

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
 Data File : BM012023.D
 Acq On : 09 Oct 2017 21:26
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02035

Quant Time: Oct 10 01:19:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 01:14:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	221597	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	983676	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	615541	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1494687	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1913056	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1996013	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	38057	8.12	ng/uL	0.00
5) Phenol-d5	7.00	99	371404	19.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	227011	20.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	323100	21.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	324852	19.71	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	153233	21.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	176604	22.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	343025	21.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	424239	24.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1114966	20.90	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1340413	21.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	172131	18.47	ng/ul	0.00
57) Fluorene-d10	15.49	176	975044	20.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	194219	19.31	ng/ul	0.00
70) Anthracene-d10	17.34	188	1535689	20.85	ng/ul	0.00
76) Pyrene-d10	19.63	212	1851788	21.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	2025408	21.09	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.29	88	38752	8.140	ng/uL#	70
4) Benzaldehyde	6.99	77	209626	22.065	ng/ul	93
6) Phenol	7.03	94	368015	19.507	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.27	93	283145	19.988	ng/ul	96
10) 2-Chlorophenol	7.40	128	315687	21.122	ng/ul	98
11) 2-Methylphenol	8.29	108	283870	19.784	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.38	45	366257	20.217	ng/ul#	86
14) Acetophenone	8.67	105	471972	19.571	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.65	70	253166	20.514	ng/ul#	72
16) 4-Methylphenol	8.62	108	320219	19.938	ng/ul	97
17) Hexachloroethane	8.92	117	128495	21.428	ng/ul	82
20) Nitrobenzene	9.05	77	367749	21.730	ng/ul	94
21) Isophorone	9.58	82	666179	21.109	ng/ul#	93
23) 2-Nitrophenol	9.76	139	185631	22.385	ng/ul#	78
24) 2,4-Dimethylphenol	9.82	107	377616	21.232	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.06	93	409245	21.119	ng/ul	95
27) 2,4-Dichlorophenol	10.30	162	334624	21.748	ng/ul#	92
28) Naphthalene	10.70	128	1021694	20.705	ng/ul	100
30) 4-Chloroaniline	10.81	127	402425	23.572	ng/ul	95
31) Hexachlorobutadiene	10.97	225	236319	20.934	ng/ul	94
32) Caprolactam	11.59	113	95175	18.867	ng/ul#	46
33) 4-Chloro-3-methylphenol	11.93	107	348967	20.865	ng/ul	94
34) 2-Methylnaphthalene	12.31	142	780177	20.735	ng/ul	99

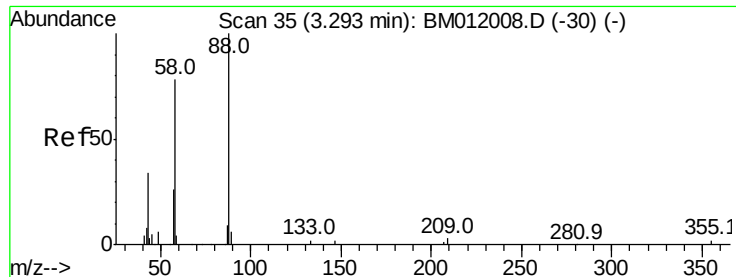
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
 Data File : BM012023.D
 Acq On : 09 Oct 2017 21:26
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02035

Quant Time: Oct 10 01:19:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 01:14:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	440205	21.082	ng/ul	98
37) Hexachlorocyclopentadiene	12.65	237	302072	24.855	ng/ul	98
38) 2,4,6-Trichlorophenol	12.92	196	290779	21.925	ng/ul	99
39) 2,4,5-Trichlorophenol	13.00	196	297648	21.323	ng/ul	98
40) 1,1'-Biphenyl	13.32	154	1035405	21.039	ng/ul	99
41) 2-Chloronaphthalene	13.37	162	813945	21.136	ng/ul	98
42) 2-Nitroaniline	13.58	65	217589	22.258	ng/ul	89
44) Dimethylphthalate	13.95	163	1070590	20.860	ng/ul	99
45) 2,6-Dinitrotoluene	14.07	165	210828	21.787	ng/ul	93
47) Acenaphthylene	14.22	152	1284250	21.128	ng/ul	100
48) 3-Nitroaniline	14.40	138	188853	21.010	ng/ul	86
49) Acenaphthene	14.56	153	882132	20.972	ng/ul	99
50) 2,4-Dinitrophenol	14.62	184	103772	16.227	ng/ul	93
52) 4-Nitrophenol	14.71	109	153169	20.563	ng/ul	81
53) Dibenzofuran	14.89	168	1281106	20.986	ng/ul	99
54) 2,4-Dinitrotoluene	14.86	165	315542	22.054	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.12	232	285084	20.913	ng/ul#	84
56) Diethylphthalate	15.31	149	1089648	20.917	ng/ul	95
58) Fluorene	15.54	166	1059813	20.789	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.53	204	551321	20.448	ng/ul	97
60) 4-Nitroaniline	15.57	138	215832	20.612	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.63	198	198353	19.304	ng/ul#	90
64) N-Nitrosodiphenylamine	15.74	169	909392	21.062	ng/ul	100
65) 4-Bromophenyl-phenylether	16.43	248	345218	20.619	ng/ul	97
66) Hexachlorobenzene	16.54	284	390797	20.877	ng/ul#	92
67) Atrazine	16.70	200	354142	20.717	ng/ul	97
68) Pentachlorophenol	16.89	266	231386	19.650	ng/ul	96
69) Phenanthrene	17.28	178	1705924	20.749	ng/ul	99
71) Anthracene	17.37	178	1762364	21.067	ng/ul	99
72) Carbazole	17.64	167	1495788	20.641	ng/ul	98
73) Di-n-butylphthalate	18.19	149	1869793	21.534	ng/ul#	97
74) Fluoranthene	19.29	202	2137860	21.311	ng/ul#	90
77) Pyrene	19.66	202	2295693	21.642	ng/ul#	88
78) Butylbenzylphthalate	20.54	149	933319	22.461	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.33	252	784986	22.041	ng/ul#	97
80) Benzo(a)anthracene	21.40	228	2430657	22.179	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.31	149	1371842	22.192	ng/ul#	96
82) Chrysene	21.45	228	2232978	21.444	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	2442767	20.948	ng/ul	100
85) Benzo(b)fluoranthene	23.03	252	2526784	20.827	ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	2557021	21.111	ng/ul#	97
88) Benzo(a)pyrene	23.63	252	2450696	21.022	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.10	276	2589893	20.760	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.11	278	2230565	21.760	ng/ul#	96
91) Benzo(g,h,i)perylene	26.83	276	2101347	20.363	ng/ul#	94

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



#2

1,4-Dioxane

Concen: 8.140 ng/uL

RT: 3.29 min Scan# 35

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD02035

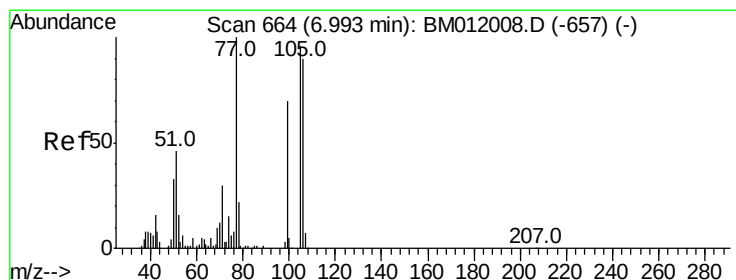
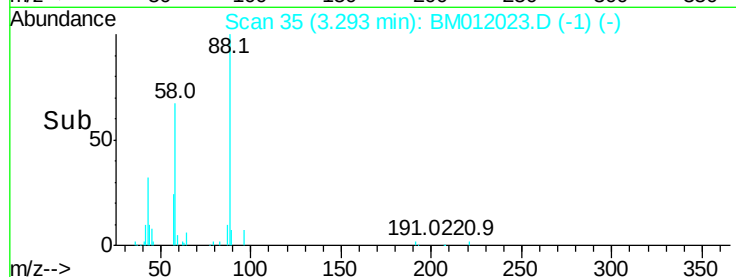
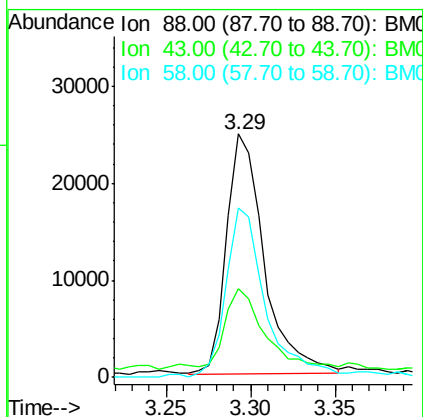
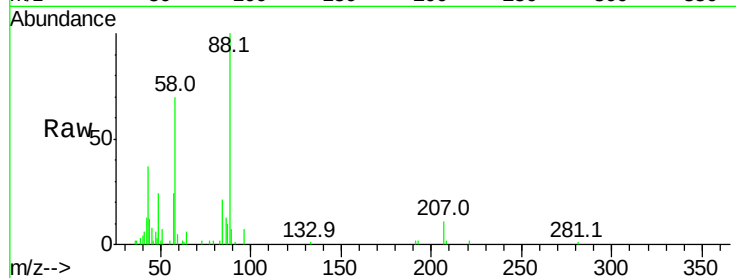
Tot Ion: 88 Resp: 38752

Ion Ratio Lower Upper

88 100

43 34.2 48.0 72.0#

58 72.7 80.0 120.0#



#4

Benzaldehyde

Concen: 22.065 ng/uL

RT: 6.99 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

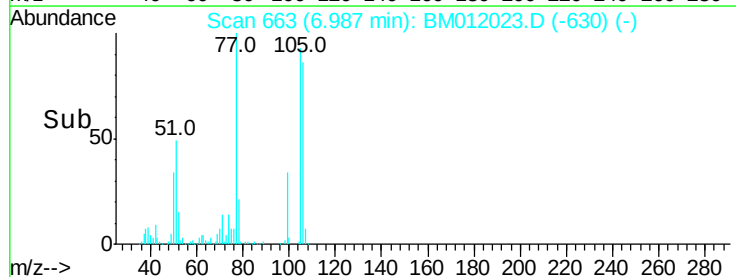
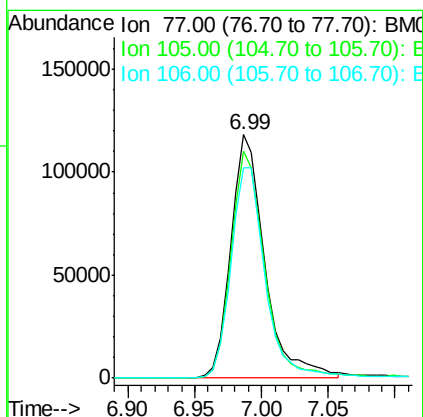
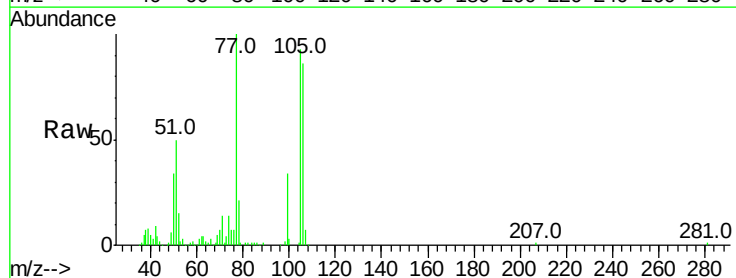
Tgt Ion: 77 Resp: 209626

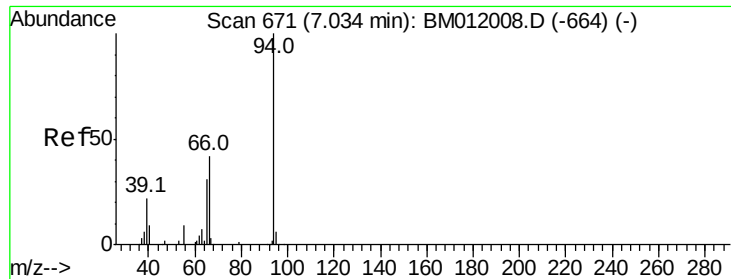
Ion Ratio Lower Upper

77 100

105 93.2 66.1 99.1

106 86.3 67.8 101.6





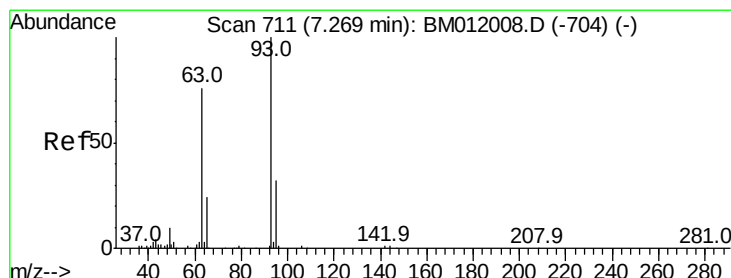
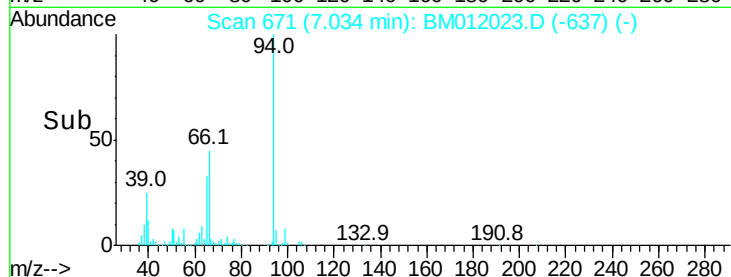
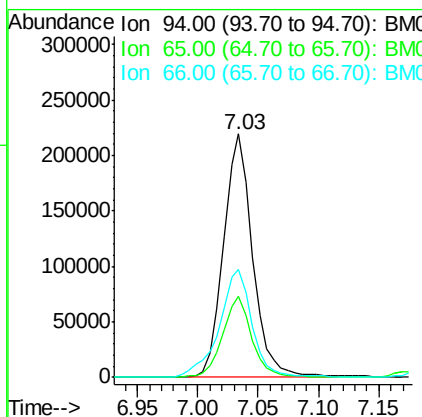
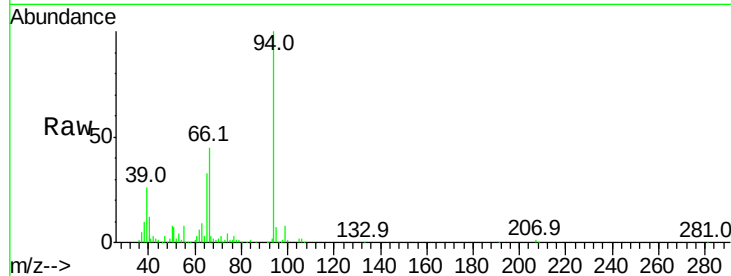
#6

Phenol

Concen: 19.507 ng/ul
 RT: 7.03 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BM012023.D
 Acq: 09 Oct 2017 21:26

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02035

Tot Ion: 94 Resp: 368015
 Ion Ratio Lower Upper
 94 100
 65 33.3 28.2 42.4
 66 44.5 47.2 70.8#

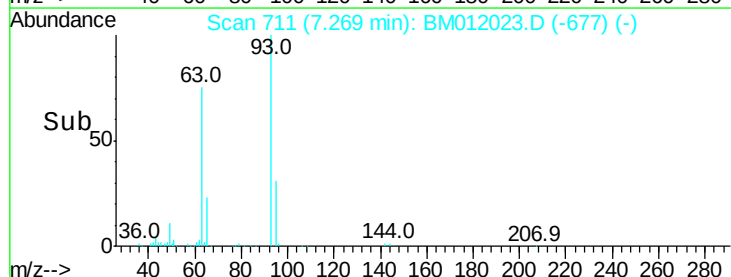
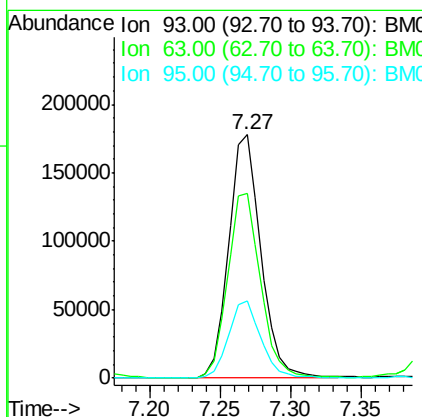
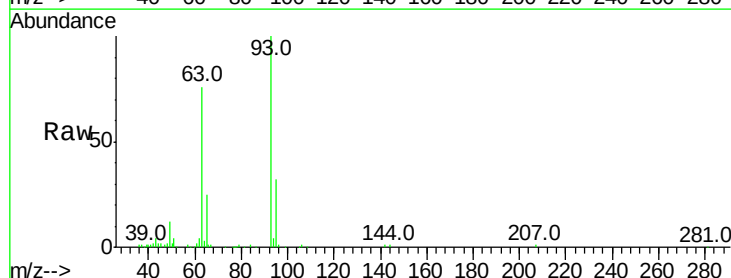


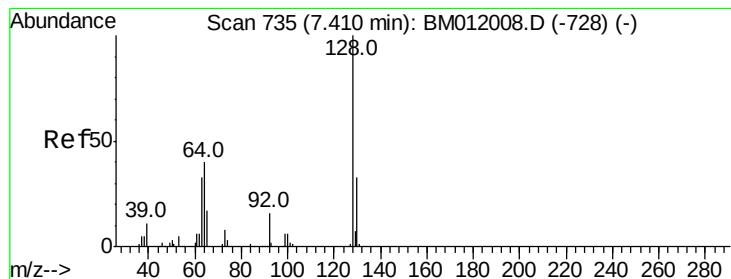
#8

Bis(2-Chloroethyl)ether

Concen: 19.988 ng/ul
 RT: 7.27 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BM012023.D
 Acq: 09 Oct 2017 21:26

Tgt Ion: 93 Resp: 283145
 Ion Ratio Lower Upper
 93 100
 63 75.9 57.3 85.9
 95 31.6 26.6 39.8

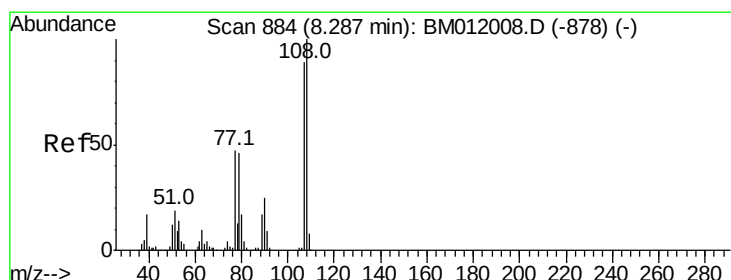
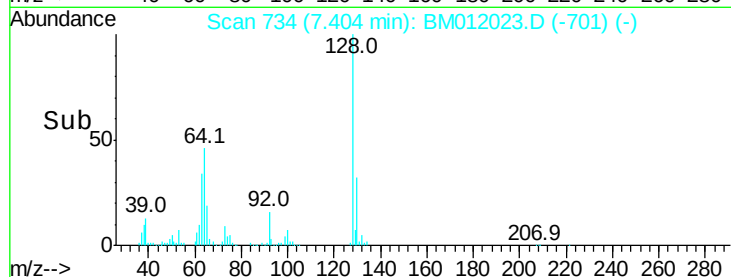
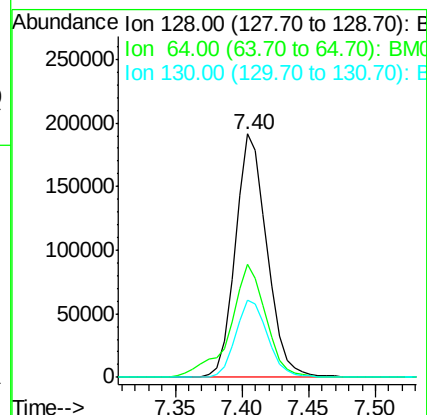
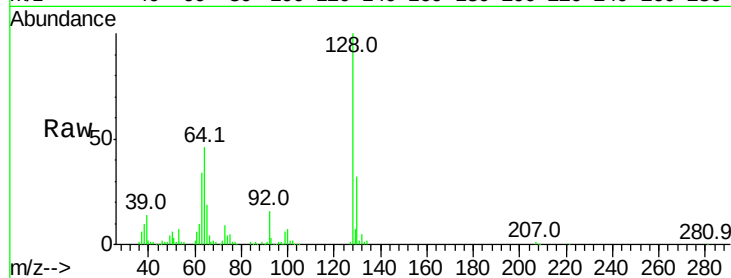




#10
2-Chlorophenol
Concen: 21.122 ng/ul
RT: 7.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

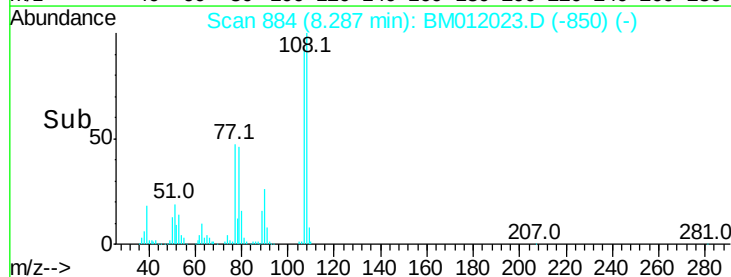
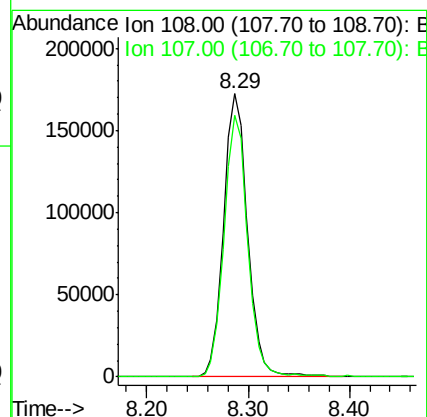
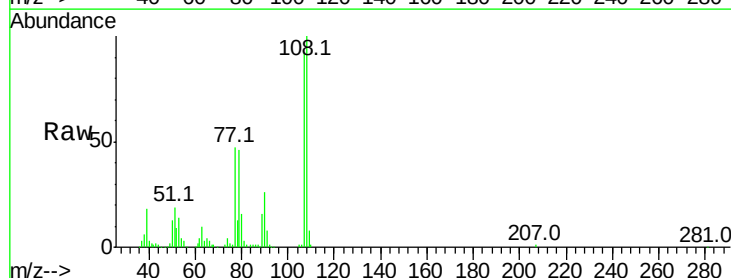
Instrument :
BNA_M
ClientSampleId :
SSTD02035

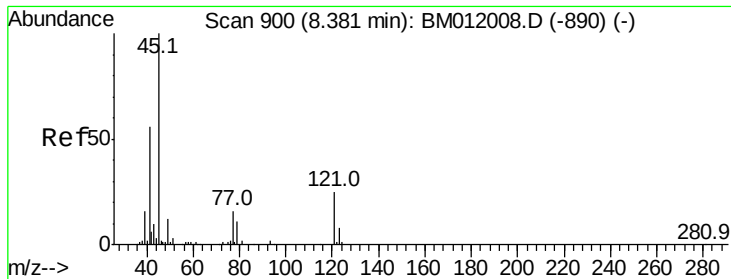
Tot Ion	Ratio	Lower	Upper
128	100		
64	46.5	38.0	57.0
130	31.7	24.4	36.6



#11
2-Methylphenol
Concen: 19.784 ng/ul
RT: 8.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

Tgt Ion	Ratio	Lower	Upper
108	100		
107	92.4	72.6	108.8

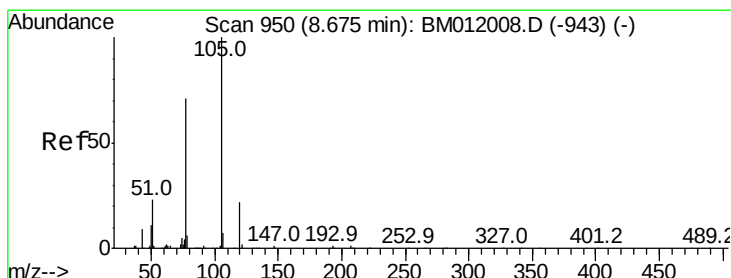
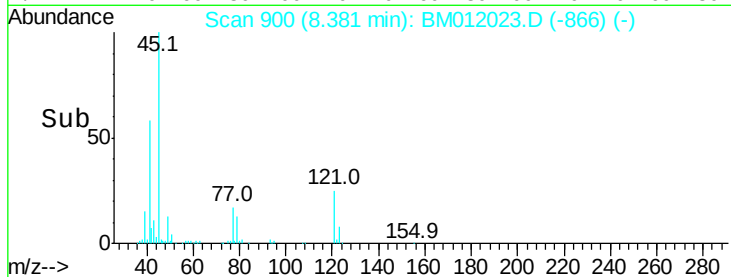
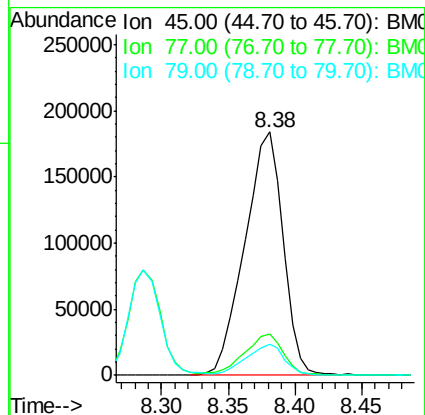
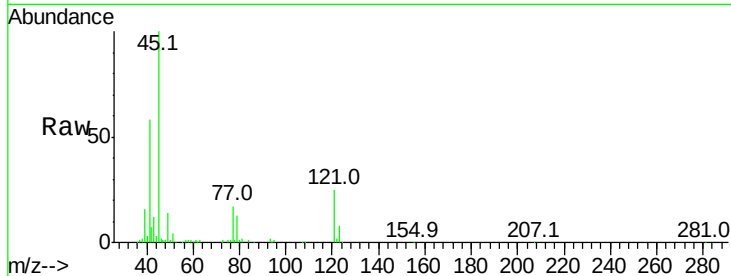




#12
2,2'-oxybis(1-chloropropane)
Concen: 20.217 ng/ul
RT: 8.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

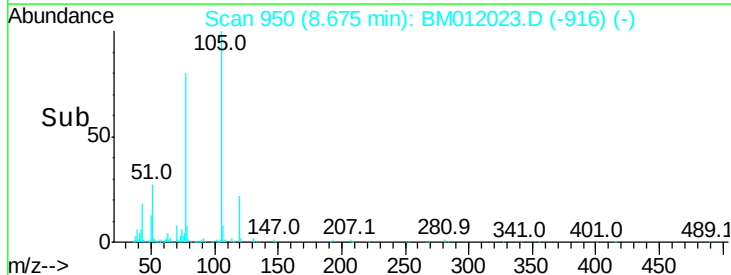
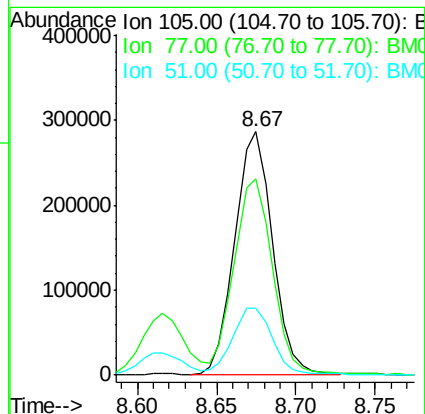
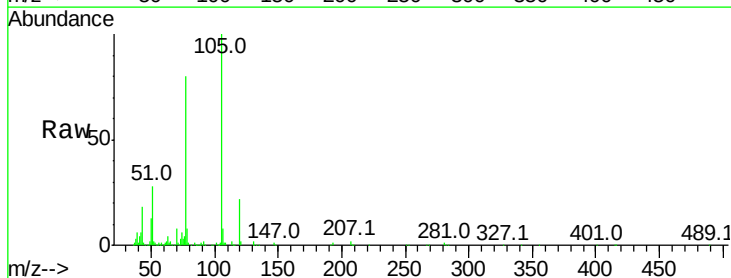
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ClientSampleId :
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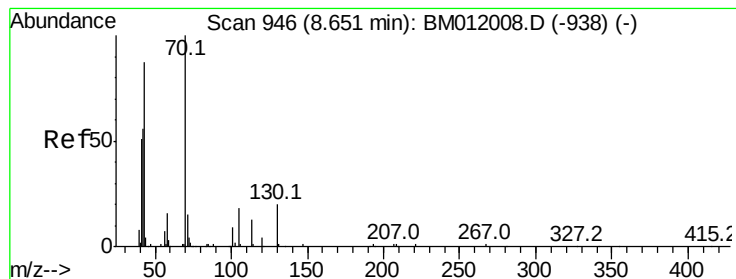
Tot Ion	Ratio	Lower	Upper
45	100		
77	17.2	8.0	12.0#
79	13.0	8.0	12.0#



#14
Acetophenone
Concen: 19.571 ng/ul
RT: 8.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

Tgt Ion	Ratio	Lower	Upper
105	100		
77	80.4	74.2	111.4
51	27.6	23.4	35.2





#15

N-Nitroso-di-n-propylamine

Concen: 20.514 ng/ul

RT: 8.65 min Scan# 946

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD02035

Tot Ion: 70 Resp: 253166

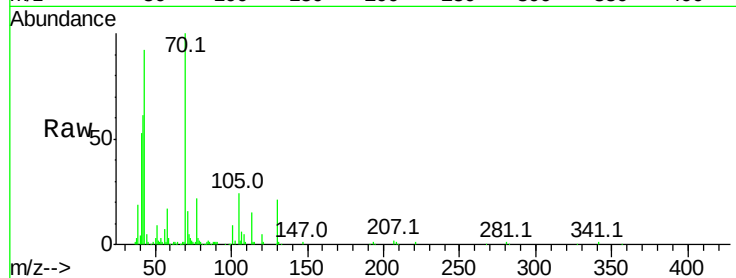
Ion Ratio Lower Upper

70 100

42 61.0 76.0 114.0#

101 9.2 6.7 10.1

130 21.4 14.6 22.0

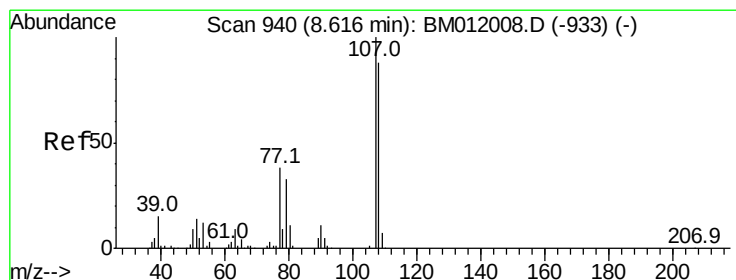
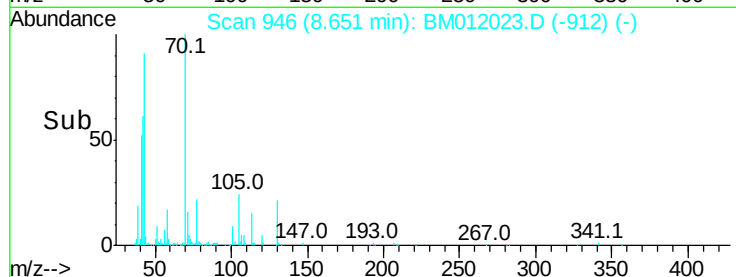
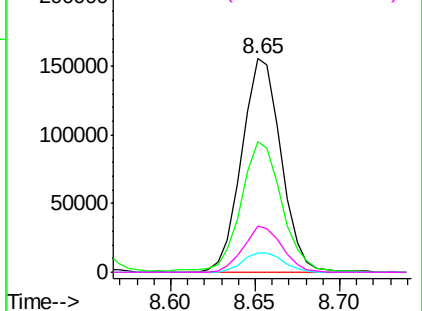


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 19.938 ng/ul

RT: 8.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BM012023.D

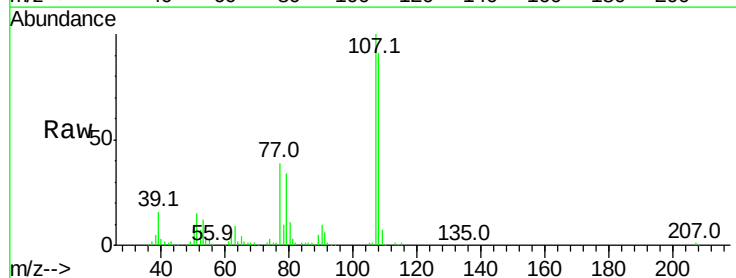
Acq: 09 Oct 2017 21:26

Tgt Ion:108 Resp: 320219

Ion Ratio Lower Upper

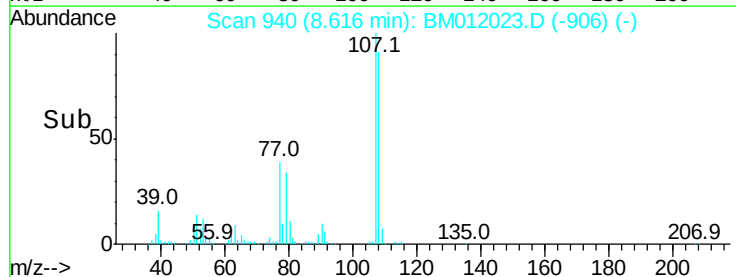
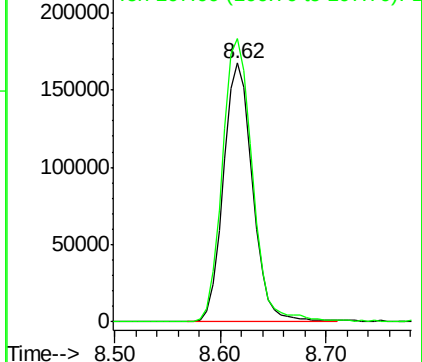
108 100

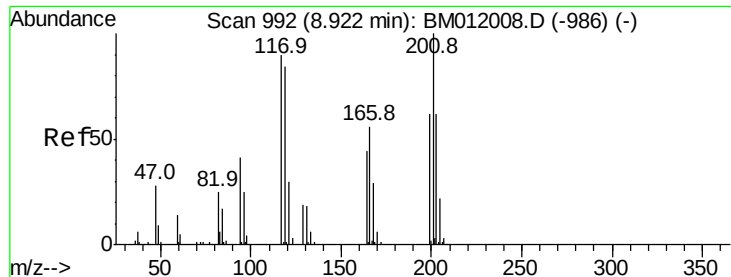
107 109.5 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 21.428 ng/ul

RT: 8.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD02035

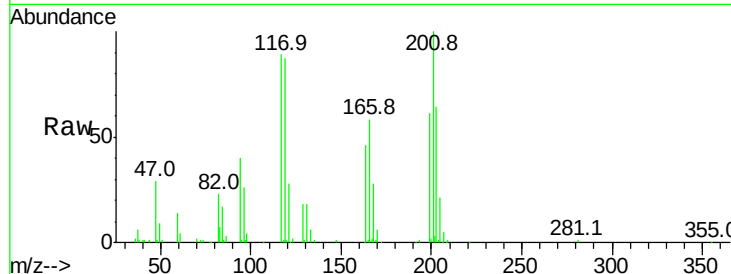
Tot Ion:117 Resp: 128495

Ion Ratio Lower Upper

117 100

201 116.1 111.6 167.4

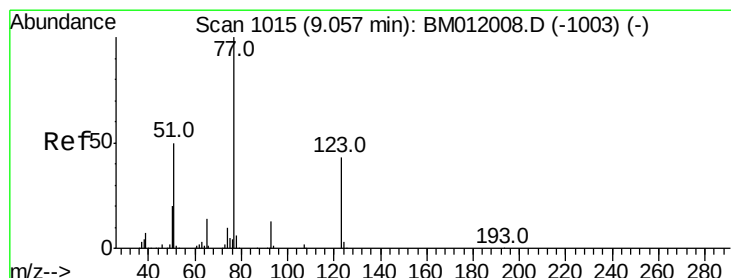
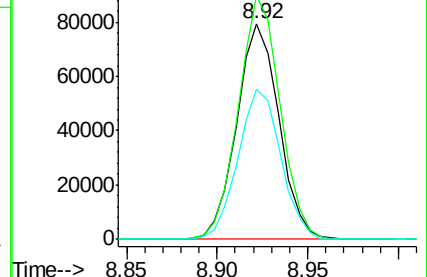
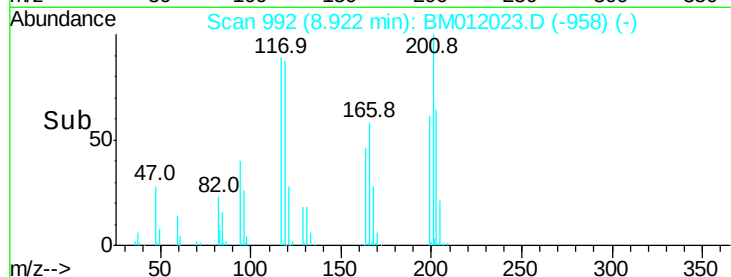
199 69.4 67.8 101.6



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 21.730 ng/ul

RT: 9.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

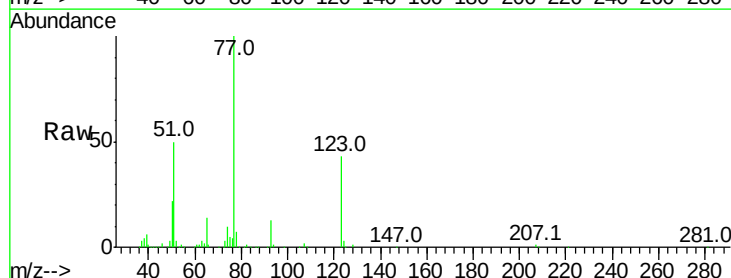
Tgt Ion: 77 Resp: 367749

Ion Ratio Lower Upper

77 100

123 43.0 31.0 46.6

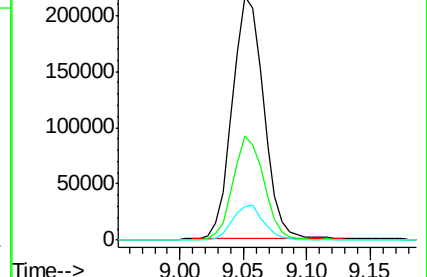
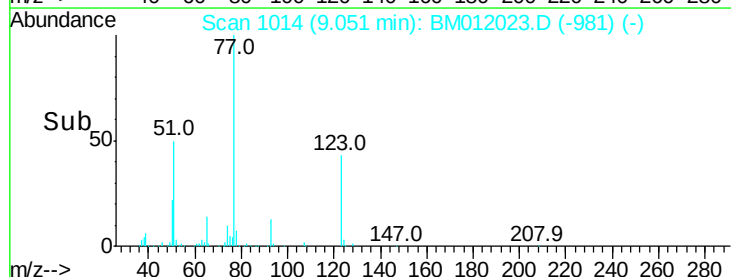
65 13.7 12.2 18.2

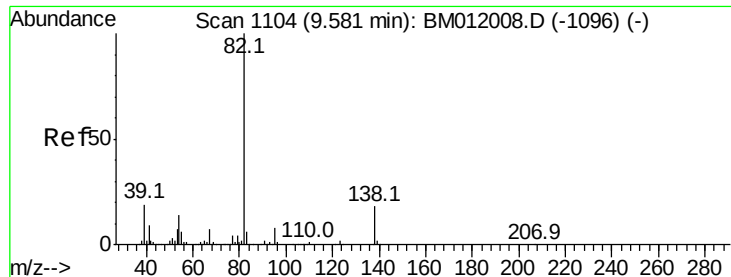


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 21.109 ng/ul

RT: 9.58 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD02035

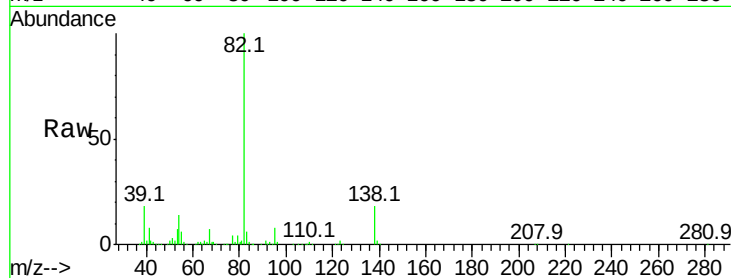
Tot Ion: 82 Resp: 666179

Ion Ratio Lower Upper

82 100

95 8.1 7.8 11.8

138 18.3 11.9 17.9#

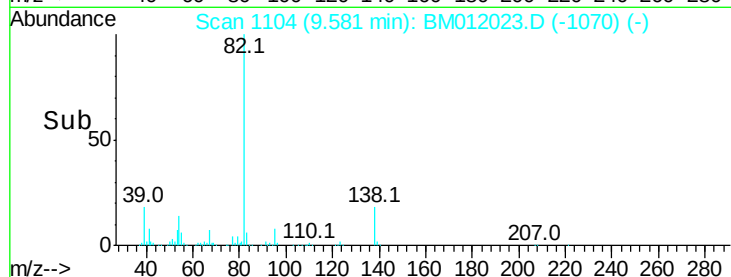


Abundance Ion 82.00 (81.70 to 82.70): BM012023.D (-1102) (-)

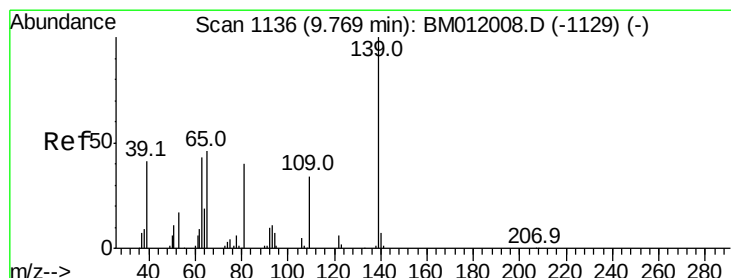
Ion 95.00 (94.70 to 95.70): BM012023.D (-1102) (-)

Ion 138.00 (137.70 to 138.70): BM012023.D (-1102) (-)

Time-->



Time-->



#23

2-Nitrophenol

Concen: 22.385 ng/ul

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

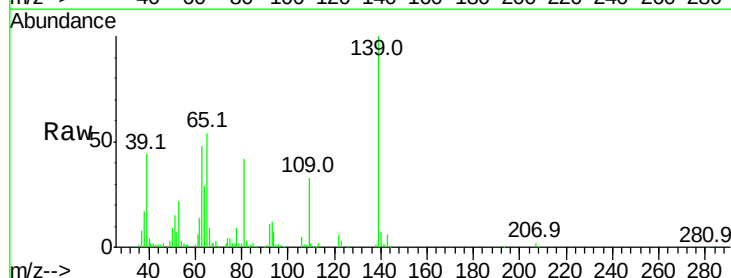
Tgt Ion: 139 Resp: 185631

Ion Ratio Lower Upper

139 100

65 54.3 55.4 83.0#

109 33.0 42.2 63.2#

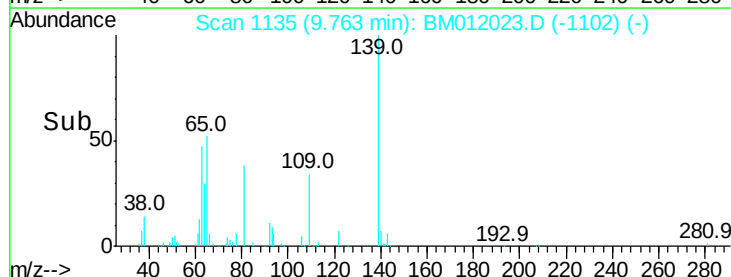


Abundance Ion 139.00 (138.70 to 139.70): BM012023.D (-1102) (-)

Ion 65.00 (64.70 to 65.70): BM012023.D (-1102) (-)

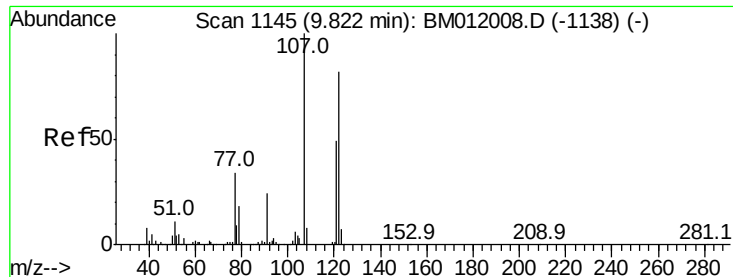
Ion 109.00 (108.70 to 109.70): BM012023.D (-1102) (-)

Time-->



Time-->

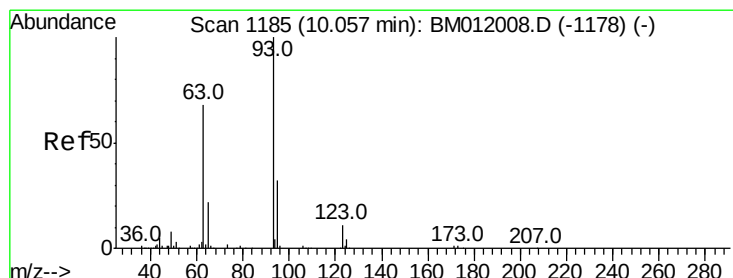
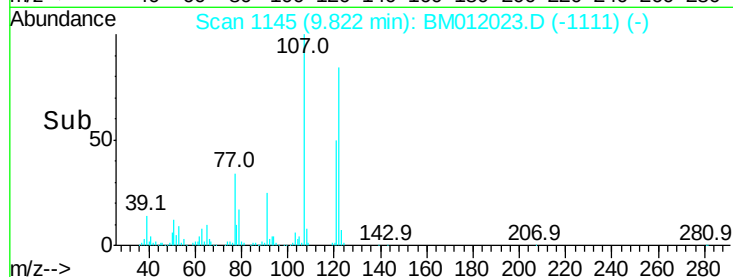
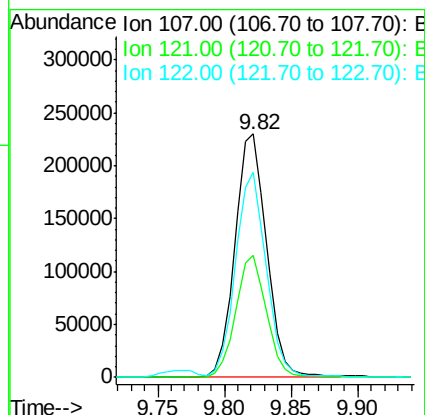
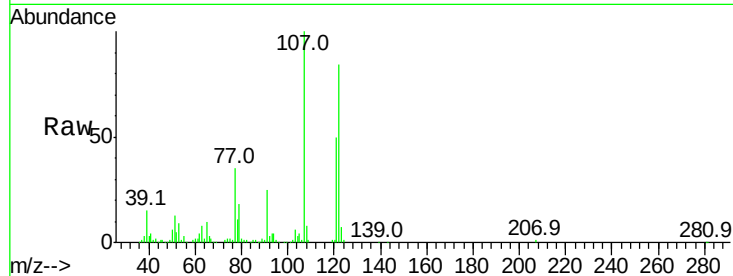
Time-->



#24
 2,4-Dimethylphenol
 Concen: 21.232 ng/ul
 RT: 9.82 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BM012023.D
 Acq: 09 Oct 2017 21:26

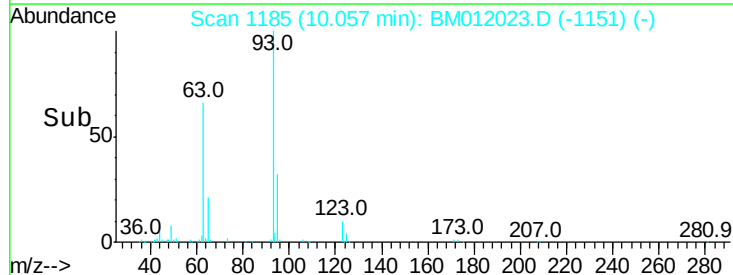
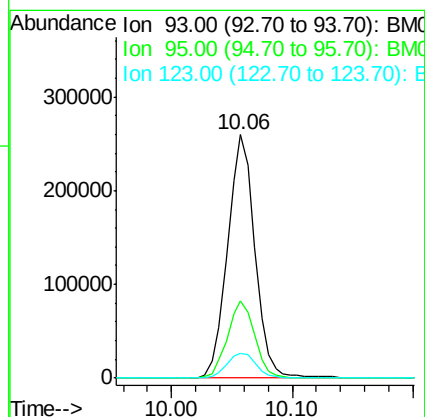
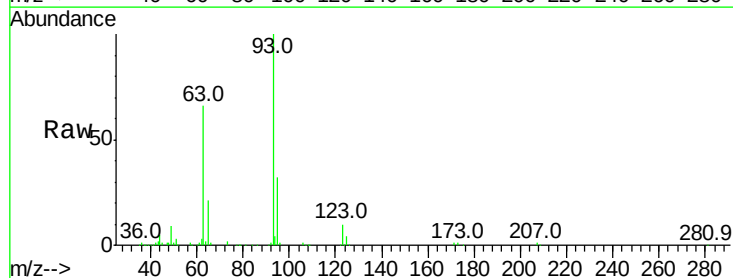
Instrument :
 BNA_M
 ClientSampleId :
 SST02035

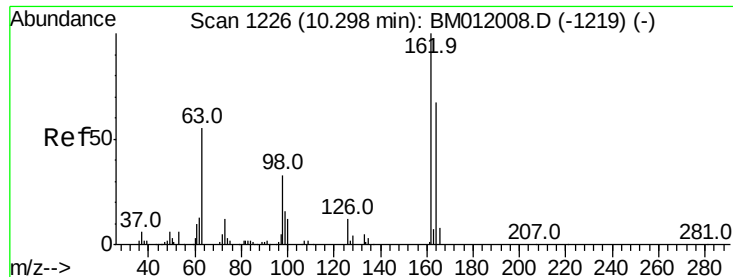
Tot Ion	Ratio	Lower	Upper
107	100		
121	50.1	31.9	47.9#
122	84.1	57.8	86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 21.119 ng/ul
 RT: 10.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BM012023.D
 Acq: 09 Oct 2017 21:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	28.5	42.7
123	10.4	8.9	13.3

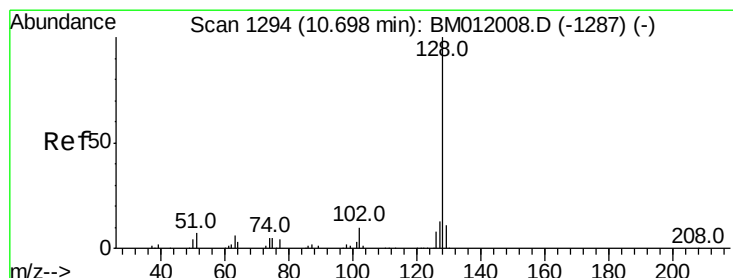
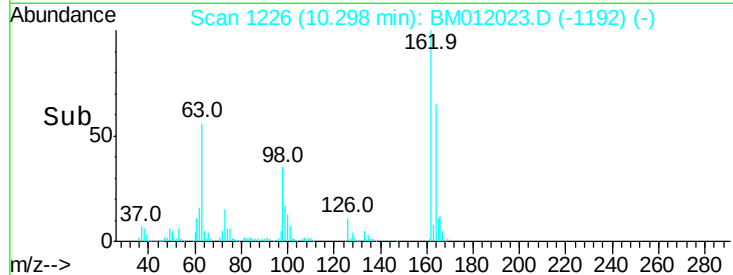
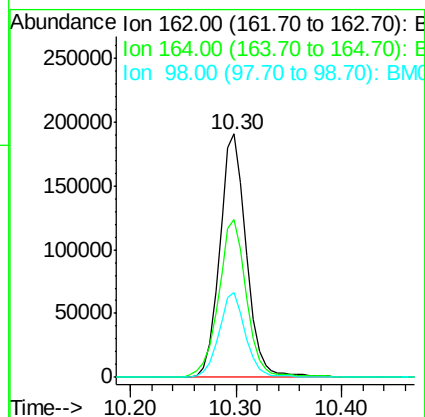
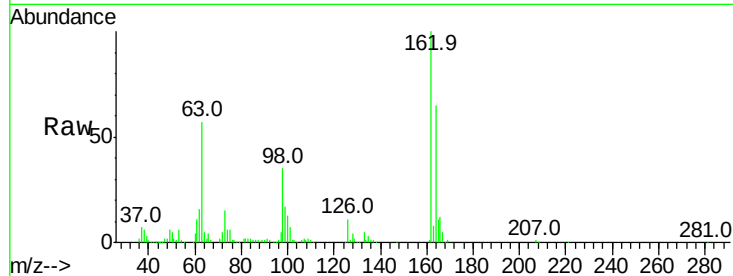




#27
 2,4-Dichlorophenol
 Concen: 21.748 ng/ul
 RT: 10.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BM012023.D
 Acq: 09 Oct 2017 21:26

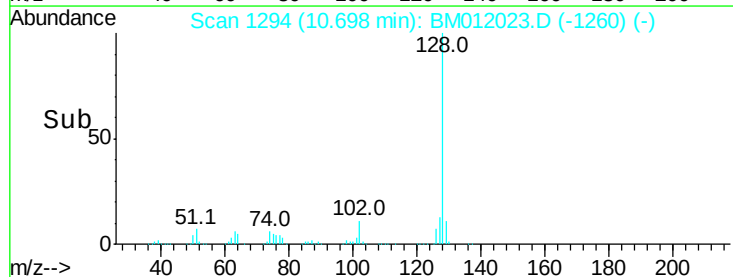
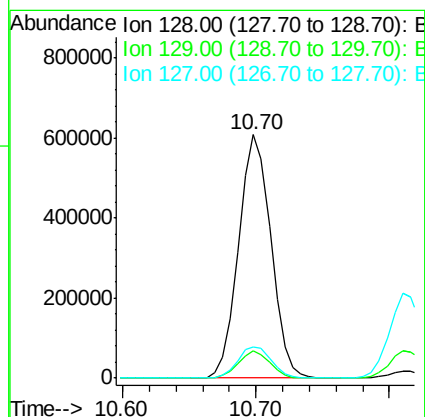
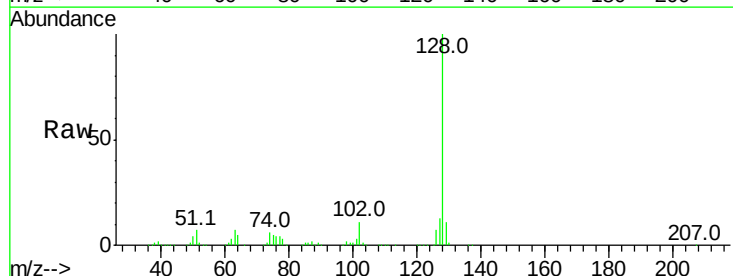
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02035

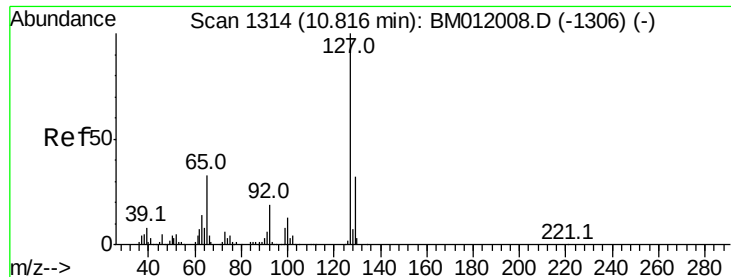
Tot Ion:162 Resp: 334624
 Ion Ratio Lower Upper
 162 100
 164 64.8 47.8 71.6
 98 35.0 23.0 34.4#



#28
 Naphthalene
 Concen: 20.705 ng/ul
 RT: 10.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BM012023.D
 Acq: 09 Oct 2017 21:26

Tgt Ion:128 Resp: 1021694
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.8 13.2
 127 13.0 10.6 16.0

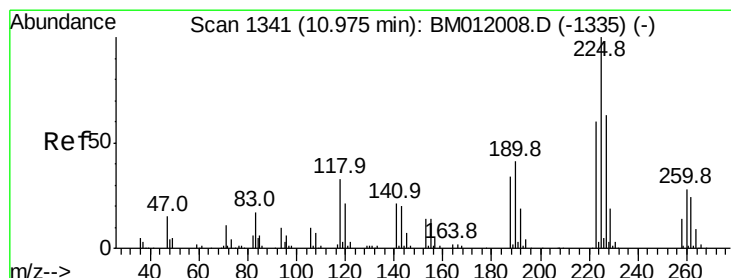
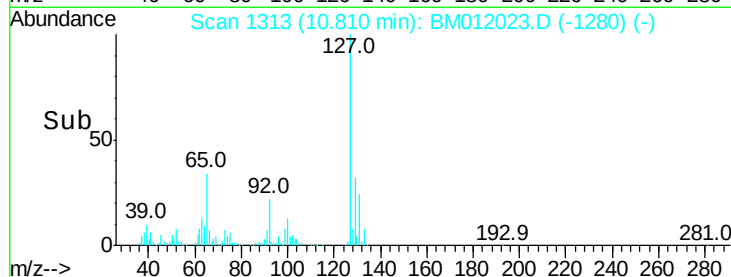
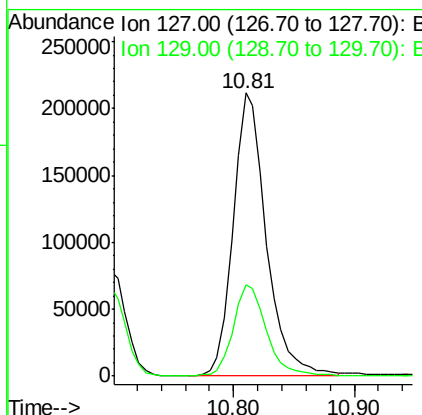
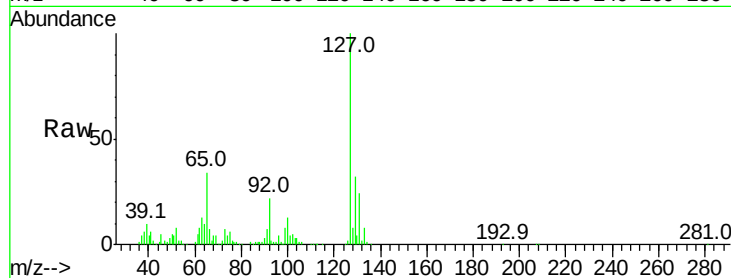




#30
4-Chloroaniline
Concen: 23.572 ng/ul
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

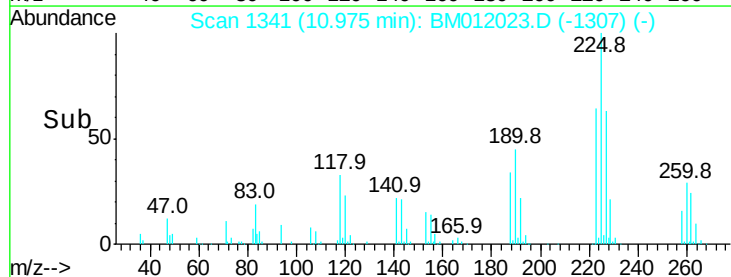
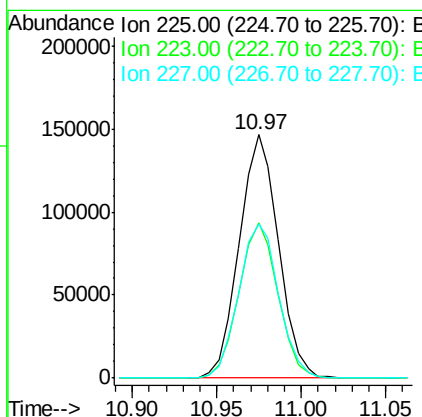
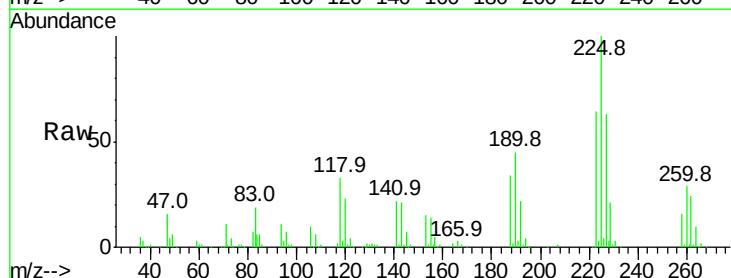
Instrument :
BNA_M
ClientSampleId :
SSTD02035

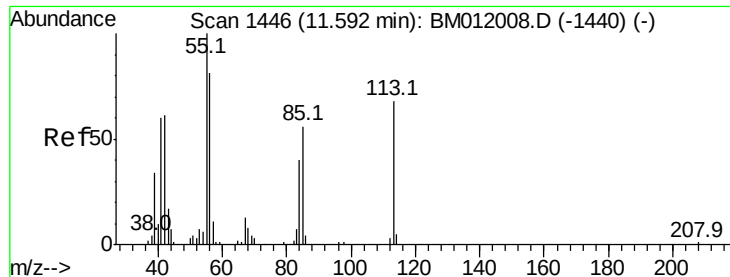
Tot Ion:127 Resp: 402425
Ion Ratio Lower Upper
127 100
129 32.3 28.4 42.6



#31
Hexachlorobutadiene
Concen: 20.934 ng/ul
RT: 10.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

Tgt Ion:225 Resp: 236319
Ion Ratio Lower Upper
225 100
223 63.9 49.4 74.2
227 63.3 45.4 68.2





#32

Caprolactam

Concen: 18.867 ng/ul

RT: 11.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD02035

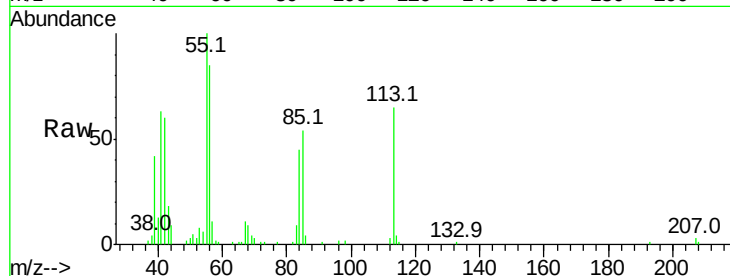
Tot Ion:113 Resp: 95175

Ion Ratio Lower Upper

113 100

55 153.5 208.0 312.0#

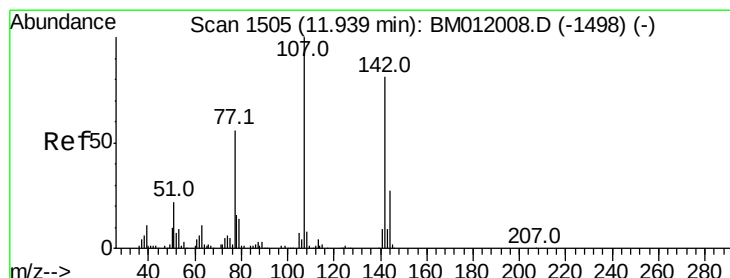
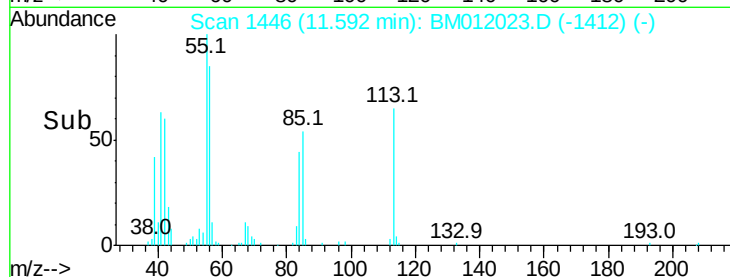
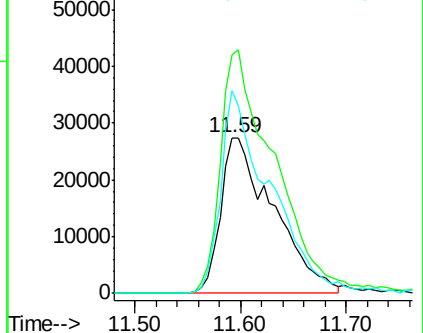
56 130.0 160.0 240.0#



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: 20.865 ng/ul

RT: 11.93 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

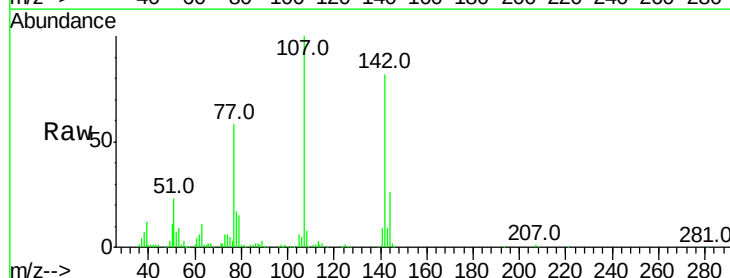
Tgt Ion:107 Resp: 348967

Ion Ratio Lower Upper

107 100

144 25.5 20.4 30.6

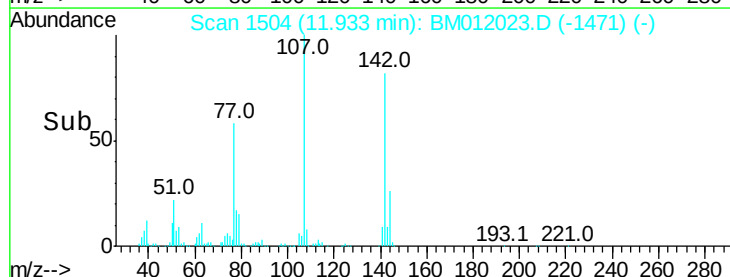
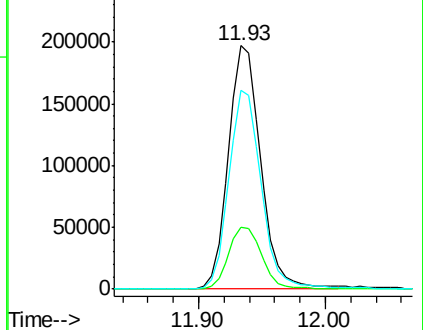
142 81.9 60.5 90.7

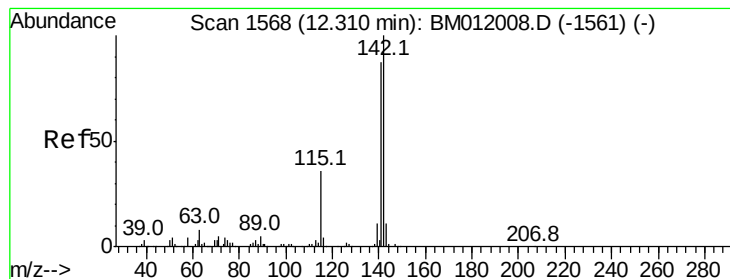


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.735 ng/ul

RT: 12.31 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Instrument :

BNA_M

ClientSampleId :

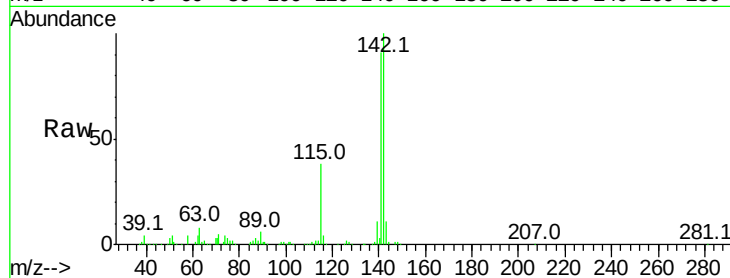
SSTD02035

Tot Ion:142 Resp: 780177

Ion Ratio Lower Upper

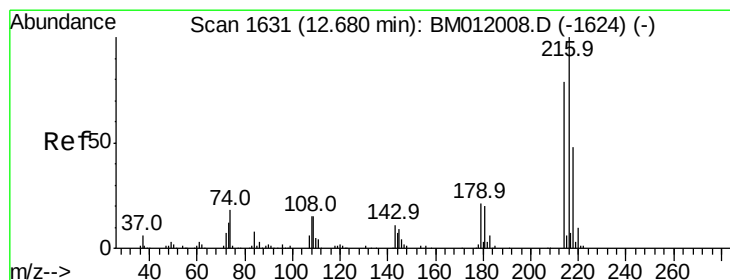
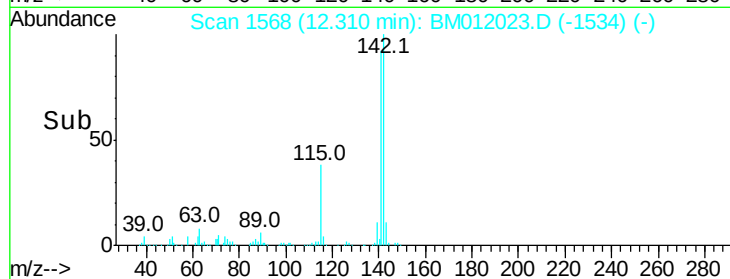
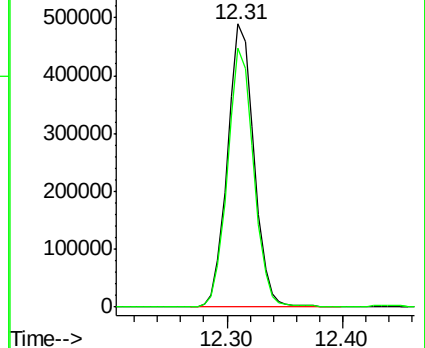
142 100

141 91.5 74.1 111.1



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: 21.082 ng/ul

RT: 12.68 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Tgt Ion:216 Resp: 440205

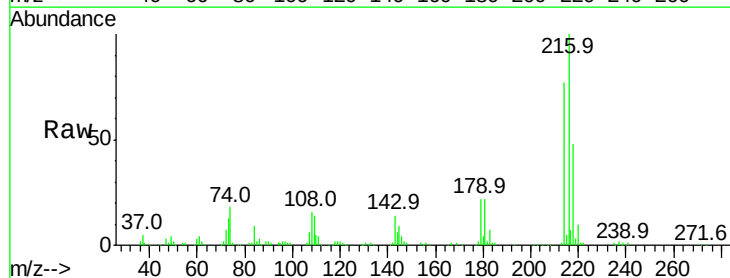
Ion Ratio Lower Upper

216 100

214 77.2 60.6 90.8

179 22.3 17.5 26.3

108 15.5 11.3 16.9

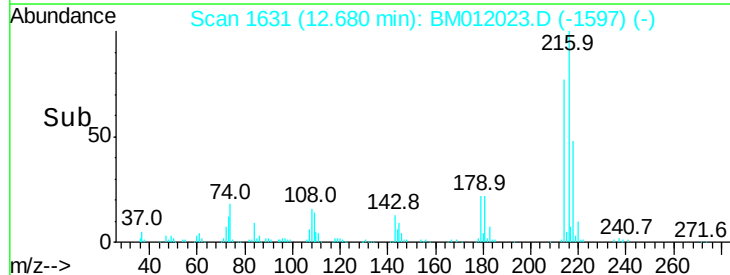
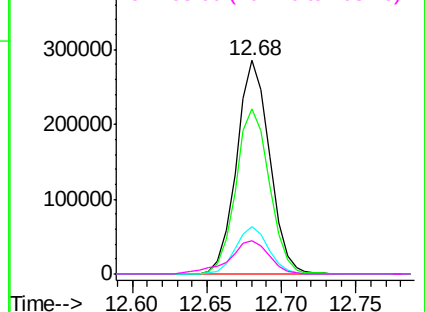


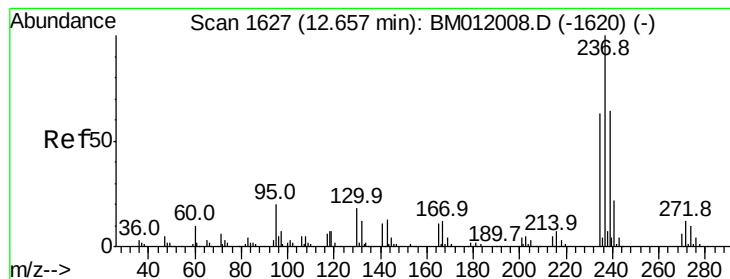
Abundance Ion 216.00 (215.70 to 216.70): E

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: 24.855 ng/ul

RT: 12.65 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD02035

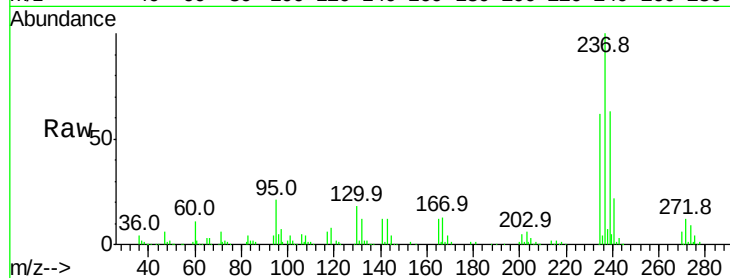
Tot Ion:237 Resp: 302072

Ion Ratio Lower Upper

237 100

235 61.6 50.2 75.4

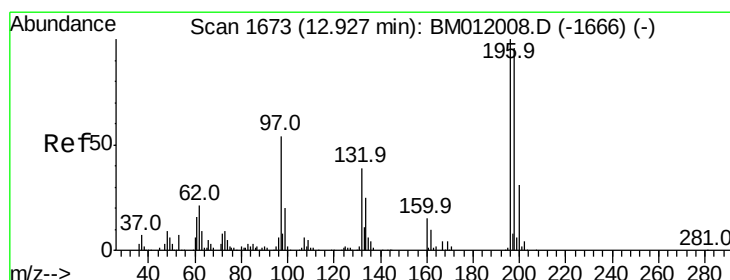
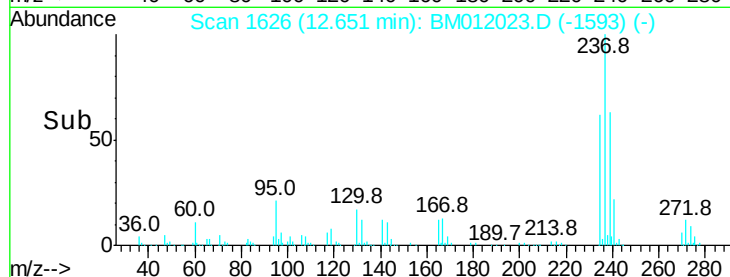
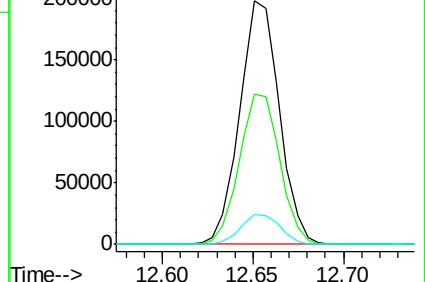
272 12.3 11.0 16.6



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: 21.925 ng/ul

RT: 12.92 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

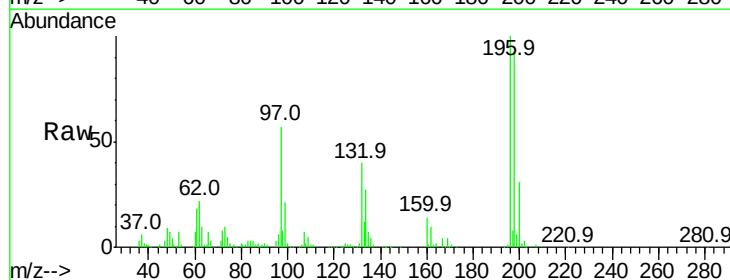
Tgt Ion:196 Resp: 290779

Ion Ratio Lower Upper

196 100

198 93.3 74.1 111.1

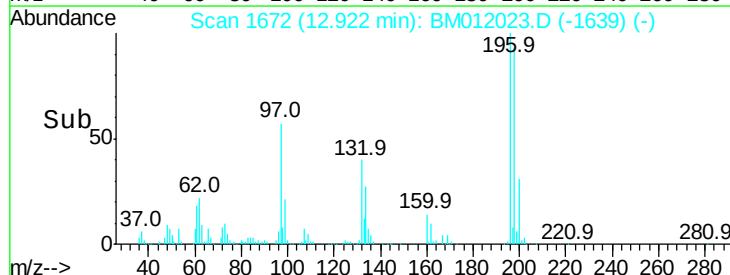
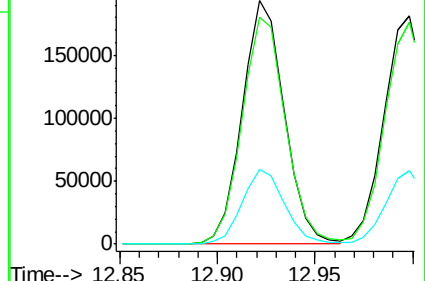
200 30.9 25.2 37.8

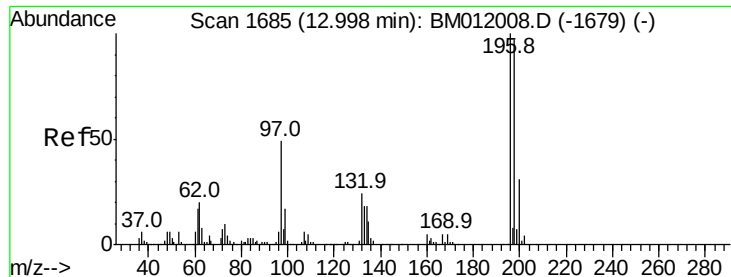


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

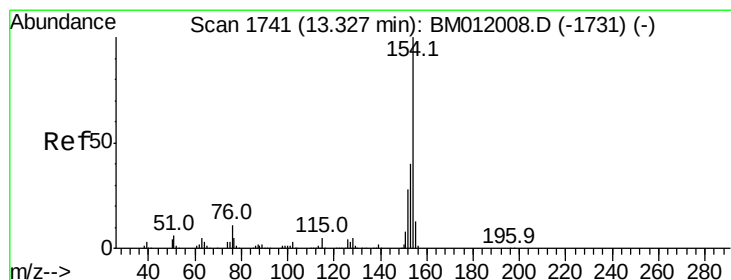
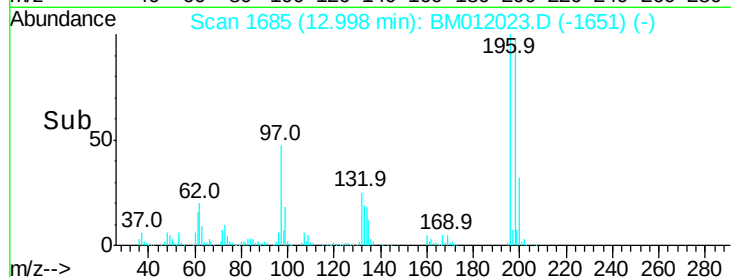
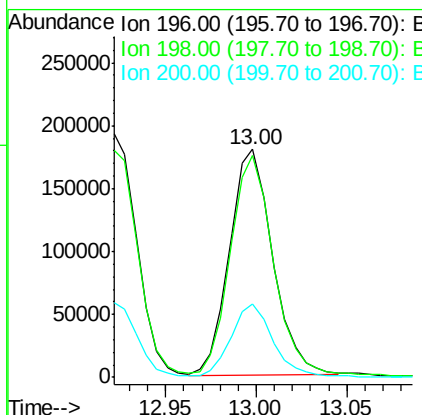
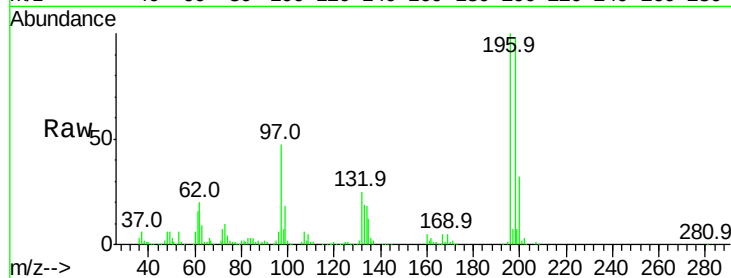




#39
 2,4,5-Trichlorophenol
 Concen: 21.323 ng/ul
 RT: 13.00 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BM012023.D
 Acq: 09 Oct 2017 21:26

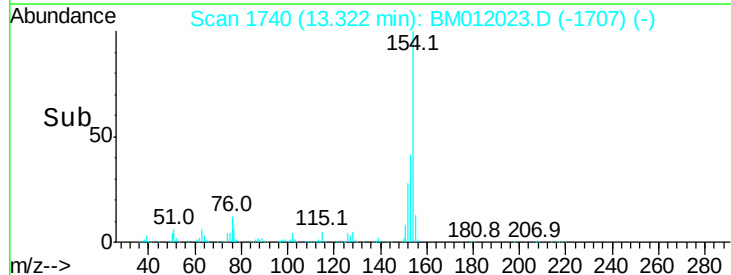
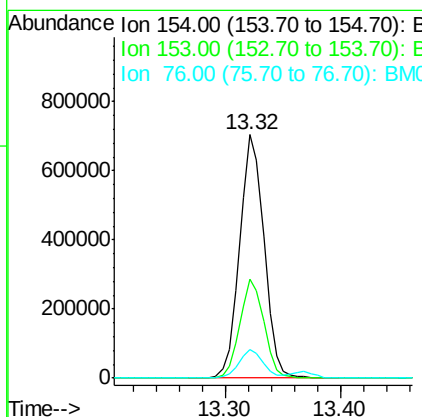
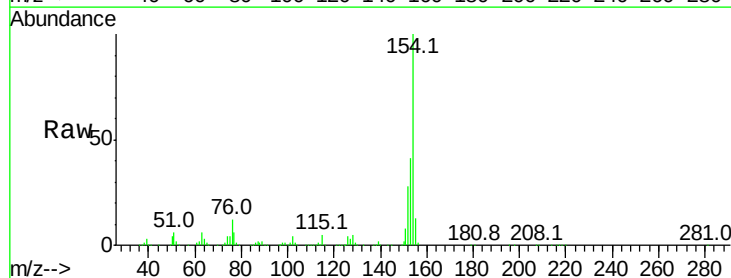
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02035

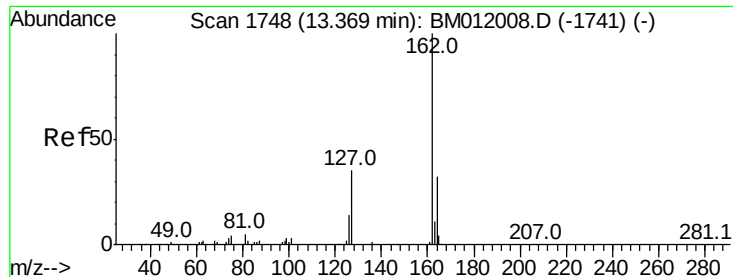
Tot Ion:196 Resp: 297648
 Ion Ratio Lower Upper
 196 100
 198 97.5 75.6 113.4
 200 32.3 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 21.039 ng/ul
 RT: 13.32 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BM012023.D
 Acq: 09 Oct 2017 21:26

Tgt Ion:154 Resp: 1035405
 Ion Ratio Lower Upper
 154 100
 153 40.8 32.6 48.8
 76 11.5 8.5 12.7

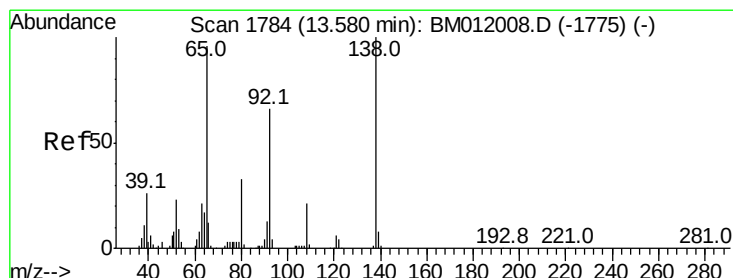
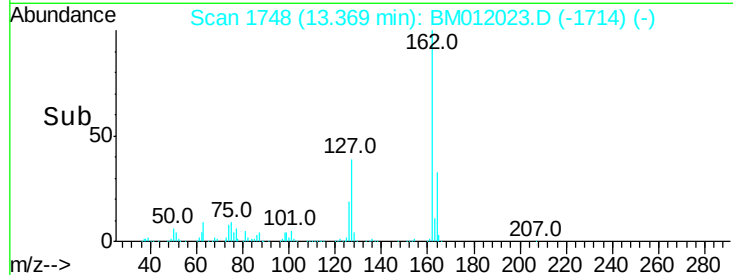
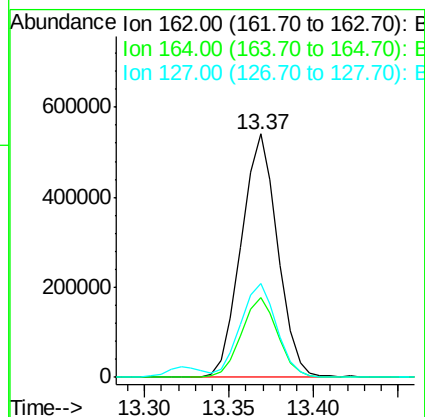
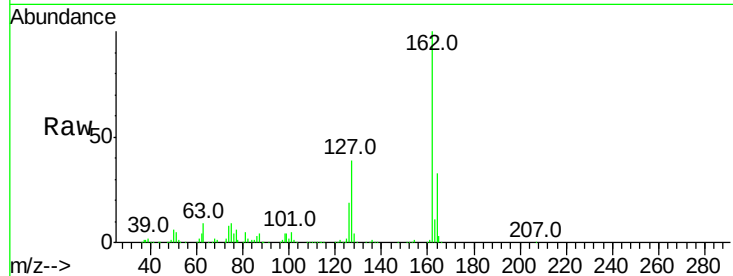




#41
2-Chloronaphthalene
Concen: 21.136 ng/ul
RT: 13.37 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

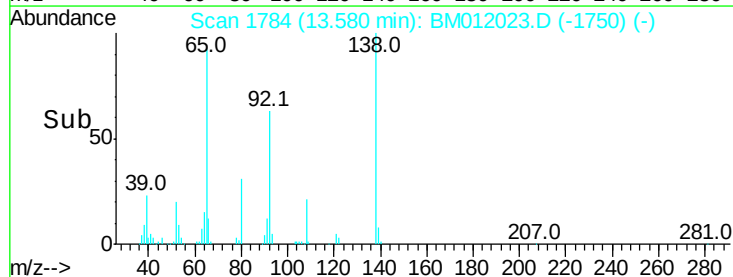
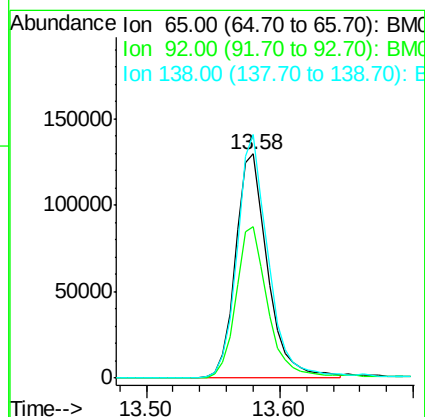
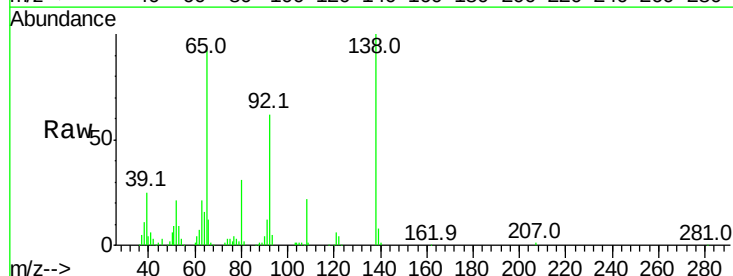
Instrument :
BNA_M
ClientSampleId :
SSTD02035

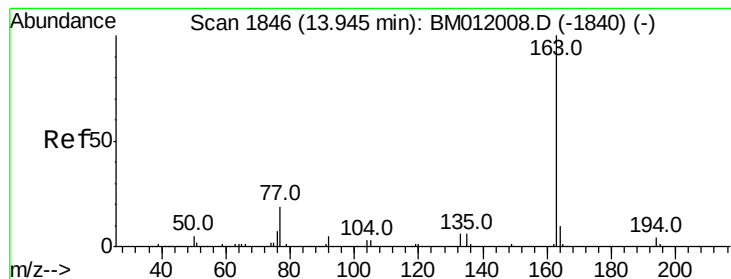
Tot Ion:162 Resp: 813945
Ion Ratio Lower Upper
162 100
164 33.0 25.9 38.9
127 38.5 29.4 44.2



#42
2-Nitroaniline
Concen: 22.258 ng/ul
RT: 13.58 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

Tgt Ion: 65 Resp: 217589
Ion Ratio Lower Upper
65 100
92 67.9 51.8 77.6
138 108.7 74.2 111.4





#44

Dimethylphthalate

Concen: 20.860 ng/ul

RT: 13.95 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD02035

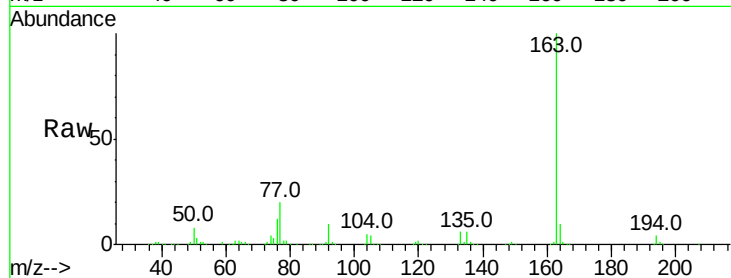
Tot Ion:163 Resp: 1070590

Ion Ratio Lower Upper

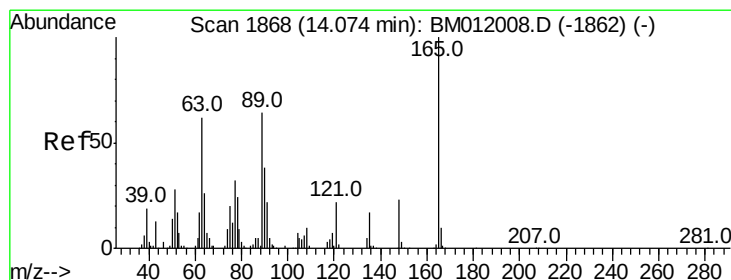
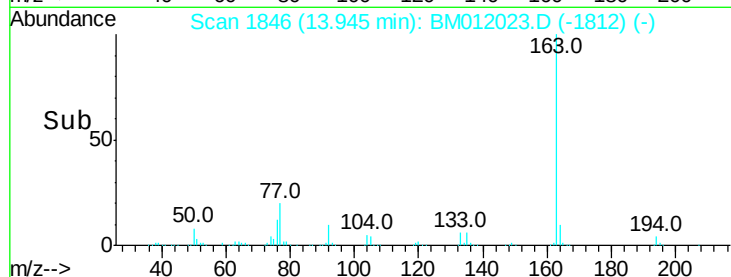
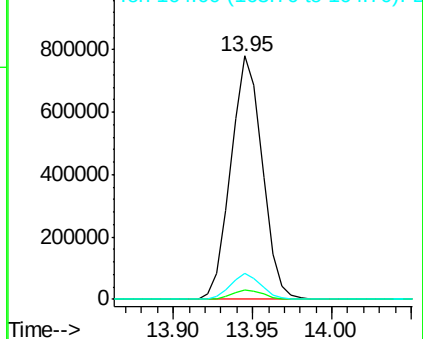
163 100

194 3.9 3.5 5.3

164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 21.787 ng/ul

RT: 14.07 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

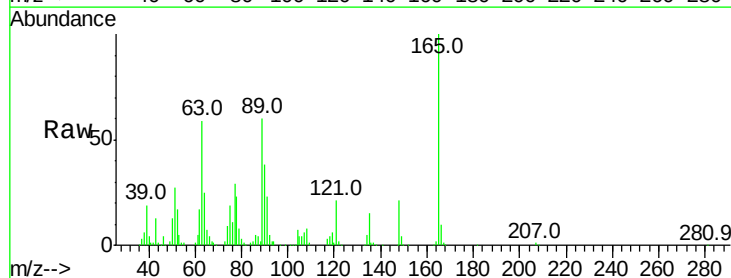
Tgt Ion:165 Resp: 210828

Ion Ratio Lower Upper

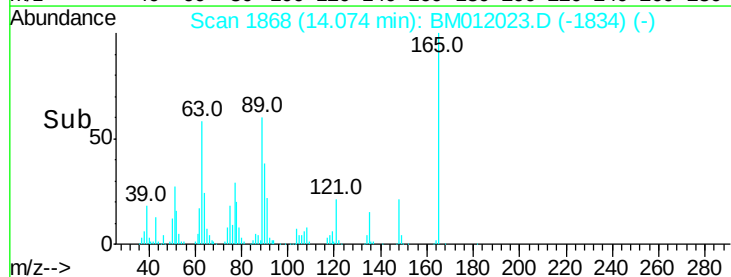
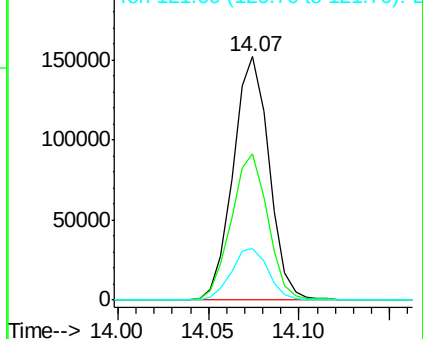
165 100

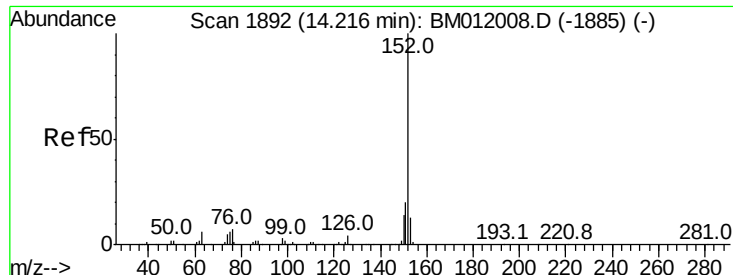
89 60.1 52.6 79.0

121 21.1 14.6 22.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 21.128 ng/ul

RT: 14.22 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Instrument :

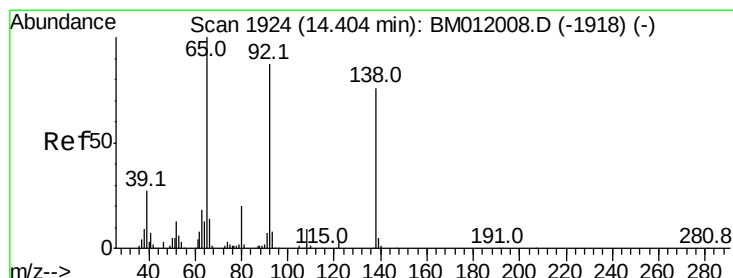
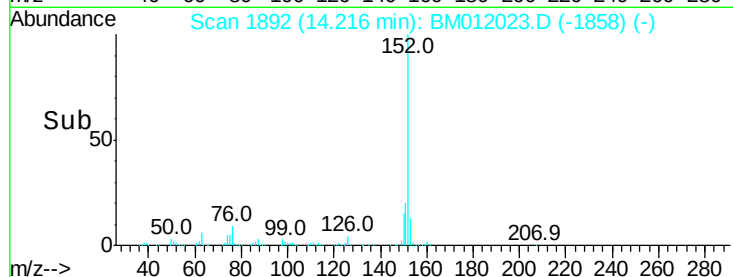
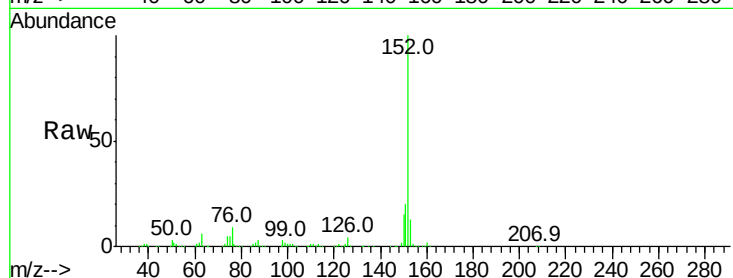
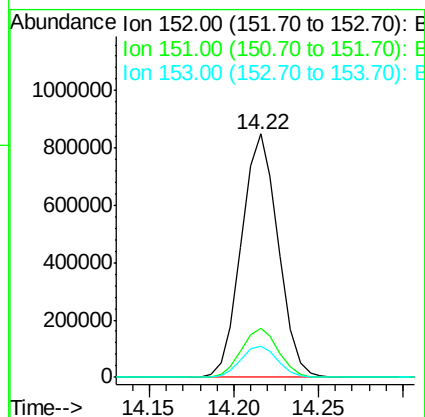
BNA_M

ClientSampleId :

SSTD02035

Tot Ion:152 Resp: 1284250

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.0	10.2	15.4



#48

3-Nitroaniline

Concen: 21.010 ng/ul

RT: 14.40 min Scan# 1924

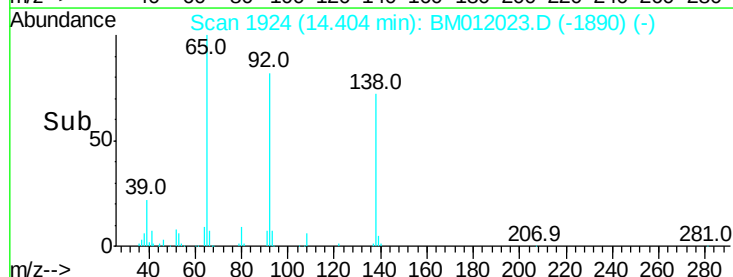
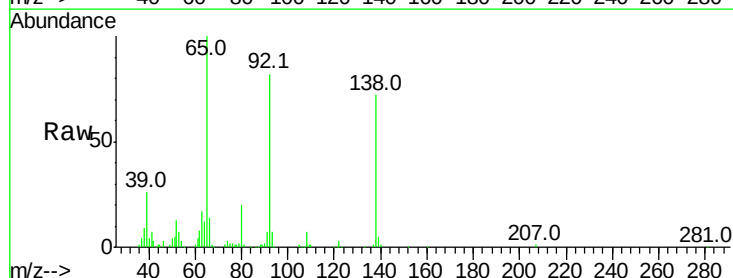
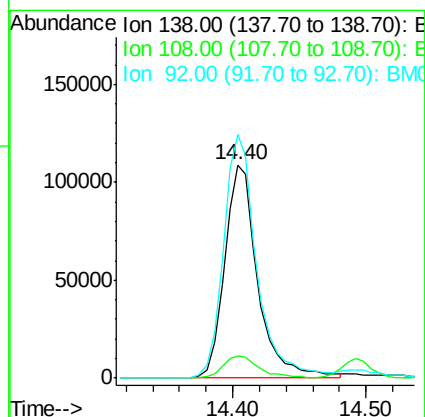
Delta R.T. -0.00 min

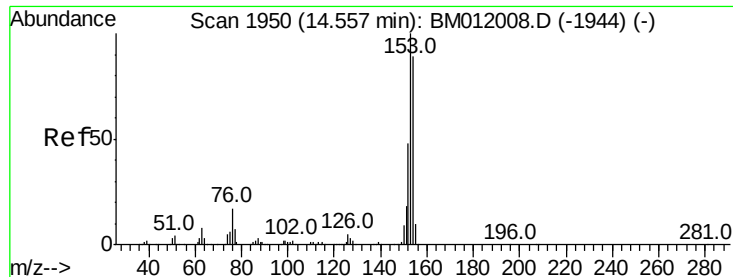
Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Tgt Ion:138 Resp: 188853

Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.9	14.9
92	114.3	105.0	157.4





#49

Acenaphthene

Concen: 20.972 ng/ul

RT: 14.56 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD02035

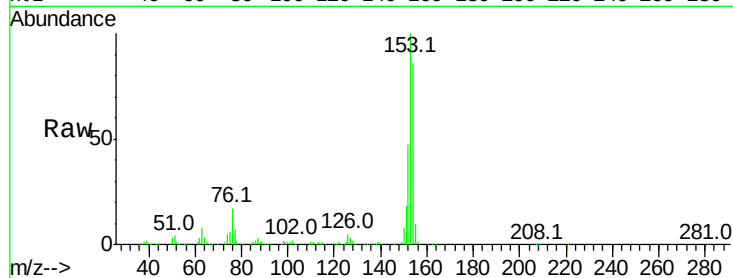
Tot Ion:153 Resp: 882132

Ion Ratio Lower Upper

153 100

152 46.8 37.6 56.4

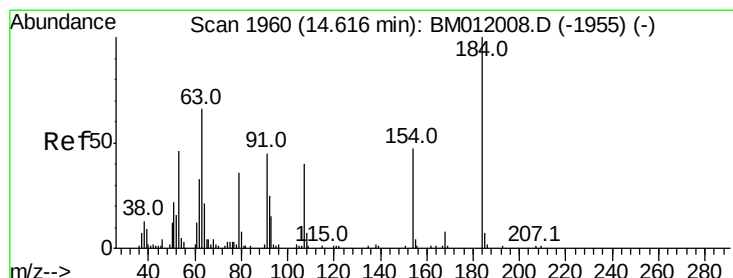
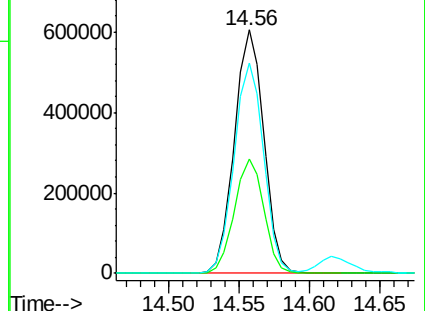
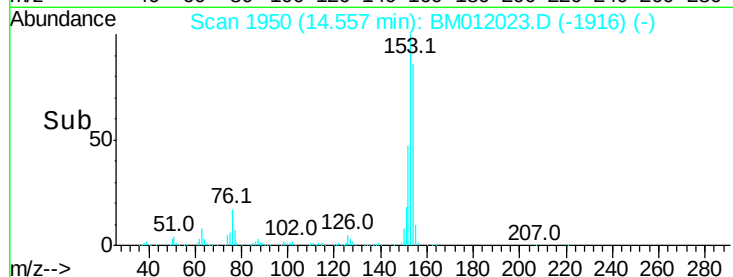
154 86.4 70.4 105.6



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: 16.227 ng/ul

RT: 14.62 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

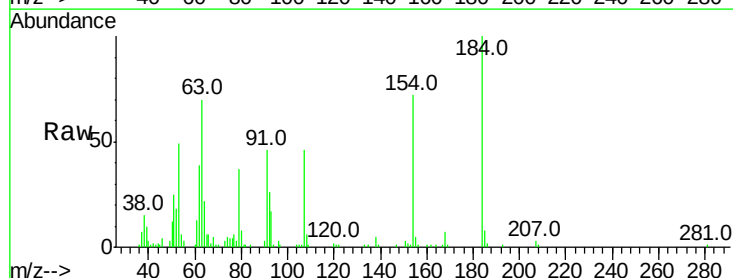
Tgt Ion:184 Resp: 103772

Ion Ratio Lower Upper

184 100

63 70.1 50.1 75.1

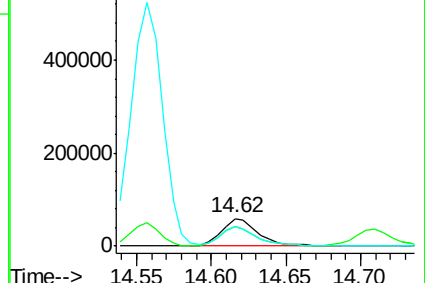
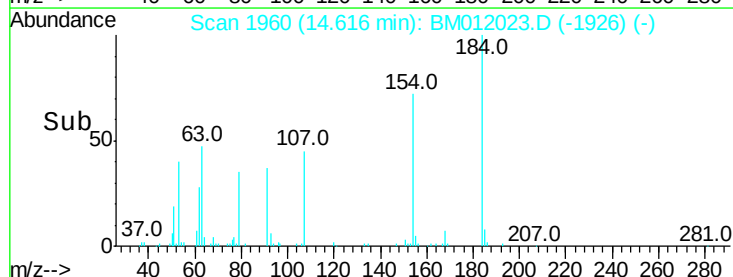
154 71.8 54.5 81.7

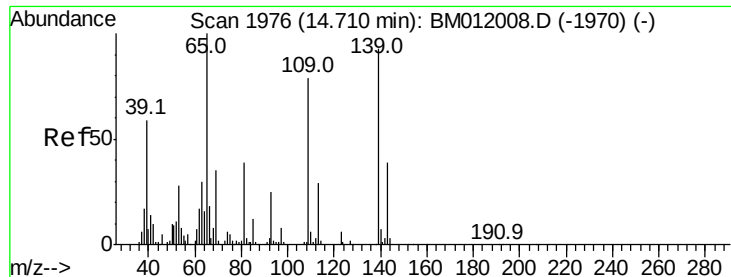


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 20.563 ng/ul

RT: 14.71 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD02035

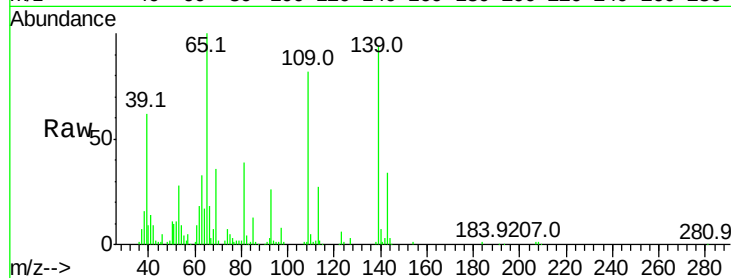
Tot Ion:109 Resp: 153169

Ion Ratio Lower Upper

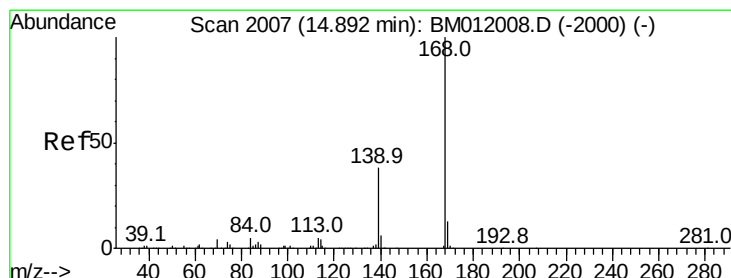
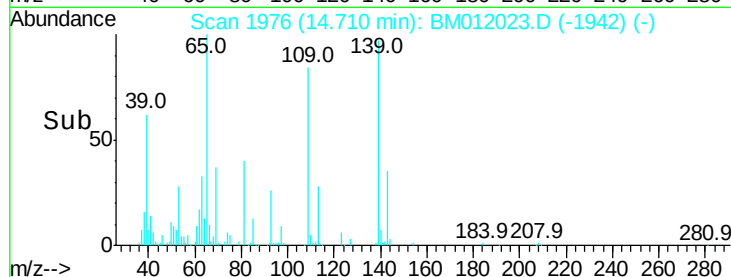
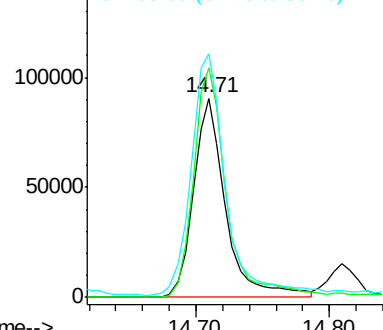
109 100

139 115.1 80.0 120.0

65 122.2 120.0 180.0



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: 20.986 ng/ul

RT: 14.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BM012023.D

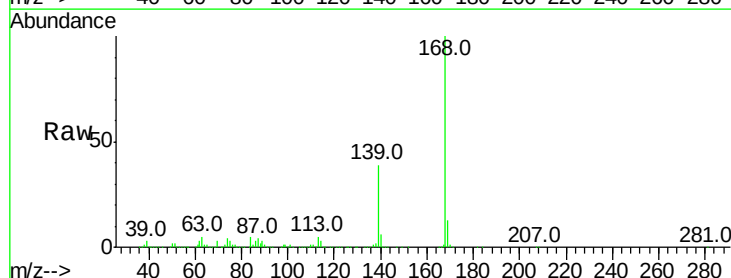
Acq: 09 Oct 2017 21:26

Tgt Ion:168 Resp: 1281106

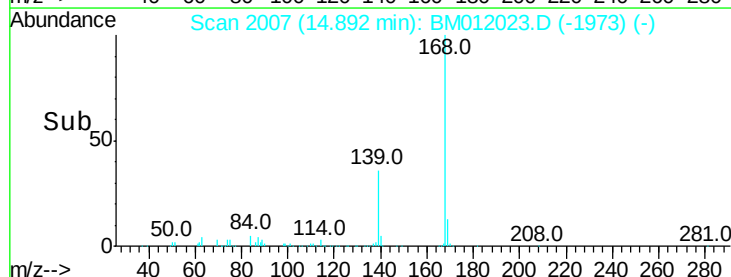
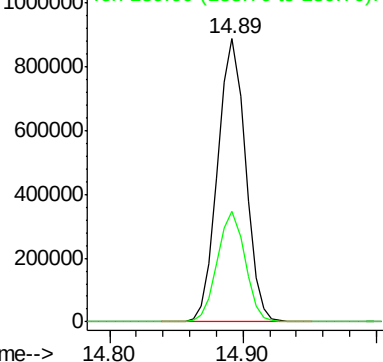
Ion Ratio Lower Upper

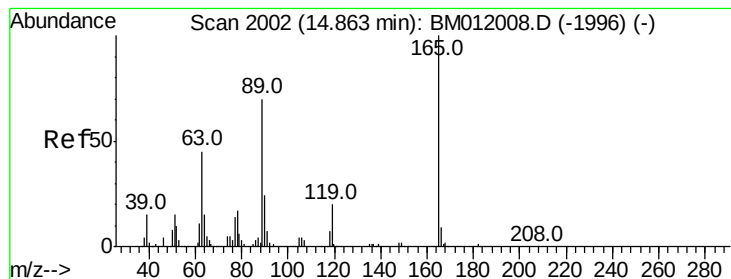
168 100

139 39.0 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 22.054 ng/ul

RT: 14.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD02035

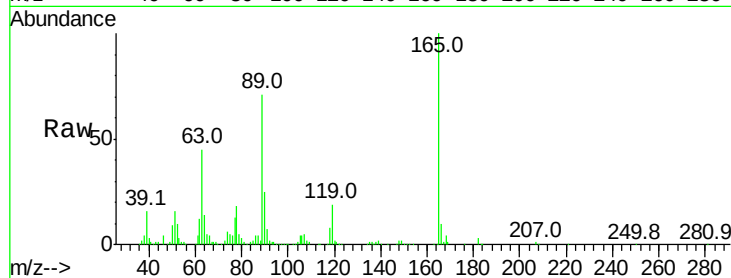
Tot Ion:165 Resp: 315542

Ion Ratio Lower Upper

165 100

63 44.8 45.8 68.8#

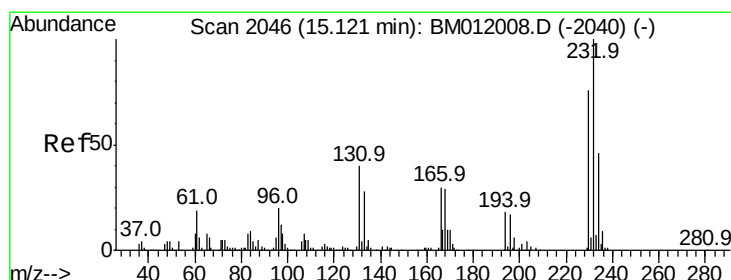
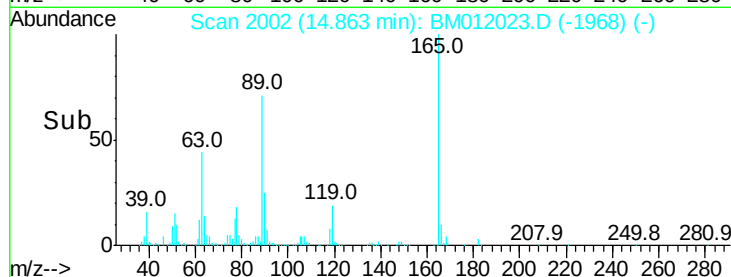
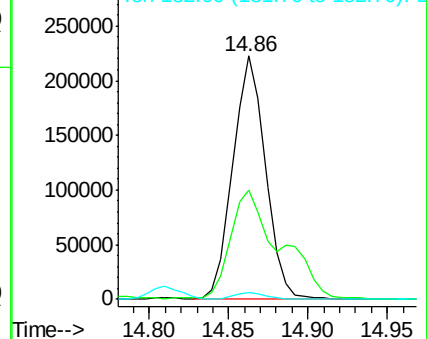
182 2.9 2.6 4.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 20.913 ng/ul

RT: 15.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Tgt Ion:232 Resp: 285084

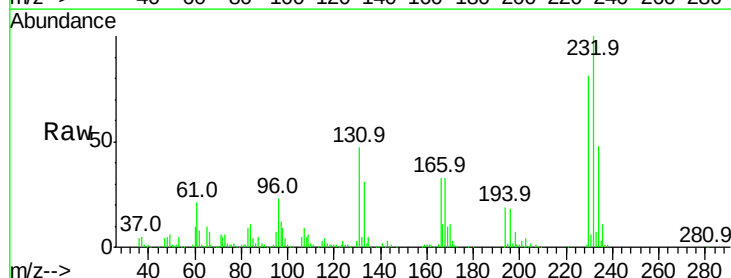
Ion Ratio Lower Upper

232 100

131 47.5 29.0 43.4#

130 2.6 2.0 3.0

166 33.1 21.4 32.2#

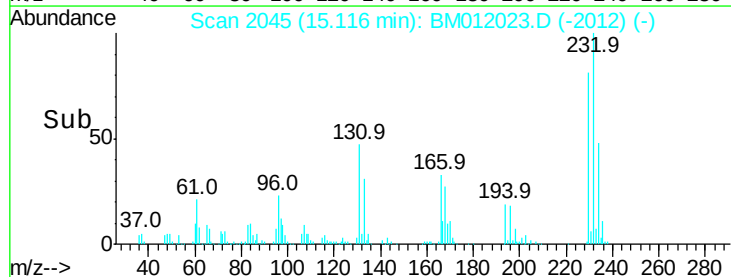
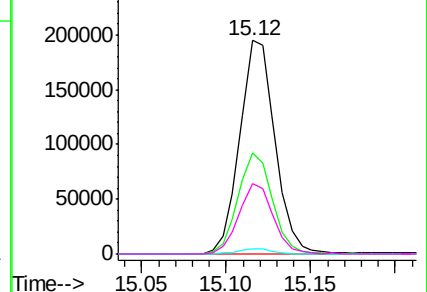


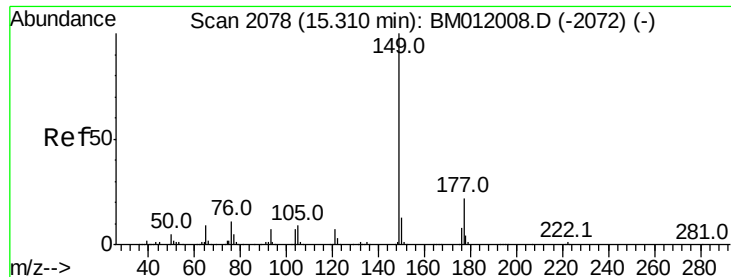
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

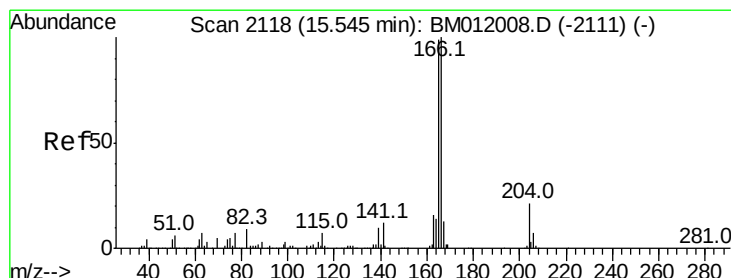
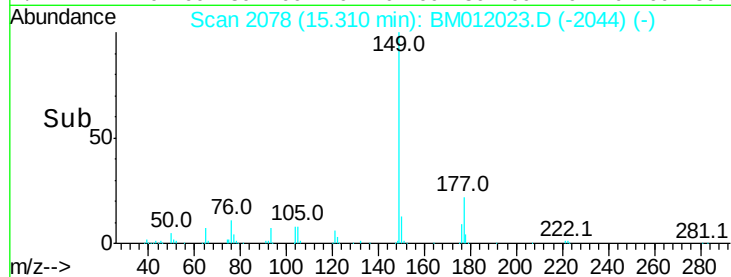
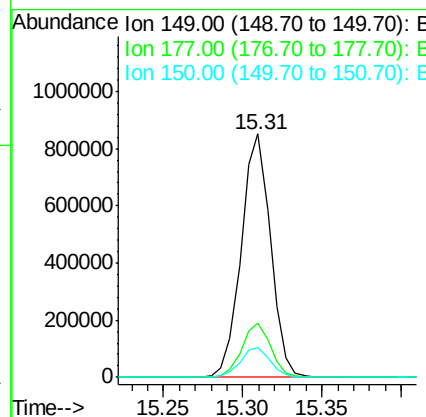
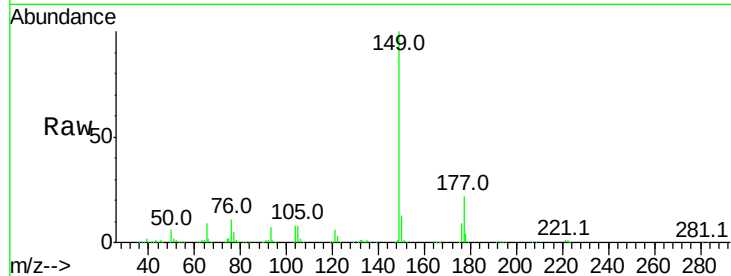




#56
Diethylphthalate
Concen: 20.917 ng/ul
RT: 15.31 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

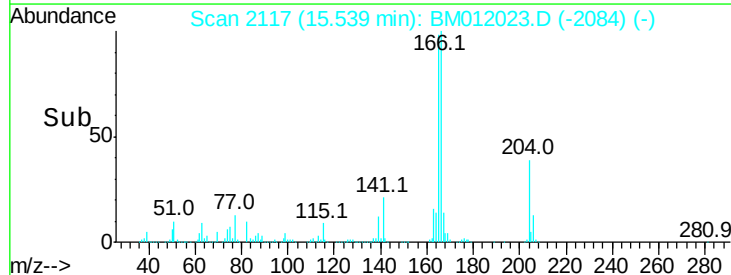
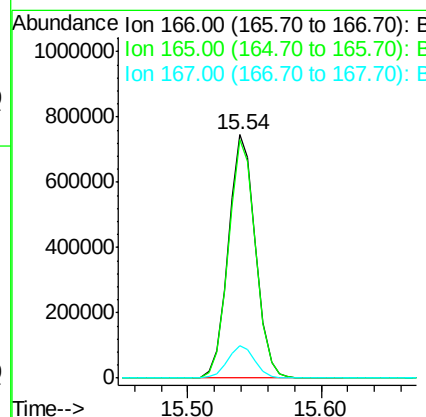
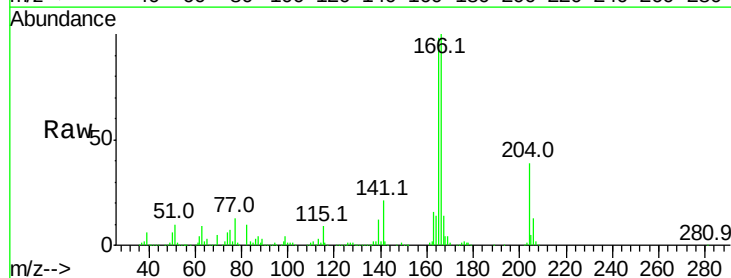
Instrument :
BNA_M
ClientSampleId :
SSTD02035

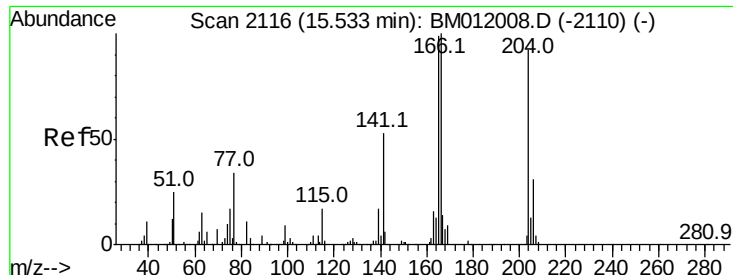
Tot Ion:149 Resp: 1089648
Ion Ratio Lower Upper
149 100
177 22.3 20.5 30.7
150 12.5 10.6 15.8



#58
Fluorene
Concen: 20.789 ng/ul
RT: 15.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

Tgt Ion:166 Resp: 1059813
Ion Ratio Lower Upper
166 100
165 98.2 77.9 116.9
167 13.5 10.6 16.0

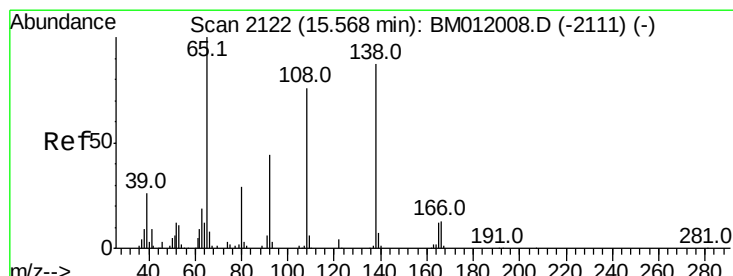
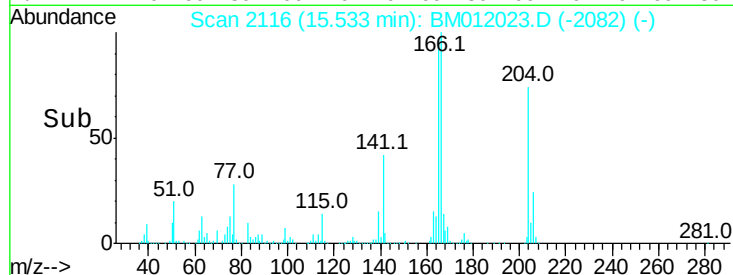
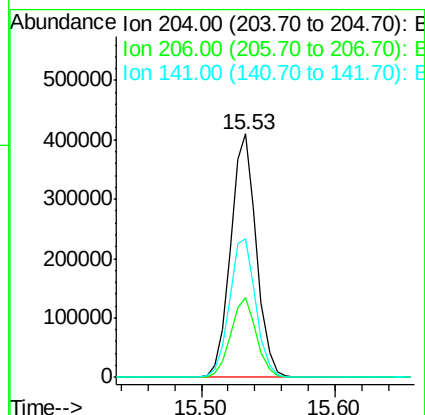
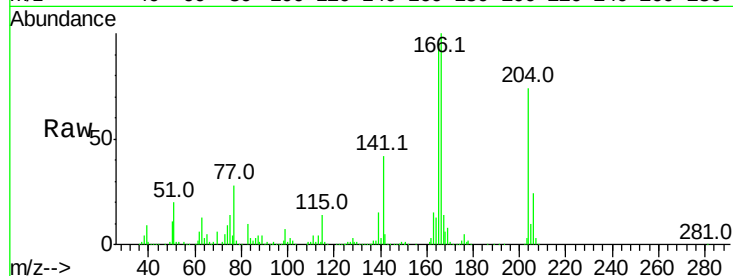




#59
4-Chlorophenyl-phenylether
Concen: 20.448 ng/ul
RT: 15.53 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

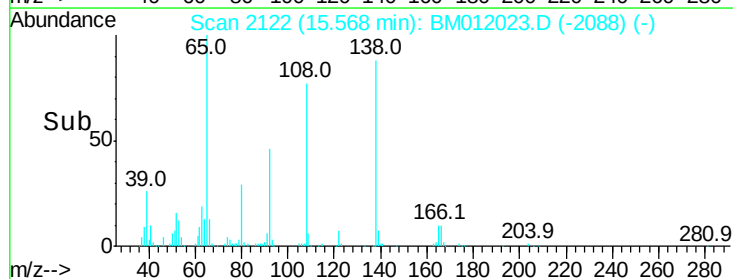
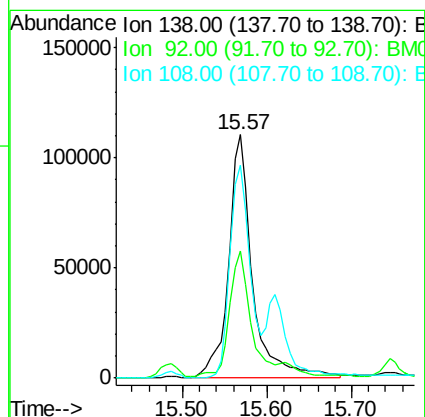
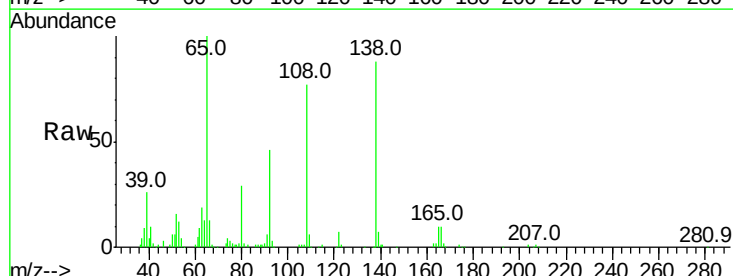
Instrument :
BNA_M
ClientSampleId :
SSTD02035

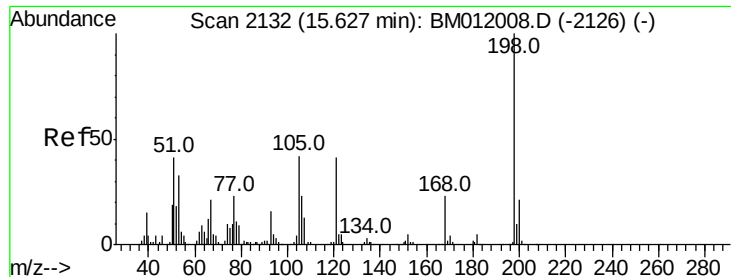
Tot Ion:204 Resp: 551321
Ion Ratio Lower Upper
204 100
206 32.7 24.8 37.2
141 57.0 44.3 66.5



#60
4-Nitroaniline
Concen: 20.612 ng/ul
RT: 15.57 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

Tgt Ion:138 Resp: 215832
Ion Ratio Lower Upper
138 100
92 52.1 40.0 60.0
108 87.3 80.0 120.0

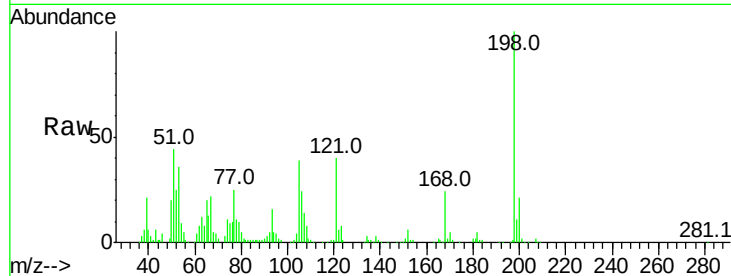




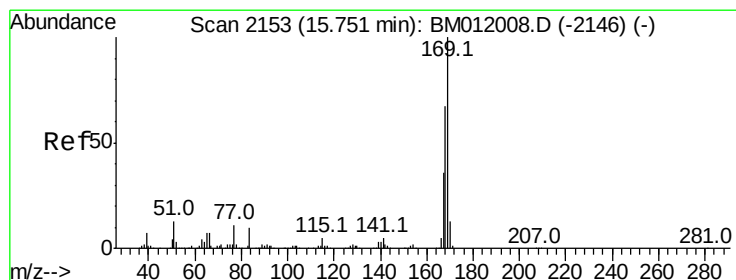
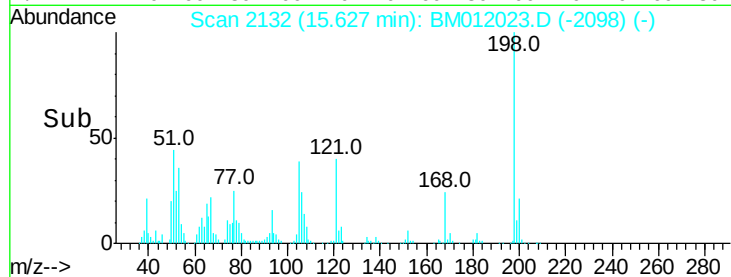
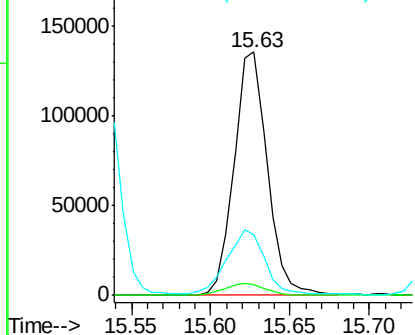
#63
 4,6-Dinitro-2-methylphenol
 Concen: 19.304 ng/ul
 RT: 15.63 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BM012023.D
 Acq: 09 Oct 2017 21:26

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02035

Tot Ion:198 Resp: 198353
 Ion Ratio Lower Upper
 198 100
 182 4.6 3.8 5.6
 77 25.1 25.2 37.8#

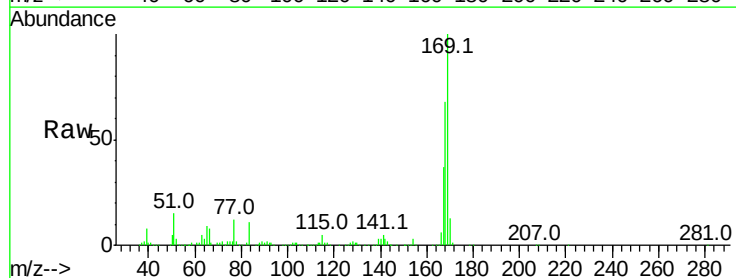


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

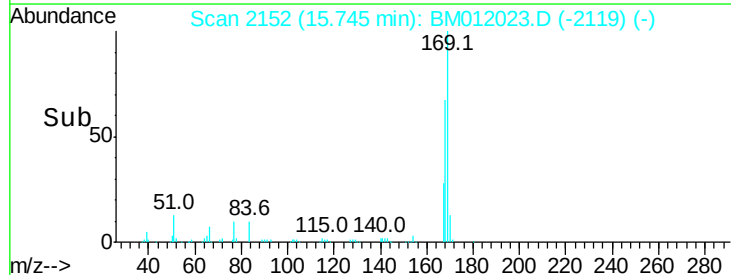
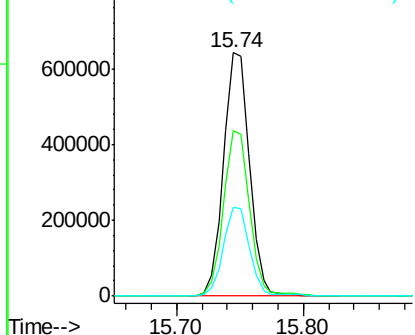


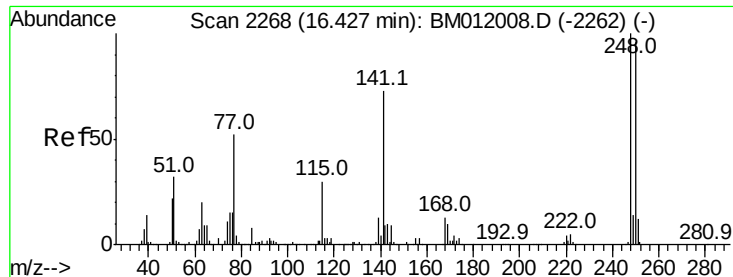
#64
 N-Nitrosodiphenylamine
 Concen: 21.062 ng/ul
 RT: 15.74 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BM012023.D
 Acq: 09 Oct 2017 21:26

Tgt Ion:169 Resp: 909392
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.0 81.0
 167 36.6 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

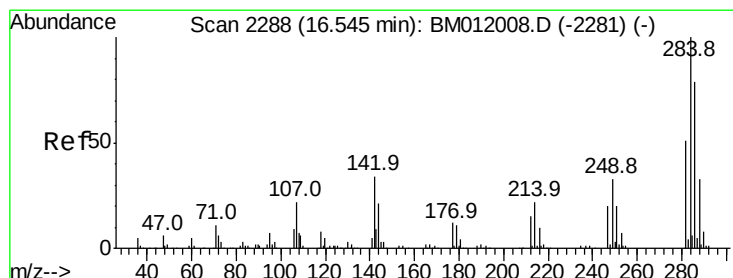
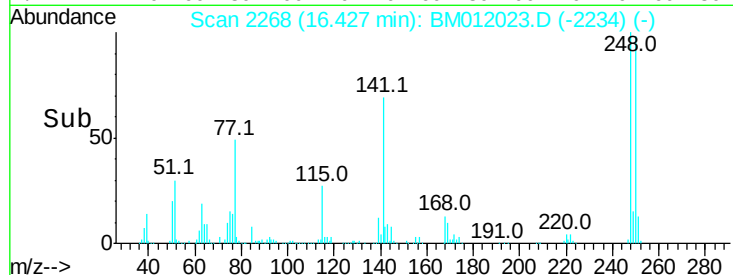
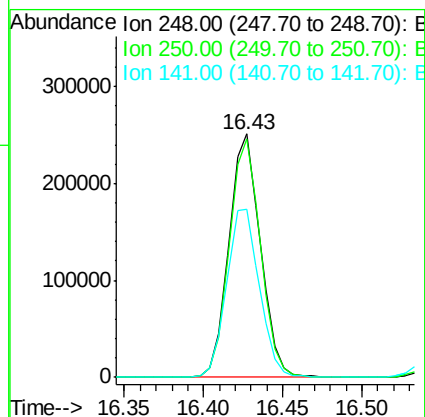
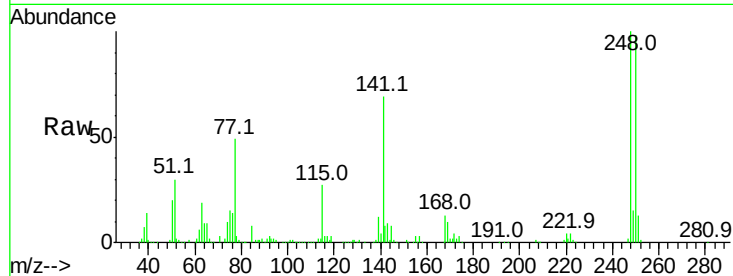




#65
4-Bromophenyl-phenylether
Concen: 20.619 ng/ul
RT: 16.43 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

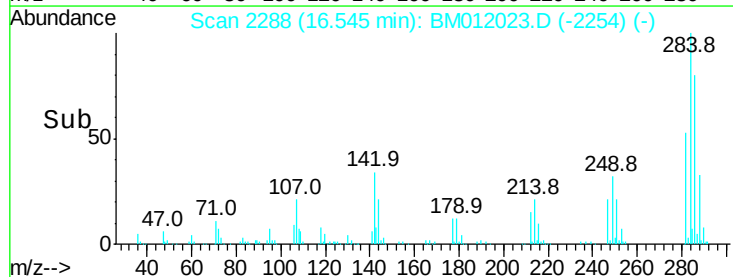
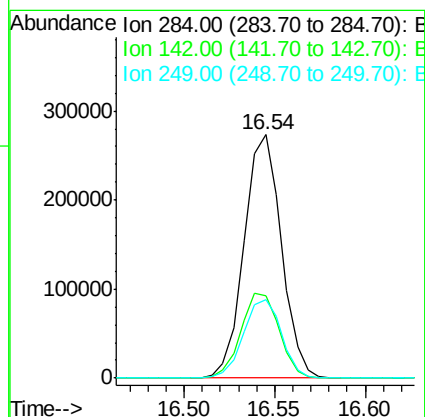
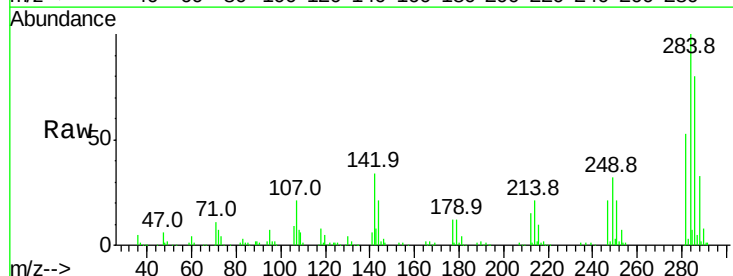
Instrument :
BNA_M
ClientSampleId :
SSTD02035

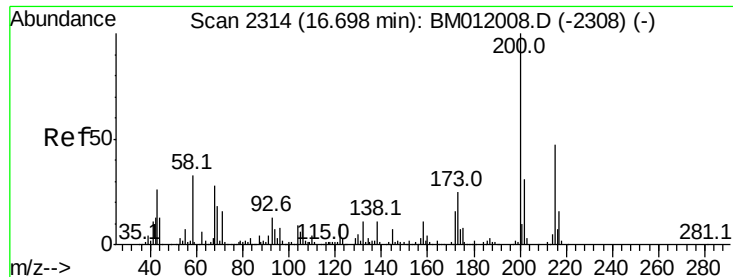
Tot Ion:248 Resp: 345218
Ion Ratio Lower Upper
248 100
250 97.9 80.5 120.7
141 69.2 53.6 80.4



#66
Hexachlorobenzene
Concen: 20.877 ng/ul
RT: 16.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

Tgt Ion:284 Resp: 390797
Ion Ratio Lower Upper
284 100
142 33.8 21.2 31.8#
249 32.4 24.5 36.7

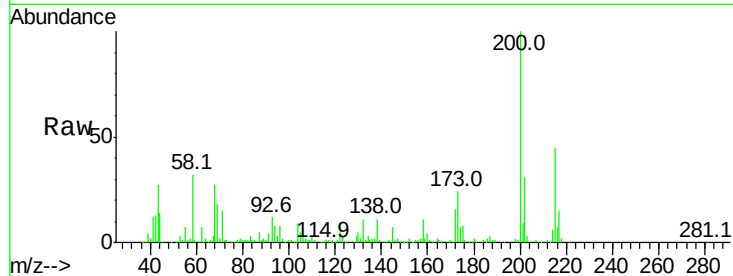




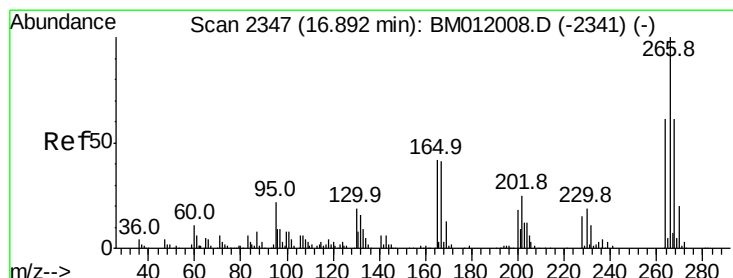
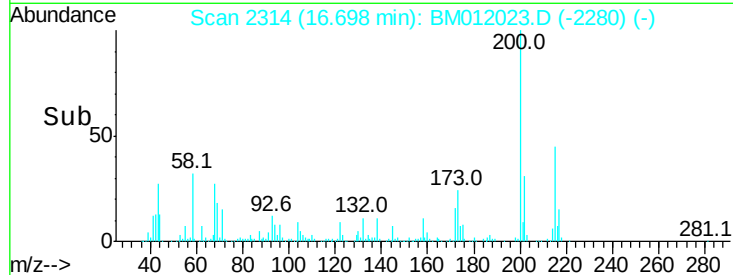
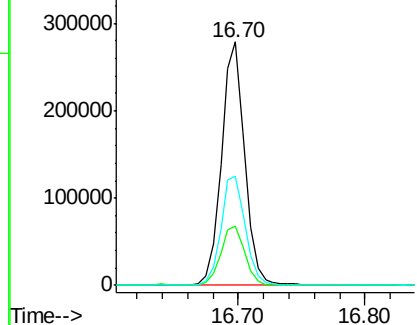
#67
Atrazine
Concen: 20.717 ng/ul
RT: 16.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

Instrument :
BNA_M
ClientSampleId :
SSTD02035

Tot Ion:200 Resp: 354142
Ion Ratio Lower Upper
200 100
173 24.4 18.2 27.2
215 45.0 35.0 52.4

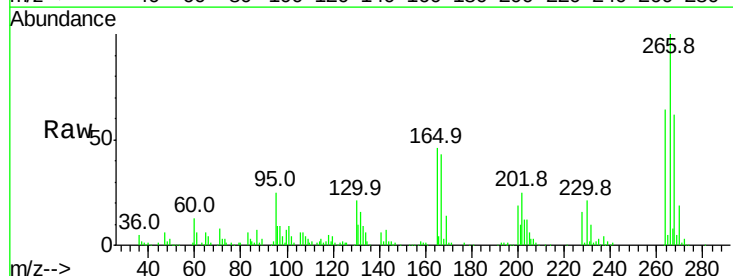


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

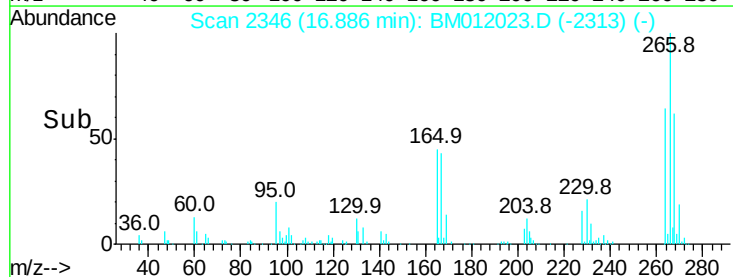
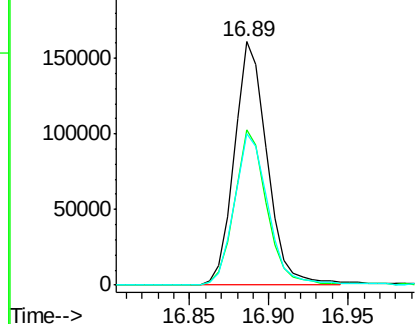


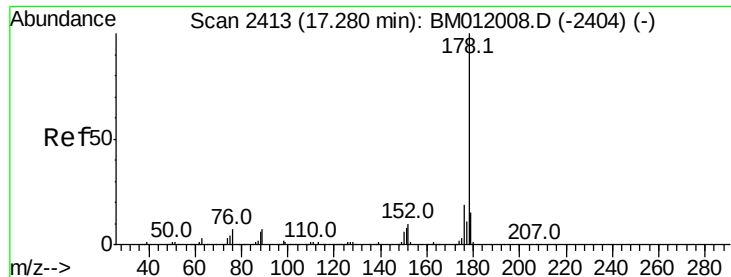
#68
Pentachlorophenol
Concen: 19.650 ng/ul
RT: 16.89 min Scan# 2346
Delta R.T. -0.01 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

Tgt Ion:266 Resp: 231386
Ion Ratio Lower Upper
266 100
264 63.7 49.3 73.9
268 62.1 52.6 78.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 20.749 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Instrument :

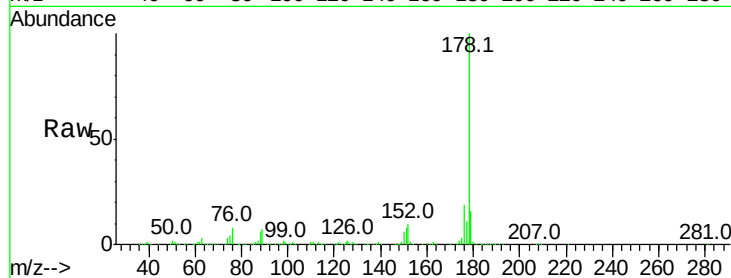
BNA_M

ClientSampleId :

SSTD02035

Tot Ion:178 Resp: 1705924

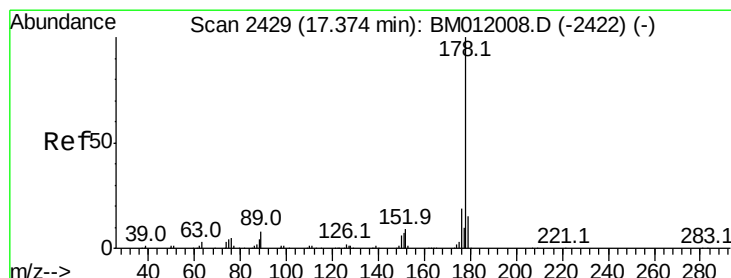
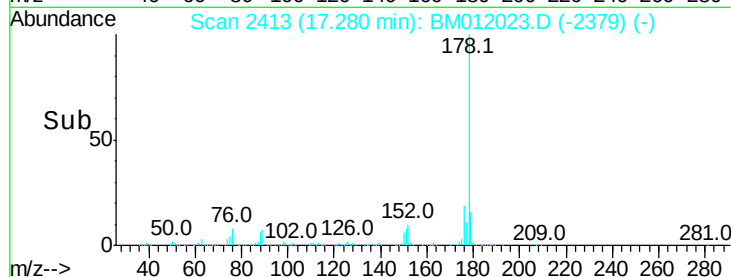
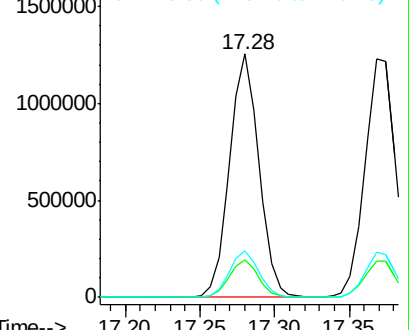
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.3	14.9	22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 21.067 ng/ul

RT: 17.37 min Scan# 2428

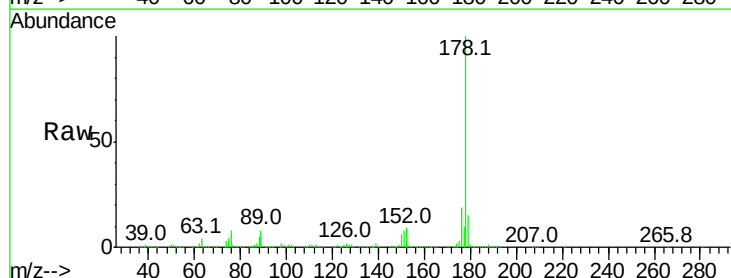
Delta R.T. -0.01 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Tgt Ion:178 Resp: 1762364

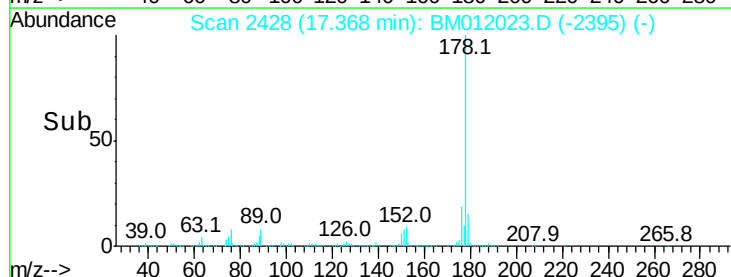
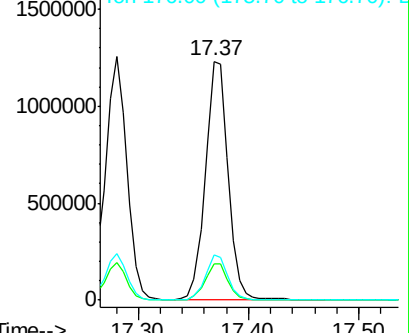
Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	18.8	14.6	21.8

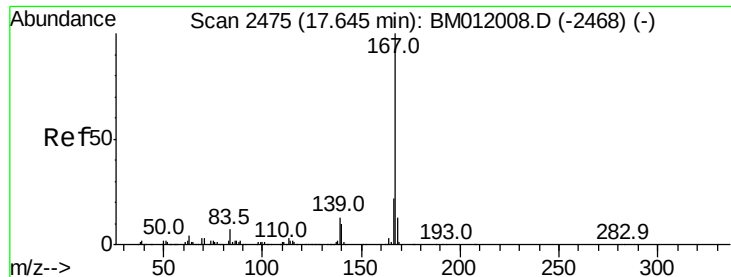


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.641 ng/ul

RT: 17.64 min Scan# 2475

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Instrument :

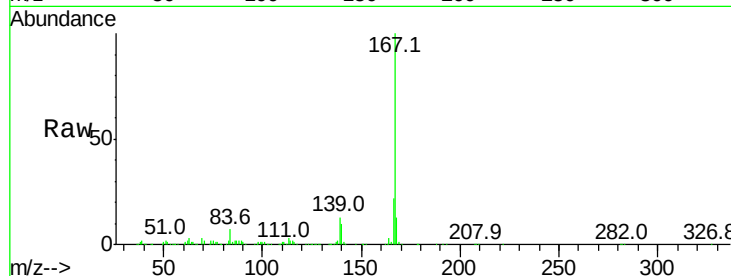
BNA_M

ClientSampleId :

SSTD02035

Tot Ion:167 Resp: 1495788

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.1	25.7
139	13.2	10.0	15.0

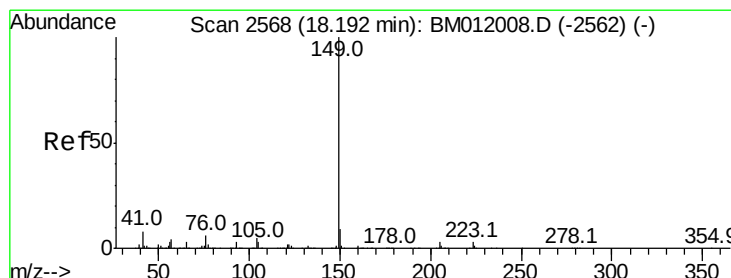
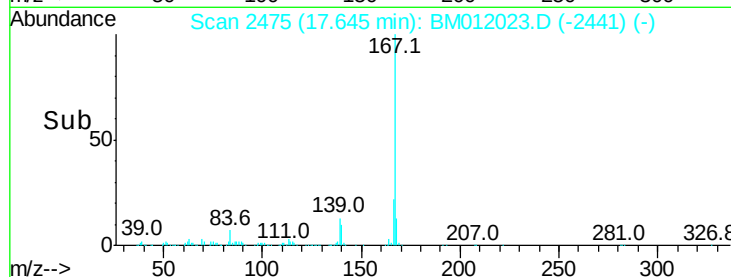
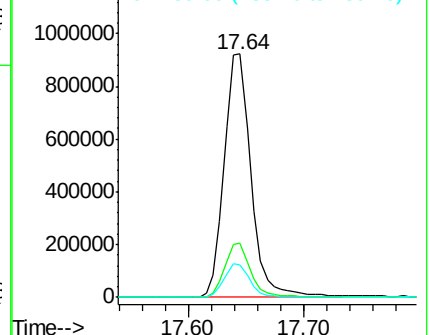


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 21.534 ng/ul

RT: 18.19 min Scan# 2568

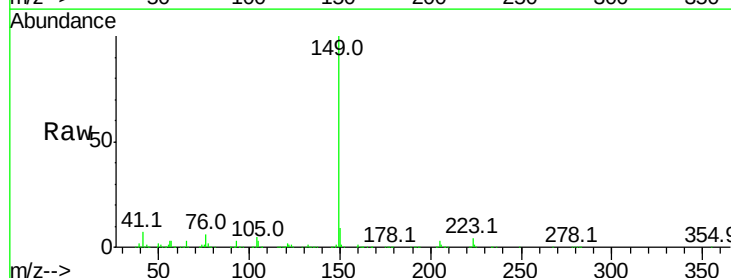
Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Tgt Ion:149 Resp: 1869793

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.1	10.7
104	5.4	5.6	8.4#

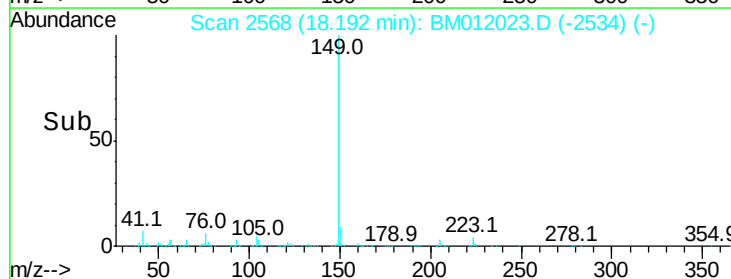
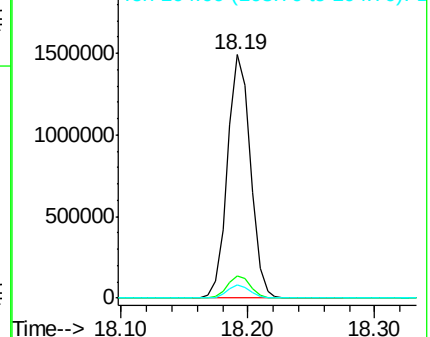


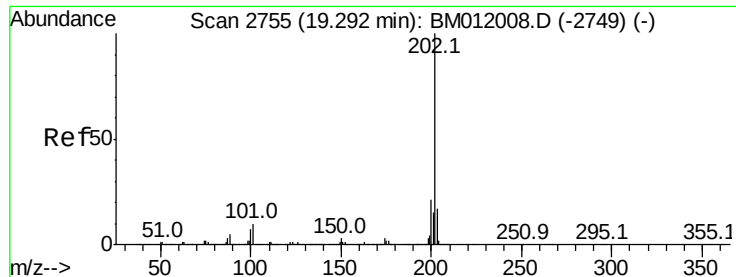
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

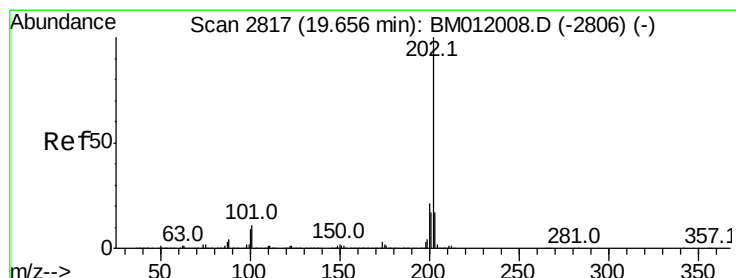
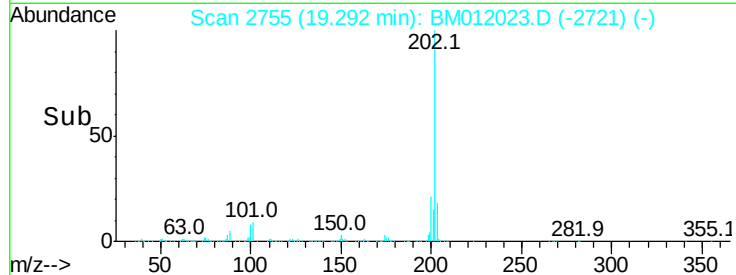
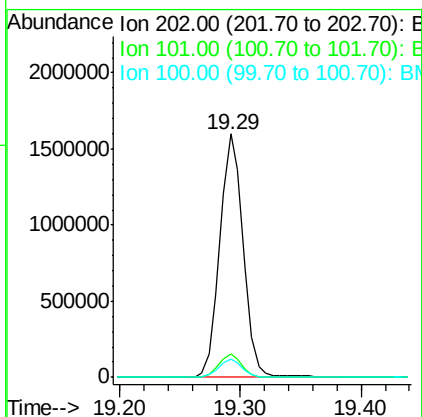
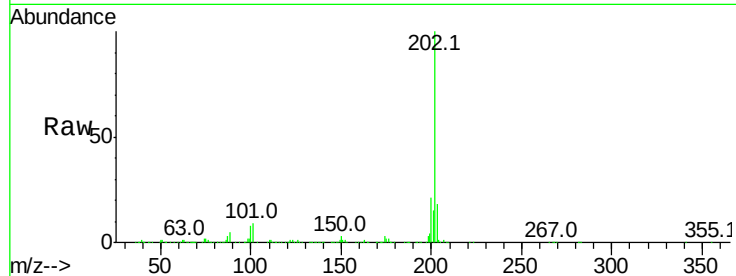




#74
 Fluoranthene
 Concen: 21.311 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. -0.00 min
 Lab File: BM012023.D
 Acq: 09 Oct 2017 21:26

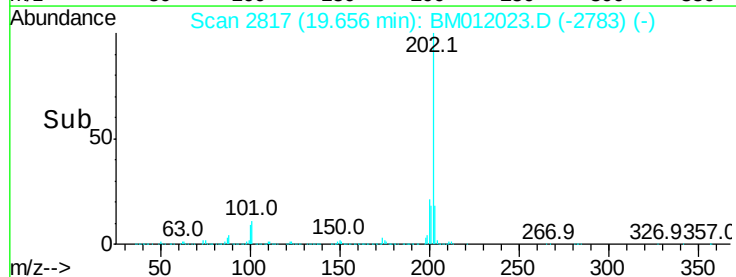
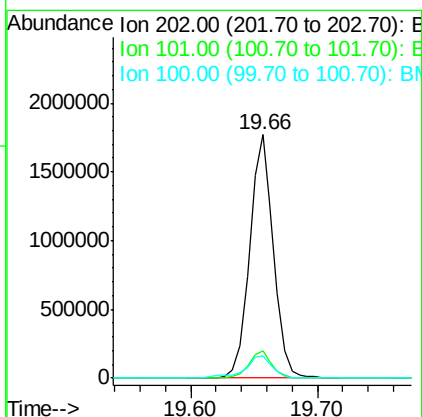
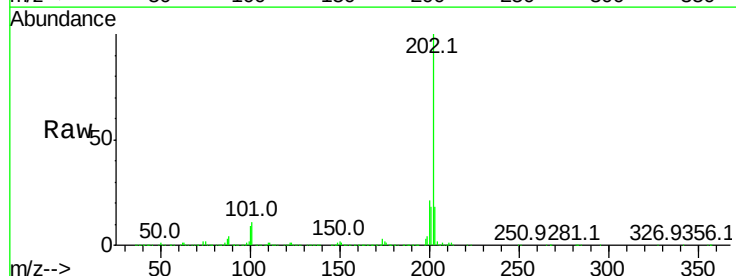
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02035

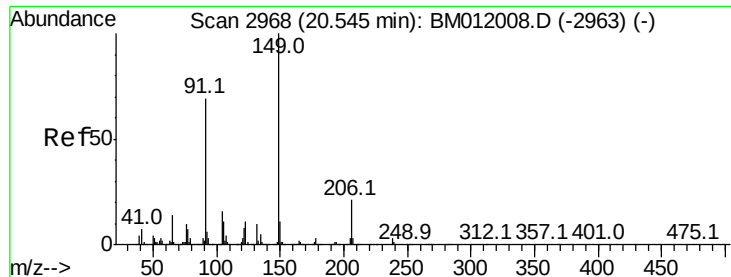
Tot Ion:202 Resp: 2137860
 Ion Ratio Lower Upper
 202 100
 101 9.4 4.6 7.0#
 100 7.5 3.4 5.2#



#77
 Pyrene
 Concen: 21.642 ng/ul
 RT: 19.66 min Scan# 2817
 Delta R.T. -0.00 min
 Lab File: BM012023.D
 Acq: 09 Oct 2017 21:26

Tgt Ion:202 Resp: 2295693
 Ion Ratio Lower Upper
 202 100
 101 11.0 5.1 7.7#
 100 9.3 4.9 7.3#

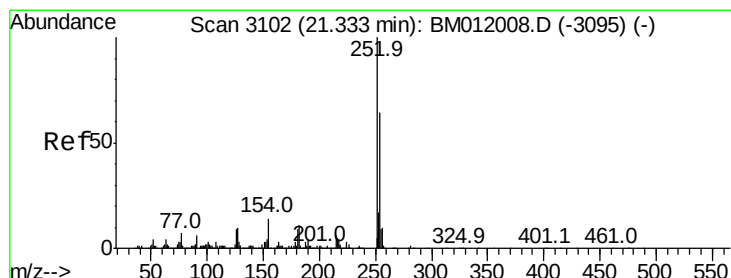
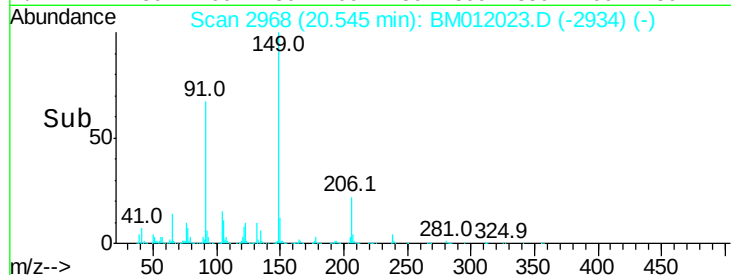
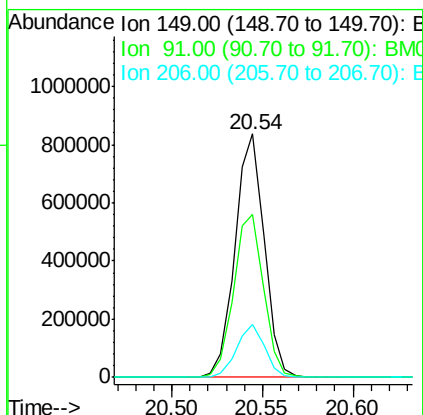
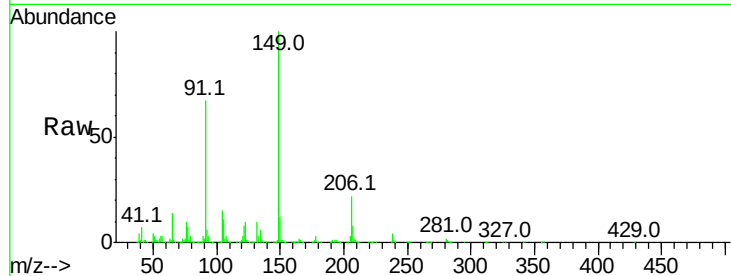




#78
Butylbenzylphthalate
Concen: 22.461 ng/ul
RT: 20.54 min Scan# 2968
Delta R.T. -0.00 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

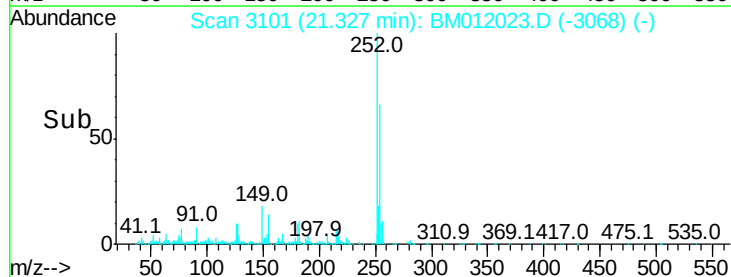
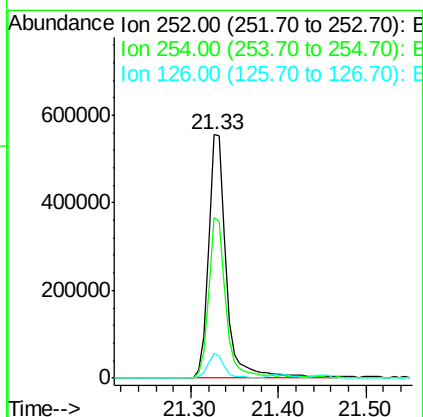
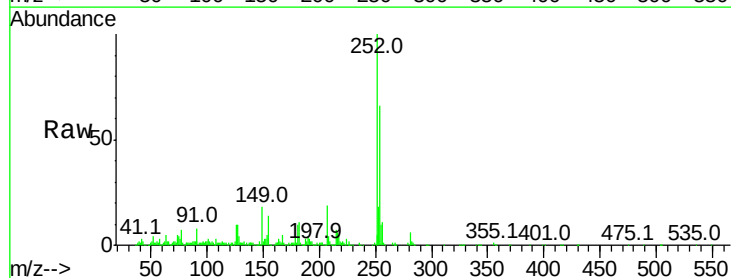
Instrument :
BNA_M
ClientSampled :
SSTD02035

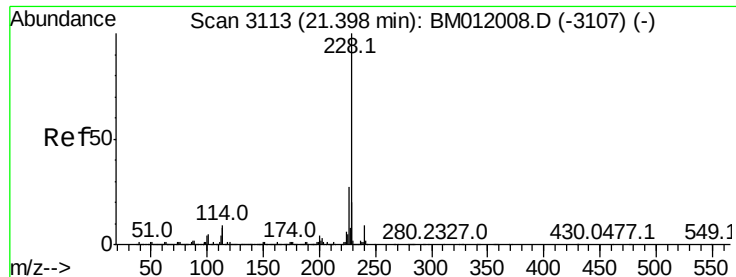
Tot Ion:149 Resp: 933319
Ion Ratio Lower Upper
149 100
91 67.1 62.7 94.1
206 21.5 20.8 31.2



#79
3,3'-Dichlorobenzidine
Concen: 22.041 ng/ul
RT: 21.33 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

Tgt Ion:252 Resp: 784986
Ion Ratio Lower Upper
252 100
254 65.6 54.5 81.7
126 10.0 5.8 8.8#





#80

Benzo(a)anthracene

Concen: 22.179 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Instrument :

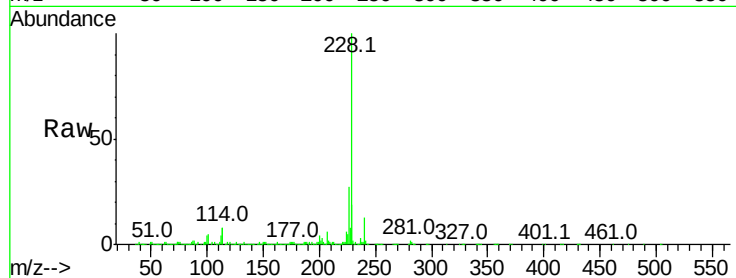
BNA_M

ClientSampleId :

SSTD02035

Tot Ion:228 Resp: 2430657

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.4	23.0
226	26.6	21.4	32.0

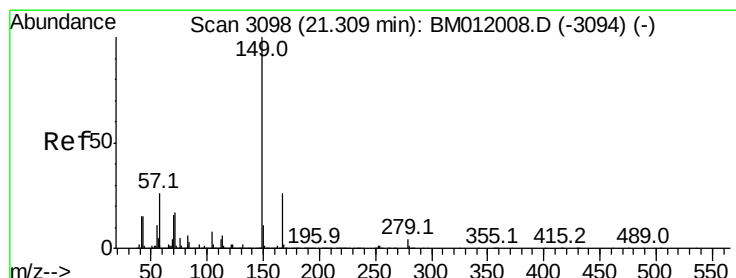
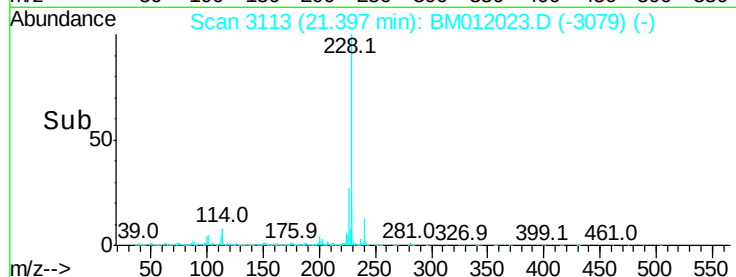
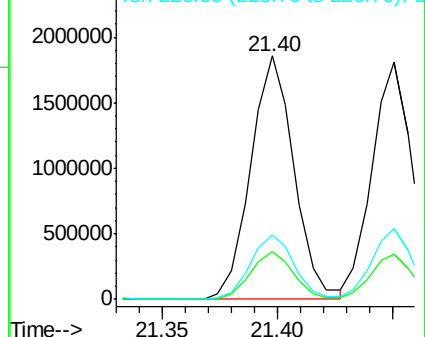


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 22.192 ng/ul

RT: 21.31 min Scan# 3098

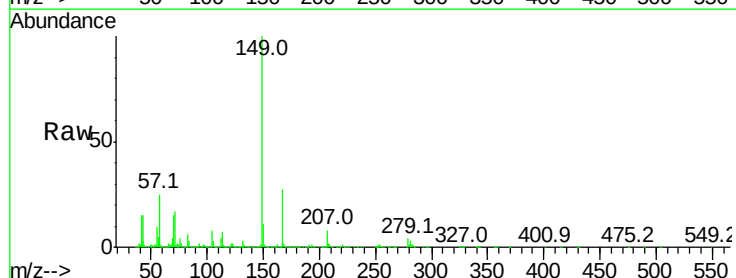
Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Tgt Ion:149 Resp: 1371842

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.8	34.2
279	4.3	4.9	7.3#

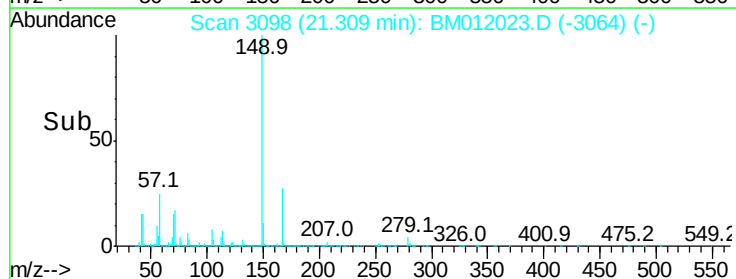
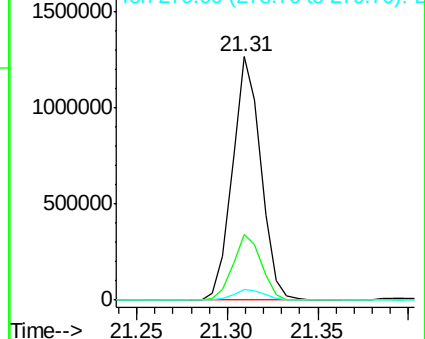


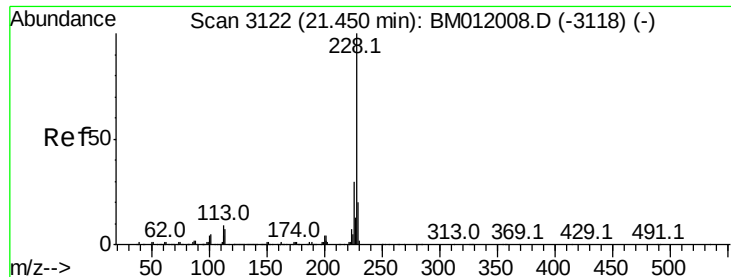
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 21.444 ng/ul

RT: 21.45 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Instrument :

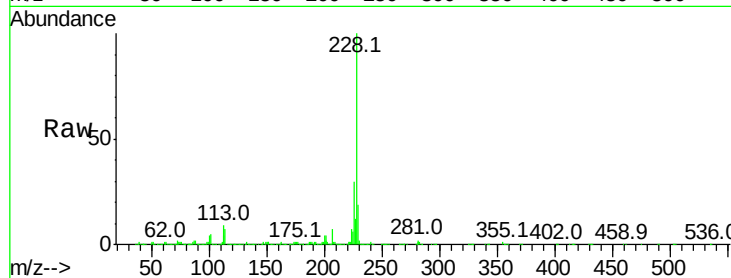
BNA_M

ClientSampleId :

SSTD02035

Tot Ion:228 Resp: 2232978

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	19.2	15.5	23.3

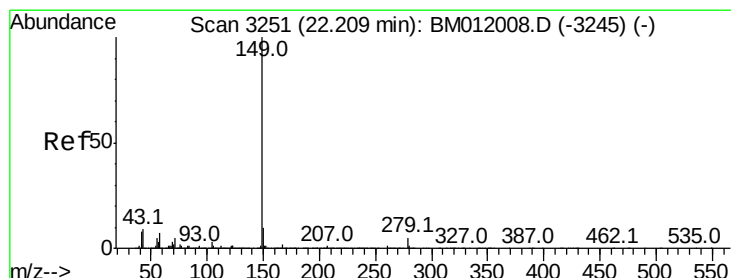
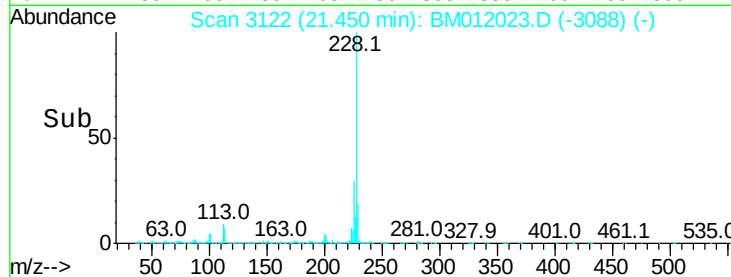
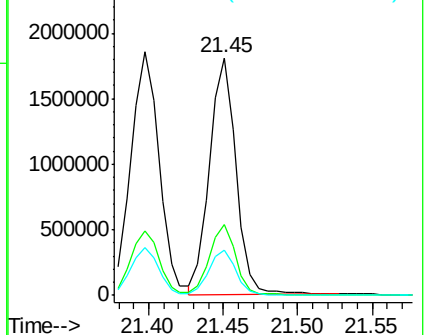


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 20.948 ng/ul

RT: 22.21 min Scan# 3251

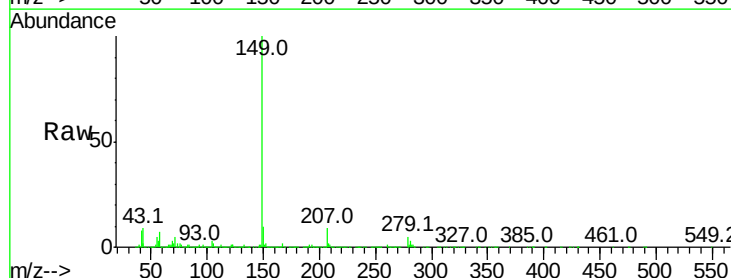
Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Tgt Ion:149 Resp: 2442767

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.0	7.3	10.9

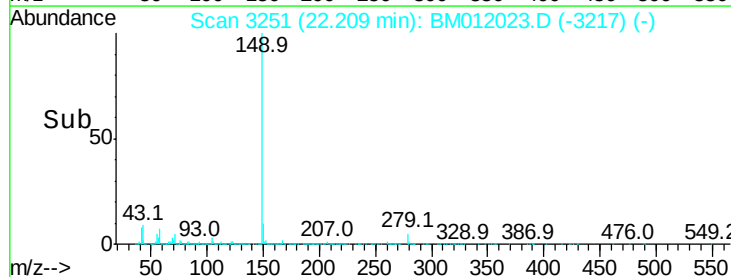
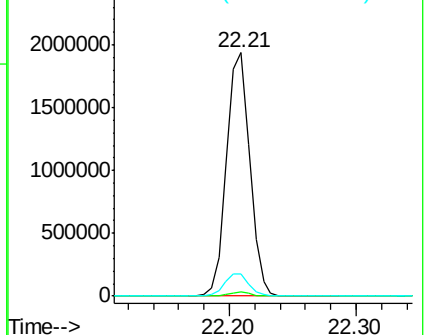


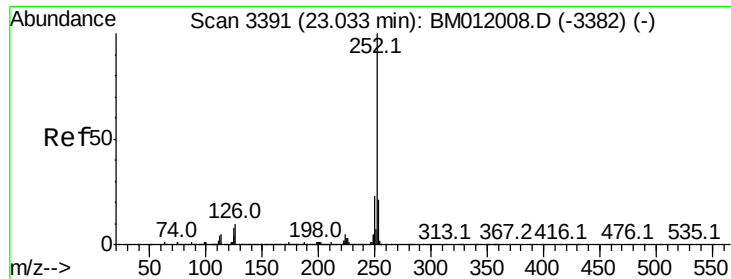
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 20.827 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. -0.01 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Instrument :

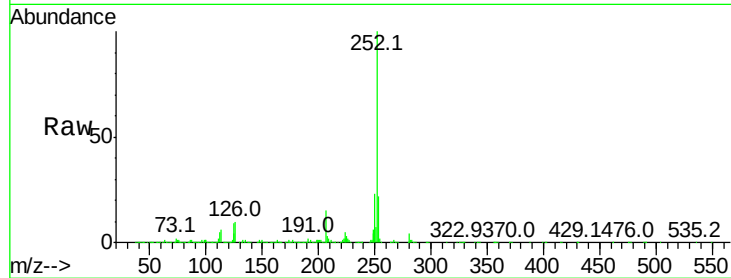
BNA_M

ClientSampleId :

SSTD02035

Tot Ion:252 Resp: 2526784

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	8.5	3.6	5.4

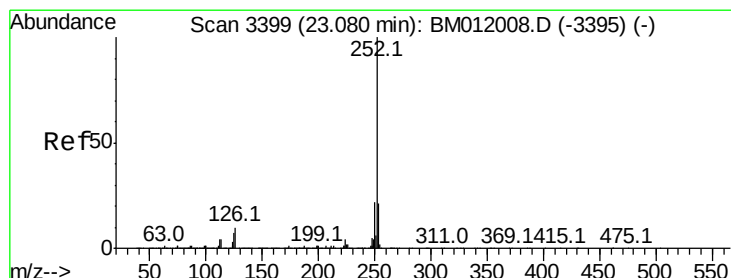
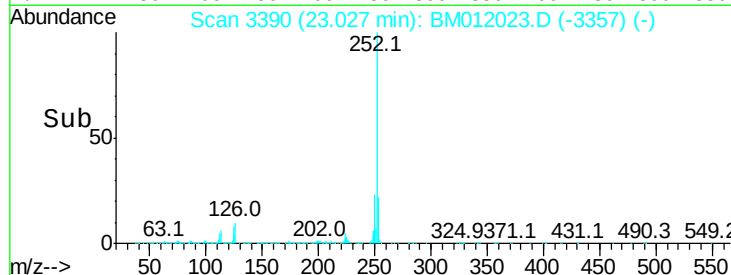
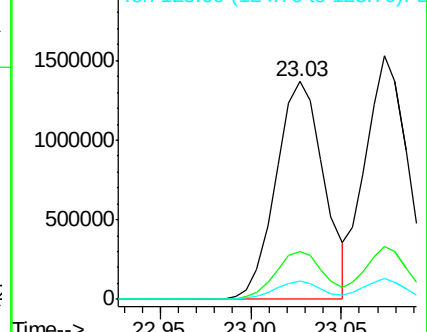


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 21.111 ng/ul

RT: 23.07 min Scan# 3398

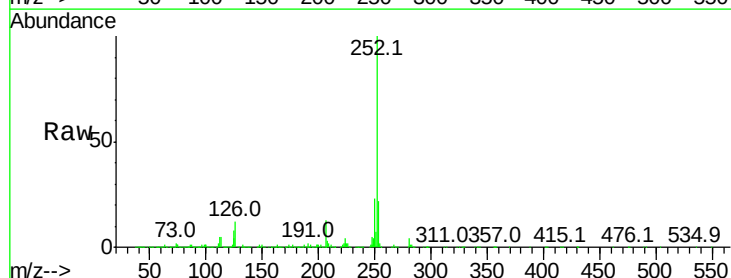
Delta R.T. -0.01 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Tgt Ion:252 Resp: 2557021

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	8.4	3.4	5.2

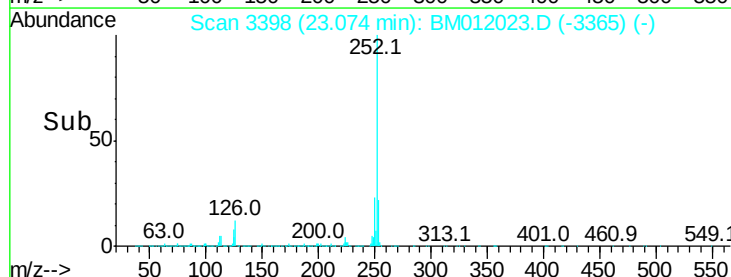
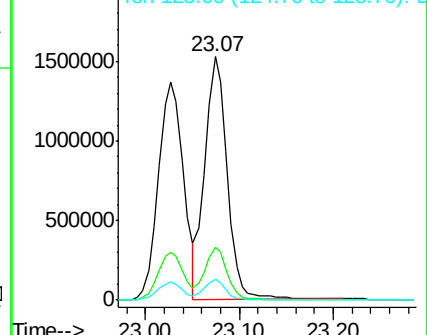


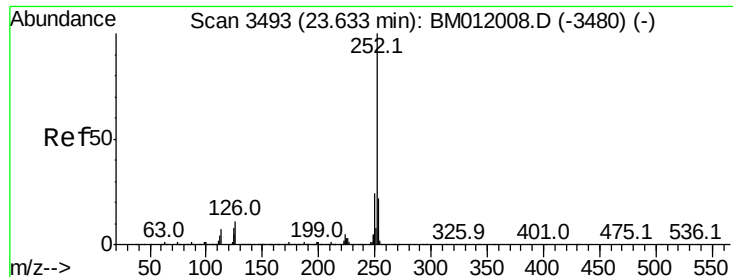
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 21.022 ng/ul

RT: 23.63 min Scan# 3493

Delta R.T. -0.00 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD02035

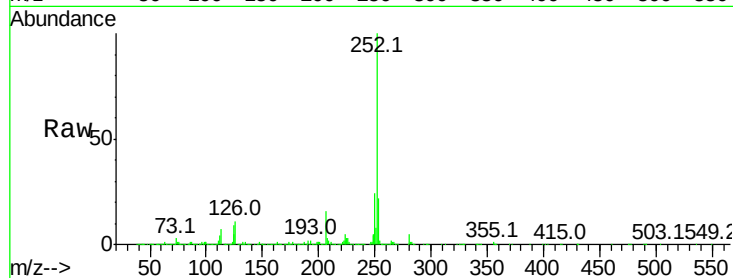
Tot Ion:252 Resp: 2450696

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

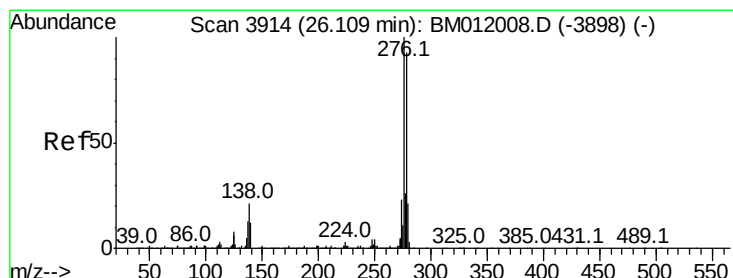
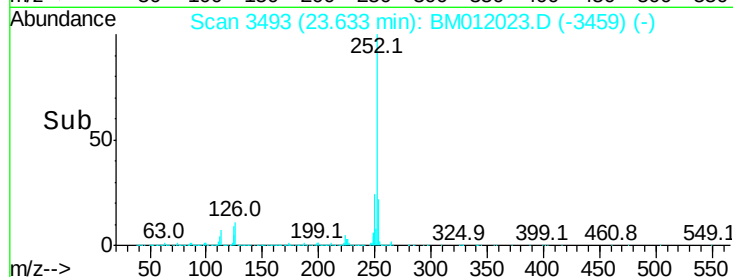
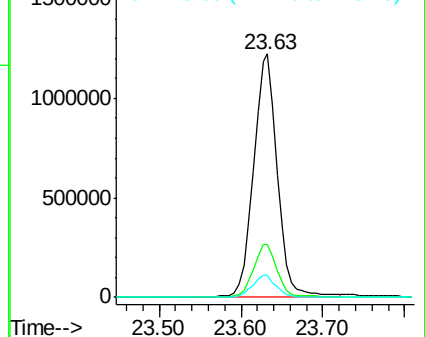
125 9.0 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 20.760 ng/ul

RT: 26.10 min Scan# 3912

Delta R.T. -0.01 min

Lab File: BM012023.D

Acq: 09 Oct 2017 21:26

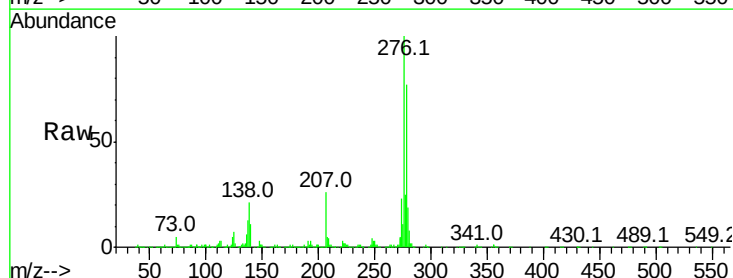
Tgt Ion:276 Resp: 2589893

Ion Ratio Lower Upper

276 100

138 20.7 9.3 13.9#

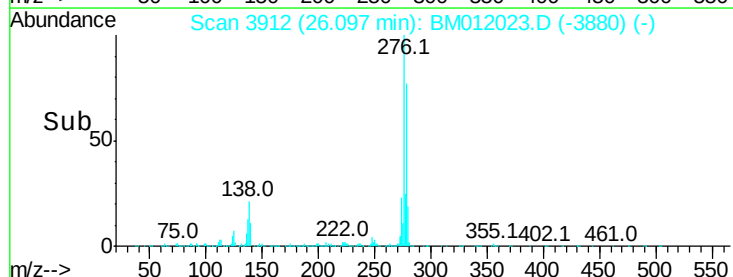
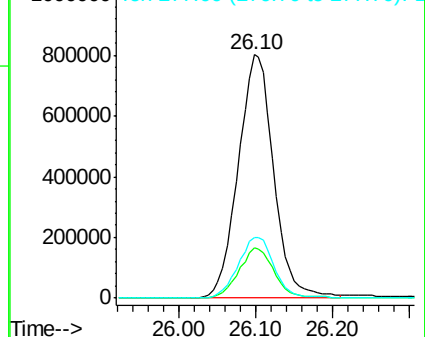
277 24.7 19.9 29.9

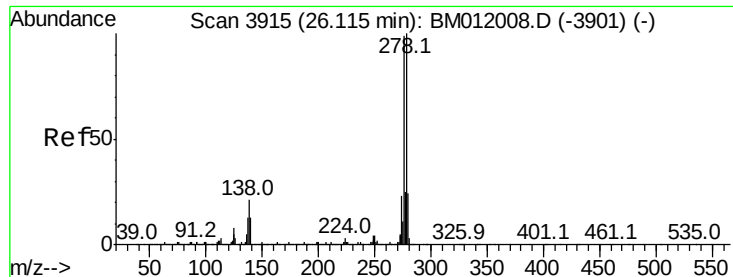


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



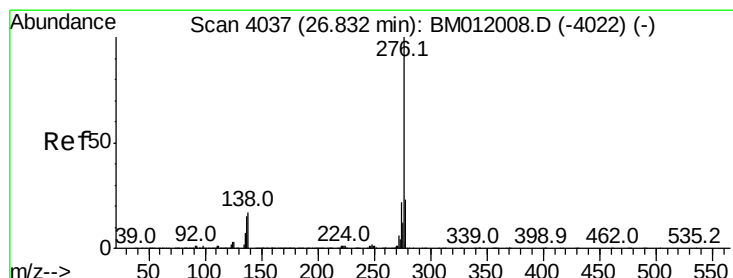
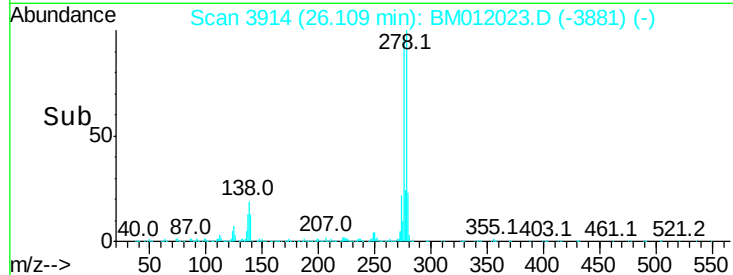
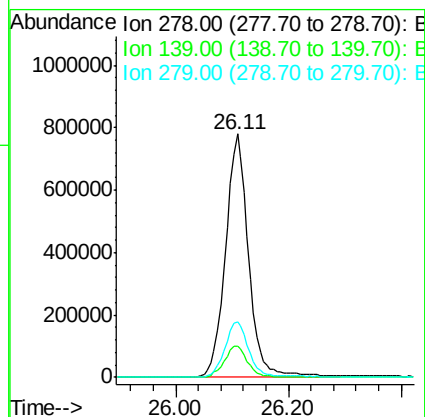
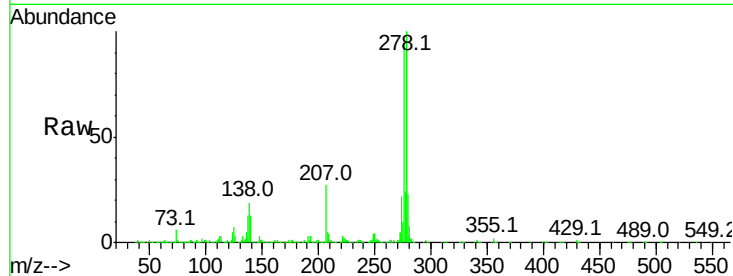


#90

Dibenzo(a,h)anthracene
Concen: 21.760 ng/ul
RT: 26.11 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

Instrument :
BNA_M
ClientSampleId :
SSTD02035

Tot Ion:278 Resp: 2230565
Ion Ratio Lower Upper
278 100
139 12.7 5.8 8.8#
279 23.0 18.6 27.8



#91

Benzo(g,h,i)perylene
Concen: 20.363 ng/ul
RT: 26.83 min Scan# 4036
Delta R.T. -0.01 min
Lab File: BM012023.D
Acq: 09 Oct 2017 21:26

Tgt Ion:276 Resp: 2101347
Ion Ratio Lower Upper
276 100
138 17.6 8.5 12.7#
277 23.7 18.6 28.0

