

Data Path : Z:\HPCHEM1\BNA M\Data\BM011018\
 Data File : BM013560.D
 Acq On : 10 Jan 2018 11:01
 Operator : SJ/JU
 Sample : SSTD04011
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04011

Quant Time: Jan 10 12:09:58 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 10 12:03:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.628	152	113436	20.00	ng/ul	0.00
18) Naphthalene-d8	10.404	136	446722	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.275	164	265049	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.027	188	611619	20.00	ng/ul	0.00
75) Chrysene-d12	21.221	240	680221	20.00	ng/ul	0.00
83) Perylene-d12	23.427	264	658997	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.163	96	43065	18.80	ng/uL	0.00
5) Phenol-d5	6.810	99	356920	36.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.969	67	213672	38.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.163	132	297170	38.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.340	113	274639	32.76	ng/ul	0.00
19) Nitrobenzene-d5	8.781	128	144223	40.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.498	143	155070	40.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.034	165	302024	38.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.551	131	292859	40.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.692	166	885025	37.52	ng/ul	0.00
46) Acenaphthylene-d8	13.969	160	1151748	39.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.504	143	148088	36.14	ng/ul	0.00
57) Fluorene-d10	15.274	176	786533	38.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	15.410	200	153132	39.80	ng/ul	0.00
70) Anthracene-d10	17.127	188	1241131	40.52	ng/ul	0.00
76) Pyrene-d10	19.427	212	1342220	39.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.286	264	1271334	37.87	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.199	88	47492	18.47	ng/uL#	64
4) Benzaldehyde	6.781	77	265246	54.62	ng/ul#	87
6) Phenol	6.834	94	356071	36.70	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.063	93	280428	37.80	ng/ul	98
10) 2-Chlorophenol	7.193	128	291019	38.70	ng/ul	95
11) 2-Methylphenol	8.069	108	259236	34.55	ng/ul	98
12) 2,2'-oxybis(1-Chloropr...	8.163	45	284618	36.54	ng/ul#	80
14) Acetophenone	8.451	105	450461	35.33	ng/ul	90
15) N-Nitroso-di-n-propyla...	8.440	70	225764	35.15	ng/ul#	73
16) 4-Methylphenol	8.404	108	284094	35.40	ng/ul	93
17) Hexachloroethane	8.687	117	139608	42.64	ng/ul#	74
20) Nitrobenzene	8.822	77	362053	40.57	ng/ul	96
21) Isophorone	9.351	82	600075	38.21	ng/ul	96
23) 2-Nitrophenol	9.528	139	160560	40.85	ng/ul#	82
24) 2,4-Dimethylphenol	9.592	107	336618	39.26	ng/ul	94
25) Bis(2-Chloroethoxy)met...	9.834	93	364967	39.71	ng/ul	93
27) 2,4-Dichlorophenol	10.057	162	285978	39.63	ng/ul	95
28) Naphthalene	10.451	128	917482	39.92	ng/ul	98
30) 4-Chloroaniline	10.575	127	284227	40.88	ng/ul	91
31) Hexachlorobutadiene	10.734	225	223509	42.75	ng/ul	94
32) Caprolactam	11.357	113	52398	22.72	ng/ul#	35
33) 4-Chloro-3-methylphenol	11.710	107	293659	37.09	ng/ul	97
34) 2-Methylnaphthalene	12.075	142	684181	39.60	ng/ul	97

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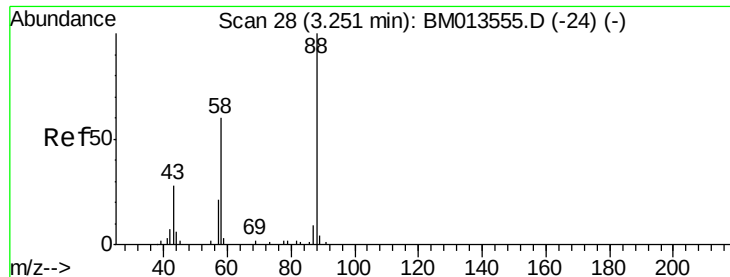
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 1,2,4,5-Tetrachloroben...	12.451	216	397662	41.58	ng/ul	99
37) Hexachlorocyclopentadiene	12.422	237	169326	26.90	ng/ul	99
38) 2,4,6-Trichlorophenol	12.698	196	244114	40.94	ng/ul	95
39) 2,4,5-Trichlorophenol	12.775	196	250077	39.49	ng/ul	95
40) 1,1'-Biphenyl	13.104	154	907443	40.51	ng/ul	99
41) 2-Chloronaphthalene	13.139	162	711226	40.47	ng/ul	98
42) 2-Nitroaniline	13.363	65	201689	39.17	ng/ul	94
44) Dimethylphthalate	13.745	163	858671	38.06	ng/ul	100
45) 2,6-Dinitrotoluene	13.863	165	179842	39.09	ng/ul	98
47) Acenaphthylene	13.998	152	1058091	39.28	ng/ul	99
48) 3-Nitroaniline	14.198	138	145429	35.36	ng/ul	81
49) Acenaphthene	14.339	153	720902	39.29	ng/ul	99
50) 2,4-Dinitrophenol	14.410	184	94062	36.94	ng/ul#	85
52) 4-Nitrophenol	14.516	109	145357	36.16	ng/ul#	82
53) Dibenzofuran	14.680	168	1075902	39.72	ng/ul	98
54) 2,4-Dinitrotoluene	14.663	165	262315	39.19	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.910	232	236097	40.66	ng/ul#	87
56) Diethylphthalate	15.116	149	891123	39.39	ng/ul	95
58) Fluorene	15.333	166	892578	39.83	ng/ul	99
59) 4-Chlorophenyl-phenyle...	15.327	204	466498	38.36	ng/ul	97
60) 4-Nitroaniline	15.363	138	165049	34.02	ng/ul	97
63) 4,6-Dinitro-2-methylph...	15.427	198	161650	42.04	ng/ul	96
64) N-Nitrosodiphenylamine	15.545	169	753000	41.79	ng/ul	96
65) 4-Bromophenyl-phenylether	16.221	248	299292	41.63	ng/ul	95
66) Hexachlorobenzene	16.333	284	314155	39.62	ng/ul#	89
67) Atrazine	16.504	200	297500	44.74	ng/ul	92
68) Pentachlorophenol	16.680	266	172063	37.52	ng/ul	94
69) Phenanthrene	17.068	178	1391957	40.06	ng/ul	99
71) Anthracene	17.163	178	1461317	41.14	ng/ul	99
72) Carbazole	17.439	167	1185194	38.80	ng/ul	100
73) Di-n-butylphthalate	18.004	149	1474016	41.33	ng/ul	99
74) Fluoranthene	19.092	202	1660068	38.99	ng/ul#	92
77) Pyrene	19.457	202	1751893	42.39	ng/ul#	91
78) Butylbenzylphthalate	20.368	149	649007	40.19	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.145	252	503717	35.23	ng/ul#	95
80) Benzo(a)anthracene	21.209	228	1724096	39.95	ng/ul	99
81) Bis(2-ethylhexyl)phtha...	21.145	149	969302	39.83	ng/ul#	98
82) Chrysene	21.262	228	1526021	38.11	ng/ul	100
84) Di-n-octyl phthalate	22.015	149	1601407	34.17	ng/ul	99
85) Benzo(b)fluoranthene	22.768	252	1747995	39.35	ng/ul#	97
86) Benzo(k)fluoranthene	22.809	252	1584830	37.91	ng/ul#	98
88) Benzo(a)pyrene	23.333	252	1593110	39.92	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.633	276	1828861	46.19	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.644	278	1540213	45.68	ng/ul#	95
91) Benzo(g,h,i)perylene	26.309	276	1499617	48.01	ng/ul#	95

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



#2

1,4-Dioxane

Concen: 18.47 ng/uL

RT: 3.199 min Scan# 19

Delta R.T. -0.006 min

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BNA_M

ClientSampleId :

SSTD04011

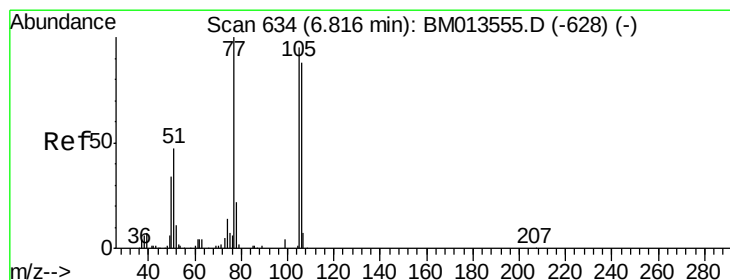
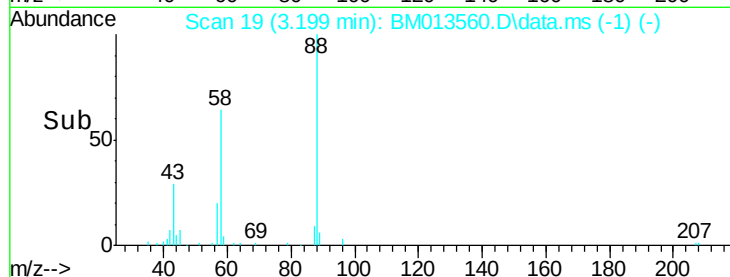
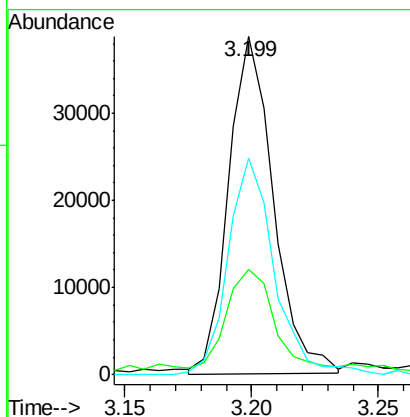
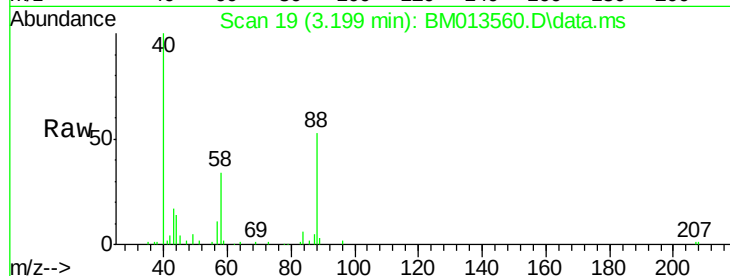
Tot Ion: 88 Resp: 47492

Ion Ratio Lower Upper

88 100

43 32.0 48.0 72.0#

58 65.1 80.0 120.0#



#4

Benzaldehyde

Concen: 54.62 ng/uL

RT: 6.781 min Scan# 628

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

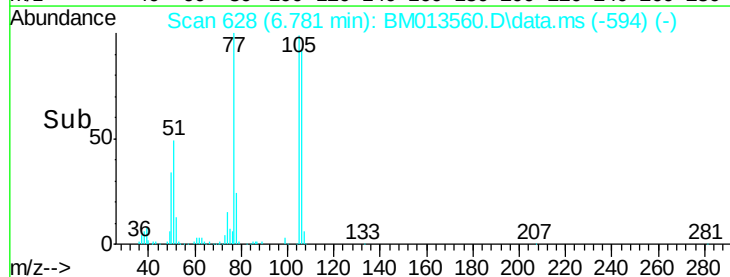
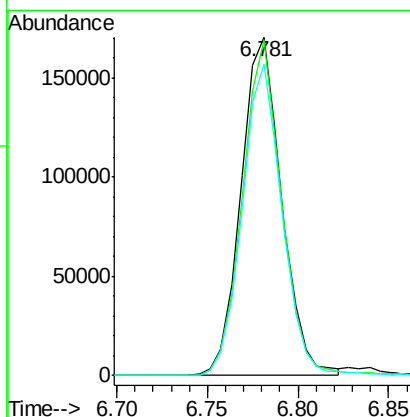
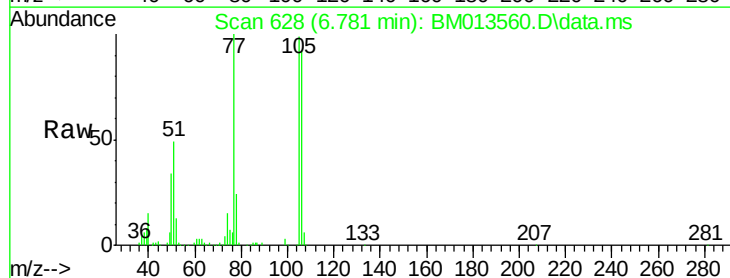
Tgt Ion: 77 Resp: 265246

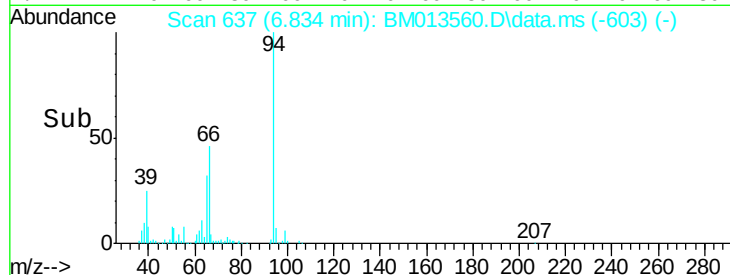
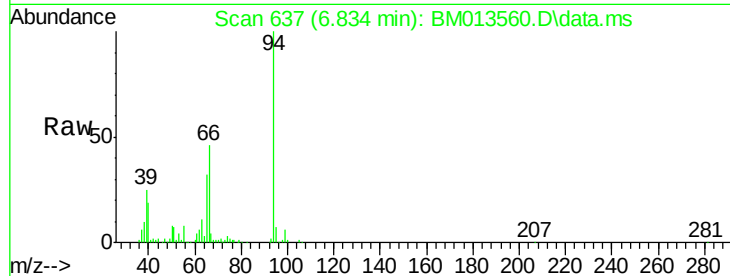
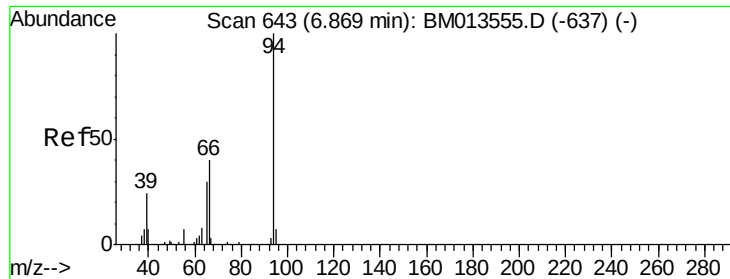
Ion Ratio Lower Upper

77 100

105 99.1 66.1 99.1#

106 92.0 67.8 101.6





#6

Phenol

Concen: 36.70 ng/ul

RT: 6.834 min Scan# 63

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Instrument :

BNA_M

ClientSampleId :

SSTD04011

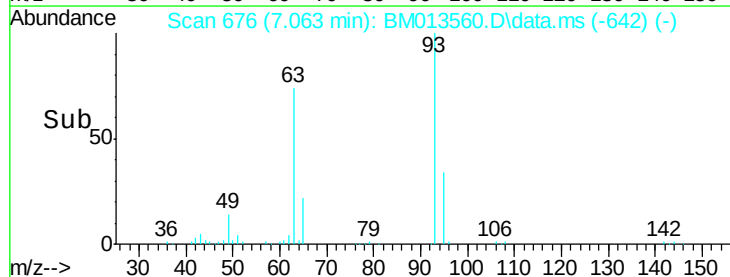
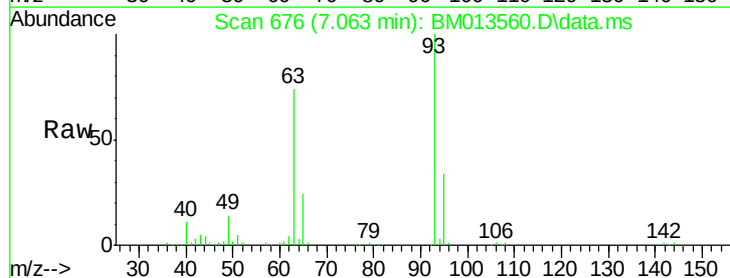
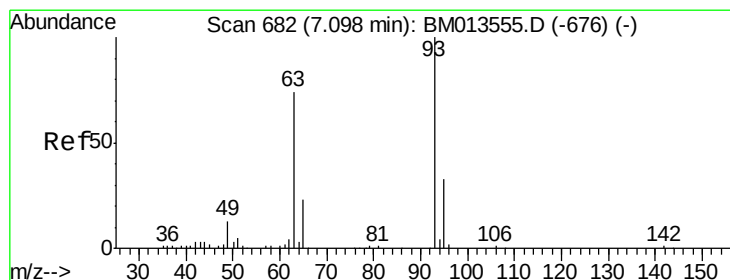
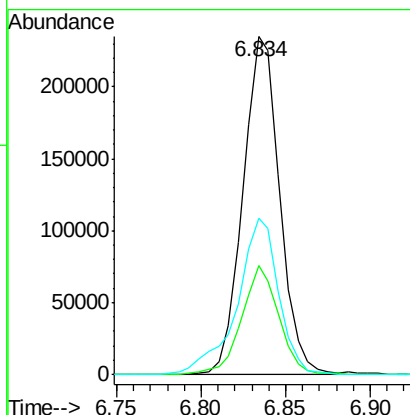
Tot Ion: 94 Resp: 356071

Ion Ratio Lower Upper

94 100

65 32.3 28.2 42.4

66 46.1 47.2 70.8#



#8

Bis(2-Chloroethyl)ether

Concen: 37.80 ng/ul

RT: 7.063 min Scan# 676

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

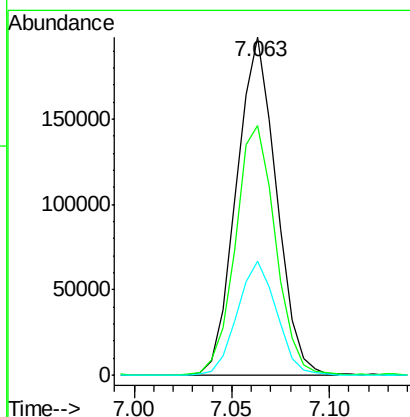
Tgt Ion: 93 Resp: 280428

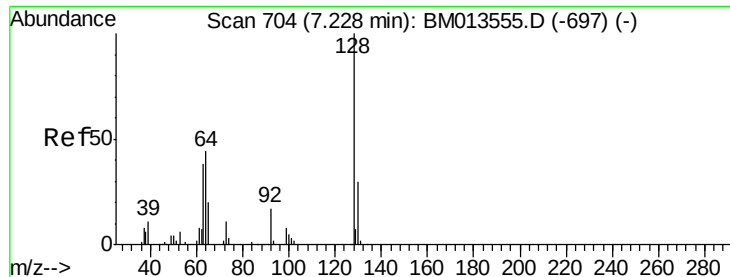
Ion Ratio Lower Upper

93 100

63 74.0 57.3 85.9

95 33.8 26.6 39.8

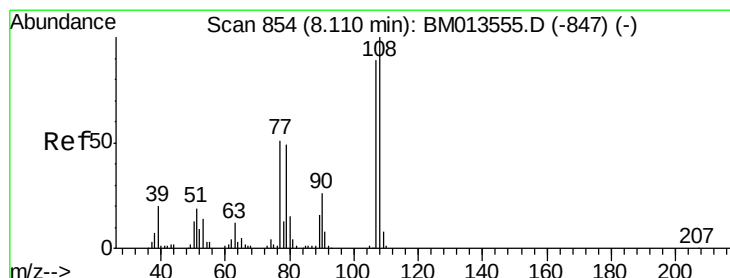
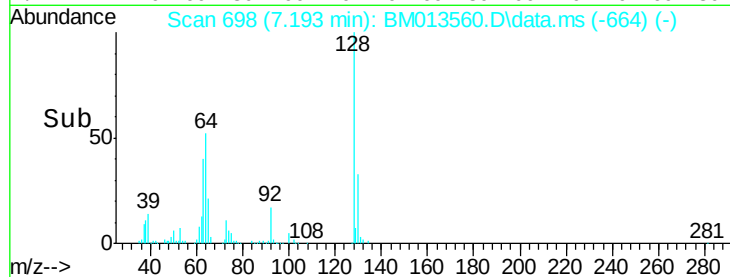
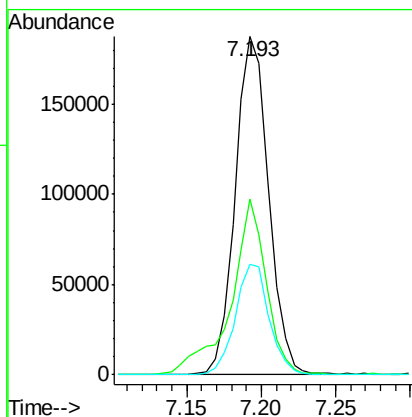
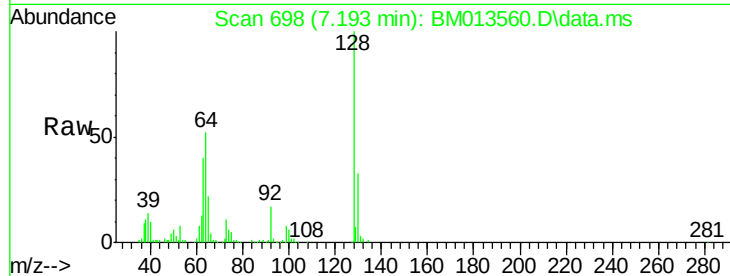




#10
2-Chlorophenol
Concen: 38.70 ng/ul
RT: 7.193 min Scan# 69
Delta R.T. -0.000 min
Lab File: BM013560.D
Acq: 10 Jan 2018 11:01

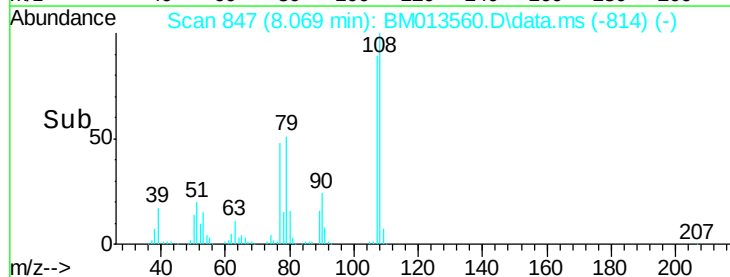
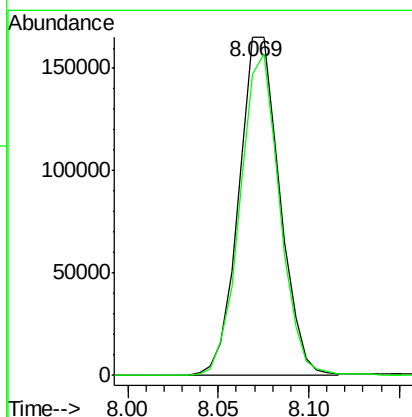
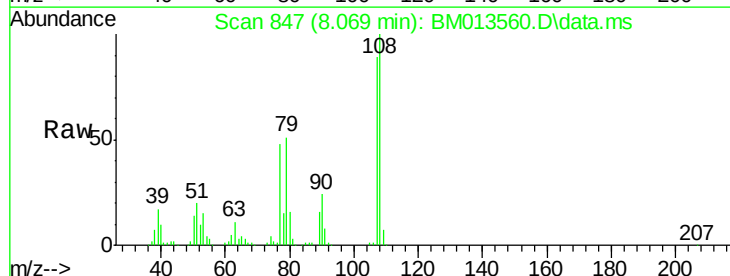
Instrument :
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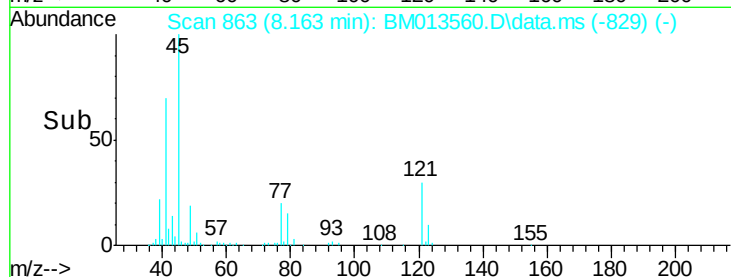
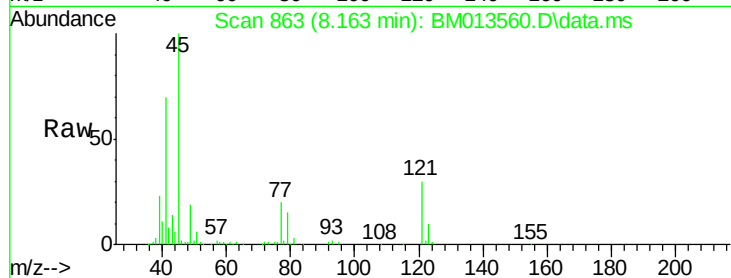
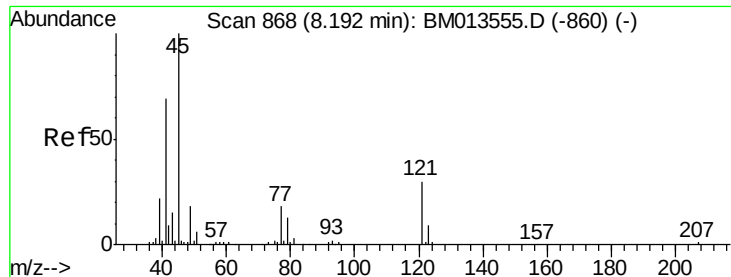
Tot Ion	Ratio	Lower	Upper
128	100		
64	51.9	38.0	57.0
130	32.6	24.4	36.6



#11
2-Methylphenol
Concen: 34.55 ng/ul
RT: 8.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BM013560.D
Acq: 10 Jan 2018 11:01

Tgt Ion	Ratio	Lower	Upper
108	100		
107	88.9	72.6	108.8

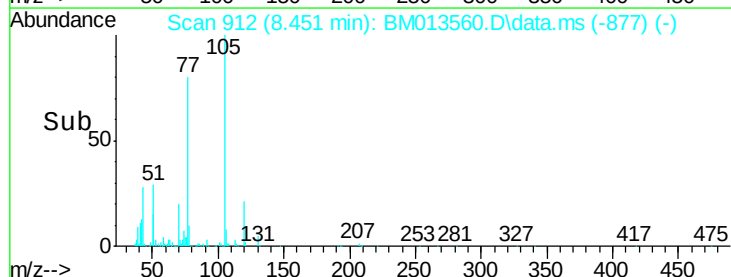
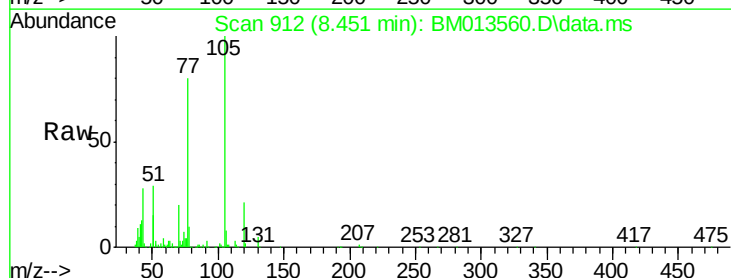
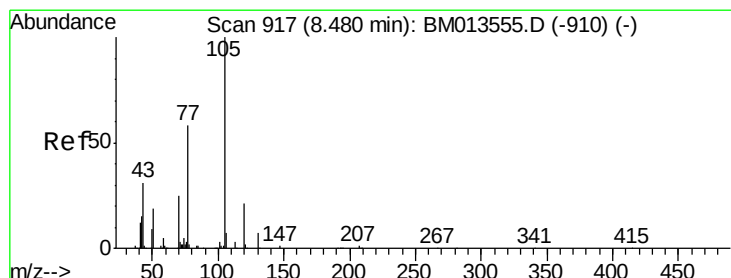
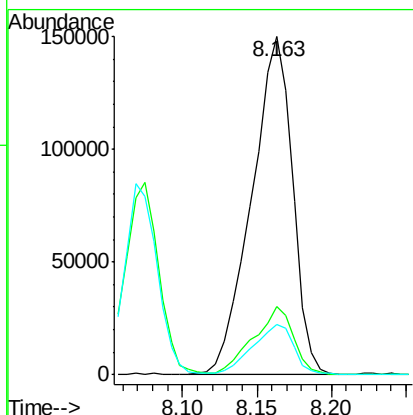




#12
2,2'-oxybis(1-Chloropropane)
Concen: 36.54 ng/ul
RT: 8.163 min Scan# 86
Delta R.T. -0.000 min
Lab File: BM013560.D
Acq: 10 Jan 2018 11:01

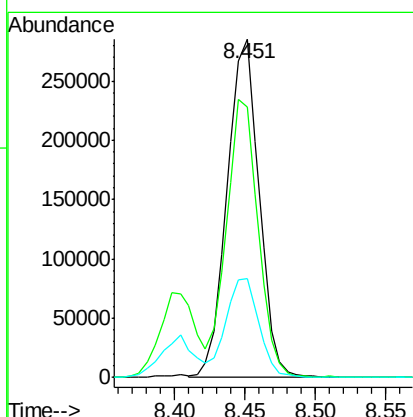
Instrument :
BNA_M
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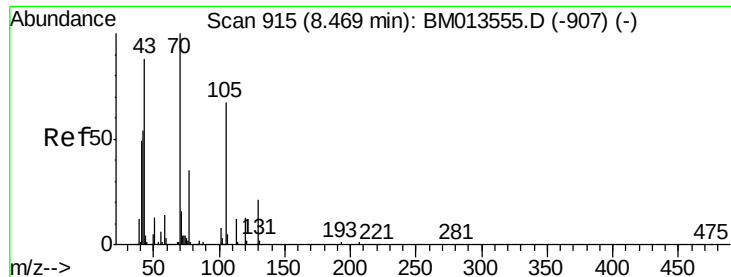
Tot Ion	45	Resp	284618
Ion Ratio	Lower	Upper	
45	100		
77	20.1	8.0	12.0#
79	14.8	8.0	12.0#



#14
Acetophenone
Concen: 35.33 ng/ul
RT: 8.451 min Scan# 912
Delta R.T. 0.006 min
Lab File: BM013560.D
Acq: 10 Jan 2018 11:01

Tgt Ion	105	Resp	450461
Ion Ratio	Lower	Upper	
105	100		
77	79.9	74.2	111.4
51	29.4	23.4	35.2





#15

N-Nitroso-di-n-propylamine

Concen: 35.15 ng/ul

RT: 8.440 min Scan# 91

Delta R.T. 0.006 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Instrument :

BNA_M

ClientSampled :

SSTD04011

Tot Ion: 70 Resp: 225764

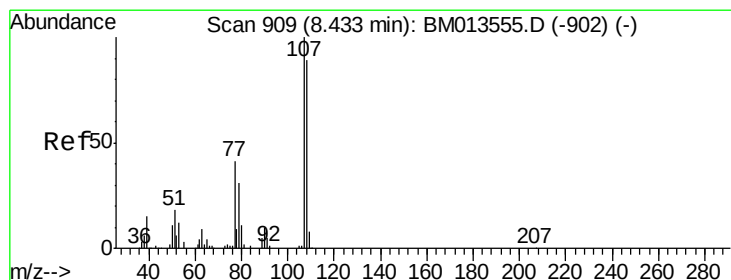
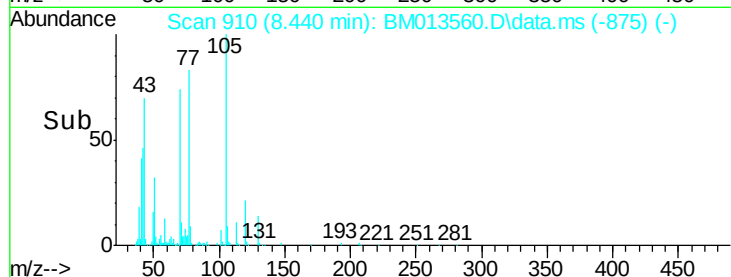
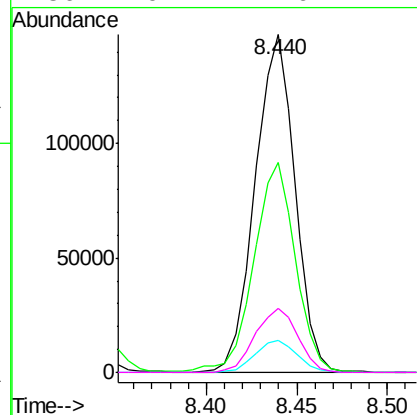
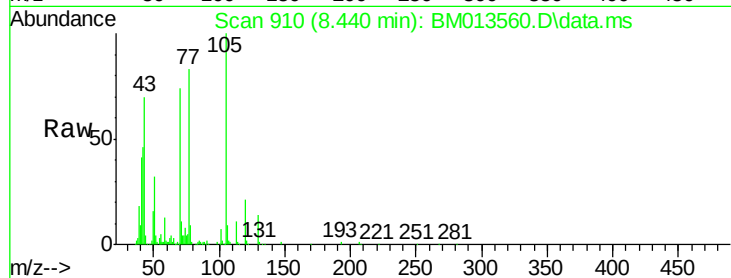
Ion Ratio Lower Upper

70 100

42 62.1 76.0 114.0#

101 9.4 6.7 10.1

130 19.1 14.6 22.0



#16

4-Methylphenol

Concen: 35.40 ng/ul

RT: 8.404 min Scan# 904

Delta R.T. 0.006 min

Lab File: BM013560.D

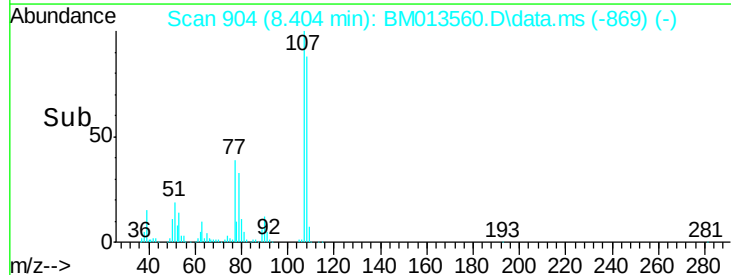
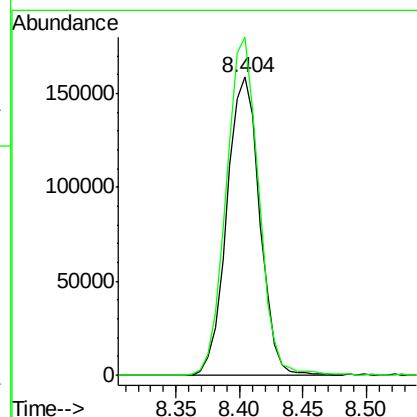
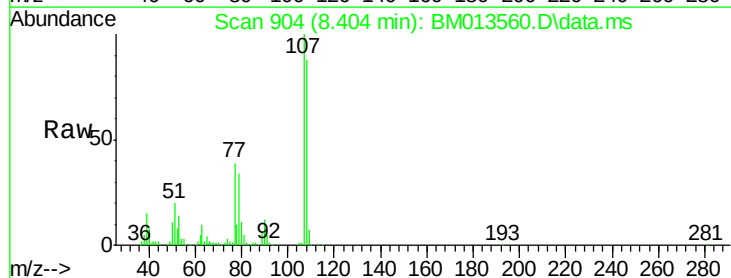
Acq: 10 Jan 2018 11:01

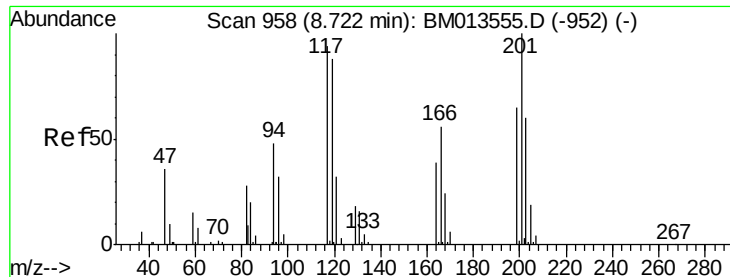
Tgt Ion: 108 Resp: 284094

Ion Ratio Lower Upper

108 100

107 113.5 84.9 127.3

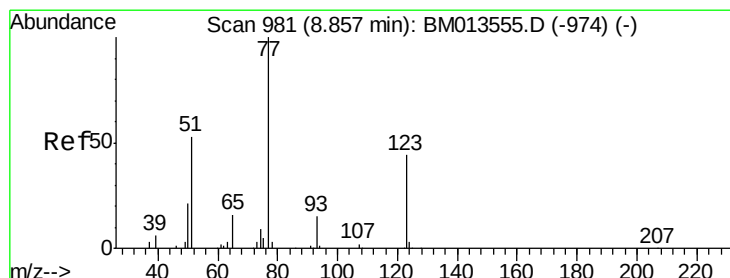
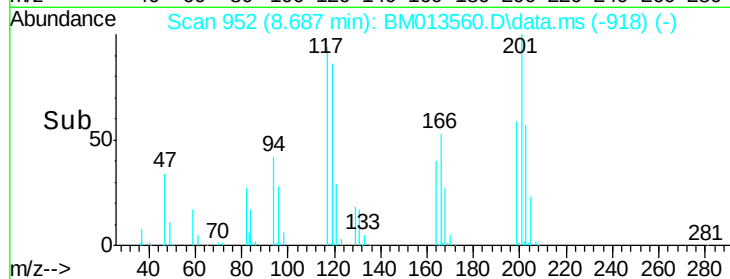
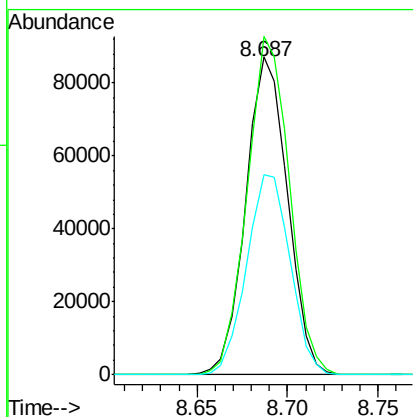
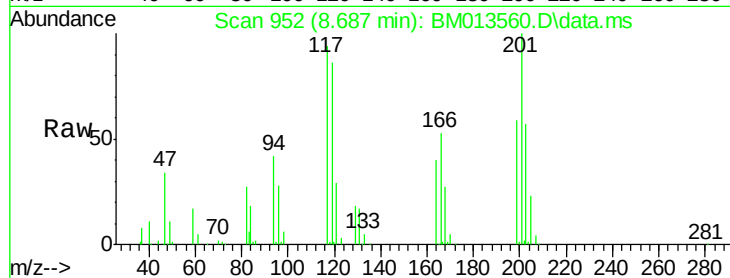




#17
Hexachloroethane
Concen: 42.64 ng/ul
RT: 8.687 min Scan# 95
Delta R.T. -0.000 min
Lab File: BM013560.D
Acq: 10 Jan 2018 11:01

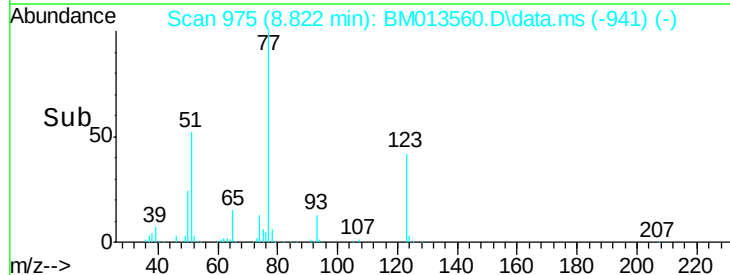
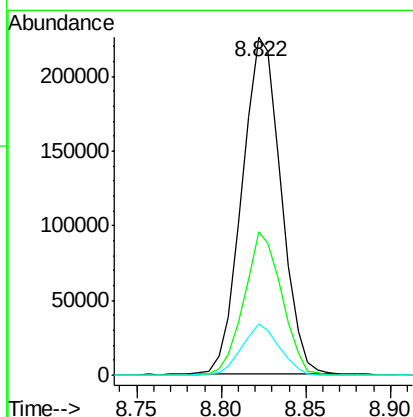
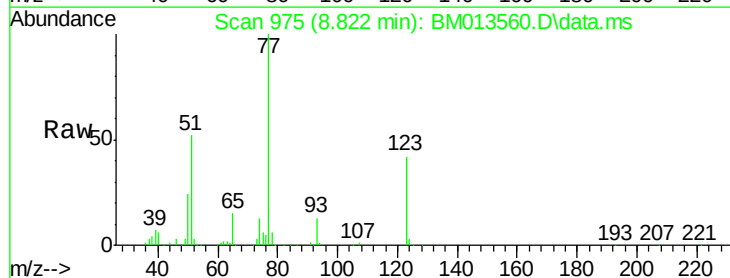
Instrument :
BNA_M
ClientSampleId :
SSTD04011

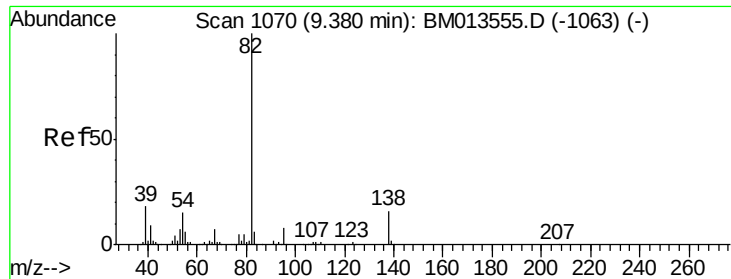
Tot Ion:117 Resp: 139608
Ion Ratio Lower Upper
117 100
201 106.2 111.6 167.4#
199 62.9 67.8 101.6#



#20
Nitrobenzene
Concen: 40.57 ng/ul
RT: 8.822 min Scan# 975
Delta R.T. -0.000 min
Lab File: BM013560.D
Acq: 10 Jan 2018 11:01

Tgt Ion: 77 Resp: 362053
Ion Ratio Lower Upper
77 100
123 42.3 31.0 46.6
65 15.3 12.2 18.2





#21

Isophorone

Concen: 38.21 ng/ul

RT: 9.351 min Scan# 10

Delta R.T. 0.006 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Instrument :

BNA_M

ClientSampleId :

SSTD04011

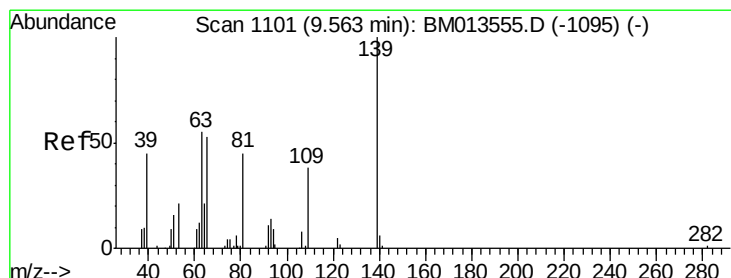
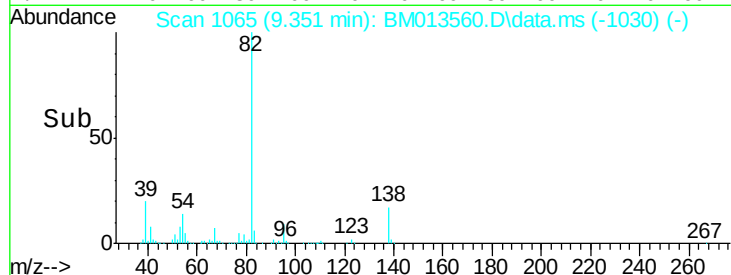
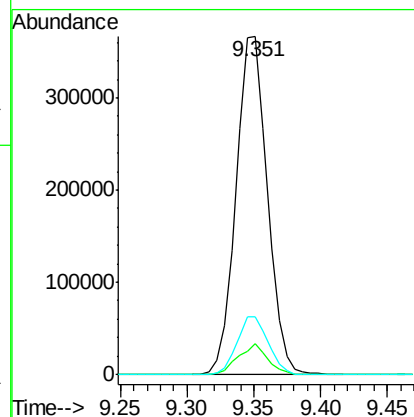
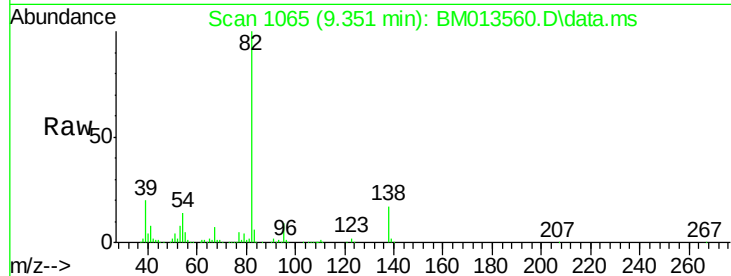
Tot Ion: 82 Resp: 600075

Ion Ratio Lower Upper

82 100

95 9.0 7.8 11.8

138 17.2 11.9 17.9



#23

2-Nitrophenol

Concen: 40.85 ng/ul

RT: 9.528 min Scan# 1095

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

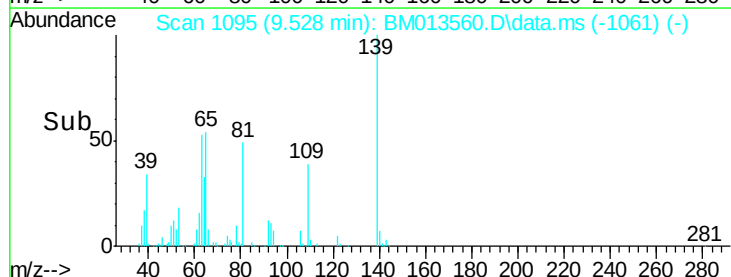
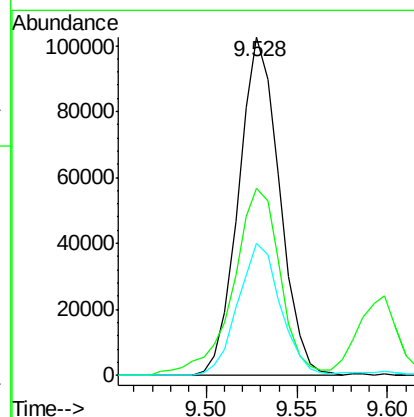
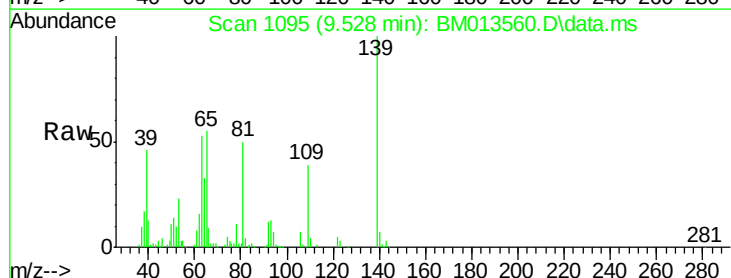
Tgt Ion: 139 Resp: 160560

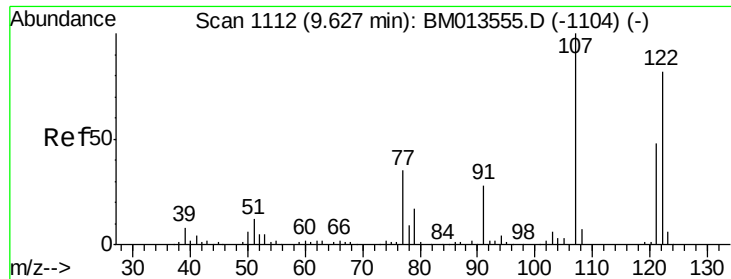
Ion Ratio Lower Upper

139 100

65 55.2 55.4 83.0#

109 39.1 42.2 63.2#

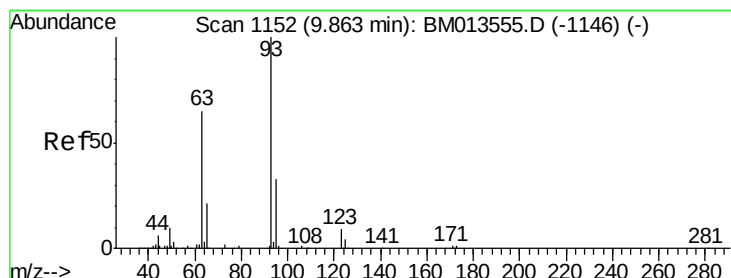
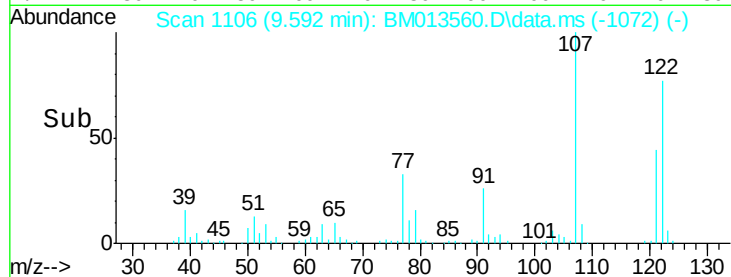
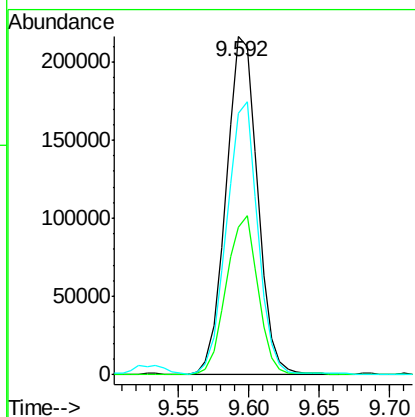
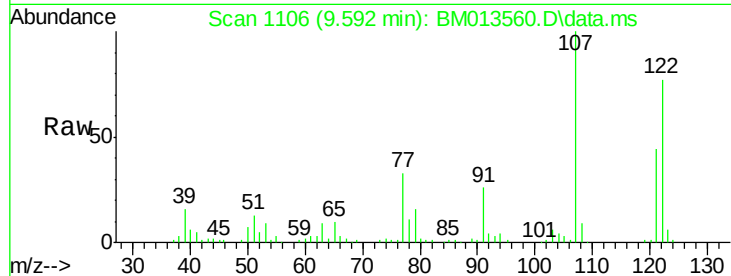




#24
 2,4-Dimethylphenol
 Concen: 39.26 ng/ul
 RT: 9.592 min Scan# 1112
 Delta R.T. -0.000 min
 Lab File: BM013560.D
 Acq: 10 Jan 2018 11:01

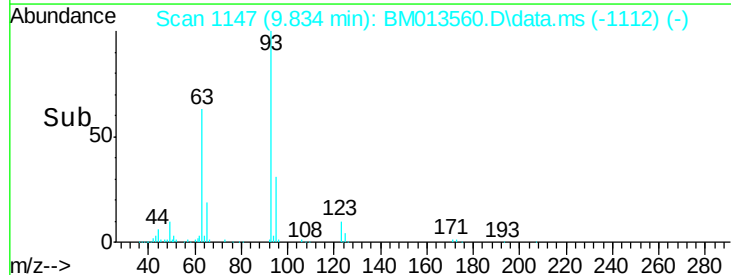
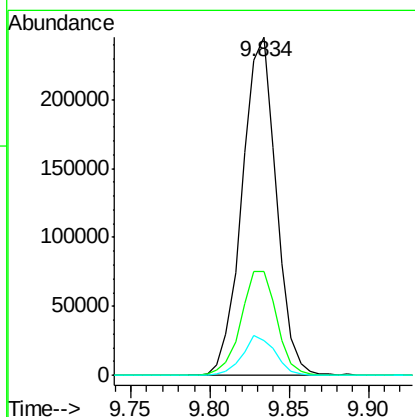
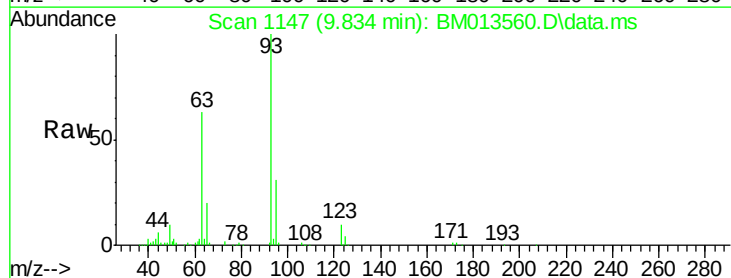
Instrument :
 BNA_M
 ClientSampleId :
 SST04011

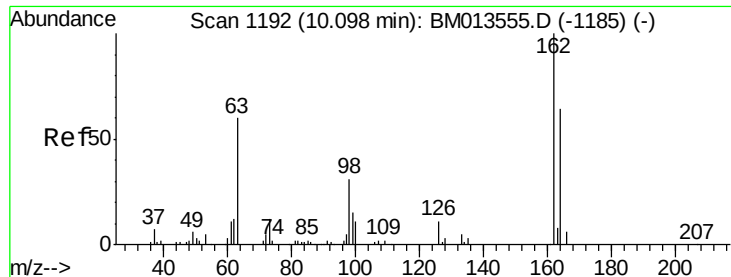
Tot Ion:107 Resp: 336618
 Ion Ratio Lower Upper
 107 100
 121 43.7 31.9 47.9
 122 77.2 57.8 86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 39.71 ng/ul
 RT: 9.834 min Scan# 1147
 Delta R.T. 0.006 min
 Lab File: BM013560.D
 Acq: 10 Jan 2018 11:01

Tgt Ion: 93 Resp: 364967
 Ion Ratio Lower Upper
 93 100
 95 30.8 28.5 42.7
 123 10.1 8.9 13.3

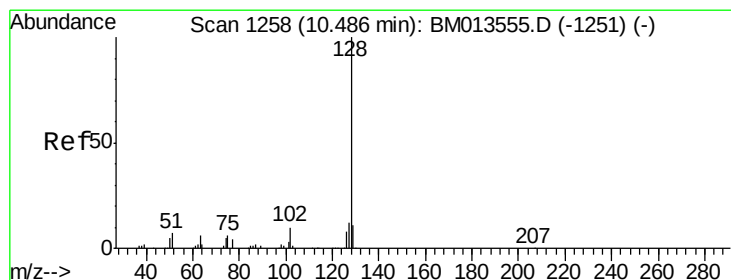
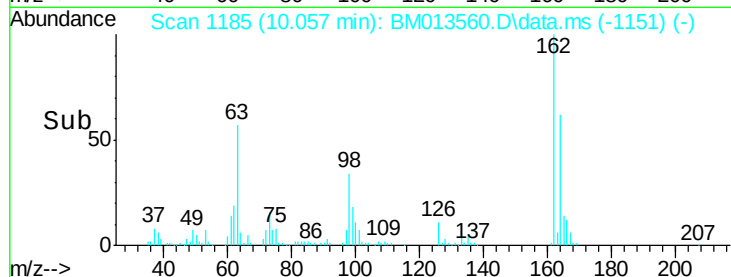
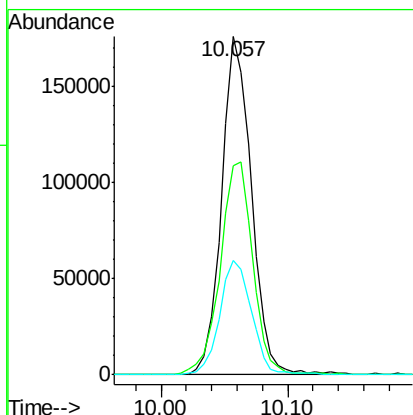
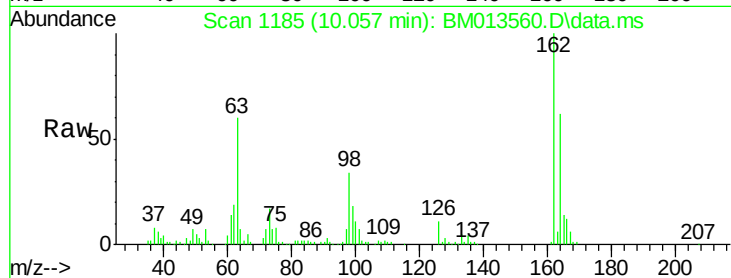




#27
 2,4-Dichlorophenol
 Concen: 39.63 ng/ul
 RT: 10.057 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM013560.D
 Acq: 10 Jan 2018 11:01

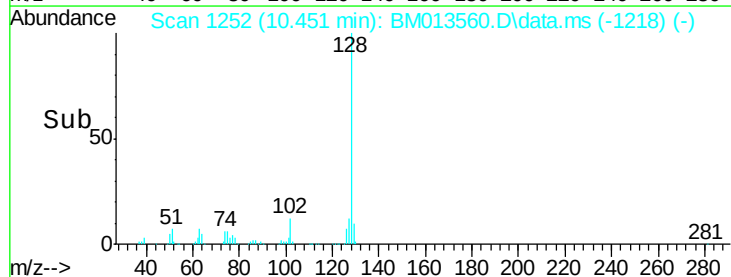
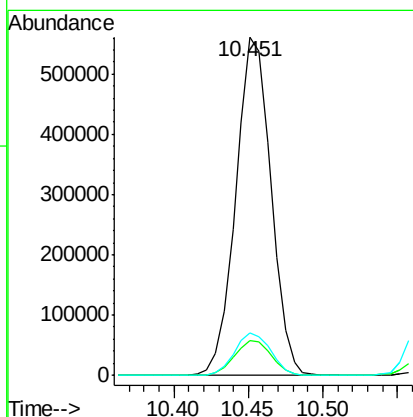
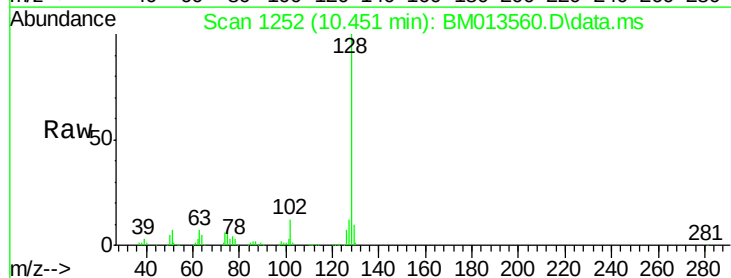
Instrument :
 BNA_M
 ClientSampleId :
 SSTD04011

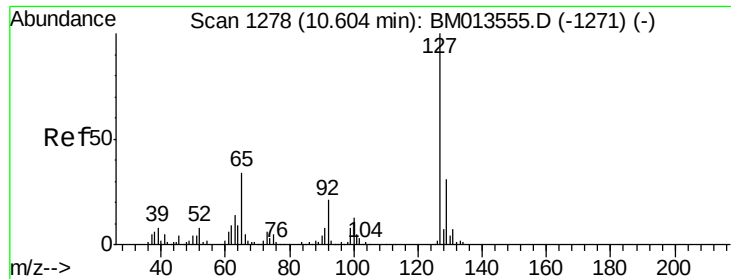
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	47.8	71.6
98	33.7	23.0	34.4



#28
 Naphthalene
 Concen: 39.92 ng/ul
 RT: 10.451 min Scan# 1252
 Delta R.T. -0.000 min
 Lab File: BM013560.D
 Acq: 10 Jan 2018 11:01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	12.4	10.6	16.0

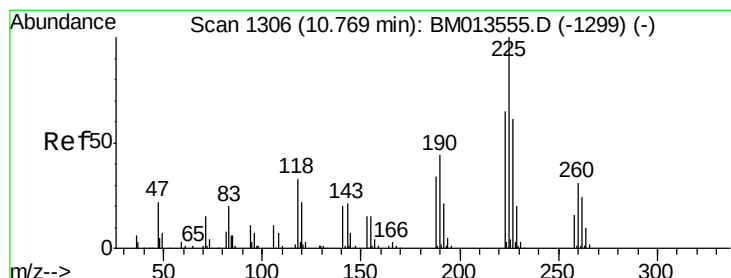
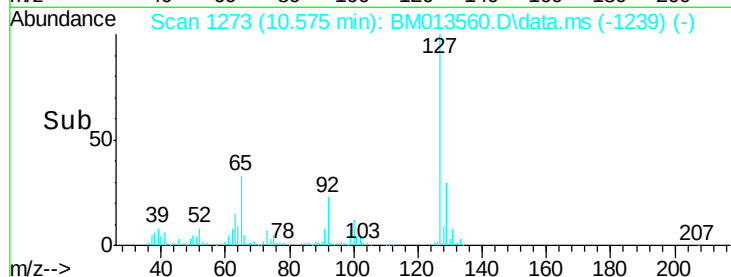
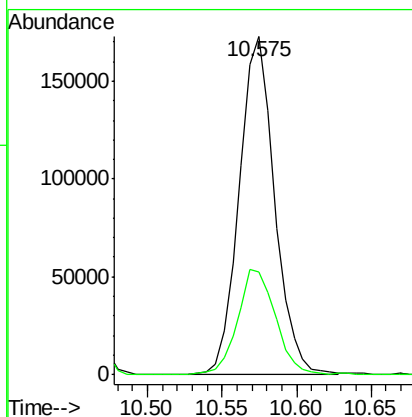
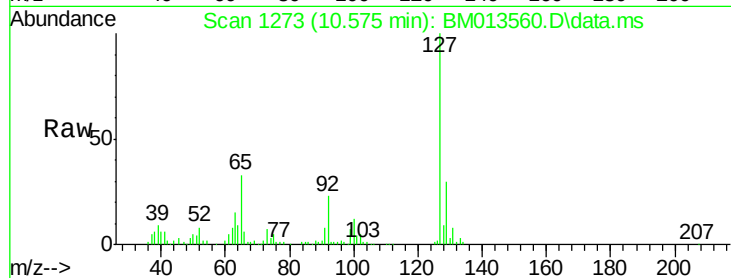




#30
4-Chloroaniline
Concen: 40.88 ng/ul
RT: 10.575 min Scan# 127
Delta R.T. -0.000 min
Lab File: BM013560.D
Acq: 10 Jan 2018 11:01

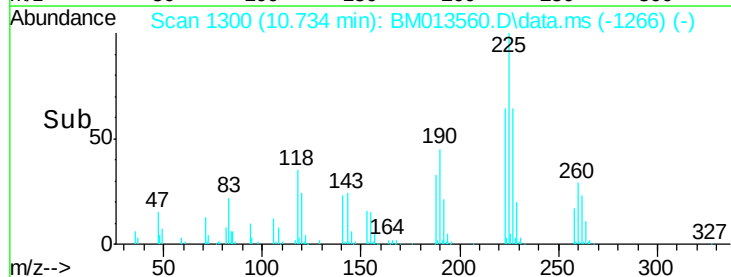
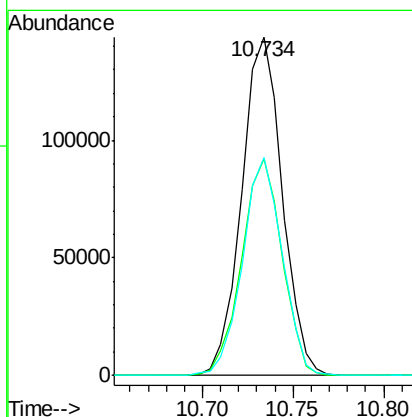
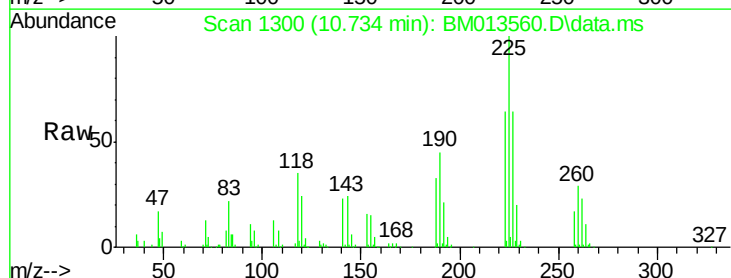
Instrument :
BNA_M
ClientSampleId :
SSTD04011

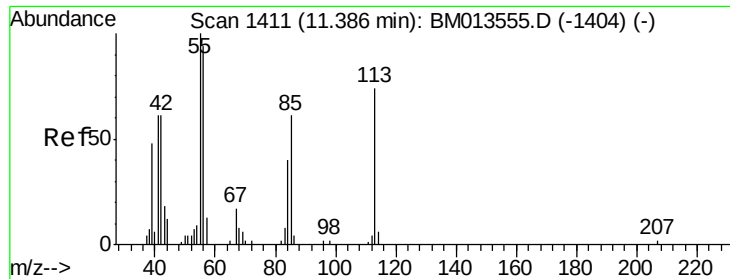
Tot Ion:127 Resp: 284227
Ion Ratio Lower Upper
127 100
129 30.4 28.4 42.6



#31
Hexachlorobutadiene
Concen: 42.75 ng/ul
RT: 10.734 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BM013560.D
Acq: 10 Jan 2018 11:01

Tgt Ion:225 Resp: 223509
Ion Ratio Lower Upper
225 100
223 63.9 49.4 74.2
227 64.3 45.4 68.2





#32

Caprolactam

Concen: 22.72 ng/ul

RT: 11.357 min Scan# 14

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Instrument :

BNA_M

ClientSampleId :

SSTD04011

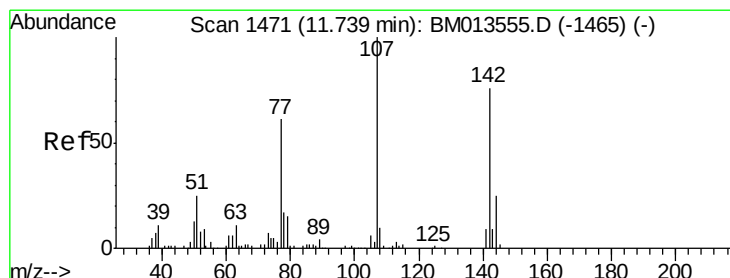
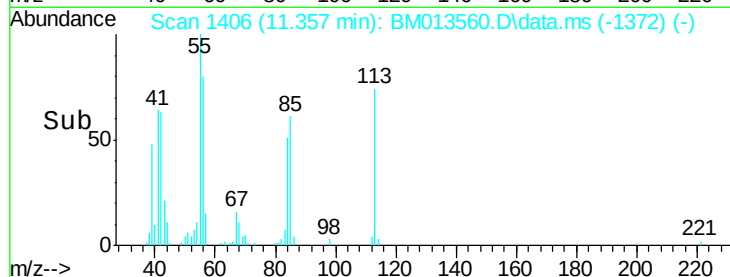
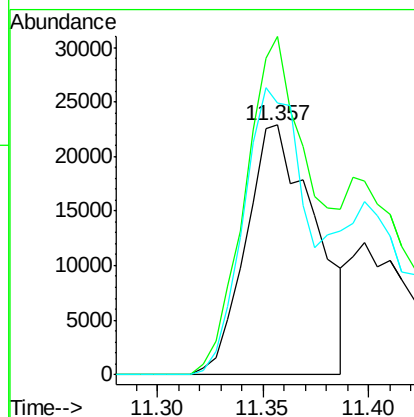
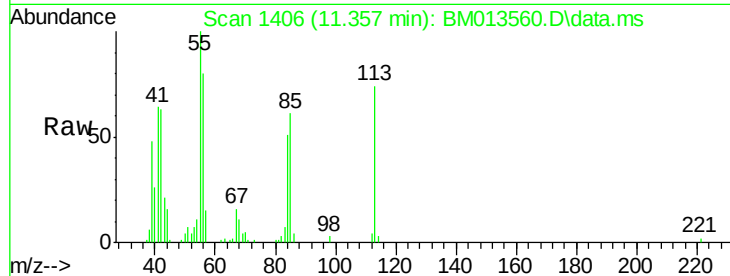
Tot Ion:113 Resp: 52398

Ion Ratio Lower Upper

113 100

55 135.7 208.0 312.0#

56 109.0 160.0 240.0#



#33

4-Chloro-3-methylphenol

Concen: 37.09 ng/ul

RT: 11.710 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

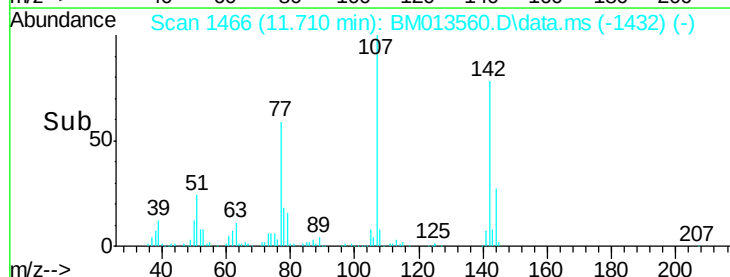
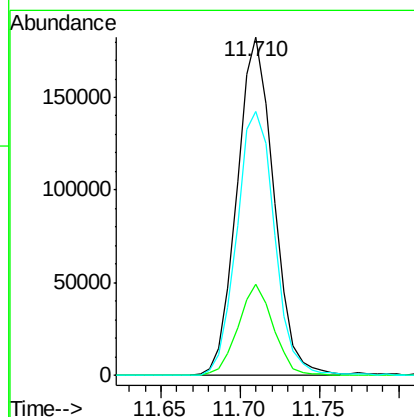
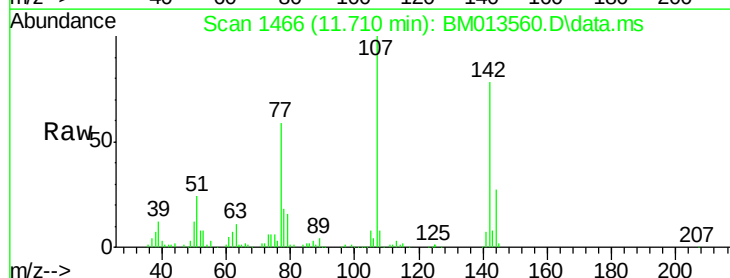
Tgt Ion:107 Resp: 293659

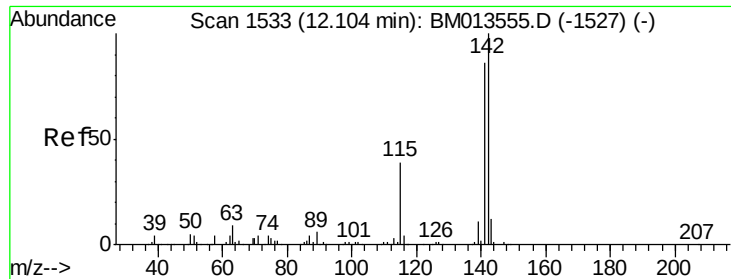
Ion Ratio Lower Upper

107 100

144 27.0 20.4 30.6

142 78.1 60.5 90.7

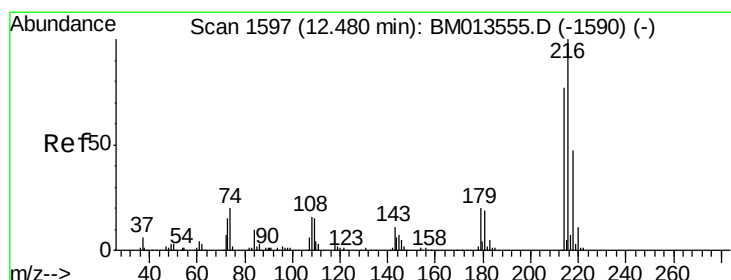
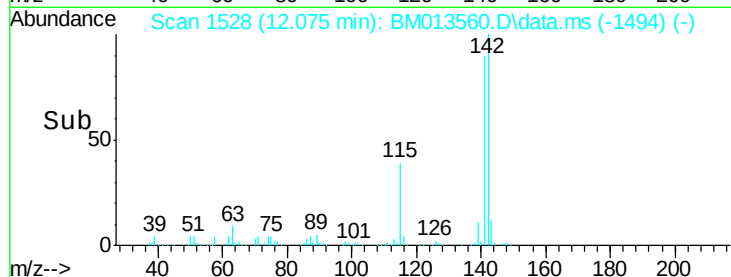
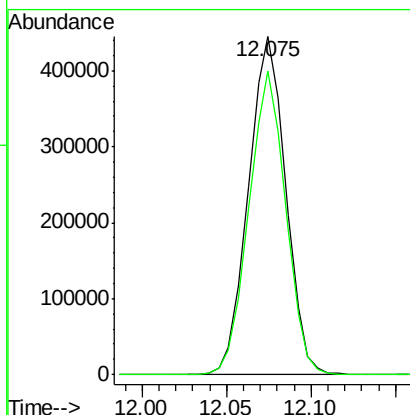
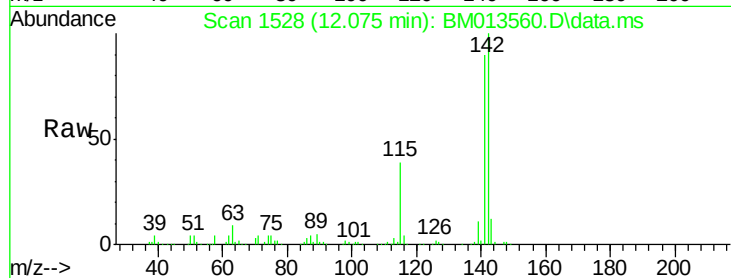




#34
2-Methylnaphthalene
Concen: 39.60 ng/ul
RT: 12.075 min Scan# 15
Delta R.T. -0.000 min
Lab File: BM013560.D
Acq: 10 Jan 2018 11:01

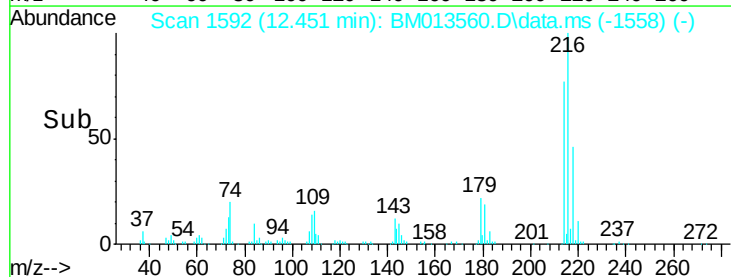
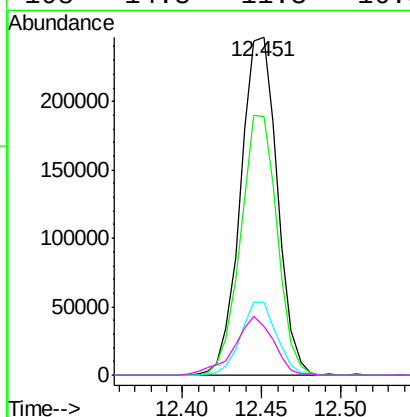
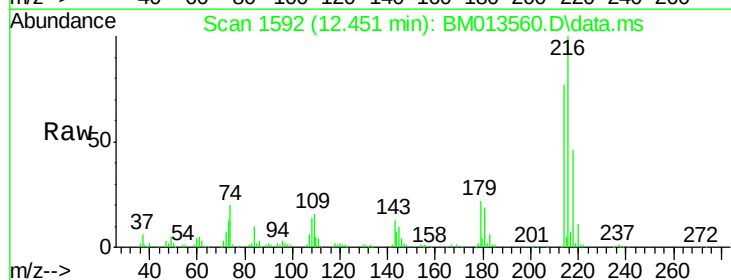
Instrument :
BNA_M
ClientSampleId :
SSTD04011

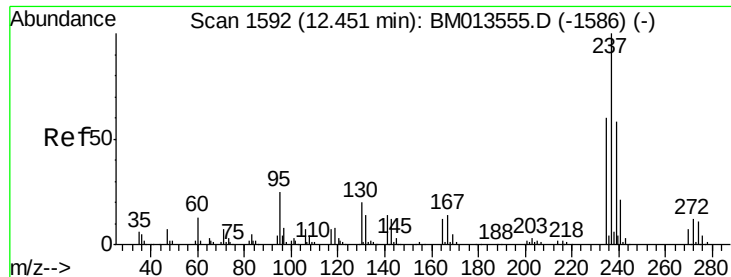
Tot Ion:142 Resp: 684181
Ion Ratio Lower Upper
142 100
141 89.7 74.1 111.1



#36
1,2,4,5-Tetrachlorobenzene
Concen: 41.58 ng/ul
RT: 12.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BM013560.D
Acq: 10 Jan 2018 11:01

Tgt Ion:216 Resp: 397662
Ion Ratio Lower Upper
216 100
214 76.6 60.6 90.8
179 21.8 17.5 26.3
108 14.3 11.3 16.9





#37

Hexachlorocyclopentadiene

Concen: 26.90 ng/ul

RT: 12.422 min Scan# 15

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Instrument :

BNA_M

ClientSampleId :

SSTD04011

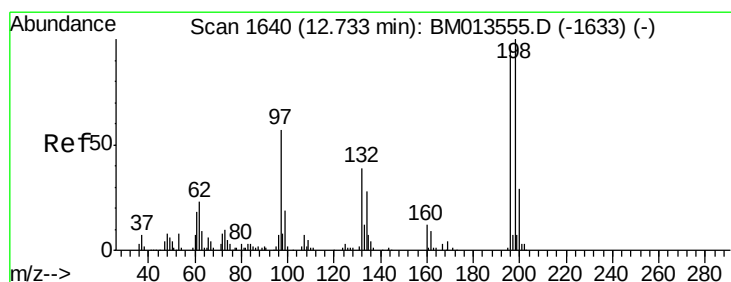
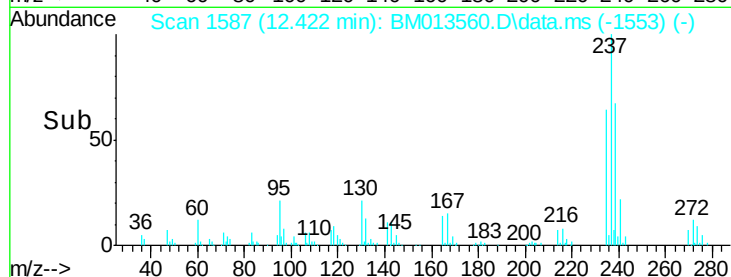
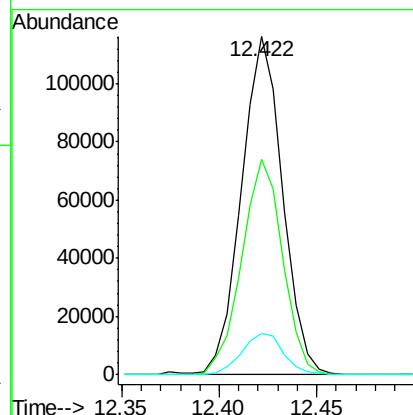
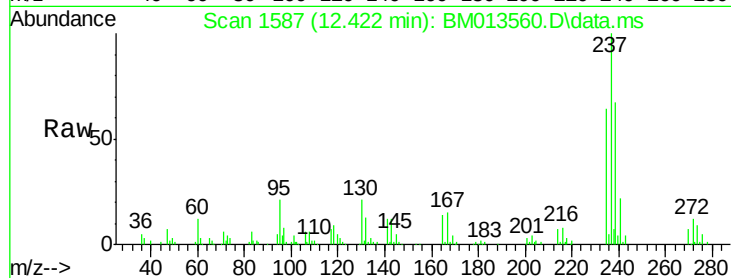
Tot Ion:237 Resp: 169326

Ion Ratio Lower Upper

237 100

235 63.7 50.2 75.4

272 13.5 11.0 16.6



#38

2,4,6-Trichlorophenol

Concen: 40.94 ng/ul

RT: 12.698 min Scan# 1634

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

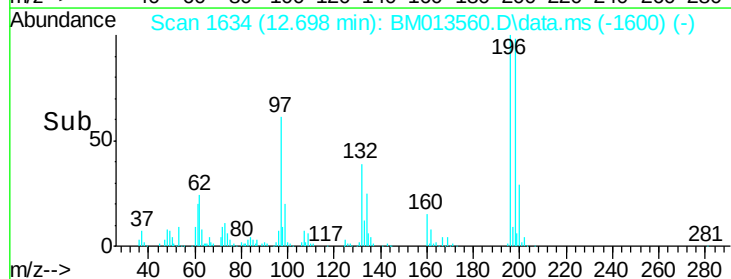
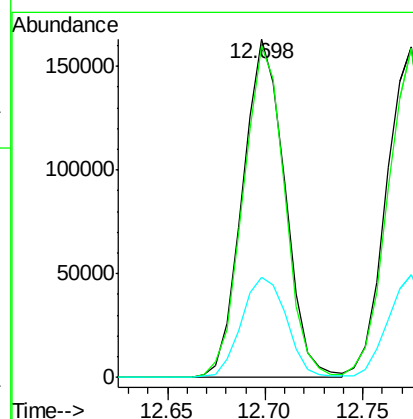
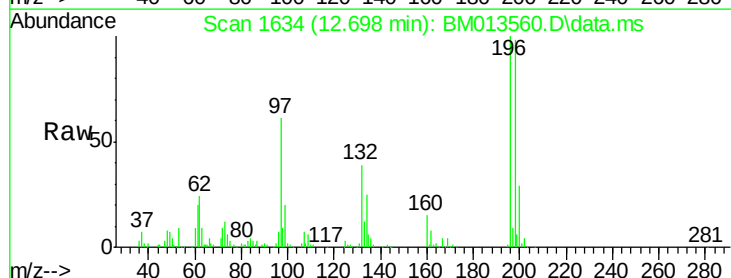
Tgt Ion:196 Resp: 244114

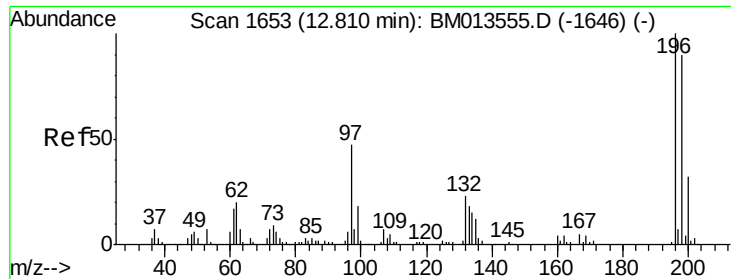
Ion Ratio Lower Upper

196 100

198 98.3 74.1 111.1

200 29.4 25.2 37.8

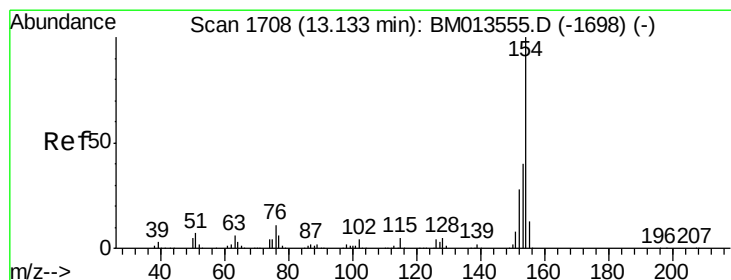
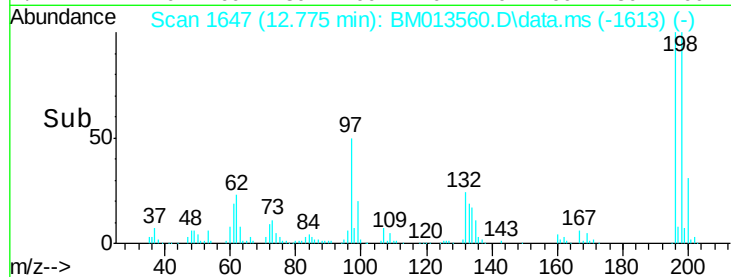
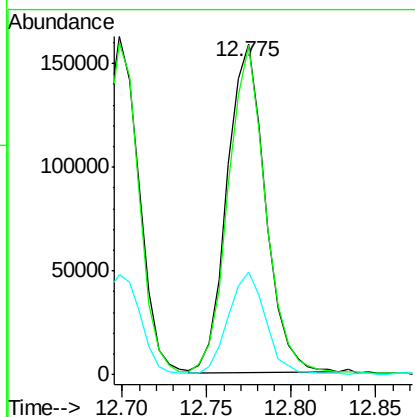
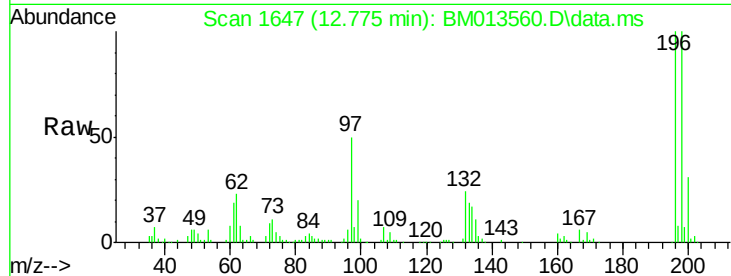




#39
 2,4,5-Trichlorophenol
 Concen: 39.49 ng/ul
 RT: 12.775 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: BM013560.D
 Acq: 10 Jan 2018 11:01

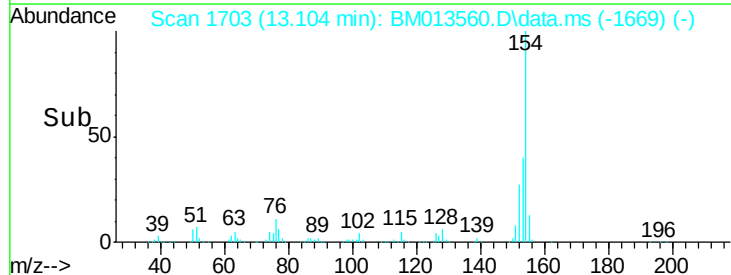
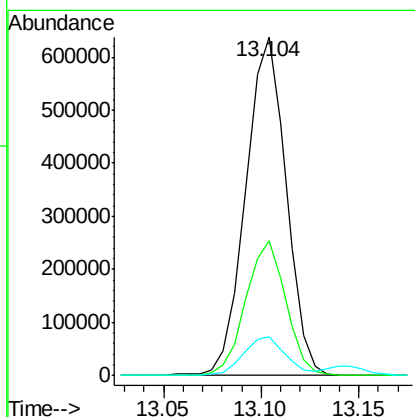
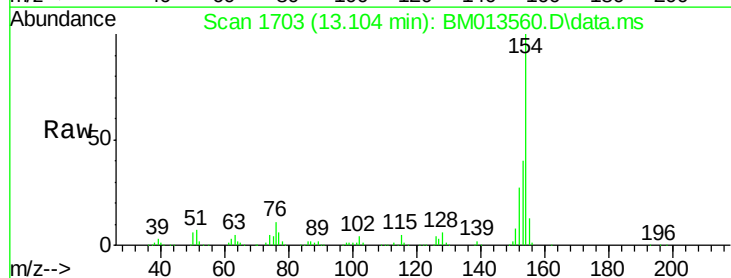
Instrument :
 BNA_M
 ClientSampleId :
 SSTD04011

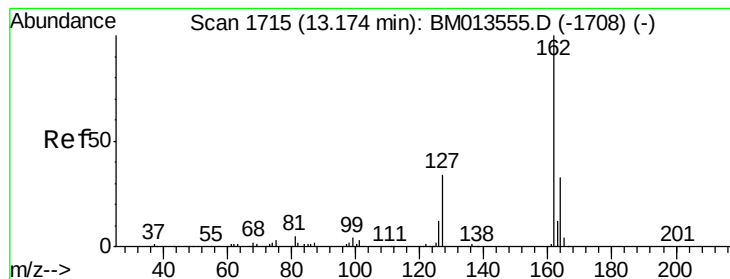
Tot Ion:196 Resp: 250077
 Ion Ratio Lower Upper
 196 100
 198 99.8 75.6 113.4
 200 30.9 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 40.51 ng/ul
 RT: 13.104 min Scan# 1703
 Delta R.T. -0.000 min
 Lab File: BM013560.D
 Acq: 10 Jan 2018 11:01

Tgt Ion:154 Resp: 907443
 Ion Ratio Lower Upper
 154 100
 153 39.9 32.6 48.8
 76 11.4 8.5 12.7

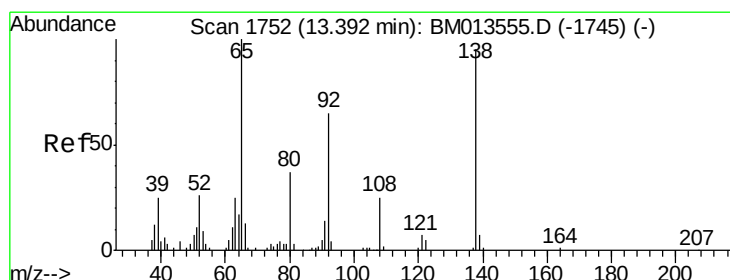
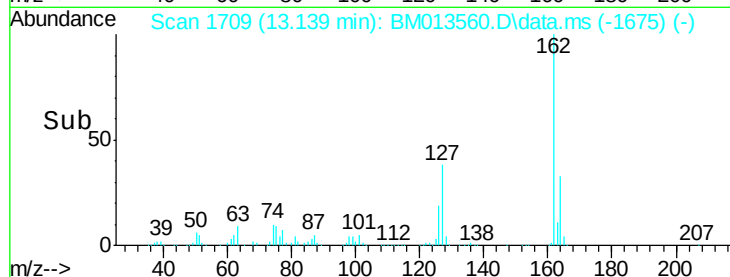
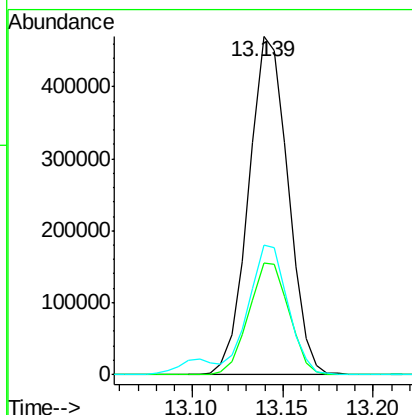
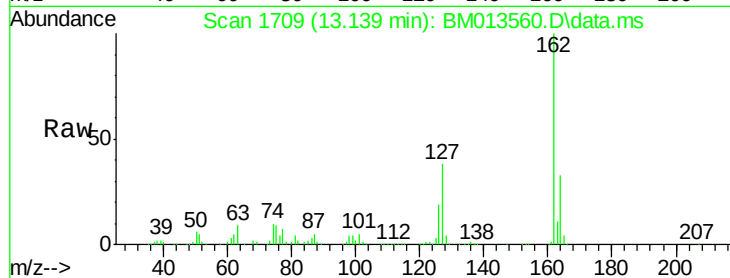




#41
2-Chloronaphthalene
Concen: 40.47 ng/ul
RT: 13.139 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BM013560.D
Acq: 10 Jan 2018 11:01

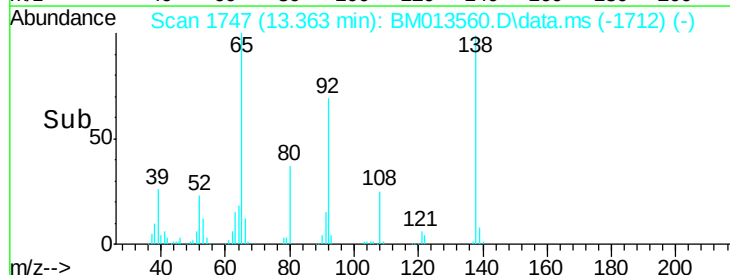
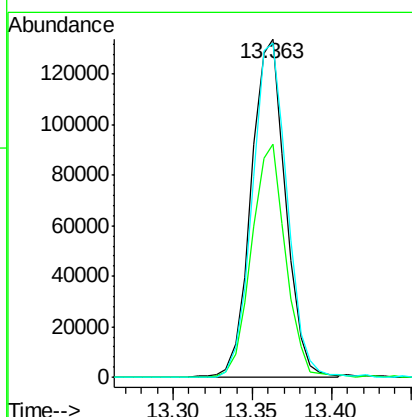
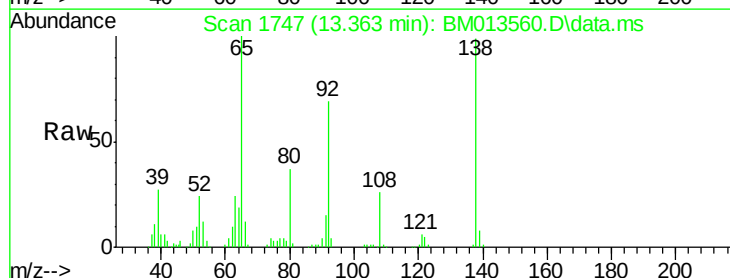
Instrument :
BNA_M
ClientSampleId :
SSTD04011

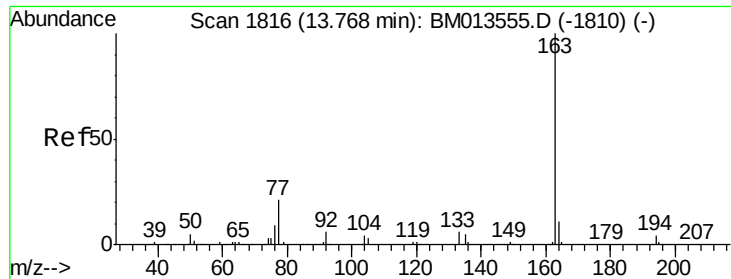
Tot Ion	Ratio	Lower	Upper
162	100		
164	33.2	25.9	38.9
127	38.1	29.4	44.2



#42
2-Nitroaniline
Concen: 39.17 ng/ul
RT: 13.363 min Scan# 1747
Delta R.T. 0.006 min
Lab File: BM013560.D
Acq: 10 Jan 2018 11:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.9	51.8	77.6
138	99.0	74.2	111.4





#44

Dimethylphthalate

Concen: 38.06 ng/ul

RT: 13.745 min Scan# 1816

Delta R.T. 0.006 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Instrument :

BNA_M

ClientSampleId :

SSTD04011

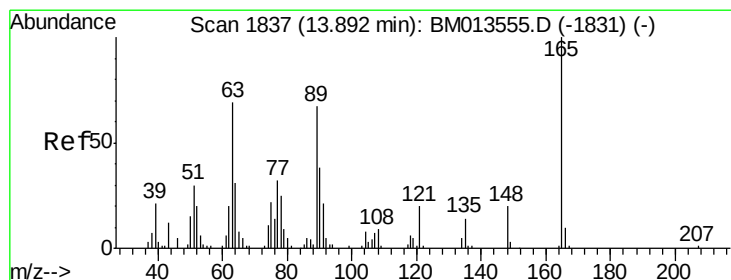
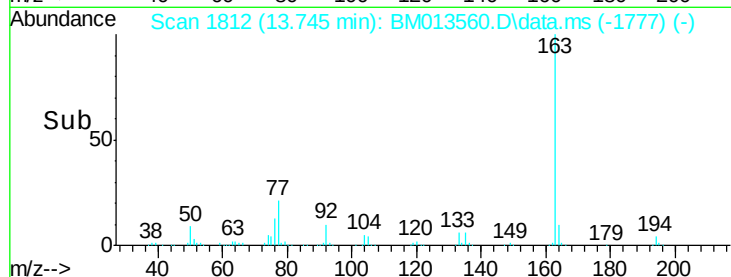
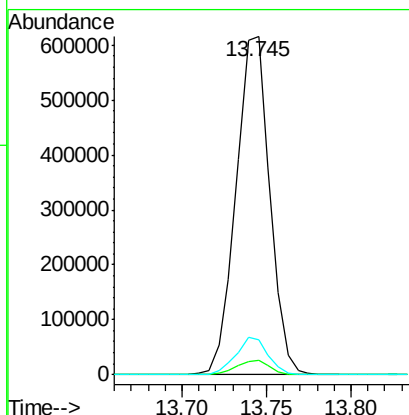
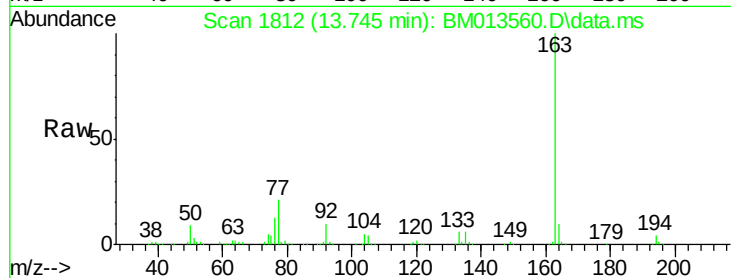
Tot Ion:163 Resp: 858671

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.4 8.2 12.4



#45

2,6-Dinitrotoluene

Concen: 39.09 ng/ul

RT: 13.863 min Scan# 1832

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

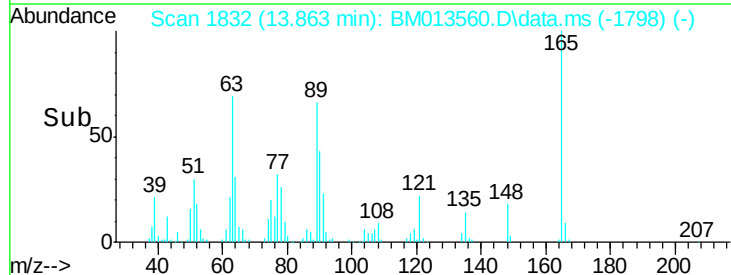
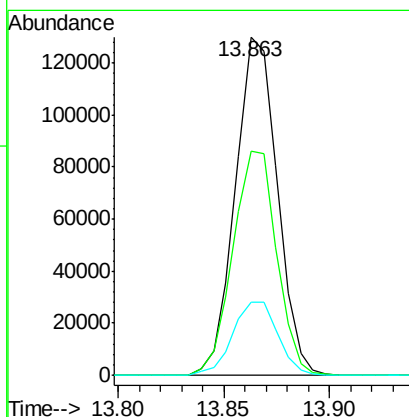
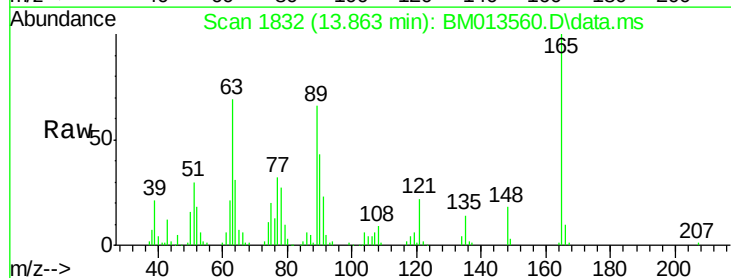
Tgt Ion:165 Resp: 179842

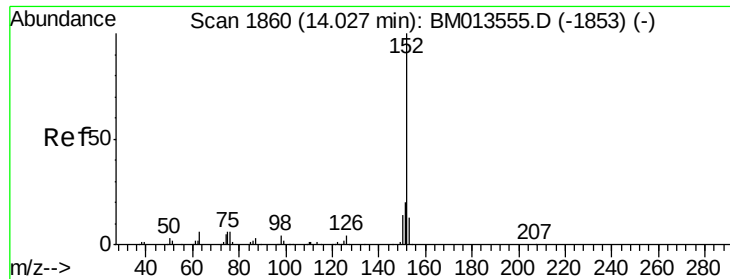
Ion Ratio Lower Upper

165 100

89 66.2 52.6 79.0

121 21.7 14.6 22.0





#47

Acenaphthylene

Concen: 39.28 ng/ul

RT: 13.998 min Scan# 18

Delta R.T. 0.006 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Instrument :

BNA_M

ClientSampleId :

SSTD04011

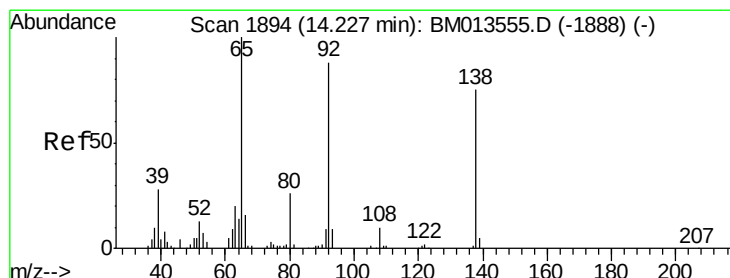
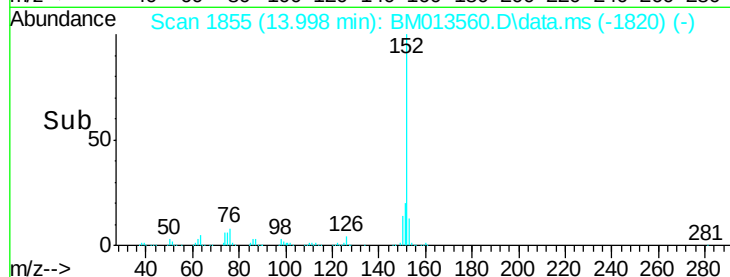
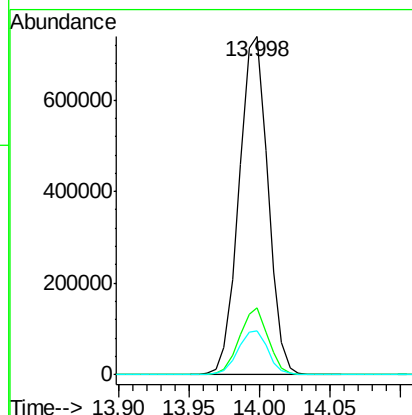
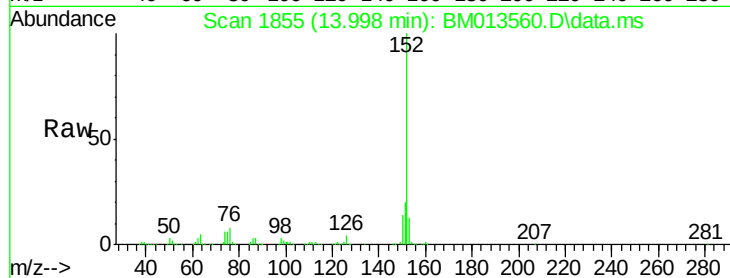
Tot Ion:152 Resp: 1058091

Ion Ratio Lower Upper

152 100

151 19.8 16.3 24.5

153 13.0 10.2 15.4



#48

3-Nitroaniline

Concen: 35.36 ng/ul

RT: 14.198 min Scan# 1889

Delta R.T. 0.006 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

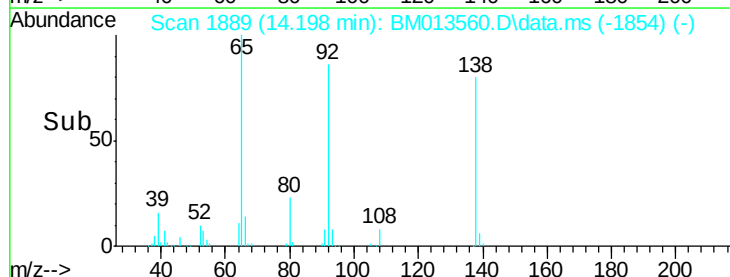
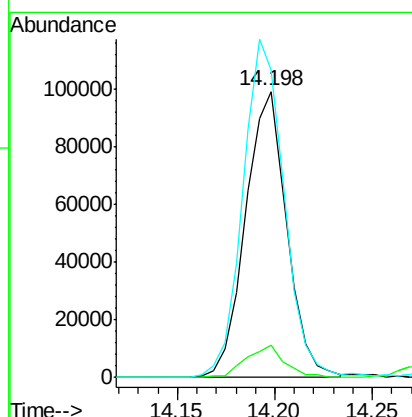
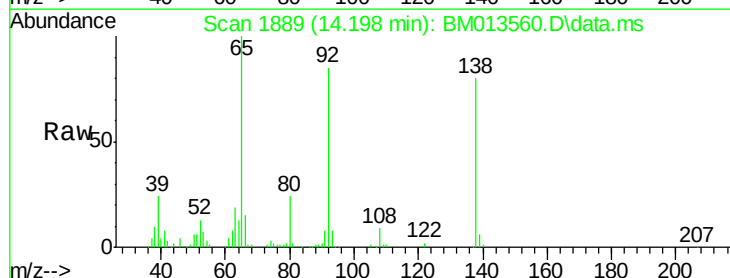
Tgt Ion:138 Resp: 145429

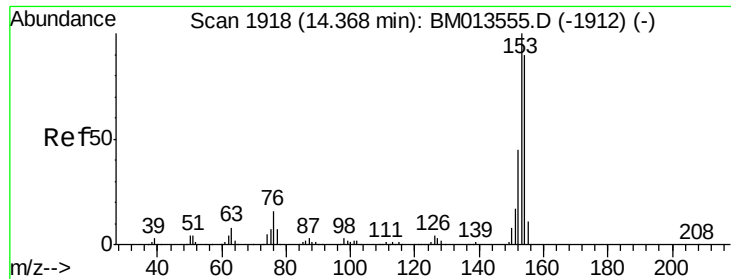
Ion Ratio Lower Upper

138 100

108 11.2 9.9 14.9

92 107.4 105.0 157.4





#49

Acenaphthene

Concen: 39.29 ng/ul

RT: 14.339 min Scan# 1918

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Instrument :

BNA_M

ClientSampleId :

SSTD04011

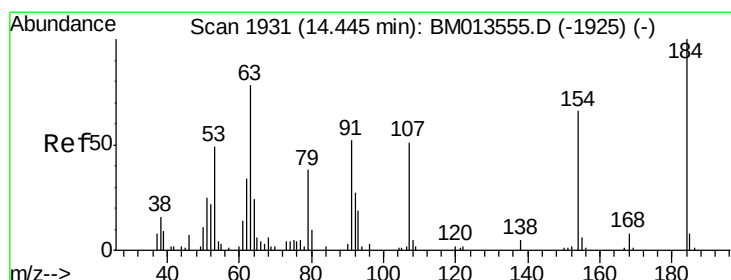
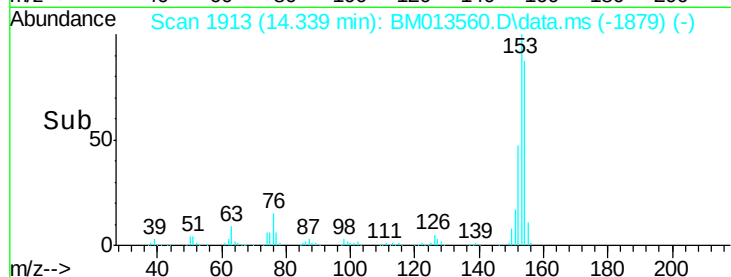
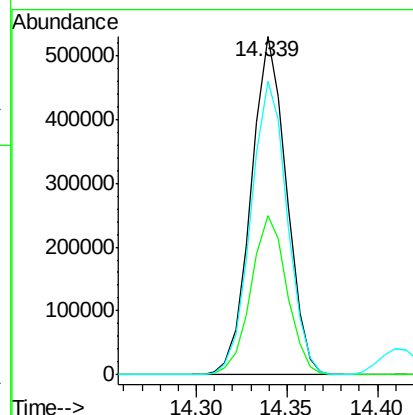
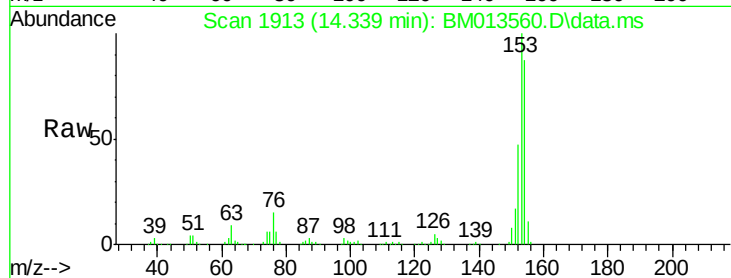
Tot Ion:153 Resp: 720902

Ion Ratio Lower Upper

153 100

152 46.8 37.6 56.4

154 86.6 70.4 105.6



#50

2,4-Dinitrophenol

Concen: 36.94 ng/ul

RT: 14.410 min Scan# 1925

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

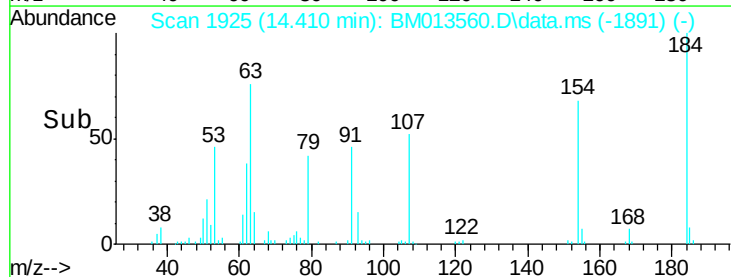
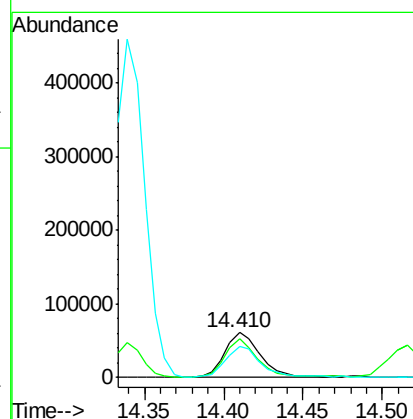
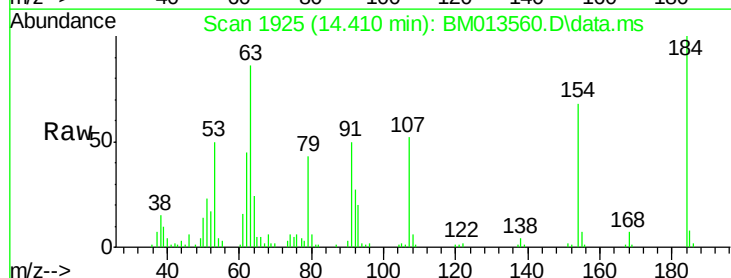
Tgt Ion:184 Resp: 94062

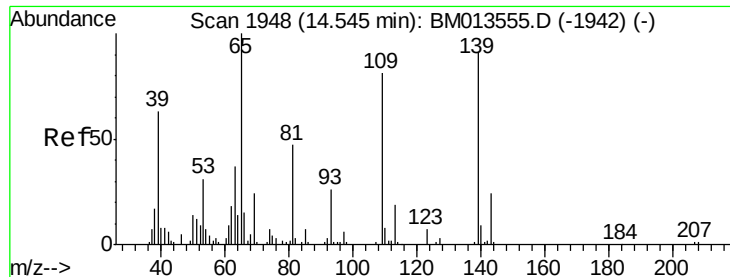
Ion Ratio Lower Upper

184 100

63 86.2 50.1 75.1#

154 68.4 54.5 81.7





#52

4-Nitrophenol

Concen: 36.16 ng/ul

RT: 14.516 min Scan# 19

Delta R.T. 0.006 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Instrument :

BNA_M

ClientSampleId :

SSTD04011

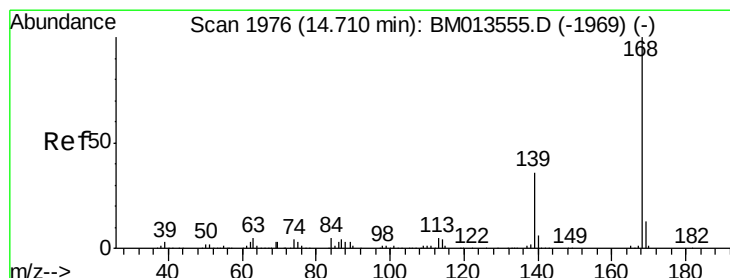
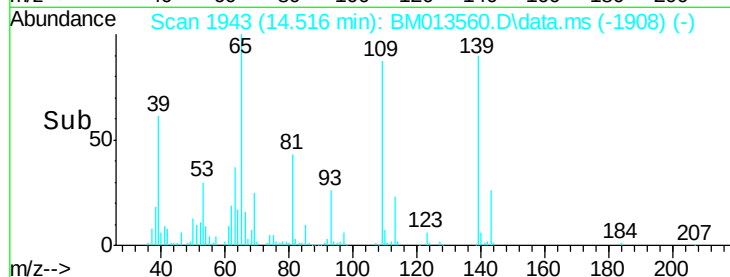
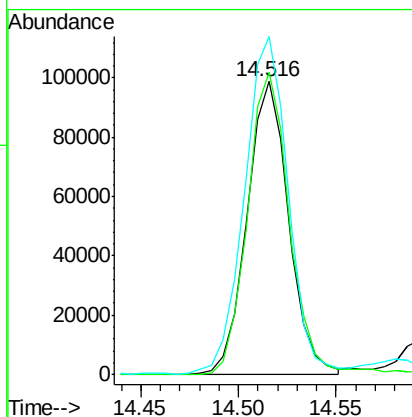
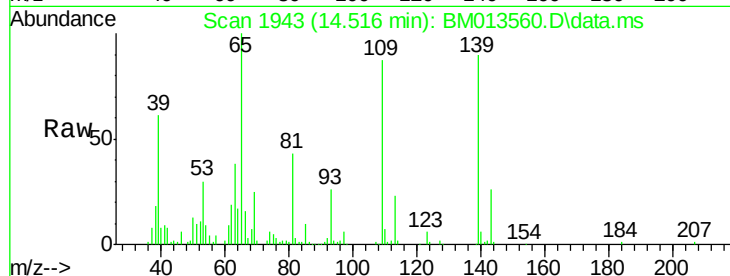
Tot Ion:109 Resp: 145357

Ion Ratio Lower Upper

109 100

139 103.4 80.0 120.0

65 115.4 120.0 180.0#



#53

Dibenzofuran

Concen: 39.72 ng/ul

RT: 14.680 min Scan# 1971

Delta R.T. 0.006 min

Lab File: BM013560.D

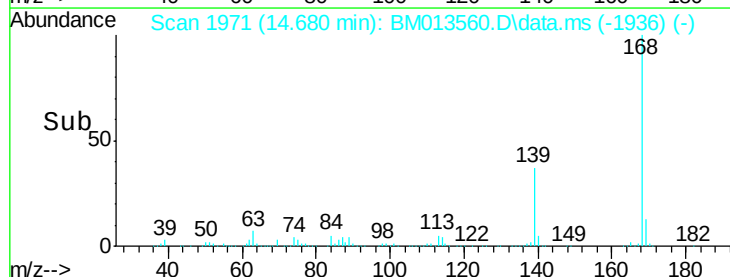
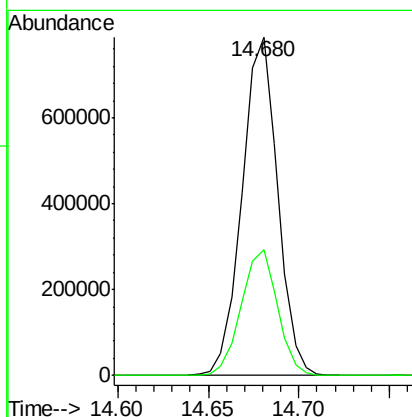
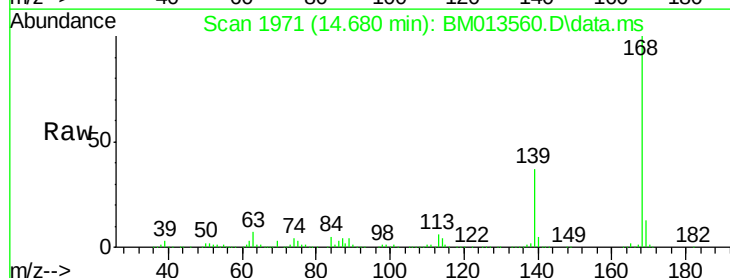
Acq: 10 Jan 2018 11:01

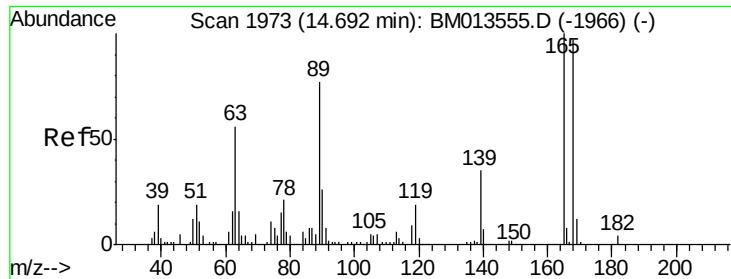
Tgt Ion:168 Resp: 1075902

Ion Ratio Lower Upper

168 100

139 37.2 30.8 46.2

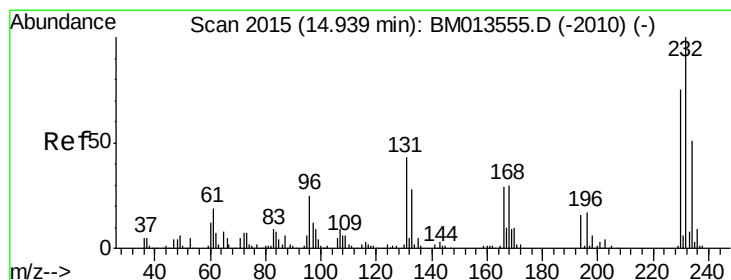
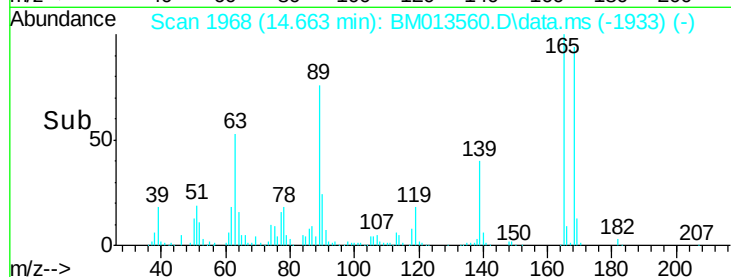
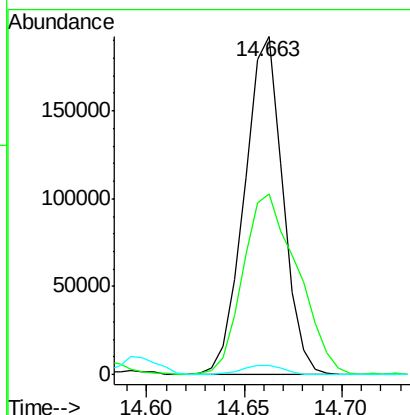
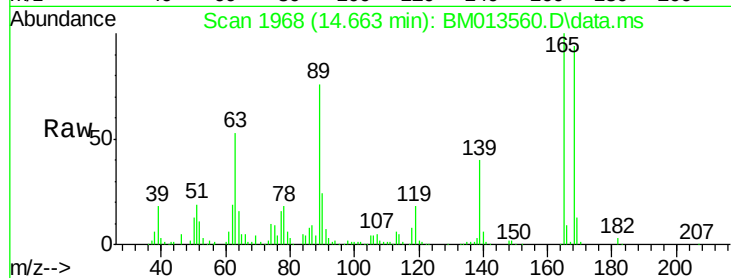




#54
 2,4-Dinitrotoluene
 Concen: 39.19 ng/ul
 RT: 14.663 min Scan# 19
 Delta R.T. 0.006 min
 Lab File: BM013560.D
 Acq: 10 Jan 2018 11:01

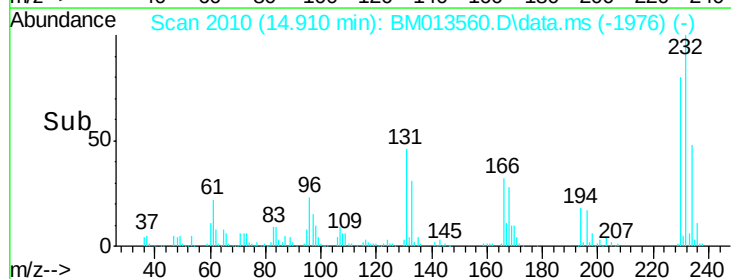
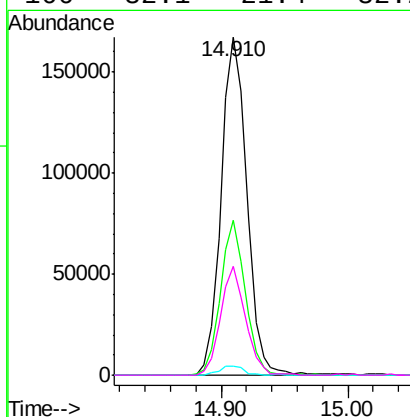
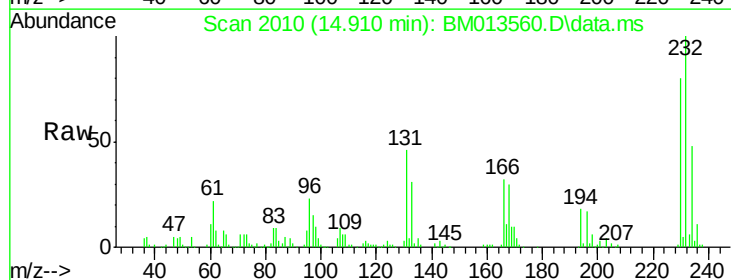
Instrument :
 BNA_M
 ClientSampleId :
 SST04011

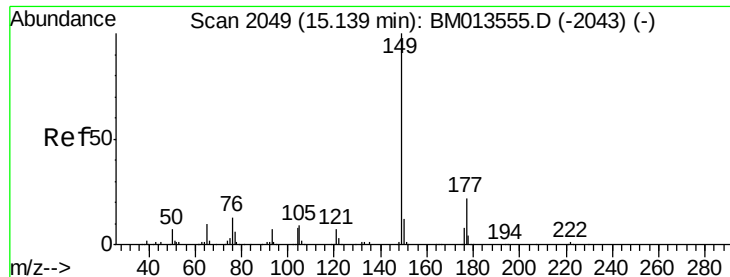
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.4	45.8	68.8
182	2.7	2.6	4.0



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 40.66 ng/ul
 RT: 14.910 min Scan# 2010
 Delta R.T. -0.000 min
 Lab File: BM013560.D
 Acq: 10 Jan 2018 11:01

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.0	29.0	43.4#
130	2.8	2.0	3.0
166	32.1	21.4	32.2

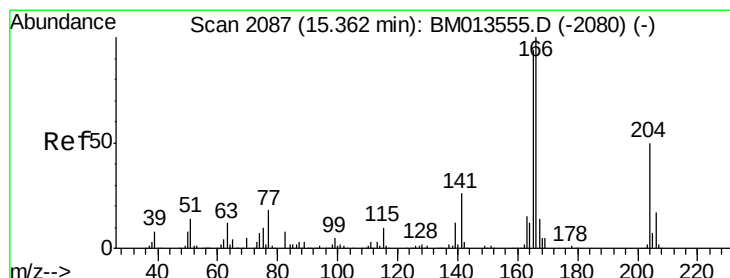
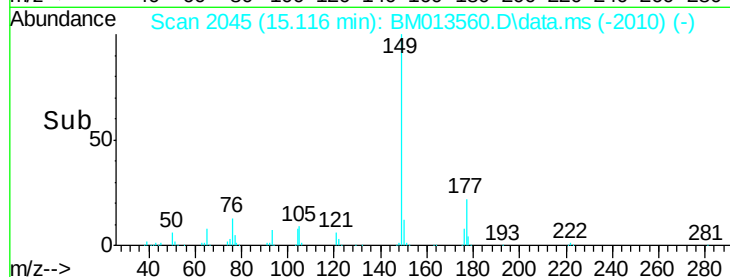
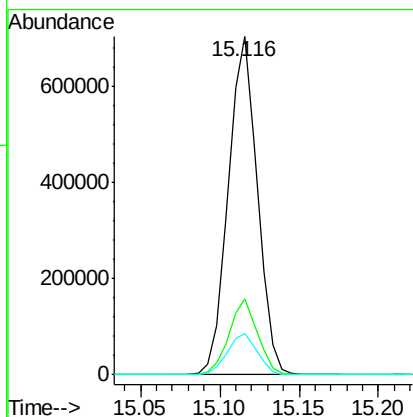
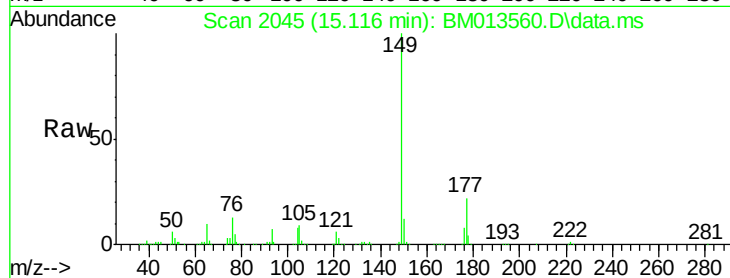




#56
Diethylphthalate
Concen: 39.39 ng/ul
RT: 15.116 min Scan# 2045
Delta R.T. 0.006 min
Lab File: BM013560.D
Acq: 10 Jan 2018 11:01

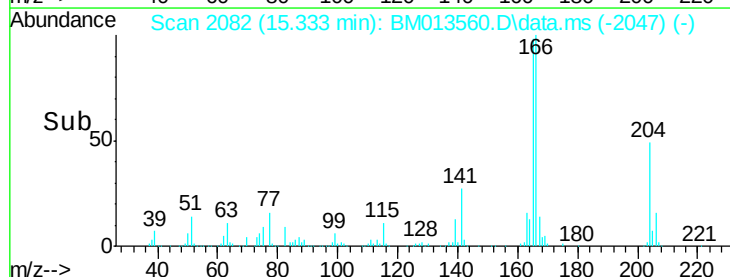
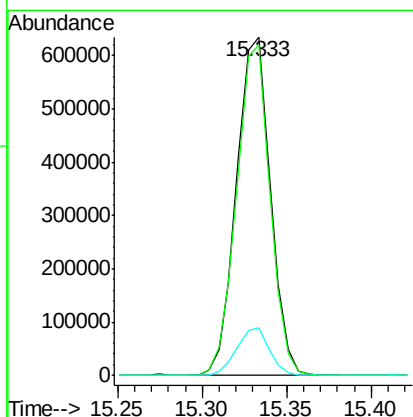
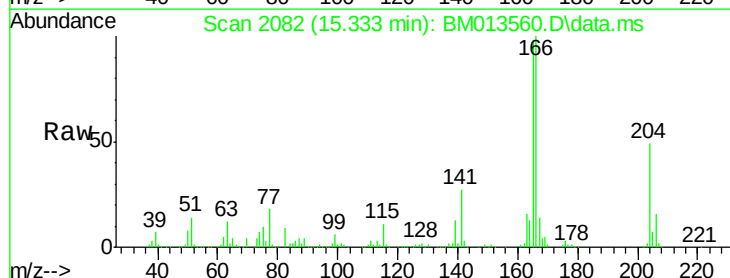
Instrument :
BNA_M
ClientSampleId :
SSTD04011

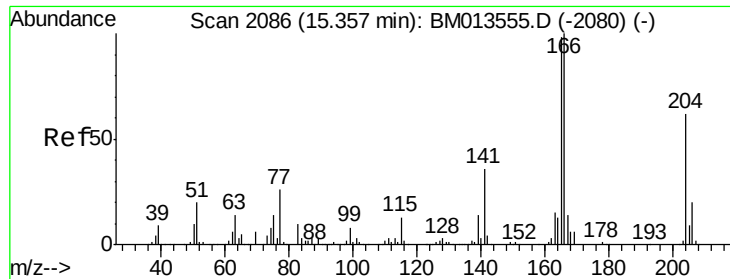
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.3	20.5	30.7
150	12.2	10.6	15.8



#58
Fluorene
Concen: 39.83 ng/ul
RT: 15.333 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BM013560.D
Acq: 10 Jan 2018 11:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.9	116.9
167	14.1	10.6	16.0

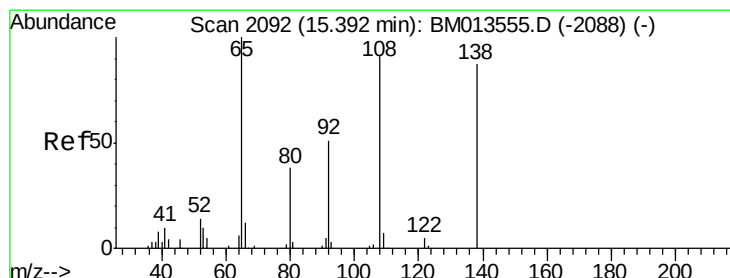
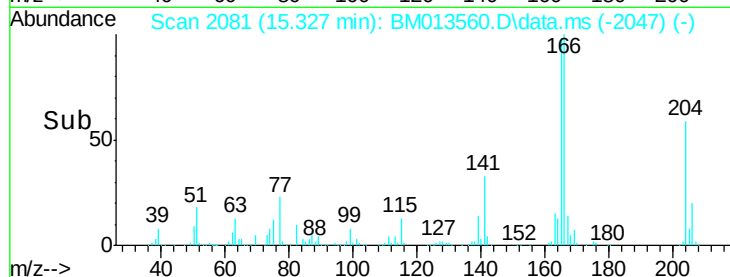
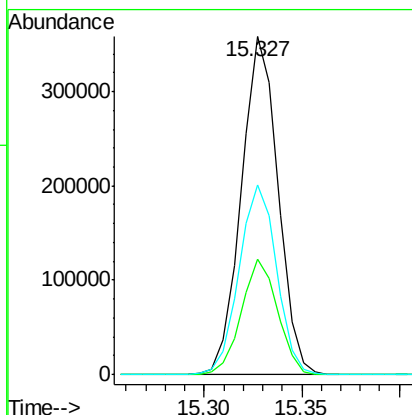
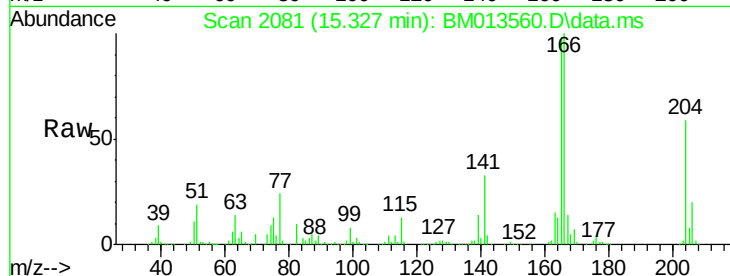




#59
4-Chlorophenyl-phenylether
Concen: 38.36 ng/ul
RT: 15.327 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BM013560.D
Acq: 10 Jan 2018 11:01

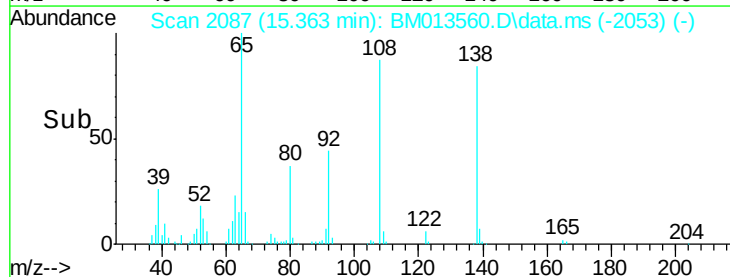
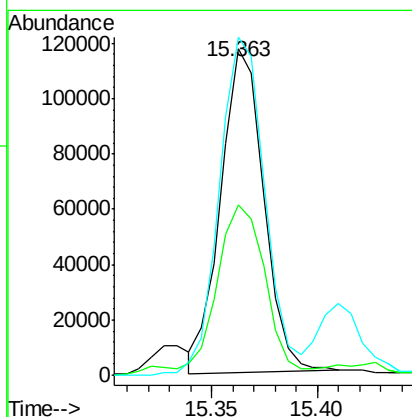
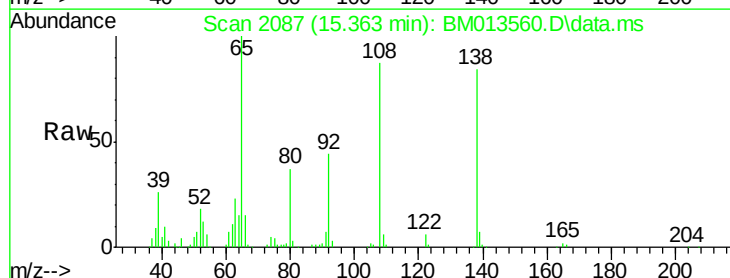
Instrument :
BNA_M
ClientSampleId :
SSTD04011

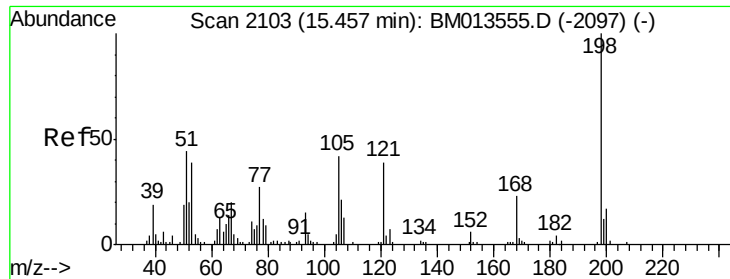
Tot Ion:204 Resp: 466498
Ion Ratio Lower Upper
204 100
206 34.2 24.8 37.2
141 56.2 44.3 66.5



#60
4-Nitroaniline
Concen: 34.02 ng/ul
RT: 15.363 min Scan# 2087
Delta R.T. -0.000 min
Lab File: BM013560.D
Acq: 10 Jan 2018 11:01

Tgt Ion:138 Resp: 165049
Ion Ratio Lower Upper
138 100
92 52.2 40.0 60.0
108 103.5 80.0 120.0

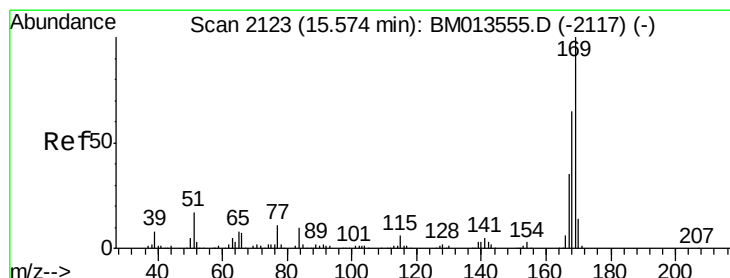
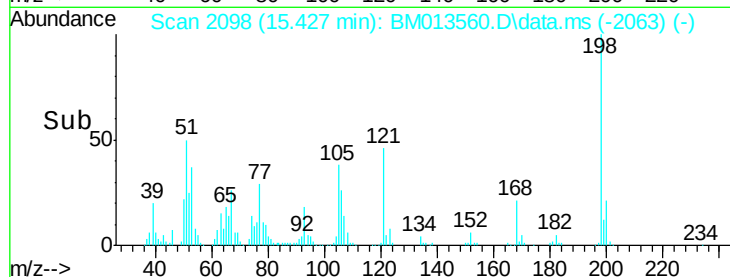
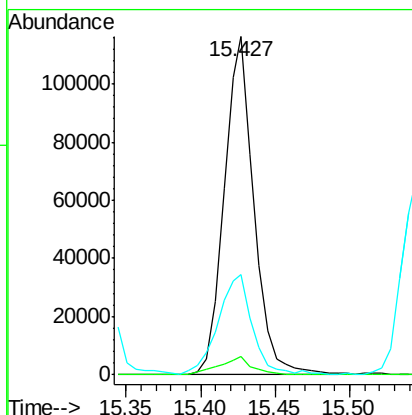
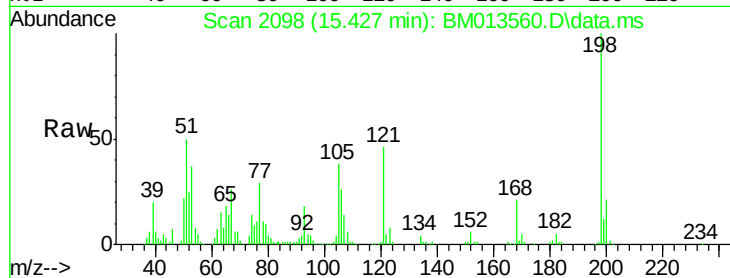




#63
 4,6-Dinitro-2-methylphenol
 Concen: 42.04 ng/ul
 RT: 15.427 min Scan# 2098
 Delta R.T. 0.006 min
 Lab File: BM013560.D
 Acq: 10 Jan 2018 11:01

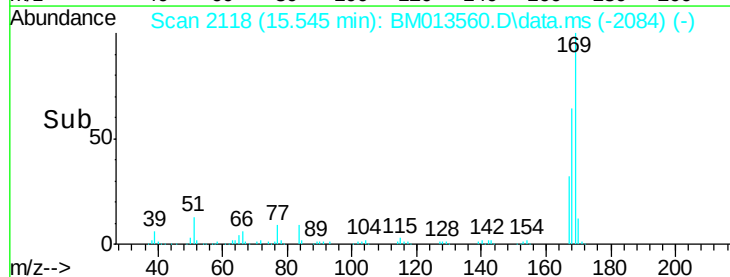
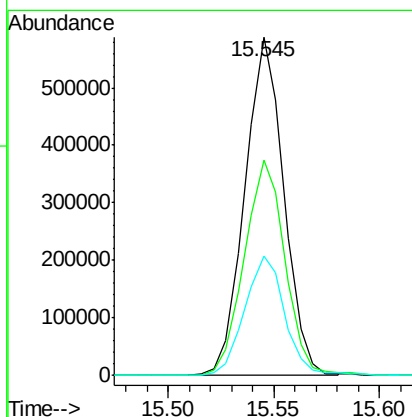
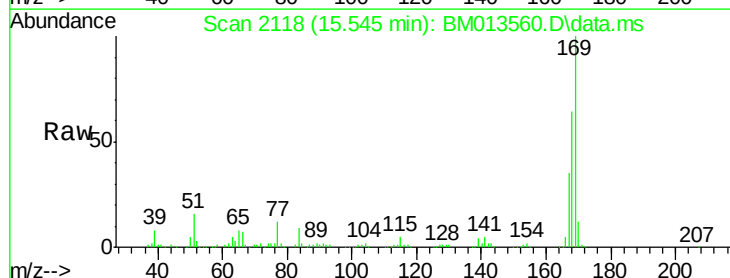
Instrument :
 BNA_M
 ClientSampleId :
 SST04011

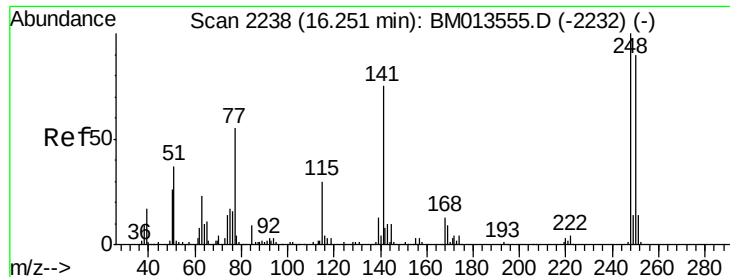
Tot Ion	Ratio	Lower	Upper
198	100		
182	5.4	3.8	5.6
77	29.4	25.2	37.8



#64
 N-Nitrosodiphenylamine
 Concen: 41.79 ng/ul
 RT: 15.545 min Scan# 2118
 Delta R.T. -0.000 min
 Lab File: BM013560.D
 Acq: 10 Jan 2018 11:01

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.7	54.0	81.0
167	35.4	29.1	43.7





#65

4-Bromophenyl-phenylether

Concen: 41.63 ng/ul

RT: 16.221 min Scan# 2238

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Instrument :

BNA_M

ClientSampleId :

SSTD04011

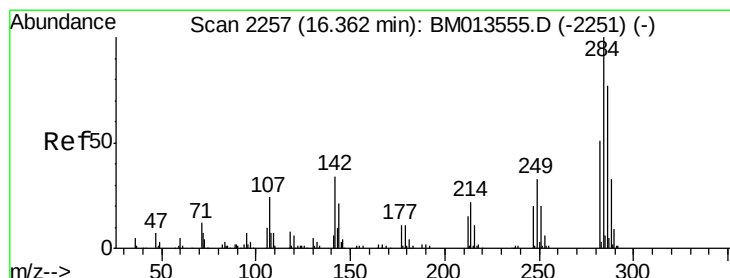
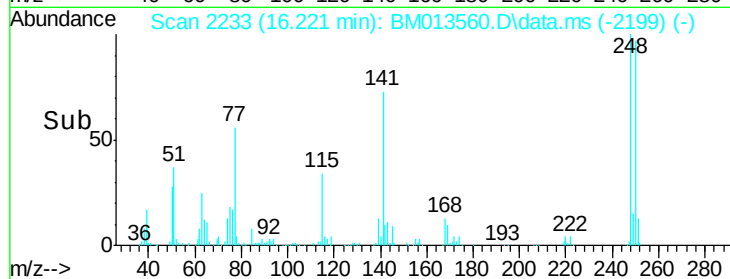
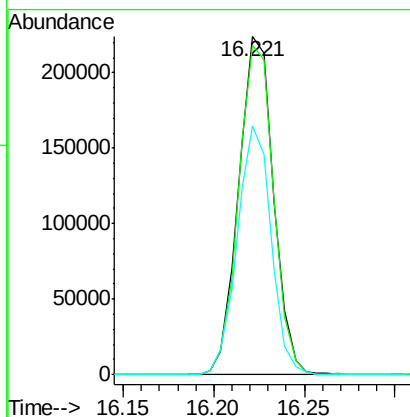
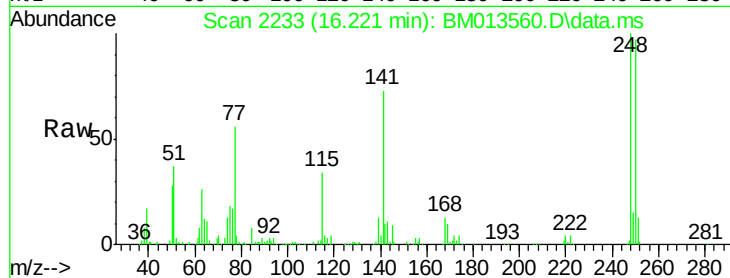
Tot Ion:248 Resp: 299292

Ion Ratio Lower Upper

248 100

250 97.4 80.5 120.7

141 73.5 53.6 80.4



#66

Hexachlorobenzene

Concen: 39.62 ng/ul

RT: 16.333 min Scan# 2252

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

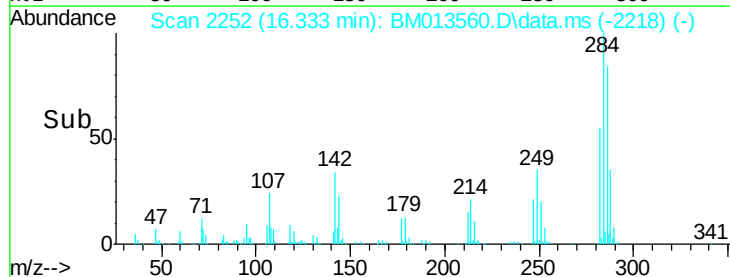
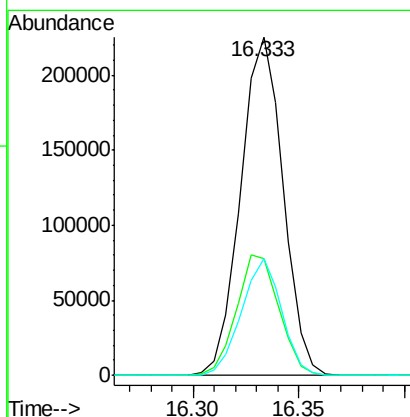
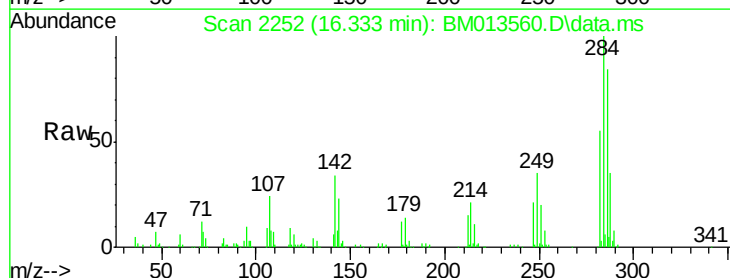
Tgt Ion:284 Resp: 314155

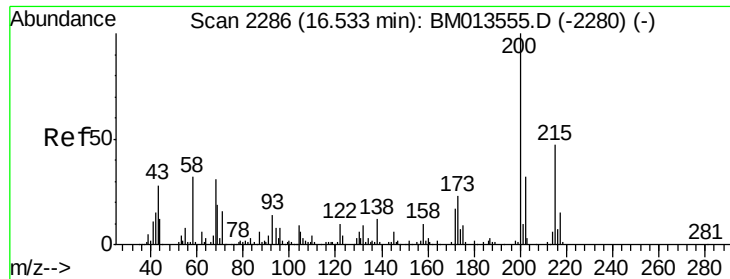
Ion Ratio Lower Upper

284 100

142 34.5 21.2 31.8#

249 34.7 24.5 36.7

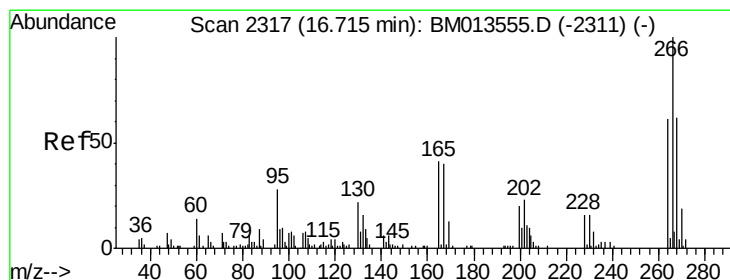
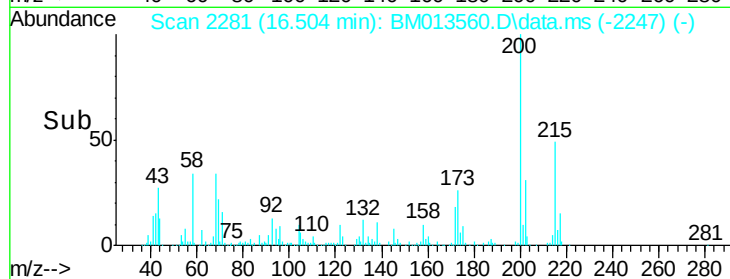
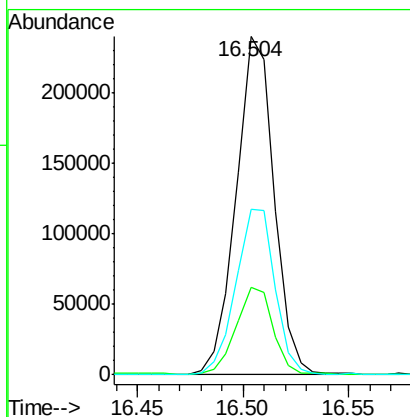
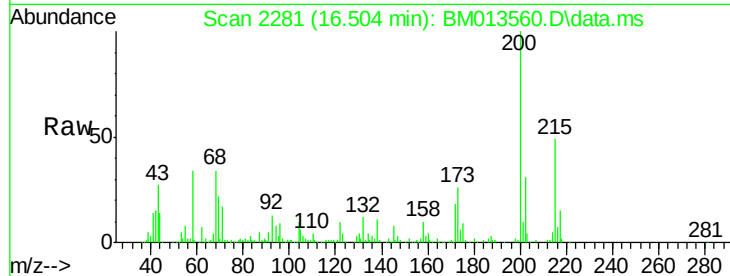




#67
 Atrazine
 Concen: 44.74 ng/ul
 RT: 16.504 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: BM013560.D
 Acq: 10 Jan 2018 11:01

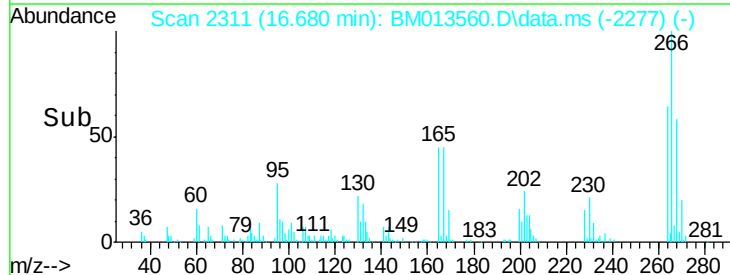
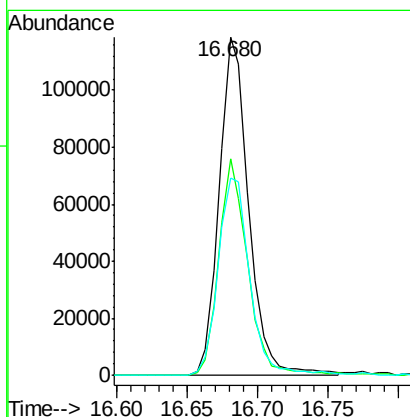
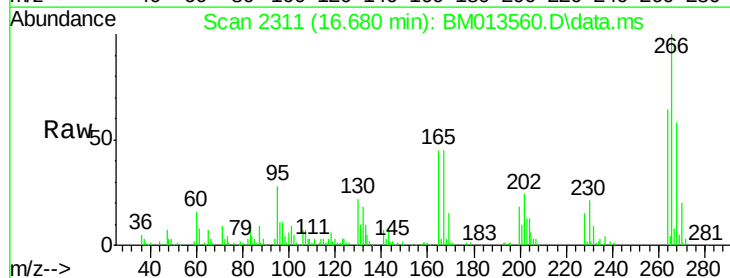
Instrument :
 BNA_M
 ClientSampleId :
 SST04011

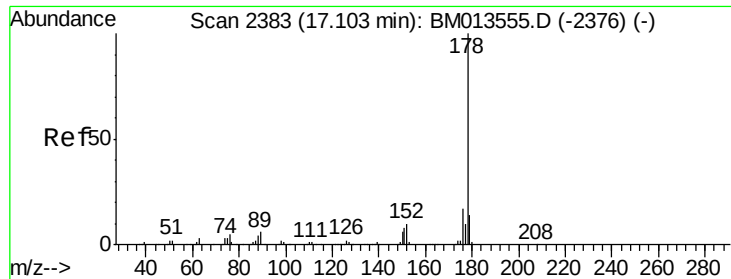
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	18.2	27.2
215	48.9	35.0	52.4



#68
 Pentachlorophenol
 Concen: 37.52 ng/ul
 RT: 16.680 min Scan# 2311
 Delta R.T. -0.000 min
 Lab File: BM013560.D
 Acq: 10 Jan 2018 11:01

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.0	49.3	73.9
268	58.5	52.6	78.8





#69

Phenanthrene

Concen: 40.06 ng/ul

RT: 17.068 min Scan# 23

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Instrument :

BNA_M

ClientSampleId :

SSTD04011

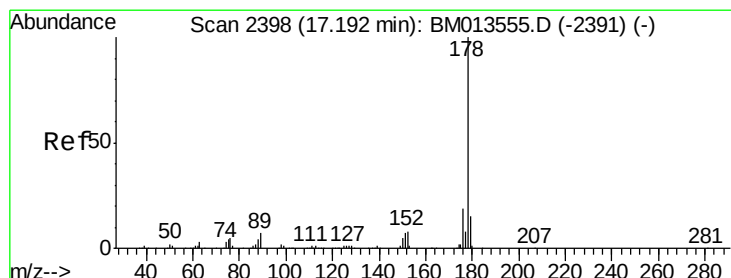
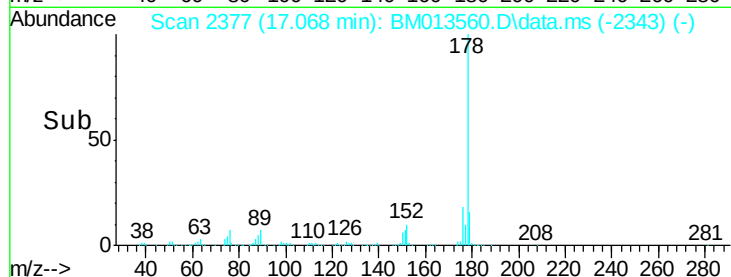
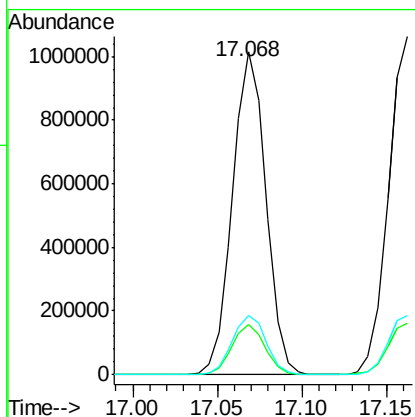
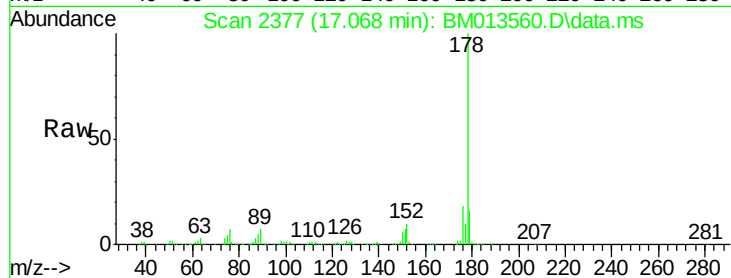
Tot Ion:178 Resp: 1391957

Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

176 18.1 14.9 22.3



#71

Anthracene

Concen: 41.14 ng/ul

RT: 17.163 min Scan# 2393

Delta R.T. 0.006 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

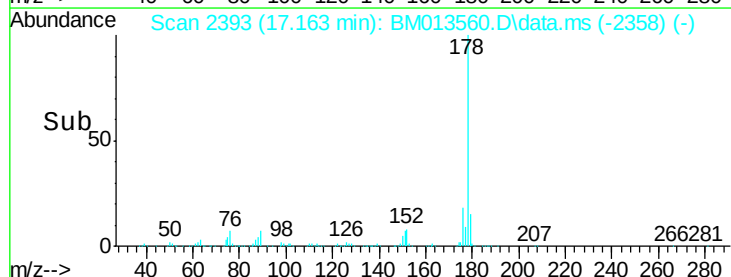
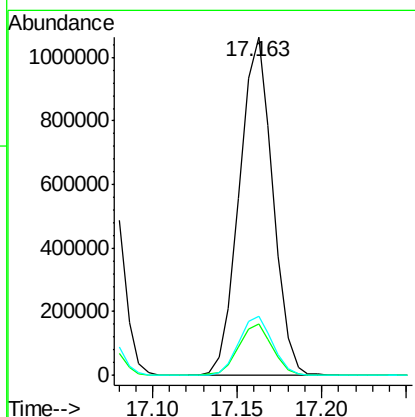
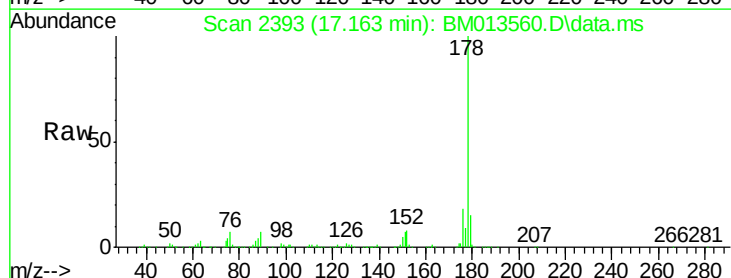
Tgt Ion:178 Resp: 1461317

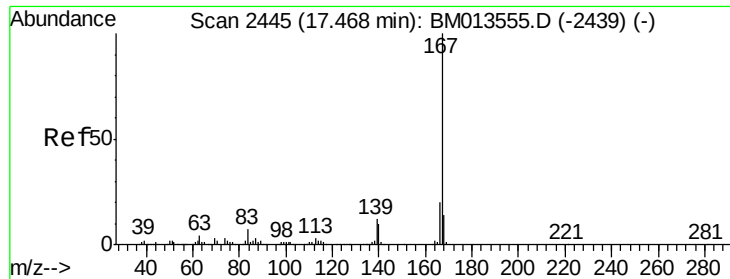
Ion Ratio Lower Upper

178 100

179 15.2 11.7 17.5

176 17.6 14.6 21.8

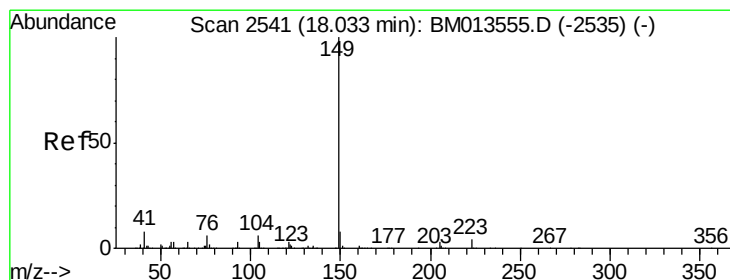
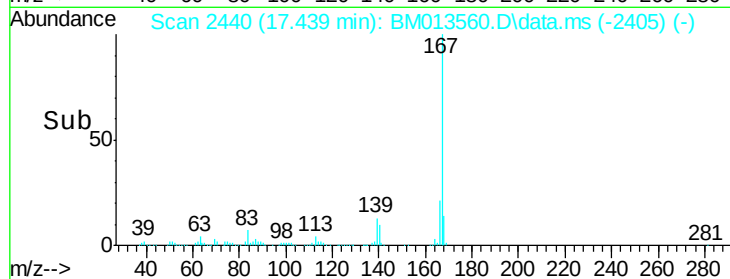
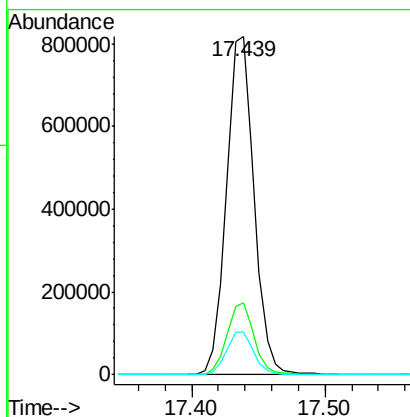
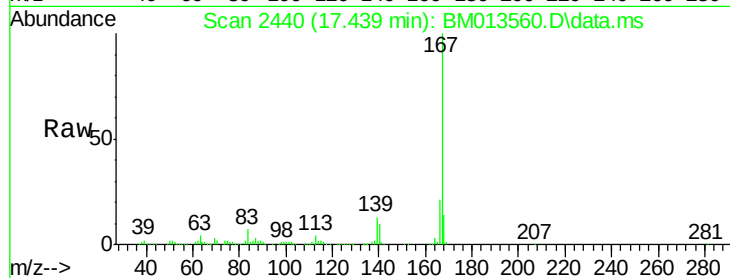




#72
 Carbazole
 Concen: 38.80 ng/ul
 RT: 17.439 min Scan# 2445
 Delta R.T. 0.006 min
 Lab File: BM013560.D
 Acq: 10 Jan 2018 11:01

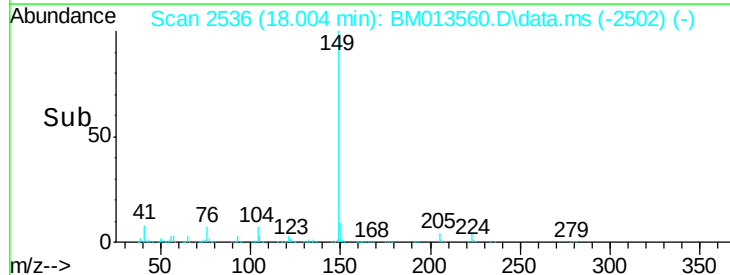
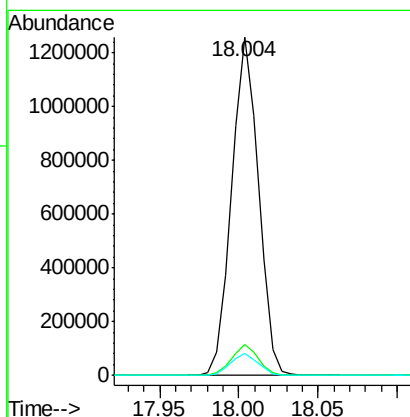
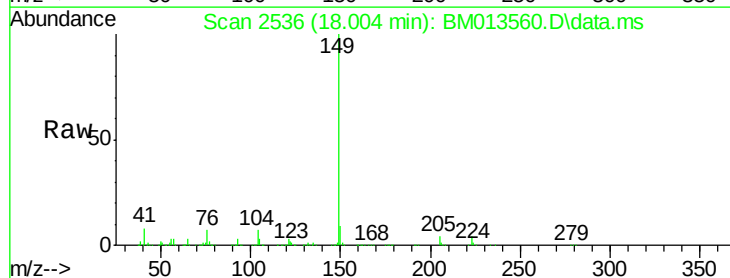
Instrument :
 BNA_M
 ClientSampleId :
 SSTD04011

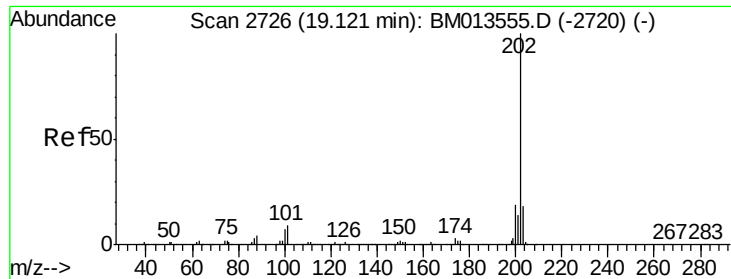
Tot Ion:167 Resp: 1185194
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 12.5 10.0 15.0



#73
 Di-n-butylphthalate
 Concen: 41.33 ng/ul
 RT: 18.004 min Scan# 2536
 Delta R.T. -0.000 min
 Lab File: BM013560.D
 Acq: 10 Jan 2018 11:01

Tgt Ion:149 Resp: 1474016
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.1 10.7
 104 6.6 5.6 8.4

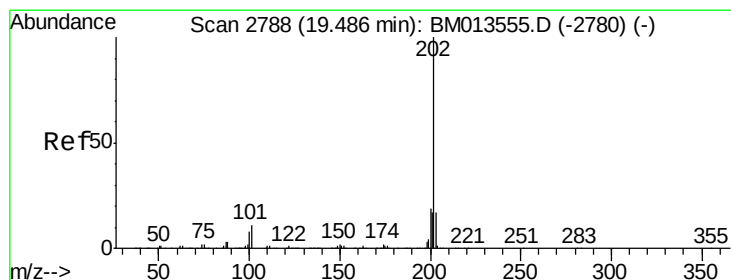
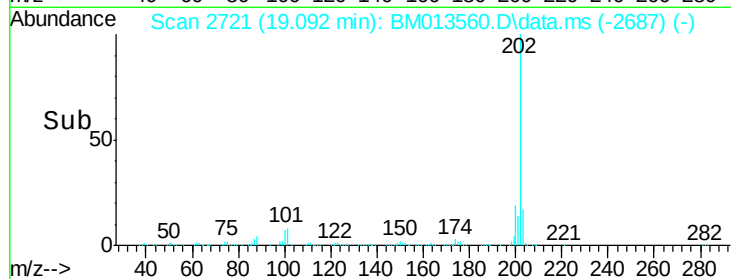
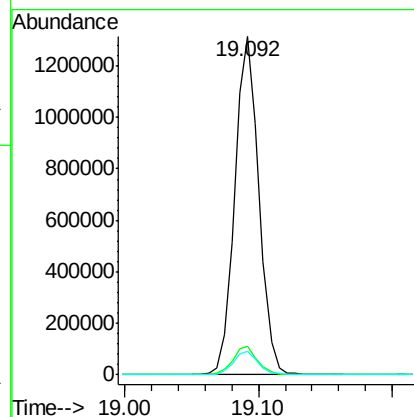
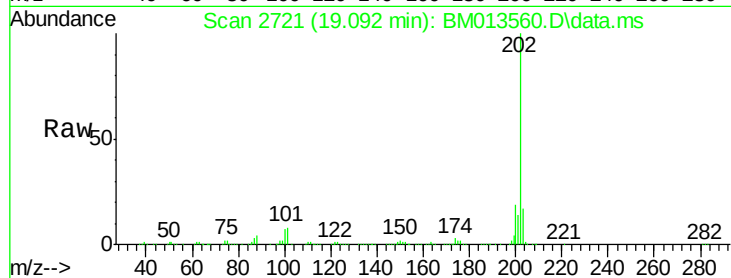




#74
 Fluoranthene
 Concen: 38.99 ng/ul
 RT: 19.092 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: BM013560.D
 Acq: 10 Jan 2018 11:01

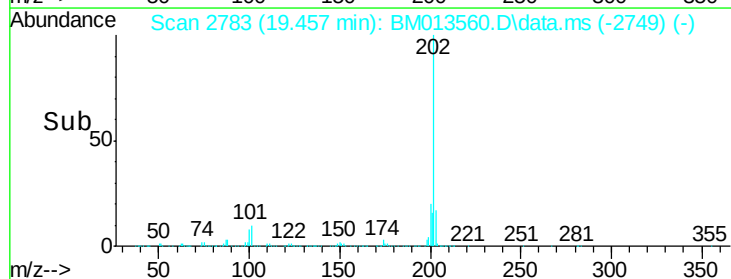
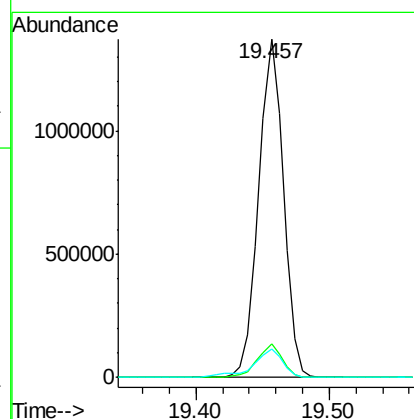
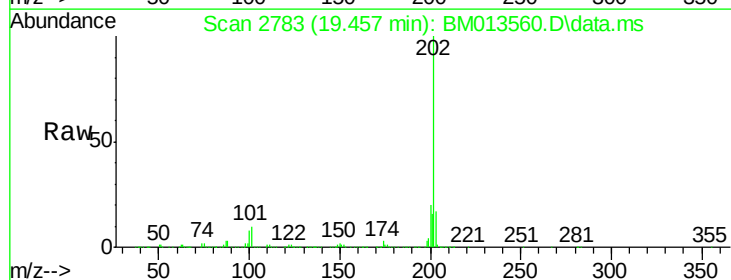
Instrument :
 BNA_M
 ClientSampleId :
 SSTD04011

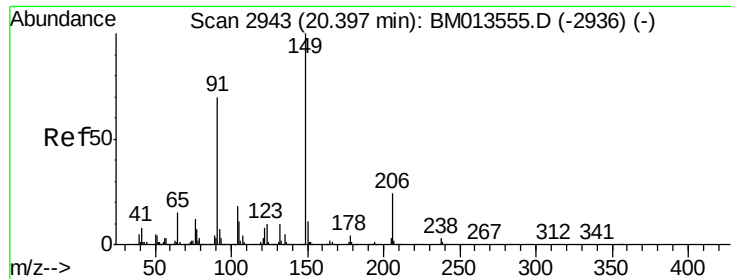
Tot Ion:202 Resp: 1660068
 Ion Ratio Lower Upper
 202 100
 101 8.3 4.6 7.0#
 100 7.0 3.4 5.2#



#77
 Pyrene
 Concen: 42.39 ng/ul
 RT: 19.457 min Scan# 2783
 Delta R.T. -0.000 min
 Lab File: BM013560.D
 Acq: 10 Jan 2018 11:01

Tgt Ion:202 Resp: 1751893
 Ion Ratio Lower Upper
 202 100
 101 9.9 5.1 7.7#
 100 8.5 4.9 7.3#





#78

Butylbenzylphthalate

Concen: 40.19 ng/ul

RT: 20.368 min Scan# 29

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Instrument :

BNA_M

ClientSampleId :

SSTD04011

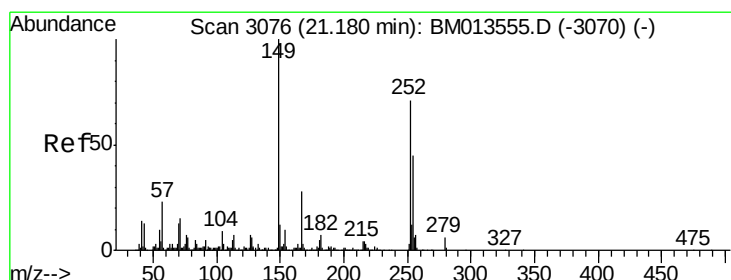
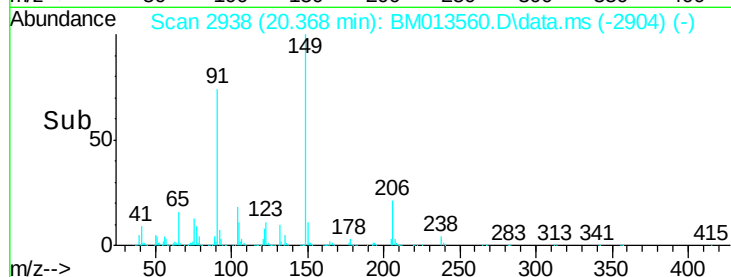
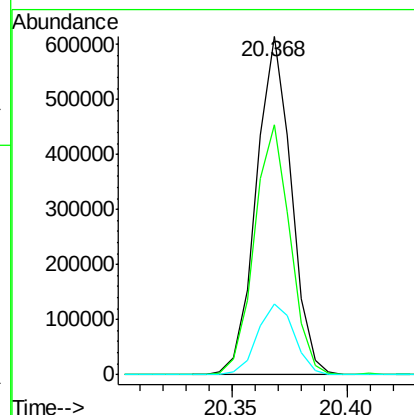
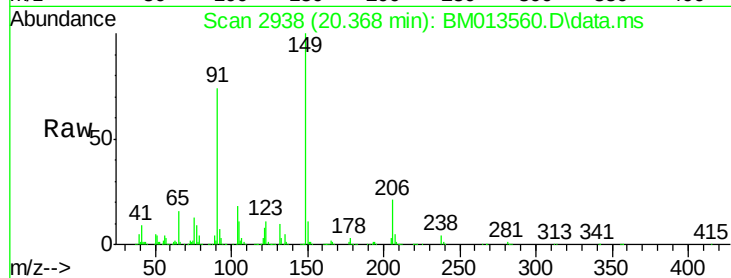
Tot Ion:149 Resp: 649007

Ion Ratio Lower Upper

149 100

91 73.7 62.7 94.1

206 21.0 20.8 31.2



#79

3,3'-Dichlorobenzidine

Concen: 35.23 ng/ul

RT: 21.145 min Scan# 3070

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

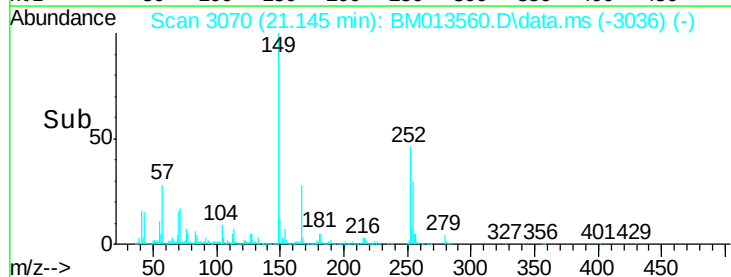
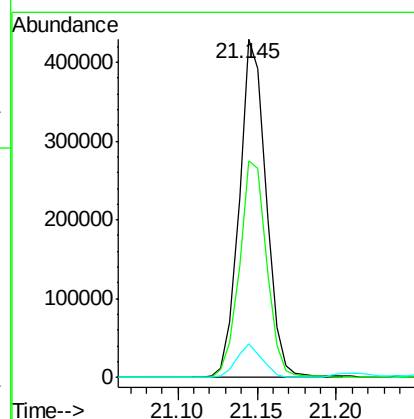
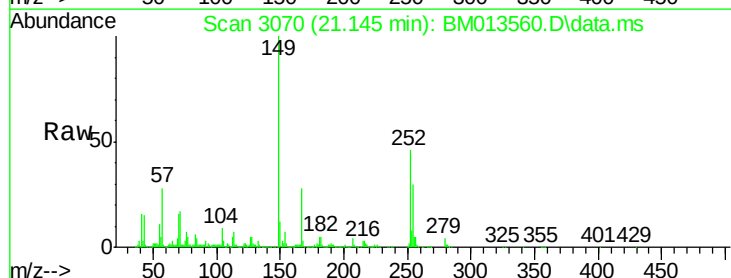
Tgt Ion:252 Resp: 503717

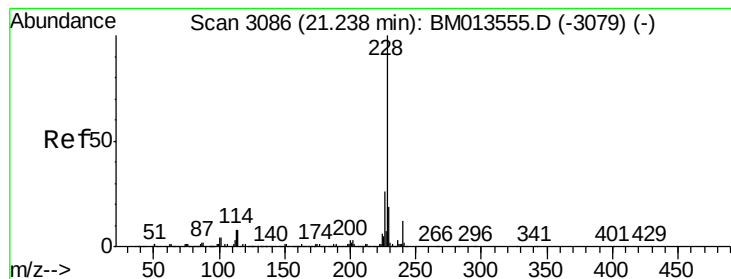
Ion Ratio Lower Upper

252 100

254 64.0 54.5 81.7

126 9.9 5.8 8.8#





#80

Benzo(a)anthracene

Concen: 39.95 ng/ul

RT: 21.209 min Scan# 3086

Delta R.T. 0.006 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Instrument :

BNA_M

ClientSampleId :

SSTD04011

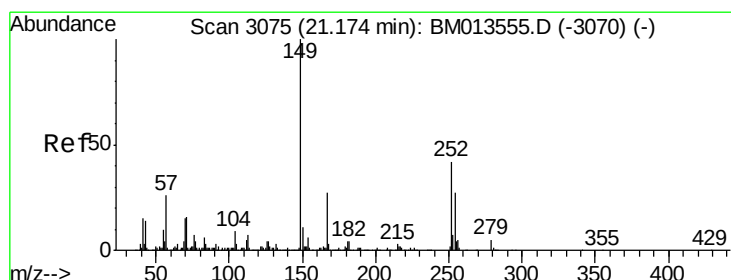
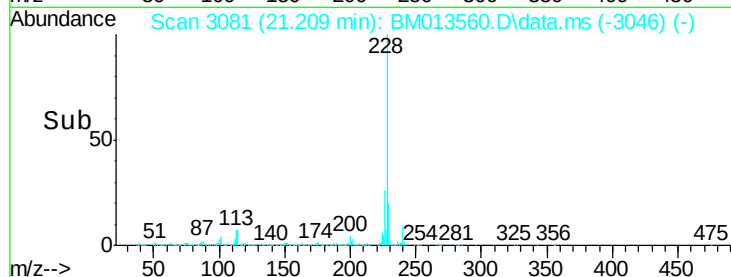
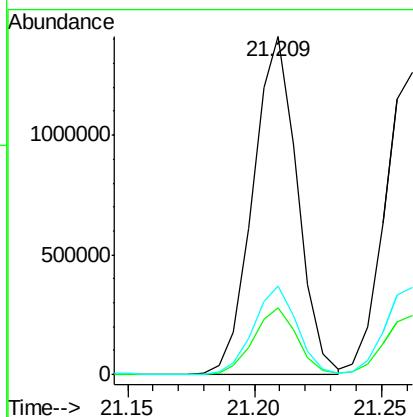
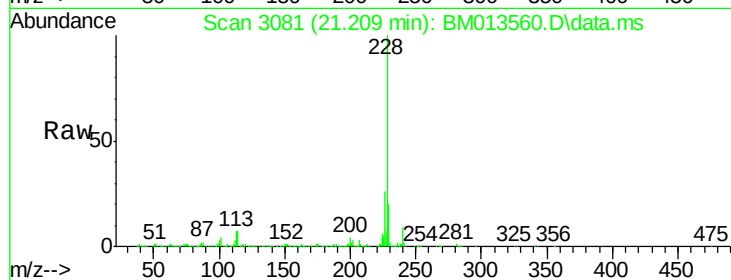
Tot Ion:228 Resp: 1724096

Ion Ratio Lower Upper

228 100

229 19.6 15.4 23.0

226 26.2 21.4 32.0



#81

Bis(2-ethylhexyl)phthalate

Concen: 39.83 ng/ul

RT: 21.145 min Scan# 3070

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

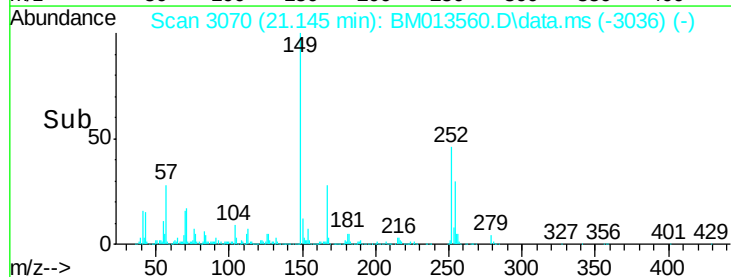
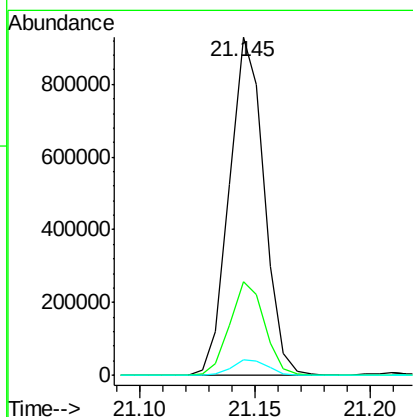
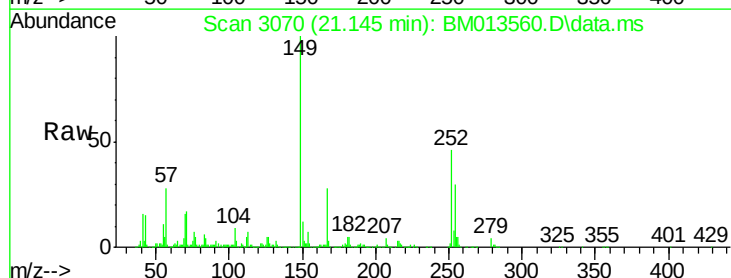
Tgt Ion:149 Resp: 969302

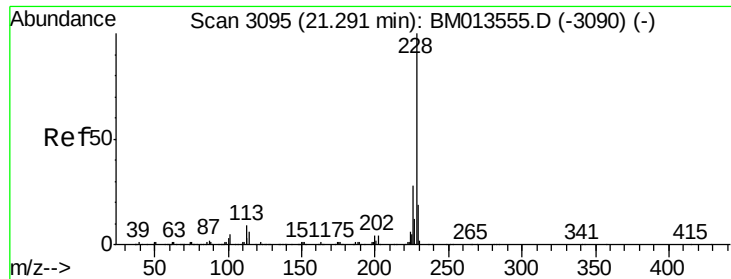
Ion Ratio Lower Upper

149 100

167 27.7 22.8 34.2

279 4.4 4.9 7.3#





#82

Chrysene

Concen: 38.11 ng/ul

RT: 21.262 min Scan# 3090

Delta R.T. 0.006 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Instrument :

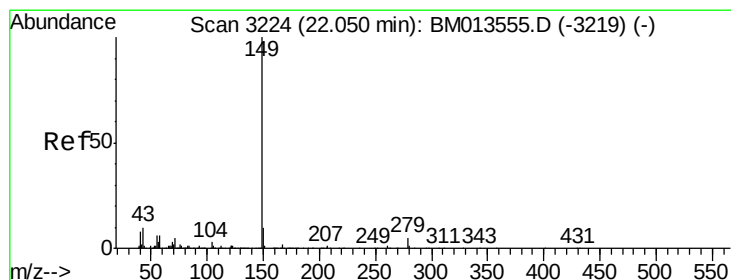
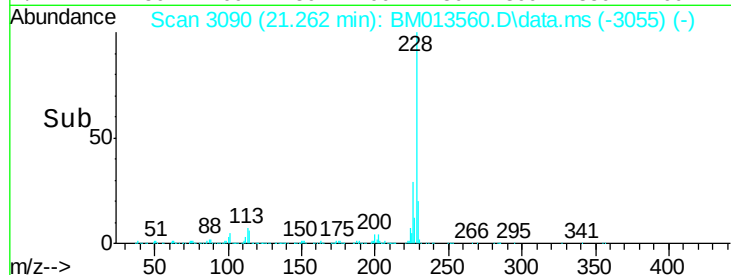
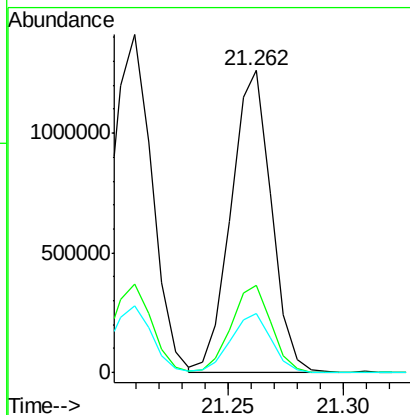
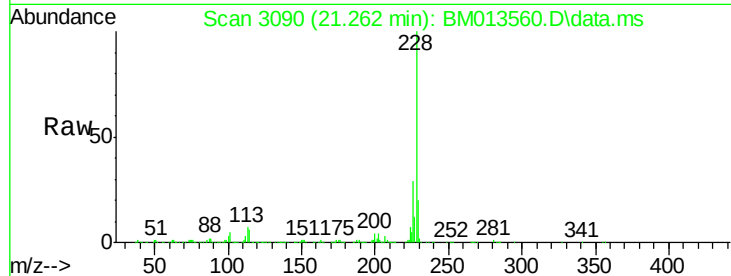
BNA_M

ClientSampleId :

SSTD04011

Tot Ion:228 Resp: 1526021

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	19.6	15.5	23.3



#84

Di-n-octyl phthalate

Concen: 34.17 ng/ul

RT: 22.015 min Scan# 3218

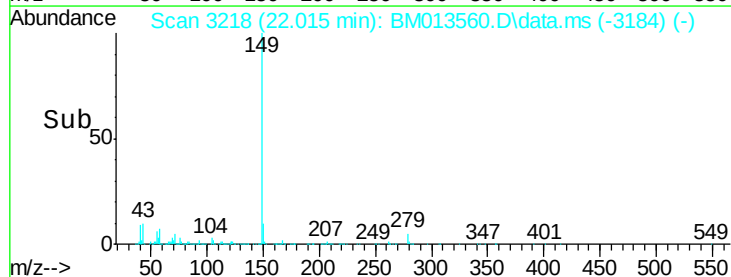
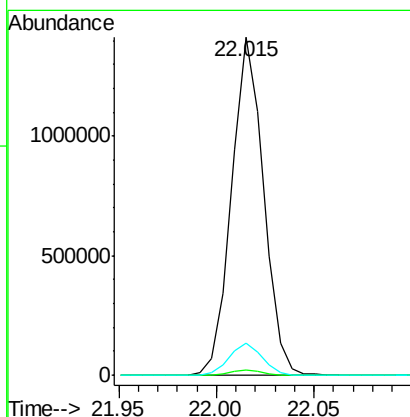
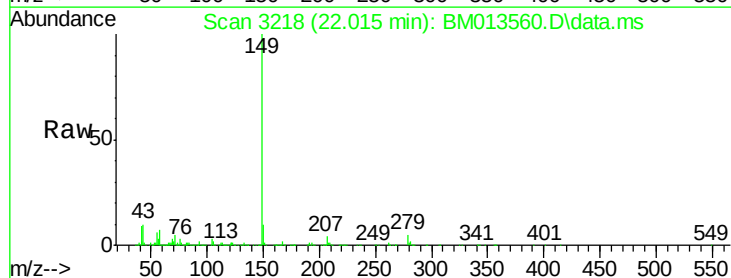
Delta R.T. -0.000 min

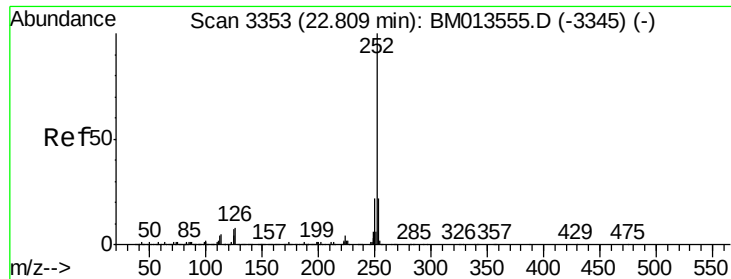
Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Tgt Ion:149 Resp: 1601407

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	7.3	10.9





#85

Benzo(b)fluoranthene

Concen: 39.35 ng/ul

RT: 22.768 min Scan# 33

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Instrument :

BNA_M

ClientSampleId :

SSTD04011

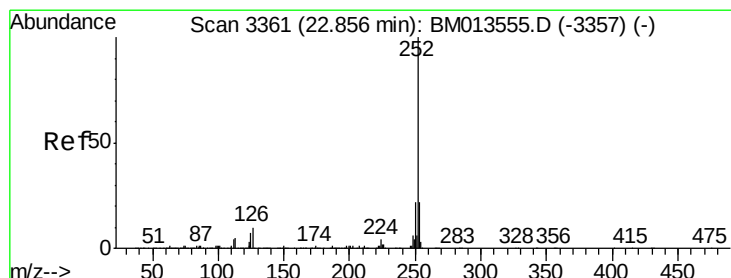
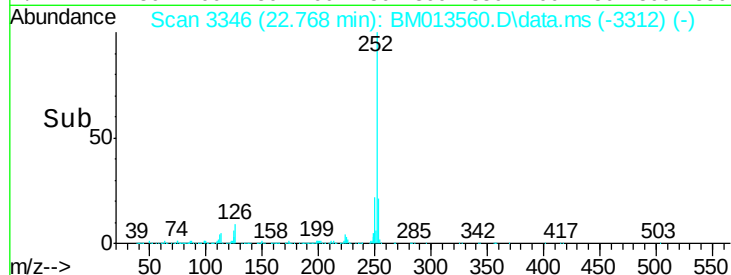
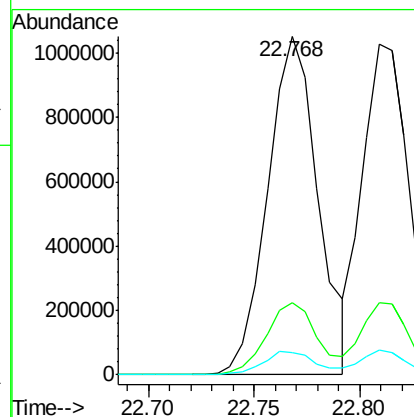
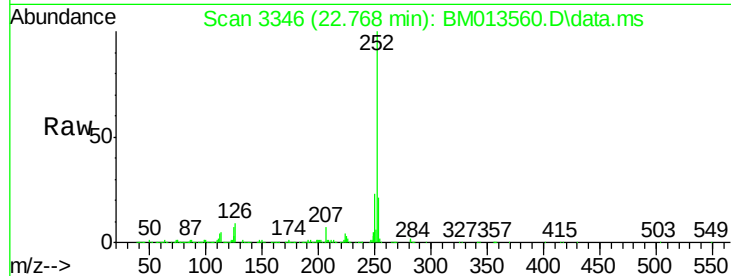
Tot Ion:252 Resp: 1747995

Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

125 6.5 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 37.91 ng/ul

RT: 22.809 min Scan# 3353

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

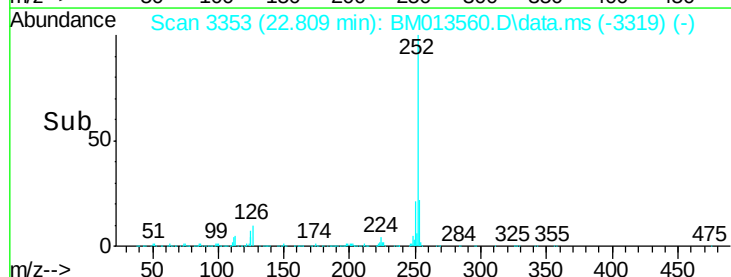
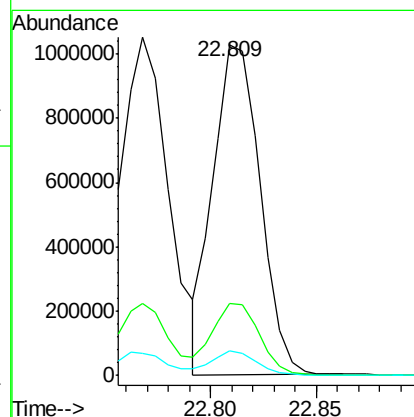
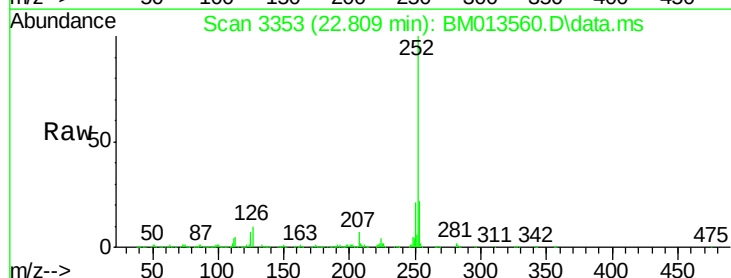
Tgt Ion:252 Resp: 1584830

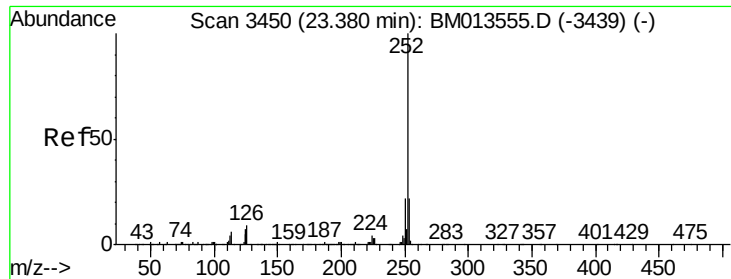
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 7.4 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 39.92 ng/ul

RT: 23.333 min Scan# 34

Delta R.T. 0.006 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Instrument :

BNA_M

ClientSampleId :

SSTD04011

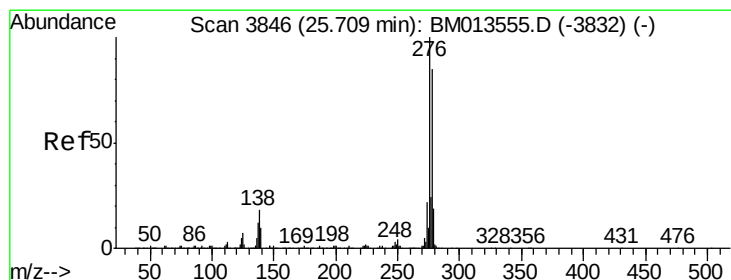
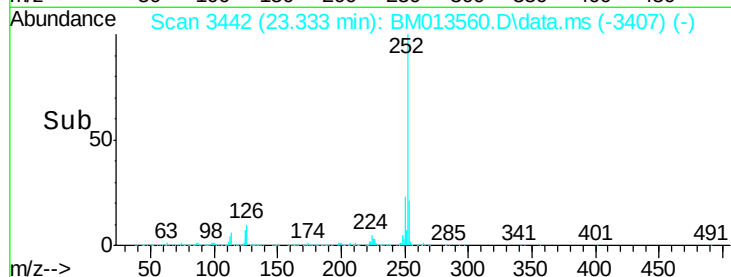
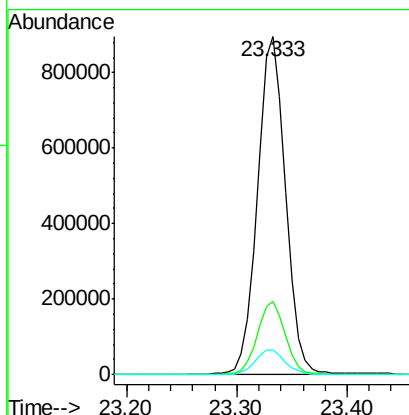
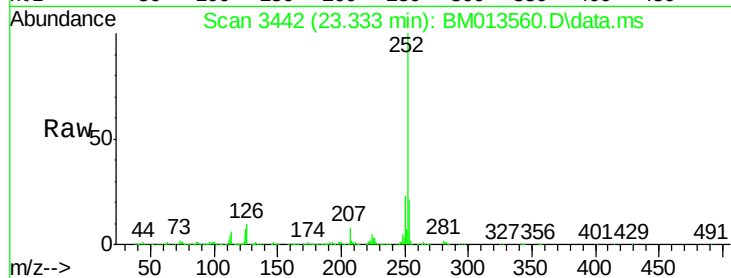
Tot Ion:252 Resp: 1593110

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.2

125 7.3 4.0 6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 46.19 ng/ul

RT: 25.633 min Scan# 3833

Delta R.T. -0.000 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

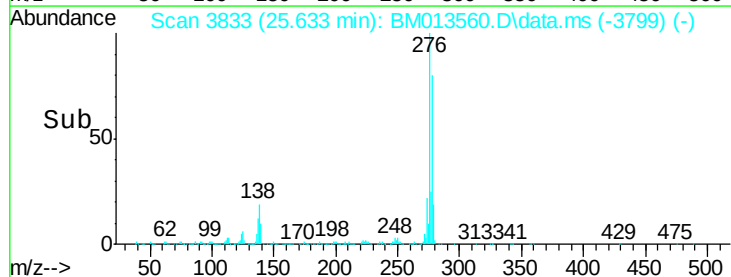
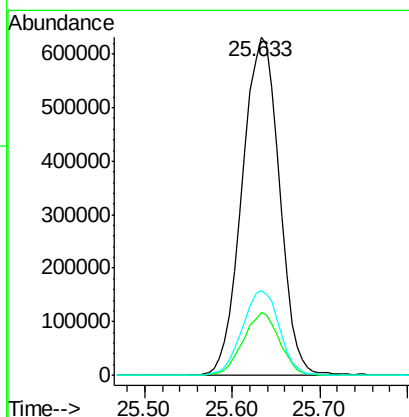
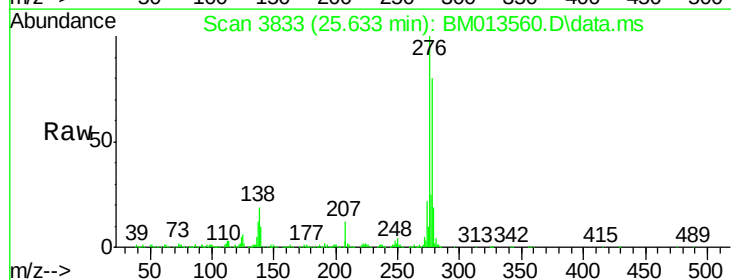
Tgt Ion:276 Resp: 1828861

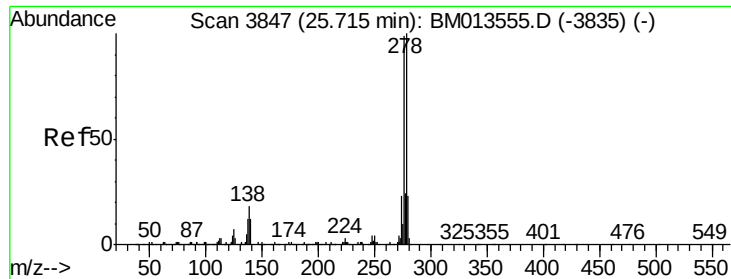
Ion Ratio Lower Upper

276 100

138 18.8 9.3 13.9#

277 25.0 19.9 29.9





#90

Dibenzo(a,h)anthracene

Concen: 45.68 ng/ul

RT: 25.644 min Scan# 38

Delta R.T. 0.006 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Instrument :

BNA_M

ClientSampleId :

SSTD04011

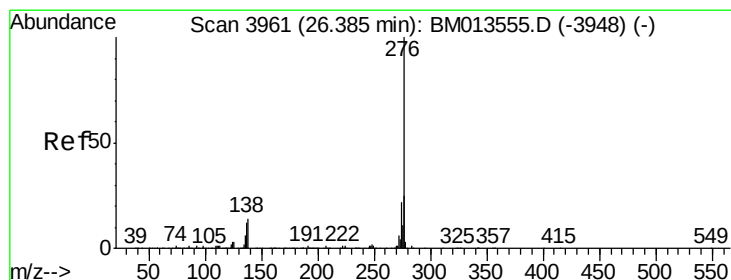
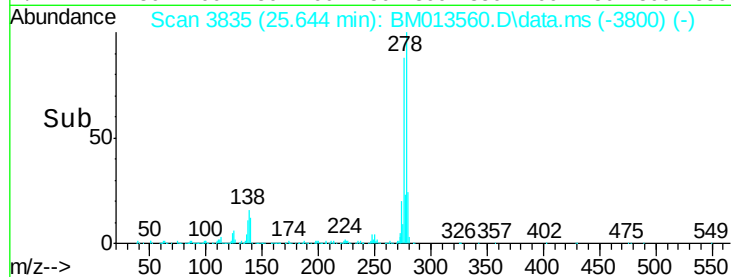
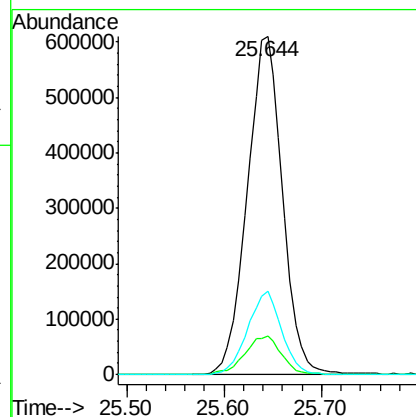
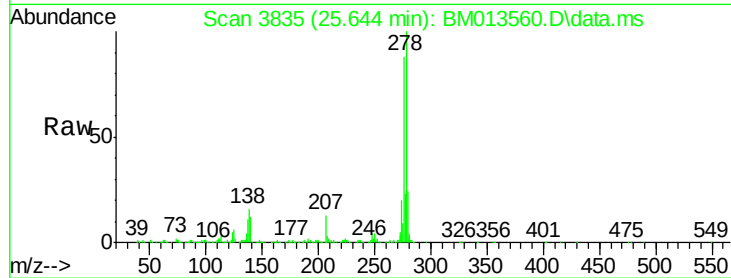
Tot Ion:278 Resp: 1540213

Ion Ratio Lower Upper

278 100

139 11.5 5.8 8.8#

279 24.5 18.6 27.8



#91

Benzo(g,h,i)perylene

Concen: 48.01 ng/ul

RT: 26.309 min Scan# 3948

Delta R.T. 0.006 min

Lab File: BM013560.D

Acq: 10 Jan 2018 11:01

Tgt Ion:276 Resp: 1499617

Ion Ratio Lower Upper

276 100

138 15.8 8.5 12.7#

277 23.8 18.6 28.0

