

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
 Data File : BM005550.D
 Acq On : 21 May 2016 14:52
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02058

Quant Time: May 22 04:52:34 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 21 03:34:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	78961	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	349112	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	203561	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	452927	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	491219	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	485187	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	14146	7.85	ng/uL	0.00
5) Phenol-d5	6.98	99	131943	20.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	77931	20.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	107832	19.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	107698	20.31	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	50934	19.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	54847	18.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	108341	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	109761	19.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	323544	19.47	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	407979	19.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	59056	18.79	ng/ul	0.00
57) Fluorene-d10	15.45	176	280839	19.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	45258	17.37	ng/ul	0.00
70) Anthracene-d10	17.29	188	425155	19.71	ng/ul	0.00
76) Pyrene-d10	19.58	212	454081	20.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	439048	19.38	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	24631	7.74	ng/uL	96
4) Benzaldehyde	6.96	77	58581	13.95	ng/ul	98
6) Phenol	7.01	94	138844	20.83	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.25	93	105494	20.94	ng/ul	98
10) 2-Chlorophenol	7.39	128	108526	20.03	ng/ul	98
11) 2-Methylphenol	8.26	108	103691	20.52	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.36	45	138663	20.62	ng/ul	99
14) Acetophenone	8.64	105	167104	20.93	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.62	70	85302	20.23	ng/ul	97
16) 4-Methylphenol	8.59	108	113283	20.65	ng/ul	98
17) Hexachloroethane	8.90	117	41521	19.15	ng/ul	97
20) Nitrobenzene	9.02	77	124305	19.22	ng/ul	97
21) Isophorone	9.54	82	236351	19.55	ng/ul	98
23) 2-Nitrophenol	9.73	139	60759	19.23	ng/ul	92
24) 2,4-Dimethylphenol	9.79	107	127331	19.50	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.02	93	142330	19.99	ng/ul	99
27) 2,4-Dichlorophenol	10.26	162	106311	19.49	ng/ul	98
28) Naphthalene	10.66	128	344925	19.67	ng/ul	99
30) 4-Chloroaniline	10.77	127	113056	19.91	ng/ul	97
31) Hexachlorobutadiene	10.95	225	66777	18.32	ng/ul	98
32) Caprolactam	11.52	113	34872	19.15	ng/ul	100
33) 4-Chloro-3-methylphenol	11.89	107	117401	19.64	ng/ul	98
34) 2-Methylnaphthalene	12.27	142	254595	19.84	ng/ul	100

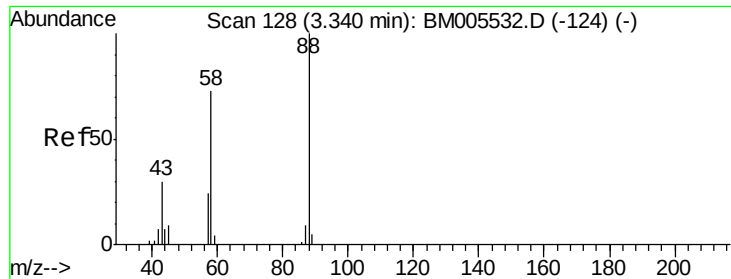
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
 Data File : BM005550.D
 Acq On : 21 May 2016 14:52
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
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Instrument :
 BNA_M
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	132527	19.06	ng/ul	99
37) Hexachlorocyclopentadiene	12.62	237	74528	17.06	ng/ul	96
38) 2,4,6-Trichlorophenol	12.88	196	87123	19.22	ng/ul	96
39) 2,4,5-Trichlorophenol	12.95	196	95827	19.20	ng/ul	95
40) 1,1'-Biphenyl	13.29	154	335417	19.63	ng/ul	99
41) 2-Chloronaphthalene	13.33	162	255120	19.37	ng/ul	98
42) 2-Nitroaniline	13.53	65	72983	18.42	ng/ul	98
44) Dimethylphthalate	13.91	163	322678	19.65	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	64553	19.45	ng/ul	98
47) Acenaphthylene	14.17	152	415529	19.69	ng/ul	100
48) 3-Nitroaniline	14.36	138	57728	18.77	ng/ul	96
49) Acenaphthene	14.52	153	271889	19.54	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	29013	15.61	ng/ul	88
52) 4-Nitrophenol	14.66	109	54348	17.21	ng/ul	92
53) Dibenzofuran	14.85	168	388652	19.56	ng/ul	99
54) 2,4-Dinitrotoluene	14.82	165	94257	19.46	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.07	232	81683	18.73	ng/ul	95
56) Diethylphthalate	15.27	149	321730	19.21	ng/ul	99
58) Fluorene	15.50	166	313598	19.72	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	152608	19.20	ng/ul	98
60) 4-Nitroaniline	15.52	138	63393	16.90	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.57	198	48932	17.88	ng/ul#	94
64) N-Nitrosodiphenylamine	15.71	169	278693	20.28	ng/ul	100
65) 4-Bromophenyl-phenylether	16.39	248	97674	19.36	ng/ul	98
66) Hexachlorobenzene	16.50	284	111123	19.33	ng/ul	98
67) Atrazine	16.66	200	100268	19.50	ng/ul	99
68) Pentachlorophenol	16.84	266	62620	18.15	ng/ul	99
69) Phenanthrene	17.23	178	497432	19.65	ng/ul	99
71) Anthracene	17.33	178	506261	19.62	ng/ul	99
72) Carbazole	17.59	167	457183	20.42	ng/ul	99
73) Di-n-butylphthalate	18.16	149	520434	19.16	ng/ul	100
74) Fluoranthene	19.24	202	565171	19.84	ng/ul	97
77) Pyrene	19.61	202	582856	20.64	ng/ul	99
78) Butylbenzylphthalate	20.51	149	234141	19.67	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.29	252	149771	16.82	ng/ul	98
80) Benzo(a)anthracene	21.35	228	560320	19.41	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.29	149	333082	19.82	ng/ul	100
82) Chrysene	21.40	228	533894	19.44	ng/ul	100
84) Di-n-octyl phthalate	22.17	149	573365	20.60	ng/ul	99
85) Benzo(b)fluoranthene	22.96	252	554185	19.37	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	551260	20.35	ng/ul	99
88) Benzo(a)pyrene	23.55	252	543858	19.59	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.95	276	624611	18.94	ng/ul	97
90) Dibenzo(a,h)anthracene	25.96	278	519571	18.92	ng/ul	97
91) Benzo(g,h,i)perylene	26.66	276	524452	18.92	ng/ul	99

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



#2

1,4-Dioxane

Concen: 7.74 ng/uL

RT: 3.34 min Scan# 128

Delta R.T. 0.00 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

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SSTD02058

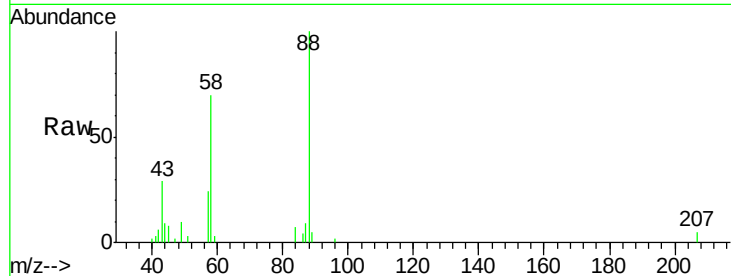
Tgt Ion: 88 Resp: 24631

Ion Ratio Lower Upper

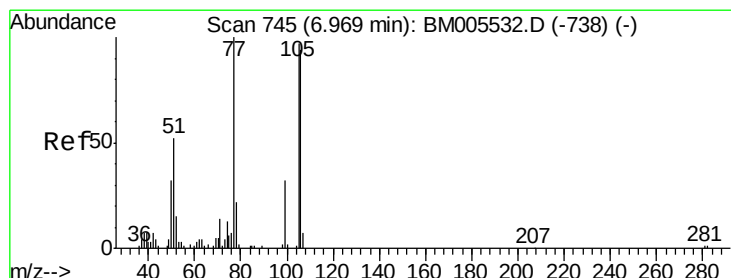
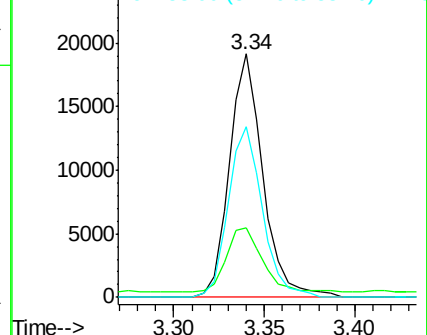
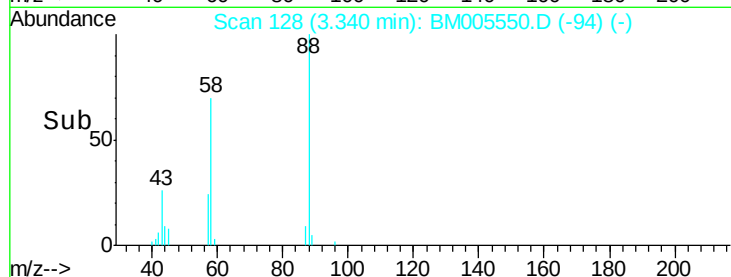
88 100

43 27.6 25.0 37.6

58 71.3 59.3 88.9



Abundance Ion 88.00 (87.70 to 88.70): BM005550.D (-94) (-)



#4

Benzaldehyde

Concen: 13.95 ng/uL

RT: 6.96 min Scan# 744

Delta R.T. -0.01 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

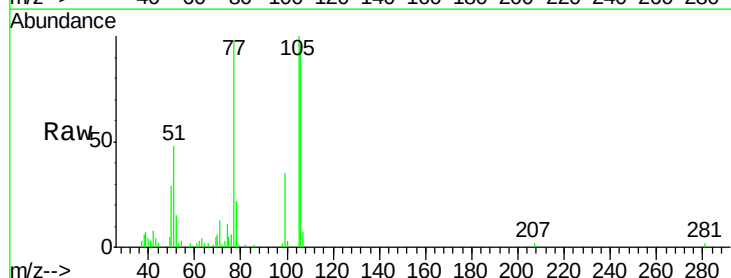
Tgt Ion: 77 Resp: 58581

Ion Ratio Lower Upper

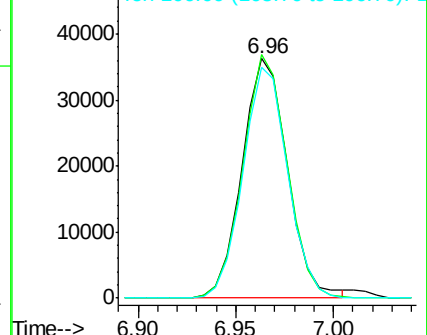
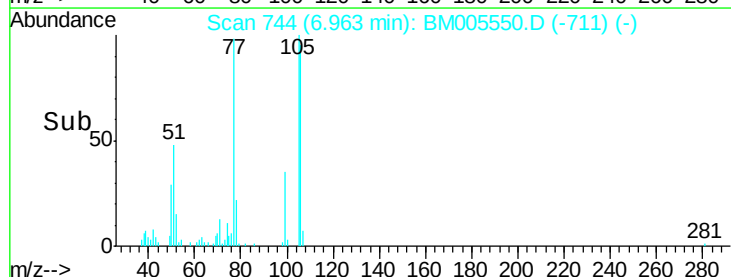
77 100

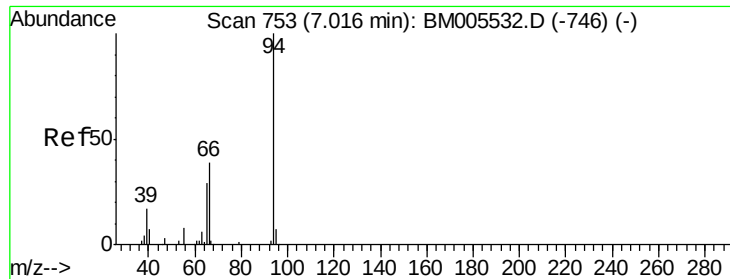
105 101.7 79.3 118.9

106 96.2 75.2 112.8



Abundance Ion 77.00 (76.70 to 77.70): BM005550.D (-711) (-)





#6

Phenol

Concen: 20.83 ng/ul

RT: 7.01 min Scan# 752

Delta R.T. -0.01 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

Instrument :

BNA_M

ClientSampleId :

SSTD02058

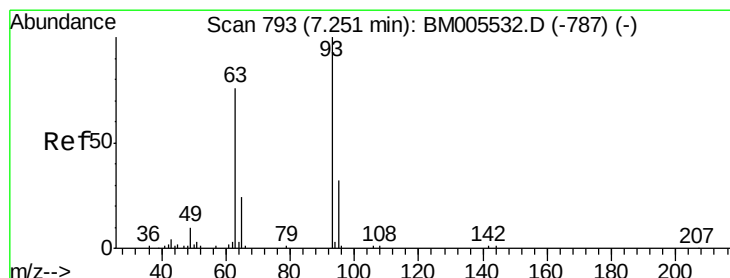
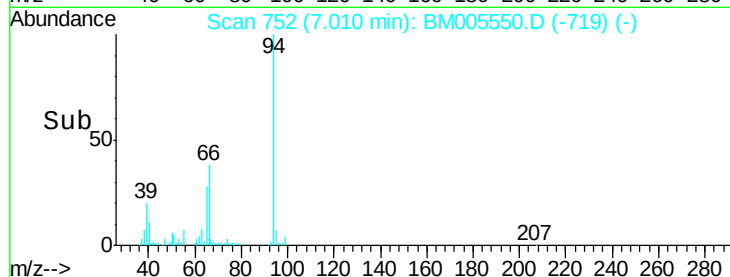
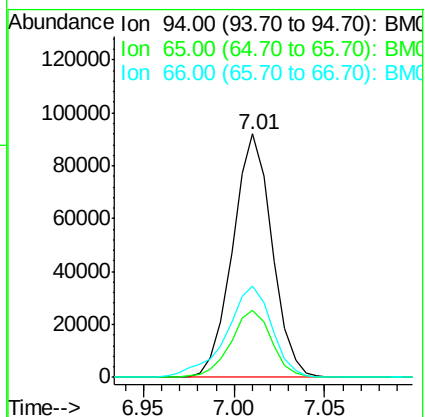
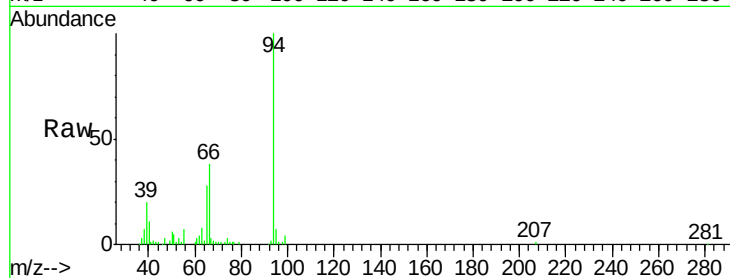
Tgt Ion: 94 Resp: 138844

Ion Ratio Lower Upper

94 100

65 27.7 24.2 36.2

66 37.7 33.9 50.9



#8

Bis(2-Chloroethyl)ether

Concen: 20.94 ng/ul

RT: 7.25 min Scan# 792

Delta R.T. -0.01 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

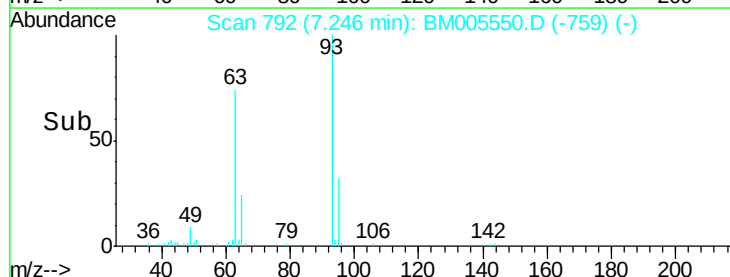
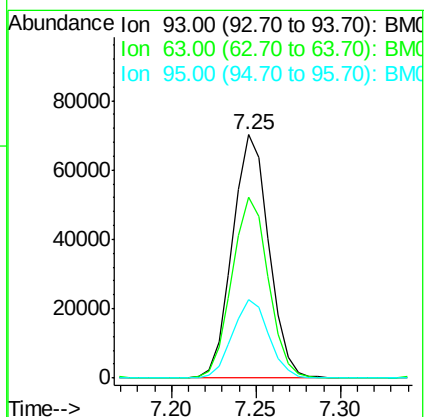
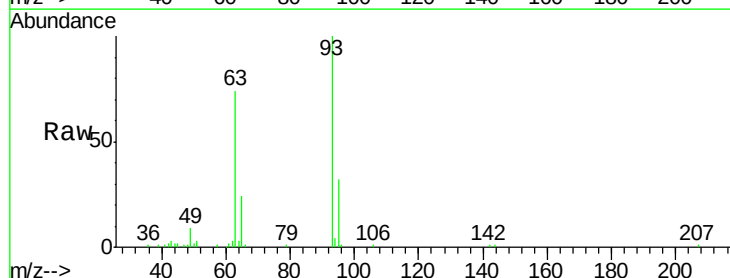
Tgt Ion: 93 Resp: 105494

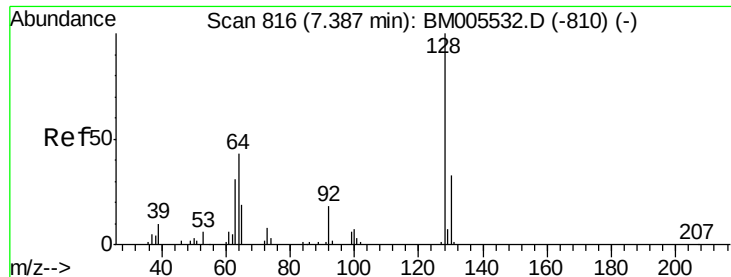
Ion Ratio Lower Upper

93 100

63 74.5 60.2 90.4

95 32.5 24.1 36.1

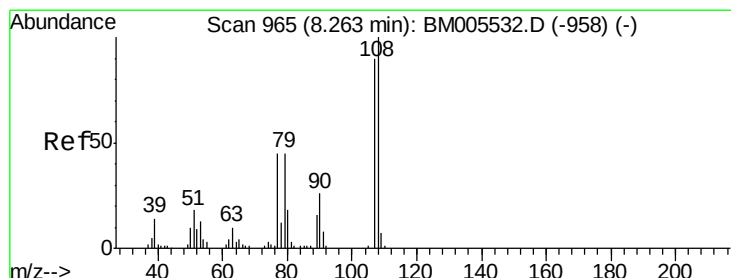
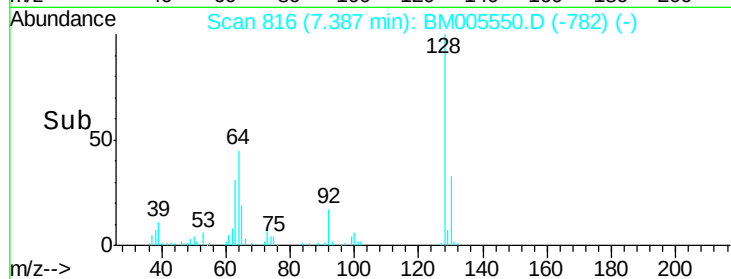
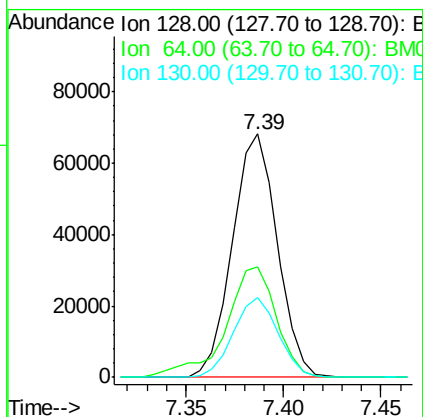
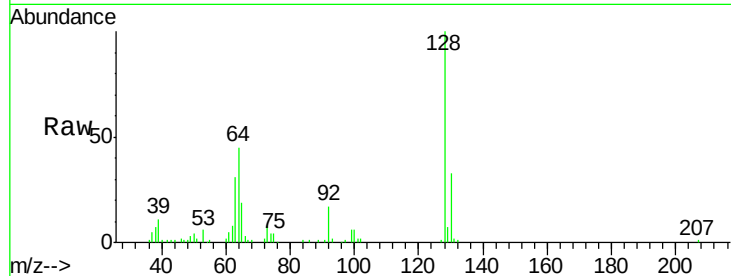




#10
2-Chlorophenol
Concen: 20.03 ng/ul
RT: 7.39 min Scan# 816
Delta R.T. 0.00 min
Lab File: BM005550.D
Acq: 21 May 2016 14:52

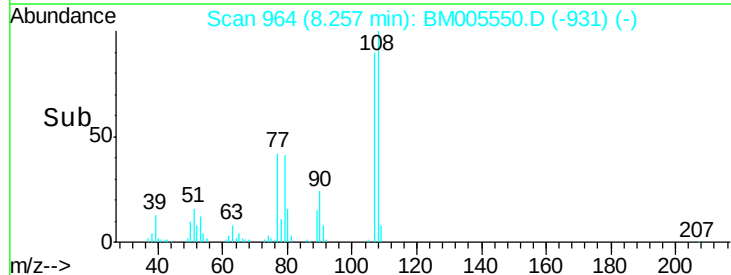
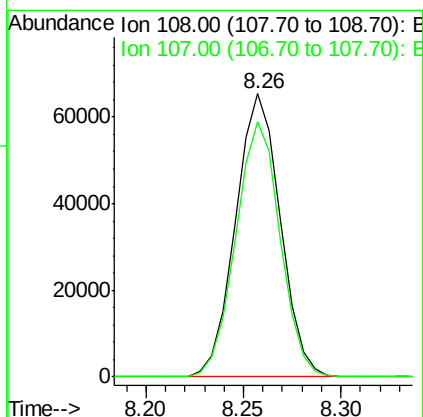
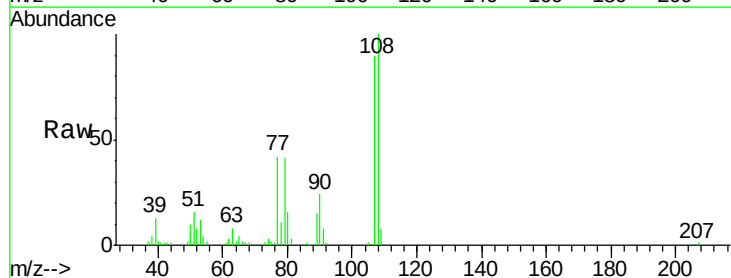
Instrument :
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ClientSampleId :
SSTD02058

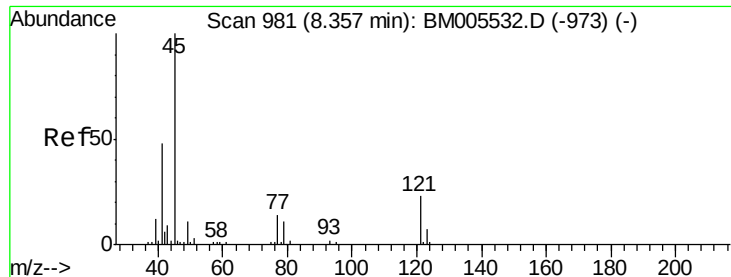
Tgt Ion:128 Resp: 108526
Ion Ratio Lower Upper
128 100
64 45.1 37.3 55.9
130 32.5 26.6 40.0



#11
2-Methylphenol
Concen: 20.52 ng/ul
RT: 8.26 min Scan# 964
Delta R.T. -0.01 min
Lab File: BM005550.D
Acq: 21 May 2016 14:52

Tgt Ion:108 Resp: 103691
Ion Ratio Lower Upper
108 100
107 90.4 74.0 111.0

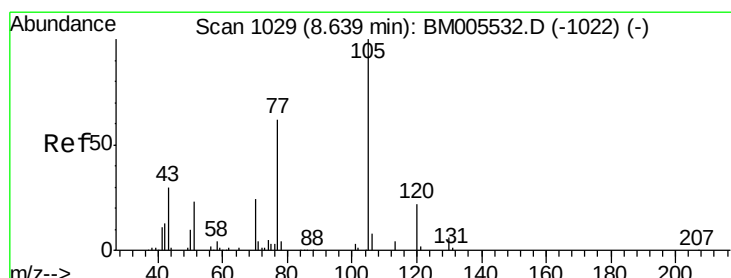
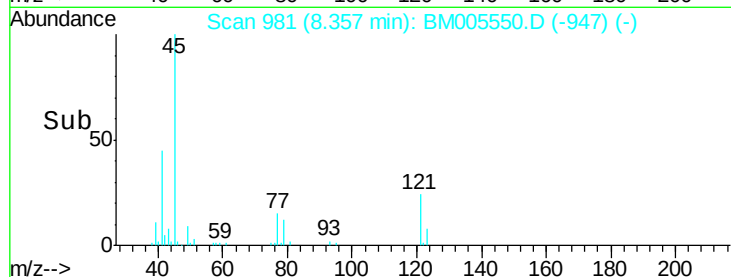
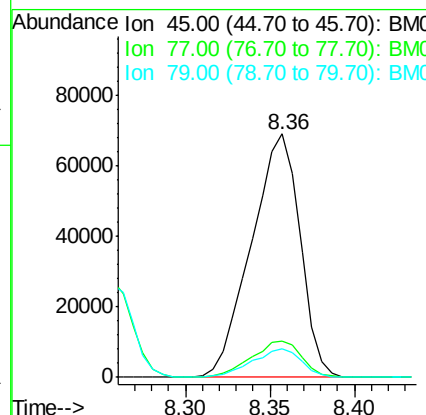
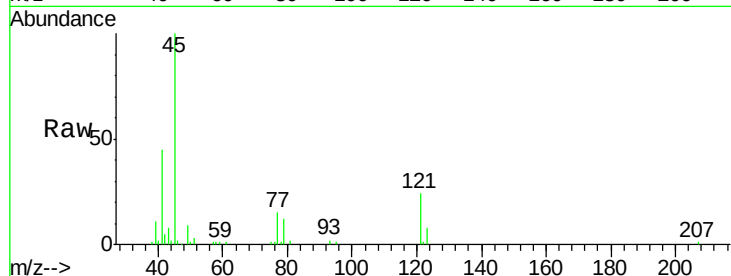




#12
2,2'-oxybis(1-Chloropropane)
Concen: 20.62 ng/ul
RT: 8.36 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM005550.D
Acq: 21 May 2016 14:52

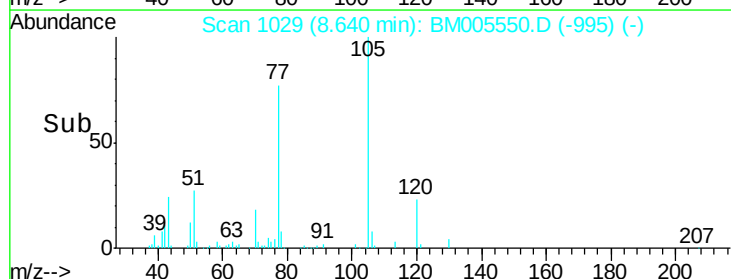
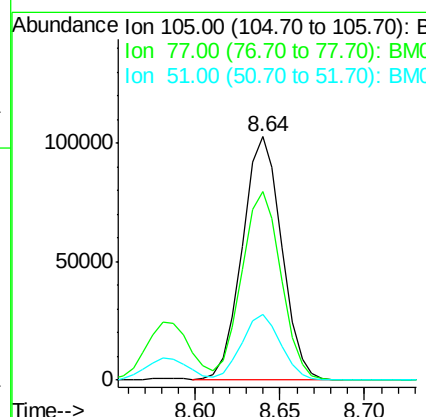
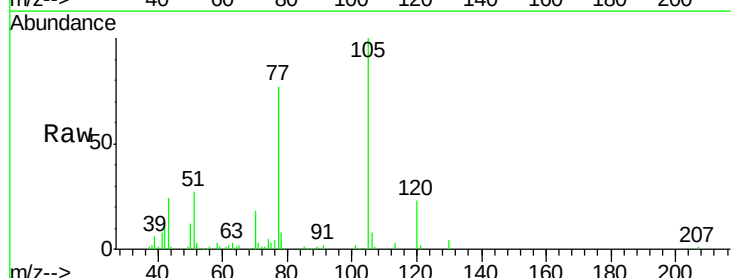
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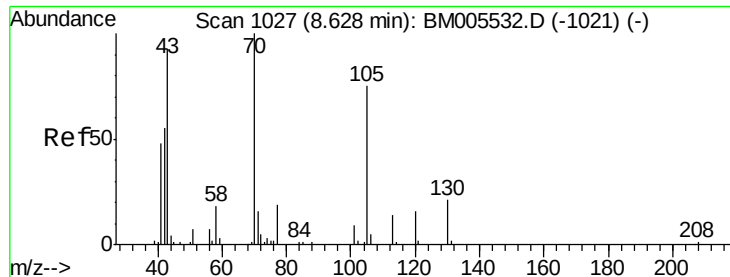
Tgt Ion: 45 Resp: 138663
Ion Ratio Lower Upper
45 100
77 14.6 12.1 18.1
79 11.8 9.4 14.2



#14
Acetophenone
Concen: 20.93 ng/ul
RT: 8.64 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BM005550.D
Acq: 21 May 2016 14:52

Tgt Ion: 105 Resp: 167104
Ion Ratio Lower Upper
105 100
77 77.4 60.8 91.2
51 27.1 22.2 33.2

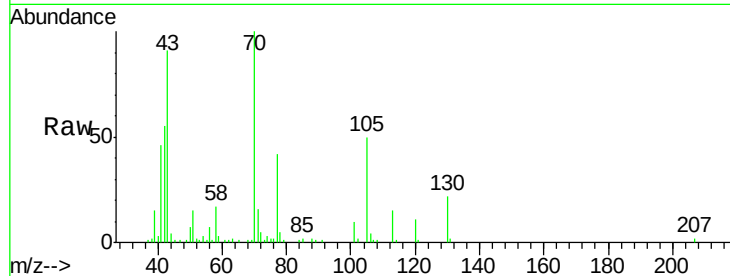




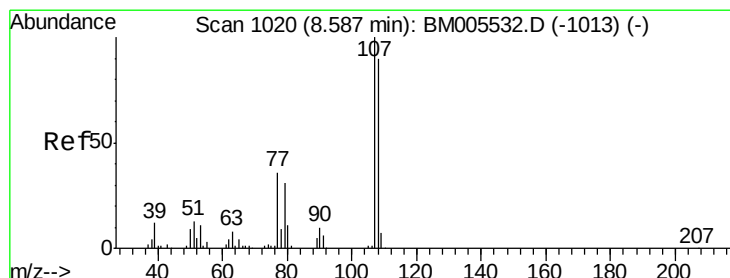
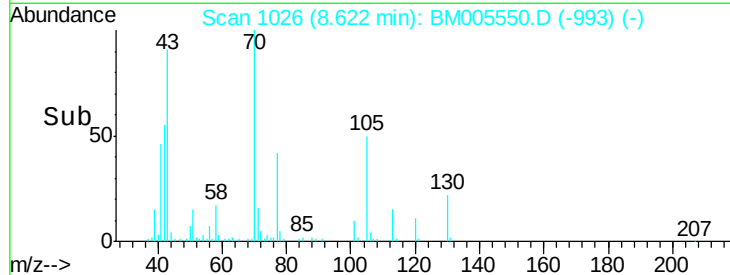
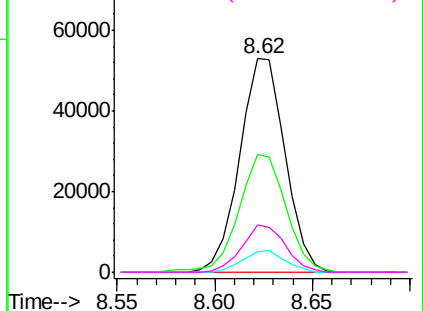
#15
N-Nitroso-di-n-propylamine
Concen: 20.23 ng/ul
RT: 8.62 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BM005550.D
Acq: 21 May 2016 14:52

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:	70	Resp:	85302
Ion	Ratio	Lower	Upper
70	100		
42	55.0	46.1	69.1
101	9.6	8.0	12.0
130	21.9	16.8	25.2

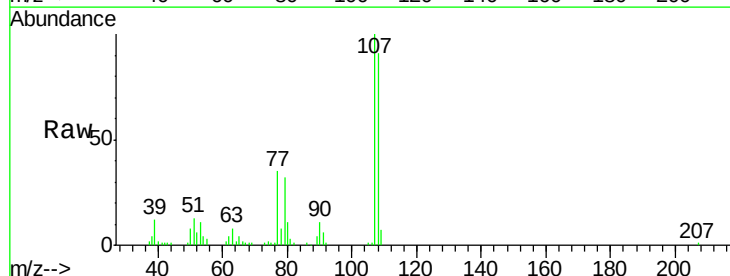


Abundance Ion 70.00 (69.70 to 70.70): BM005550.D (-993) (-)
Ion 42.00 (41.70 to 42.70): BM005550.D (-993) (-)
Ion 101.00 (100.70 to 101.70): BM005550.D (-993) (-)
Ion 130.00 (129.70 to 130.70): BM005550.D (-993) (-)

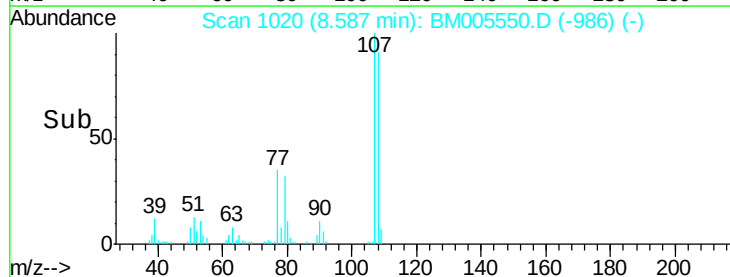
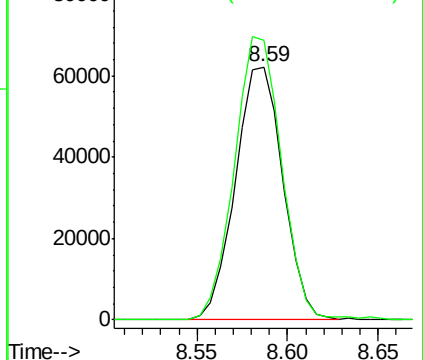


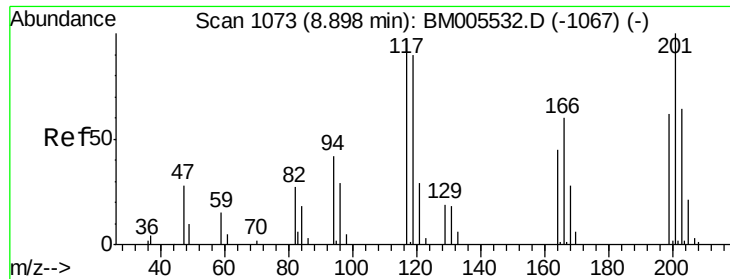
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4-Methylphenol
Concen: 20.65 ng/ul
RT: 8.59 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BM005550.D
Acq: 21 May 2016 14:52

Tgt Ion:	108	Resp:	113283
Ion	Ratio	Lower	Upper
108	100		
107	110.3	90.3	135.5



Abundance Ion 108.00 (107.70 to 108.70): BM005550.D (-986) (-)
Ion 107.00 (106.70 to 107.70): BM005550.D (-986) (-)

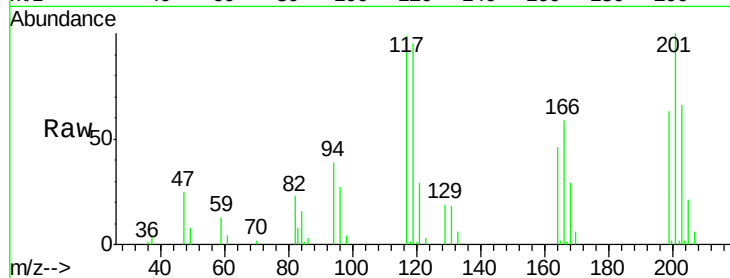




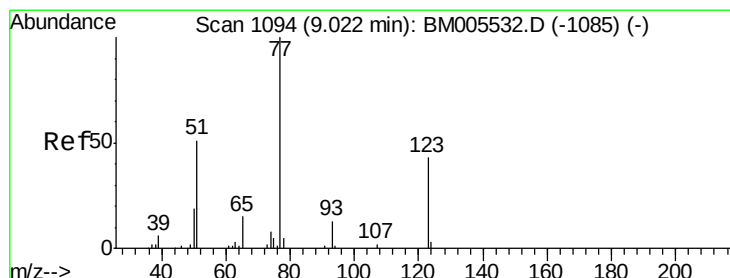
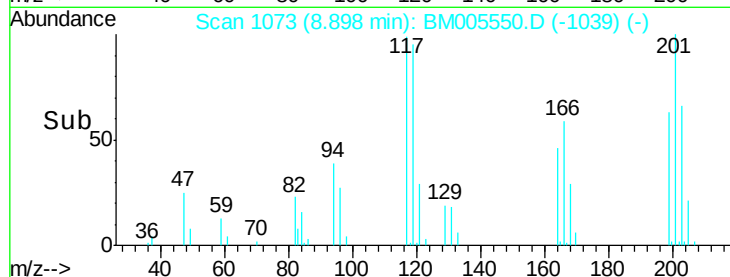
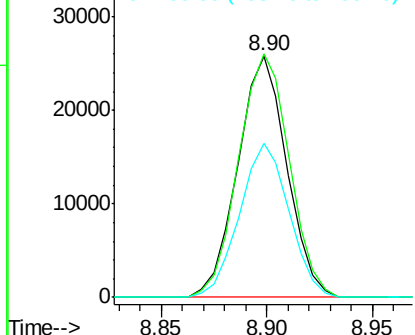
#17
Hexachloroethane
Concen: 19.15 ng/ul
RT: 8.90 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BM005550.D
Acq: 21 May 2016 14:52

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion: 117 Resp: 41521
Ion Ratio Lower Upper
117 100
201 101.0 84.8 127.2
199 63.9 50.5 75.7

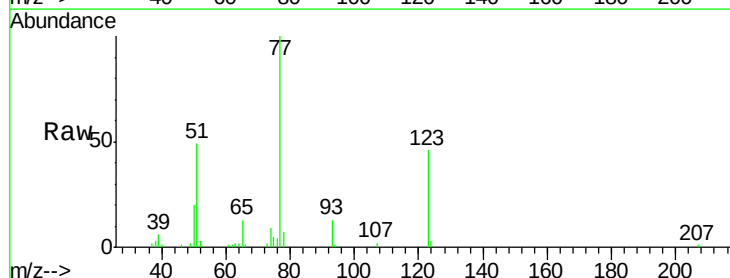


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

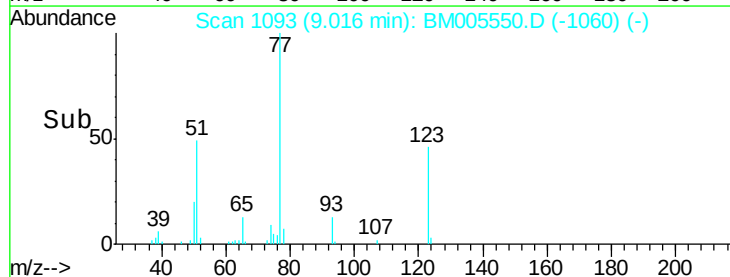
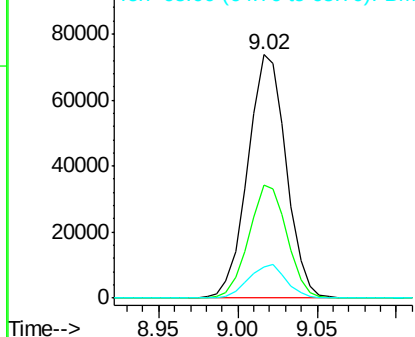


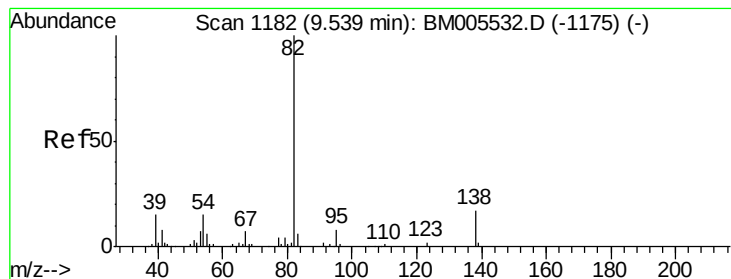
#20
Nitrobenzene
Concen: 19.22 ng/ul
RT: 9.02 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BM005550.D
Acq: 21 May 2016 14:52

Tgt Ion: 77 Resp: 124305
Ion Ratio Lower Upper
77 100
123 46.5 35.3 52.9
65 13.0 11.2 16.8



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: 19.55 ng/ul

RT: 9.54 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

Instrument :

BNA_M

ClientSampleId :

SSTD02058

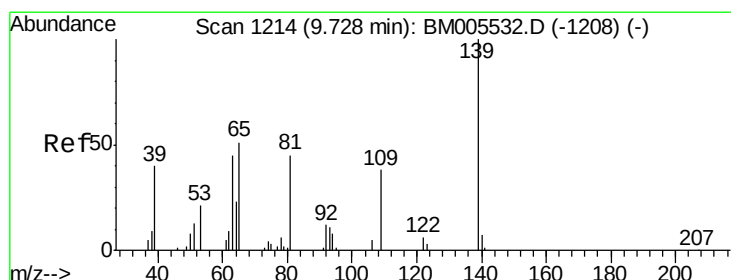
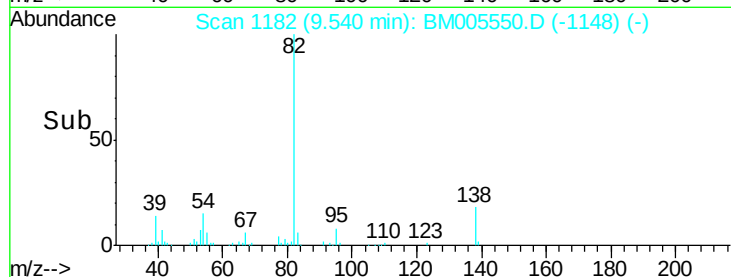
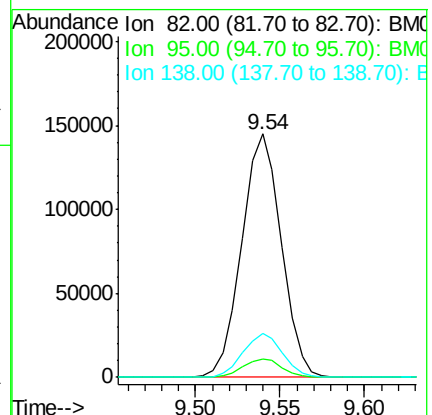
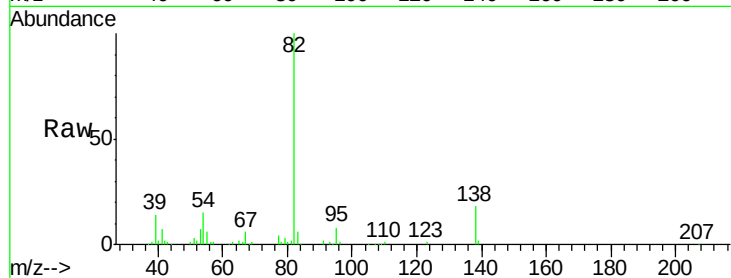
Tgt Ion: 82 Resp: 236351

Ion Ratio Lower Upper

82 100

95 7.6 6.4 9.6

138 18.0 13.8 20.6



#23

2-Nitrophenol

Concen: 19.23 ng/ul

RT: 9.73 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

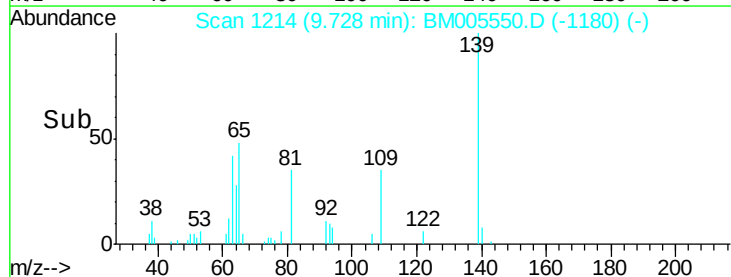
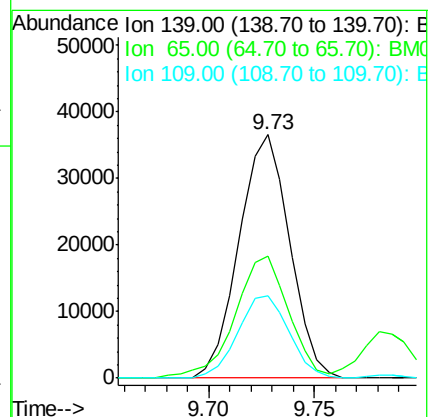
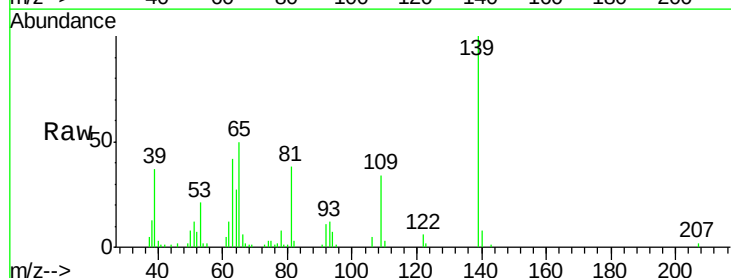
Tgt Ion: 139 Resp: 60759

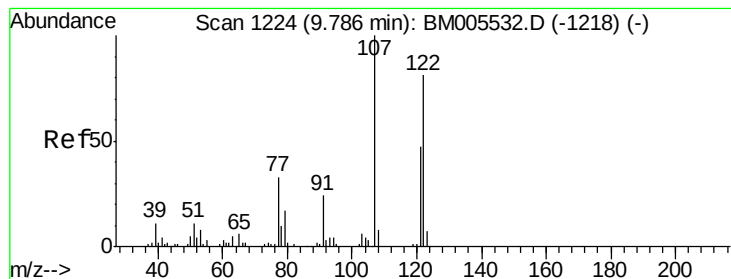
Ion Ratio Lower Upper

139 100

65 50.3 45.2 67.8

109 33.6 30.8 46.2





#24

2,4-Dimethylphenol

Concen: 19.50 ng/ul

RT: 9.79 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

Instrument :

BNA_M

ClientSampleId :

SSTD02058

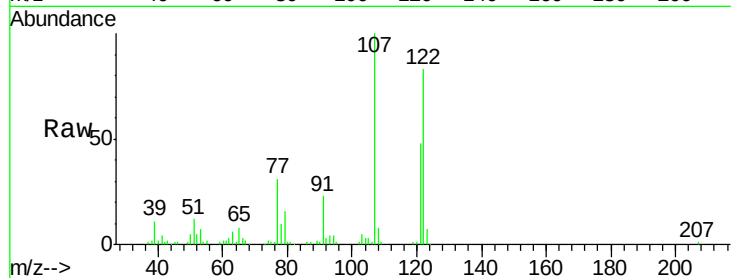
Tgt Ion: 107 Resp: 127331

Ion Ratio Lower Upper

107 100

121 48.2 37.5 56.3

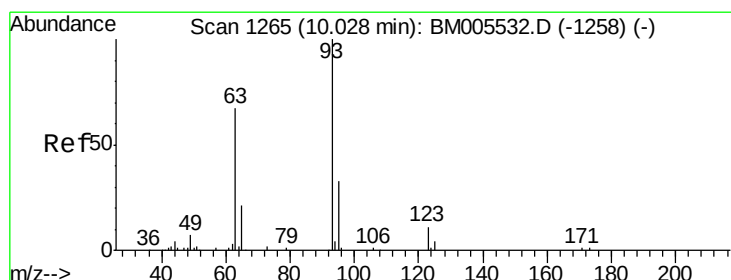
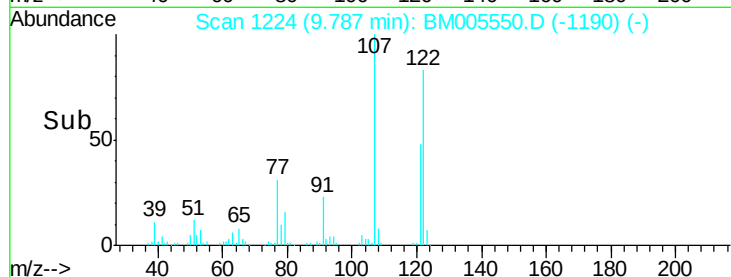
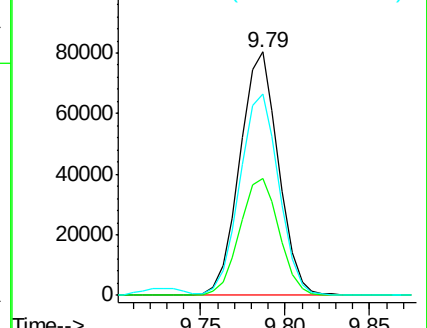
122 82.8 66.9 100.3



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: 19.99 ng/ul

RT: 10.02 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

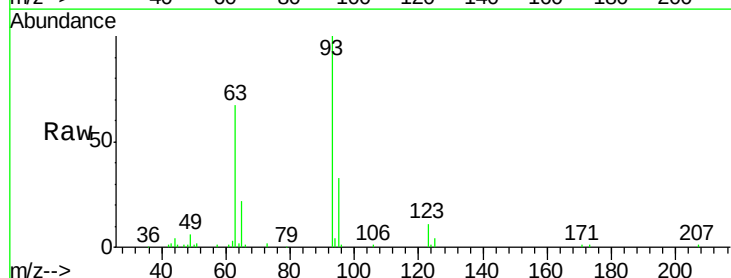
Tgt Ion: 93 Resp: 142330

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

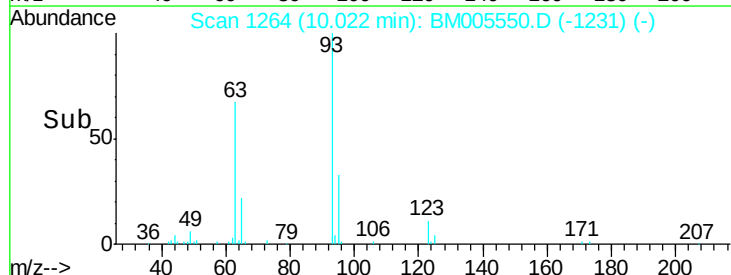
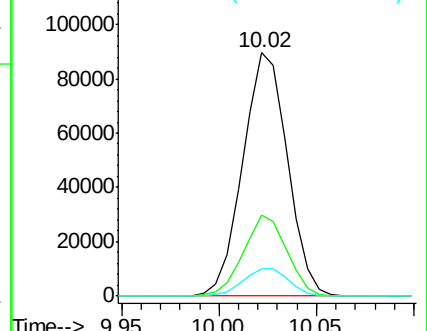
123 11.2 9.5 14.3

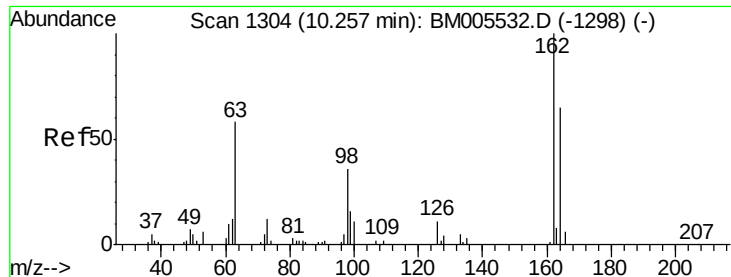


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

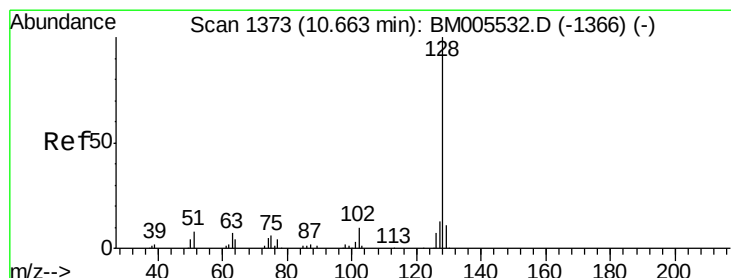
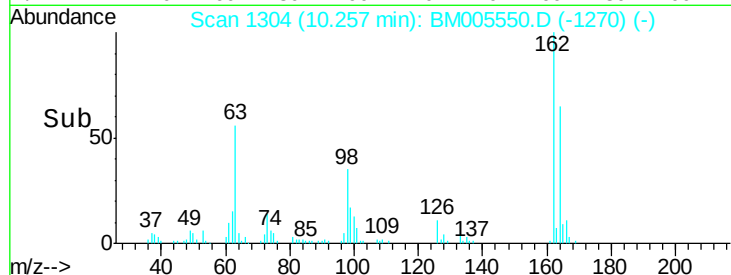
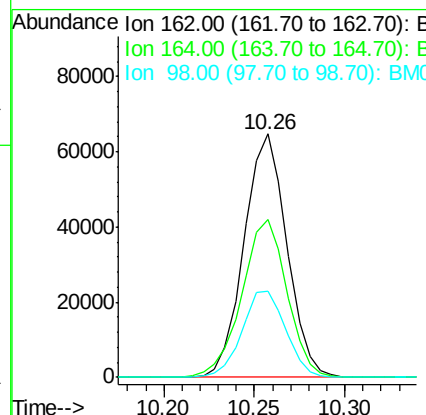
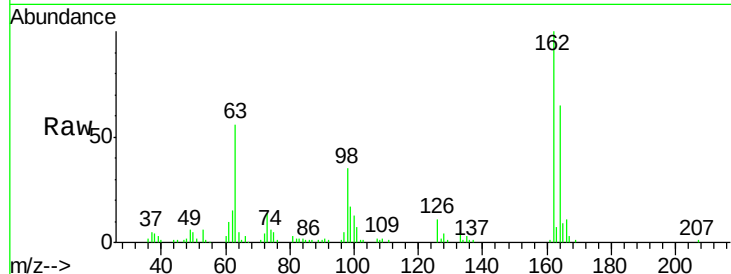




#27
 2,4-Dichlorophenol
 Concen: 19.49 ng/ul
 RT: 10.26 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BM005550.D
 Acq: 21 May 2016 14:52

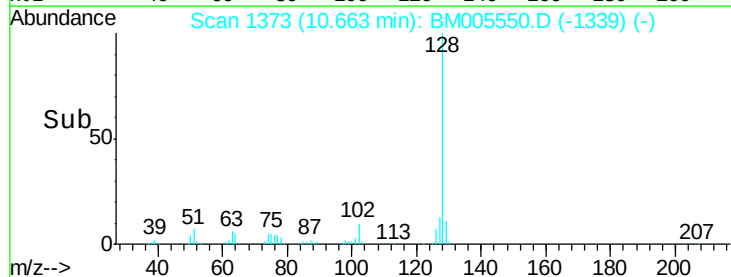
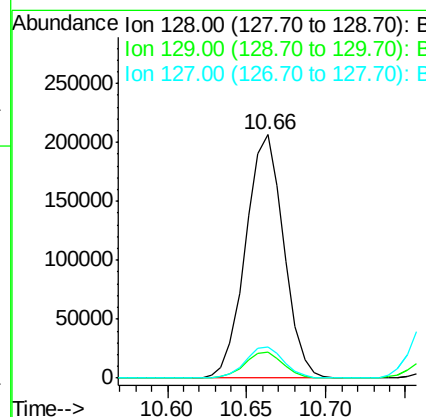
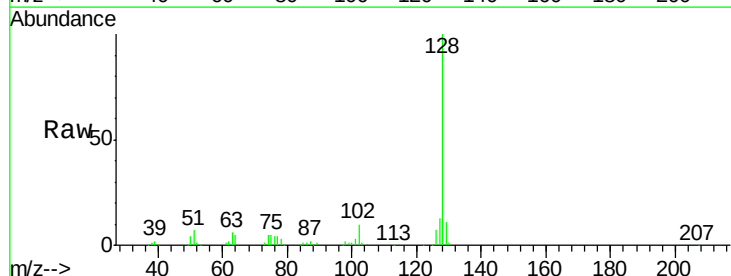
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02058

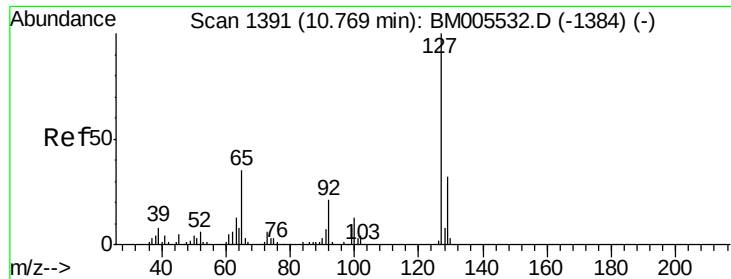
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	50.9	76.3
98	35.4	27.7	41.5



#28
 Naphthalene
 Concen: 19.67 ng/ul
 RT: 10.66 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BM005550.D
 Acq: 21 May 2016 14:52

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	12.7	10.6	15.8

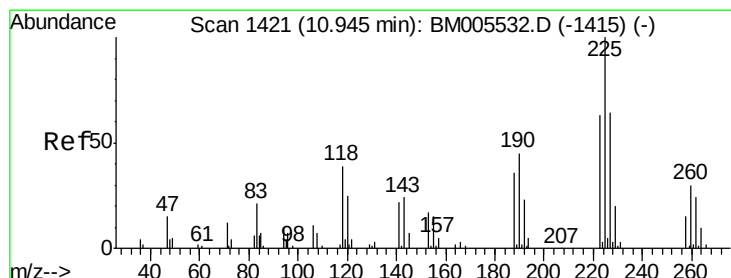
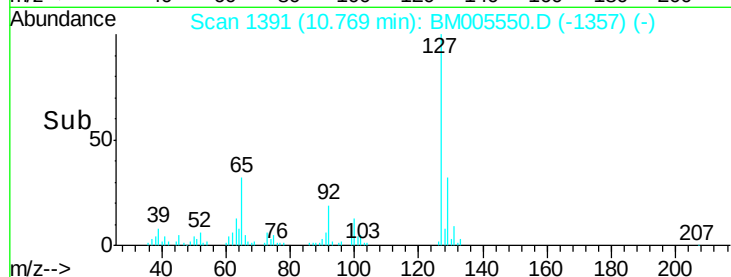
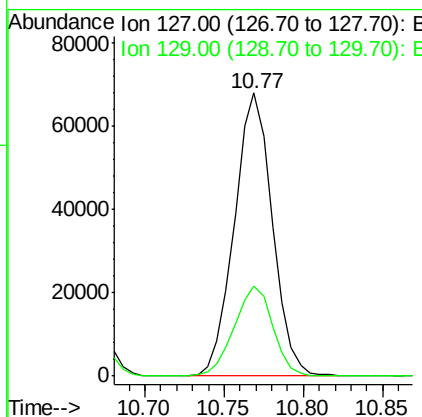
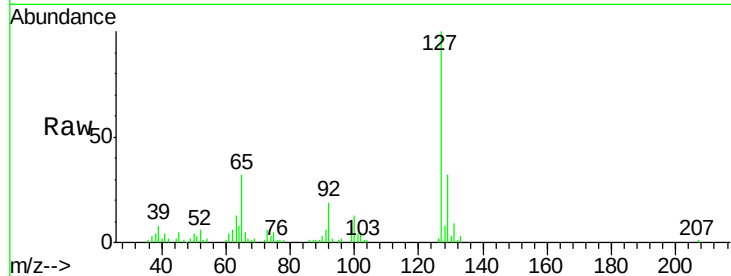




#30
4-Chloroaniline
Concen: 19.91 ng/ul
RT: 10.77 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BM005550.D
Acq: 21 May 2016 14:52

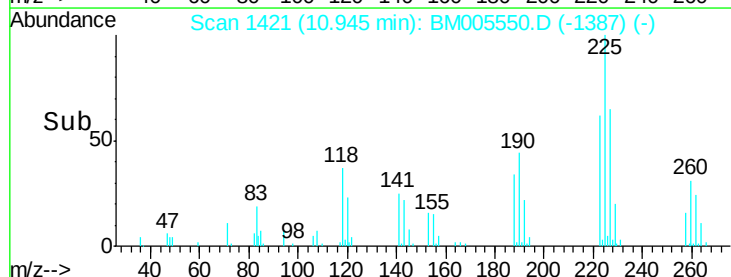
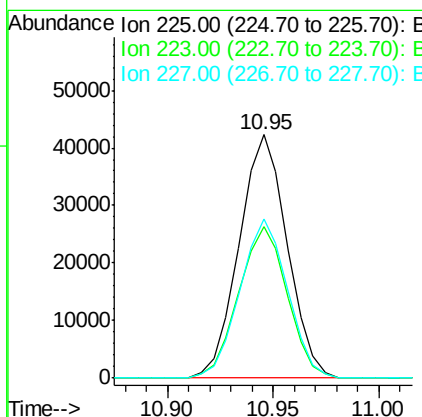
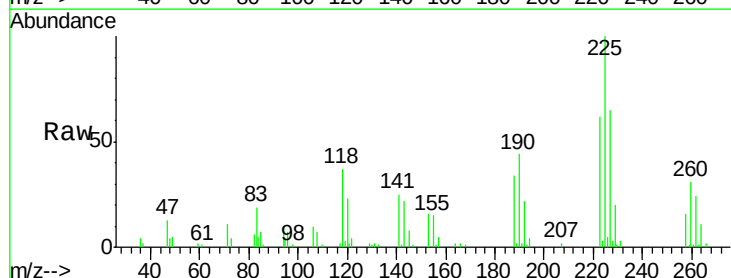
Instrument :
BNA_M
ClientSampleId :
SSTD02058

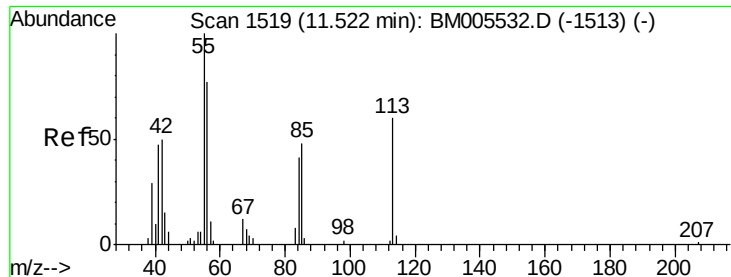
Tgt Ion:127 Resp: 113056
Ion Ratio Lower Upper
127 100
129 31.8 26.9 40.3



#31
Hexachlorobutadiene
Concen: 18.32 ng/ul
RT: 10.95 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BM005550.D
Acq: 21 May 2016 14:52

Tgt Ion:225 Resp: 66777
Ion Ratio Lower Upper
225 100
223 62.4 51.0 76.6
227 65.5 51.4 77.0





#32

Caprolactam

Concen: 19.15 ng/ul

RT: 11.52 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

Instrument :

BNA_M

ClientSampleId :

SSTD02058

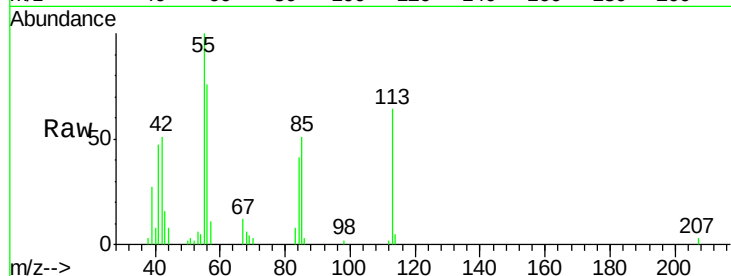
Tgt Ion:113 Resp: 34872

Ion Ratio Lower Upper

113 100

55 156.1 124.6 187.0

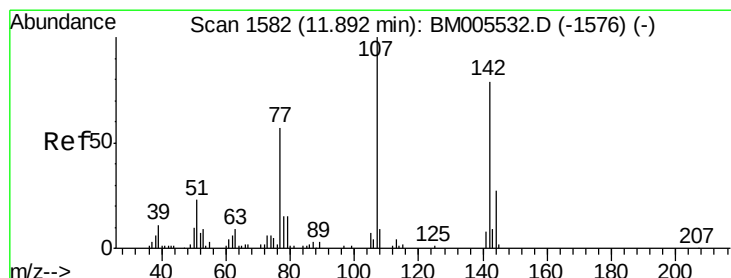
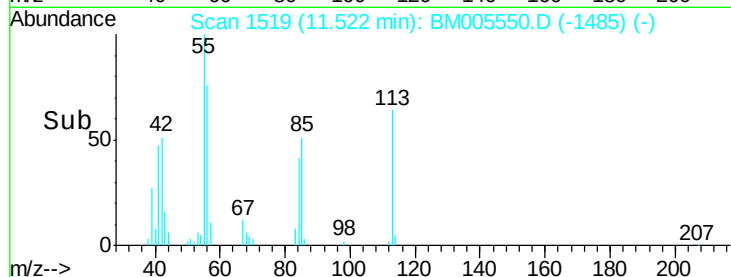
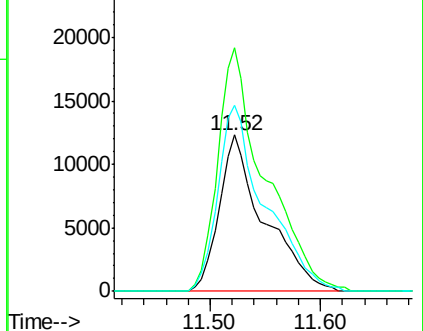
56 119.2 95.2 142.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 19.64 ng/ul

RT: 11.89 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

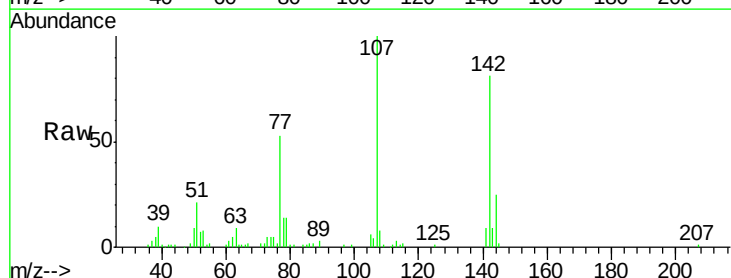
Tgt Ion:107 Resp: 117401

Ion Ratio Lower Upper

107 100

144 25.3 20.6 31.0

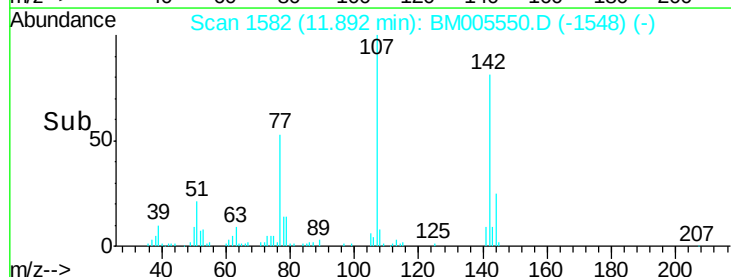
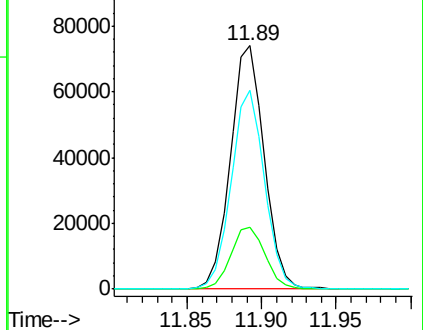
142 81.4 63.5 95.3

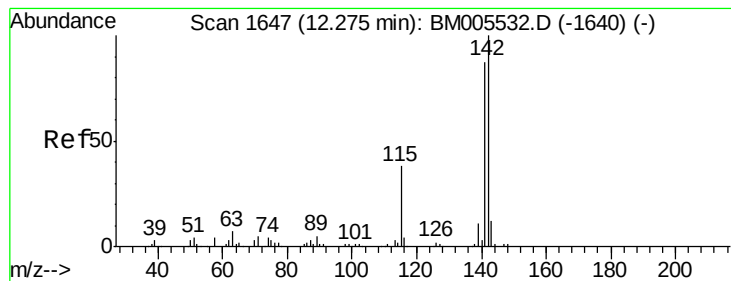


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.84 ng/ul

RT: 12.27 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

Instrument :

BNA_M

ClientSampleId :

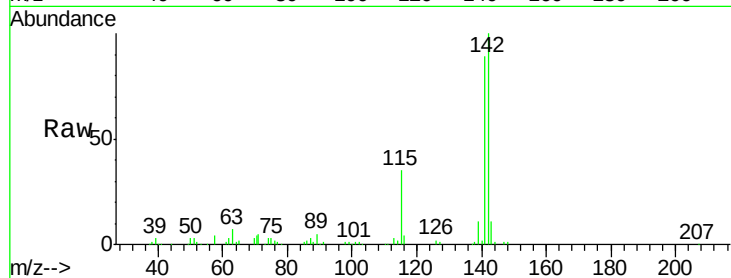
SSTD02058

Tgt Ion:142 Resp: 254595

Ion Ratio Lower Upper

142 100

141 88.5 70.6 106.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

150000

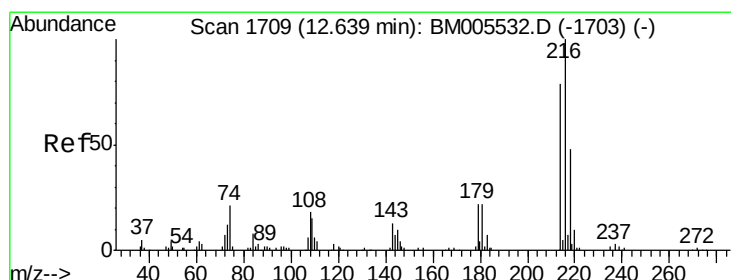
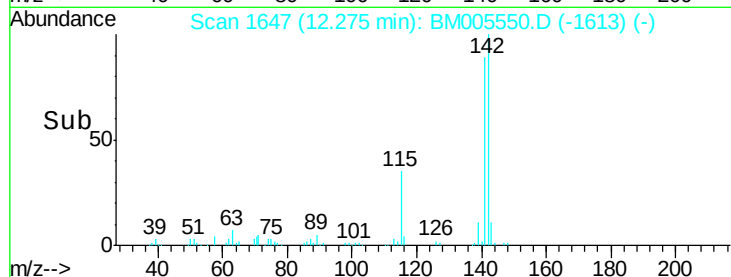
100000

50000

0

12.20 12.25 12.30

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.06 ng/ul

RT: 12.64 min Scan# 1709

Delta R.T. 0.00 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

Tgt Ion:216 Resp: 132527

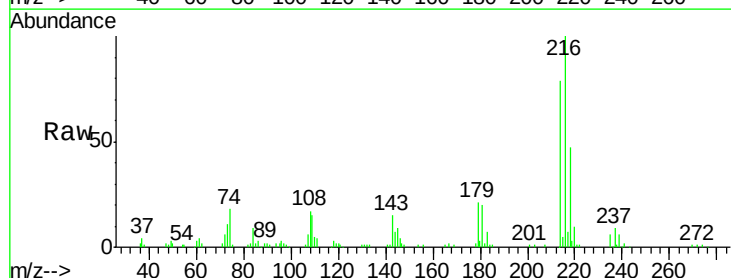
Ion Ratio Lower Upper

216 100

214 78.9 62.3 93.5

179 20.8 17.4 26.0

108 17.1 13.4 20.0



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

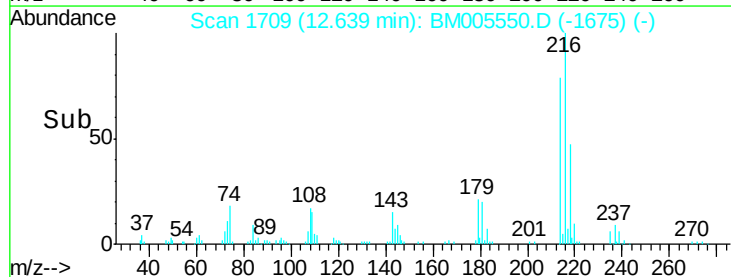
100000

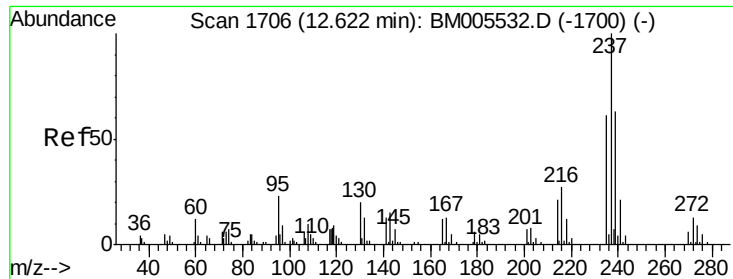
50000

0

12.60 12.65 12.70

Time-->





#37

Hexachlorocyclopentadiene

Concen: 17.06 ng/ul

RT: 12.62 min Scan# 1706

Delta R.T. 0.00 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

Instrument :

BNA_M

ClientSampleId :

SSTD02058

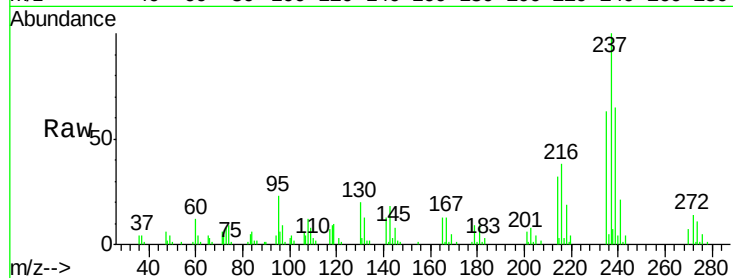
Tgt Ion:237 Resp: 74528

Ion Ratio Lower Upper

237 100

235 63.1 53.3 79.9

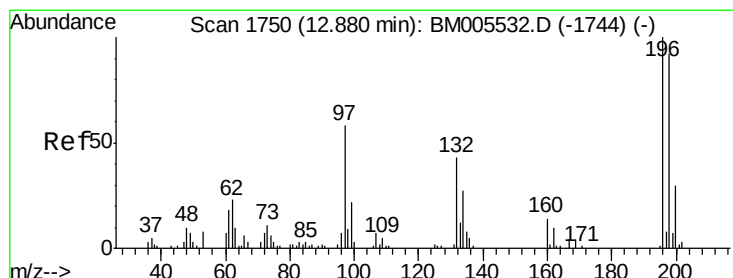
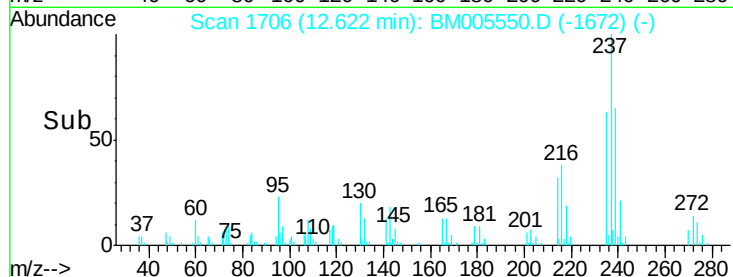
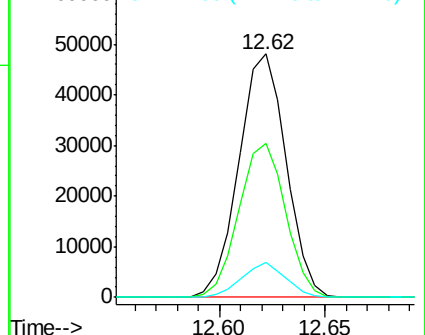
272 14.1 10.6 15.8



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: 19.22 ng/ul

RT: 12.88 min Scan# 1750

Delta R.T. 0.00 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

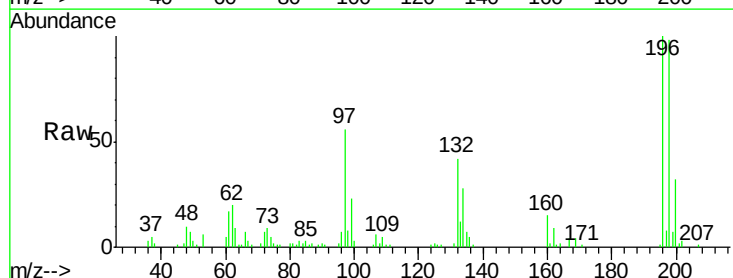
Tgt Ion:196 Resp: 87123

Ion Ratio Lower Upper

196 100

198 98.3 75.0 112.4

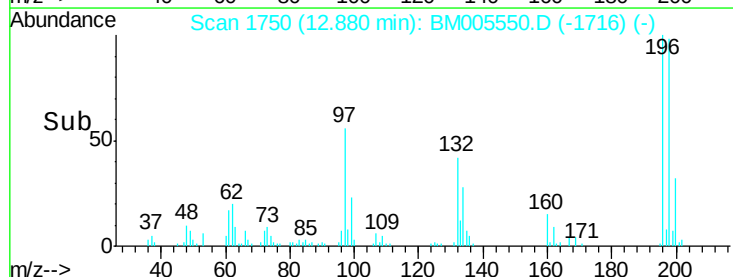
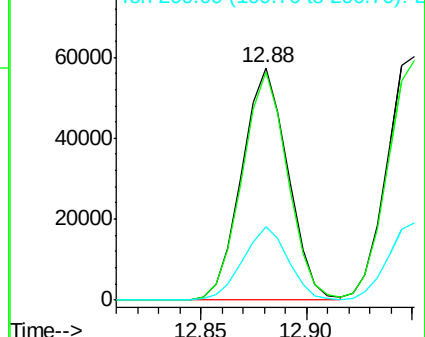
200 31.7 25.2 37.8

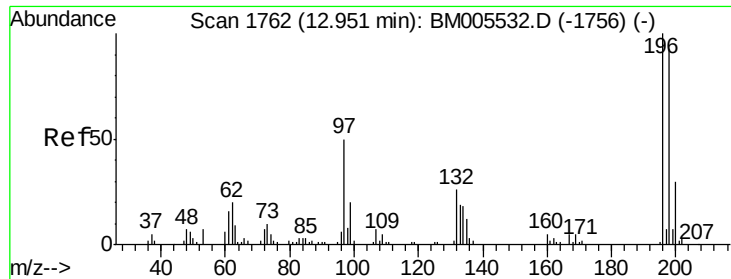


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

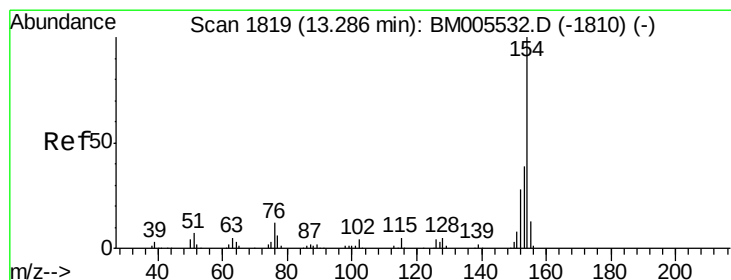
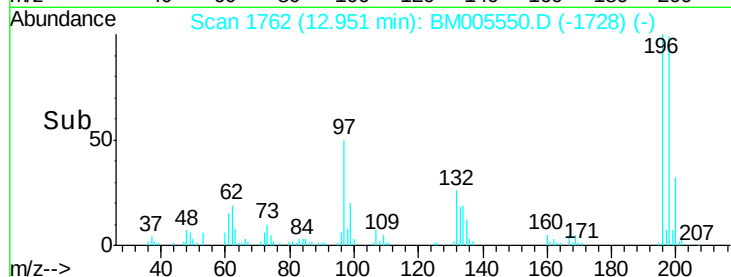
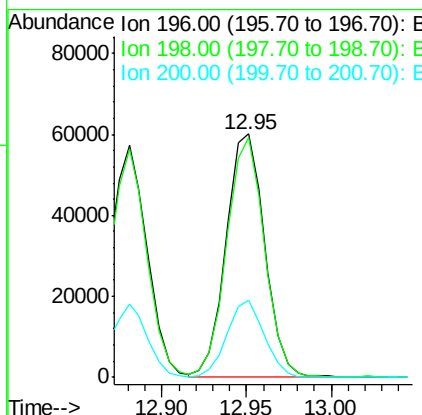
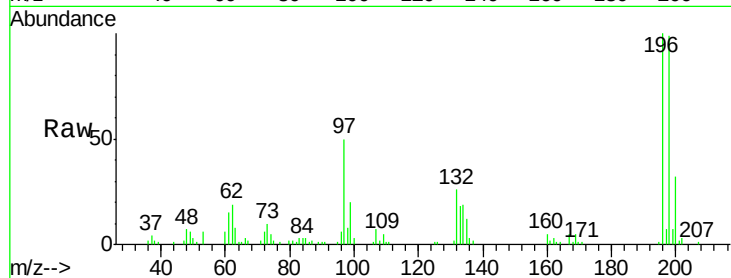




#39
 2,4,5-Trichlorophenol
 Concen: 19.20 ng/ul
 RT: 12.95 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BM005550.D
 Acq: 21 May 2016 14:52

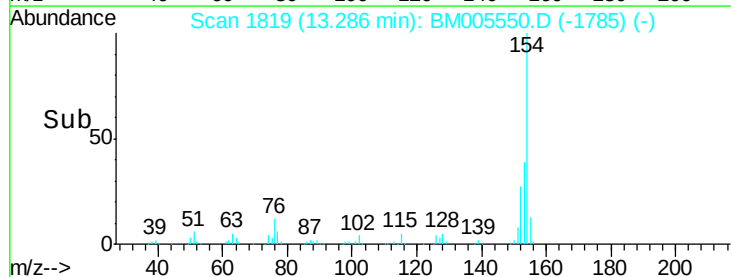
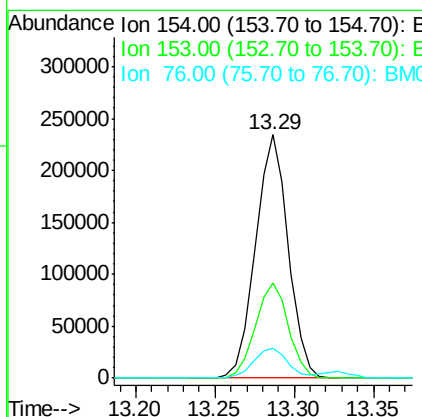
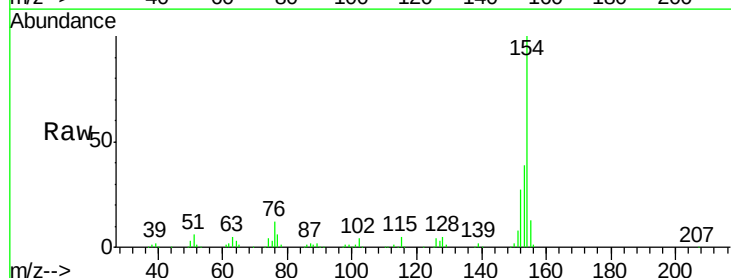
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02058

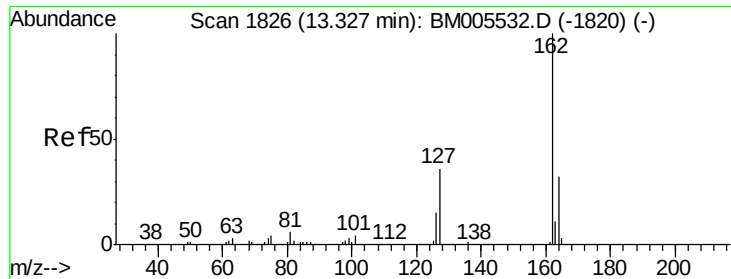
Tgt Ion:196 Resp: 95827
 Ion Ratio Lower Upper
 196 100
 198 98.6 75.0 112.4
 200 31.7 23.5 35.3



#40
 1,1'-Biphenyl
 Concen: 19.63 ng/ul
 RT: 13.29 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BM005550.D
 Acq: 21 May 2016 14:52

Tgt Ion:154 Resp: 335417
 Ion Ratio Lower Upper
 154 100
 153 39.2 31.7 47.5
 76 12.5 10.1 15.1

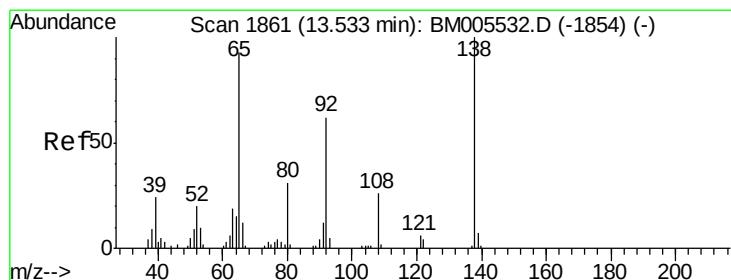
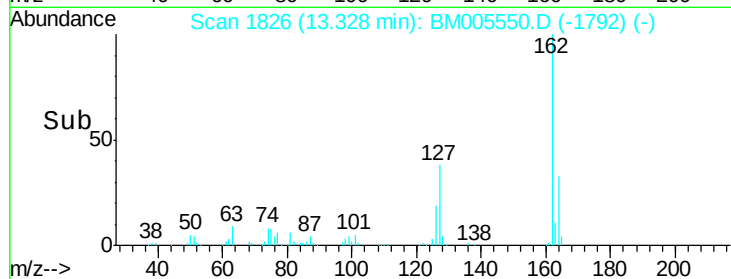
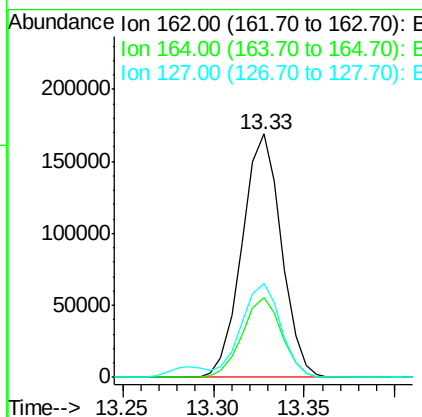
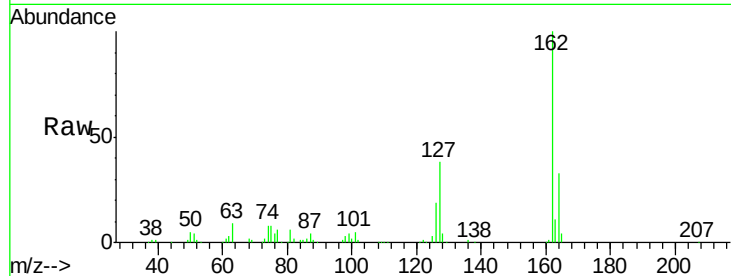




#41
 2-Chloronaphthalene
 Concen: 19.37 ng/ul
 RT: 13.33 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BM005550.D
 Acq: 21 May 2016 14:52

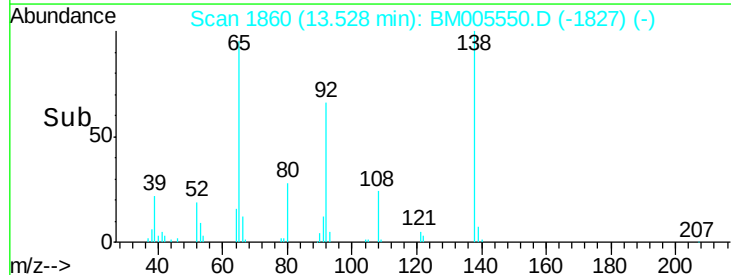
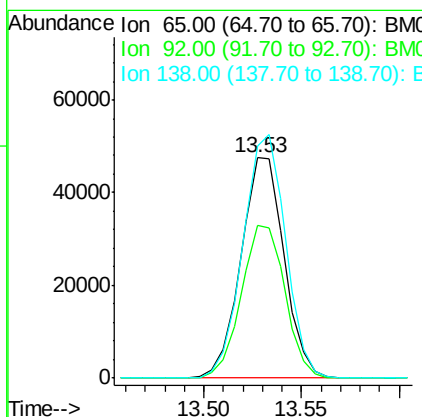
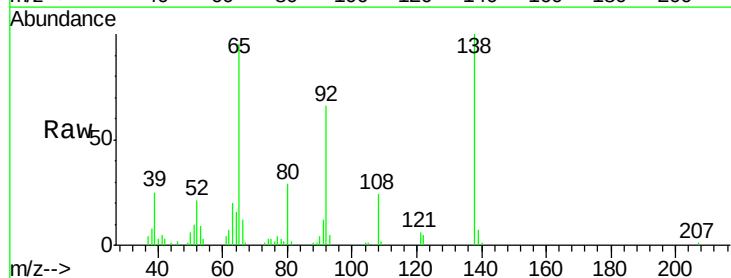
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02058

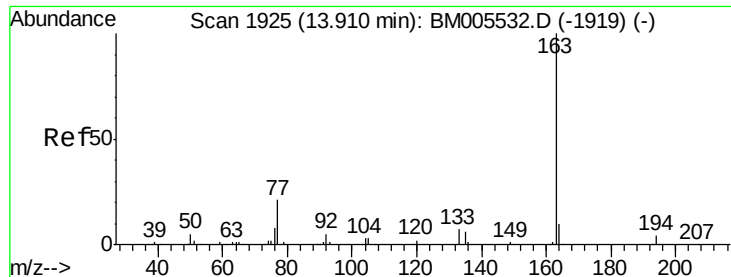
Tgt Ion: 162 Resp: 255120
 Ion Ratio Lower Upper
 162 100
 164 32.8 25.9 38.9
 127 38.4 32.0 48.0



#42
 2-Nitroaniline
 Concen: 18.42 ng/ul
 RT: 13.53 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BM005550.D
 Acq: 21 May 2016 14:52

Tgt Ion: 65 Resp: 72983
 Ion Ratio Lower Upper
 65 100
 92 69.5 53.6 80.4
 138 105.2 82.6 124.0

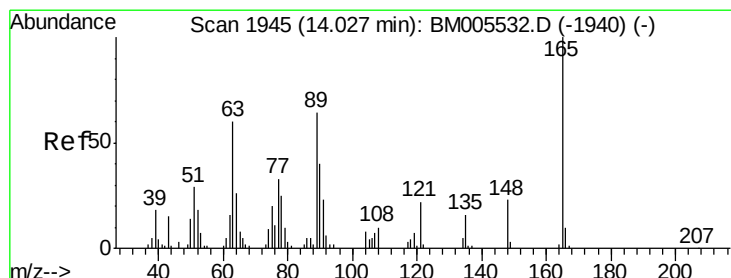
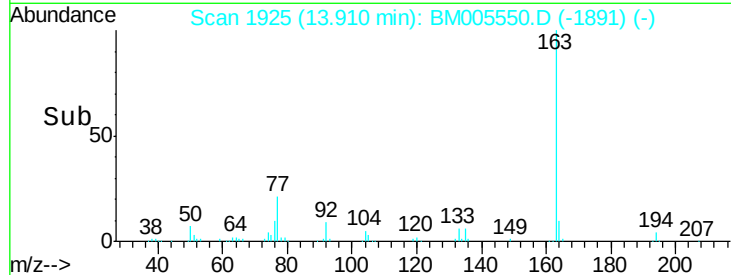
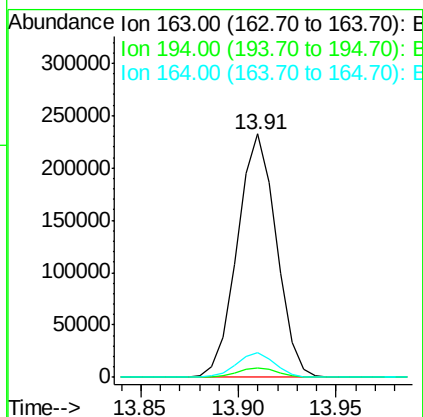
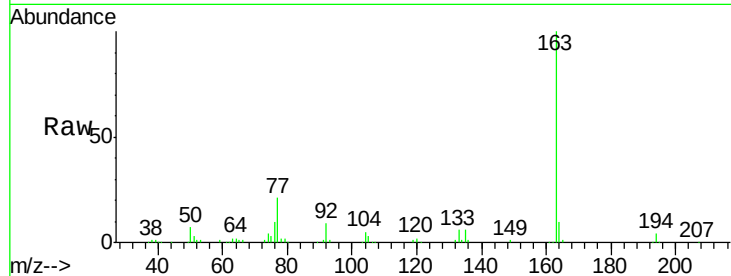




#44
 Dimethylphthalate
 Concen: 19.65 ng/ul
 RT: 13.91 min Scan# 1925
 Delta R.T. 0.00 min
 Lab File: BM005550.D
 Acq: 21 May 2016 14:52

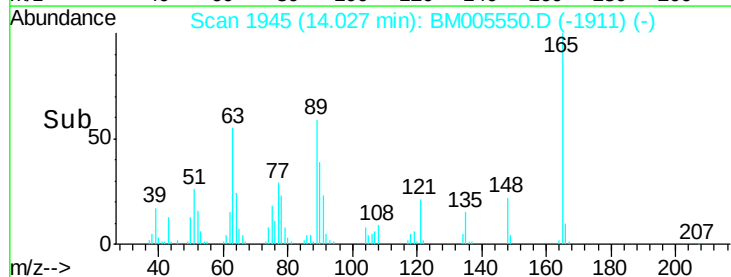
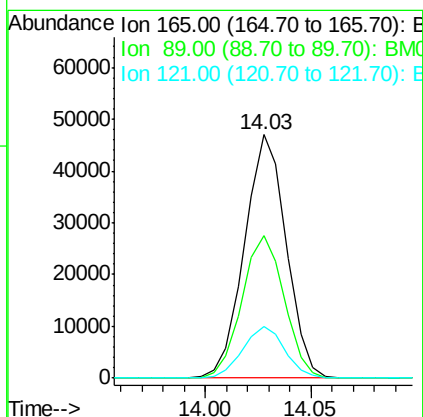
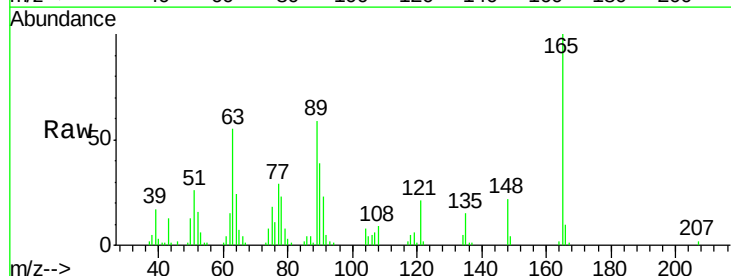
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02058

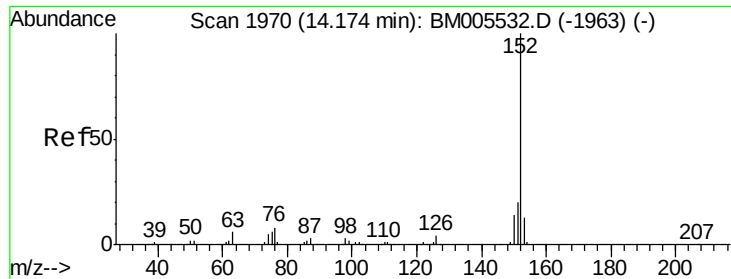
Tgt Ion:163 Resp: 322678
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.4 5.0
 164 9.9 8.0 12.0



#45
 2,6-Dinitrotoluene
 Concen: 19.45 ng/ul
 RT: 14.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: BM005550.D
 Acq: 21 May 2016 14:52

Tgt Ion:165 Resp: 64553
 Ion Ratio Lower Upper
 165 100
 89 58.6 48.2 72.2
 121 21.4 17.4 26.0





#47

Acenaphthylene

Concen: 19.69 ng/ul

RT: 14.17 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

Instrument :

BNA_M

ClientSampleId :

SSTD02058

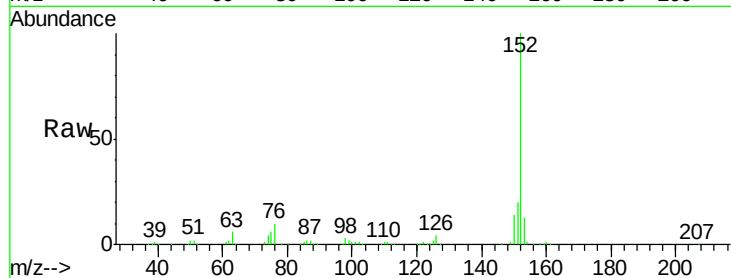
Tgt Ion:152 Resp: 415529

Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

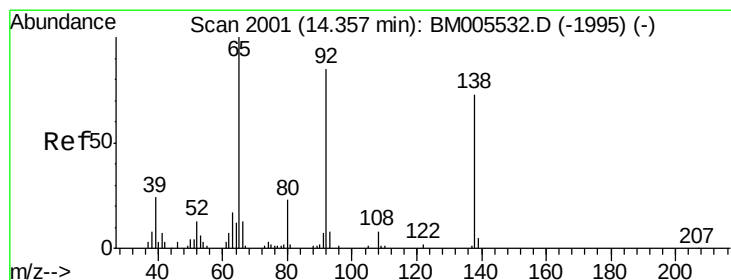
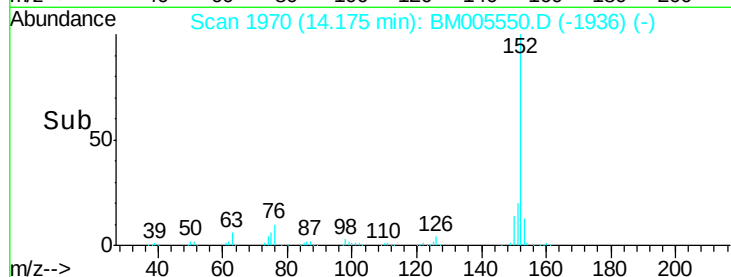
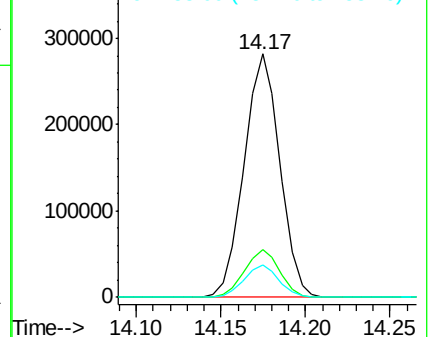
153 13.1 10.5 15.7



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: 18.77 ng/ul

RT: 14.36 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

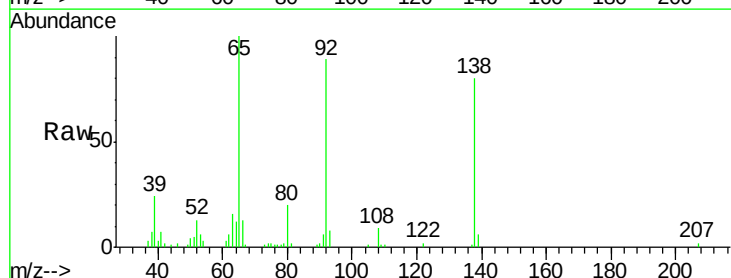
Tgt Ion:138 Resp: 57728

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

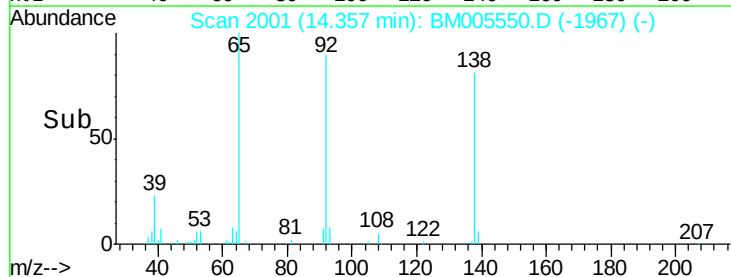
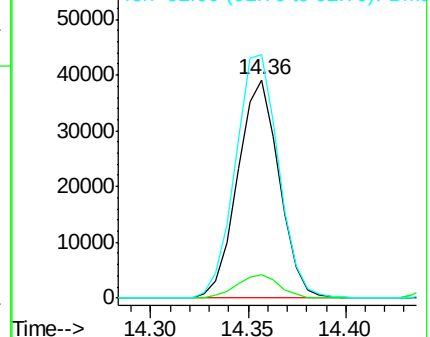
92 111.5 92.8 139.2

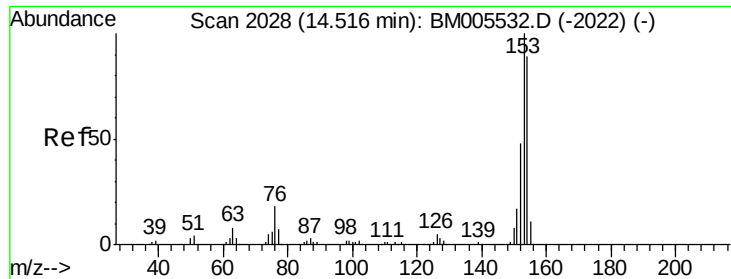


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.54 ng/ul

RT: 14.52 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

Instrument :

BNA_M

ClientSampleId :

SSTD02058

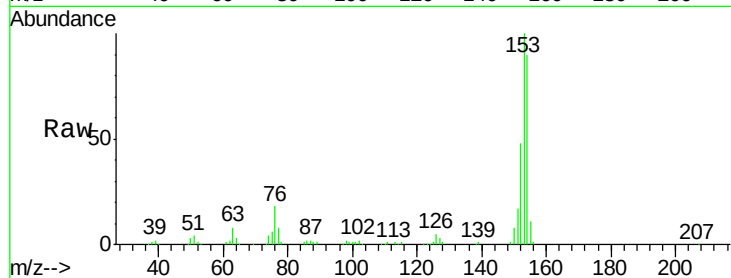
Tgt Ion:153 Resp: 271889

Ion Ratio Lower Upper

153 100

152 48.0 37.8 56.6

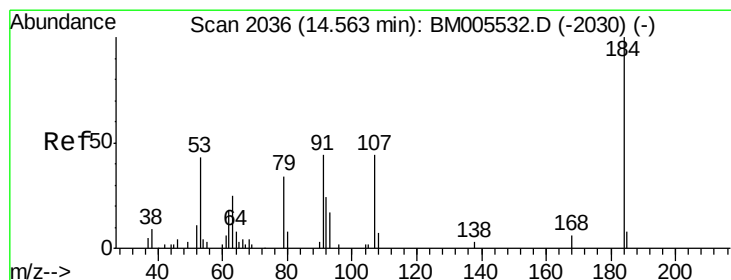
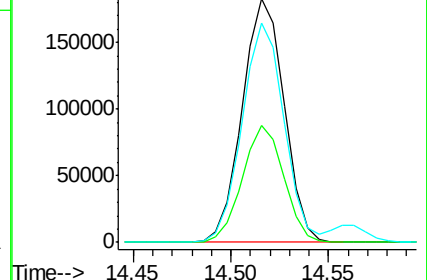
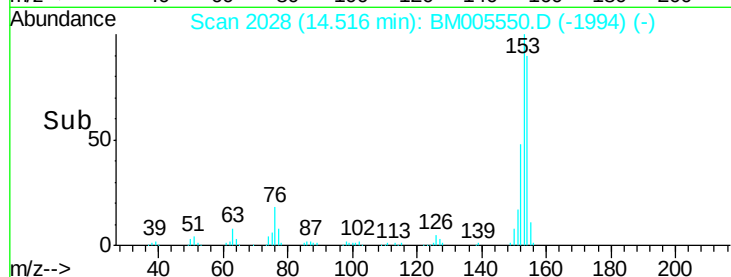
154 90.1 71.1 106.7



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: 15.61 ng/ul

RT: 14.56 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

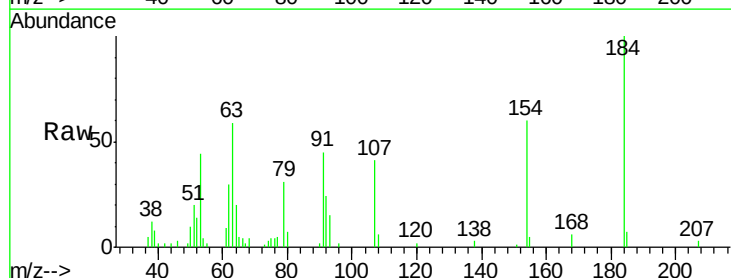
Tgt Ion:184 Resp: 29013

Ion Ratio Lower Upper

184 100

63 58.9 51.1 76.7

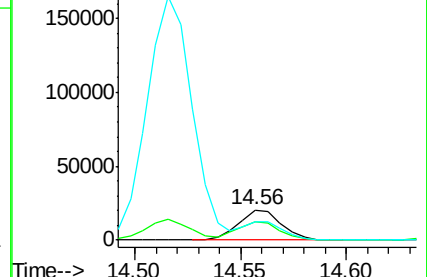
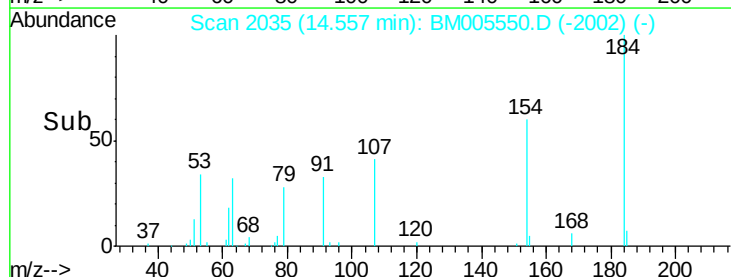
154 60.3 59.3 88.9

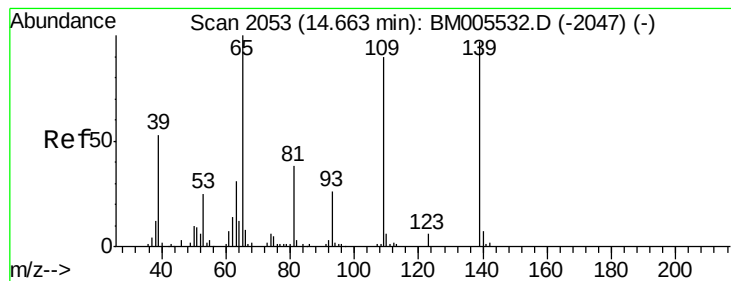


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 17.21 ng/ul

RT: 14.66 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BM005550.D

Acq: 21 May 2016 14:52

Instrument :

BNA_M

ClientSampleId :

SSTD02058

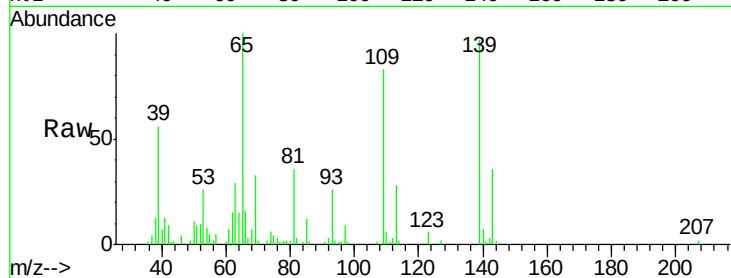
Tgt Ion:109 Resp: 54348

Ion Ratio Lower Upper

109 100

139 117.4 87.5 131.3

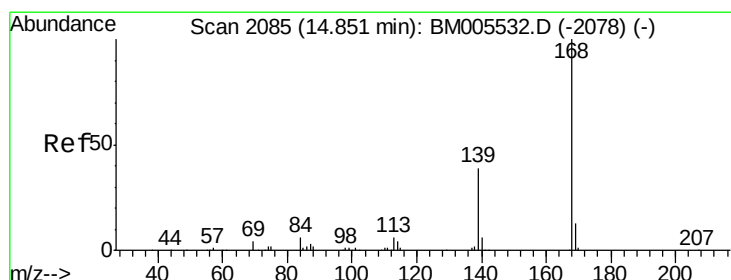
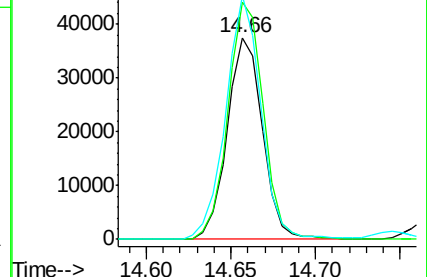
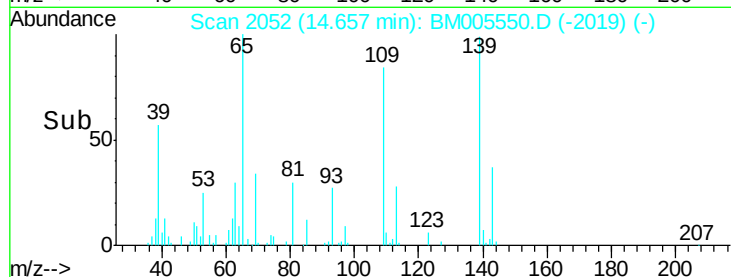
65 120.8 90.2 135.2



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



#53

Dibenzofuran

Concen: 19.56 ng/ul

RT: 14.85 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BM005550.D

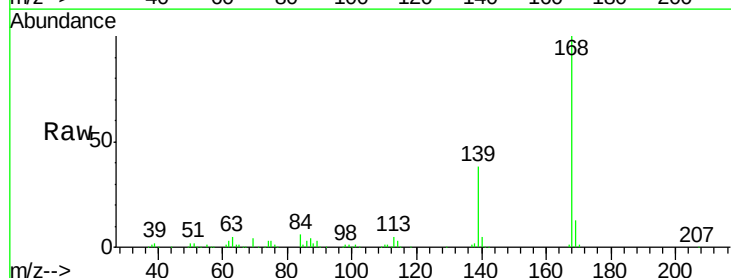
Acq: 21 May 2016 14:52

Tgt Ion:168 Resp: 388652

Ion Ratio Lower Upper

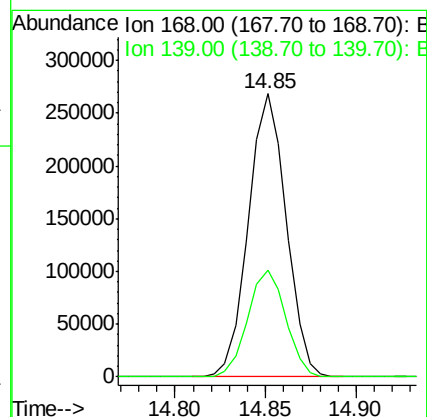
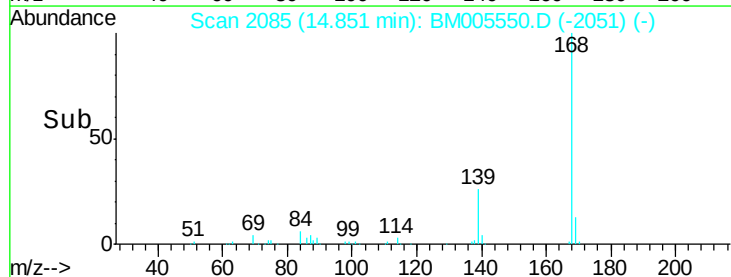
168 100

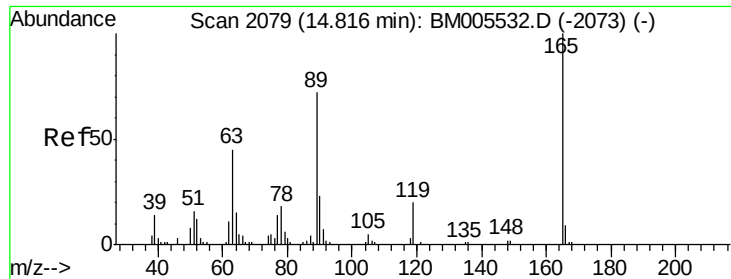
139 37.6 30.6 46.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

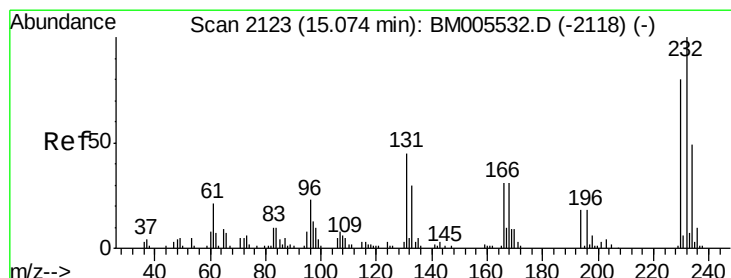
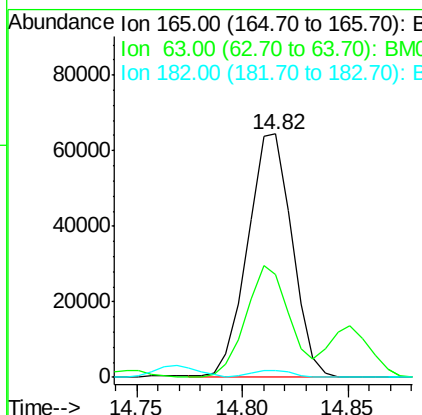
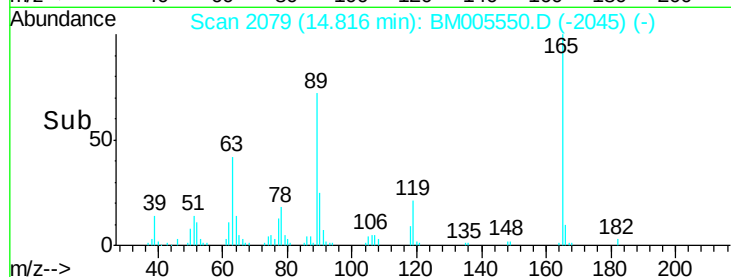
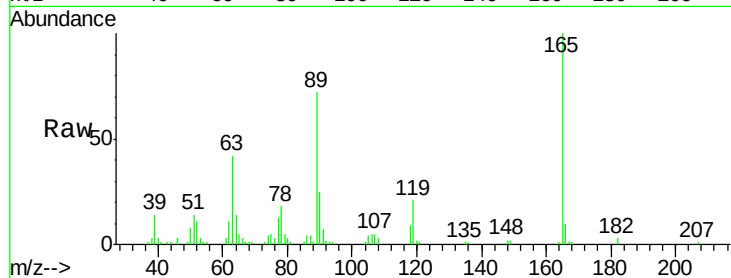




#54
 2,4-Dinitrotoluene
 Concen: 19.46 ng/ul
 RT: 14.82 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: BM005550.D
 Acq: 21 May 2016 14:52

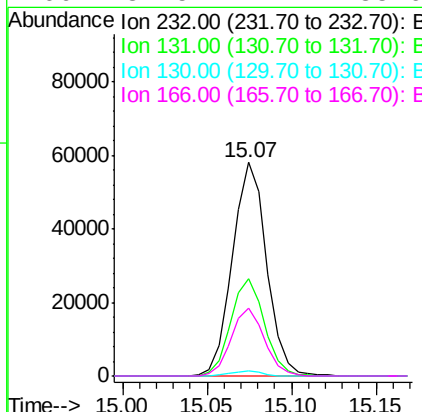
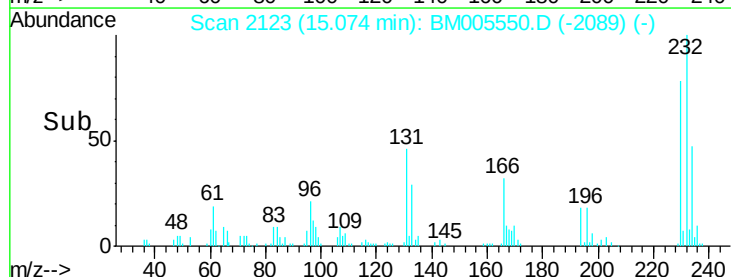
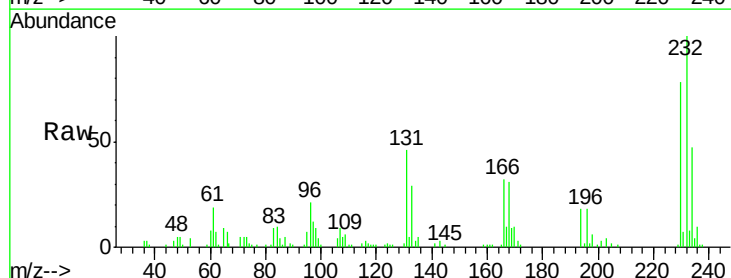
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02058

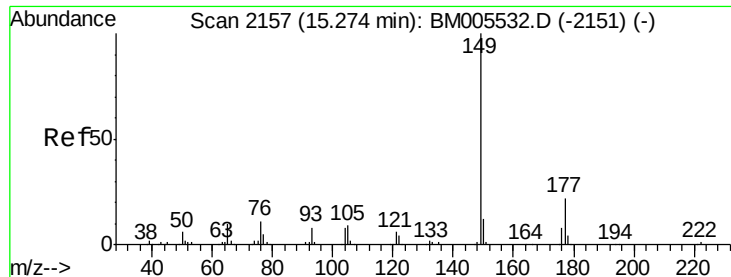
Tgt Ion:	165	Resp:	94257
Ion Ratio	Lower	Upper	
165	100		
63	42.3	33.9	50.9
182	3.0	2.3	3.5



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 18.73 ng/ul
 RT: 15.07 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BM005550.D
 Acq: 21 May 2016 14:52

Tgt Ion:	232	Resp:	81683
Ion Ratio	Lower	Upper	
232	100		
131	45.7	34.1	51.1
130	2.5	1.8	2.8
166	31.5	22.4	33.6

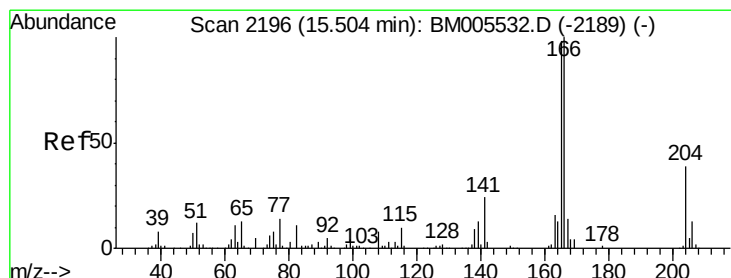
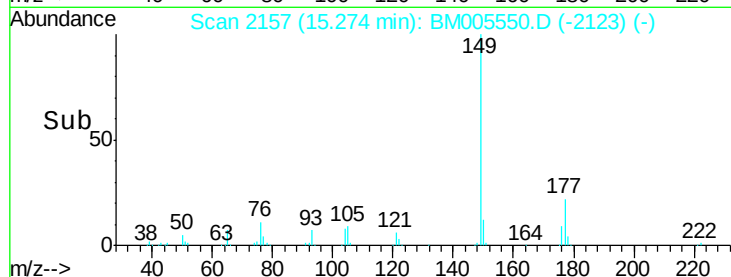
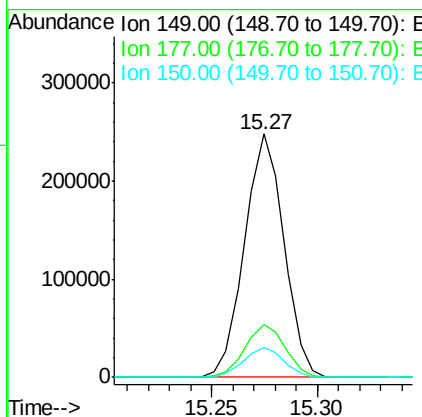
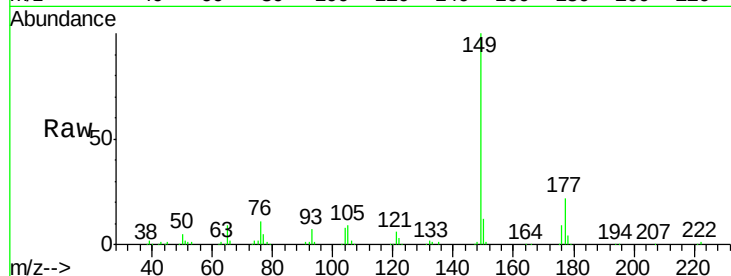




#56
Diethylphthalate
Concen: 19.21 ng/ul
RT: 15.27 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BM005550.D
Acq: 21 May 2016 14:52

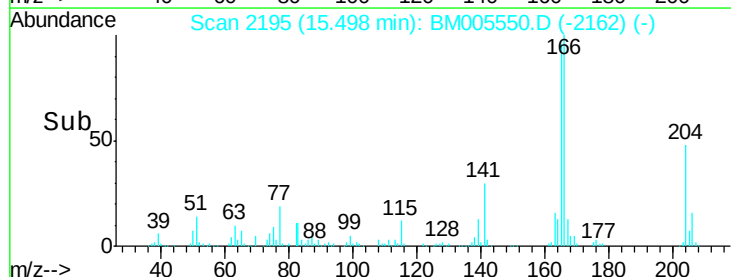
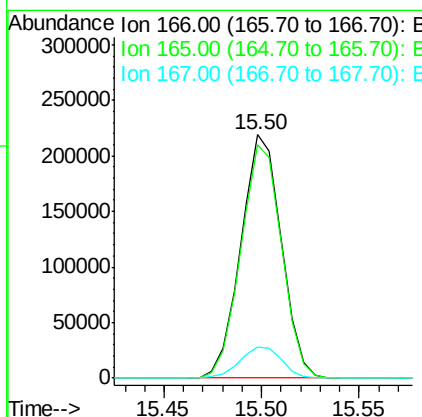
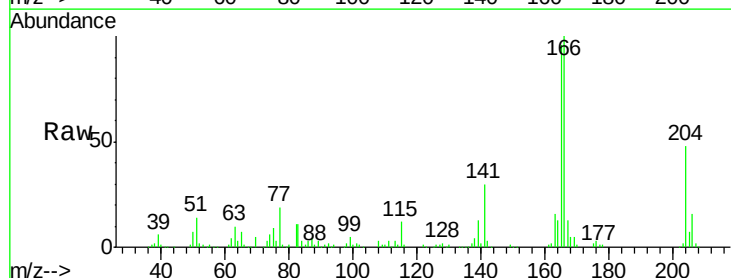
Instrument :
BNA_M
ClientSampleId :
SSTD02058

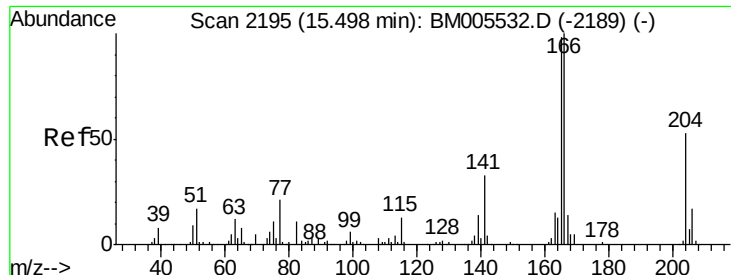
Tgt Ion:149 Resp: 321730
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.8
150 12.2 10.2 15.2



#58
Fluorene
Concen: 19.72 ng/ul
RT: 15.50 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BM005550.D
Acq: 21 May 2016 14:52

Tgt Ion:166 Resp: 313598
Ion Ratio Lower Upper
166 100
165 96.0 78.0 117.0
167 12.9 10.5 15.7

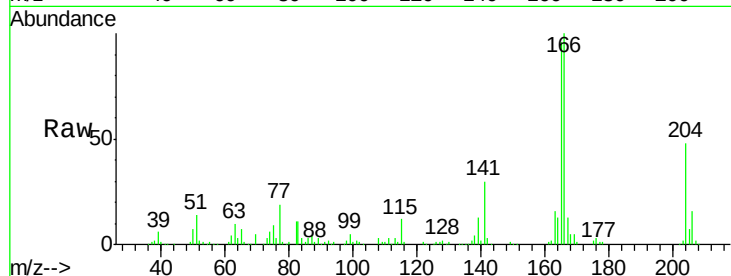




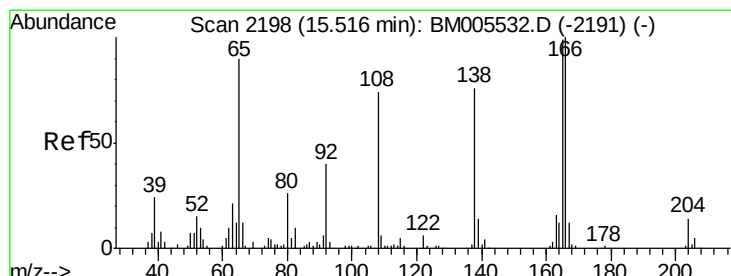
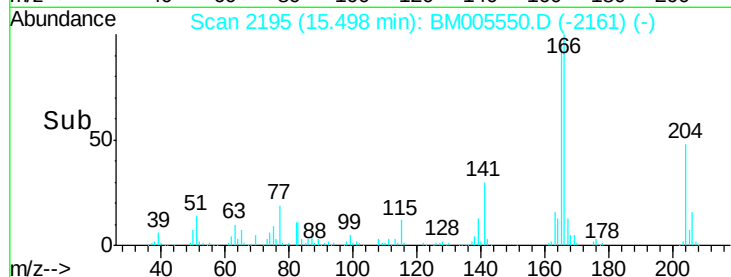
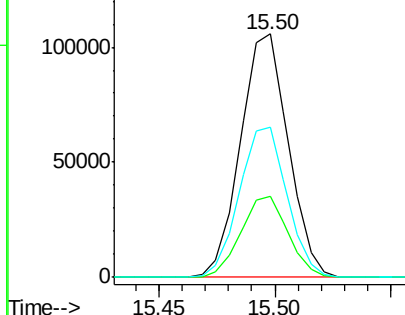
#59
 4-Chlorophenyl-phenylether
 Concen: 19.20 ng/ul
 RT: 15.50 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: BM005550.D
 Acq: 21 May 2016 14:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02058

Tgt Ion: 204 Resp: 152608
 Ion Ratio Lower Upper
 204 100
 206 33.4 25.3 37.9
 141 61.7 50.5 75.7

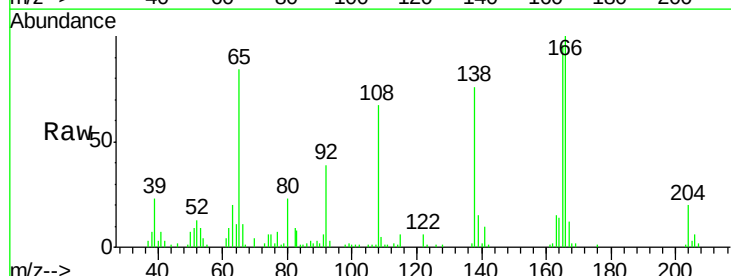


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

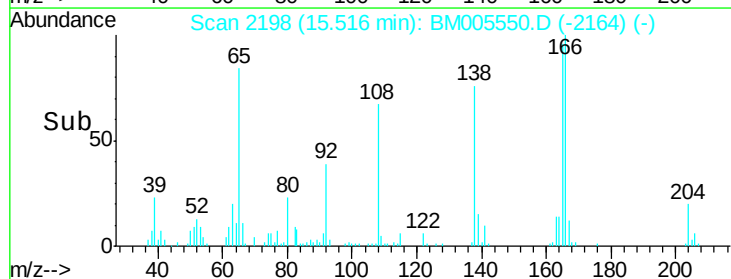
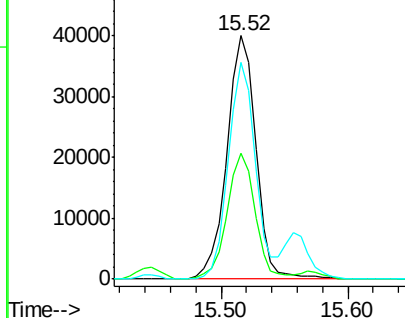


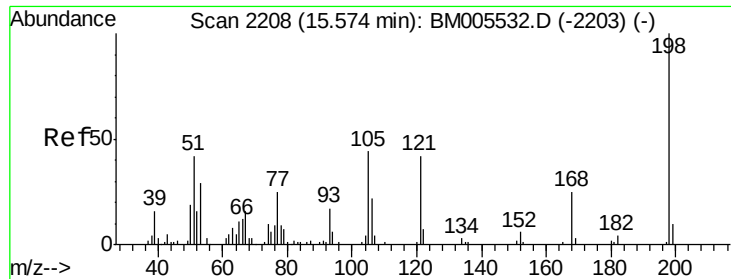
#60
 4-Nitroaniline
 Concen: 16.90 ng/ul
 RT: 15.52 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: BM005550.D
 Acq: 21 May 2016 14:52

Tgt Ion: 138 Resp: 63393
 Ion Ratio Lower Upper
 138 100
 92 51.5 41.4 62.0
 108 88.9 79.4 119.0



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

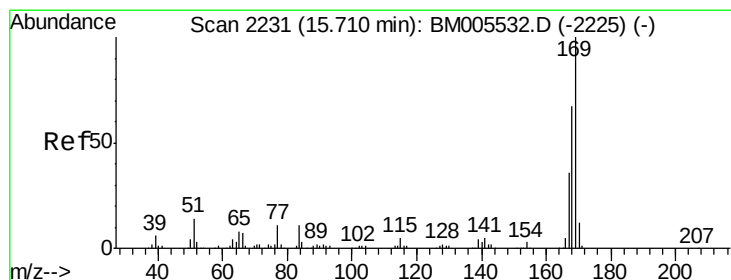
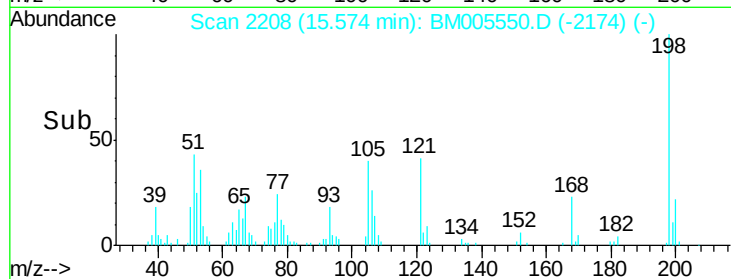
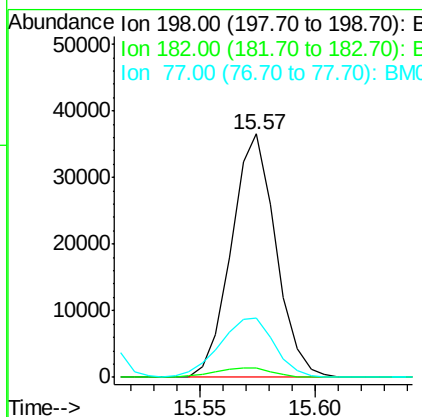
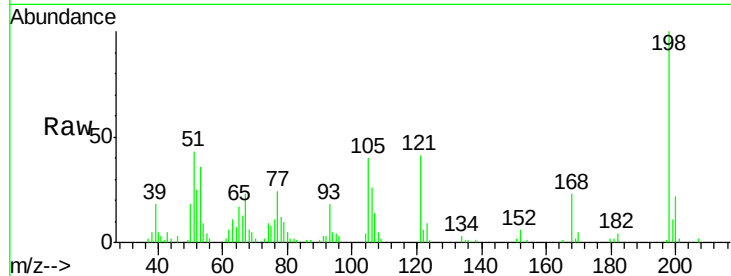




#63
 4,6-Dinitro-2-methylphenol
 Concen: 17.88 ng/ul
 RT: 15.57 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BM005550.D
 Acq: 21 May 2016 14:52

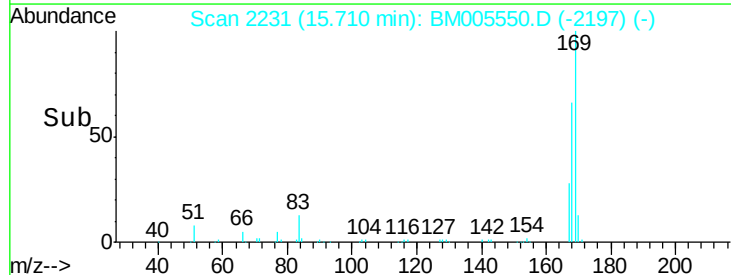
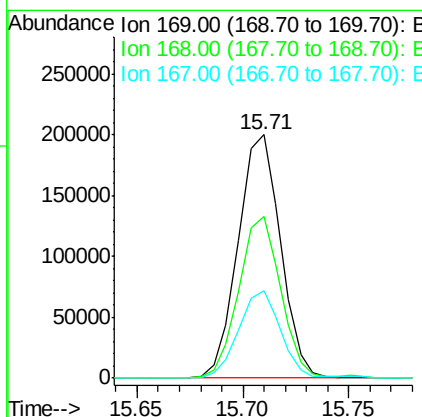
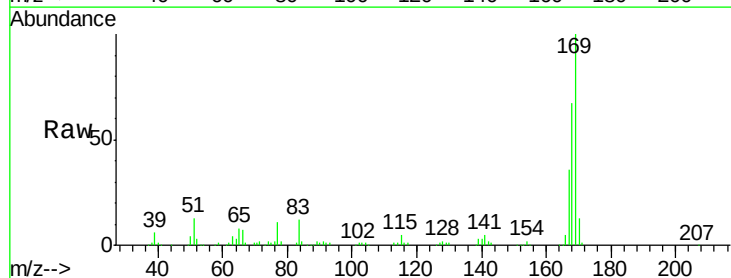
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02058

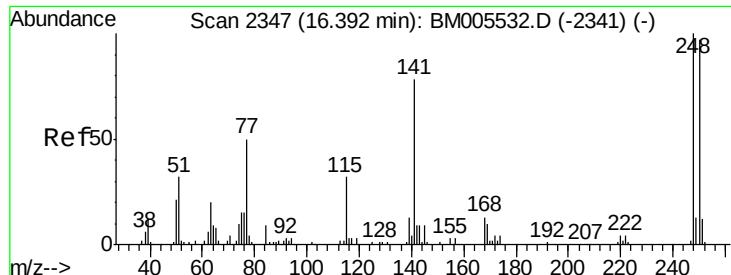
Tgt Ion:198 Resp: 48932
 Ion Ratio Lower Upper
 198 100
 182 3.8 2.5 3.7#
 77 24.2 21.8 32.8



#64
 N-Nitrosodiphenylamine
 Concen: 20.28 ng/ul
 RT: 15.71 min Scan# 2231
 Delta R.T. 0.00 min
 Lab File: BM005550.D
 Acq: 21 May 2016 14:52

Tgt Ion:169 Resp: 278693
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.2 79.8
 167 36.1 28.9 43.3

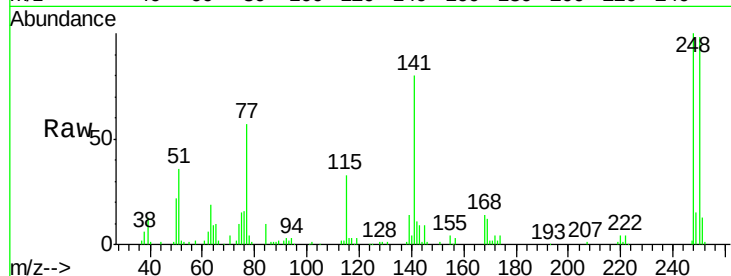




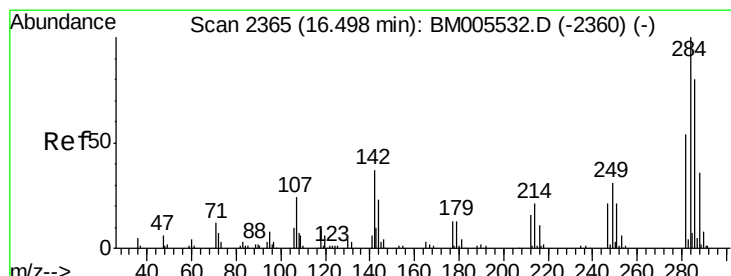
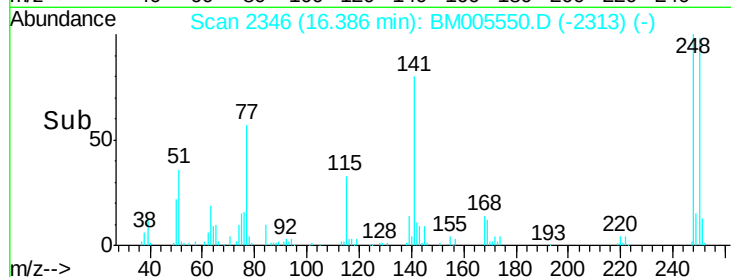
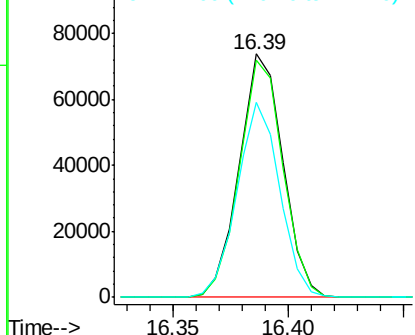
#65
4-Bromophenyl-phenylether
Concen: 19.36 ng/ul
RT: 16.39 min Scan# 2346
Delta R.T. -0.01 min
Lab File: BM005550.D
Acq: 21 May 2016 14:52

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:248 Resp: 97674
Ion Ratio Lower Upper
248 100
250 97.7 77.6 116.4
141 80.0 61.0 91.4

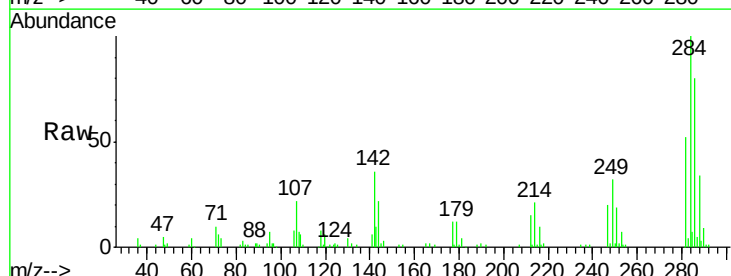


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

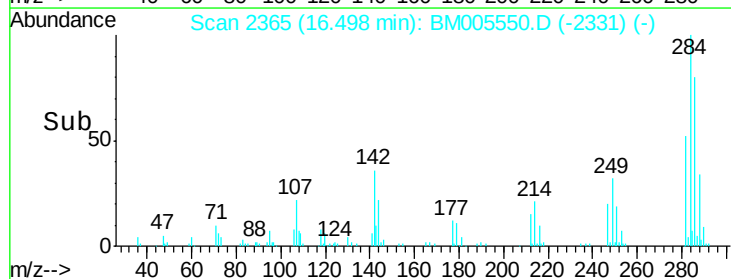
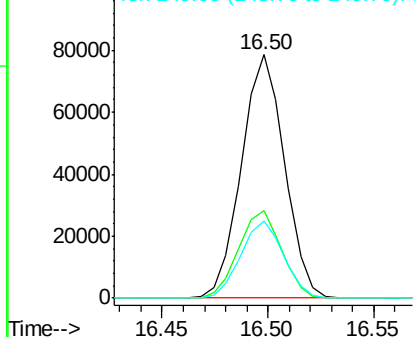


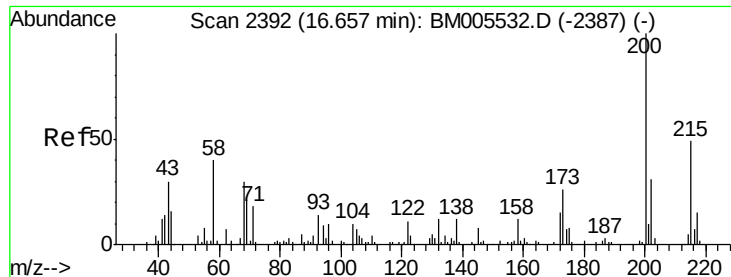
#66
Hexachlorobenzene
Concen: 19.33 ng/ul
RT: 16.50 min Scan# 2365
Delta R.T. 0.00 min
Lab File: BM005550.D
Acq: 21 May 2016 14:52

Tgt Ion:284 Resp: 111123
Ion Ratio Lower Upper
284 100
142 35.7 29.1 43.7
249 31.9 26.4 39.6



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

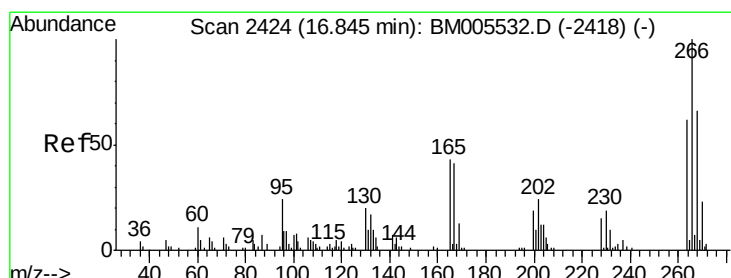
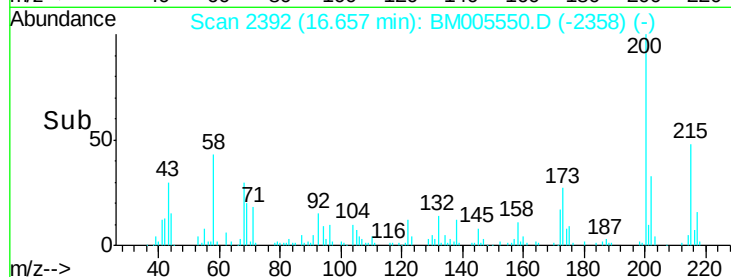
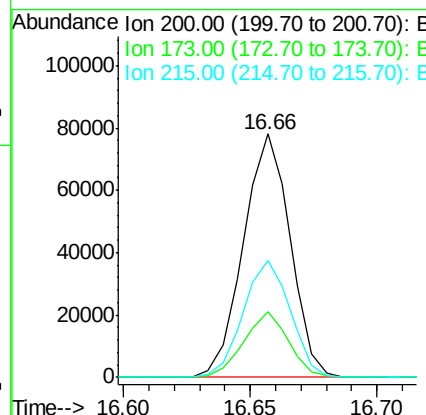
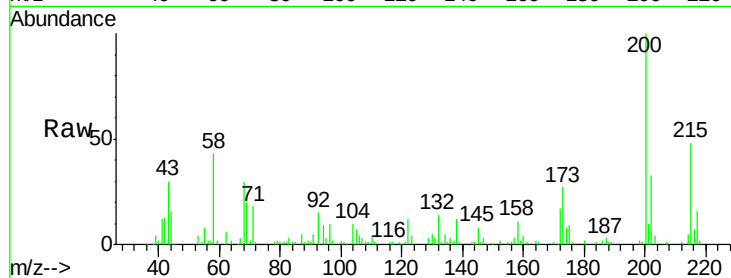




#67
 Atrazine
 Concen: 19.50 ng/ul
 RT: 16.66 min Scan# 2392
 Delta R.T. 0.00 min
 Lab File: BM005550.D
 Acq: 21 May 2016 14:52

Instrument :
 BNA_M
 ClientSampleId :
 SST02058

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.7	20.4	30.6
215	48.0	38.3	57.5



#68
 Pentachlorophenol
 Concen: 18.15 ng/ul
 RT: 16.84 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BM005550.D
 Acq: 21 May 2016 14:52

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.9	76.3
268	64.5	52.8	79.2

