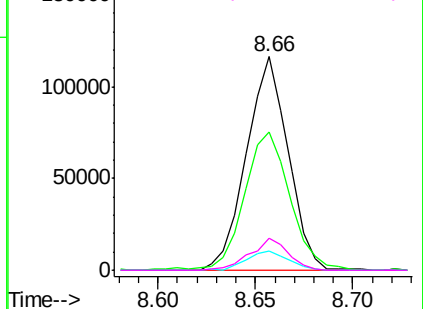


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 20.37 ng/ul

RT: 8.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BM009416.D

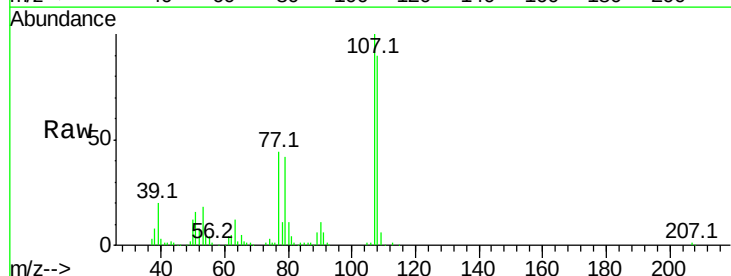
Acq: 27 Mar 2017 16:34

Tgt Ion: 108 Resp: 183657

Ion Ratio Lower Upper

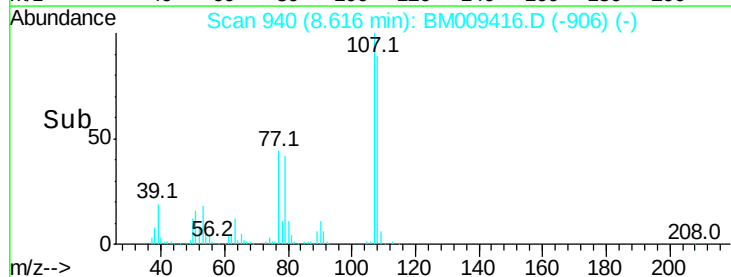
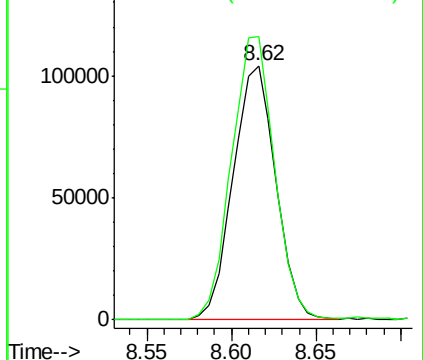
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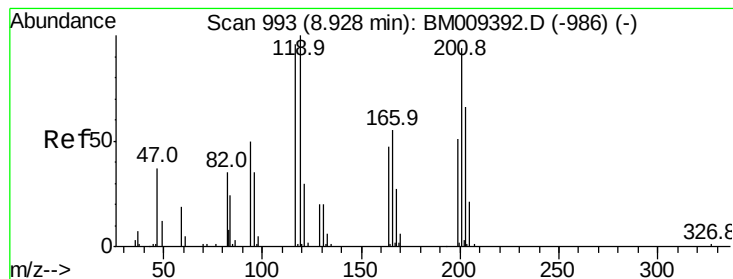
107 111.4 90.3 135.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 20.66 ng/ul

RT: 8.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

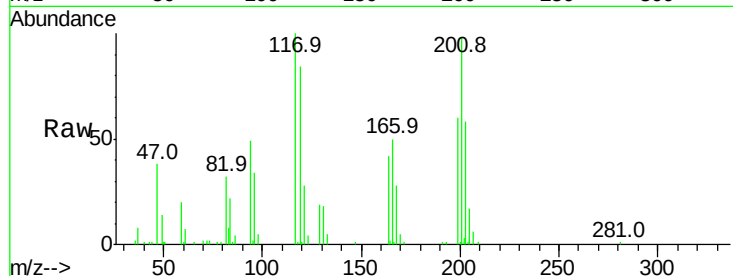
Tot Ion:117 Resp: 80104

Ion Ratio Lower Upper

117 100

201 98.2 81.5 122.3

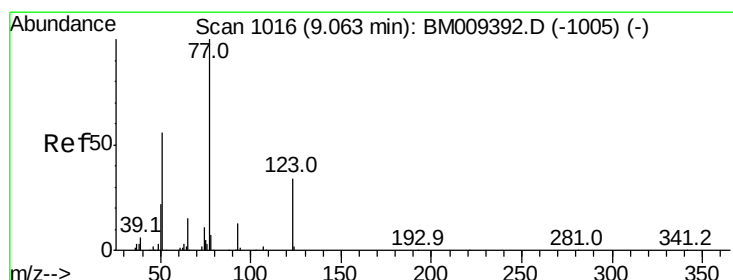
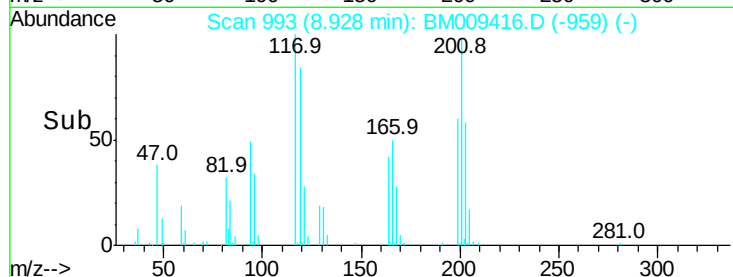
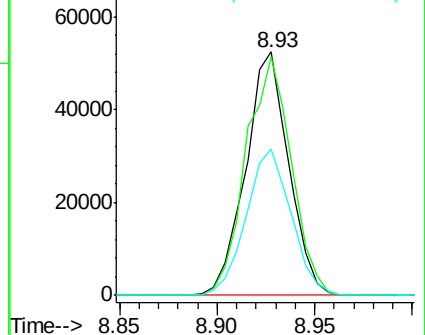
199 60.3 50.6 76.0



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: 21.14 ng/ul

RT: 9.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

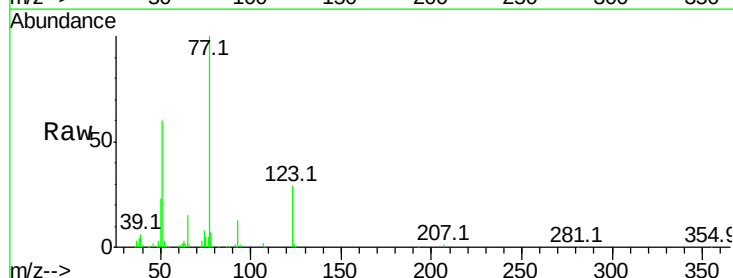
Tgt Ion: 77 Resp: 264919

Ion Ratio Lower Upper

77 100

123 29.2 39.0 58.4#

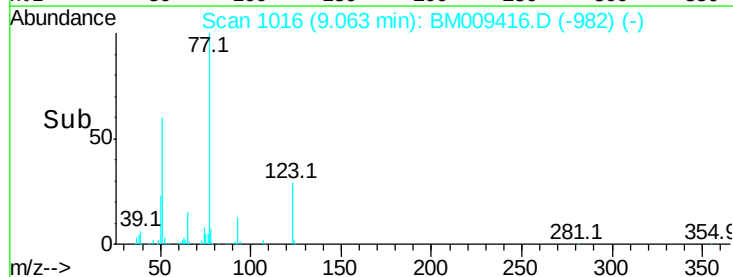
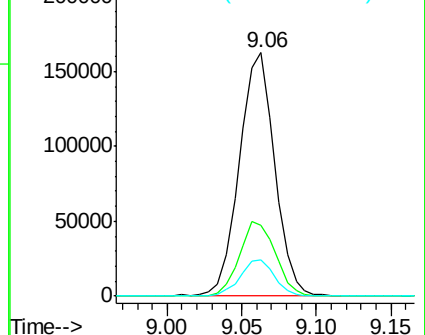
65 14.8 10.4 15.6

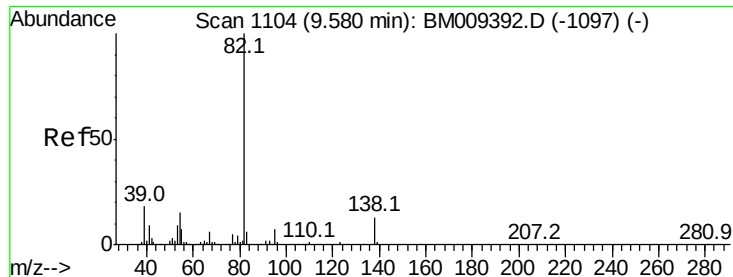


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 20.54 ng/ul

RT: 9.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

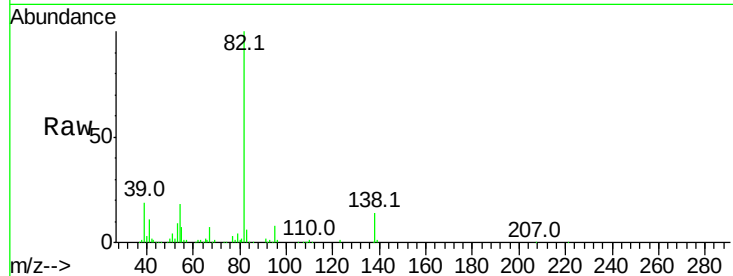
Tot Ion: 82 Resp: 428095

Ion Ratio Lower Upper

82 100

95 8.4 6.4 9.6

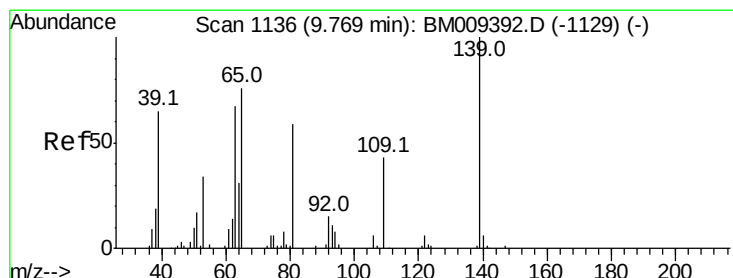
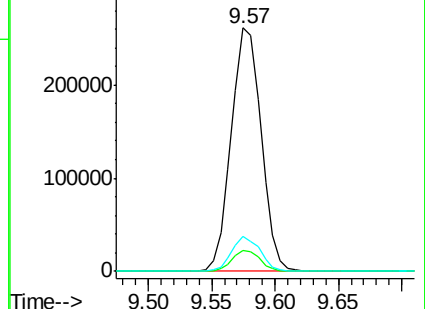
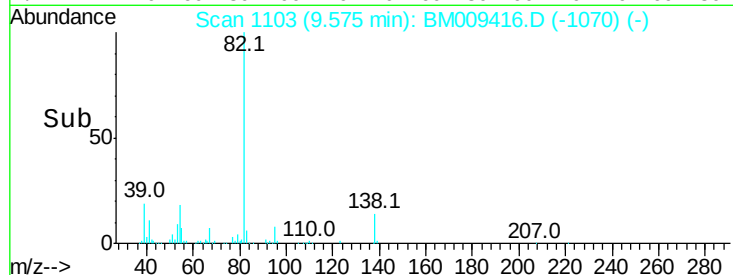
138 14.1 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BM009416.D (-1102) (-)

Ion 95.00 (94.70 to 95.70): BM009416.D (-1102) (-)

Ion 138.00 (137.70 to 138.70): BM009416.D (-1102) (-)



#23

2-Nitrophenol

Concen: 20.06 ng/ul

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

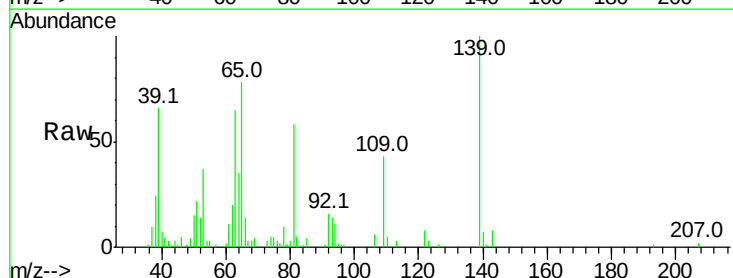
Tgt Ion: 139 Resp: 85543

Ion Ratio Lower Upper

139 100

65 77.6 36.3 54.5#

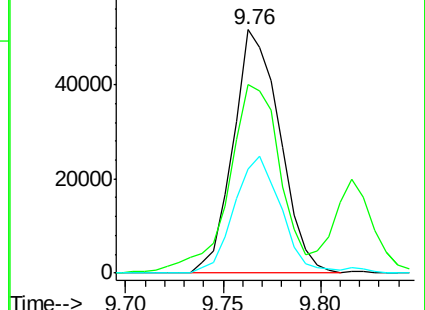
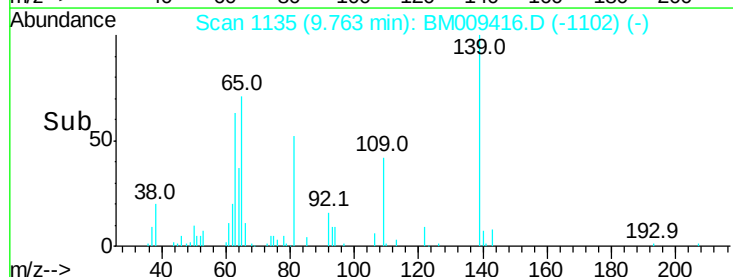
109 42.6 26.4 39.6#

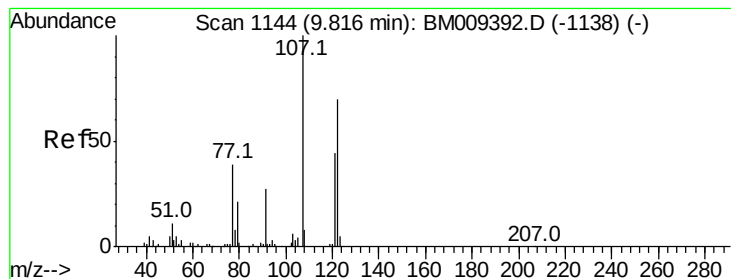


Abundance Ion 139.00 (138.70 to 139.70): BM009416.D (-1102) (-)

Ion 65.00 (64.70 to 65.70): BM009416.D (-1102) (-)

Ion 109.00 (108.70 to 109.70): BM009416.D (-1102) (-)





#24

2,4-Dimethylphenol

Concen: 21.05 ng/ul

RT: 9.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

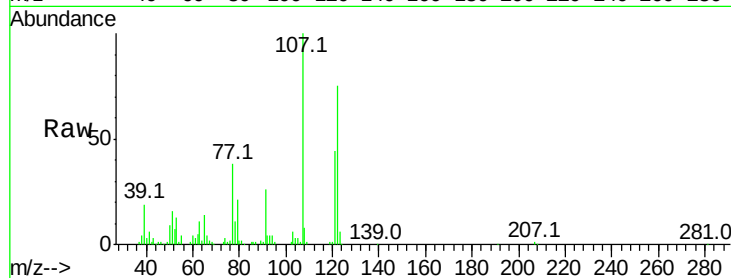
Tot Ion:107 Resp: 221610

Ion Ratio Lower Upper

107 100

121 44.0 40.6 61.0

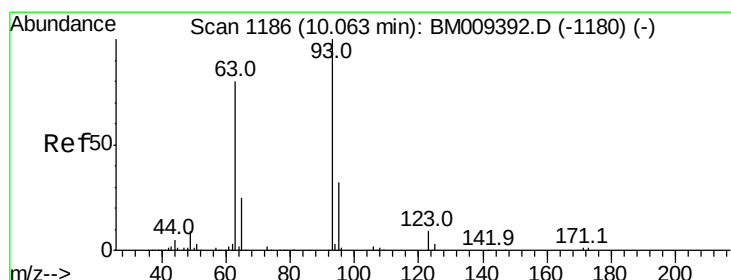
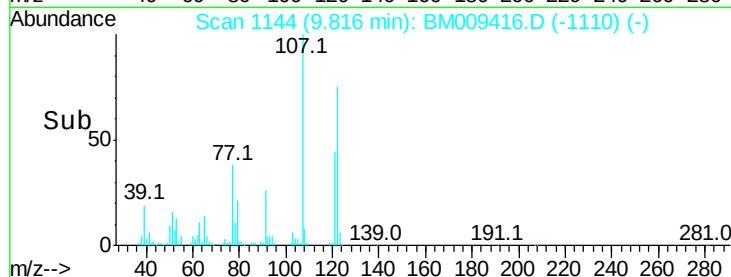
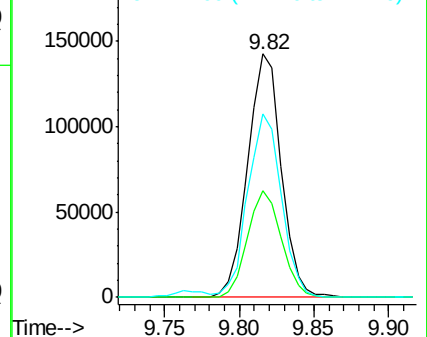
122 75.4 67.8 101.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 20.62 ng/ul

RT: 10.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

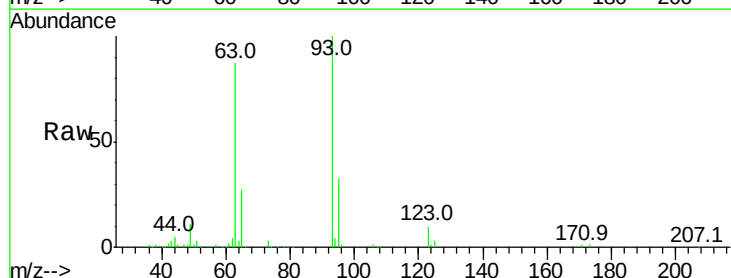
Tgt Ion: 93 Resp: 249005

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

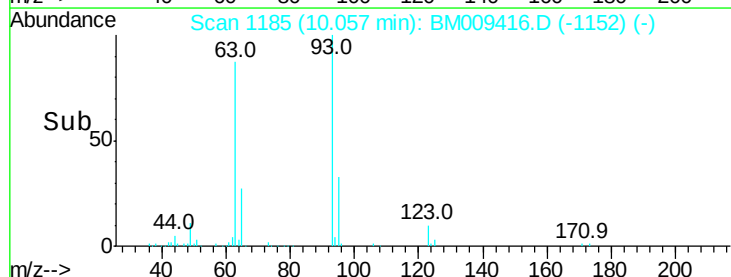
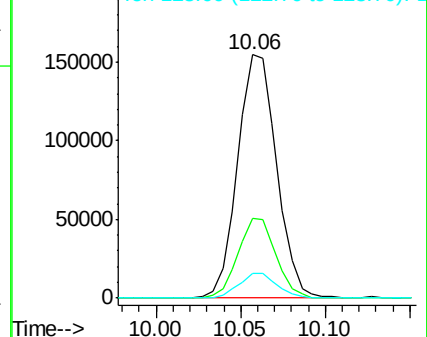
123 10.0 9.8 14.8

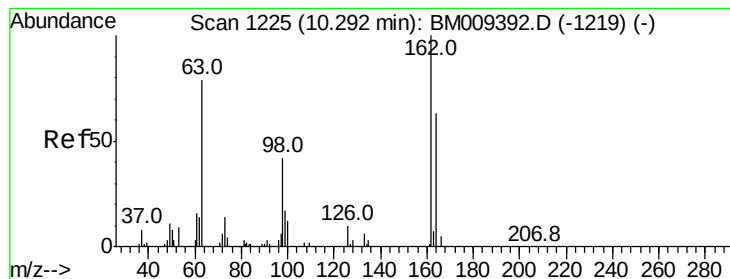


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 21.14 ng/ul

RT: 10.29 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

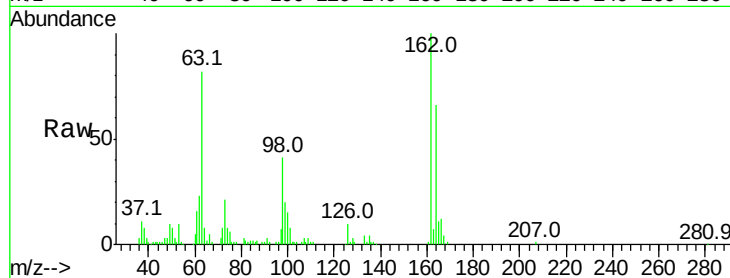
Tot Ion:162 Resp: 168146

Ion Ratio Lower Upper

162 100

164 65.8 52.1 78.1

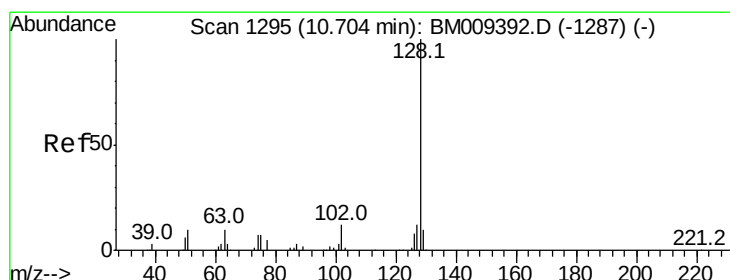
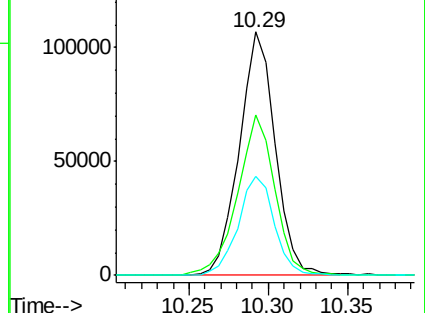
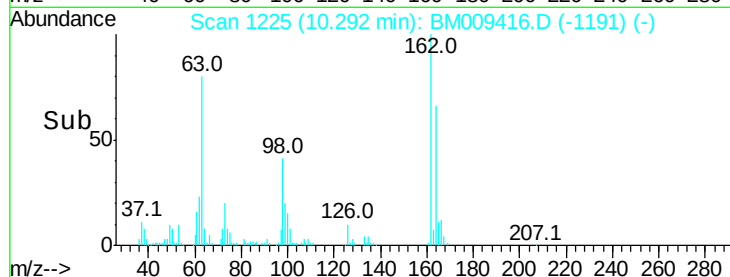
98 40.7 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 20.69 ng/ul

RT: 10.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

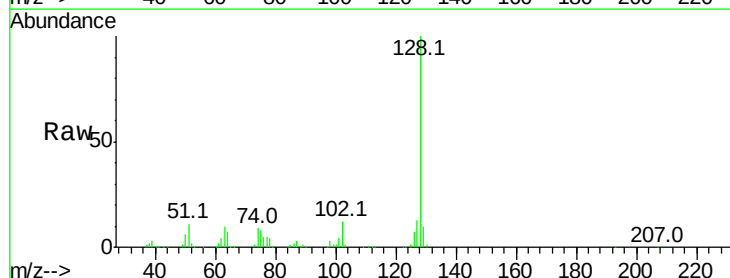
Tgt Ion:128 Resp: 529650

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

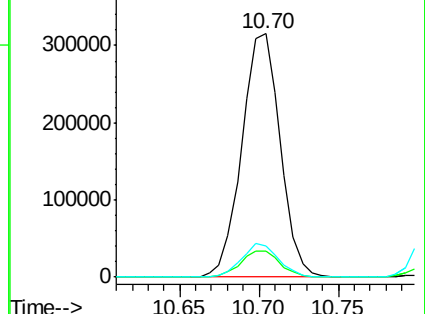
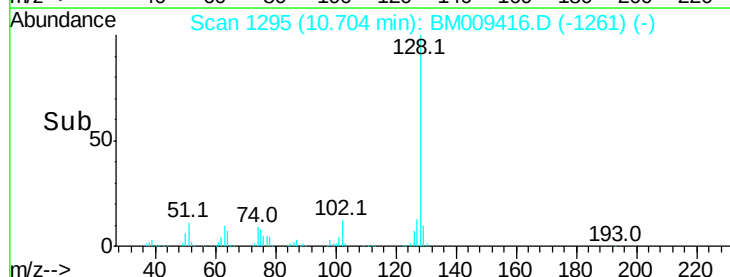
127 12.7 10.5 15.7

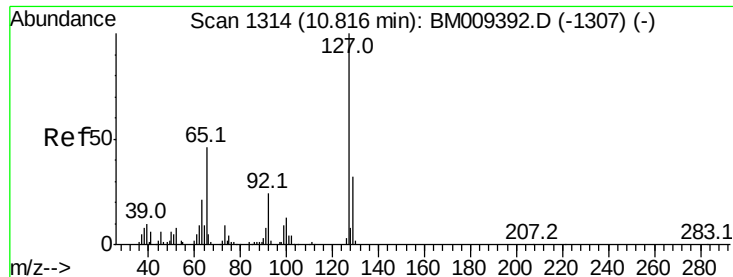


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

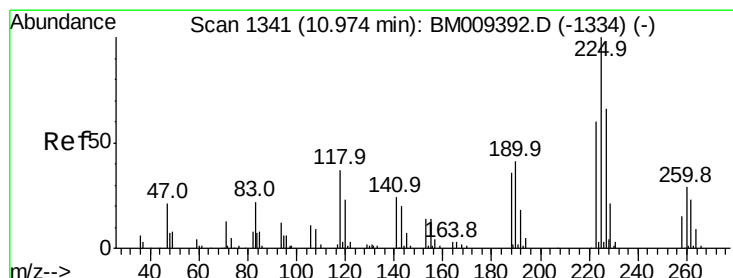
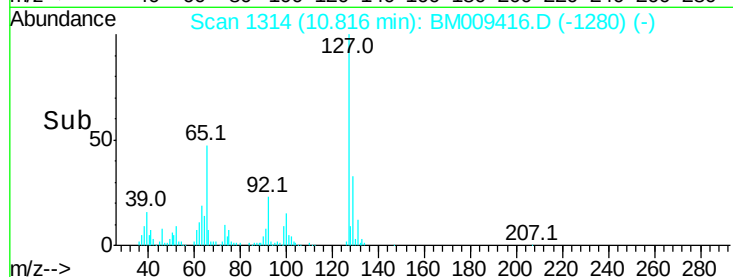
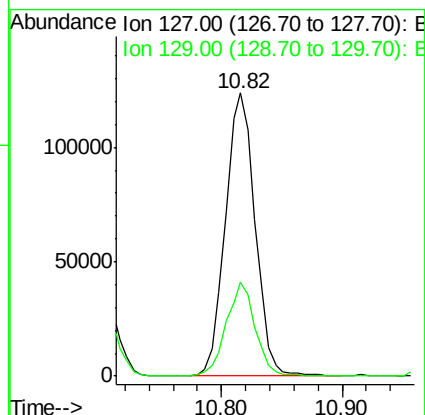
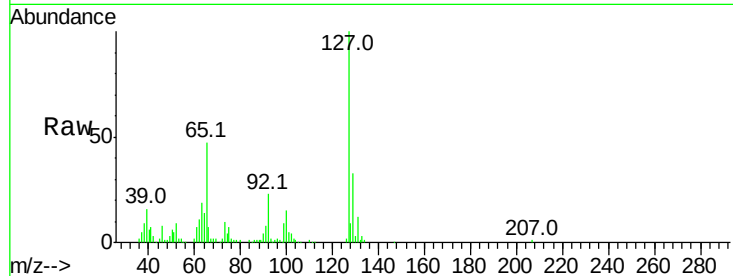




#30
4-Chloroaniline
Concen: 21.92 ng/ul
RT: 10.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BM009416.D
Acq: 27 Mar 2017 16:34

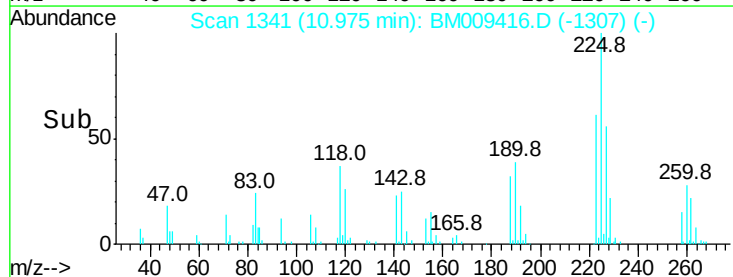
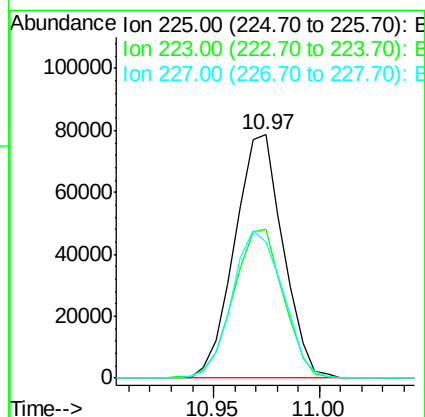
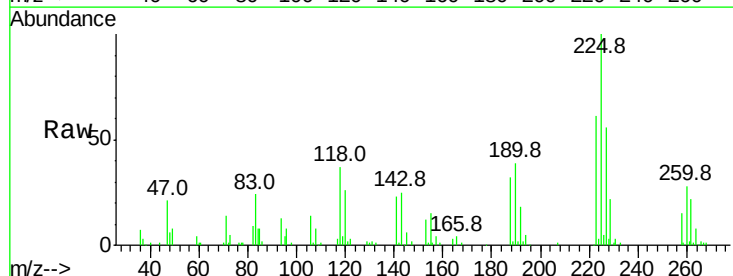
Instrument :
BNA_M
ClientSampleId :
SSTD02034

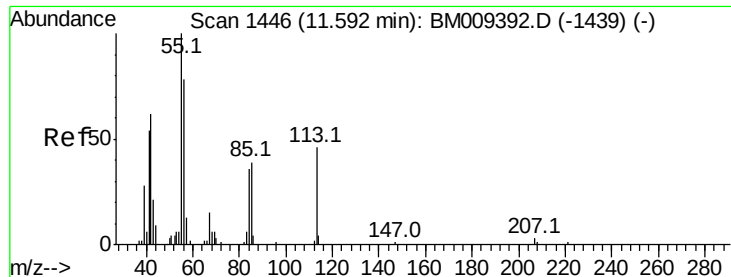
Tot Ion:127 Resp: 211041
Ion Ratio Lower Upper
127 100
129 33.3 25.4 38.2



#31
Hexachlorobutadiene
Concen: 20.08 ng/ul
RT: 10.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BM009416.D
Acq: 27 Mar 2017 16:34

Tgt Ion:225 Resp: 125117
Ion Ratio Lower Upper
225 100
223 61.2 51.4 77.2
227 56.0 50.7 76.1





#32

Caprolactam

Concen: 14.02 ng/ul

RT: 11.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

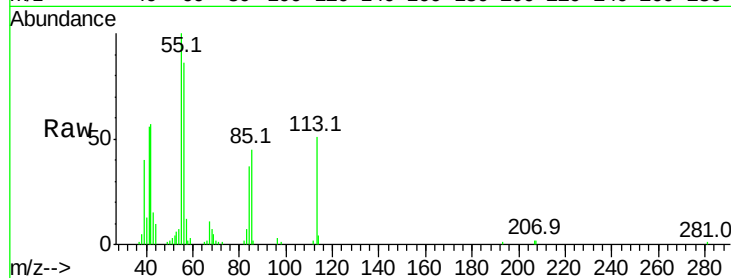
Tot Ion:113 Resp: 34356

Ion Ratio Lower Upper

113 100

55 198.0 101.9 152.9#

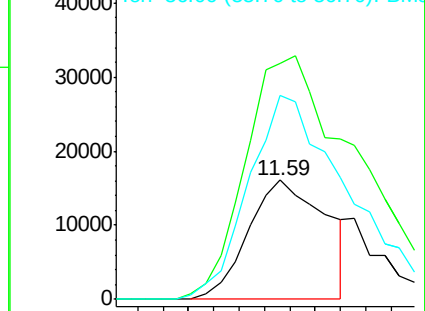
56 170.6 81.2 121.8#



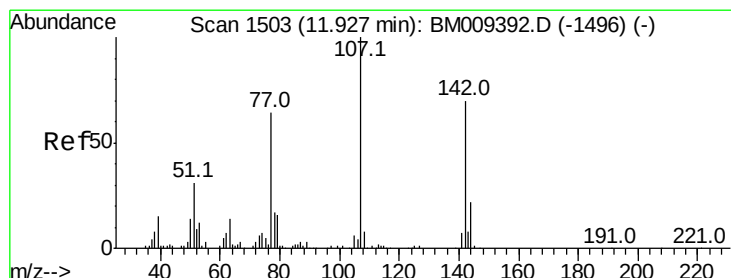
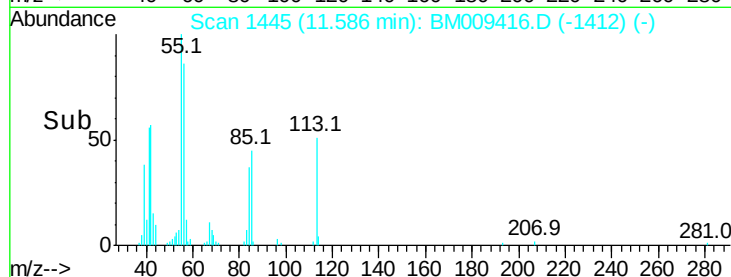
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



Time-->



#33

4-Chloro-3-methylphenol

Concen: 20.82 ng/ul

RT: 11.93 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

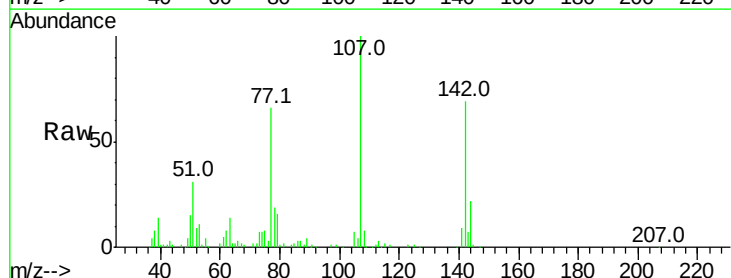
Tgt Ion:107 Resp: 185987

Ion Ratio Lower Upper

107 100

144 21.6 20.4 30.6

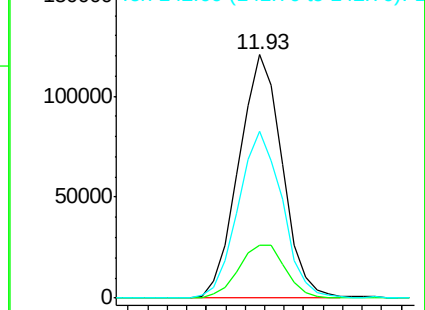
142 68.7 62.5 93.7



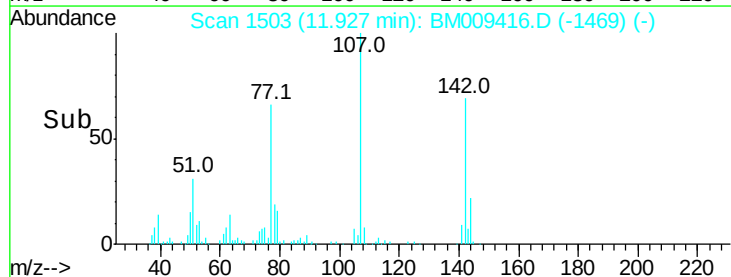
Abundance Ion 107.00 (106.70 to 107.70): E

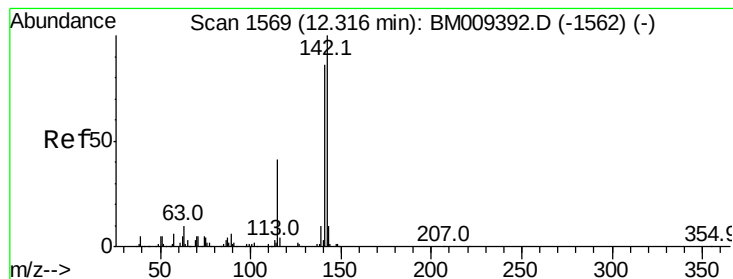
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





#34

2-Methylnaphthalene

Concen: 21.22 ng/ul

RT: 12.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampled :

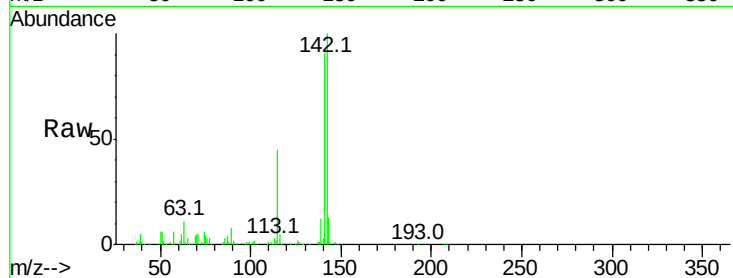
SSTD02034

Tot Ion:142 Resp: 391557

Ion Ratio Lower Upper

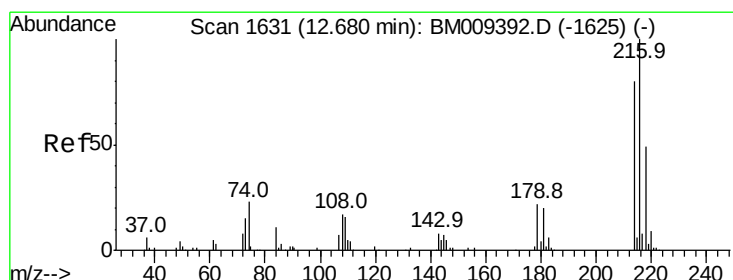
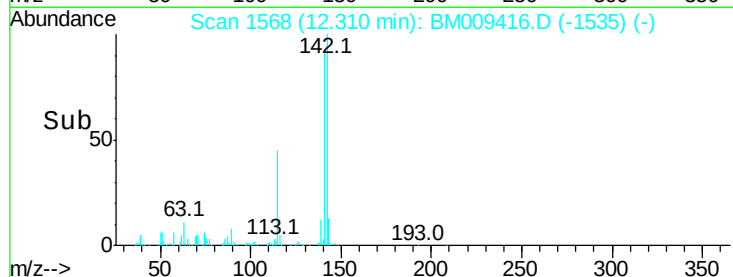
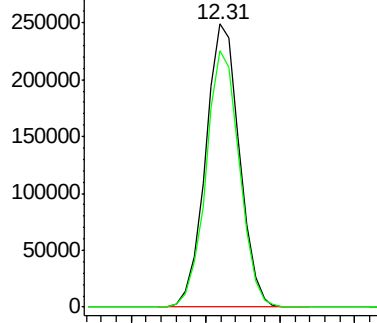
142 100

141 90.6 71.6 107.4



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: 21.60 ng/ul

RT: 12.68 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Tgt Ion:216 Resp: 236095

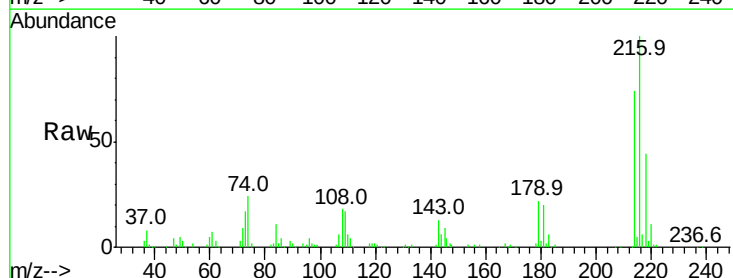
Ion Ratio Lower Upper

216 100

214 73.6 62.5 93.7

179 21.9 18.2 27.2

108 18.4 14.2 21.2

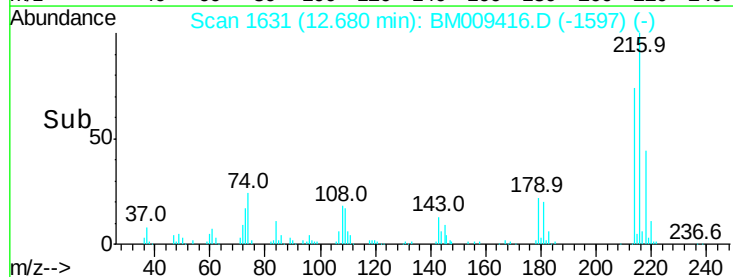
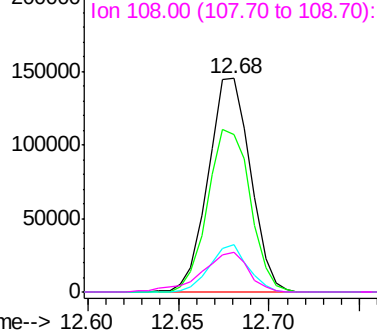


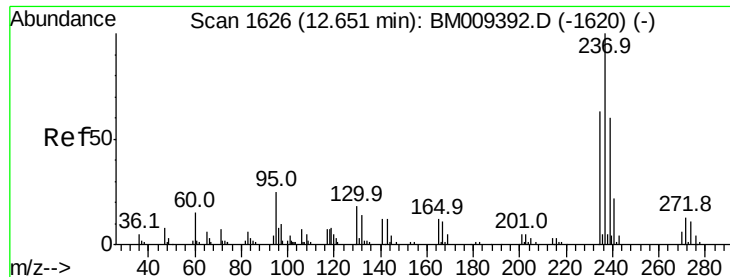
Abundance Ion 216.00 (215.70 to 216.70): E

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: 19.49 ng/ul

RT: 12.65 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

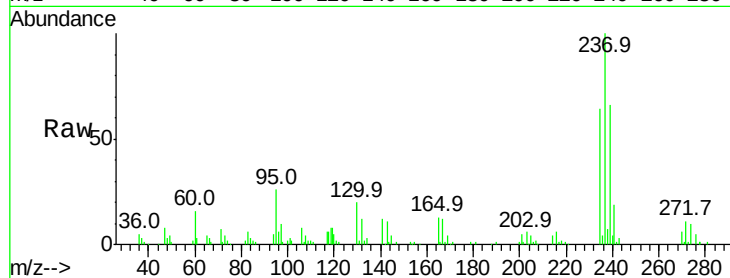
Tot Ion:237 Resp: 133620

Ion Ratio Lower Upper

237 100

235 64.3 50.4 75.6

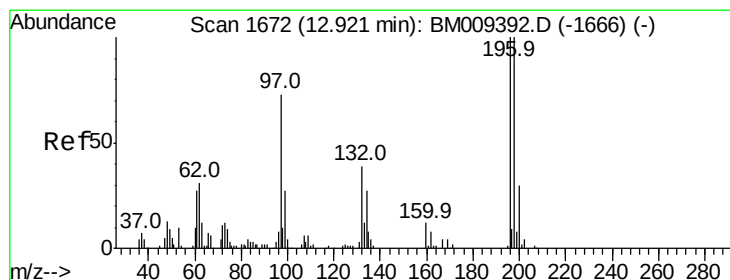
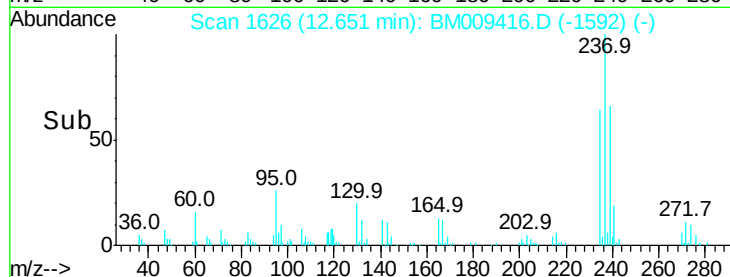
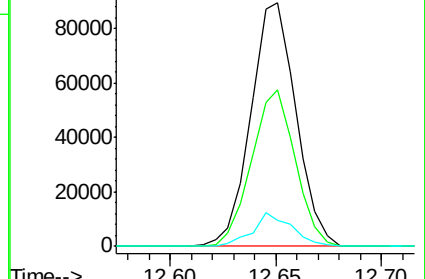
272 10.5 9.6 14.4



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 20.91 ng/ul

RT: 12.92 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

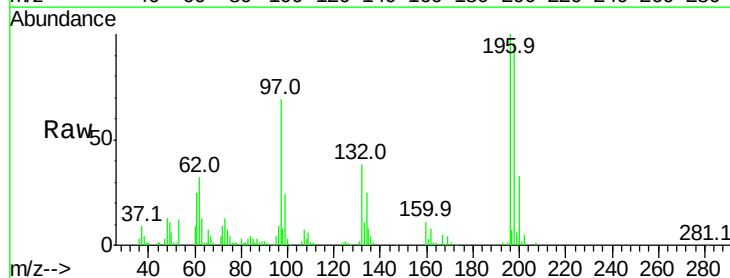
Tgt Ion:196 Resp: 133817

Ion Ratio Lower Upper

196 100

198 96.3 76.6 114.8

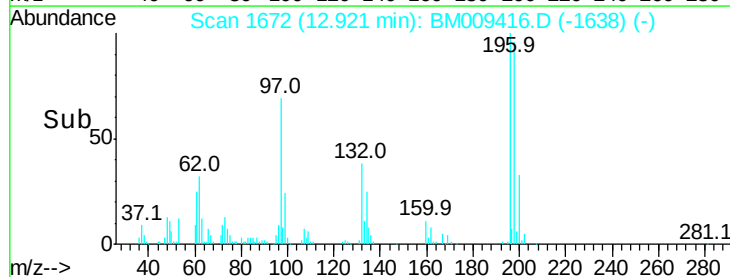
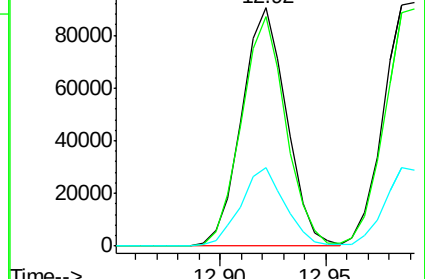
200 32.7 24.7 37.1

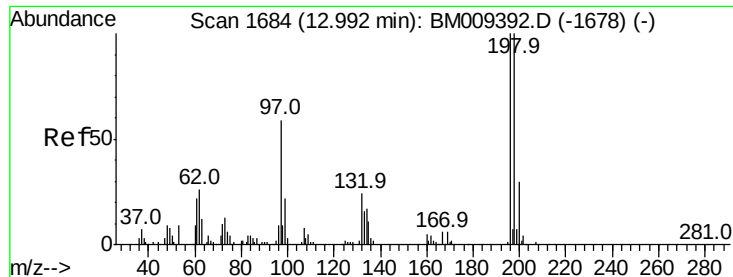


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

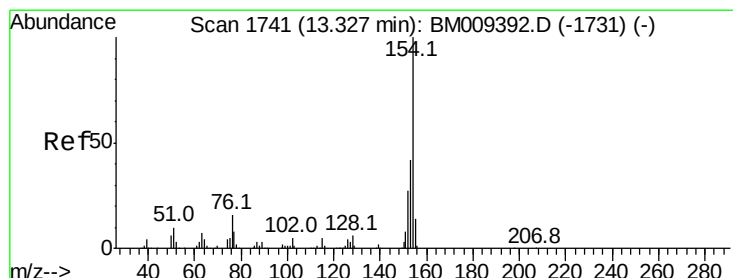
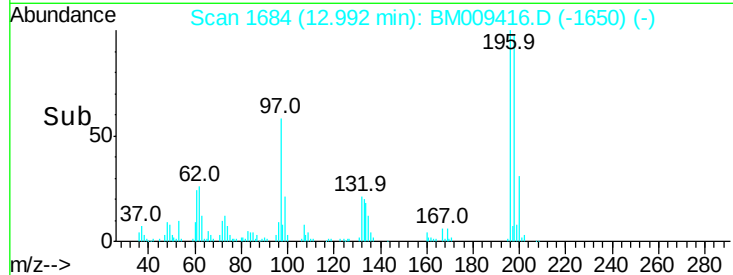
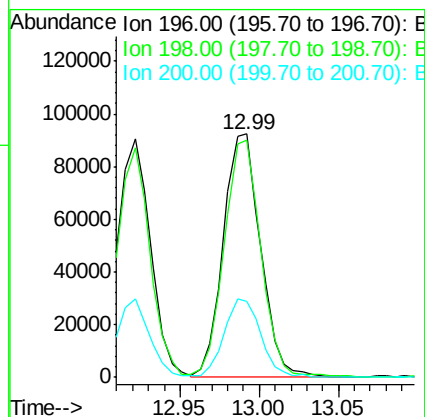
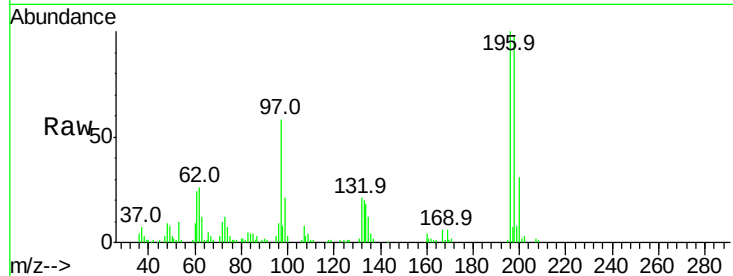




#39
 2,4,5-Trichlorophenol
 Concen: 21.84 ng/ul
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM009416.D
 Acq: 27 Mar 2017 16:34

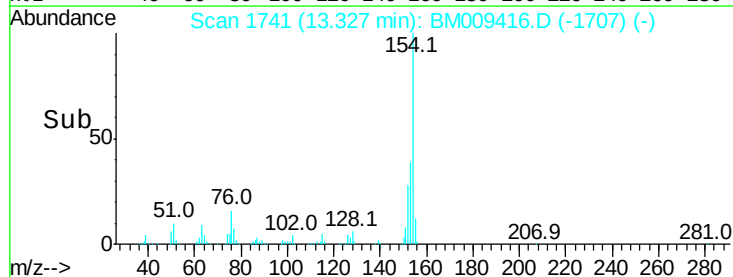
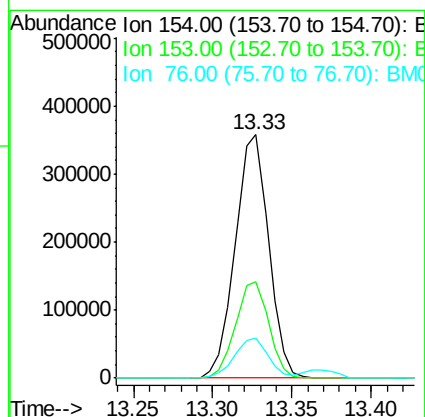
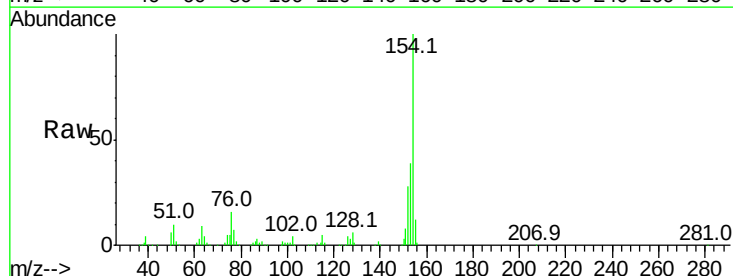
Instrument :
 BNA_M
 ClientSampled :
 SSTD02034

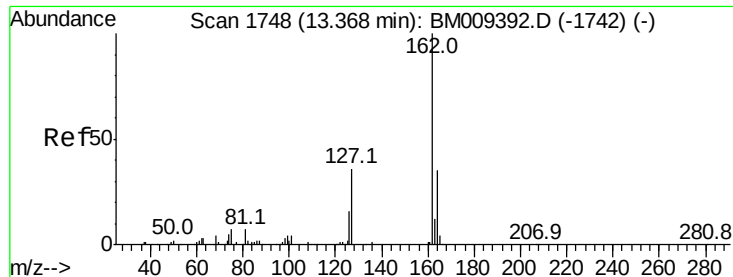
Tot Ion:196 Resp: 150796
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.9 115.3
 200 31.1 25.0 37.4



#40
 1,1'-Biphenyl
 Concen: 21.79 ng/ul
 RT: 13.33 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BM009416.D
 Acq: 27 Mar 2017 16:34

Tgt Ion:154 Resp: 523849
 Ion Ratio Lower Upper
 154 100
 153 39.5 32.1 48.1
 76 16.3 9.5 14.3#

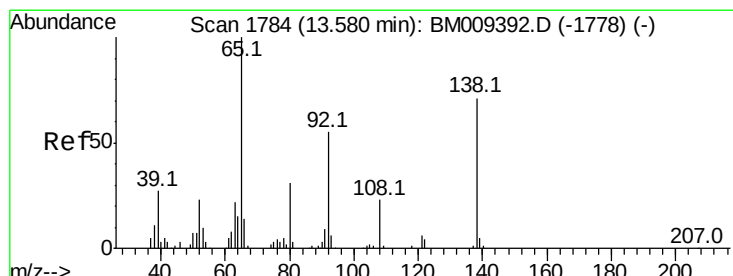
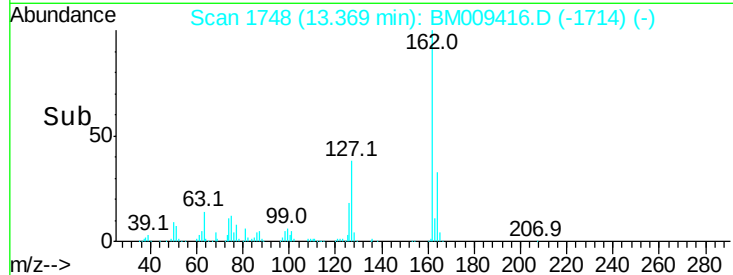
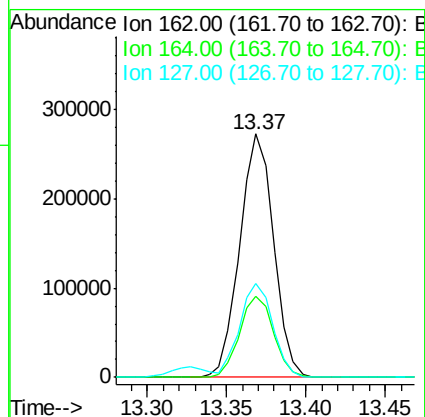
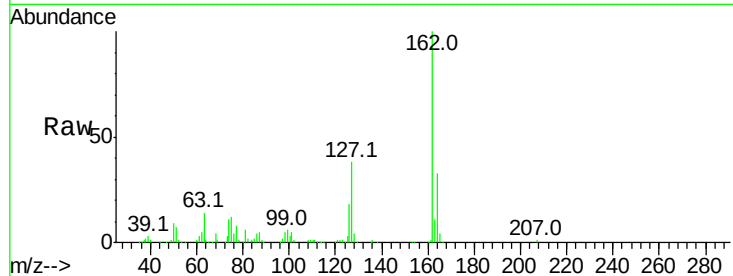




#41
2-Chloronaphthalene
Concen: 21.62 ng/ul
RT: 13.37 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BM009416.D
Acq: 27 Mar 2017 16:34

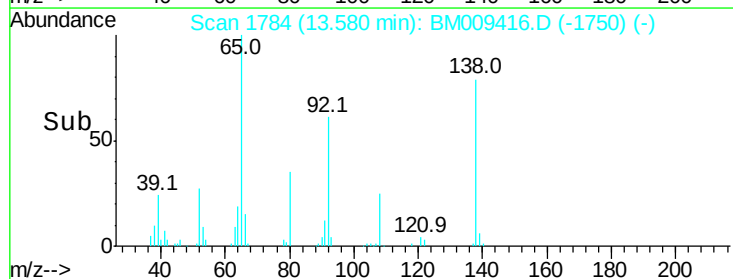
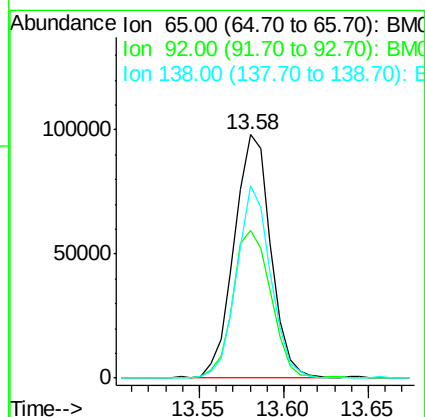
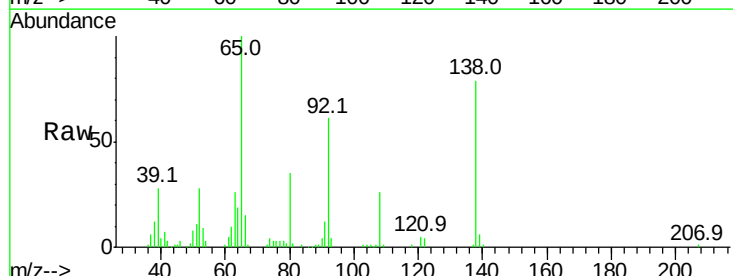
Instrument :
BNA_M
ClientSampleId :
SSTD02034

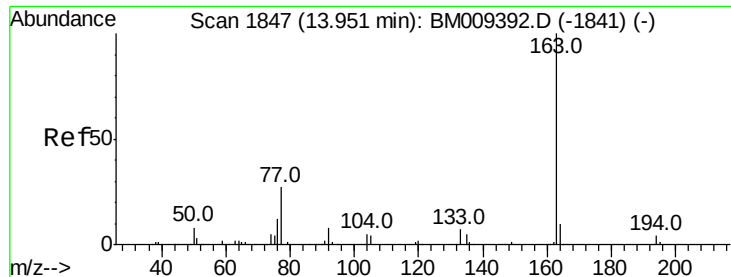
Tot Ion	Ratio	Lower	Upper
162	100		
164	33.3	25.9	38.9
127	38.4	34.1	51.1



#42
2-Nitroaniline
Concen: 21.56 ng/ul
RT: 13.58 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BM009416.D
Acq: 27 Mar 2017 16:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.5	60.4	90.6
138	78.9	99.8	149.6#





#44

Dimethylphthalate

Concen: 21.93 ng/ul

RT: 13.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

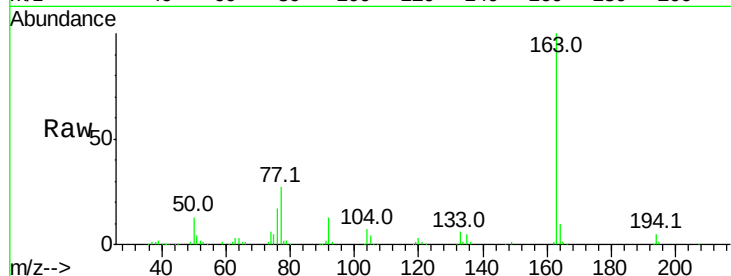
Tot Ion:163 Resp: 500480

Ion Ratio Lower Upper

163 100

194 4.7 3.2 4.8

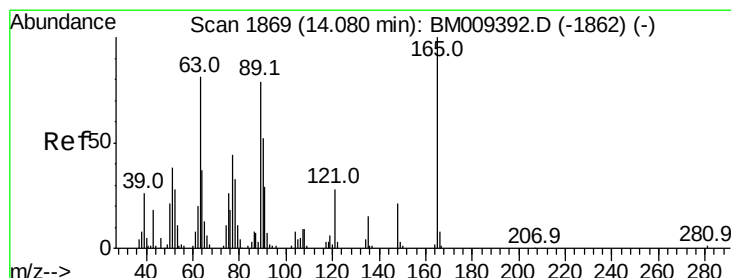
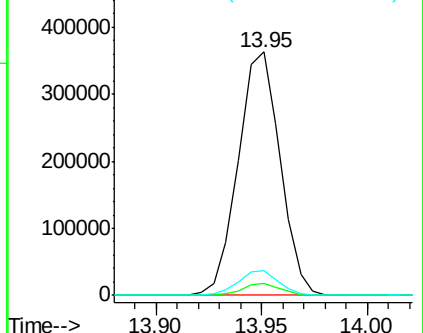
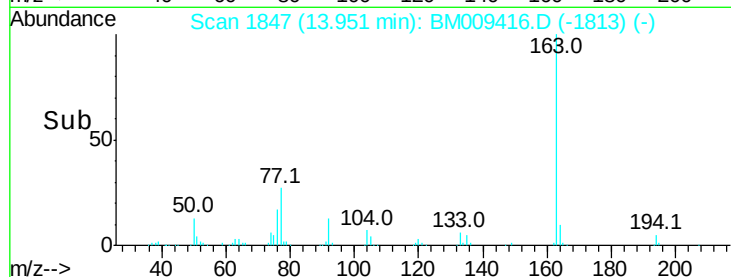
164 10.1 7.8 11.8



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: 22.11 ng/ul

RT: 14.08 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

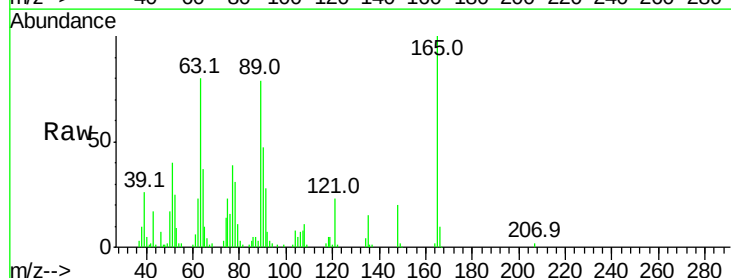
Tgt Ion:165 Resp: 97515

Ion Ratio Lower Upper

165 100

89 79.2 42.4 63.6#

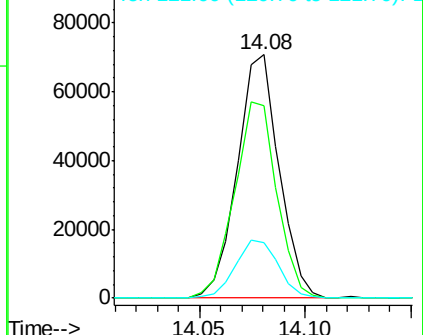
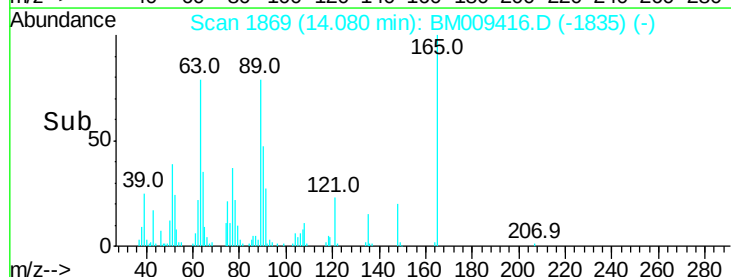
121 22.8 16.6 24.8

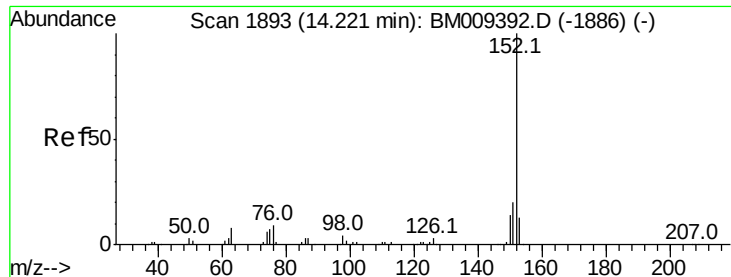


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 22.26 ng/ul

RT: 14.22 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

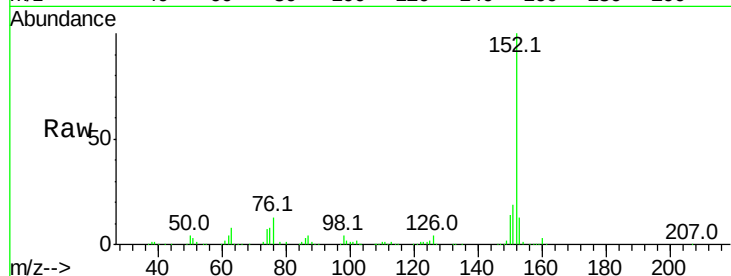
Tot Ion:152 Resp: 636394

Ion Ratio Lower Upper

152 100

151 19.3 15.7 23.5

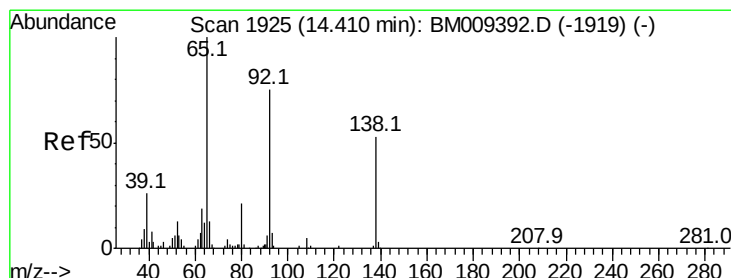
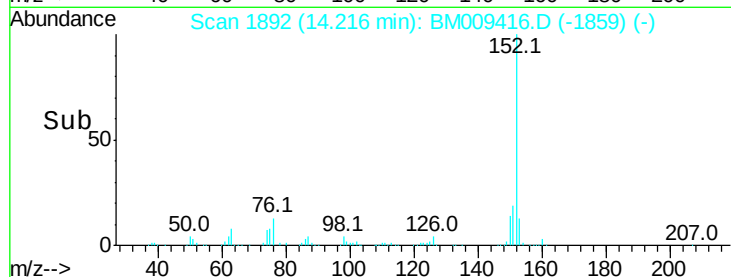
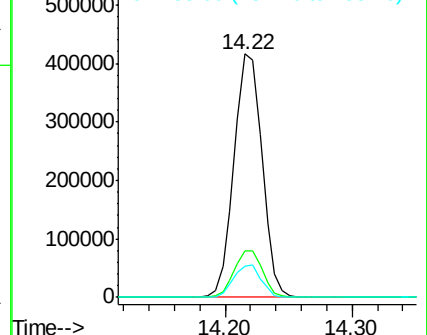
153 12.6 10.5 15.7



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: 22.37 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

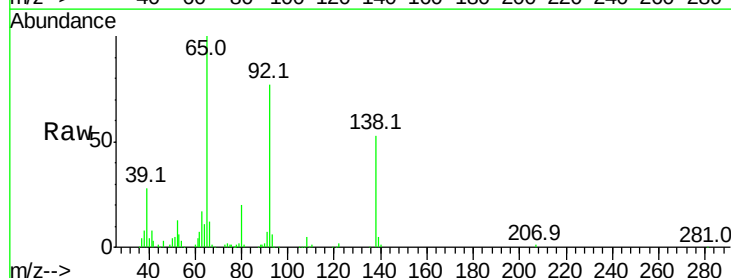
Tgt Ion:138 Resp: 101736

Ion Ratio Lower Upper

138 100

108 10.2 8.7 13.1

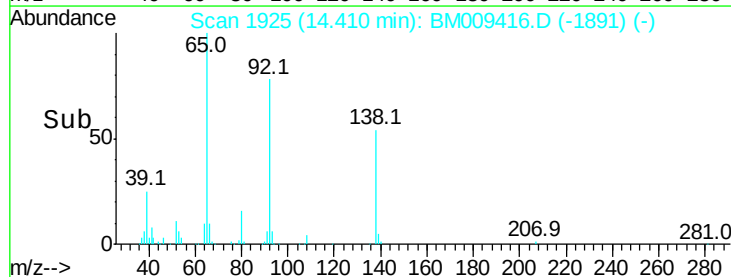
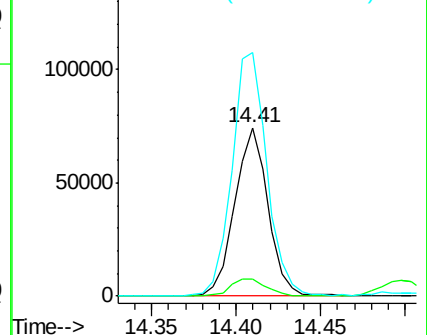
92 144.6 88.2 132.4#

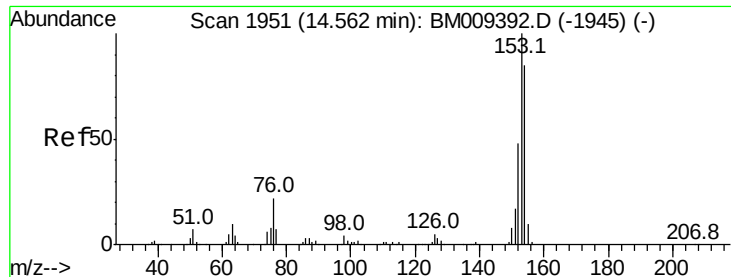


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 22.31 ng/ul

RT: 14.56 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

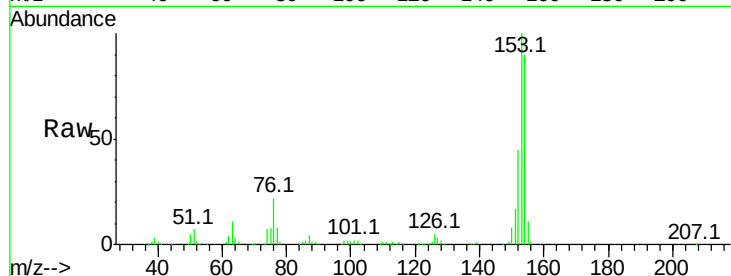
Tot Ion:153 Resp: 447854

Ion Ratio Lower Upper

153 100

152 44.8 38.3 57.5

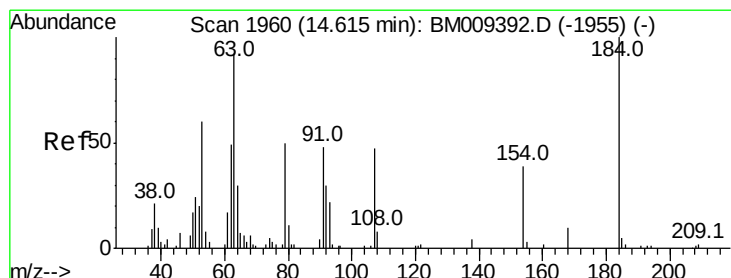
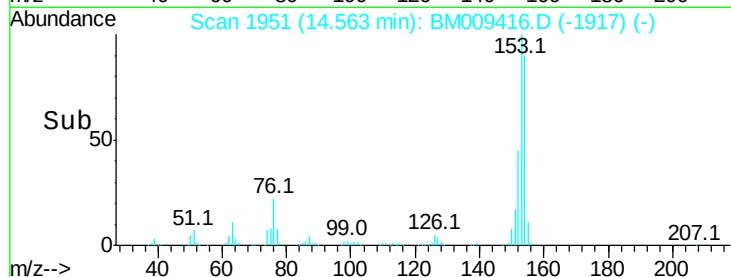
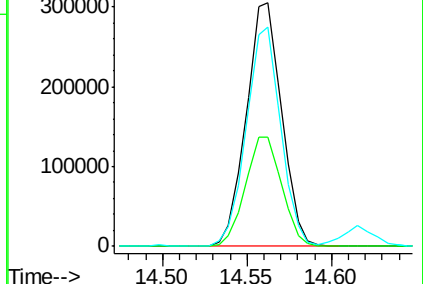
154 89.8 71.8 107.8



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: 16.27 ng/ul

RT: 14.62 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

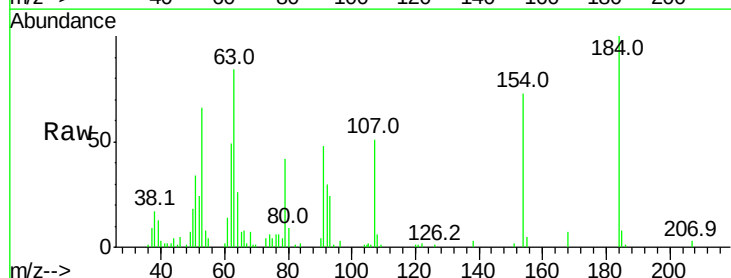
Tgt Ion:184 Resp: 49302

Ion Ratio Lower Upper

184 100

63 84.5 46.5 69.7#

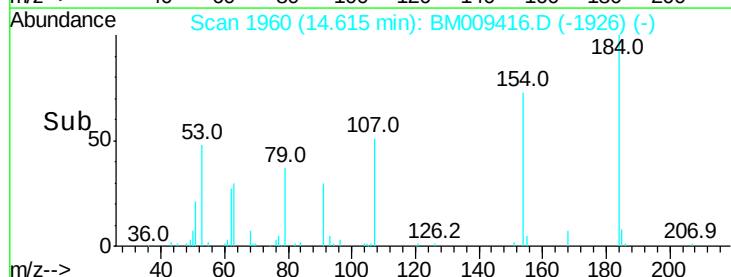
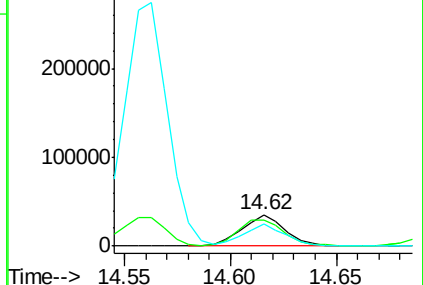
154 72.5 54.6 82.0

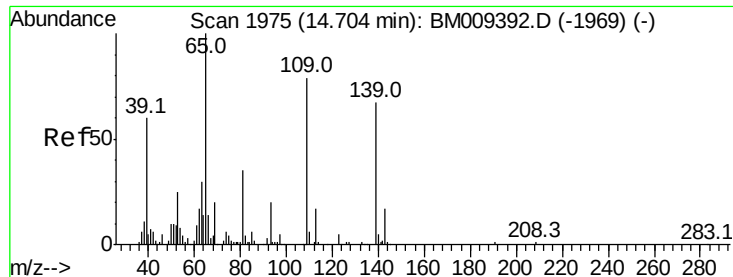


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 21.09 ng/ul

RT: 14.70 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

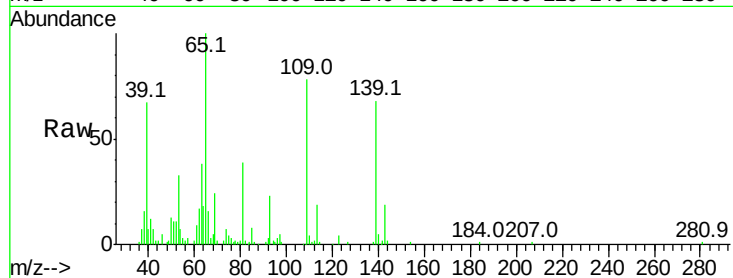
Tot Ion:109 Resp: 104247

Ion Ratio Lower Upper

109 100

139 86.9 103.7 155.5#

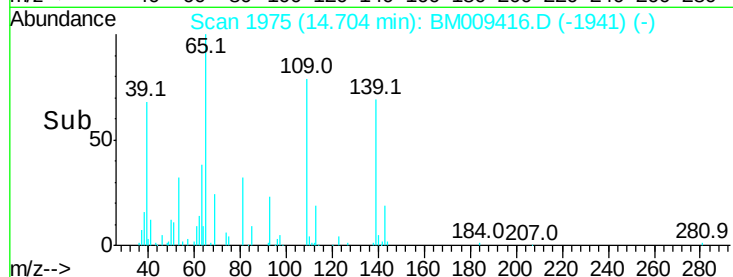
65 128.1 89.4 134.2



Abundance Ion 109.00 (108.70 to 109.70): E

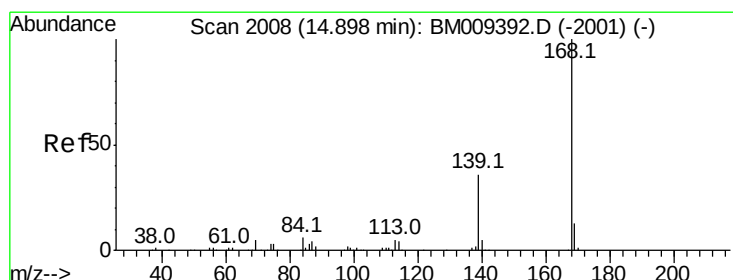
Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



14.70

Time-->



#53

Dibenzofuran

Concen: 22.87 ng/ul

RT: 14.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BM009416.D

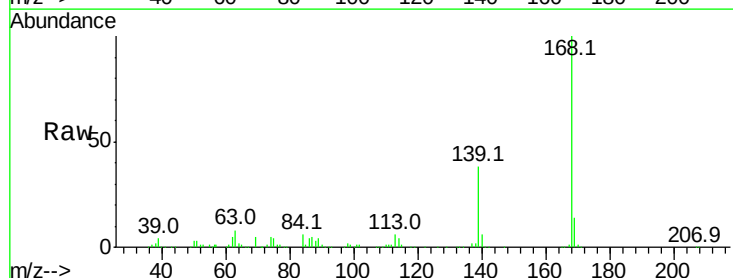
Acq: 27 Mar 2017 16:34

Tgt Ion:168 Resp: 665414

Ion Ratio Lower Upper

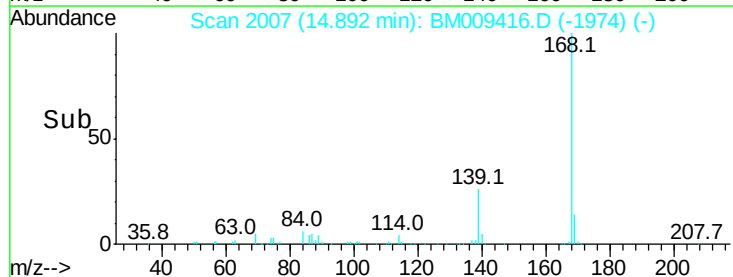
168 100

139 38.3 32.2 48.2



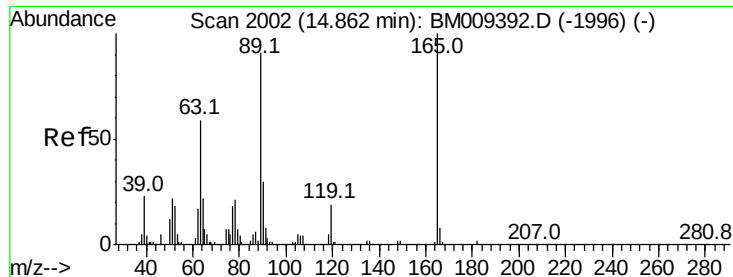
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



14.89

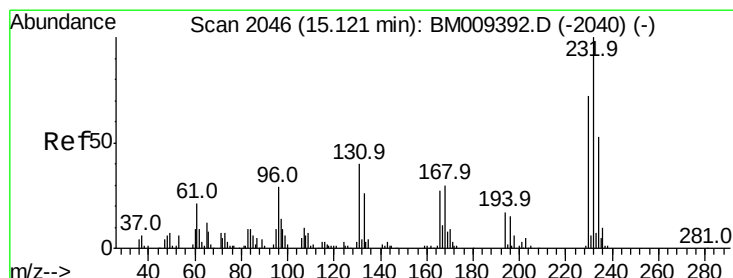
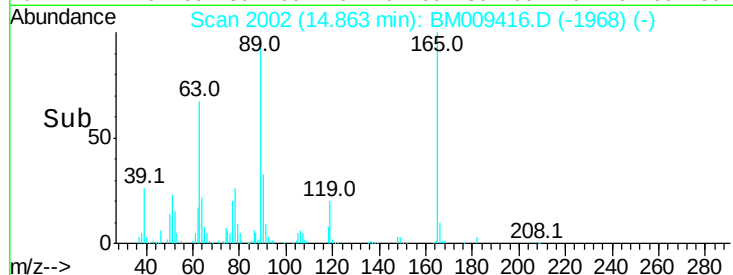
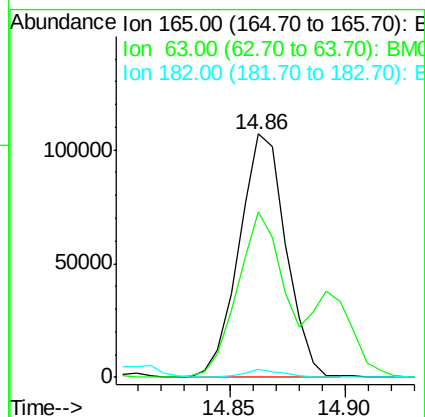
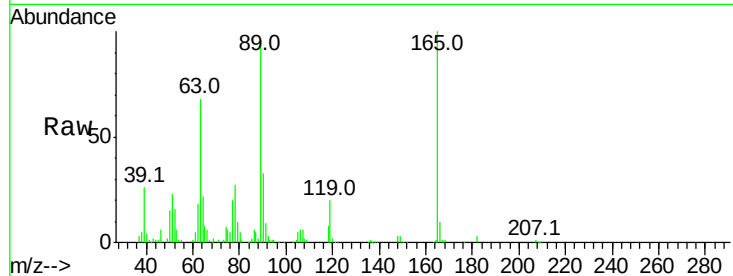
Time-->



#54
2,4-Dinitrotoluene
Concen: 23.08 ng/ul
RT: 14.86 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BM009416.D
Acq: 27 Mar 2017 16:34

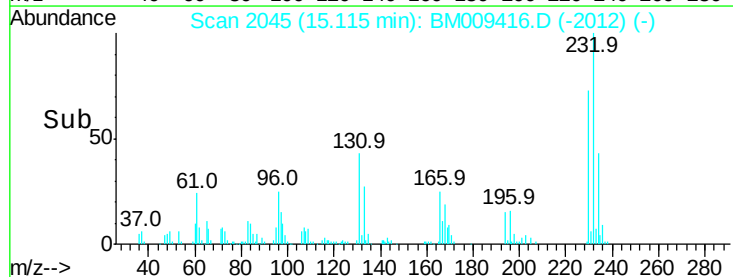
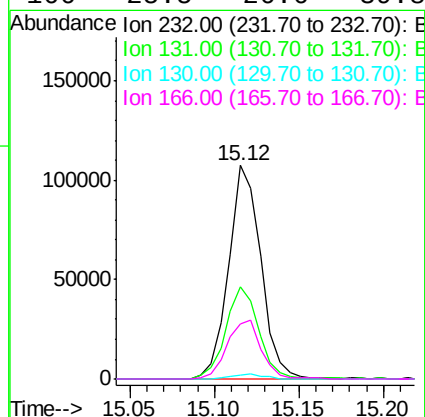
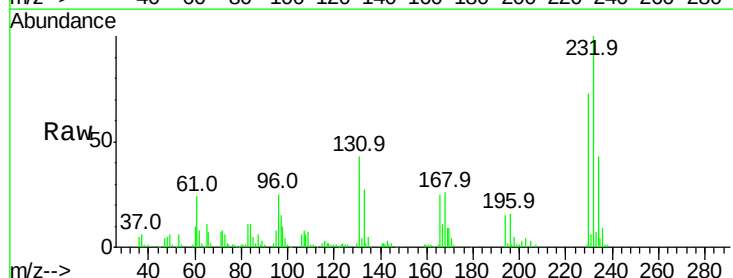
Instrument :
BNA_M
ClientSampleId :
SSTD02034

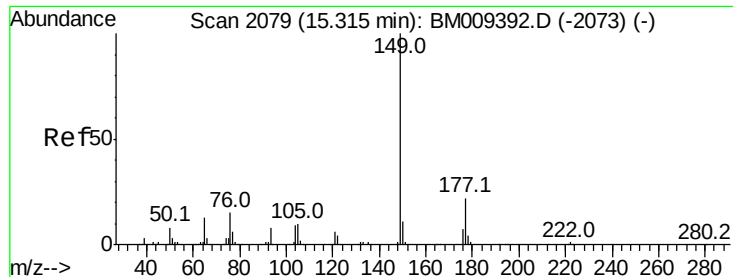
Tot Ion:165 Resp: 152205
Ion Ratio Lower Upper
165 100
63 68.1 29.8 44.6#
182 3.4 2.2 3.4#



#55
2,3,4,6-Tetrachlorophenol
Concen: 22.88 ng/ul
RT: 15.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BM009416.D
Acq: 27 Mar 2017 16:34

Tgt Ion:232 Resp: 142362
Ion Ratio Lower Upper
232 100
131 43.1 39.4 59.2
130 2.1 2.2 3.2#
166 25.5 26.6 39.8#

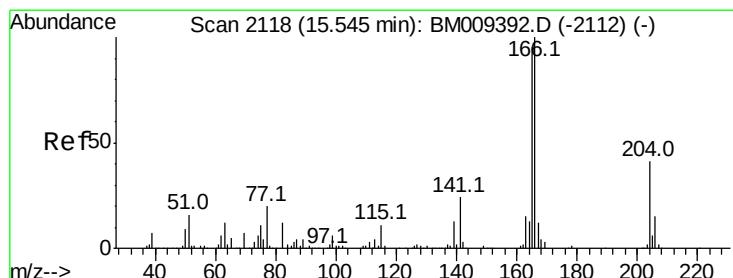
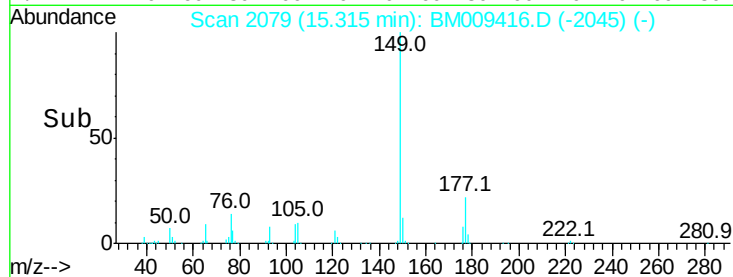
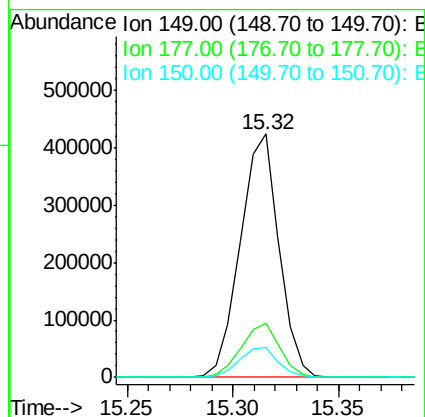
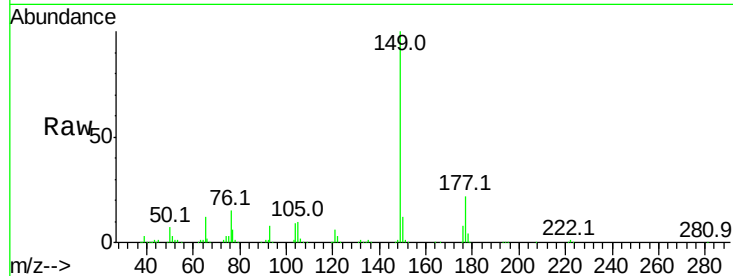




#56
Diethylphthalate
Concen: 22.98 ng/ul
RT: 15.32 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BM009416.D
Acq: 27 Mar 2017 16:34

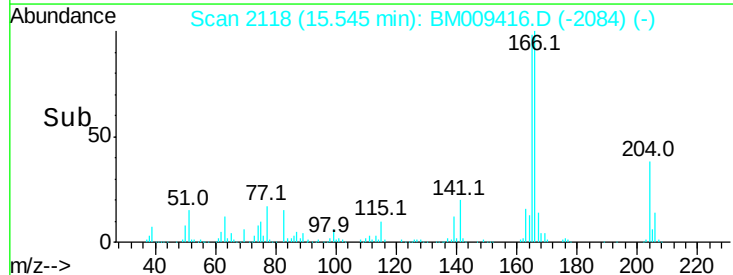
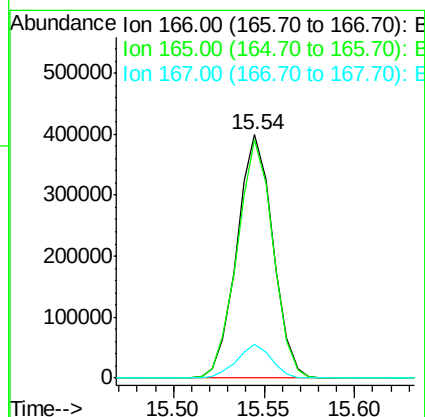
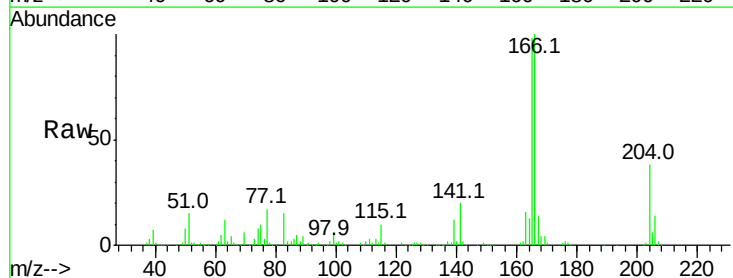
Instrument :
BNA_M
ClientSampled :
SSTD02034

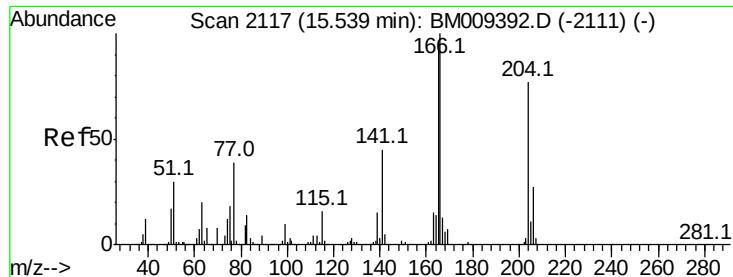
Tot Ion:149 Resp: 538064
Ion Ratio Lower Upper
149 100
177 22.3 17.4 26.2
150 12.4 10.0 15.0



#58
Fluorene
Concen: 23.22 ng/ul
RT: 15.54 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BM009416.D
Acq: 27 Mar 2017 16:34

Tgt Ion:166 Resp: 551087
Ion Ratio Lower Upper
166 100
165 97.9 78.5 117.7
167 13.9 10.7 16.1

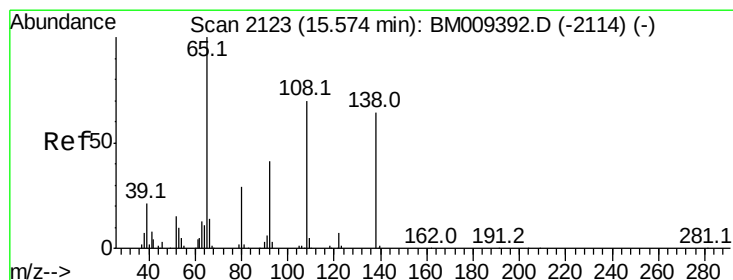
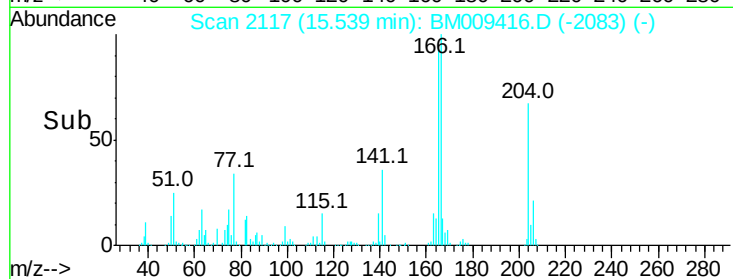
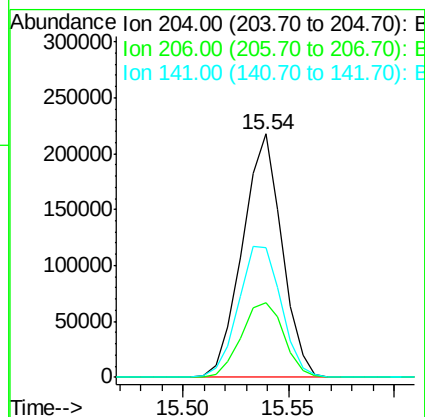
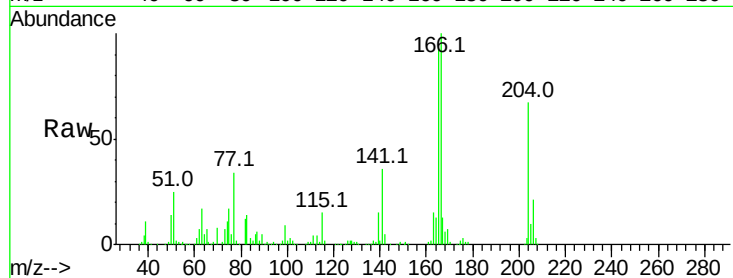




#59
4-Chlorophenyl-phenylether
Concen: 22.31 ng/ul
RT: 15.54 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BM009416.D
Acq: 27 Mar 2017 16:34

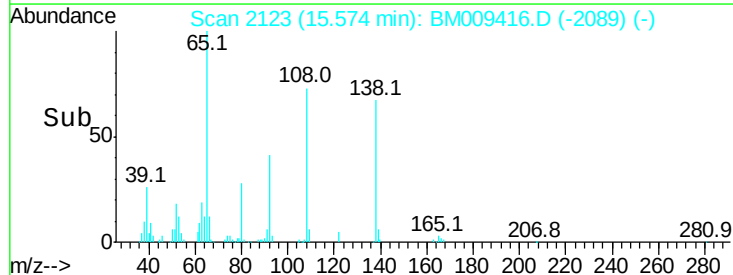
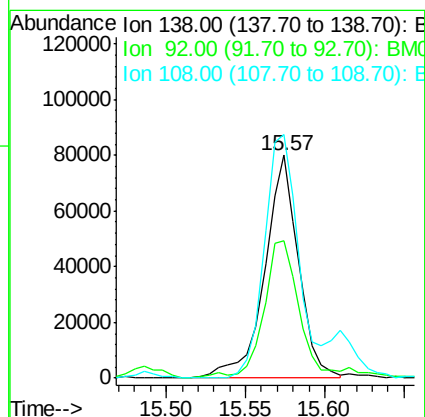
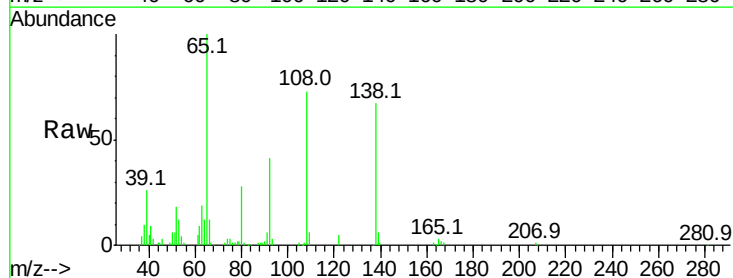
Instrument :
BNA_M
ClientSampleID :
SSTD02034

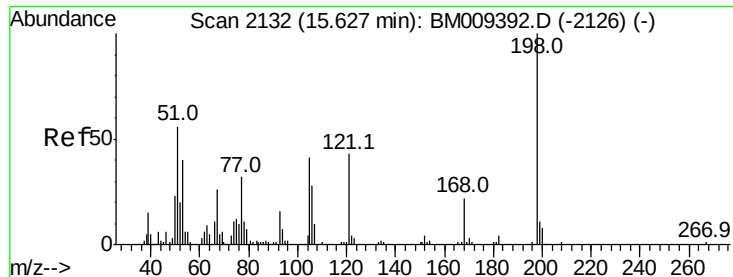
Tot Ion:204 Resp: 282364
Ion Ratio Lower Upper
204 100
206 30.8 26.2 39.4
141 53.3 54.6 81.8#



#60
4-Nitroaniline
Concen: 24.56 ng/ul
RT: 15.57 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BM009416.D
Acq: 27 Mar 2017 16:34

Tgt Ion:138 Resp: 118665
Ion Ratio Lower Upper
138 100
92 61.5 40.6 60.8#
108 109.3 67.0 100.6#





#63

4,6-Dinitro-2-methylphenol

Concen: 17.84 ng/ul

RT: 15.63 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

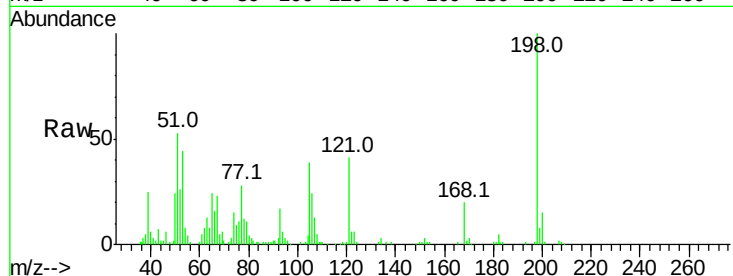
Tot Ion:198 Resp: 93822

Ion Ratio Lower Upper

198 100

182 5.0 3.1 4.7#

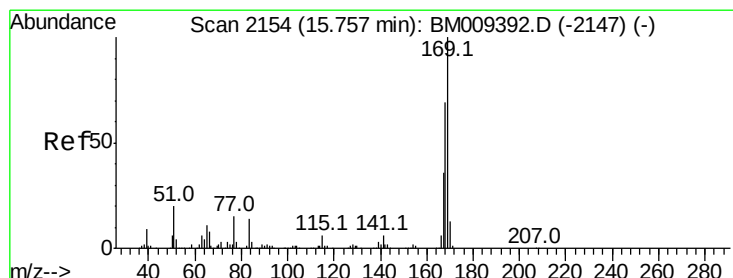
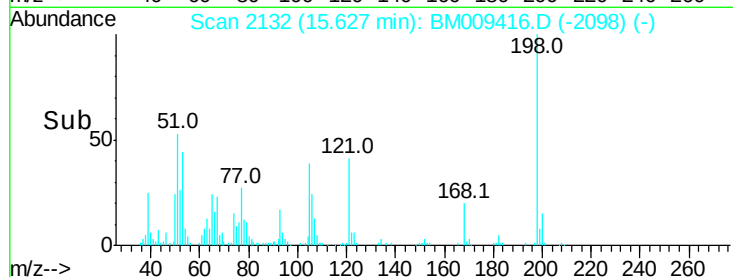
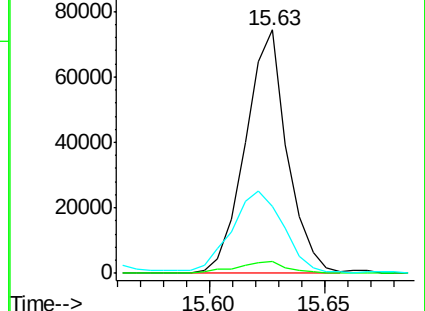
77 27.8 20.1 30.1



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): BMO



#64

N-Nitrosodiphenylamine

Concen: 20.40 ng/ul

RT: 15.75 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

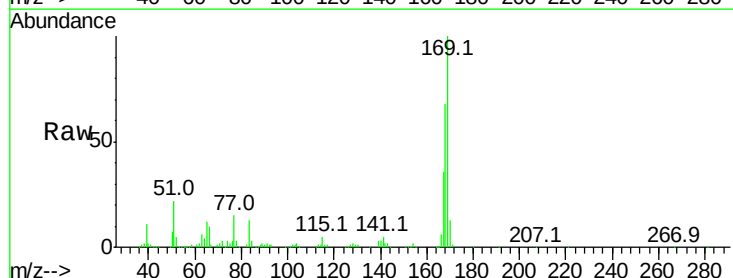
Tgt Ion:169 Resp: 476459

Ion Ratio Lower Upper

169 100

168 68.3 53.8 80.8

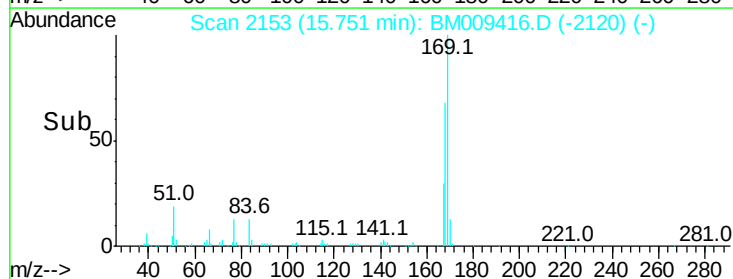
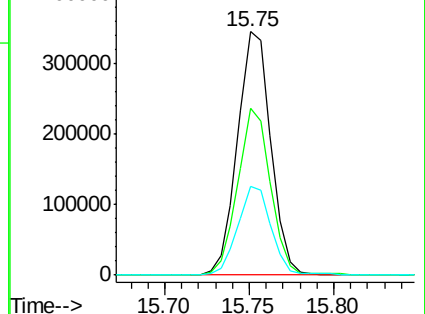
167 36.3 29.3 43.9

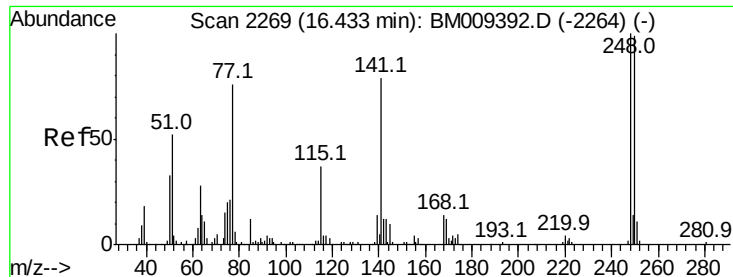


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#65

4-Bromophenyl-phenylether

Concen: 20.15 ng/ul

RT: 16.43 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

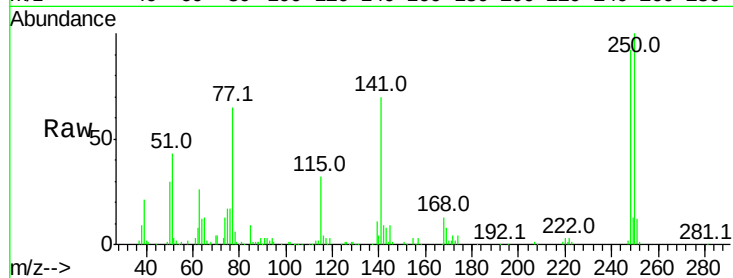
Tot Ion:248 Resp: 174667

Ion Ratio Lower Upper

248 100

250 108.1 78.7 118.1

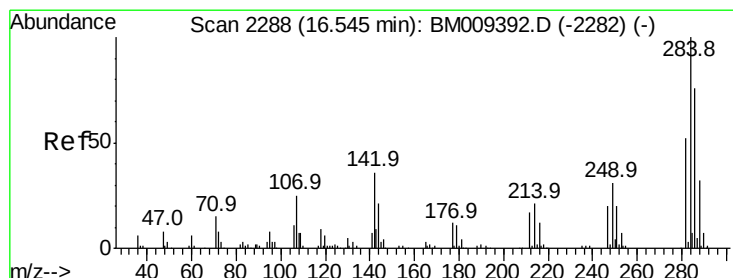
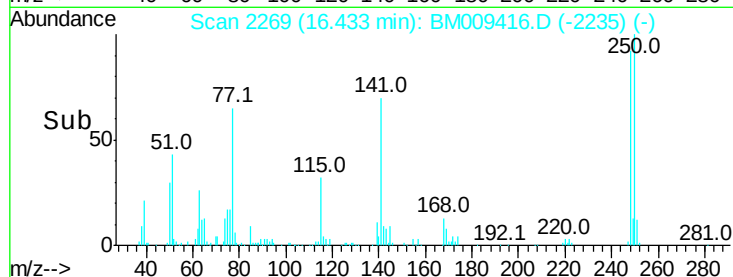
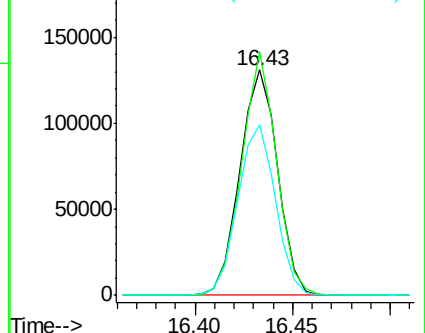
141 75.9 72.2 108.2



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



#66

Hexachlorobenzene

Concen: 20.17 ng/ul

RT: 16.54 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

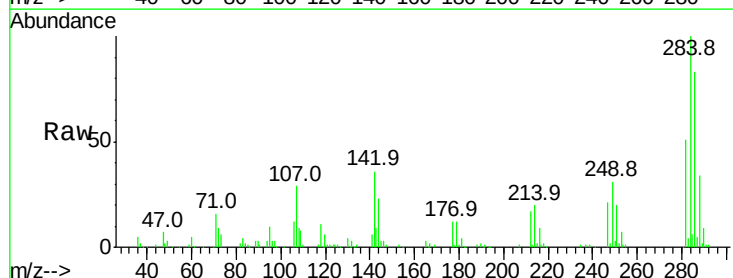
Tgt Ion:284 Resp: 197022

Ion Ratio Lower Upper

284 100

142 36.3 33.1 49.7

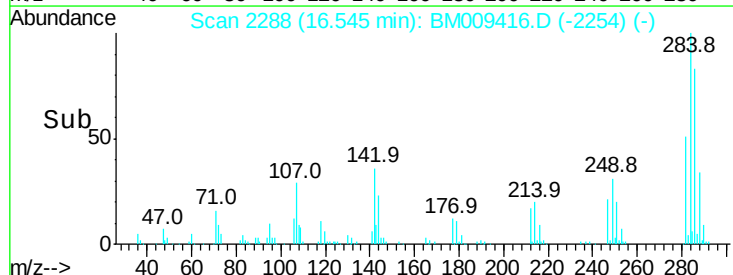
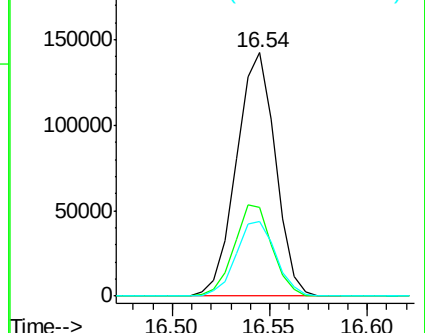
249 30.8 27.1 40.7

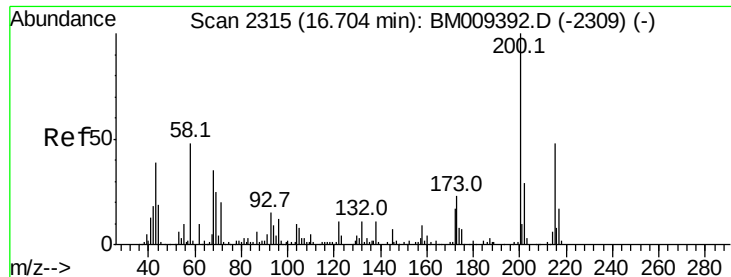


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

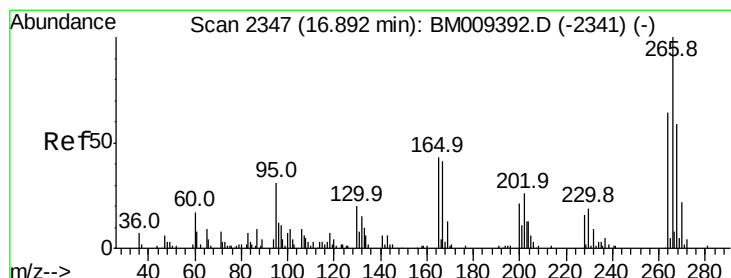
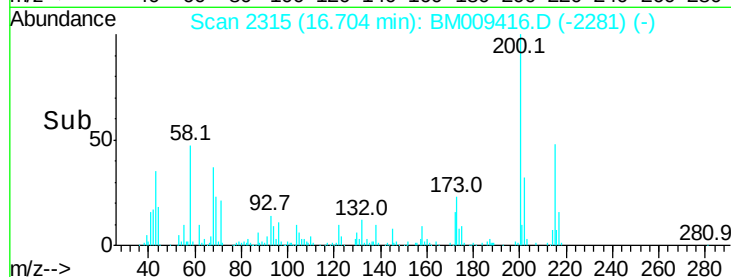
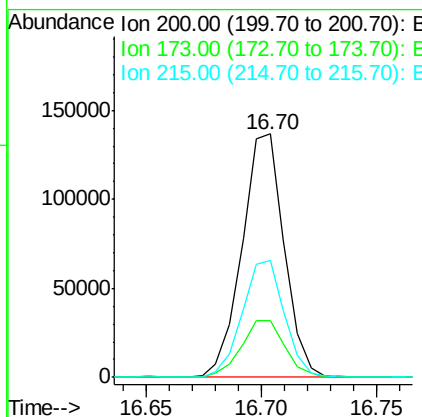
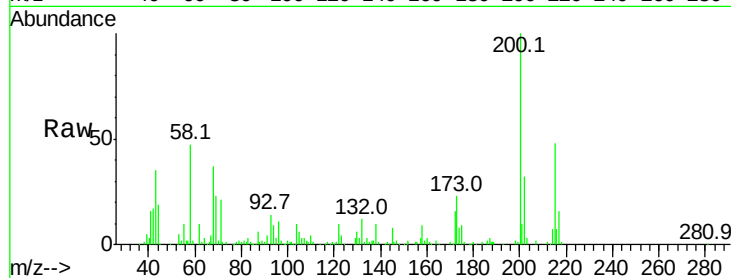




#67
Atrazine
Concen: 19.64 ng/ul
RT: 16.70 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BM009416.D
Acq: 27 Mar 2017 16:34

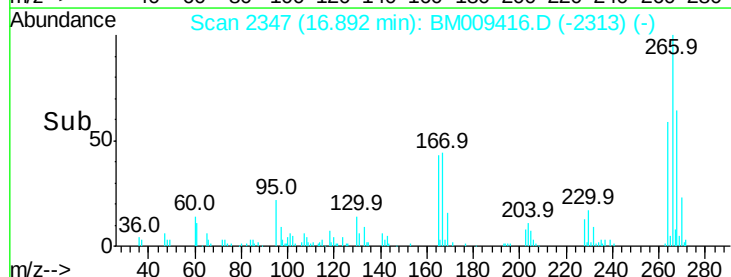
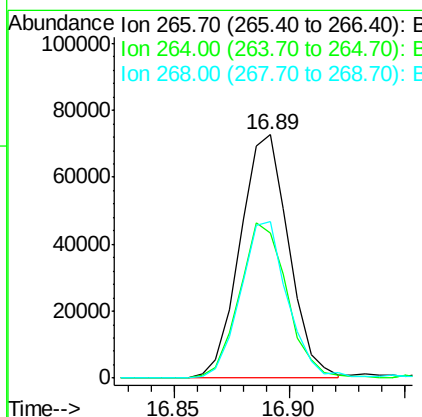
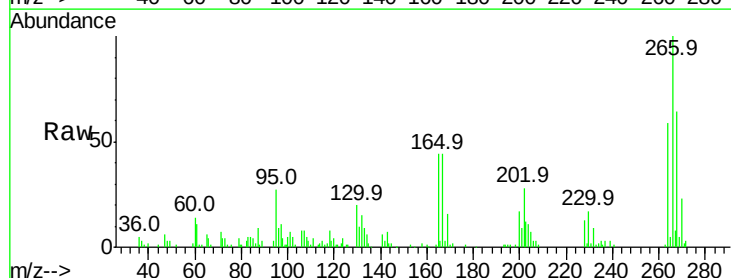
Instrument :
BNA_M
ClientSampleId :
SSTD02034

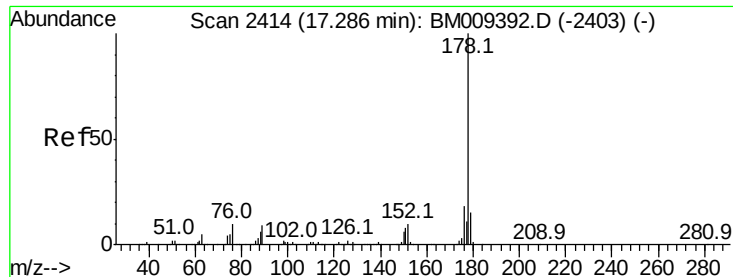
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	21.6	32.4
215	47.9	37.0	55.4



#68
Pentachlorophenol
Concen: 18.04 ng/ul
RT: 16.89 min Scan# 2347
Delta R.T. 0.00 min
Lab File: BM009416.D
Acq: 27 Mar 2017 16:34

Tgt Ion	Ratio	Lower	Upper
266	100		
264	59.4	50.5	75.7
268	64.4	50.9	76.3





#69

Phenanthrene

Concen: 20.28 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

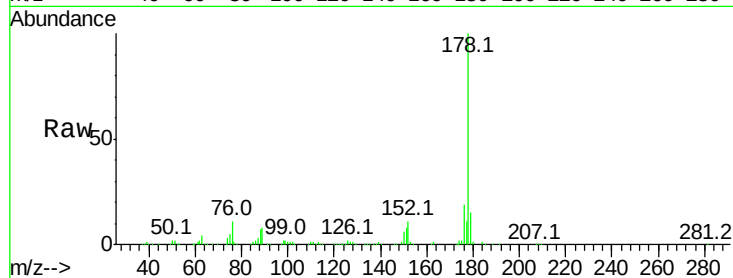
Tot Ion:178 Resp: 883635

Ion Ratio Lower Upper

178 100

179 14.6 12.2 18.4

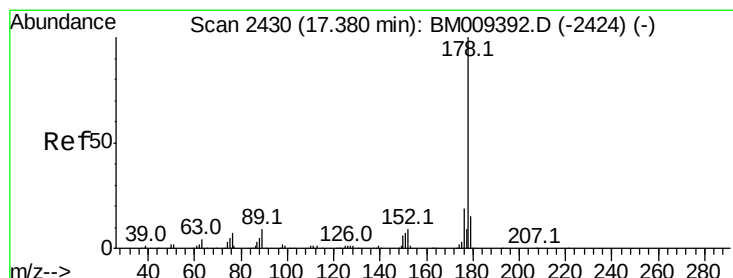
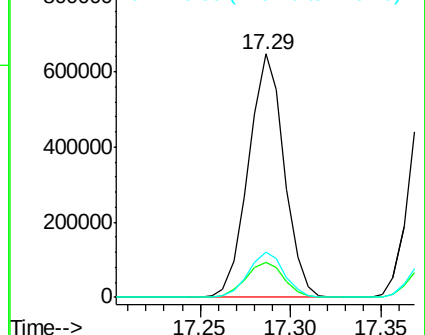
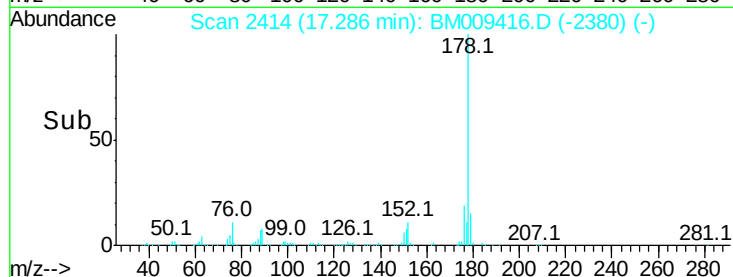
176 18.6 15.6 23.4



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



#71

Anthracene

Concen: 20.64 ng/ul

RT: 17.37 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

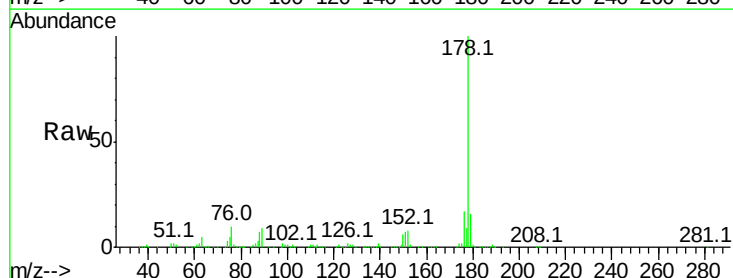
Tgt Ion:178 Resp: 920611

Ion Ratio Lower Upper

178 100

179 16.0 12.1 18.1

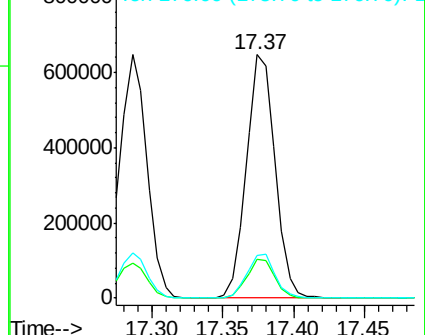
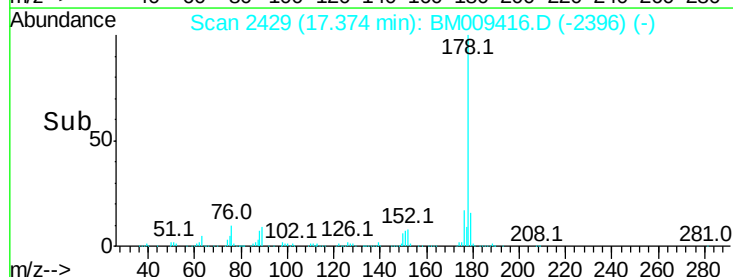
176 17.3 14.8 22.2

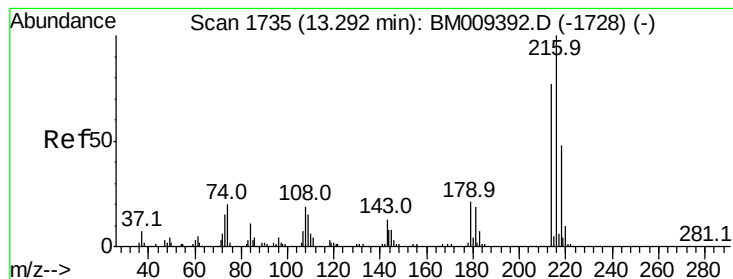


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 18.28 ng/uL

RT: 13.29 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

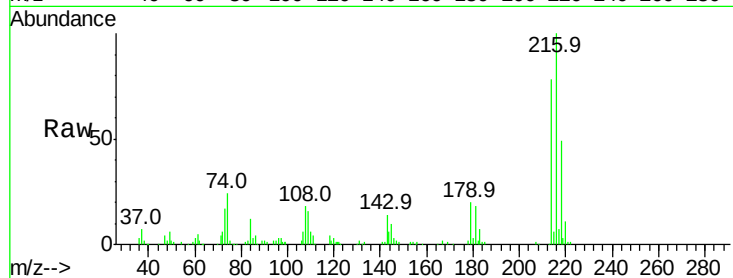
Tot Ion:216 Resp: 207953

Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.5	93.7
218	48.8	38.4	57.6

216 100

214 77.8 62.5 93.7

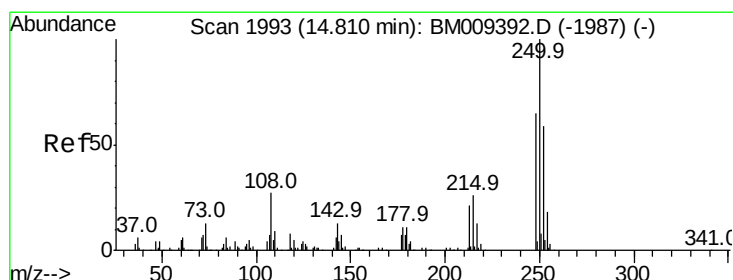
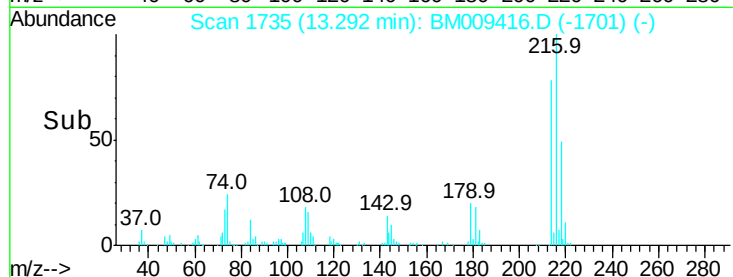
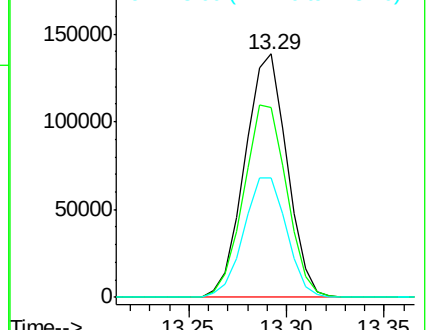
218 48.8 38.4 57.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 19.23 ng/uL

RT: 14.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

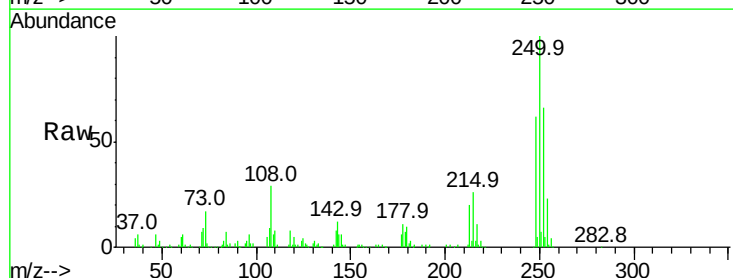
Tgt Ion:250 Resp: 216335

Ion	Ratio	Lower	Upper
250	100		
248	62.4	50.6	75.8
252	65.8	51.4	77.0

250 100

248 62.4 50.6 75.8

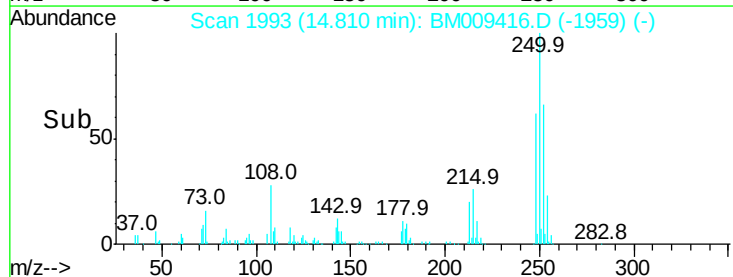
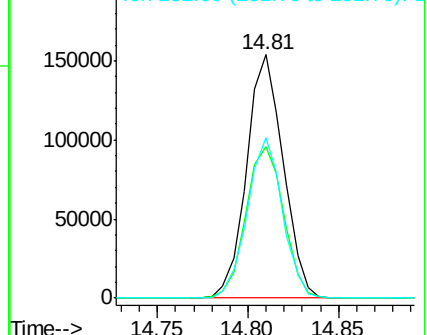
252 65.8 51.4 77.0

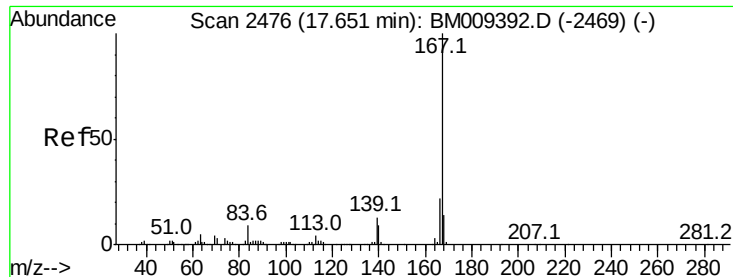


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

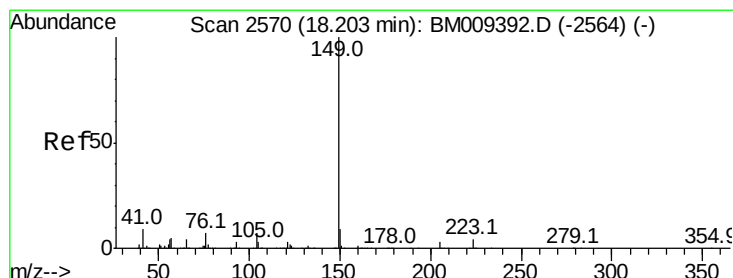
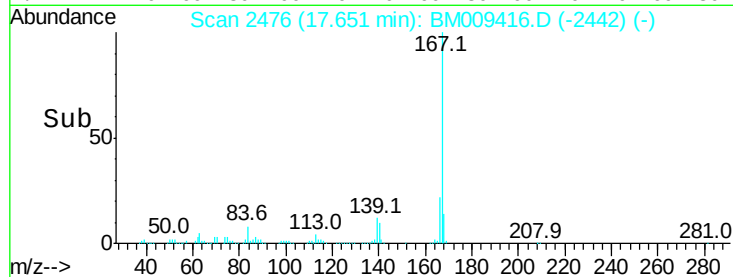
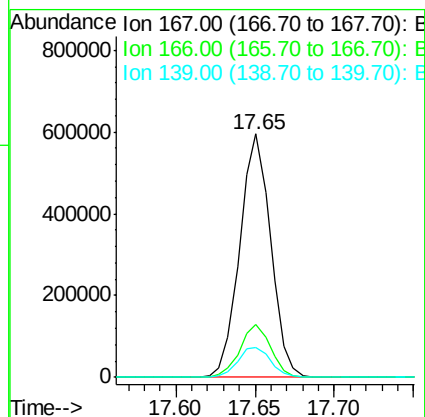
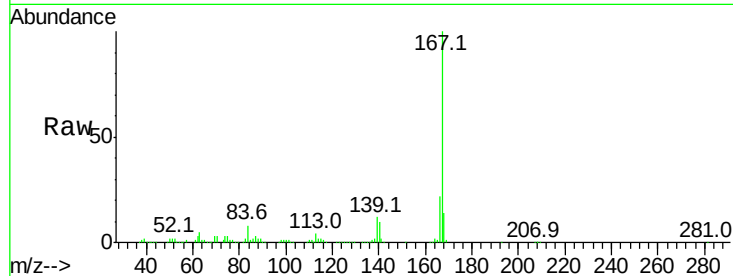




#74
 Carbazole
 Concen: 20.08 ng/ul
 RT: 17.65 min Scan# 2476
 Delta R.T. 0.00 min
 Lab File: BM009416.D
 Acq: 27 Mar 2017 16:34

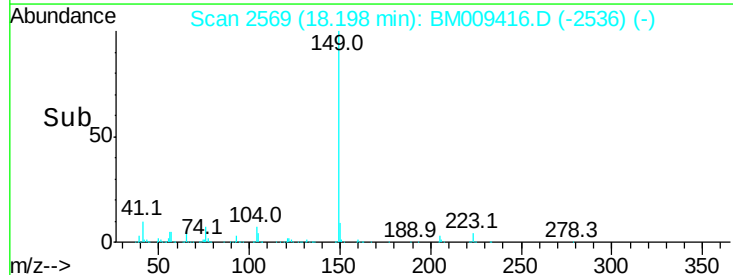
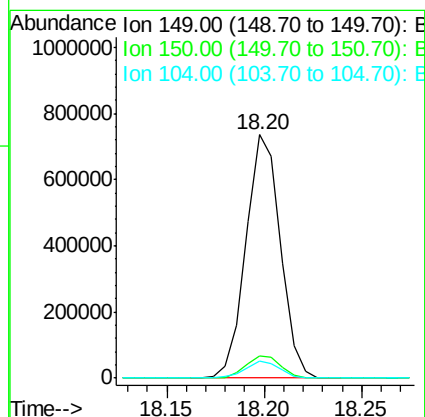
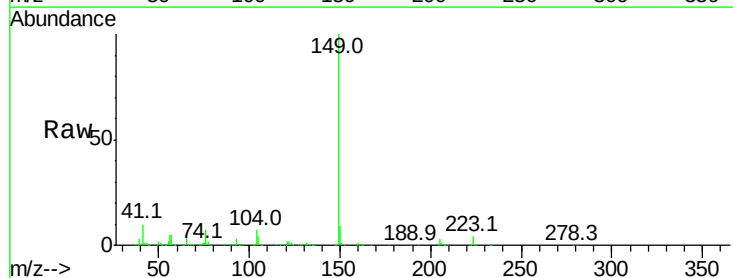
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02034

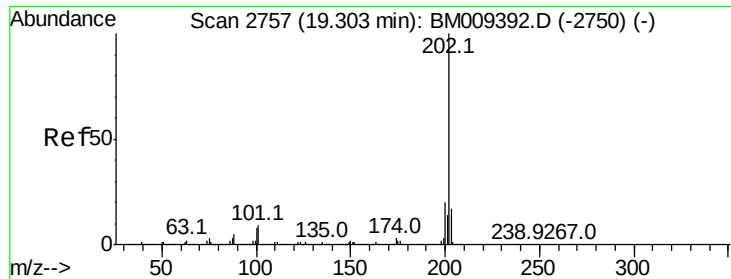
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.0	25.6
139	12.4	11.0	16.4



#75
 Di-n-butylphthalate
 Concen: 20.78 ng/ul
 RT: 18.20 min Scan# 2569
 Delta R.T. -0.01 min
 Lab File: BM009416.D
 Acq: 27 Mar 2017 16:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	7.0	4.0	6.0





#76

Fluoranthene

Concen: 20.40 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

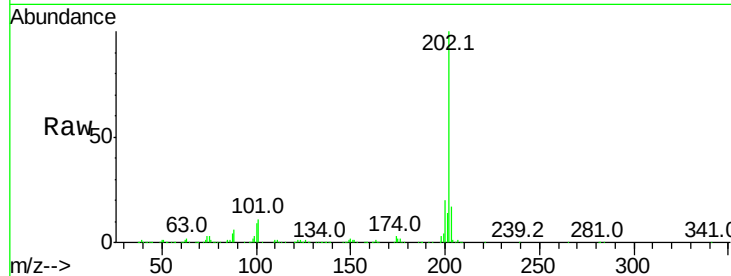
Tot Ion:202 Resp: 1074291

Ion Ratio Lower Upper

202 100

101 10.7 8.8 13.2

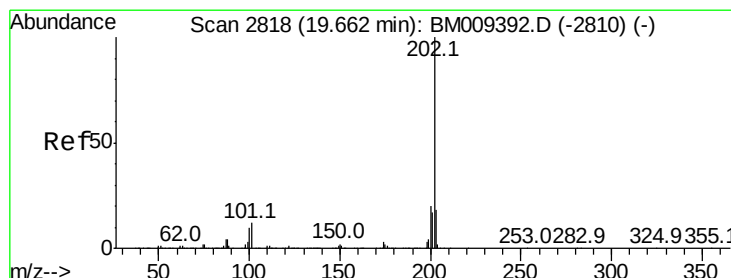
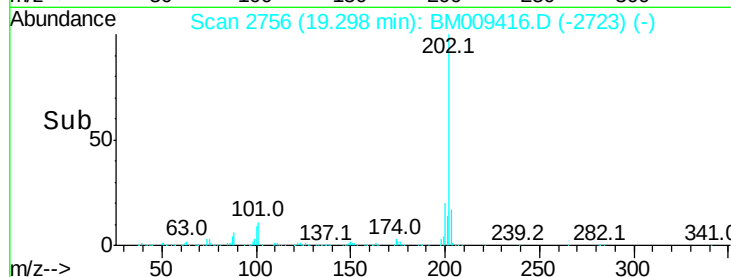
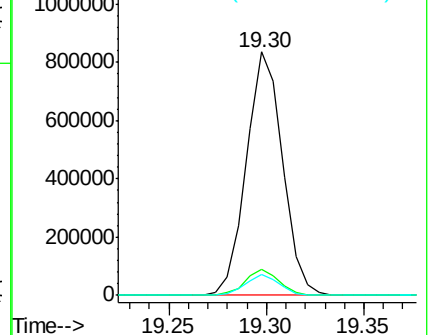
100 8.8 6.6 9.8



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

Pyrene

Concen: 19.77 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

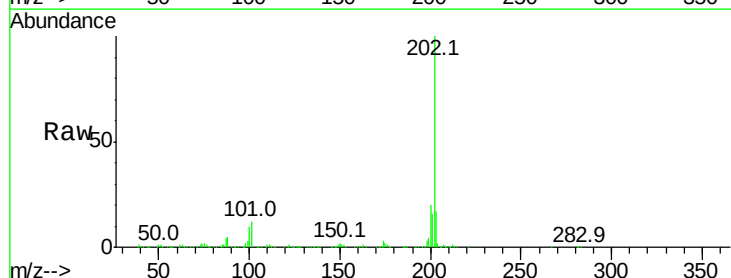
Tgt Ion:202 Resp: 1143824

Ion Ratio Lower Upper

202 100

101 11.9 10.2 15.2

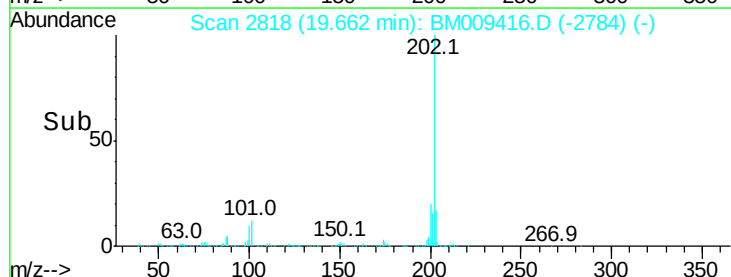
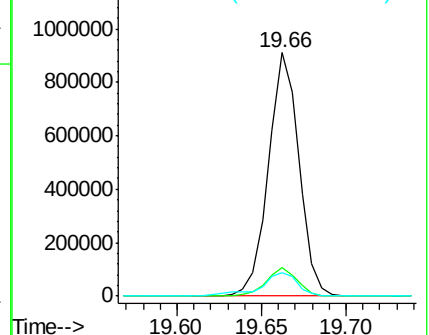
100 9.7 8.5 12.7

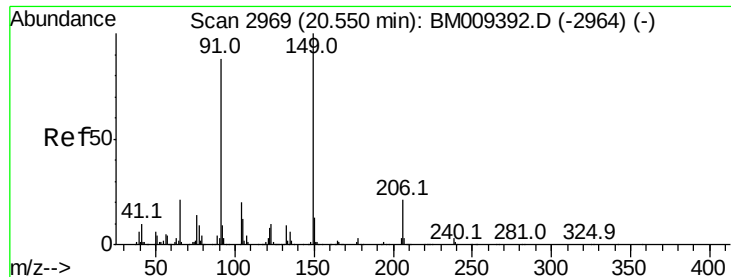


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

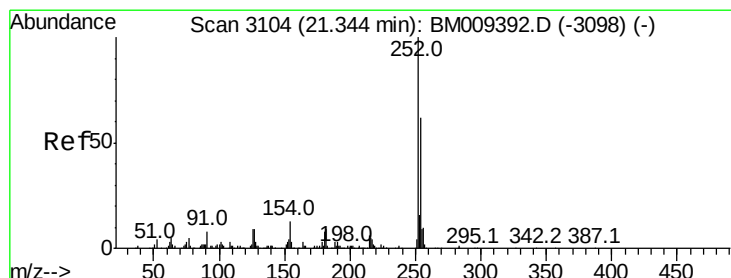
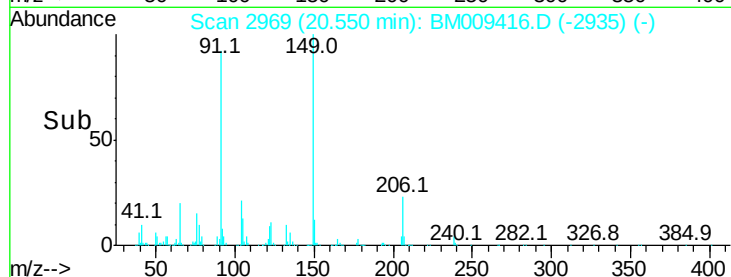
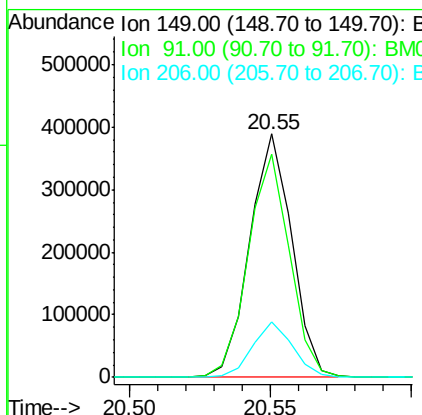
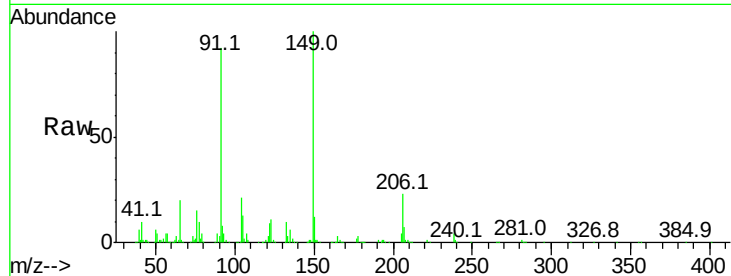




#80
Butylbenzylphthalate
Concen: 18.96 ng/ul
RT: 20.55 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BM009416.D
Acq: 27 Mar 2017 16:34

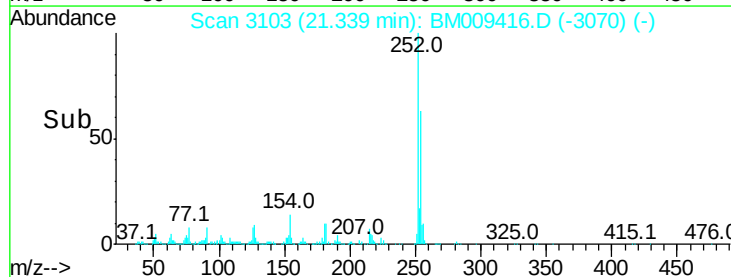
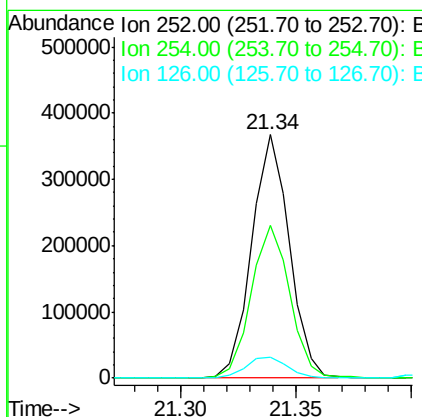
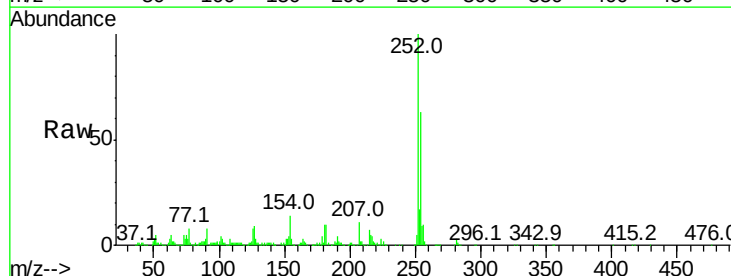
Instrument :
BNA_M
ClientSampleId :
SSTD02034

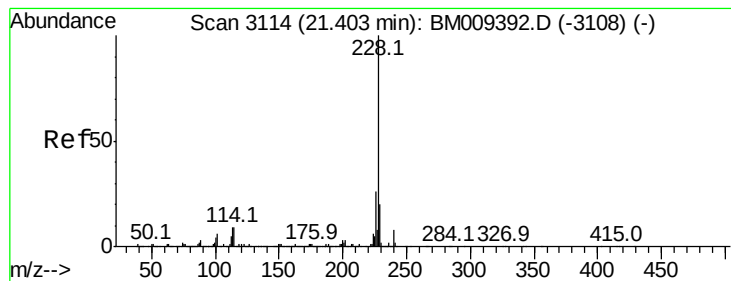
Tot Ion:149 Resp: 400360
Ion Ratio Lower Upper
149 100
91 91.9 53.4 80.2#
206 22.8 16.6 24.8



#81
3,3'-Dichlorobenzidine
Concen: 20.69 ng/ul
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM009416.D
Acq: 27 Mar 2017 16:34

Tgt Ion:252 Resp: 418215
Ion Ratio Lower Upper
252 100
254 62.5 52.2 78.2
126 8.5 9.4 14.2#





#82

Benzo(a)anthracene

Concen: 20.06 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

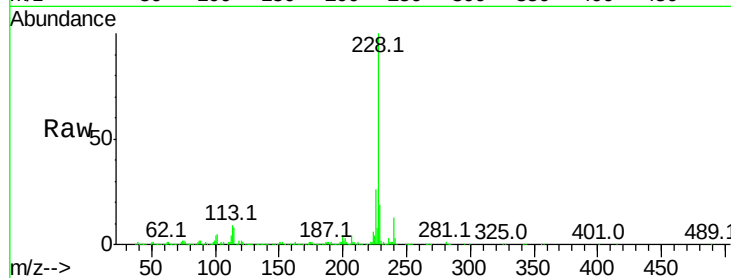
Tot Ion:228 Resp: 1201178

Ion Ratio Lower Upper

228 100

229 19.3 15.7 23.5

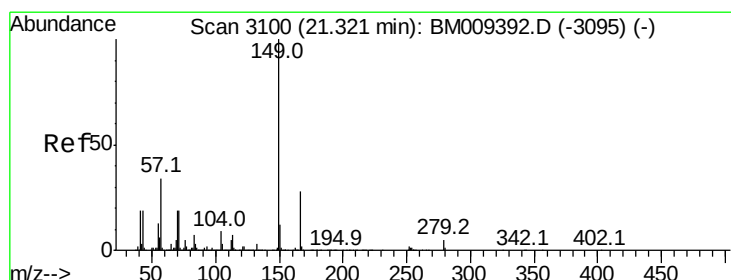
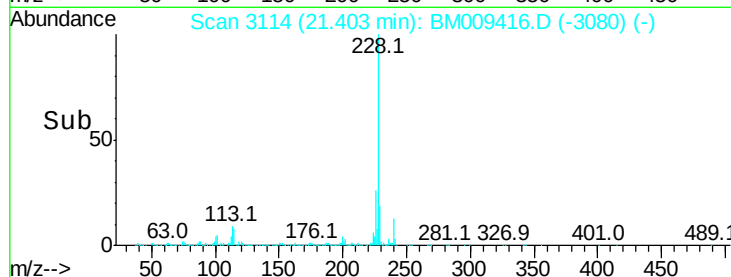
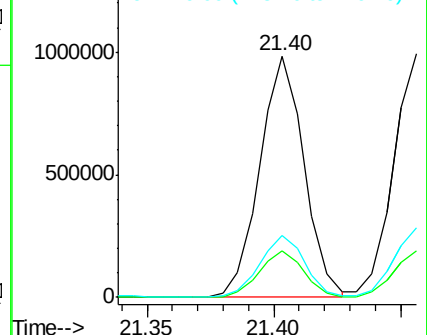
226 25.7 21.8 32.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 19.11 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

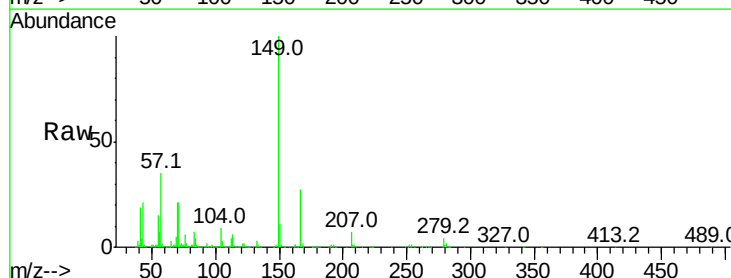
Tgt Ion:149 Resp: 592168

Ion Ratio Lower Upper

149 100

167 27.2 21.6 32.4

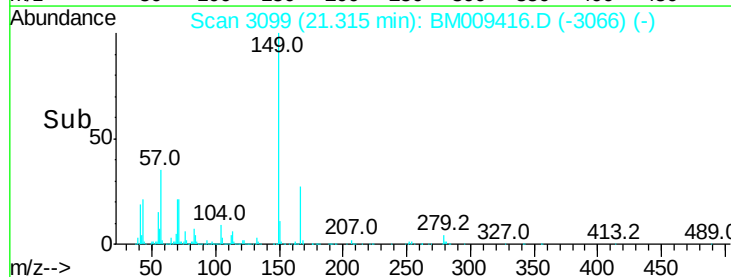
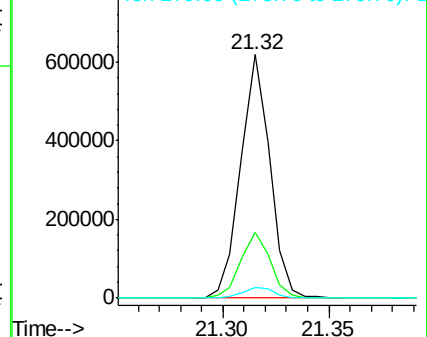
279 4.5 3.0 4.4#

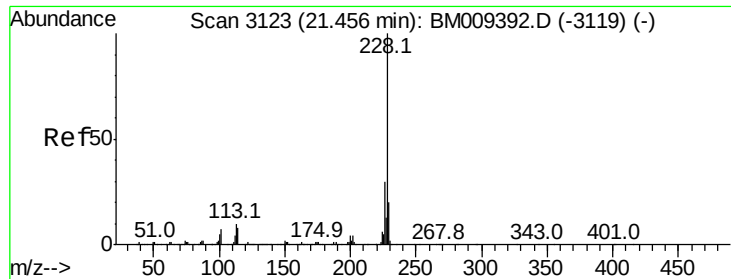


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 20.55 ng/ul

RT: 21.46 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

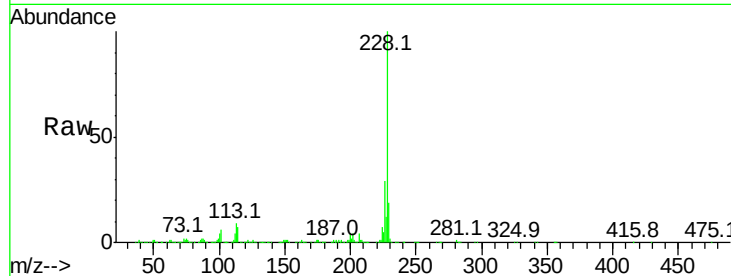
BNA_M

ClientSampleId :

SSTD02034

Tot Ion:228 Resp: 1166636

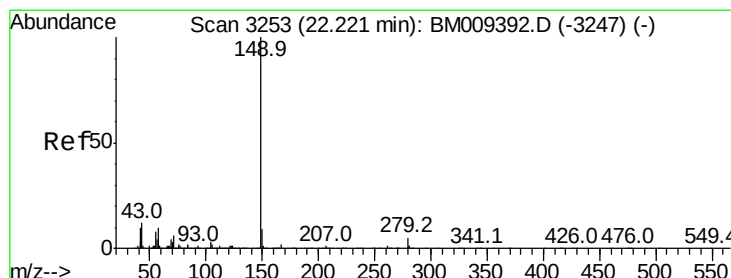
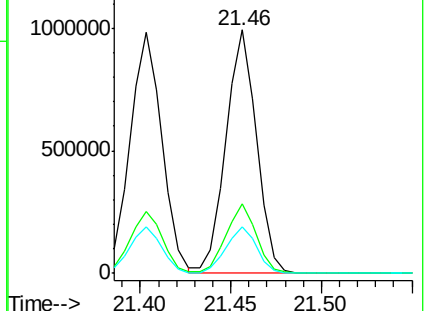
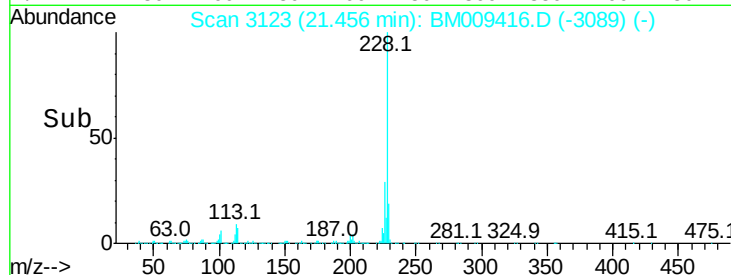
Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	19.3	15.6	23.4



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



#86

Di-n-octyl phthalate

Concen: 18.10 ng/ul

RT: 22.22 min Scan# 3252

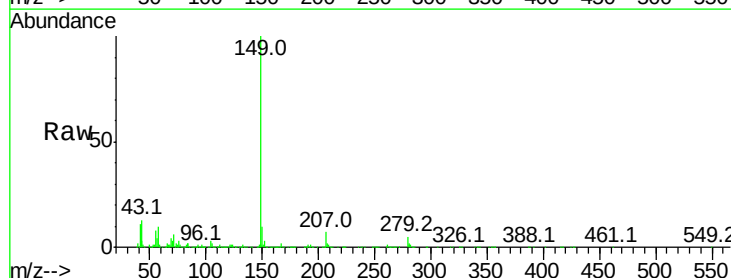
Delta R.T. -0.01 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Tgt Ion:149 Resp: 1060995

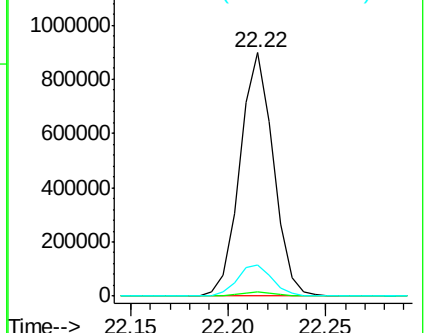
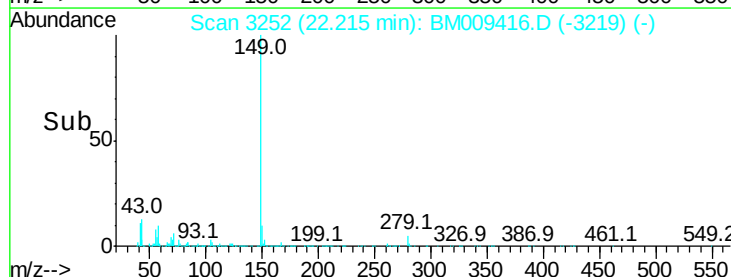
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.9	5.6	8.4

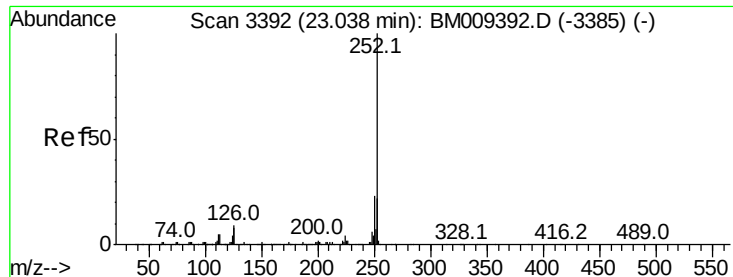


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#87

Benzo(b)fluoranthene

Concen: 20.44 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

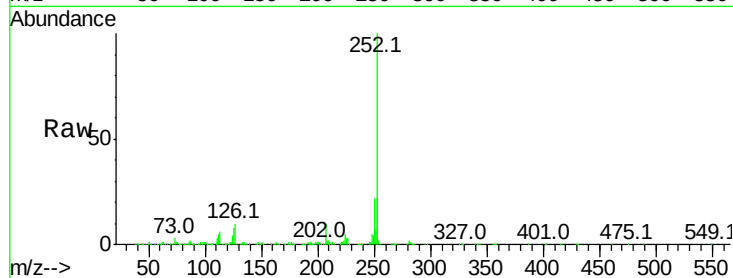
Tot Ion:252 Resp: 1246953

Ion Ratio Lower Upper

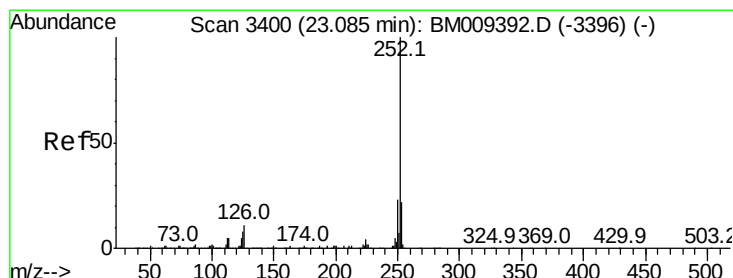
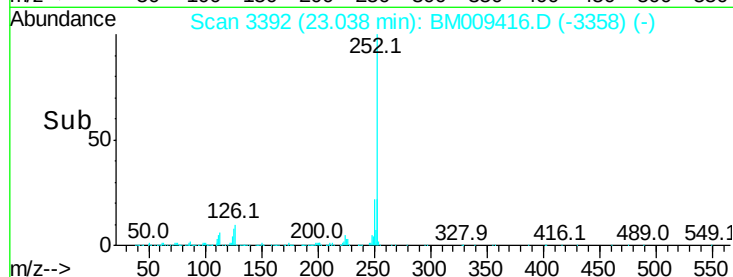
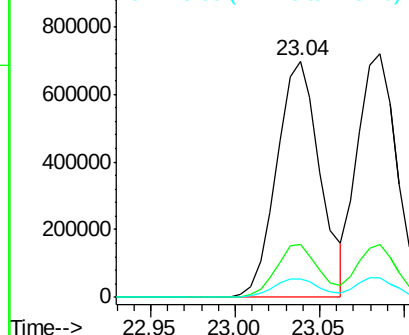
252 100

253 22.1 17.5 26.3

125 8.0 8.5 12.7#



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: 20.10 ng/ul

RT: 23.09 min Scan# 3400

Delta R.T. 0.00 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

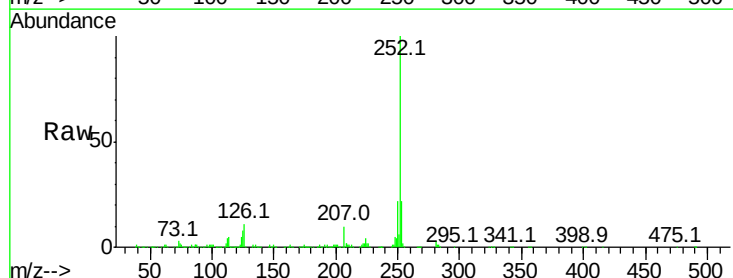
Tgt Ion:252 Resp: 1167779

Ion Ratio Lower Upper

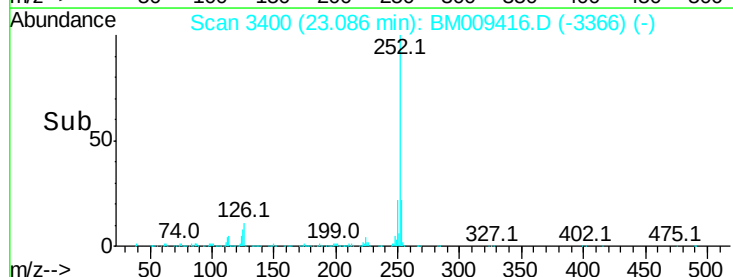
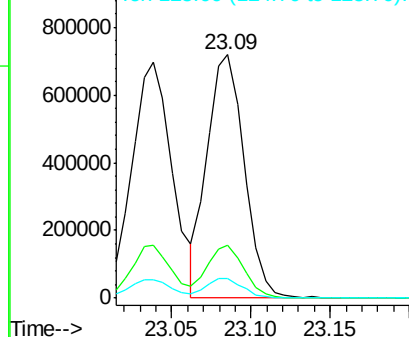
252 100

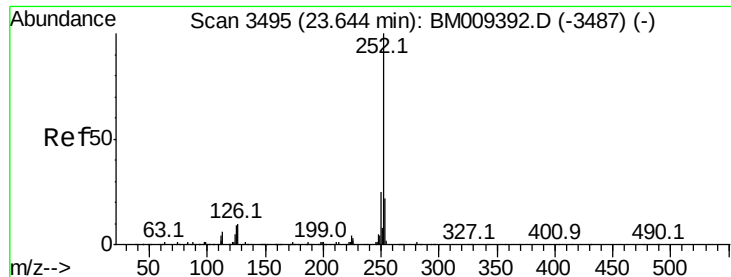
253 21.6 17.3 25.9

125 8.3 8.2 12.2



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

Benzo(a)pyrene

Concen: 20.42 ng/ul

RT: 23.64 min Scan# 3494

Delta R.T. -0.01 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

BNA_M

ClientSampleId :

SSTD02034

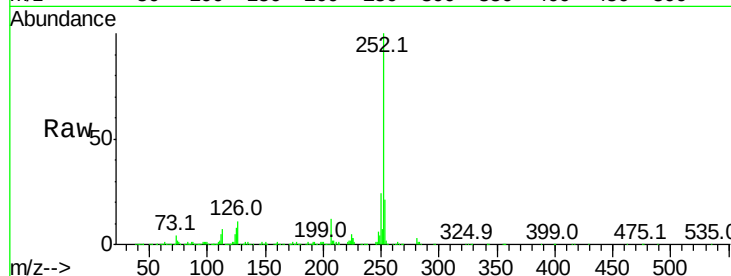
Tot Ion:252 Resp: 1187415

Ion Ratio Lower Upper

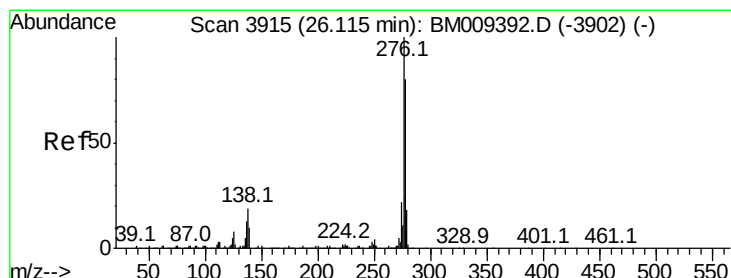
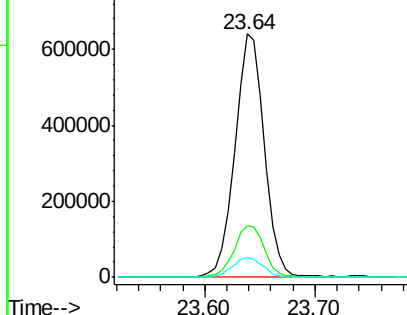
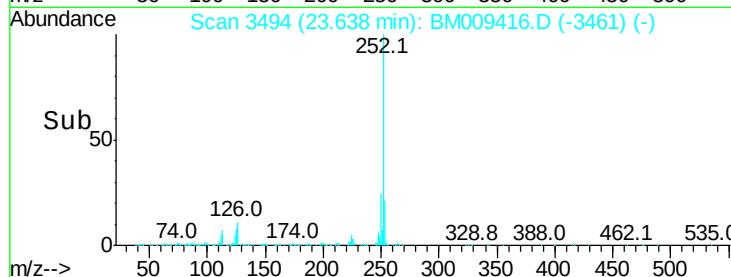
252 100

253 21.0 17.2 25.8

125 8.2 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 20.71 ng/ul

RT: 26.11 min Scan# 3914

Delta R.T. -0.01 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

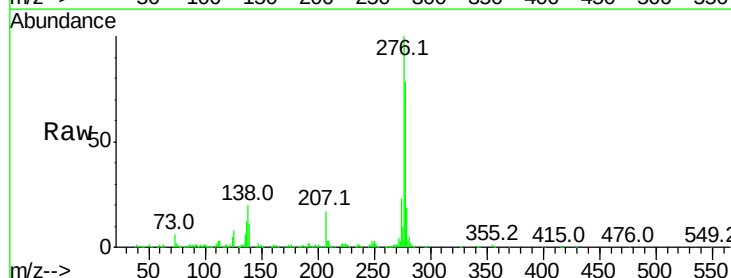
Tgt Ion:276 Resp: 1371720

Ion Ratio Lower Upper

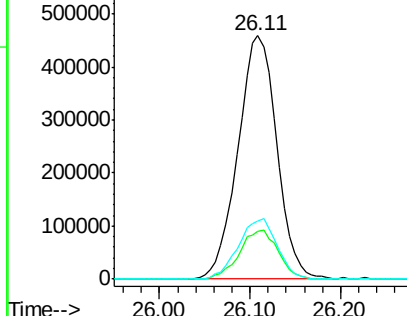
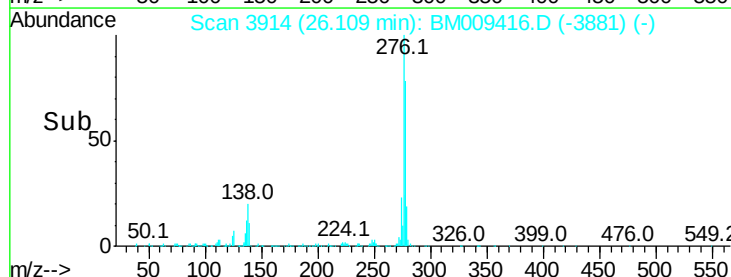
276 100

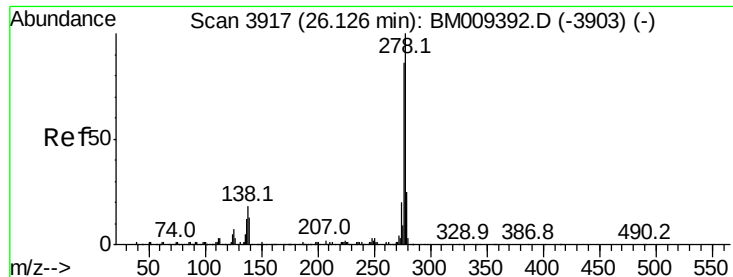
138 19.8 22.3 33.5#

277 23.7 20.2 30.2



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





#92

Dibenzo(a,h)anthracene

Concen: 20.52 ng/ul

RT: 26.11 min Scan# 3915

Delta R.T. -0.01 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Instrument :

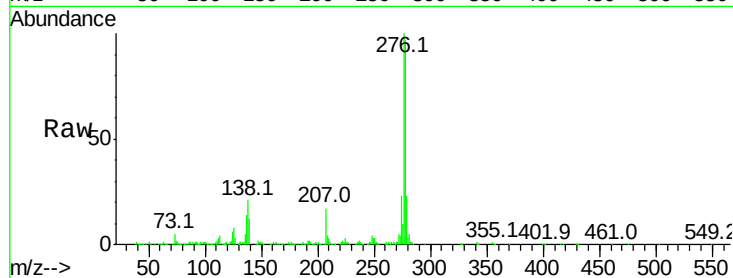
BNA_M

ClientSampled :

SSTD02034

Tot Ion:278 Resp: 1164114

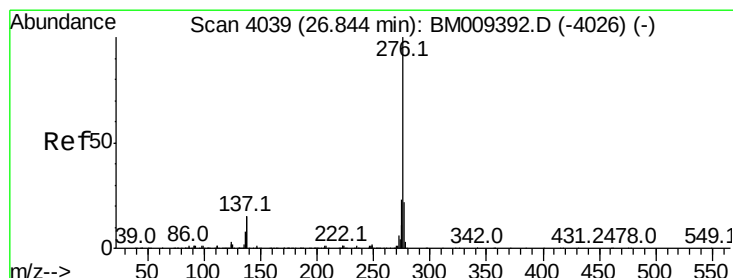
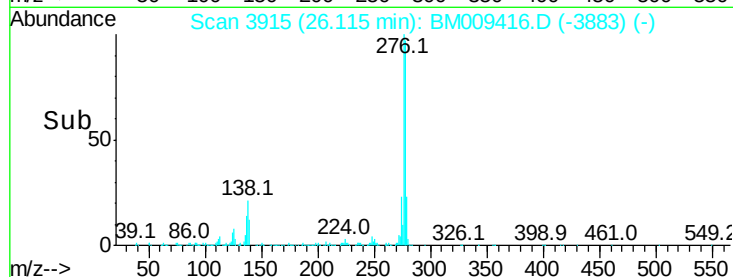
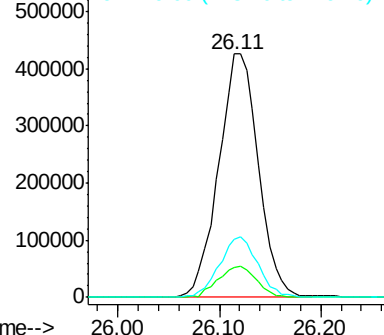
Ion	Ratio	Lower	Upper
278	100		
139	12.3	13.9	20.9#
279	23.6	19.0	28.4



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



#93

Benzo(g,h,i)perylene

Concen: 20.64 ng/ul

RT: 26.84 min Scan# 4038

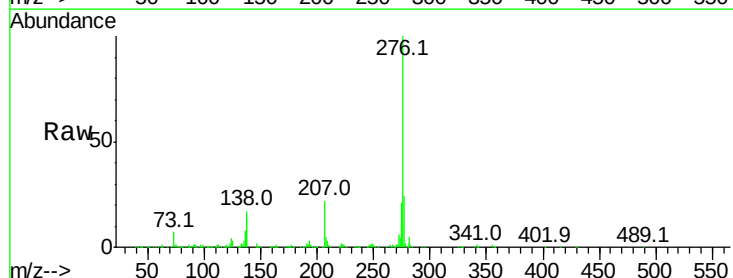
Delta R.T. -0.01 min

Lab File: BM009416.D

Acq: 27 Mar 2017 16:34

Tgt Ion:276 Resp: 1138756

Ion	Ratio	Lower	Upper
276	100		
138	17.2	18.9	28.3#
277	24.1	19.2	28.8



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

