

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081716\
 Data File : BM007162.D
 Acq On : 17 Aug 2016 03:26
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02046

Quant Time: Aug 17 03:59:02 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 03:20:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	252331	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	998050	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	577457	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1350794	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1707867	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1758293	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	46814	8.10	ng/uL	0.00
5) Phenol-d5	6.97	99	411627	20.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	236148	20.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	328870	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	326890	19.43	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	153643	21.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	173011	22.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	339001	20.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	399580	20.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	955341	20.02	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1176319	20.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	160247	18.74	ng/ul	0.00
57) Fluorene-d10	15.43	176	829996	19.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	142628	19.11	ng/ul	0.00
70) Anthracene-d10	17.28	188	1281687	20.48	ng/ul	0.00
76) Pyrene-d10	19.57	212	1524373	21.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1675131	20.83	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	47577	7.92	ng/uL	96
4) Benzaldehyde	6.95	77	275565	22.43	ng/ul	99
6) Phenol	7.00	94	425477	19.76	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.23	93	322455	20.29	ng/ul	100
10) 2-Chlorophenol	7.37	128	342999	20.60	ng/ul	98
11) 2-Methylphenol	8.25	108	316674	19.56	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.34	45	357836	19.66	ng/ul	98
14) Acetophenone	8.62	105	507252	19.58	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.61	70	259561	19.26	ng/ul	95
16) 4-Methylphenol	8.57	108	344189	19.48	ng/ul	98
17) Hexachloroethane	8.88	117	141429	20.35	ng/ul	97
20) Nitrobenzene	9.00	77	389487	20.88	ng/ul	99
21) Isophorone	9.52	82	696884	19.94	ng/ul	99
23) 2-Nitrophenol	9.71	139	185602	21.91	ng/ul	98
24) 2,4-Dimethylphenol	9.77	107	404760	20.85	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.00	93	419568	20.00	ng/ul	98
27) 2,4-Dichlorophenol	10.24	162	339015	20.98	ng/ul	99
28) Naphthalene	10.64	128	1011134	20.45	ng/ul	99
30) 4-Chloroaniline	10.75	127	406830	20.55	ng/ul	99
31) Hexachlorobutadiene	10.93	225	247992	20.76	ng/ul	98
32) Caprolactam	11.50	113	97310	17.78	ng/ul	98
33) 4-Chloro-3-methylphenol	11.87	107	354874	20.10	ng/ul	97
34) 2-Methylnaphthalene	12.25	142	766443	20.11	ng/ul	99

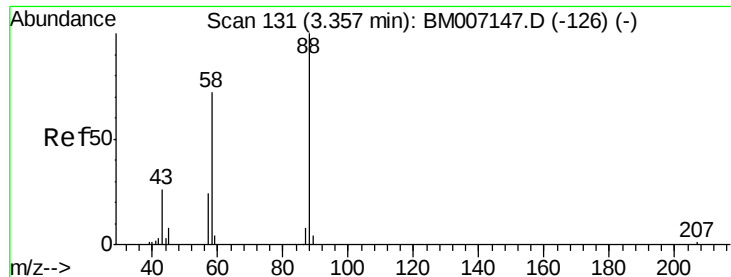
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081716\
 Data File : BM007162.D
 Acq On : 17 Aug 2016 03:26
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02046

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 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 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	12.62	216	448546	21.96	ng/ul	96
37) Hexachlorocyclopentadiene	12.60	237	234036	18.00	ng/ul	98
38) 2,4,6-Trichlorophenol	12.86	196	283774	21.67	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	292080	21.30	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	973453	21.01	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	760500	20.92	ng/ul	98
42) 2-Nitroaniline	13.52	65	221273	21.21	ng/ul	98
44) Dimethylphthalate	13.89	163	950095	19.92	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	195500	21.10	ng/ul	95
47) Acenaphthylene	14.16	152	1215848	20.61	ng/ul	99
48) 3-Nitroaniline	14.34	138	190897	20.82	ng/ul	95
49) Acenaphthene	14.50	153	778705	20.33	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	90227	16.42	ng/ul	92
52) 4-Nitrophenol	14.64	109	165953	19.09	ng/ul	92
53) Dibenzofuran	14.83	168	1144697	20.13	ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	281340	20.57	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	267294	20.16	ng/ul#	95
56) Diethylphthalate	15.26	149	943319	18.75	ng/ul	99
58) Fluorene	15.49	166	910439	19.86	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.48	204	478552	19.77	ng/ul	97
60) 4-Nitroaniline	15.50	138	201182	18.72	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.56	198	154135	18.98	ng/ul	98
64) N-Nitrosodiphenylamine	15.69	169	798355	20.88	ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	324183	21.19	ng/ul	98
66) Hexachlorobenzene	16.49	284	362226	20.93	ng/ul	98
67) Atrazine	16.64	200	317191	20.59	ng/ul	99
68) Pentachlorophenol	16.83	266	204960	19.25	ng/ul	97
69) Phenanthrene	17.22	178	1485022	20.44	ng/ul	99
71) Anthracene	17.31	178	1513392	20.30	ng/ul	99
72) Carbazole	17.58	167	1335344	20.79	ng/ul	99
73) Di-n-butylphthalate	18.14	149	1591543	20.27	ng/ul	99
74) Fluoranthene	19.23	202	1890123	21.45	ng/ul	99
77) Pyrene	19.60	202	1946789	20.62	ng/ul	99
78) Butylbenzylphthalate	20.50	149	771299	21.01	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.28	252	669435	20.29	ng/ul	97
80) Benzo(a)anthracene	21.34	228	2051812	20.33	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.28	149	1105318	20.34	ng/ul	99
82) Chrysene	21.40	228	1837929	19.93	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	1964851	21.66	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	2190515	20.68	ng/ul	98
86) Benzo(k)fluoranthene	23.00	252	2079970	20.91	ng/ul	100
88) Benzo(a)pyrene	23.54	252	2077348	20.69	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	2503124	20.34	ng/ul	99
90) Dibenzo(a,h)anthracene	25.94	278	2085498	20.19	ng/ul	100
91) Benzo(g,h,i)perylene	26.63	276	2085951	20.05	ng/ul	98

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



#2

1,4-Dioxane

Concen: 7.92 ng/uL

RT: 3.36 min Scan# 132

Delta R.T. 0.01 min

Lab File: BM007162.D

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Instrument :

BNA_M

ClientSampleId :

SSTD02046

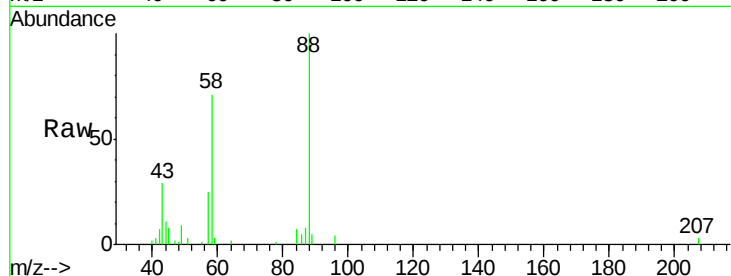
Tgt Ion: 88 Resp: 47577

Ion Ratio Lower Upper

88 100

43 30.2 22.6 34.0

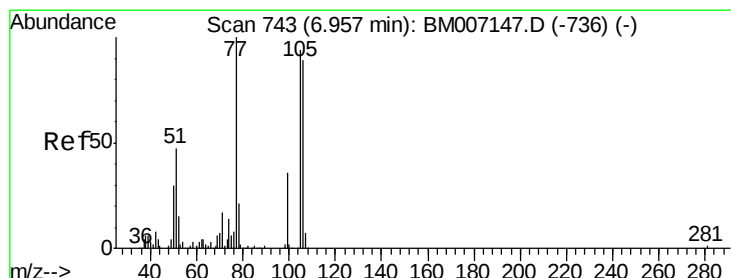
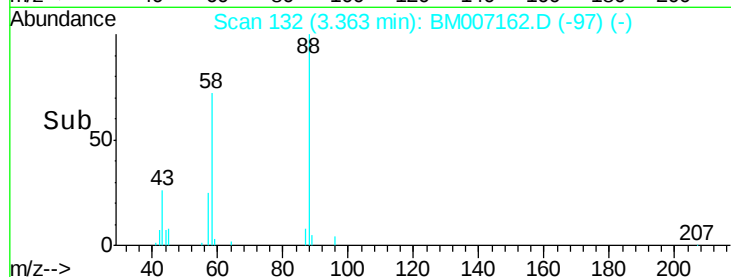
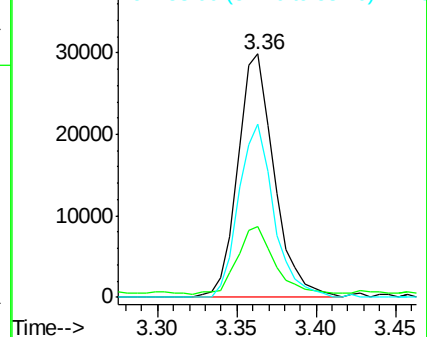
58 68.5 57.3 85.9



Abundance Ion 88.00 (87.70 to 88.70): BM007162.D (-97) (-)

Ion 43.00 (42.70 to 43.70): BM007162.D (-97) (-)

Ion 58.00 (57.70 to 58.70): BM007162.D (-97) (-)



#4

Benzaldehyde

Concen: 22.43 ng/uL

RT: 6.95 min Scan# 742

Delta R.T. -0.01 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

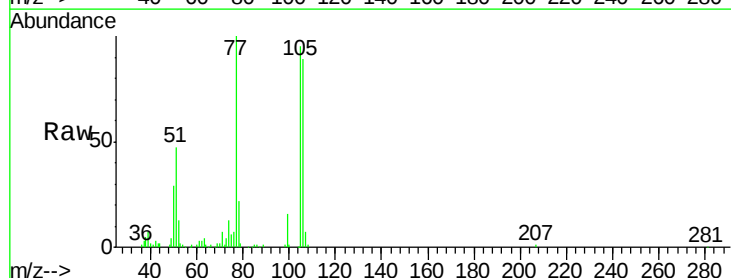
Tgt Ion: 77 Resp: 275565

Ion Ratio Lower Upper

77 100

105 95.4 76.9 115.3

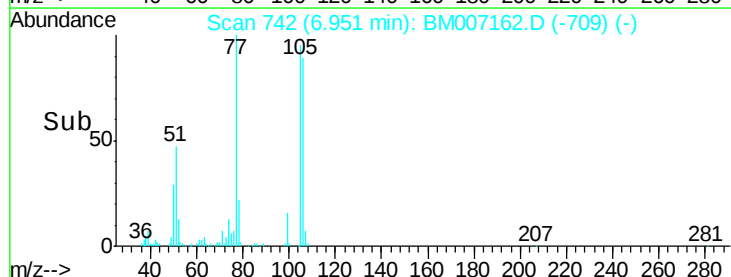
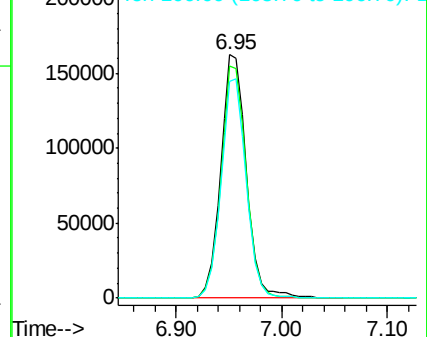
106 88.8 71.8 107.8

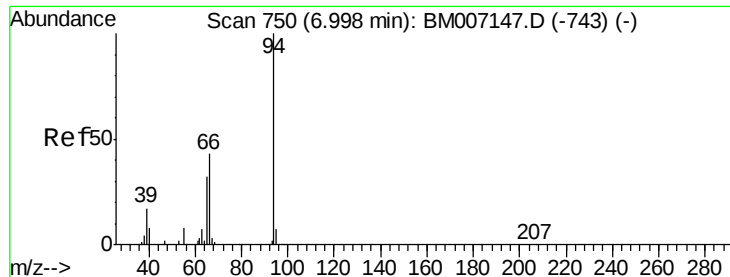


Abundance Ion 77.00 (76.70 to 77.70): BM007162.D (-709) (-)

Ion 105.00 (104.70 to 105.70): BM007162.D (-709) (-)

Ion 106.00 (105.70 to 106.70): BM007162.D (-709) (-)





#6

Phenol

Concen: 19.76 ng/ul

RT: 7.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

Instrument :

BNA_M

ClientSampleId :

SSTD02046

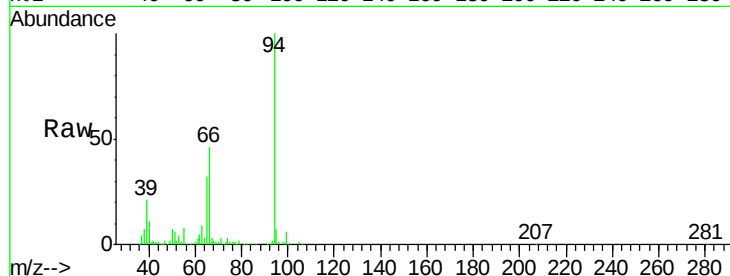
Tgt Ion: 94 Resp: 425477

Ion Ratio Lower Upper

94 100

65 31.7 23.9 35.9

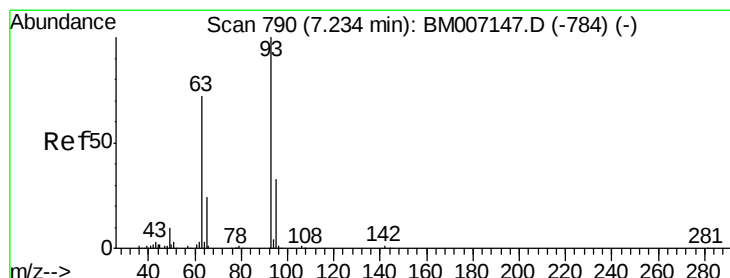
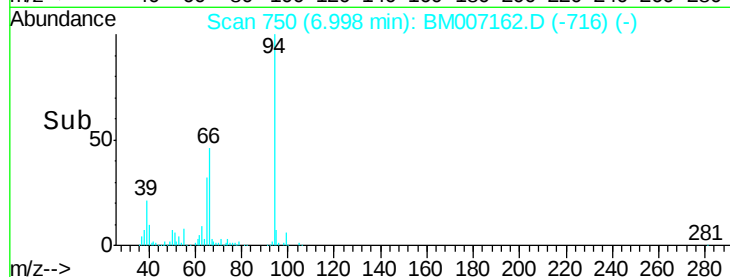
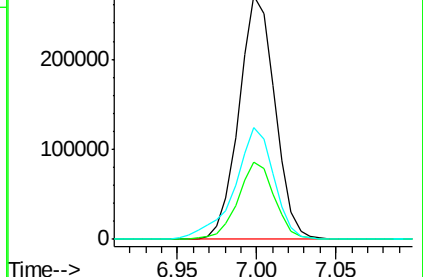
66 46.1 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007147.D (-743) (-)

Ion 65.00 (64.70 to 65.70): BM007147.D (-743) (-)

Ion 66.00 (65.70 to 66.70): BM007147.D (-743) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 20.29 ng/ul

RT: 7.23 min Scan# 790

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

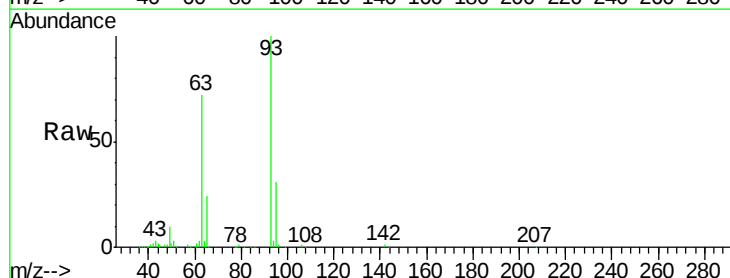
Tgt Ion: 93 Resp: 322455

Ion Ratio Lower Upper

93 100

63 71.7 57.3 85.9

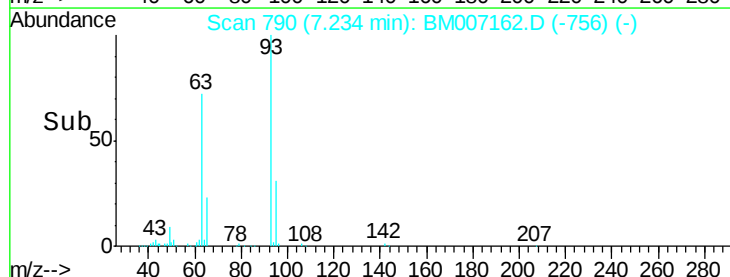
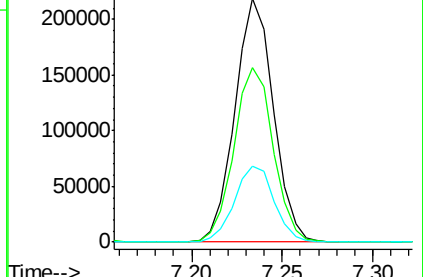
95 31.2 25.1 37.7

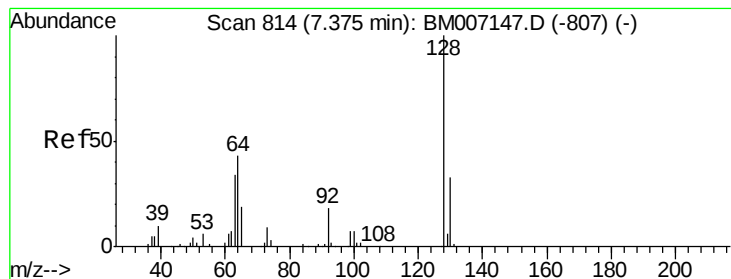


Abundance Ion 93.00 (92.70 to 93.70): BM007147.D (-784) (-)

Ion 63.00 (62.70 to 63.70): BM007147.D (-784) (-)

Ion 95.00 (94.70 to 95.70): BM007147.D (-784) (-)





#10

2-Chlorophenol

Concen: 20.60 ng/ul

RT: 7.37 min Scan# 814

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

Instrument :

BNA_M

ClientSampleId :

SSTD02046

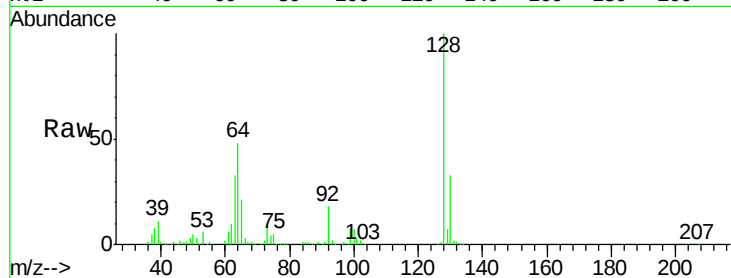
Tgt Ion:128 Resp: 342999

Ion Ratio Lower Upper

128 100

64 47.7 37.5 56.3

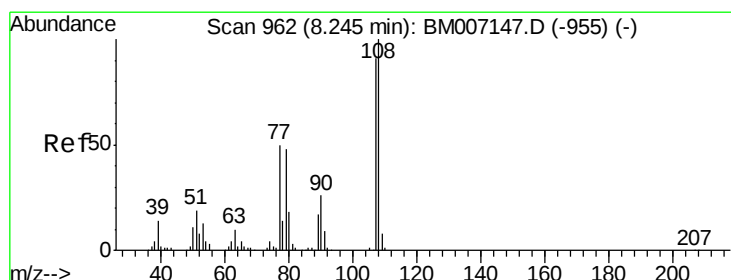
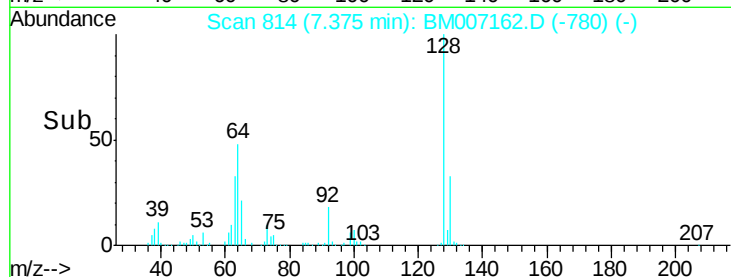
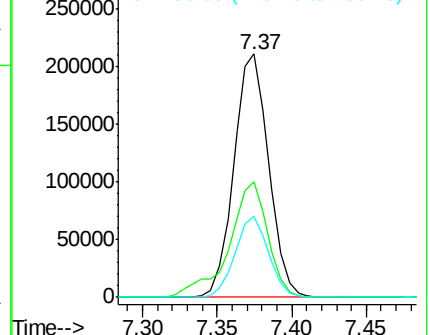
130 33.1 25.0 37.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.56 ng/ul

RT: 8.25 min Scan# 962

Delta R.T. 0.00 min

Lab File: BM007162.D

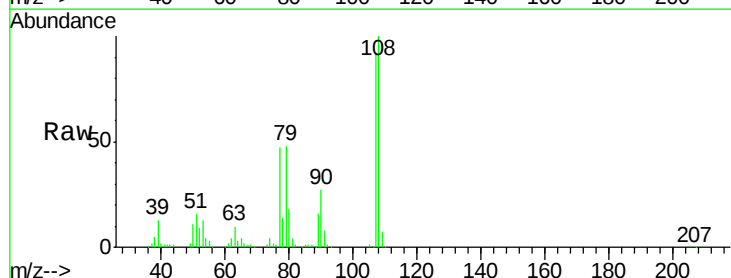
Acq: 17 Aug 2016 03:26

Tgt Ion:108 Resp: 316674

Ion Ratio Lower Upper

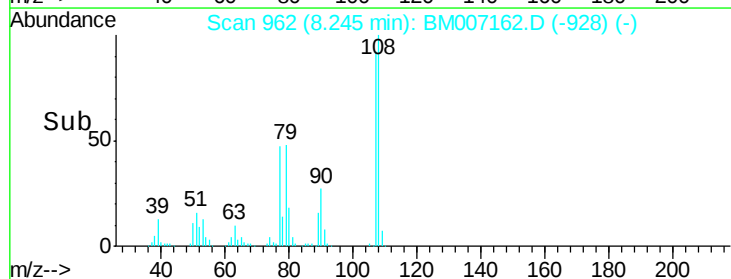
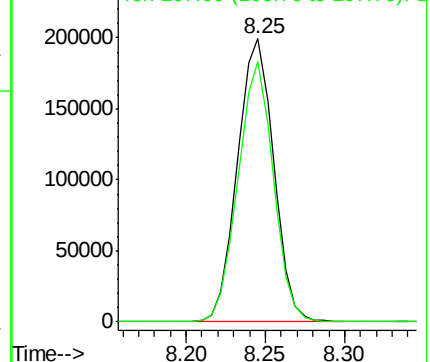
108 100

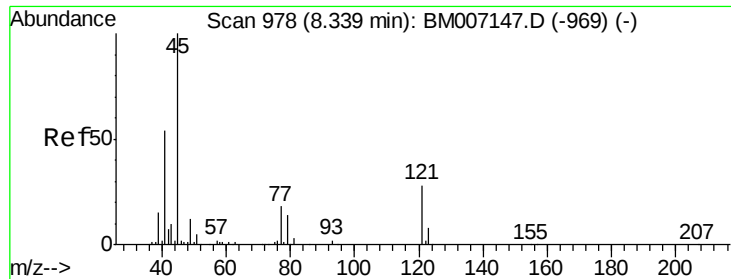
107 91.9 71.8 107.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

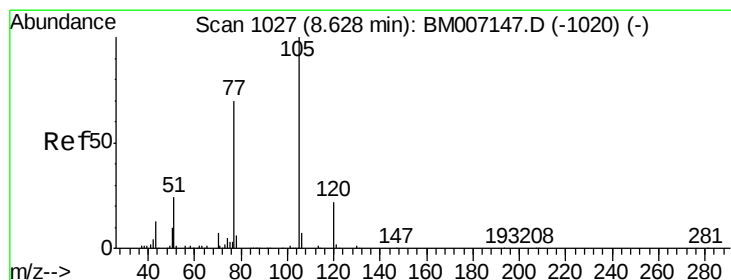
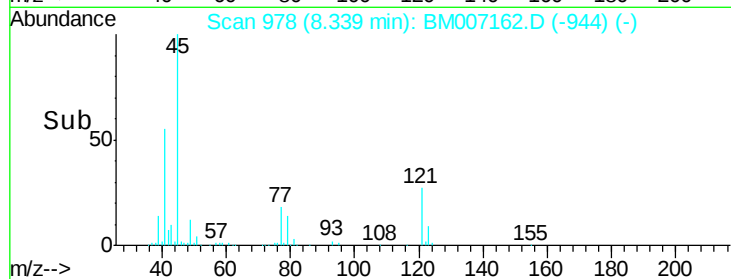
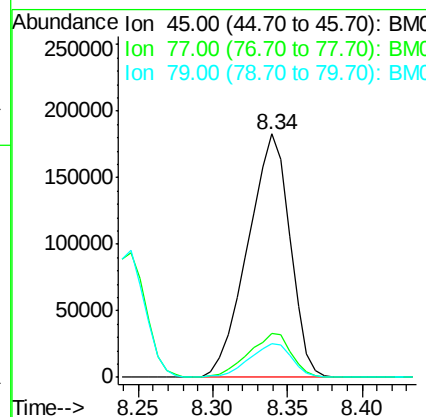
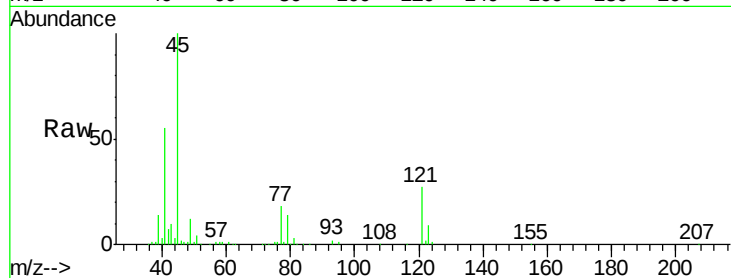




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 19.66 ng/ul
 RT: 8.34 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BM007162.D
 Acq: 17 Aug 2016 03:26

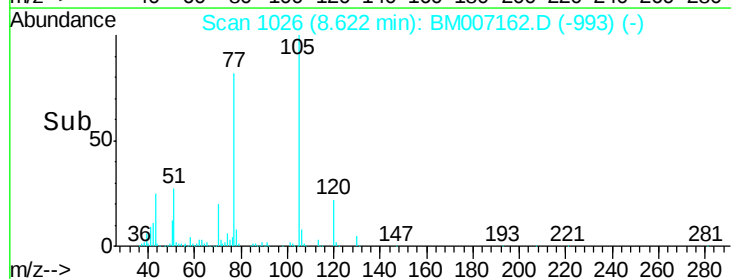
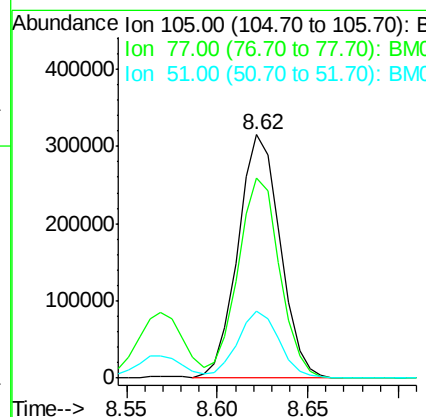
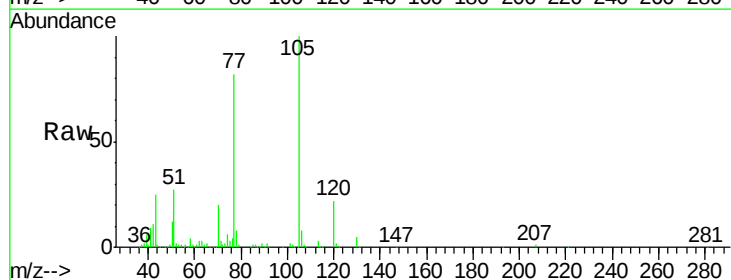
Instrument :
 BNA_M
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 SSTD02046

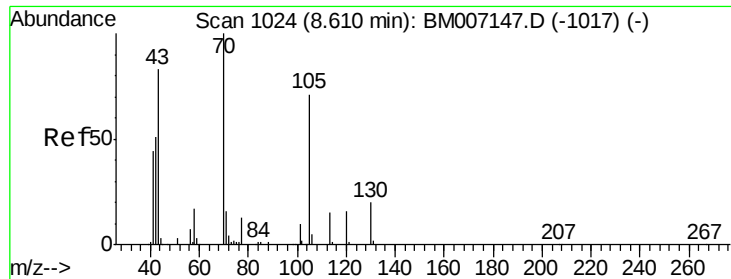
Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.1	14.1	21.1
79	14.1	10.4	15.6



#14
 Acetophenone
 Concen: 19.58 ng/ul
 RT: 8.62 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BM007162.D
 Acq: 17 Aug 2016 03:26

Tgt Ion	Ratio	Lower	Upper
105	100		
77	82.1	65.9	98.9
51	27.4	22.2	33.2

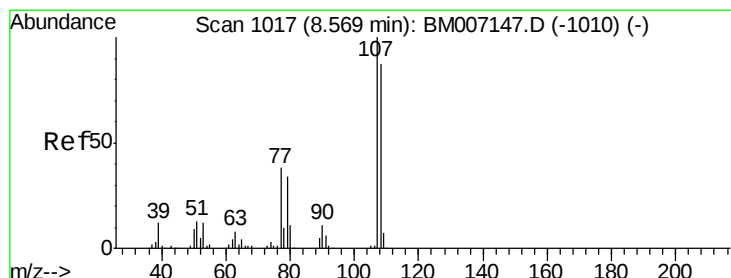
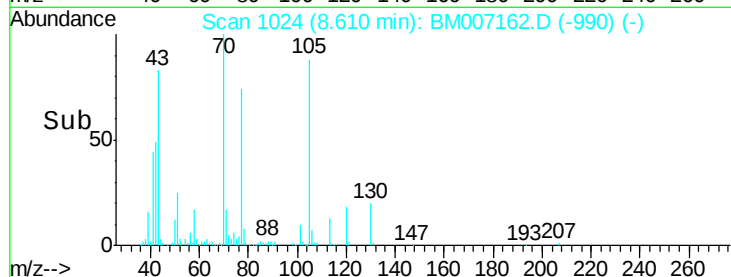
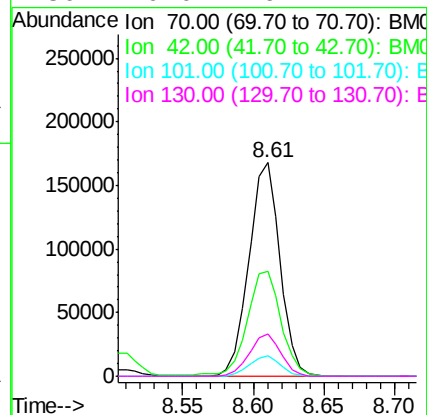
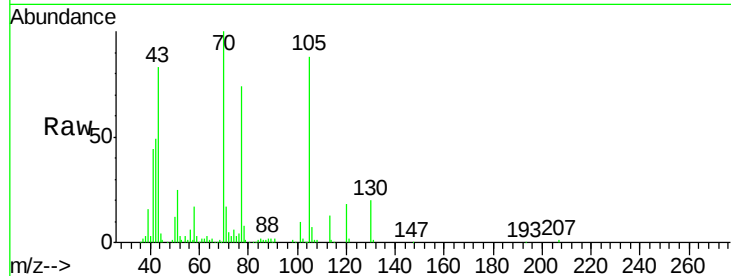




#15
N-Nitroso-di-n-propylamine
Concen: 19.26 ng/ul
RT: 8.61 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BM007162.D
Acq: 17 Aug 2016 03:26

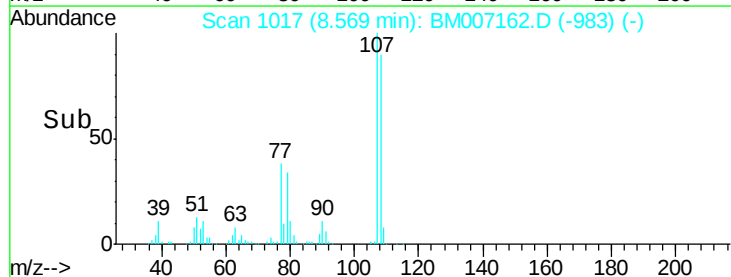
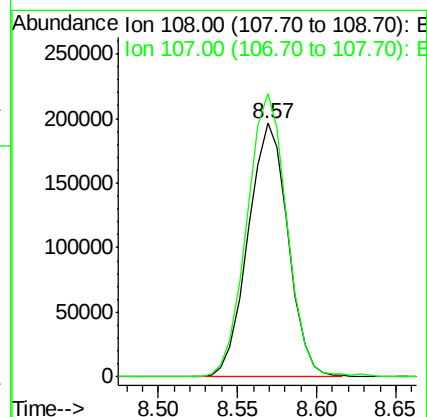
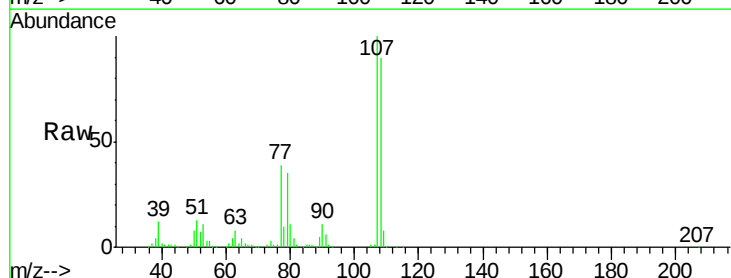
Instrument :
BNA_M
ClientSampleId :
SSTD02046

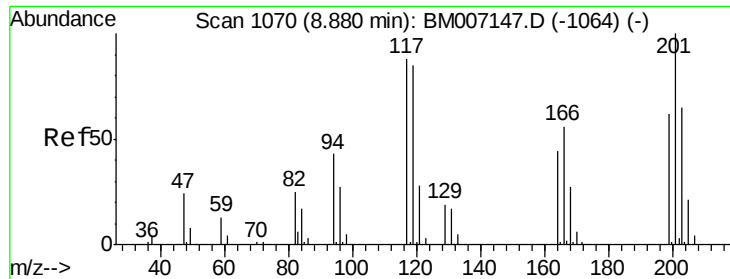
Tgt Ion:	70	Resp:	259561
Ion	Ratio	Lower	Upper
70	100		
42	48.9	43.4	65.2
101	9.9	7.8	11.6
130	20.0	16.2	24.4



#16
4-Methylphenol
Concen: 19.48 ng/ul
RT: 8.57 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BM007162.D
Acq: 17 Aug 2016 03:26

Tgt Ion:	108	Resp:	344189
Ion	Ratio	Lower	Upper
108	100		
107	111.6	87.8	131.8





#17

Hexachloroethane

Concen: 20.35 ng/ul

RT: 8.88 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

Instrument :

BNA_M

ClientSampleId :

SSTD02046

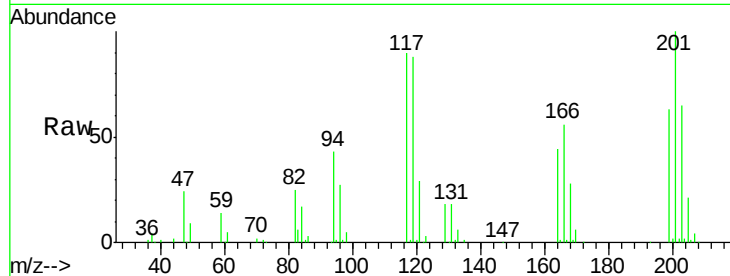
Tgt Ion:117 Resp: 141429

Ion Ratio Lower Upper

117 100

201 110.9 90.3 135.5

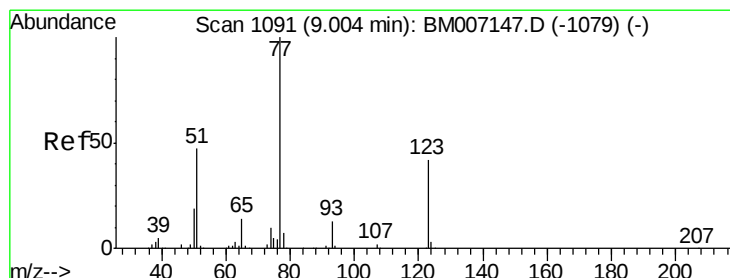
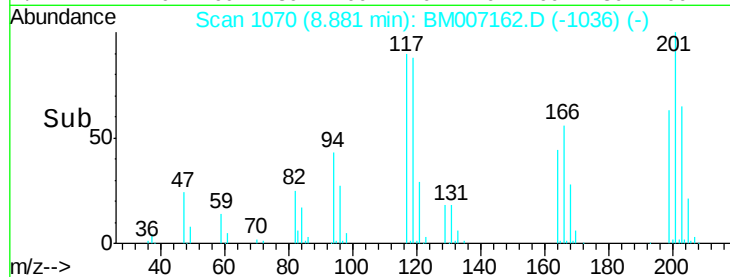
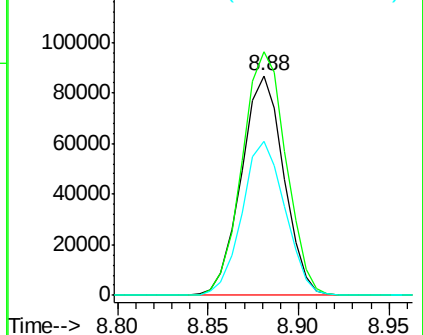
199 70.1 58.5 87.7



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: 20.88 ng/ul

RT: 9.00 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

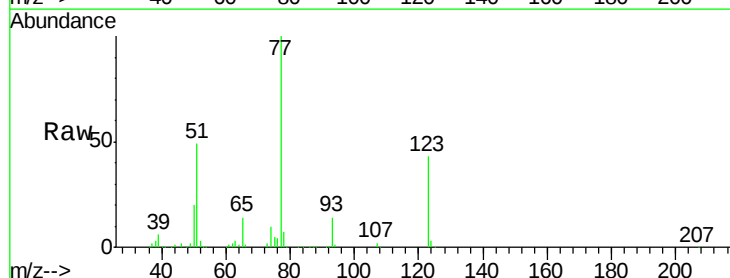
Tgt Ion: 77 Resp: 389487

Ion Ratio Lower Upper

77 100

123 43.0 34.2 51.4

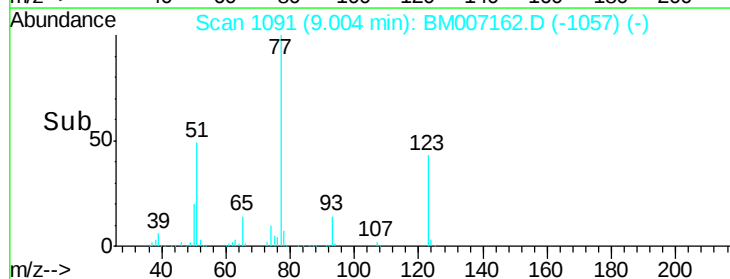
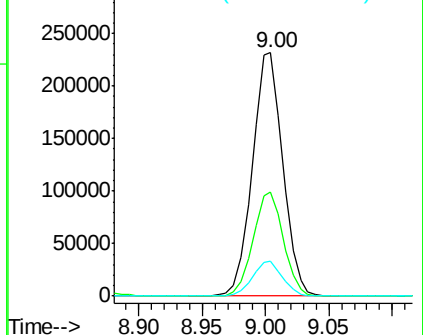
65 14.3 11.0 16.6

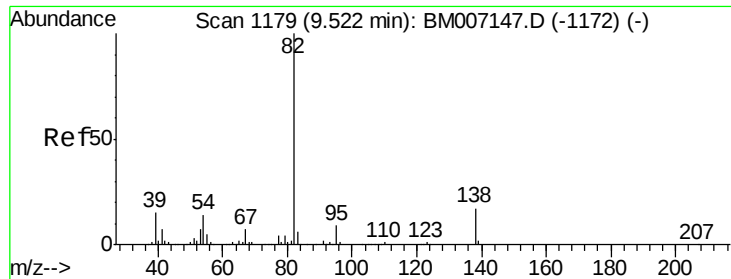


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM

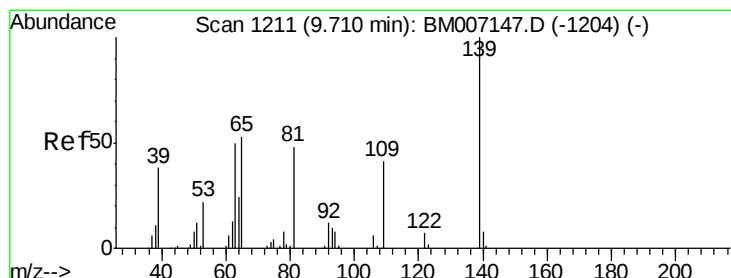
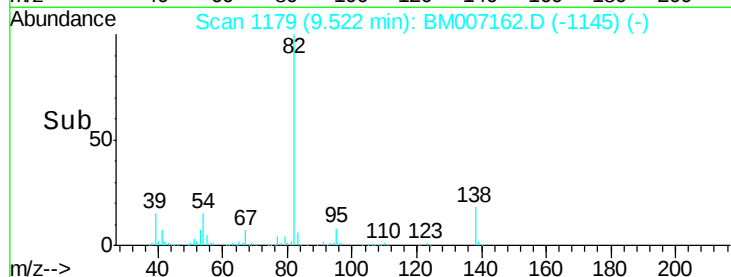
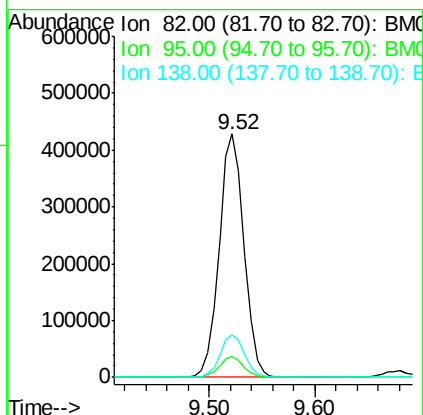
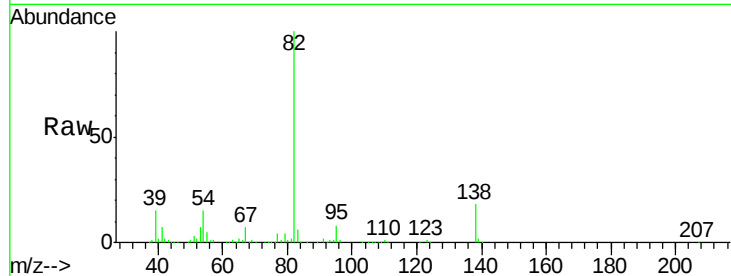




#21
Isophorone
Concen: 19.94 ng/ul
RT: 9.52 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BM007162.D
Acq: 17 Aug 2016 03:26

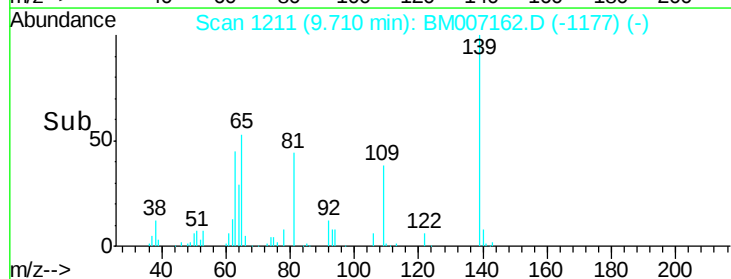
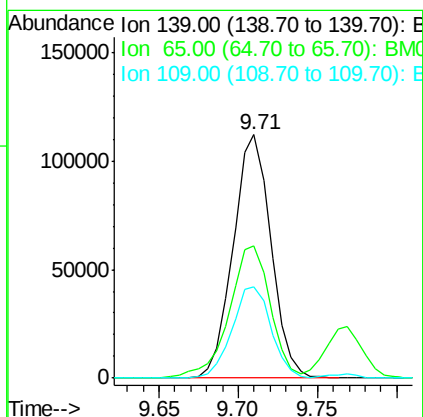
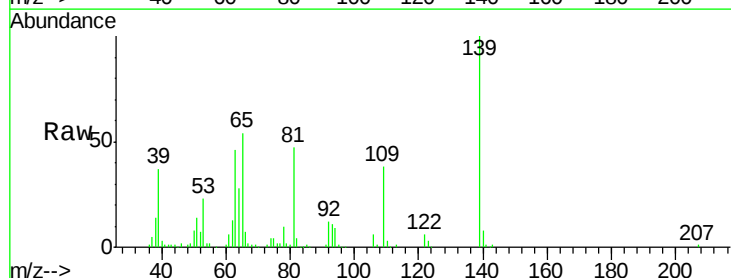
Instrument :
BNA_M
ClientSampleId :
SSTD02046

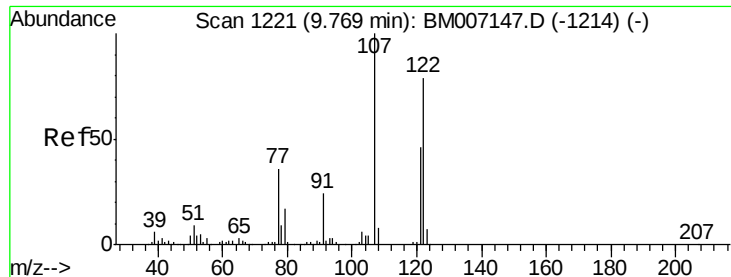
Tgt Ion: 82 Resp: 696884
Ion Ratio Lower Upper
82 100
95 8.5 6.9 10.3
138 17.8 13.8 20.8



#23
2-Nitrophenol
Concen: 21.91 ng/ul
RT: 9.71 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BM007162.D
Acq: 17 Aug 2016 03:26

Tgt Ion: 139 Resp: 185602
Ion Ratio Lower Upper
139 100
65 54.4 44.2 66.4
109 37.8 28.2 42.4





#24

2,4-Dimethylphenol

Concen: 20.85 ng/ul

RT: 9.77 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

Instrument :

BNA_M

ClientSampleId :

SSTD02046

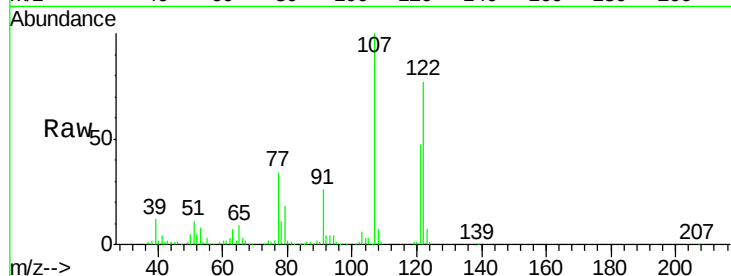
Tgt Ion: 107 Resp: 404760

Ion Ratio Lower Upper

107 100

121 46.9 37.1 55.7

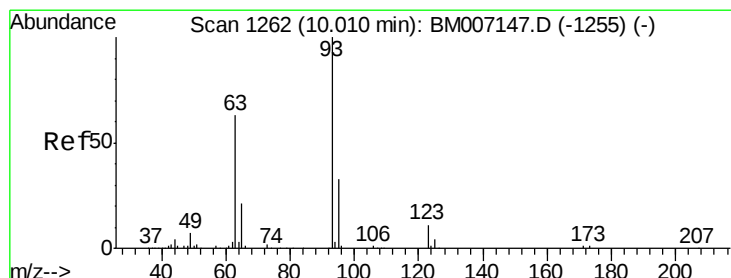
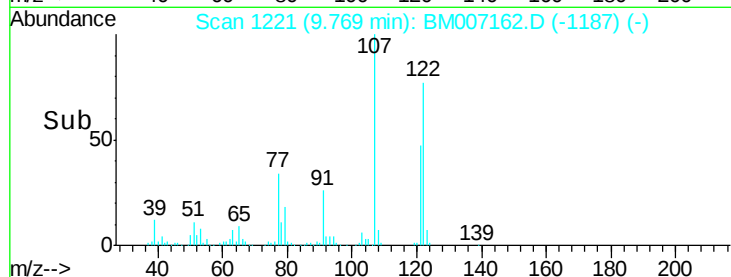
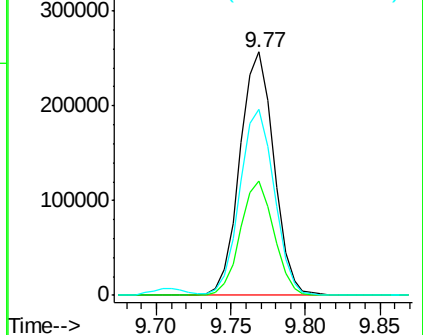
122 76.6 62.8 94.2



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: 20.00 ng/ul

RT: 10.00 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

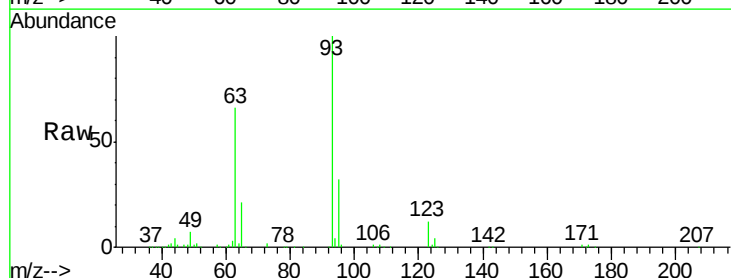
Tgt Ion: 93 Resp: 419568

Ion Ratio Lower Upper

93 100

95 32.2 25.4 38.0

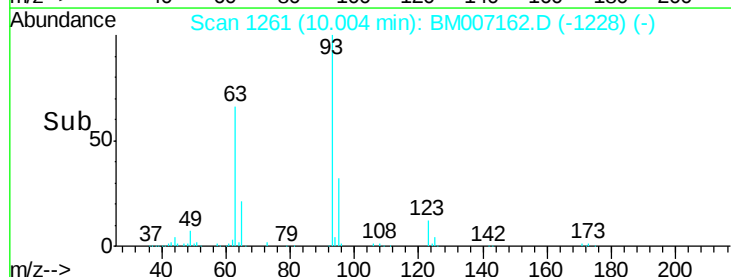
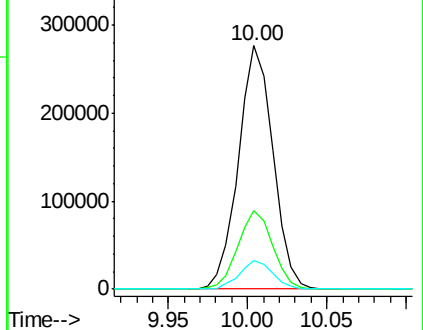
123 11.7 8.3 12.5

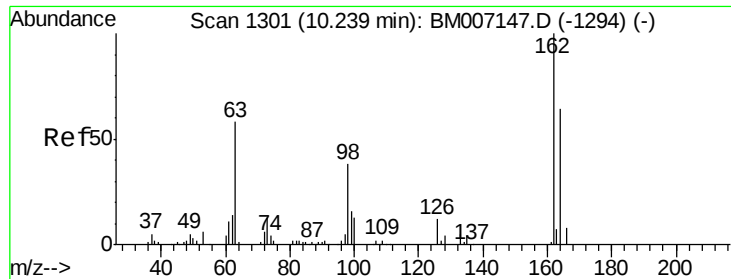


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

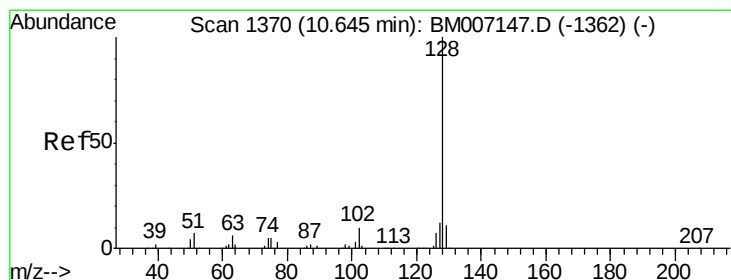
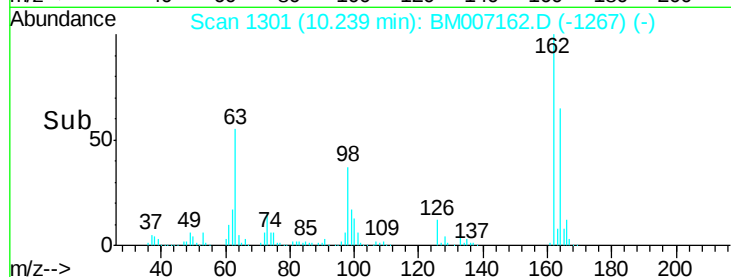
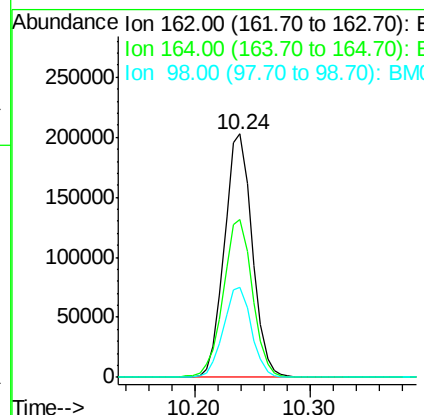
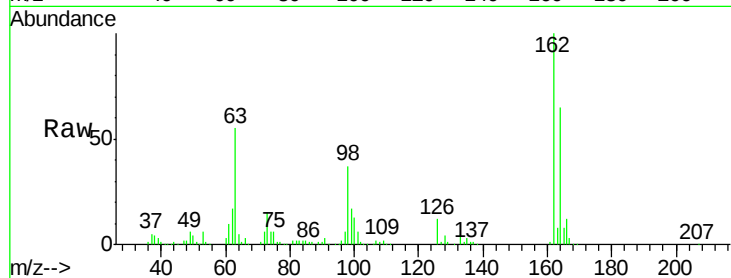




#27
 2,4-Dichlorophenol
 Concen: 20.98 ng/ul
 RT: 10.24 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BM007162.D
 Acq: 17 Aug 2016 03:26

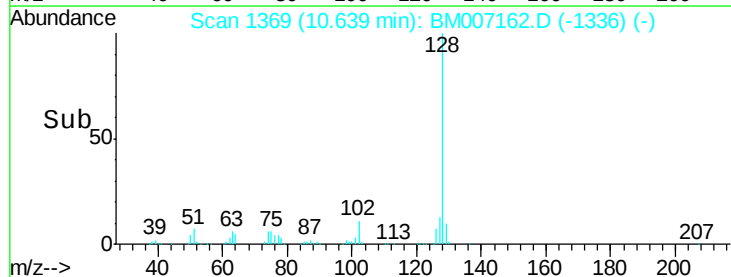
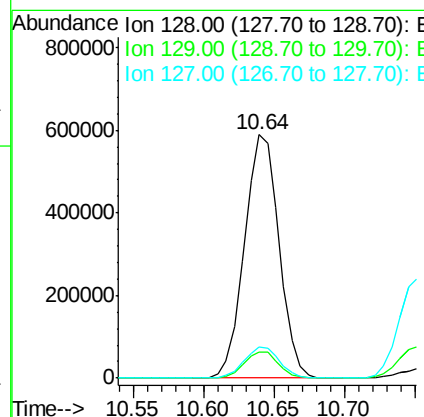
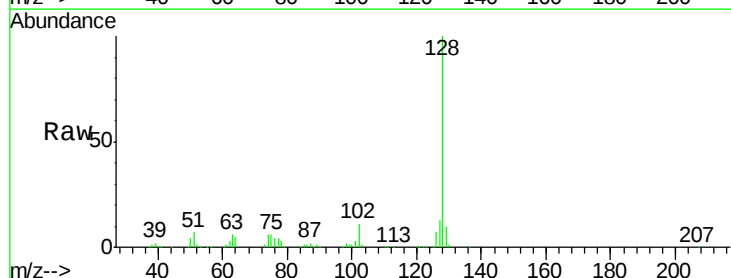
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02046

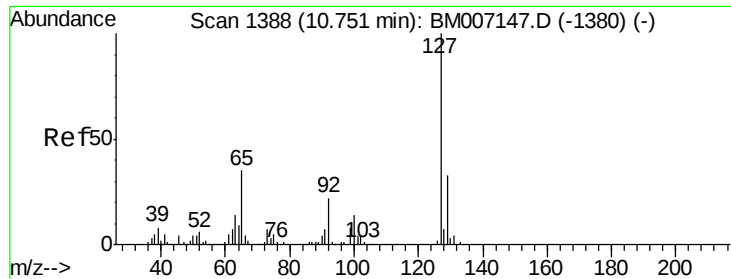
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	51.6	77.4
98	37.0	28.4	42.6



#28
 Naphthalene
 Concen: 20.45 ng/ul
 RT: 10.64 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: BM007162.D
 Acq: 17 Aug 2016 03:26

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	12.8
127	13.0	10.6	15.8

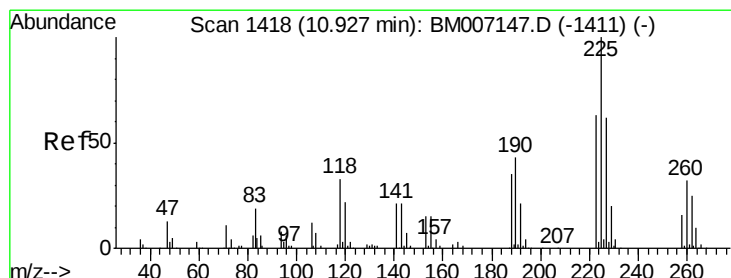
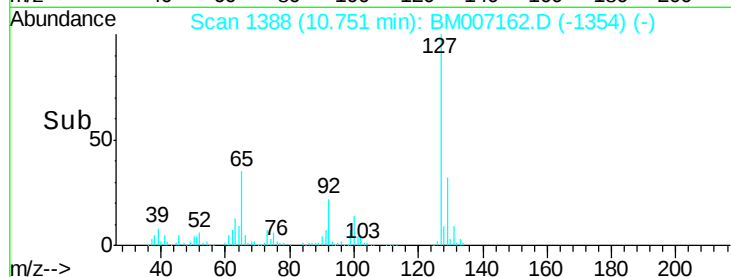
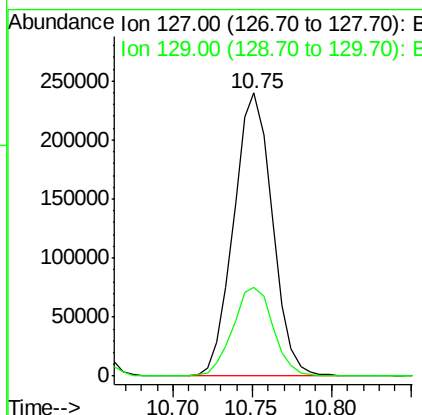
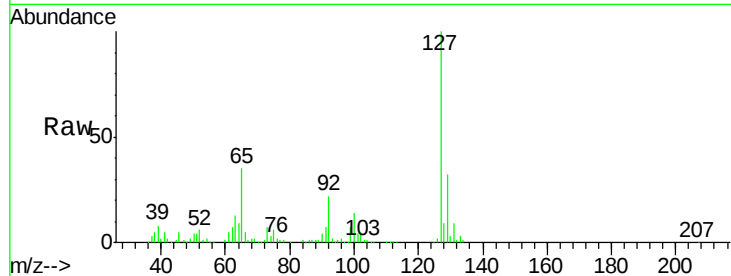




#30
4-Chloroaniline
Concen: 20.55 ng/ul
RT: 10.75 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BM007162.D
Acq: 17 Aug 2016 03:26

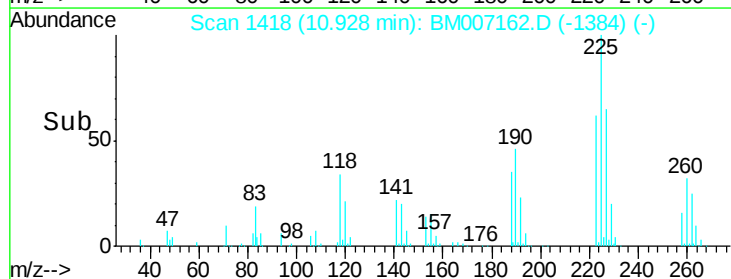
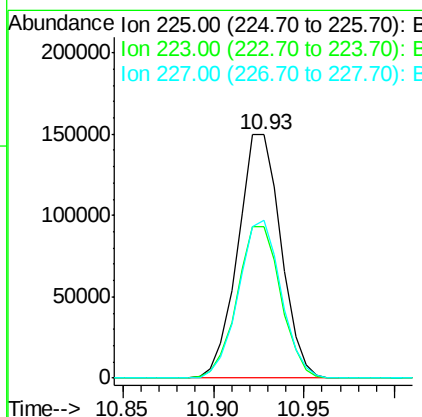
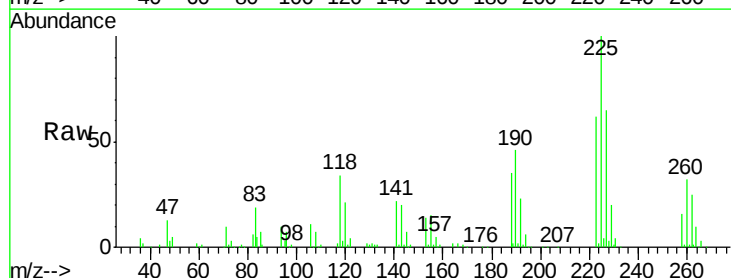
Instrument :
BNA_M
ClientSampleId :
SSTD02046

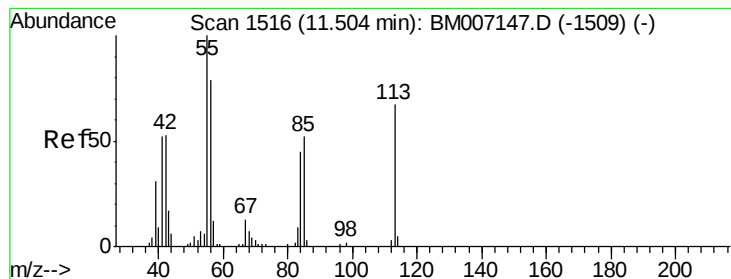
Tgt Ion:127 Resp: 406830
Ion Ratio Lower Upper
127 100
129 31.6 24.6 37.0



#31
Hexachlorobutadiene
Concen: 20.76 ng/ul
RT: 10.93 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BM007162.D
Acq: 17 Aug 2016 03:26

Tgt Ion:225 Resp: 247992
Ion Ratio Lower Upper
225 100
223 62.0 51.2 76.8
227 65.1 52.5 78.7





#32

Caprolactam

Concen: 17.78 ng/ul

RT: 11.50 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

Instrument :

BNA_M

ClientSampleId :

SSTD02046

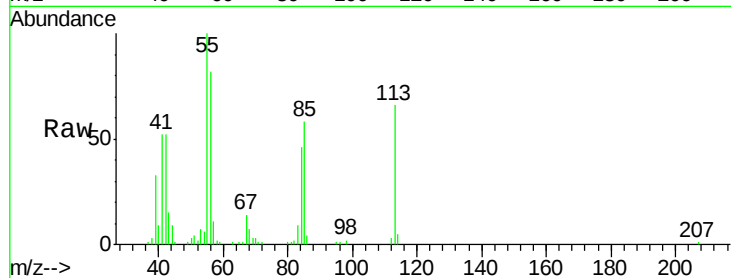
Tgt Ion:113 Resp: 97310

Ion Ratio Lower Upper

113 100

55 150.5 121.9 182.9

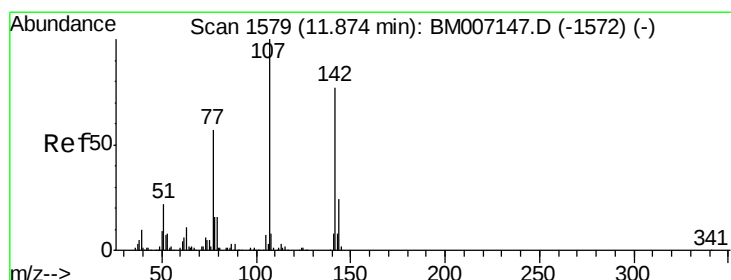
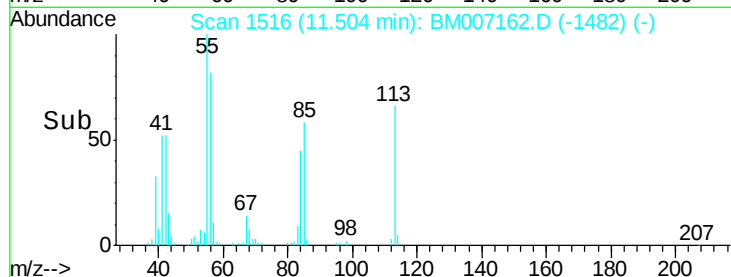
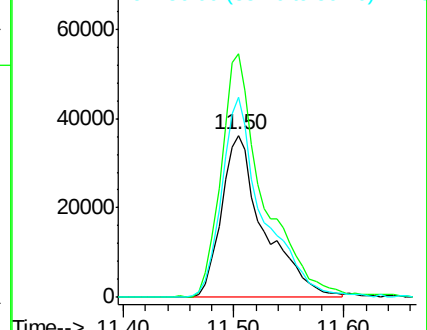
56 123.9 97.4 146.0



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: 20.10 ng/ul

RT: 11.87 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

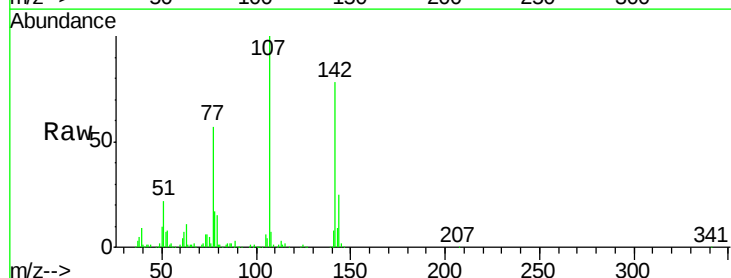
Tgt Ion:107 Resp: 354874

Ion Ratio Lower Upper

107 100

144 24.8 21.1 31.7

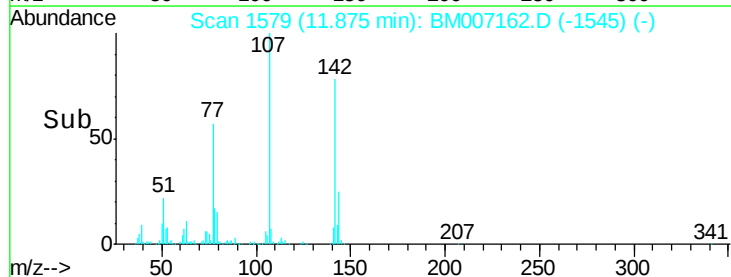
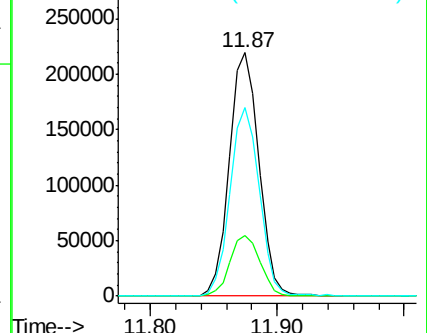
142 77.6 64.1 96.1

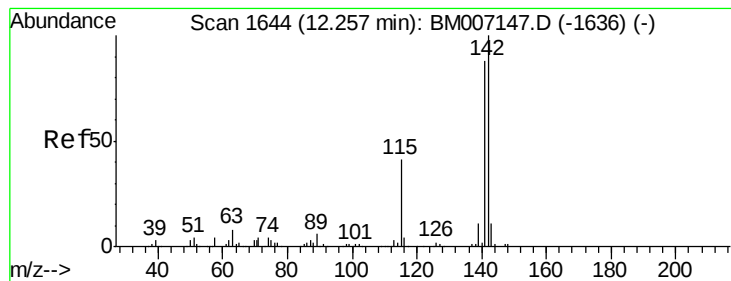


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.11 ng/ul

RT: 12.25 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

Instrument :

BNA_M

ClientSampleId :

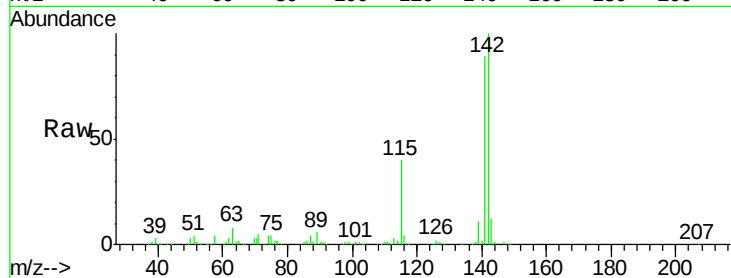
SSTD02046

Tgt Ion:142 Resp: 766443

Ion Ratio Lower Upper

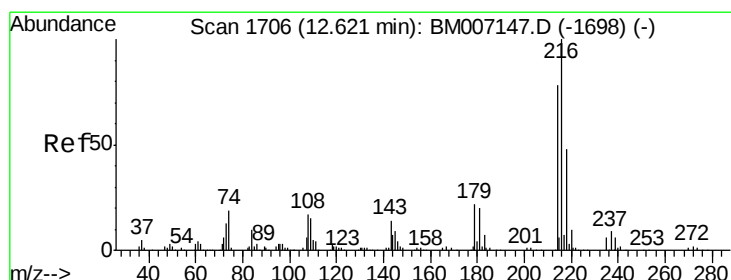
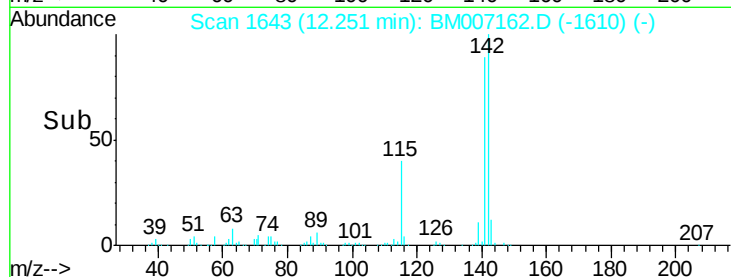
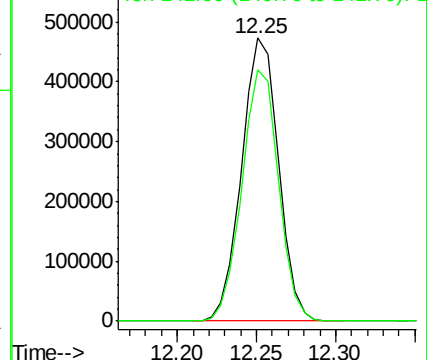
142 100

141 88.6 71.3 106.9



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: 21.96 ng/ul

RT: 12.62 min Scan# 1706

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

Tgt Ion:216 Resp: 448546

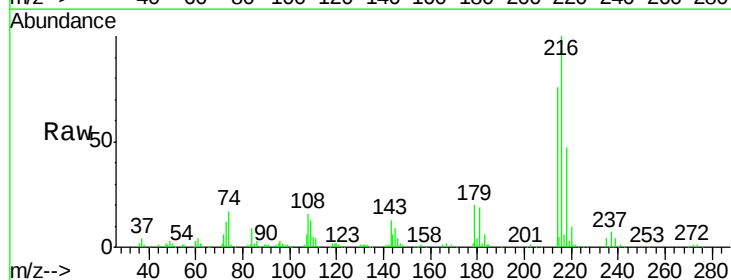
Ion Ratio Lower Upper

216 100

214 76.4 64.8 97.2

179 19.9 16.7 25.1

108 16.3 13.2 19.8

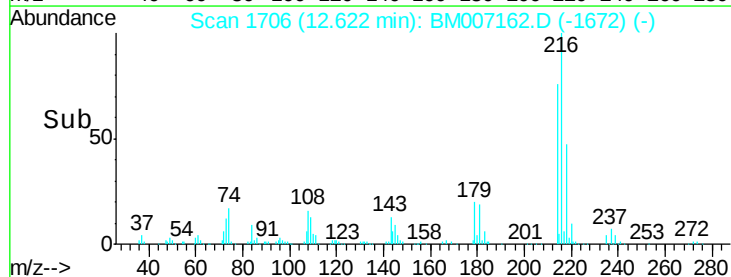
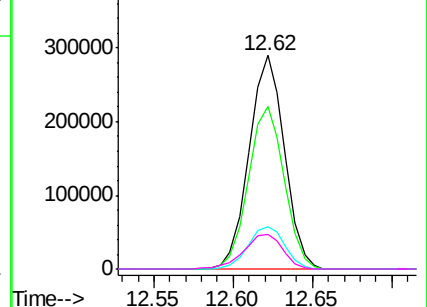


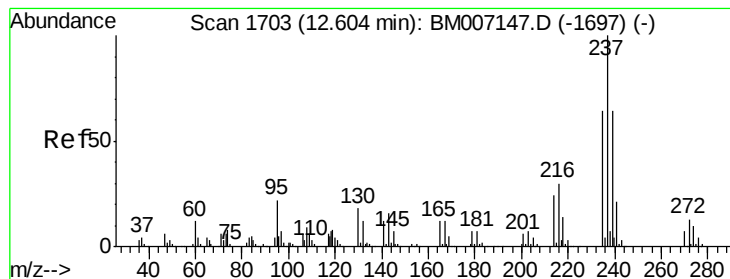
Abundance Ion 216.00 (215.70 to 216.70): E

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: 18.00 ng/ul

RT: 12.60 min Scan# 1703

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

Instrument :

BNA_M

ClientSampleId :

SSTD02046

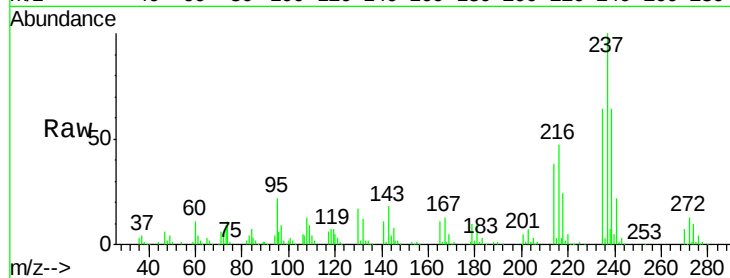
Tgt Ion:237 Resp: 234036

Ion Ratio Lower Upper

237 100

235 63.9 49.6 74.4

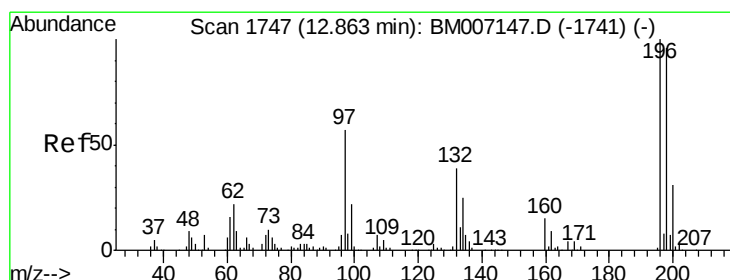
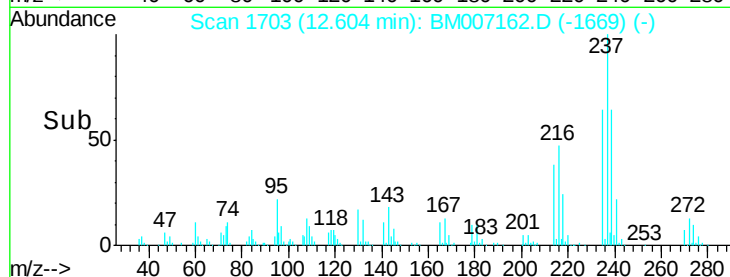
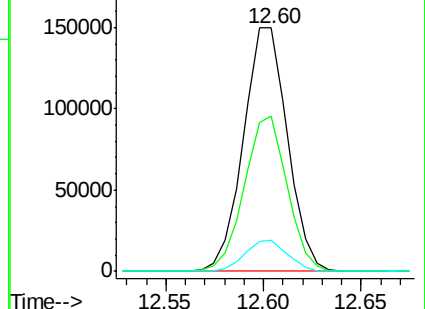
272 12.6 10.4 15.6



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: 21.67 ng/ul

RT: 12.86 min Scan# 1747

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

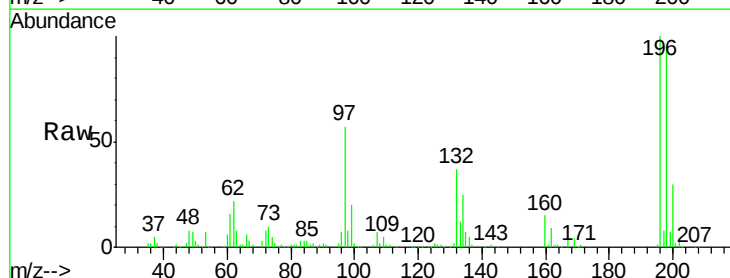
Tgt Ion:196 Resp: 283774

Ion Ratio Lower Upper

196 100

198 95.7 76.9 115.3

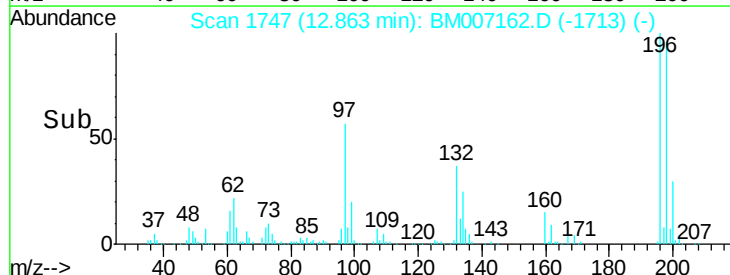
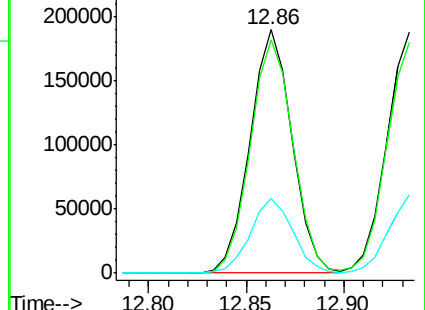
200 30.5 25.1 37.7

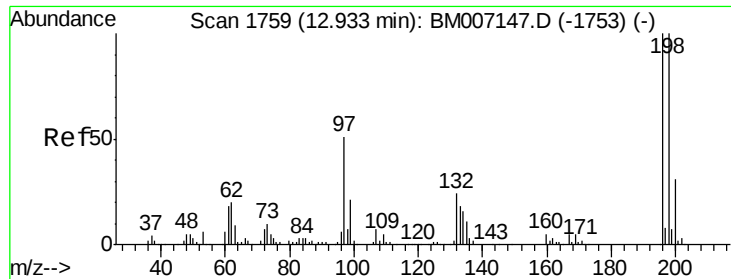


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

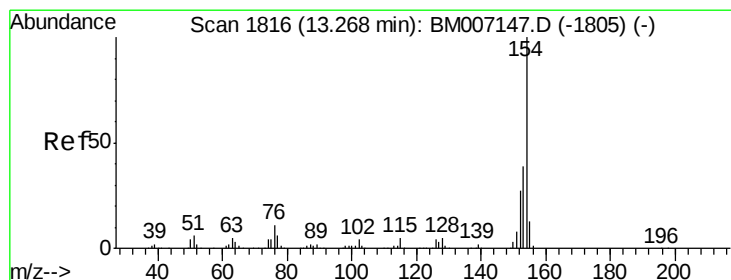
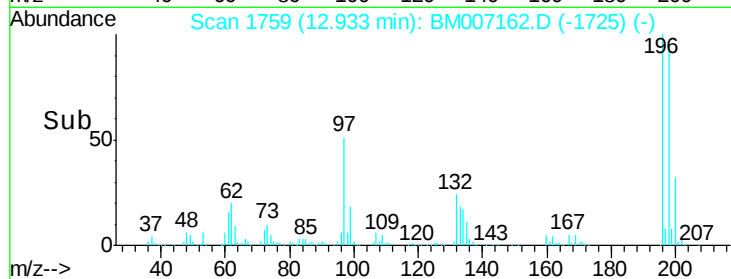
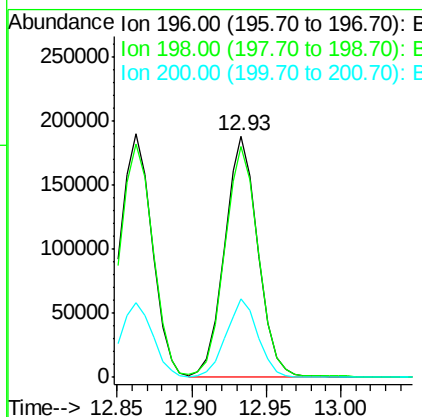
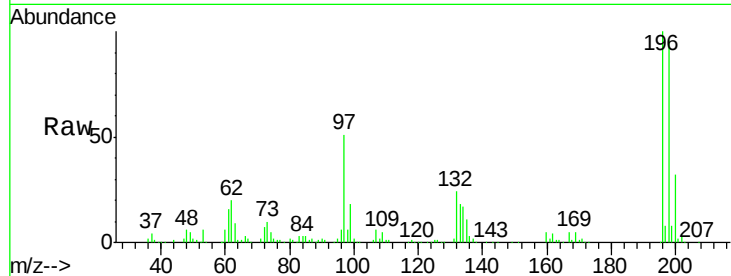




#39
 2,4,5-Trichlorophenol
 Concen: 21.30 ng/ul
 RT: 12.93 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM007162.D
 Acq: 17 Aug 2016 03:26

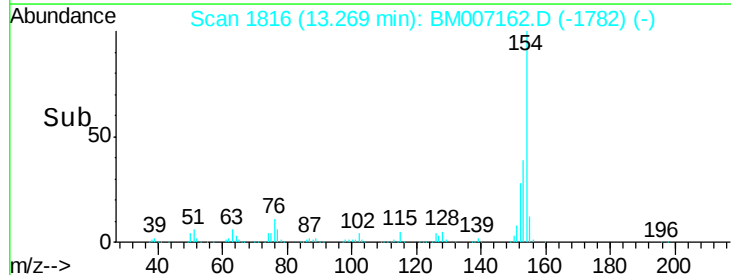
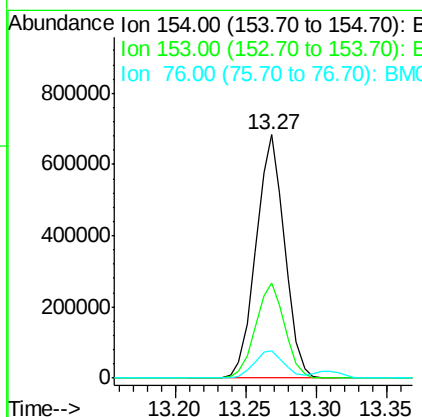
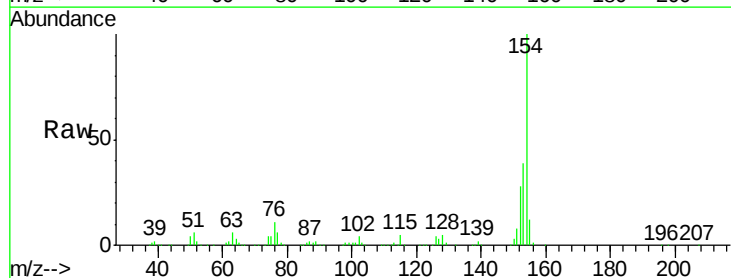
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02046

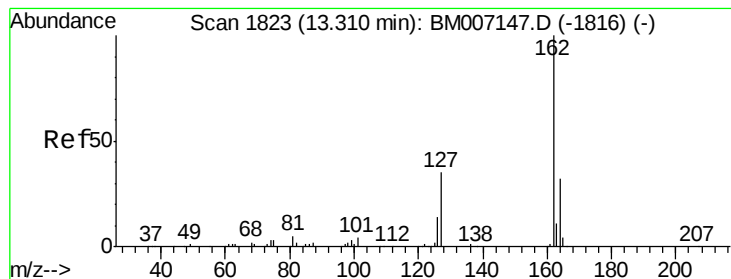
Tgt Ion:196 Resp: 292080
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.8 115.2
 200 32.3 27.0 40.4



#40
 1,1'-Biphenyl
 Concen: 21.01 ng/ul
 RT: 13.27 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BM007162.D
 Acq: 17 Aug 2016 03:26

Tgt Ion:154 Resp: 973453
 Ion Ratio Lower Upper
 154 100
 153 39.1 31.3 46.9
 76 11.3 10.0 15.0





#41

2-Chloronaphthalene

Concen: 20.92 ng/ul

RT: 13.31 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

Instrument :

BNA_M

ClientSampleId :

SSTD02046

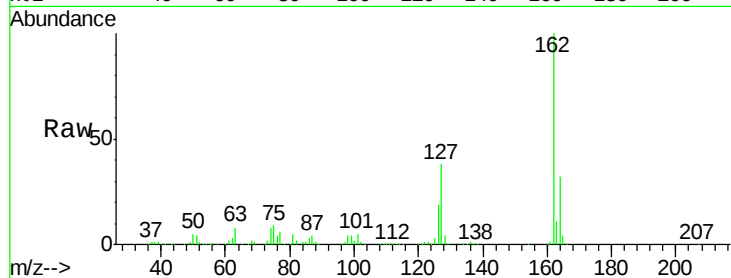
Tgt Ion: 162 Resp: 760500

Ion Ratio Lower Upper

162 100

164 32.2 26.9 40.3

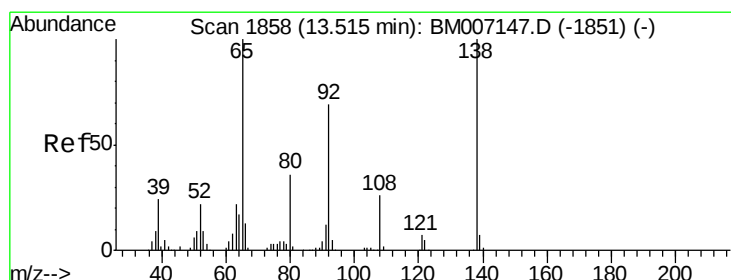
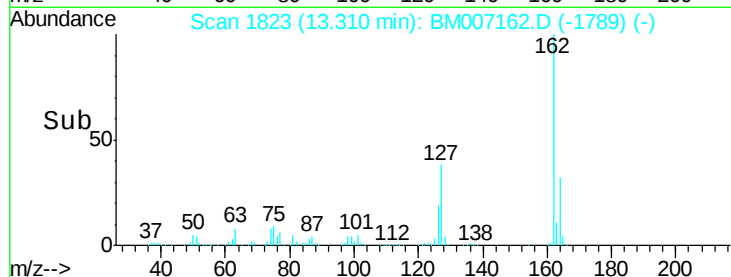
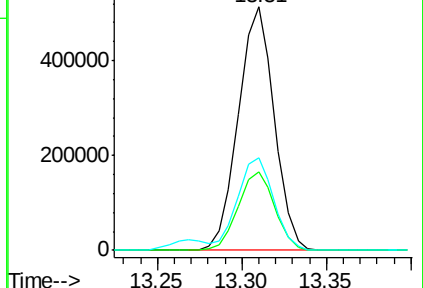
127 38.2 31.2 46.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#42

2-Nitroaniline

Concen: 21.21 ng/ul

RT: 13.52 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

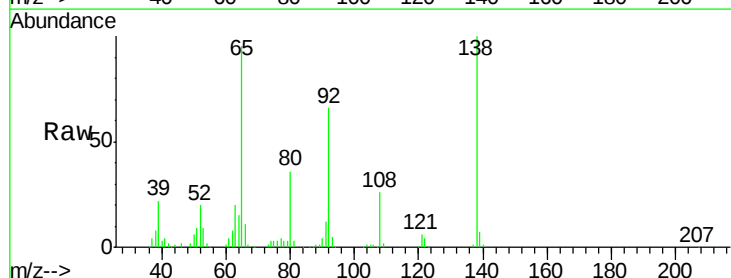
Tgt Ion: 65 Resp: 221273

Ion Ratio Lower Upper

65 100

92 69.2 55.6 83.4

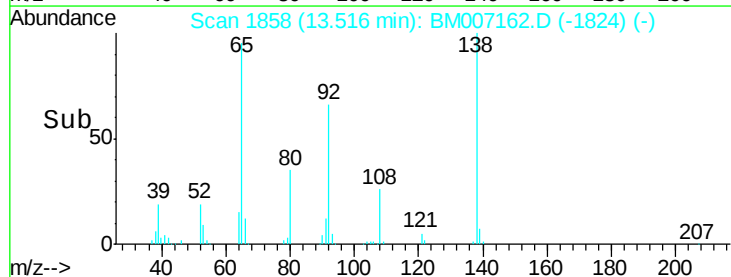
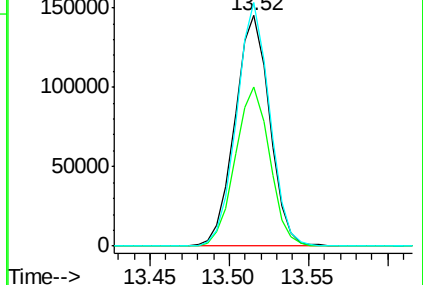
138 105.5 81.3 121.9

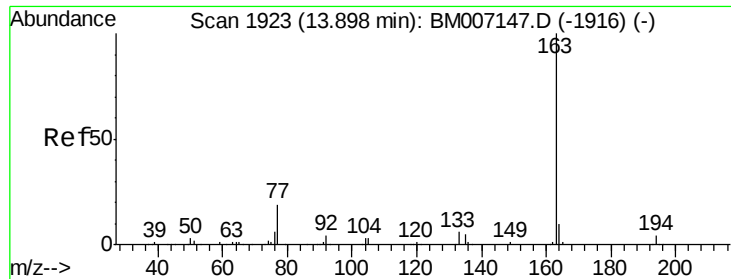


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E

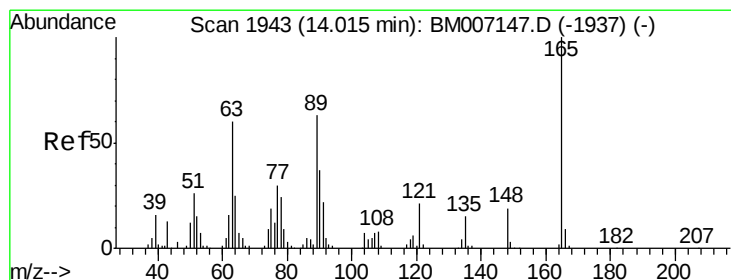
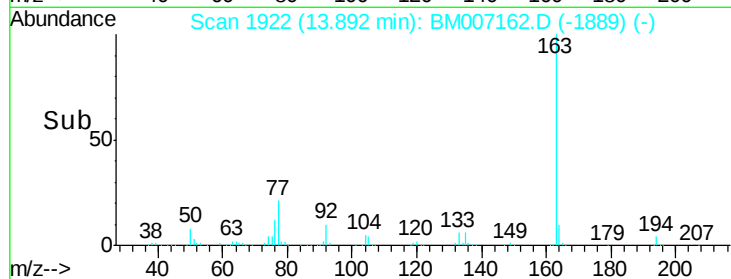
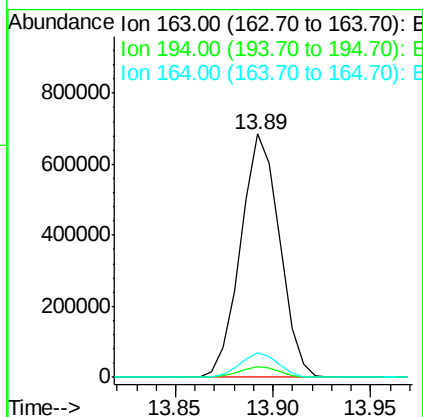
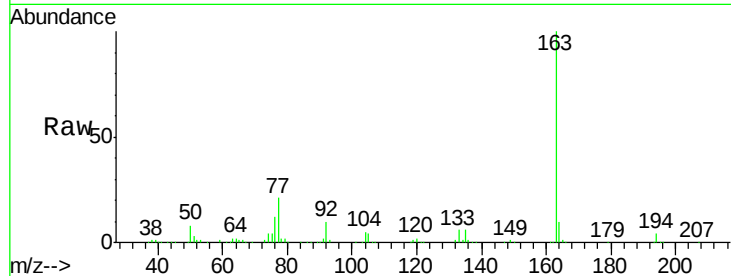




#44
Dimethylphthalate
Concen: 19.92 ng/ul
RT: 13.89 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM007162.D
Acq: 17 Aug 2016 03:26

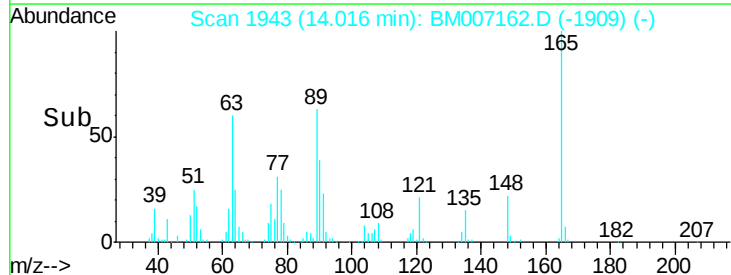
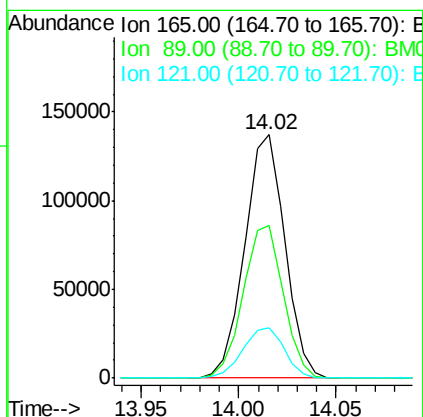
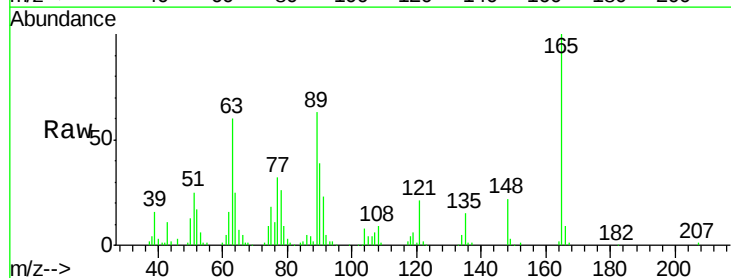
Instrument :
BNA_M
ClientSampleId :
SSTD02046

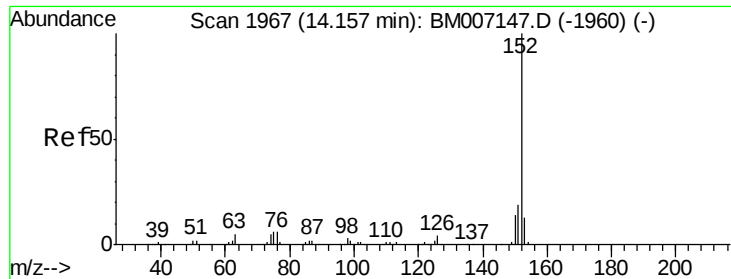
Tgt Ion:163 Resp: 950095
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.3 7.8 11.8



#45
2,6-Dinitrotoluene
Concen: 21.10 ng/ul
RT: 14.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BM007162.D
Acq: 17 Aug 2016 03:26

Tgt Ion:165 Resp: 195500
Ion Ratio Lower Upper
165 100
89 62.8 46.6 69.8
121 20.9 16.0 24.0





#47

Acenaphthylene

Concen: 20.61 ng/ul

RT: 14.16 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

Instrument :

BNA_M

ClientSampleId :

SSTD02046

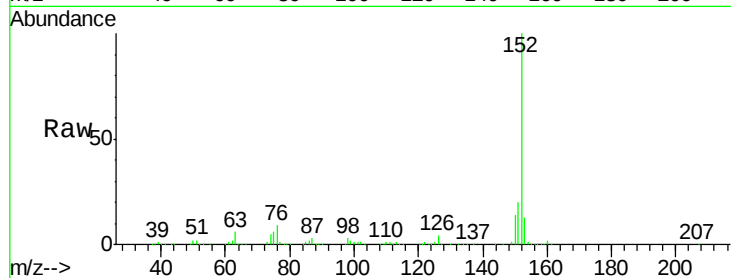
Tgt Ion:152 Resp: 1215848

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

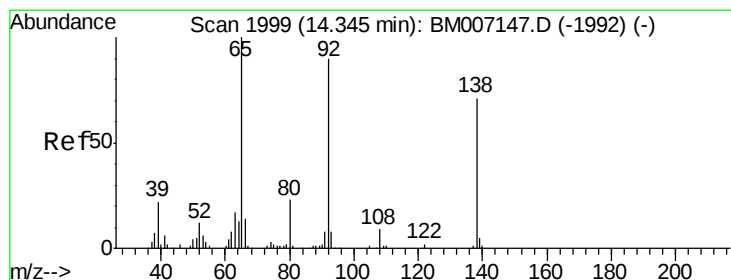
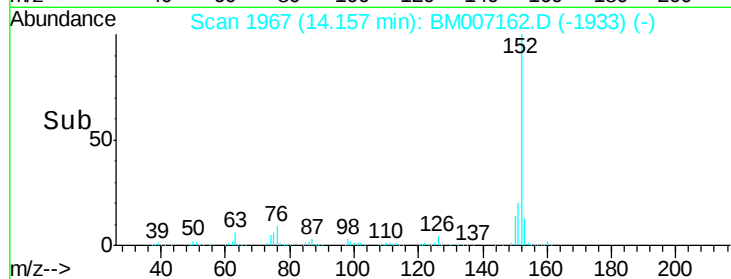
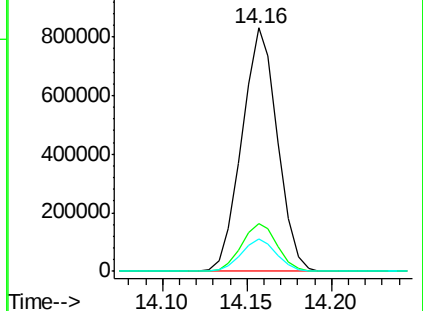
153 13.3 11.0 16.6



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: 20.82 ng/ul

RT: 14.34 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

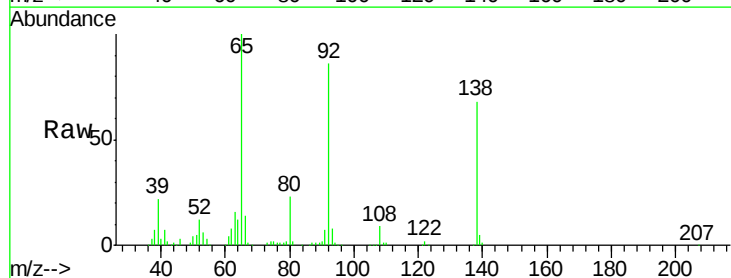
Tgt Ion:138 Resp: 190897

Ion Ratio Lower Upper

138 100

108 12.7 9.4 14.0

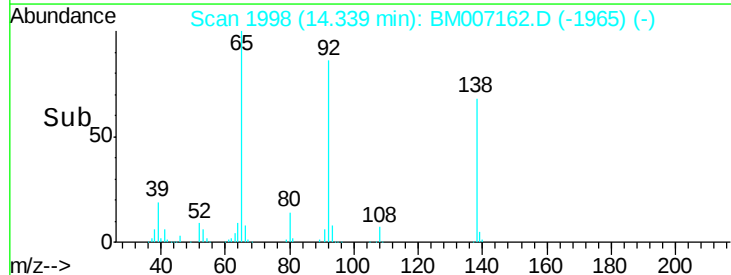
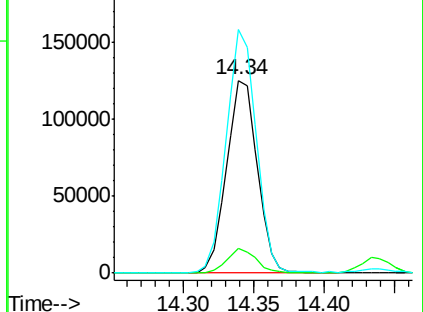
92 126.5 96.6 145.0

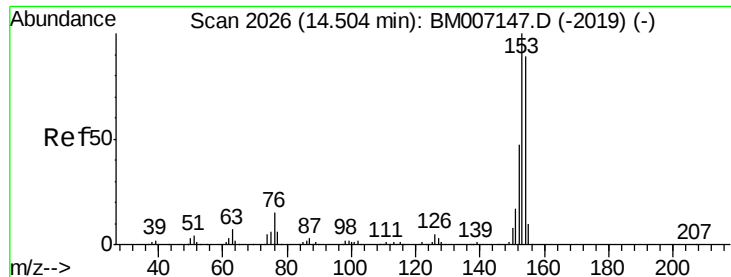


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.33 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

Instrument :

BNA_M

ClientSampleId :

SSTD02046

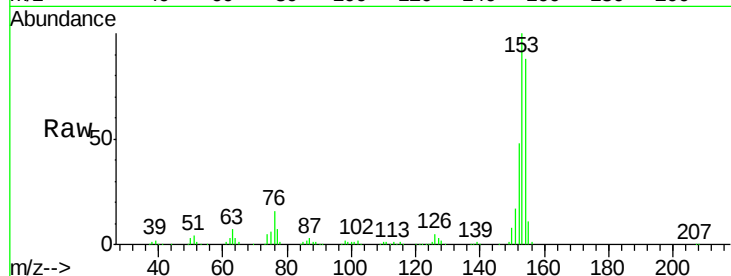
Tgt Ion:153 Resp: 778705

Ion Ratio Lower Upper

153 100

152 48.0 37.8 56.6

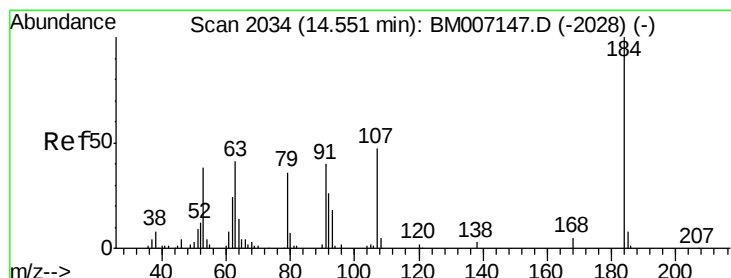
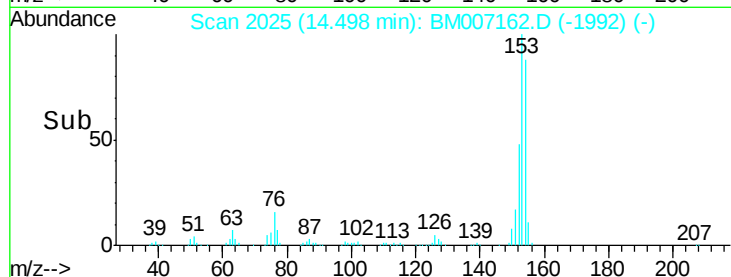
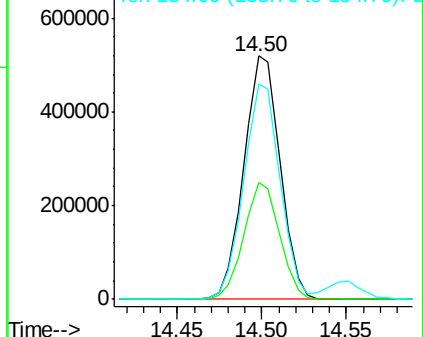
154 88.4 71.4 107.0



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: 16.42 ng/ul

RT: 14.55 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

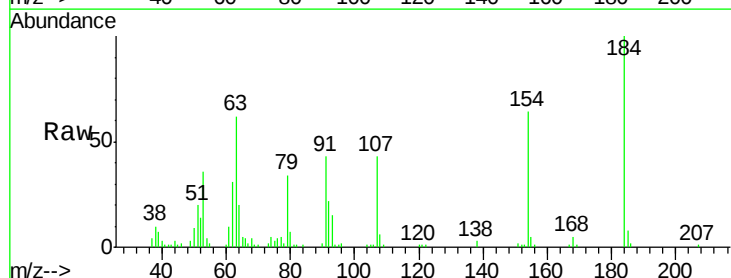
Tgt Ion:184 Resp: 90227

Ion Ratio Lower Upper

184 100

63 62.3 43.4 65.0

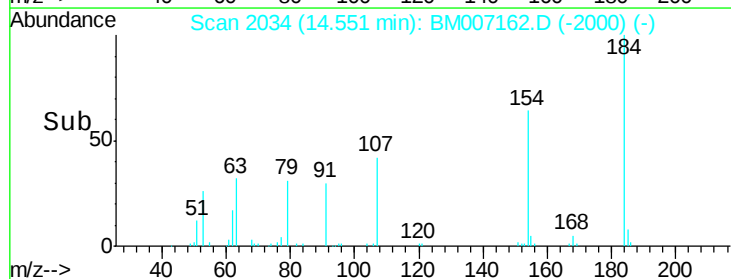
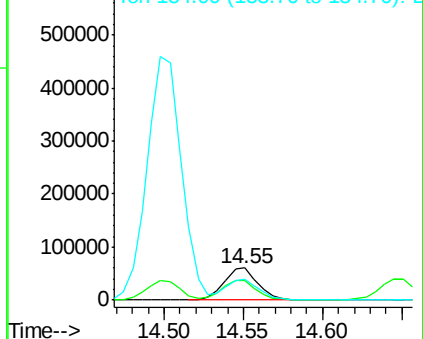
154 63.8 48.2 72.4

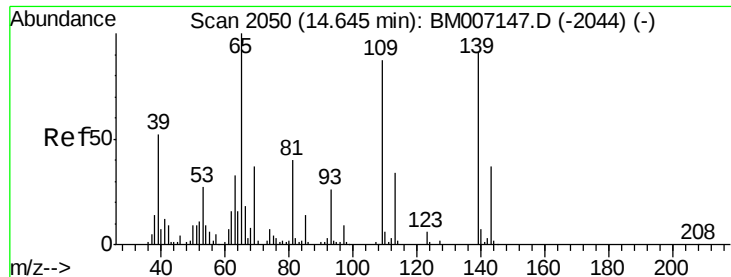


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.09 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

Instrument :

BNA_M

ClientSampleId :

SSTD02046

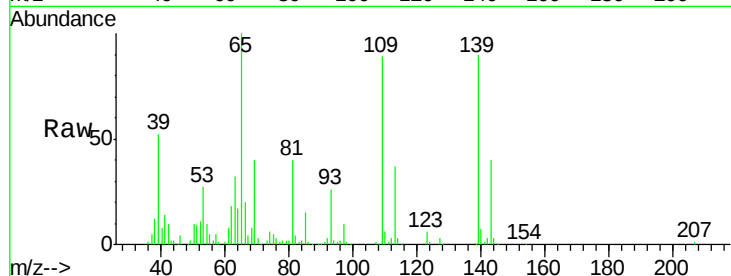
Tgt Ion:109 Resp: 165953

Ion Ratio Lower Upper

109 100

139 101.0 88.7 133.1

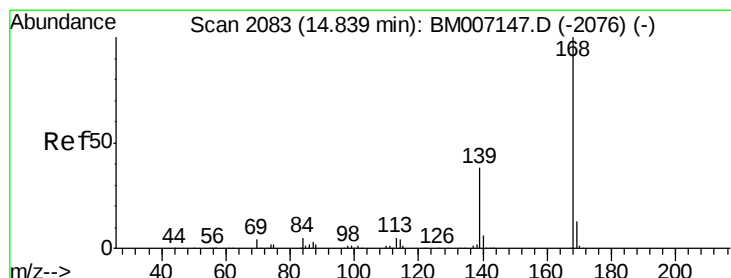
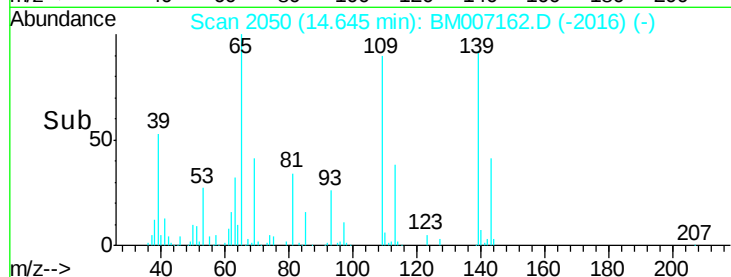
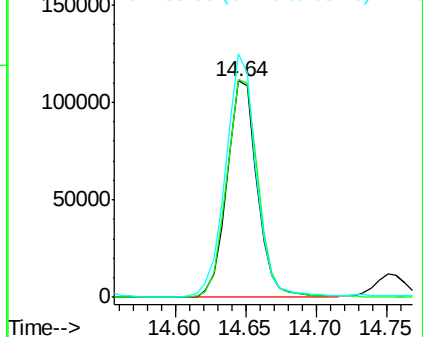
65 112.4 96.4 144.6



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: 20.13 ng/ul

RT: 14.83 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BM007162.D

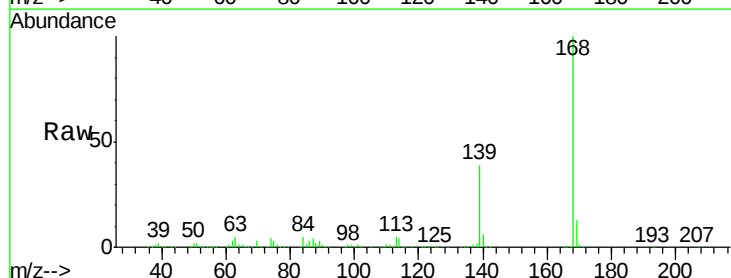
Acq: 17 Aug 2016 03:26

Tgt Ion:168 Resp: 1144697

Ion Ratio Lower Upper

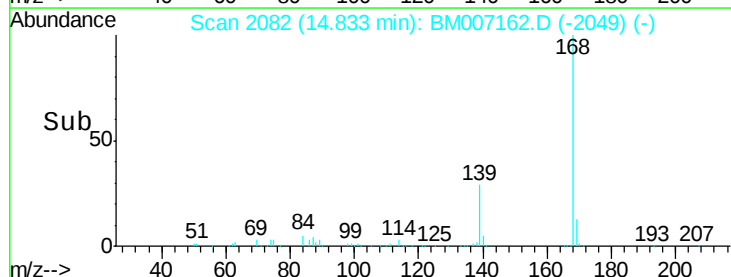
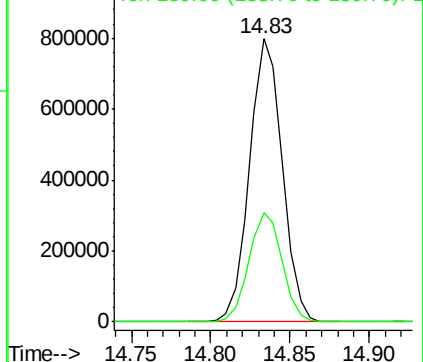
168 100

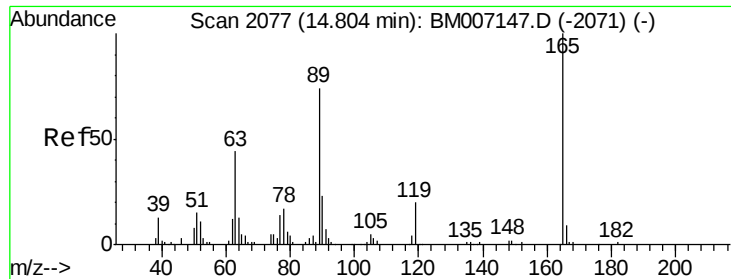
139 38.7 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

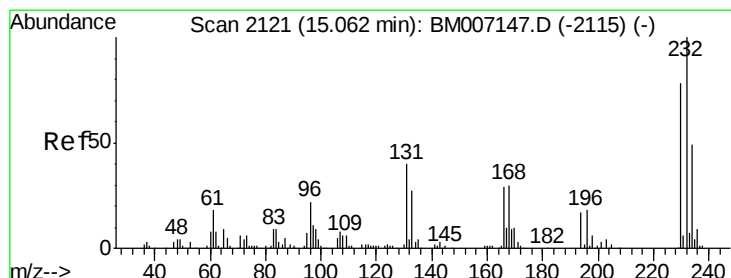
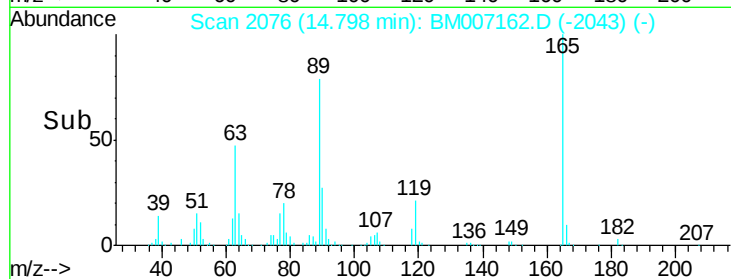
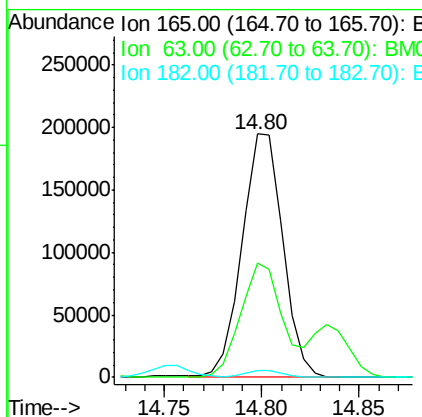
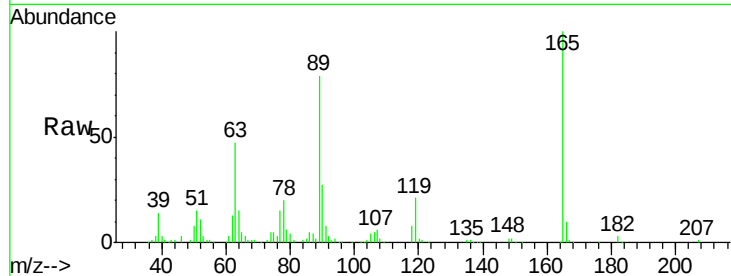




#54
 2,4-Dinitrotoluene
 Concen: 20.57 ng/ul
 RT: 14.80 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BM007162.D
 Acq: 17 Aug 2016 03:26

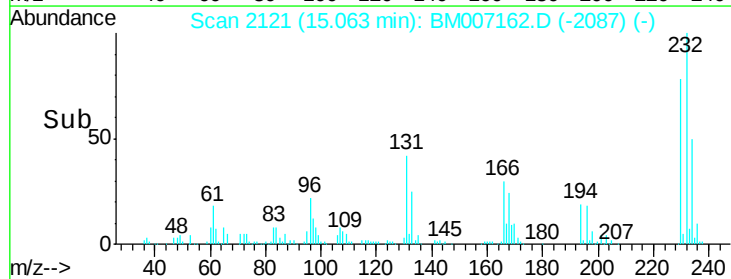
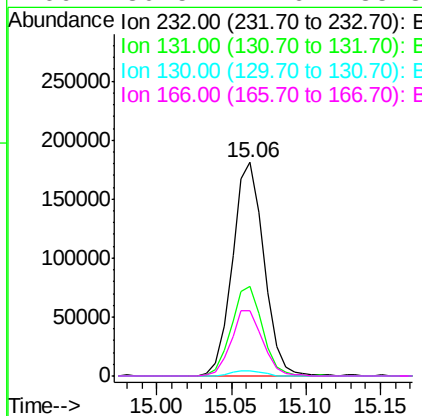
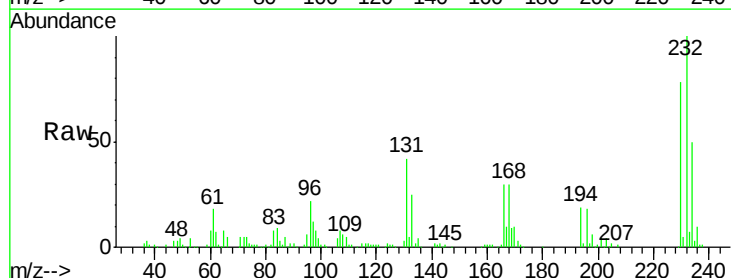
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02046

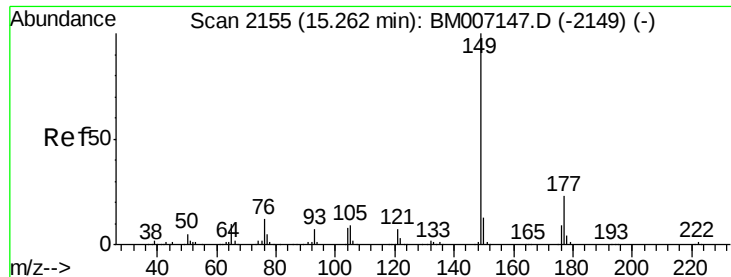
Tgt Ion:165 Resp: 281340
 Ion Ratio Lower Upper
 165 100
 63 46.8 36.2 54.2
 182 2.7 2.2 3.4



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.16 ng/ul
 RT: 15.06 min Scan# 2121
 Delta R.T. 0.00 min
 Lab File: BM007162.D
 Acq: 17 Aug 2016 03:26

Tgt Ion:232 Resp: 267294
 Ion Ratio Lower Upper
 232 100
 131 42.2 31.4 47.0
 130 2.5 1.6 2.4#
 166 30.5 22.6 33.8





#56

Diethylphthalate

Concen: 18.75 ng/ul

RT: 15.26 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

Instrument :

BNA_M

ClientSampleId :

SSTD02046

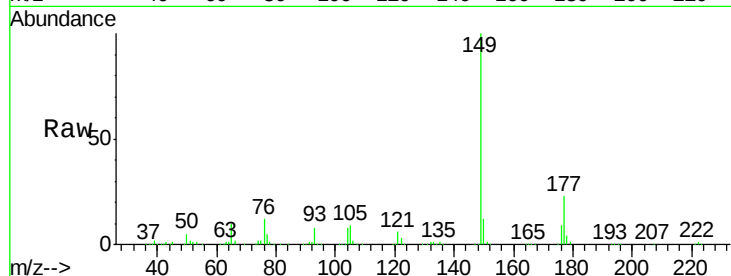
Tgt Ion:149 Resp: 943319

Ion Ratio Lower Upper

149 100

177 22.8 18.6 28.0

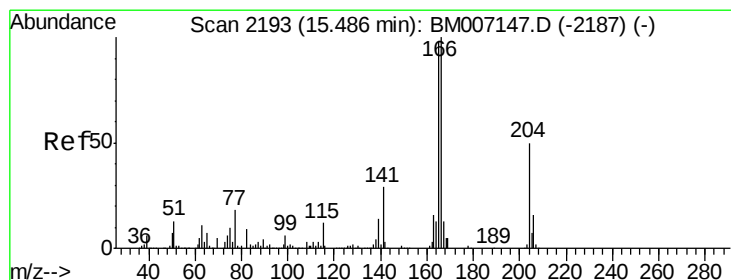
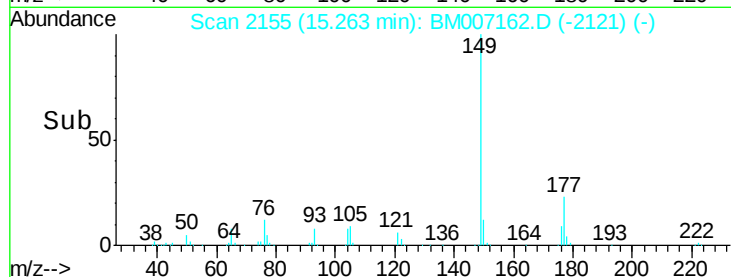
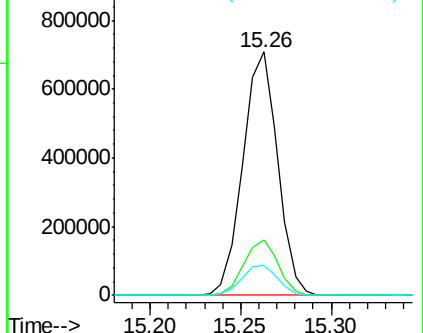
150 12.2 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 19.86 ng/ul

RT: 15.49 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

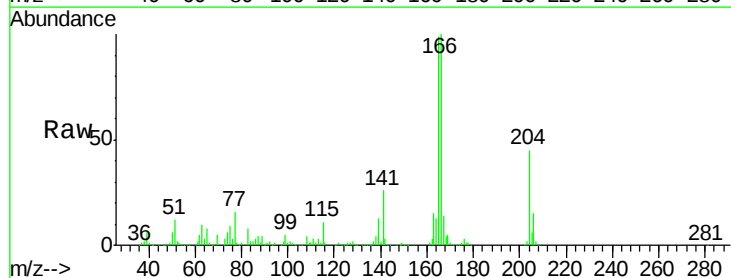
Tgt Ion:166 Resp: 910439

Ion Ratio Lower Upper

166 100

165 98.8 79.9 119.9

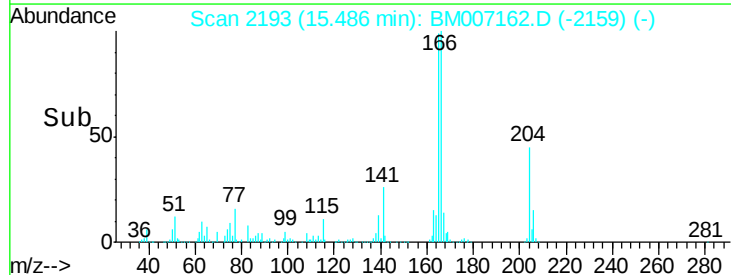
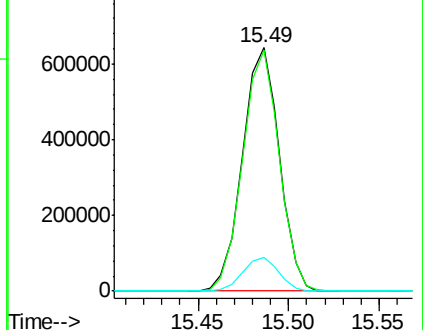
167 13.6 10.5 15.7

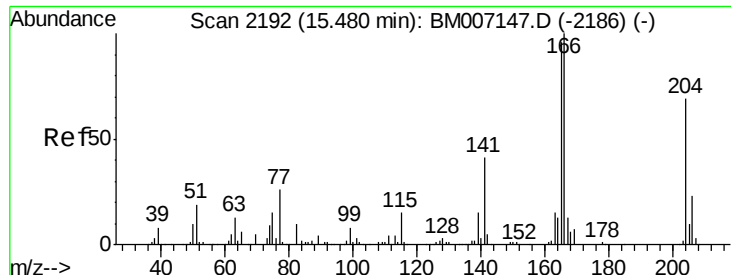


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

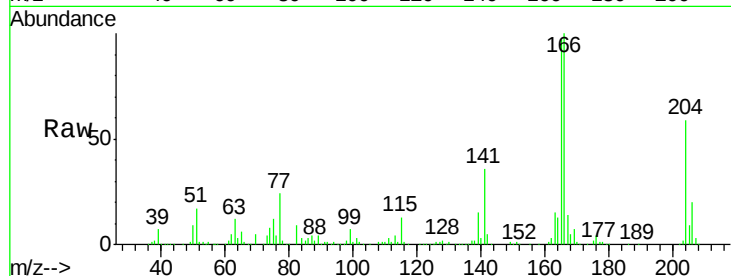




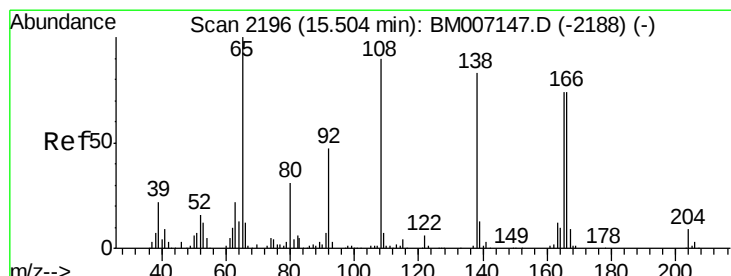
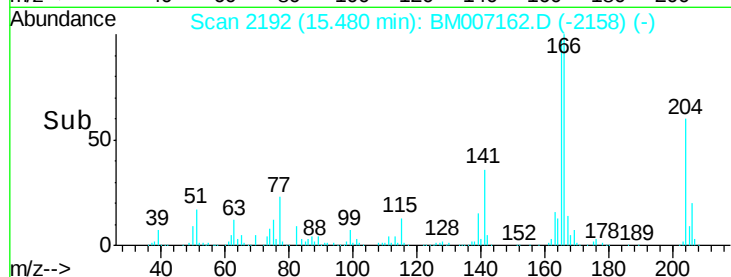
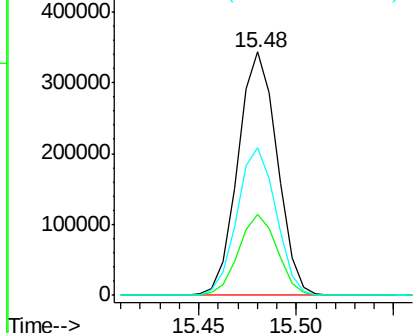
#59
 4-Chlorophenyl-phenylether
 Concen: 19.77 ng/ul
 RT: 15.48 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BM007162.D
 Acq: 17 Aug 2016 03:26

Instrument :
 BNA_M
 ClientSampleId :
 SST02046

Tgt Ion: 204 Resp: 478552
 Ion Ratio Lower Upper
 204 100
 206 33.4 25.9 38.9
 141 60.6 46.1 69.1

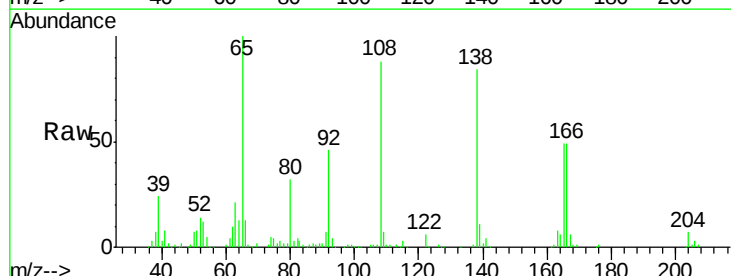


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

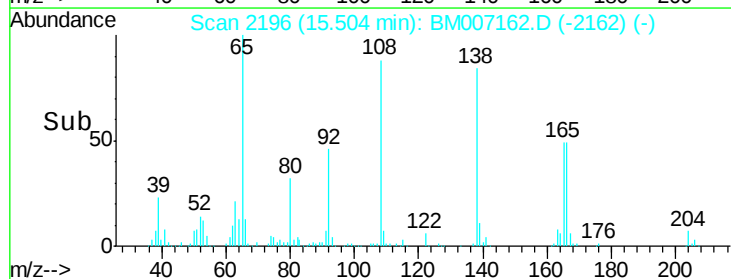
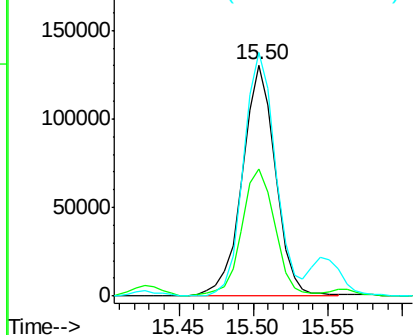


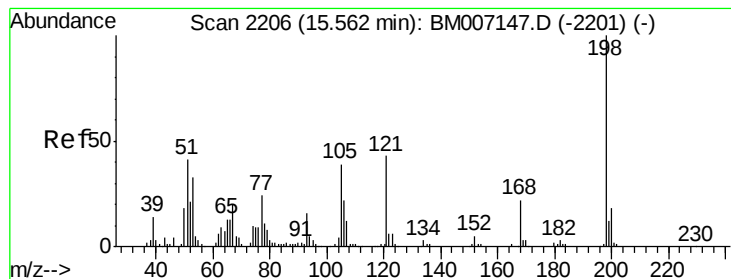
#60
 4-Nitroaniline
 Concen: 18.72 ng/ul
 RT: 15.50 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BM007162.D
 Acq: 17 Aug 2016 03:26

Tgt Ion: 138 Resp: 201182
 Ion Ratio Lower Upper
 138 100
 92 55.1 43.5 65.3
 108 105.3 80.3 120.5



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





#63

4,6-Dinitro-2-methylphenol

Concen: 18.98 ng/ul

RT: 15.56 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

Instrument :

BNA_M

ClientSampleId :

SSTD02046

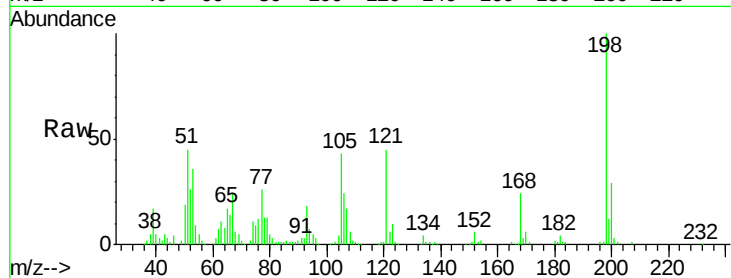
Tgt Ion:198 Resp: 154135

Ion Ratio Lower Upper

198 100

182 4.0 3.3 4.9

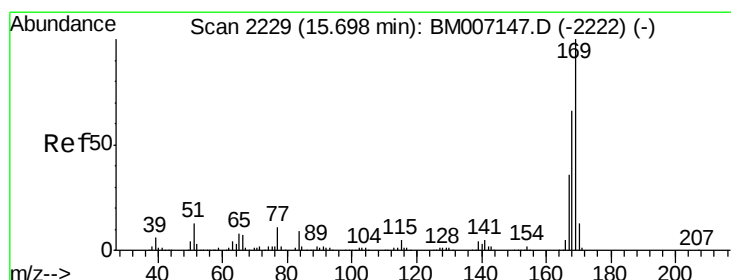
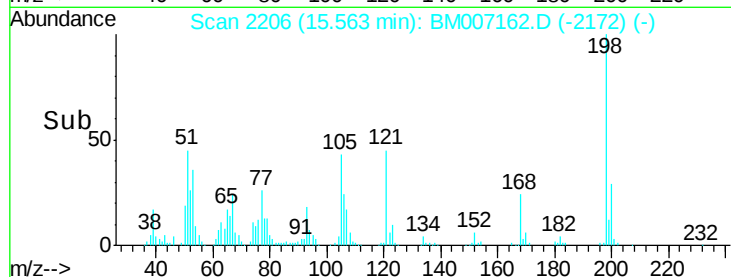
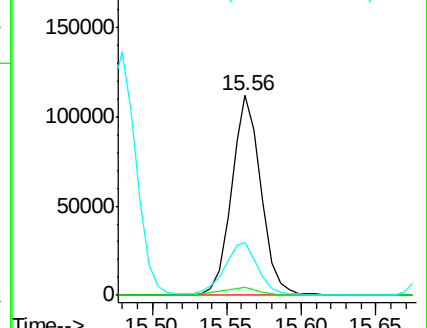
77 26.2 21.8 32.6



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): B



#64

N-Nitrosodiphenylamine

Concen: 20.88 ng/ul

RT: 15.69 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BM007162.D

Acq: 17 Aug 2016 03:26

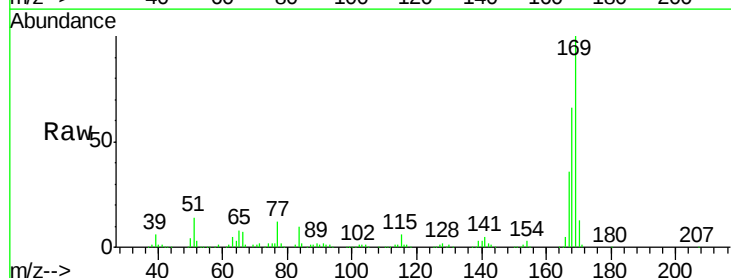
Tgt Ion:169 Resp: 798355

Ion Ratio Lower Upper

169 100

168 65.8 52.6 79.0

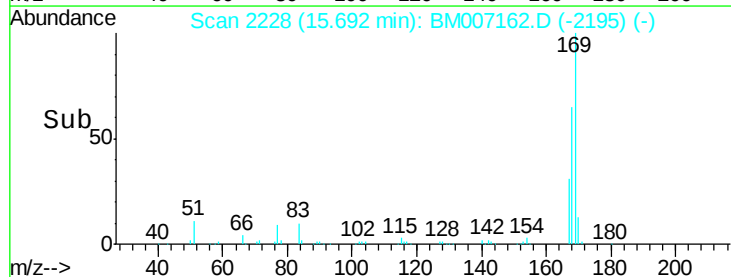
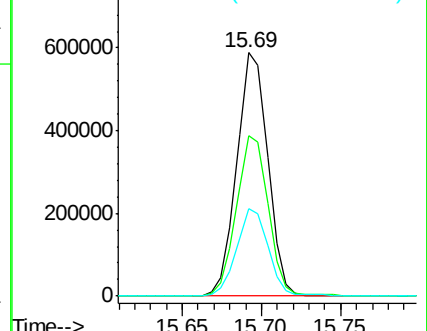
167 36.2 28.6 43.0

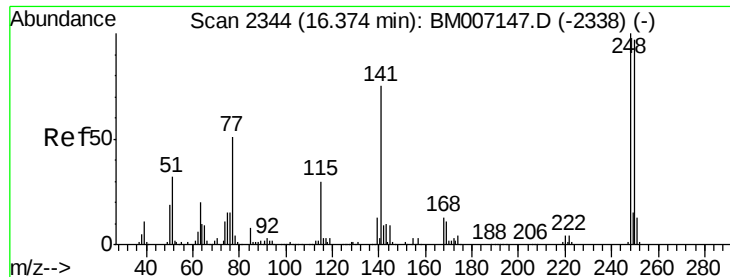


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

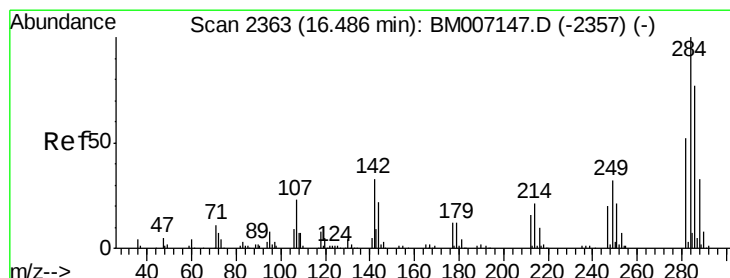
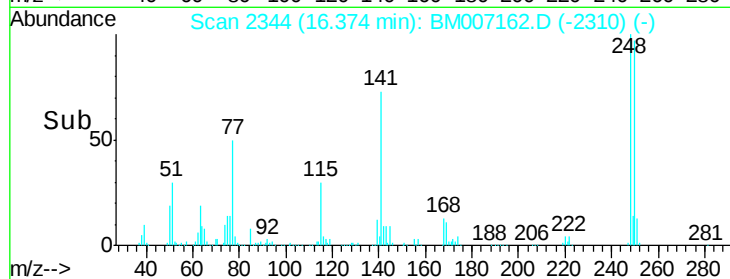
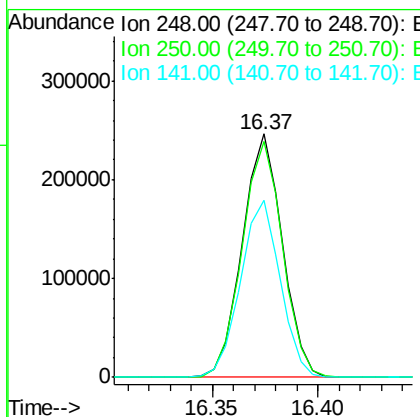
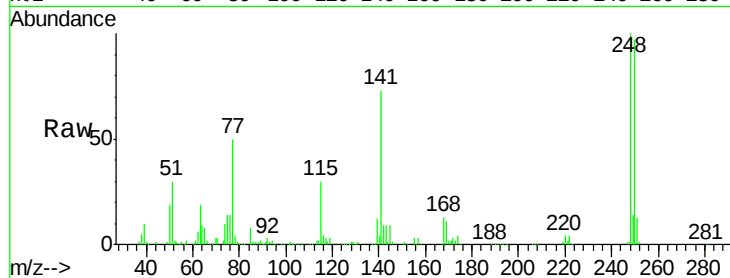




#65
4-Bromophenyl-phenylether
Concen: 21.19 ng/ul
RT: 16.37 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BM007162.D
Acq: 17 Aug 2016 03:26

Instrument :
BNA_M
ClientSampleId :
SSTD02046

Tgt Ion:248 Resp: 324183
Ion Ratio Lower Upper
248 100
250 96.9 79.7 119.5
141 72.6 58.3 87.5



#66
Hexachlorobenzene
Concen: 20.93 ng/ul
RT: 16.49 min Scan# 2363
Delta R.T. 0.00 min
Lab File: BM007162.D
Acq: 17 Aug 2016 03:26

Tgt Ion:284 Resp: 362226
Ion Ratio Lower Upper
284 100
142 32.8 24.9 37.3
249 31.1 25.5 38.3

