

Data File : BM023717.D
Acq On : 14 Nov 2019 15:28
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02018

Quant Time: Nov 15 06:25:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 14 03:45:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	378640	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.30	136	1618320	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.19	164	1066903	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.94	188	2269625	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2395724	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	2744436	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	69393	7.55	ng/uL	0.00
5) Phenol-d5	6.72	99	645561	18.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	367586	18.53	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.07	132	494394	19.77	ng/ul	-0.01
13) 4-Methylphenol-d8	8.25	113	510542	18.54	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	241021	20.81	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.40	143	270627	22.23	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.94	165	542293	19.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	630867	20.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.61	166	1560010	18.75	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	1849486	19.48	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.42	143	275458	19.40	ng/ul	0.00
58) Fluorene-d10	15.19	176	1365520	18.59	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.32	200	269632	20.54	ng/ul	0.00
71) Anthracene-d10	17.04	188	2122486	19.71	ng/ul	0.00
79) Pyrene-d10	19.34	212	2384787	19.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	2780461	19.25	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.10	88	72385	7.354	ng/ul 97
4) Benzaldehyde	6.68	77	270718	13.370	ng/ul 96
6) Phenol	6.75	94	669990	18.843	ng/ul 99
8) Bis(2-Chloroethyl)ether	6.97	93	519813	19.088	ng/ul 99
10) 2-Chlorophenol	7.10	128	527671	20.464	ng/ul 99
11) 2-Methylphenol	7.99	108	502801	18.946	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.07	45	506588	19.069	ng/ul 98
14) Acetophenone	8.35	105	809591	18.854	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.35	70	426511	18.906	ng/ul 97
16) 4-Methylphenol	8.31	108	547242	18.623	ng/ul 98
17) Hexachloroethane	8.60	117	209076	20.439	ng/ul 99
20) Nitrobenzene	8.72	77	607452	19.834	ng/ul 97
21) Isophorone	9.25	82	1136111	19.016	ng/ul 99
23) 2-Nitrophenol	9.43	139	298555	22.046	ng/ul 99
24) 2,4-Dimethylphenol	9.50	107	611349	19.754	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.74	93	713893	19.040	ng/ul 98
27) 2,4-Dichlorophenol	9.96	162	534228	20.006	ng/ul 99
28) Naphthalene	10.36	128	1658947	19.503	ng/ul 99
30) 4-Chloroaniline	10.47	127	662678	21.148	ng/ul 99
31) Hexachlorobutadiene	10.65	225	349724	19.396	ng/ul 98
32) Caprolactam	11.26	113	159612	18.444	ng/ul 98
33) 4-Chloro-3-methylphenol	11.62	107	567759	19.155	ng/ul 98
34) 2-Methylnaphthalene	11.98	142	1238270	19.030	ng/ul 100

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.20	142	1200414	18.706	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.36	216	686485	19.692	ng/ul	97
38) Hexachlorocyclopentadiene	12.34	237	496128	27.169	ng/ul	99
39) 2,4,6-Trichlorophenol	12.61	196	446370	20.766	ng/ul	99
40) 2,4,5-Trichlorophenol	12.69	196	483382	20.649	ng/ul	98
41) 1,1'-Biphenyl	13.02	154	1656141	20.122	ng/ul	99
42) 2-Chloronaphthalene	13.05	162	1272012	20.079	ng/ul	99
43) 2-Nitroaniline	13.26	65	338314	22.453	ng/ul	98
45) Dimethylphthalate	13.66	163	1585871	19.450	ng/ul	100
46) 2,6-Dinitrotoluene	13.77	165	322133	21.691	ng/ul	98
48) Acenaphthylene	13.90	152	1926935	20.159	ng/ul	99
49) 3-Nitroaniline	14.10	138	278392	19.726	ng/ul	89
50) Acenaphthene	14.25	153	1344843	19.825	ng/ul	99
51) 2,4-Dinitrophenol	14.32	184	163308	17.442	ng/ul	94
53) 4-Nitrophenol	14.43	109	221137	19.294	ng/ul	97
54) Dibenzofuran	14.59	168	1956246	19.481	ng/ul	99
55) 2,4-Dinitrotoluene	14.57	165	471578	20.776	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.83	232	438497	19.790	ng/ul	98
57) Diethylphthalate	15.03	149	1576881	19.709	ng/ul	99
59) Fluorene	15.24	166	1582608	19.426	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.24	204	833707	18.964	ng/ul	99
61) 4-Nitroaniline	15.27	138	299897	17.349	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.34	198	301631	21.129	ng/ul	96
65) N-Nitrosodiphenylamine	15.46	169	1387080	20.830	ng/ul	98
66) 4-Bromophenyl-phenylether	16.14	248	564605	20.356	ng/ul	98
67) Hexachlorobenzene	16.25	284	664950	20.348	ng/ul	100
68) Atrazine	16.42	200	508968	20.404	ng/ul	99
69) Pentachlorophenol	16.60	266	359421	18.550	ng/ul	99
70) Phenanthrene	16.98	178	2554058	20.430	ng/ul	100
72) Anthracene	17.07	178	2615613	20.807	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.97	216	675691	20.999	ng/uL	100
74) Pentachlorobenzene	14.52	250	720664	20.271	ng/uL	99
75) Carbazole	17.34	167	2296925	21.920	ng/ul	100
76) Di-n-butylphthalate	17.93	149	2660270	23.022	ng/ul	99
77) Fluoranthene	19.00	202	3067967	22.906	ng/ul	98
80) Pyrene	19.37	202	3120541	20.151	ng/ul	100
81) Butylbenzylphthalate	20.29	149	1227474	25.027	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.07	252	1080215	21.485	ng/ul	99
83) Benzo(a)anthracene	21.13	228	3210042	20.313	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	1781668	24.060	ng/ul	99
85) Chrysene	21.18	228	2988412	20.088	ng/ul	100
87) Di-n-octyl phthalate	21.94	149	2997486	22.346	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	3324596	19.003	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	3284770	19.489	ng/ul	99
91) Benzo(a)pyrene	23.21	252	3187827	19.904	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.45	276	3919404	22.886	ng/ul	100
93) Dibenzo(a,h)anthracene	25.46	278	3290183	22.765	ng/ul	99
94) Benzo(g,h,i)perylene	26.10	276	3245873	23.390	ng/ul	99

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Quantitation Report (Not Reviewed)

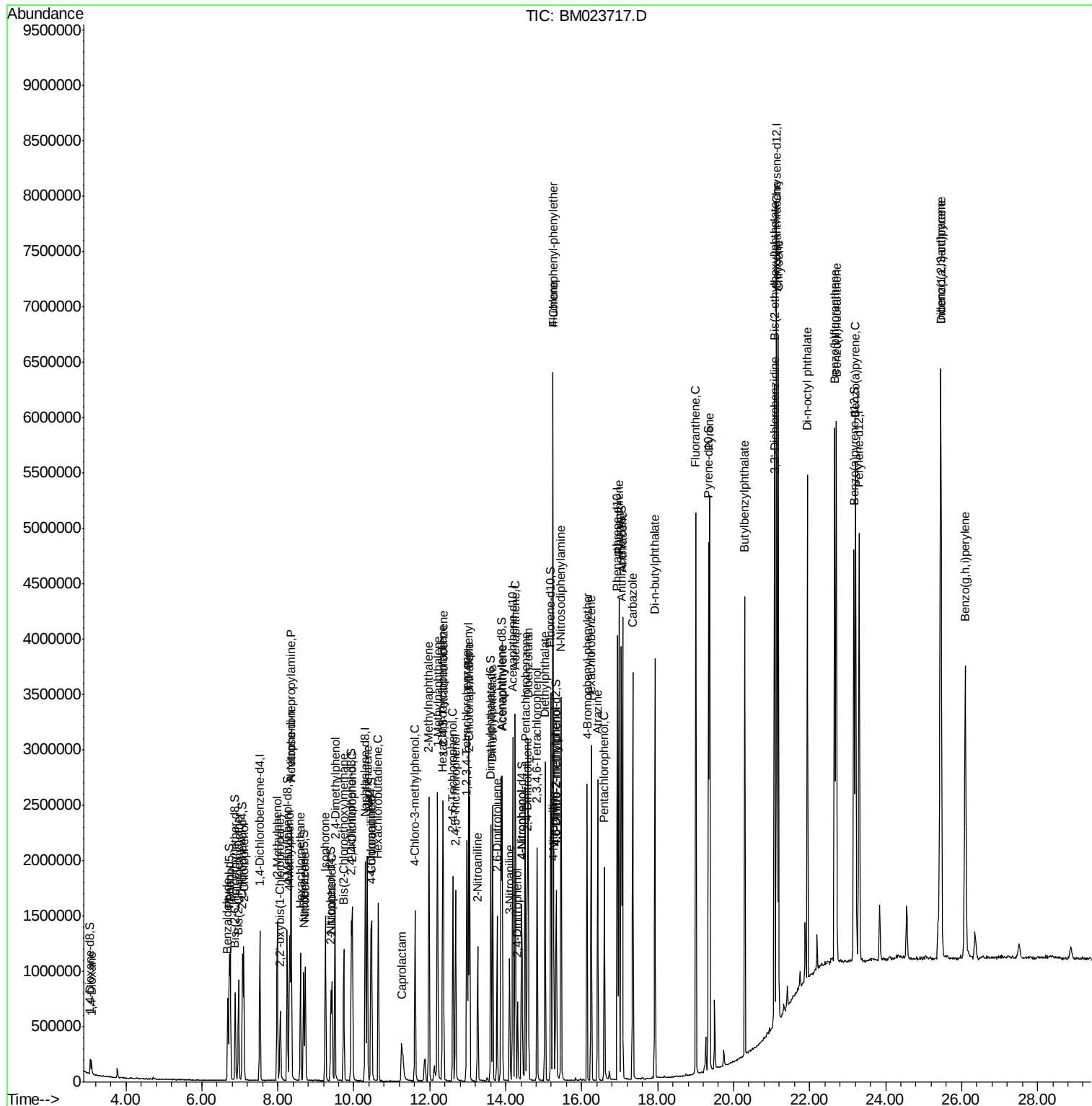
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Misc :
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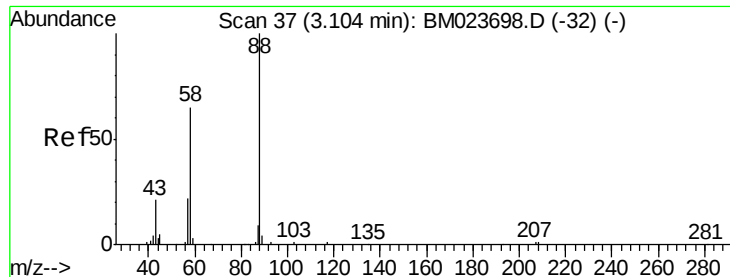
Instrument :
BNA_M
ClientSampleId :
SSTD02018

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

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





#2

1,4-Dioxane

Concen: 7.354 ng/uL

RT: 3.10 min Scan# 36

Delta R.T. -0.01 min

Lab File: BM023717.D

Acq: 14 Nov 2019 15:28

Instrument :

BNA_M

ClientSampleId :

SSTD02018

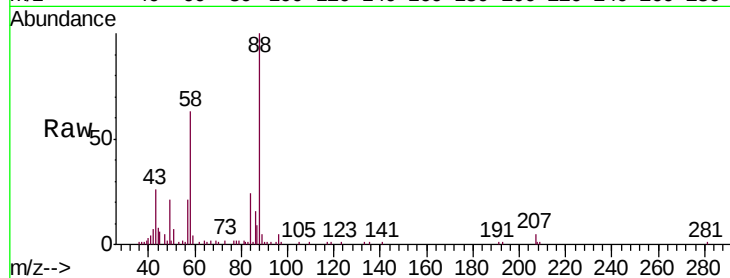
Tgt Ion: 88 Resp: 72385

Ion Ratio Lower Upper

88 100

43 26.4 18.9 28.3

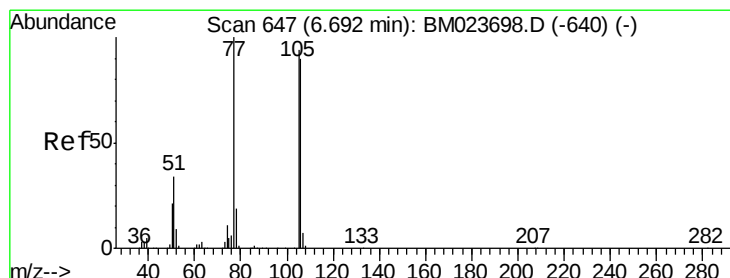
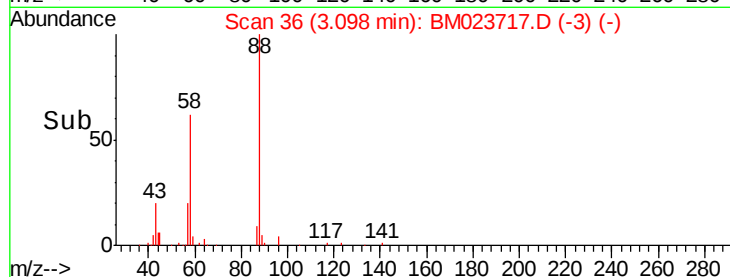
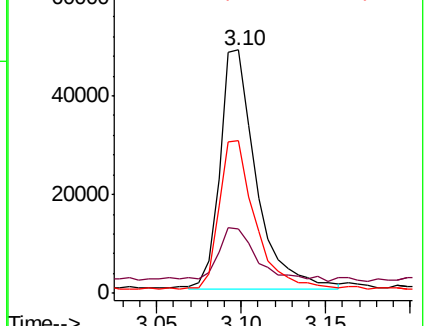
58 62.8 49.1 73.7



Abundance Ion 88.00 (87.70 to 88.70): BM023717.D (-32) (-)

Ion 43.00 (42.70 to 43.70): BM023717.D (-32) (-)

Ion 58.00 (57.70 to 58.70): BM023717.D (-32) (-)



#4

Benzaldehyde

Concen: 13.370 ng/uL

RT: 6.68 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM023717.D

Acq: 14 Nov 2019 15:28

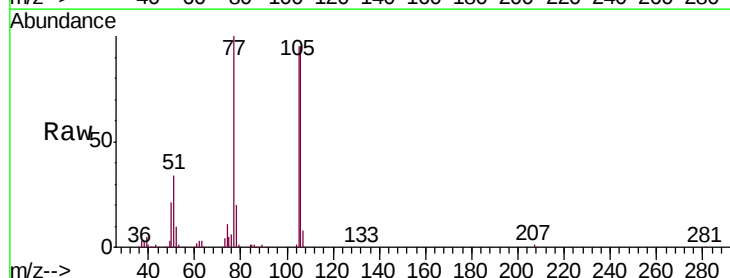
Tgt Ion: 77 Resp: 270718

Ion Ratio Lower Upper

77 100

105 95.1 75.9 113.9

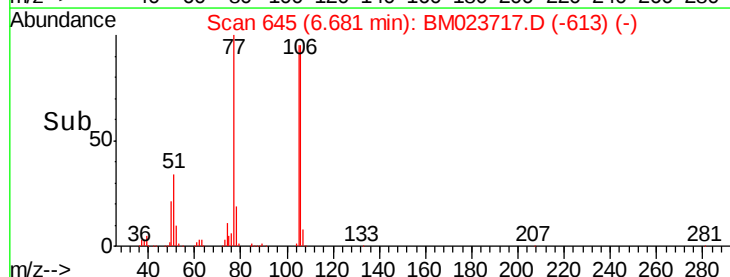
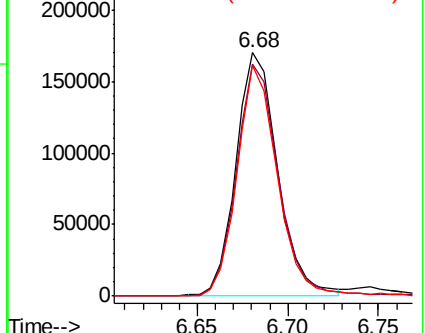
106 94.7 70.2 105.4

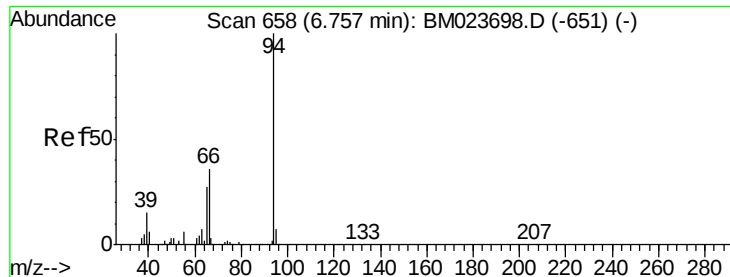


Abundance Ion 77.00 (76.70 to 77.70): BM023717.D (-613) (-)

Ion 105.00 (104.70 to 105.70): BM023717.D (-613) (-)

Ion 106.00 (105.70 to 106.70): BM023717.D (-613) (-)





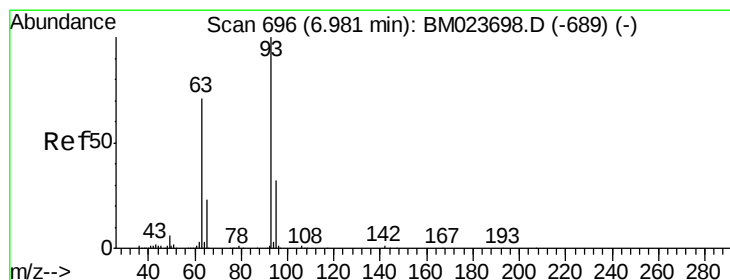
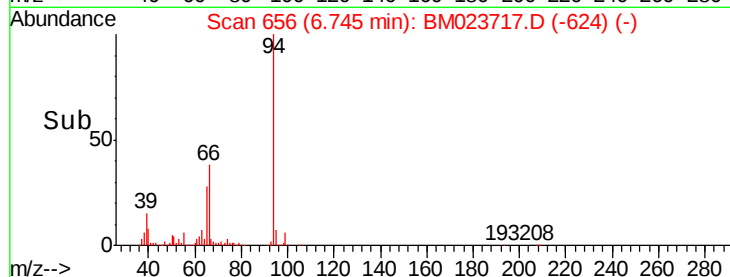
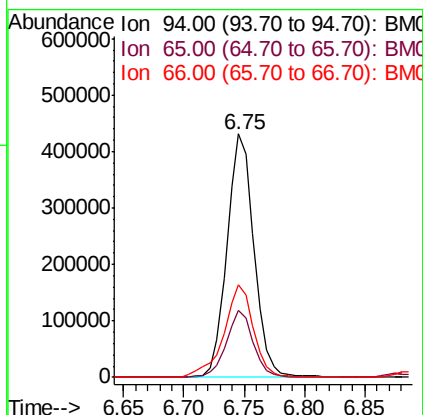
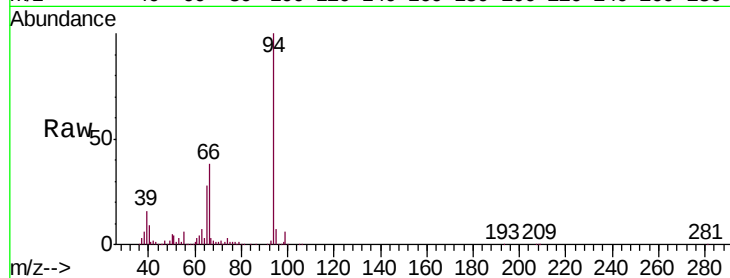
#6

Phenol

Concen: 18.843 ng/ul
 RT: 6.75 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BM023717.D
 Acq: 14 Nov 2019 15:28

Instrument :
 BNA_M
 ClientSampleId :
 SST02018

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.7	21.4	32.2
66	38.1	30.7	46.1

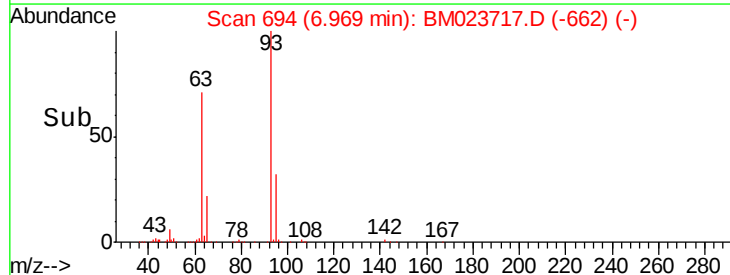
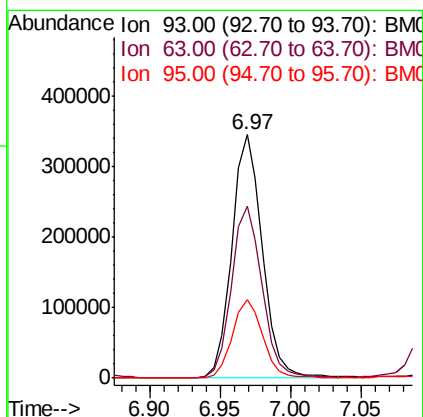
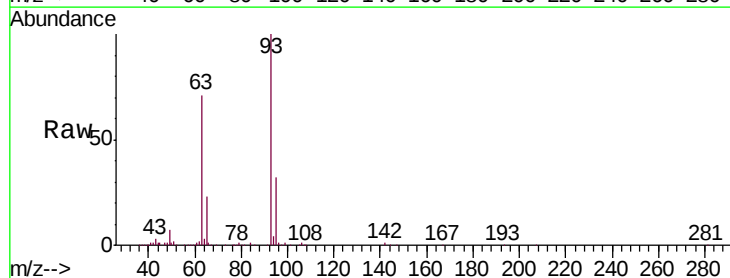


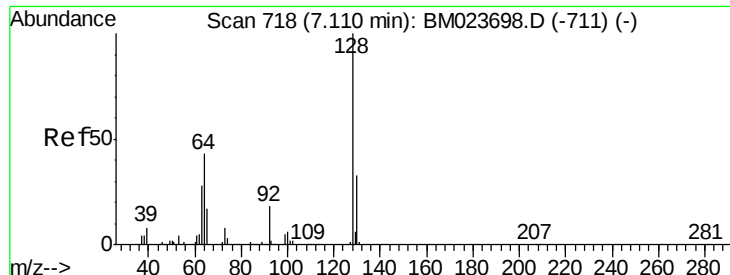
#8

Bis(2-Chloroethyl)ether

Concen: 19.088 ng/ul
 RT: 6.97 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BM023717.D
 Acq: 14 Nov 2019 15:28

Tgt Ion	Ratio	Lower	Upper
93	100		
63	70.6	55.4	83.0
95	32.4	26.2	39.4

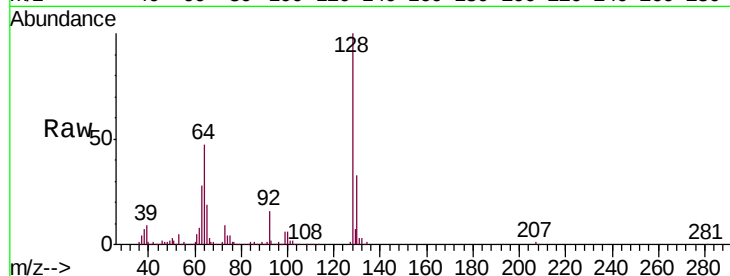




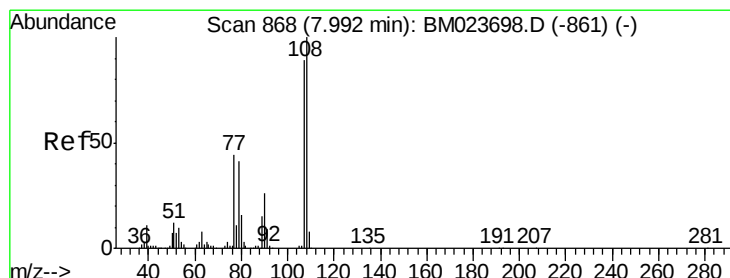
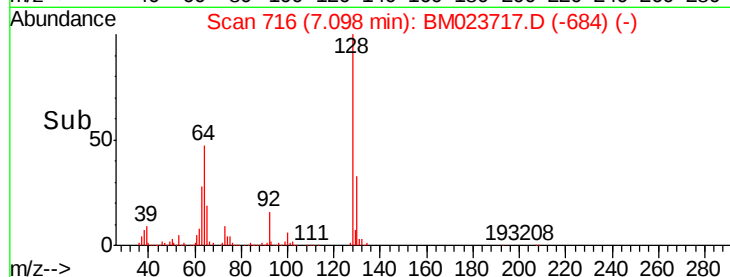
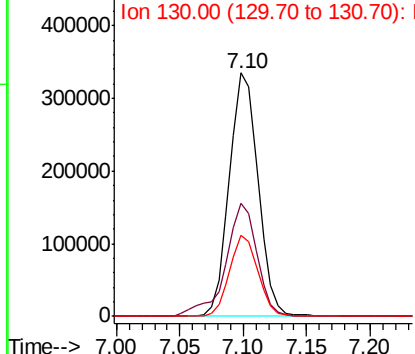
#10
2-Chlorophenol
Concen: 20.464 ng/ul
RT: 7.10 min Scan# 716
Delta R.T. -0.01 min
Lab File: BM023717.D
Acq: 14 Nov 2019 15:28

Instrument :
BNA_M
ClientSampleId :
SSTD02018

Tgt Ion:128 Resp: 527671
Ion Ratio Lower Upper
128 100
64 46.7 38.1 57.1
130 33.0 26.4 39.6

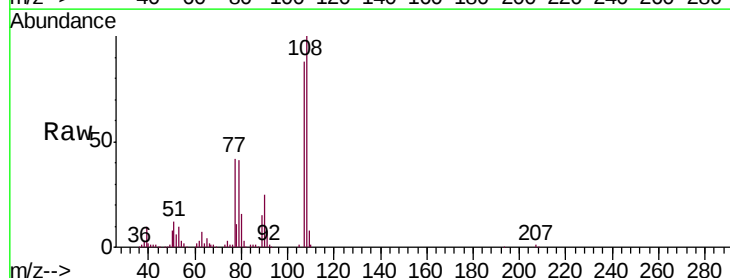


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM
Ion 130.00 (129.70 to 130.70): E

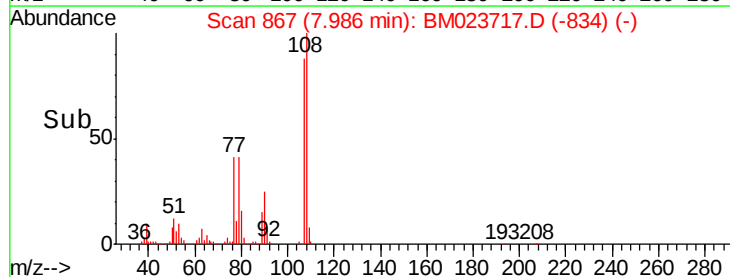
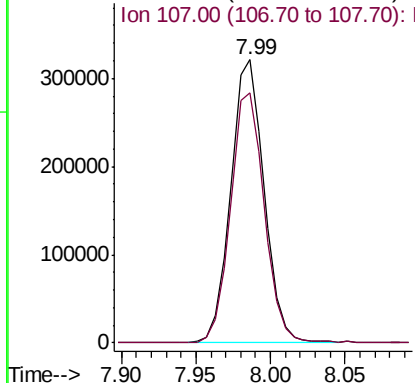


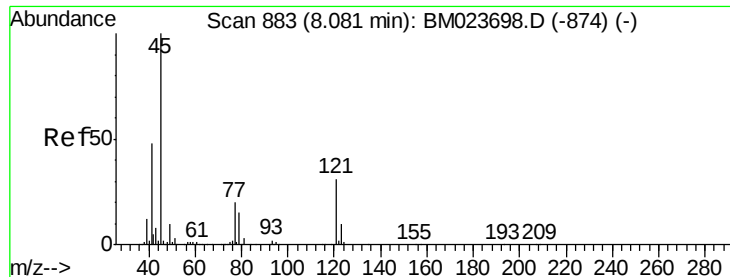
#11
2-Methylphenol
Concen: 18.946 ng/ul
RT: 7.99 min Scan# 867
Delta R.T. -0.01 min
Lab File: BM023717.D
Acq: 14 Nov 2019 15:28

Tgt Ion:108 Resp: 502801
Ion Ratio Lower Upper
108 100
107 88.1 71.4 107.2



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

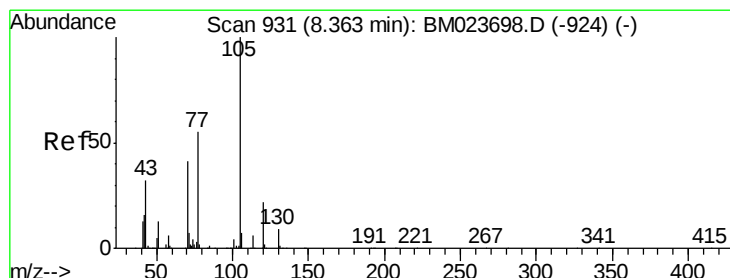
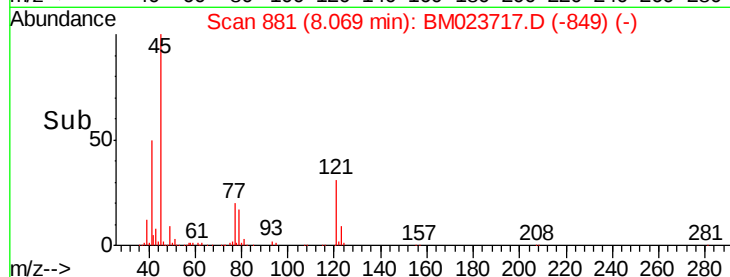
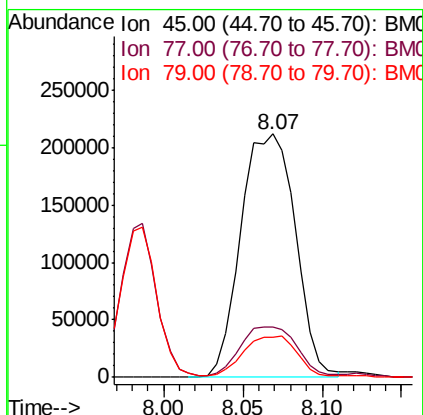
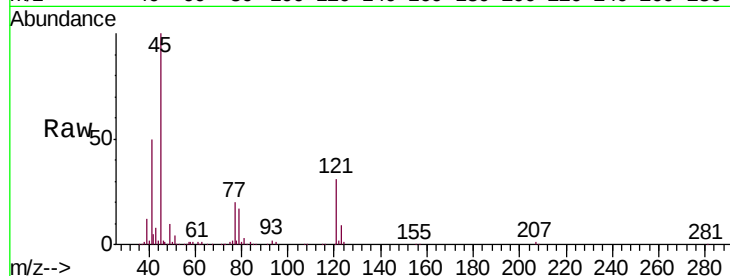




#12
2,2'-oxybis(1-chloropropane)
Concen: 19.069 ng/ul
RT: 8.07 min Scan# 881
Delta R.T. -0.01 min
Lab File: BM023717.D
Acq: 14 Nov 2019 15:28

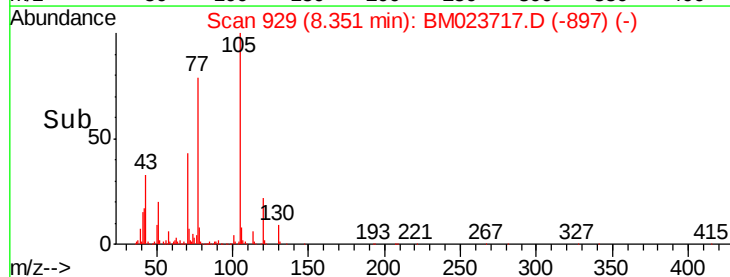
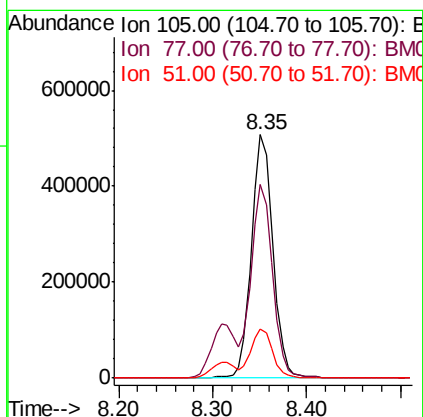
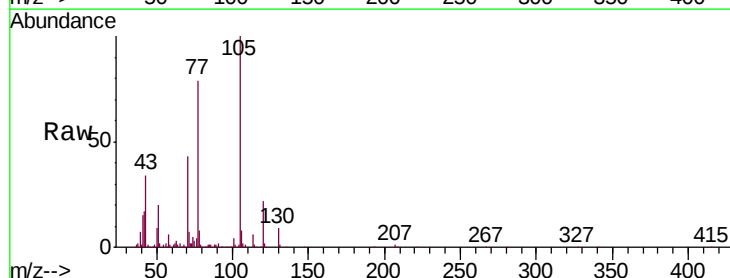
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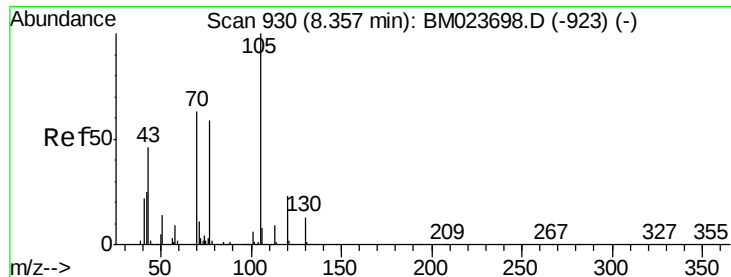
Tgt Ion: 45 Resp: 506588
Ion Ratio Lower Upper
45 100
77 20.5 17.4 26.0
79 16.7 13.9 20.9



#14
Acetophenone
Concen: 18.854 ng/ul
RT: 8.35 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM023717.D
Acq: 14 Nov 2019 15:28

Tgt Ion: 105 Resp: 809591
Ion Ratio Lower Upper
105 100
77 79.4 63.8 95.6
51 20.3 16.3 24.5

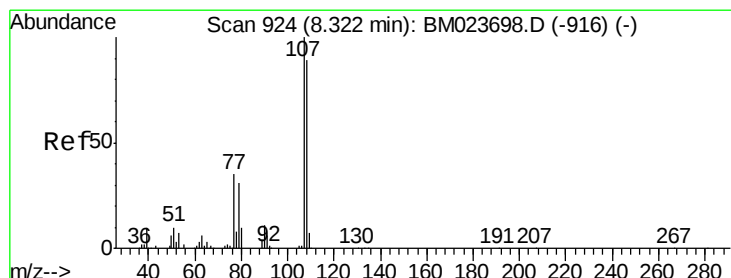
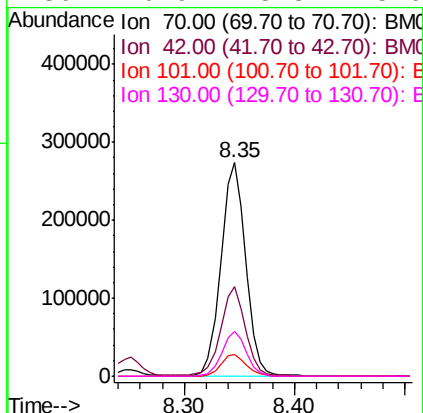
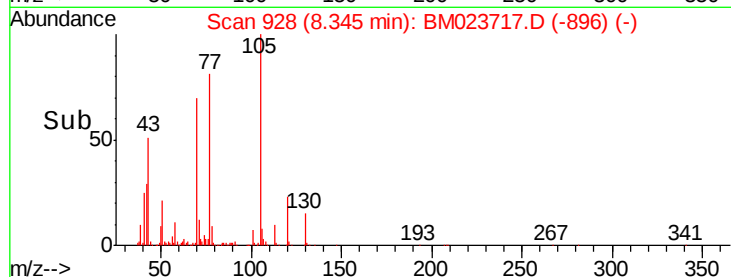
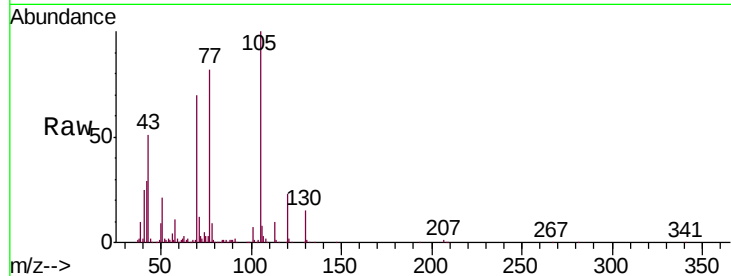




#15
N-Nitroso-di-n-propylamine
Concen: 18.906 ng/ul
RT: 8.35 min Scan# 928
Delta R.T. -0.01 min
Lab File: BM023717.D
Acq: 14 Nov 2019 15:28

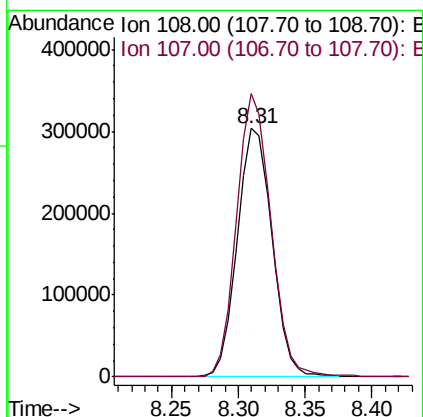
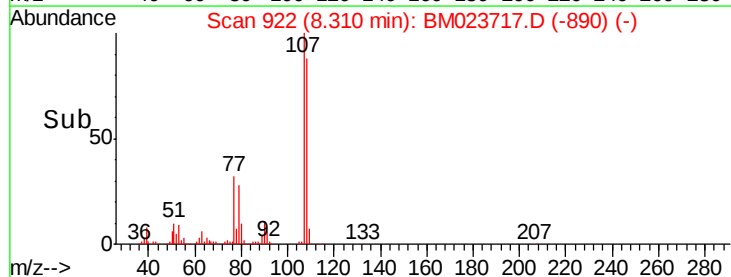
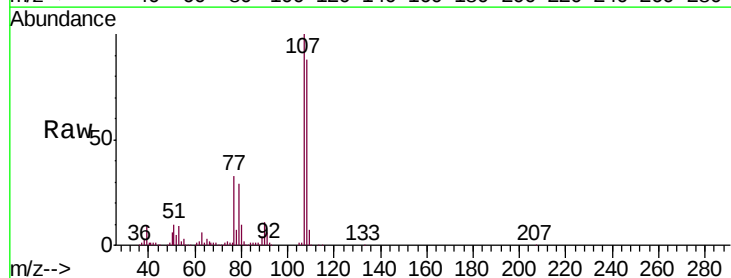
Instrument :
BNA_M
ClientSampleId :
SSTD02018

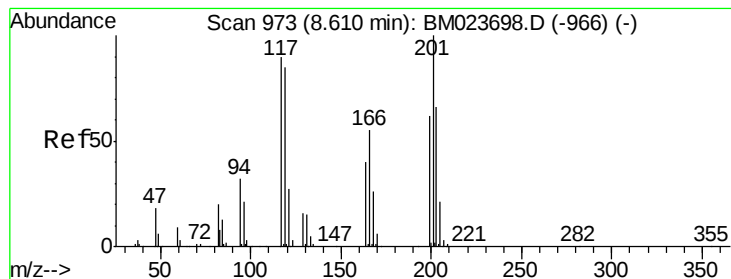
Tgt Ion:	70	Resp:	426511
Ion	Ratio	Lower	Upper
70	100		
42	41.9	32.1	48.1
101	9.9	7.4	11.2
130	20.9	15.8	23.6



#16
4-Methylphenol
Concen: 18.623 ng/ul
RT: 8.31 min Scan# 922
Delta R.T. -0.01 min
Lab File: BM023717.D
Acq: 14 Nov 2019 15:28

Tgt Ion:	108	Resp:	547242
Ion	Ratio	Lower	Upper
108	100		
107	114.0	89.8	134.6





#17

Hexachloroethane

Concen: 20.439 ng/ul

RT: 8.60 min Scan# 971

Delta R.T. -0.01 min

Lab File: BM023717.D

Acq: 14 Nov 2019 15:28

Instrument :

BNA_M

ClientSampleId :

SSTD02018

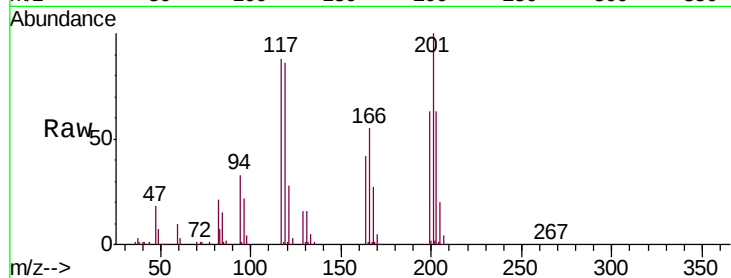
Tgt Ion:117 Resp: 209076

Ion Ratio Lower Upper

117 100

201 113.2 90.0 135.0

199 71.6 57.0 85.4

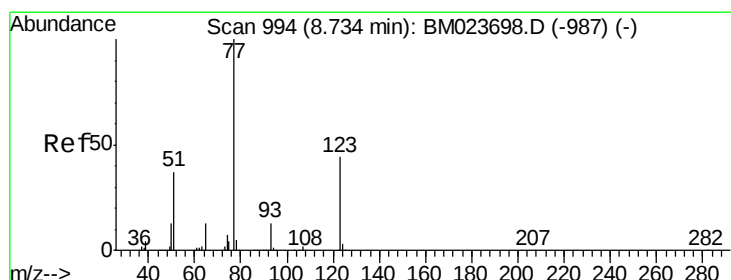
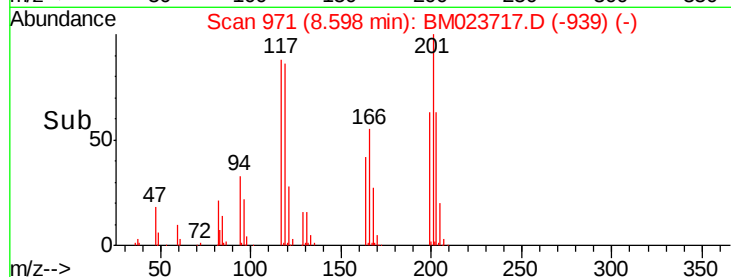
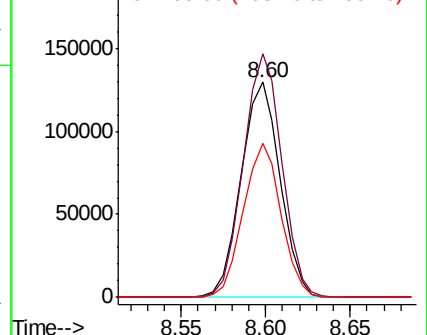


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 19.834 ng/ul

RT: 8.72 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM023717.D

Acq: 14 Nov 2019 15:28

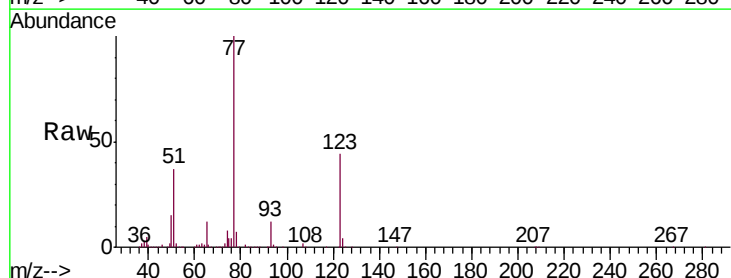
Tgt Ion: 77 Resp: 607452

Ion Ratio Lower Upper

77 100

123 43.8 33.1 49.7

65 12.3 9.8 14.8

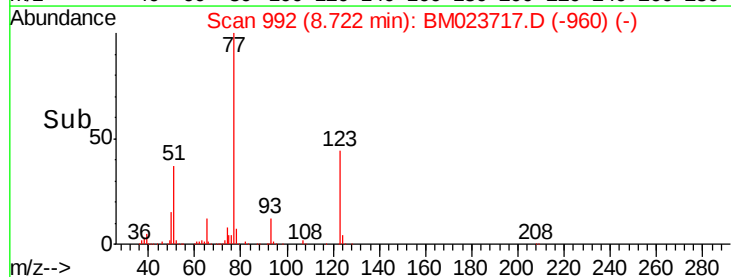
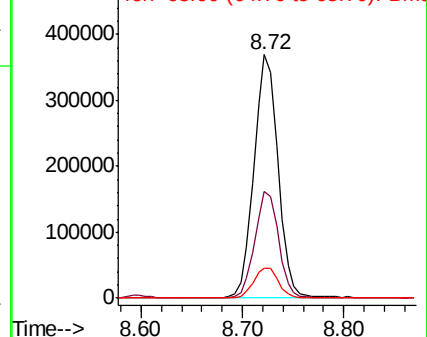


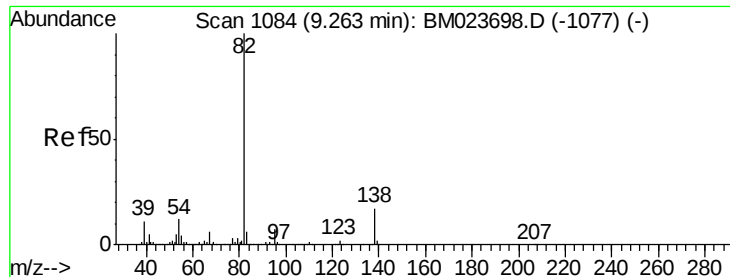
Abundance

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: 19.016 ng/ul

RT: 9.25 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BM023717.D

Acq: 14 Nov 2019 15:28

Instrument :

BNA_M

ClientSampleId :

SSTD02018

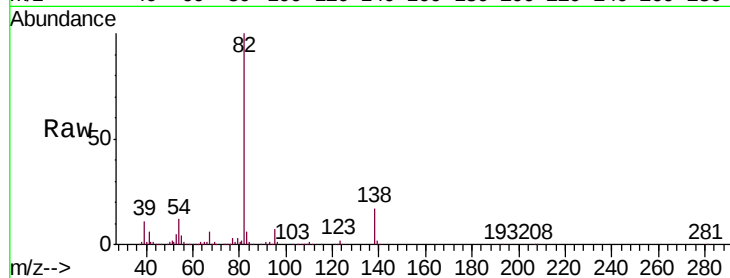
Tgt Ion: 82 Resp: 1136111

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.8

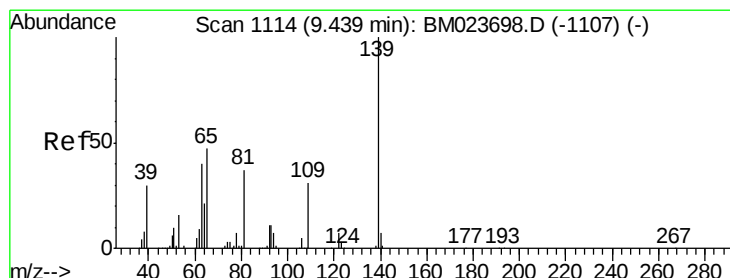
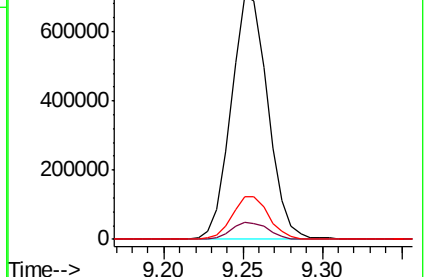
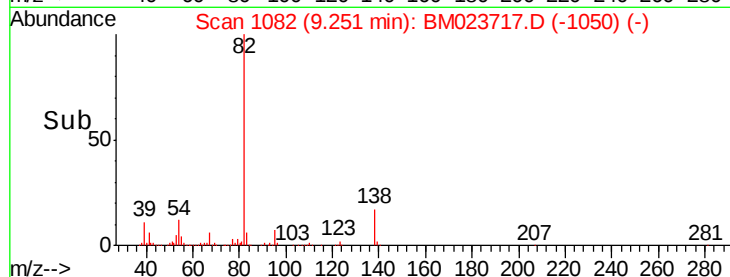
138 17.5 13.4 20.2



Abundance Ion 82.00 (81.70 to 82.70): BM023717.D (-1050) (-)

Ion 95.00 (94.70 to 95.70): BM023717.D (-1050) (-)

Ion 138.00 (137.70 to 138.70): BM023717.D (-1050) (-)



#23

2-Nitrophenol

Concen: 22.046 ng/ul

RT: 9.43 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BM023717.D

Acq: 14 Nov 2019 15:28

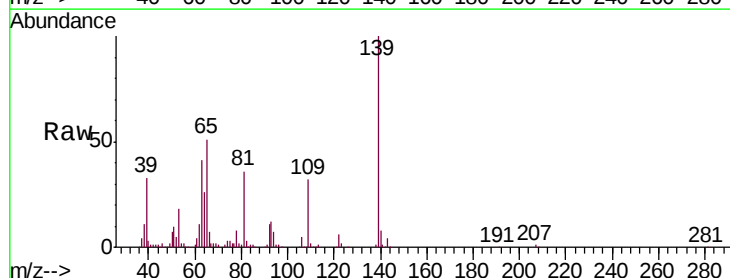
Tgt Ion: 139 Resp: 298555

Ion Ratio Lower Upper

139 100

65 51.1 41.7 62.5

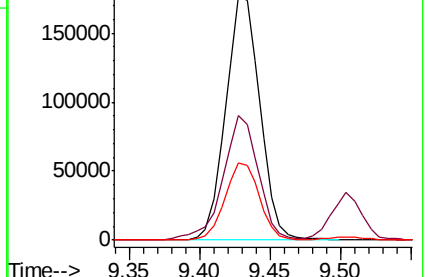
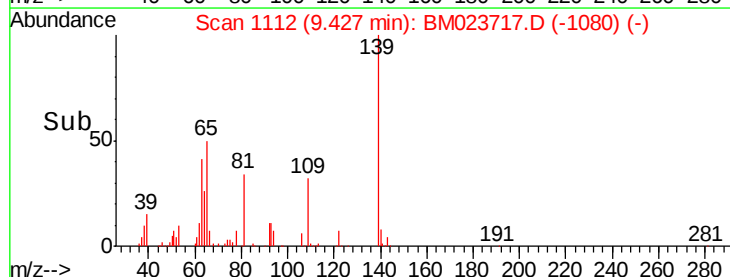
109 31.7 26.1 39.1

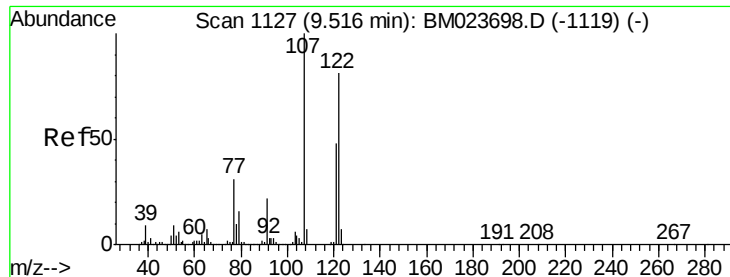


Abundance Ion 139.00 (138.70 to 139.70): BM023717.D (-1080) (-)

Ion 65.00 (64.70 to 65.70): BM023717.D (-1080) (-)

Ion 109.00 (108.70 to 109.70): BM023717.D (-1080) (-)

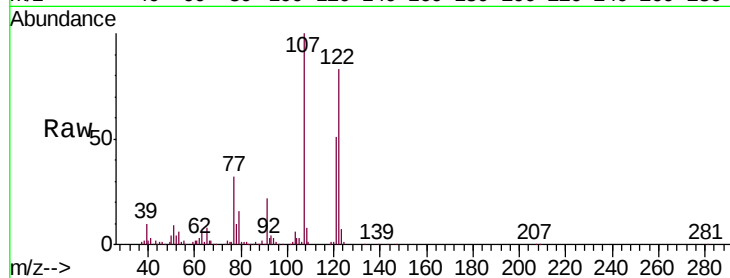




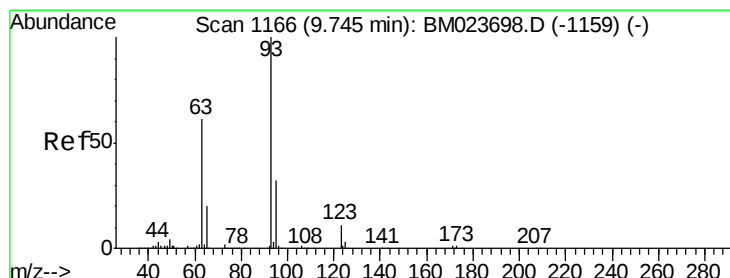
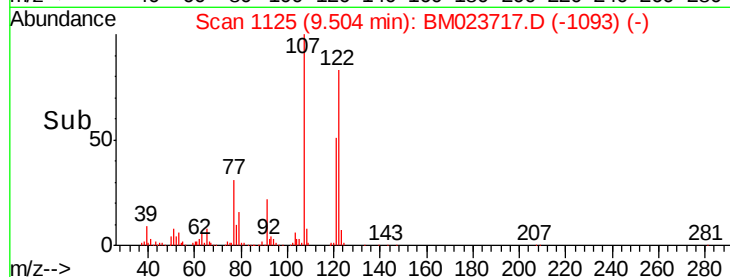
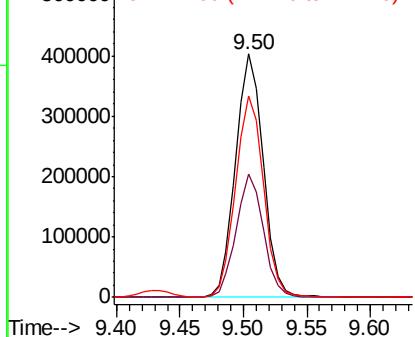
#24
 2,4-Dimethylphenol
 Concen: 19.754 ng/ul
 RT: 9.50 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BM023717.D
 Acq: 14 Nov 2019 15:28

Instrument :
 BNA_M
 ClientSampled :
 SSTD02018

Tgt Ion: 107 Resp: 611349
 Ion Ratio Lower Upper
 107 100
 121 50.6 38.6 57.8
 122 82.9 65.9 98.9

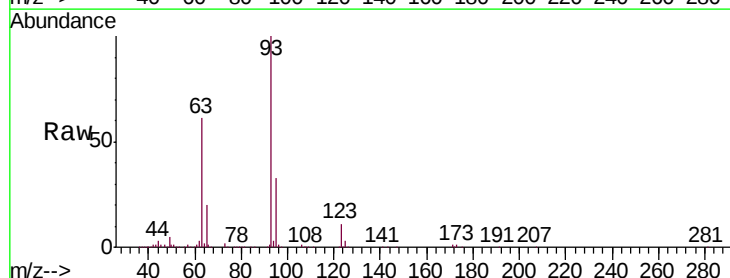


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E
 Ion 122.00 (121.70 to 122.70): E

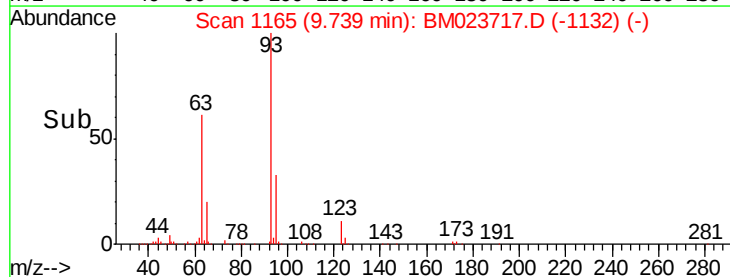
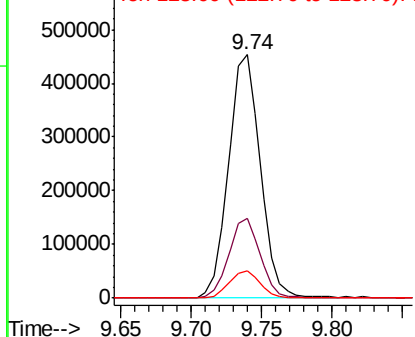


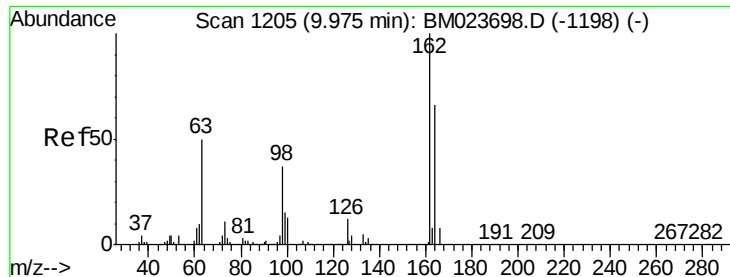
#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.040 ng/ul
 RT: 9.74 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BM023717.D
 Acq: 14 Nov 2019 15:28

Tgt Ion: 93 Resp: 713893
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.7 38.5
 123 11.1 8.3 12.5



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E

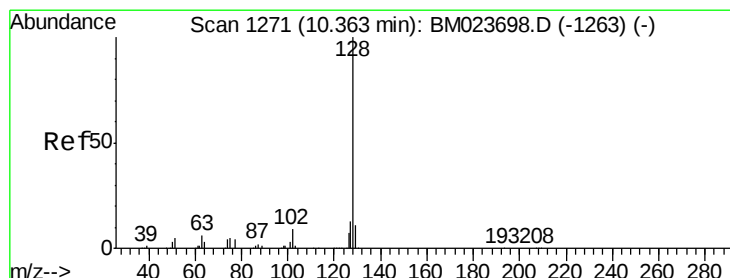
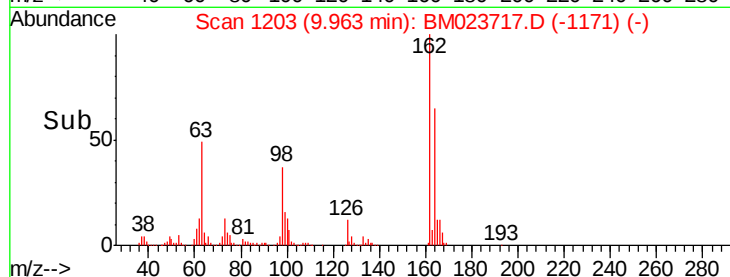
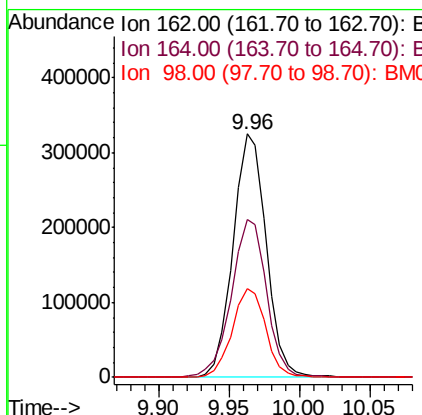
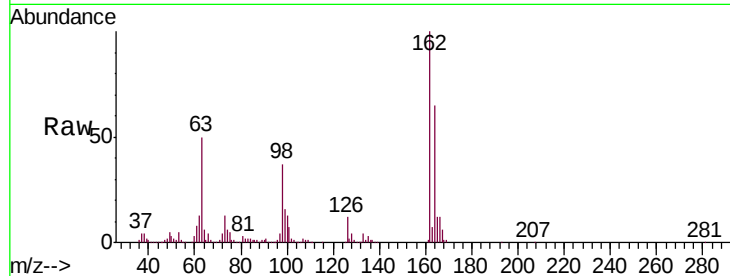




#27
2,4-Dichlorophenol
Concen: 20.006 ng/ul
RT: 9.96 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BM023717.D
Acq: 14 Nov 2019 15:28

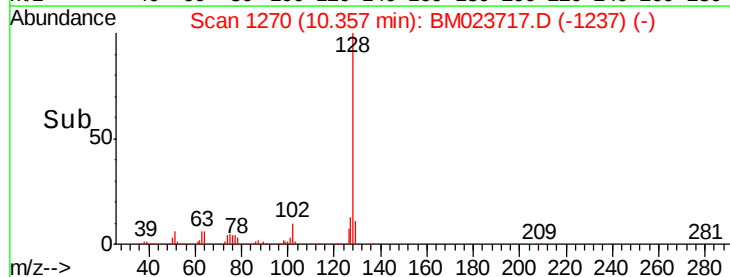
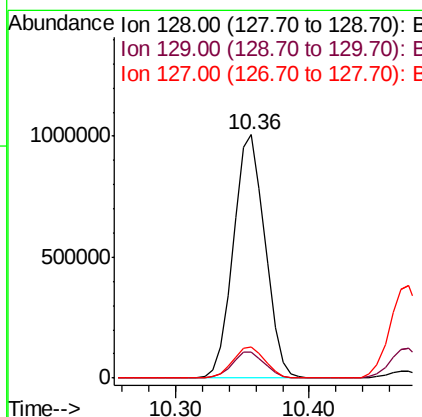
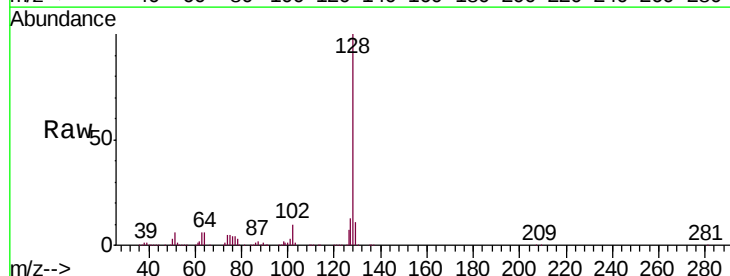
Instrument :
BNA_M
ClientSampleId :
SSTD02018

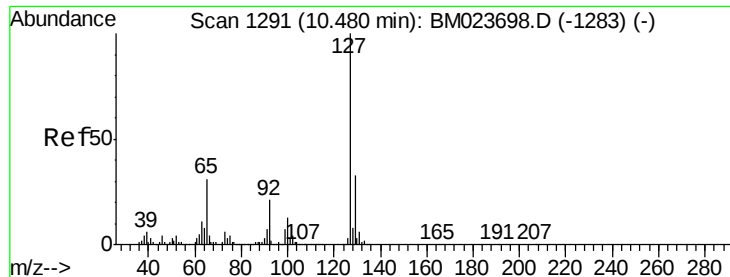
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	51.9	77.9
98	36.7	29.9	44.9



#28
Naphthalene
Concen: 19.503 ng/ul
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM023717.D
Acq: 14 Nov 2019 15:28

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.8	10.6	16.0

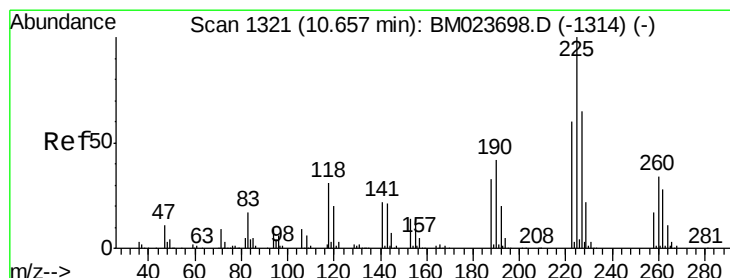
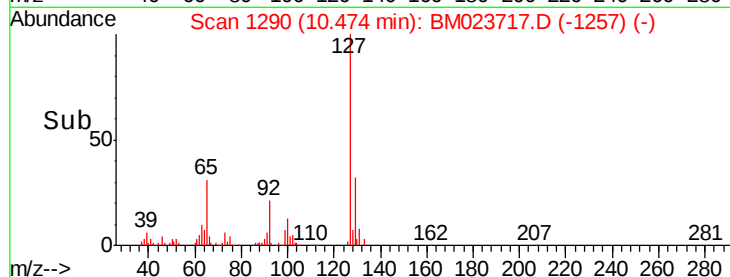
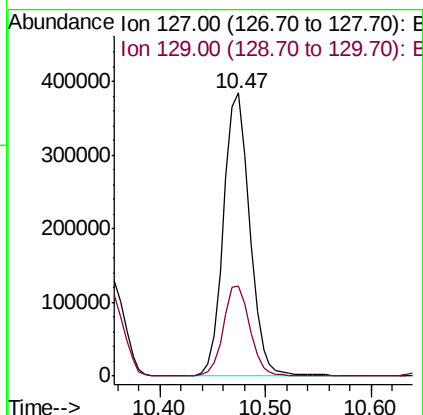
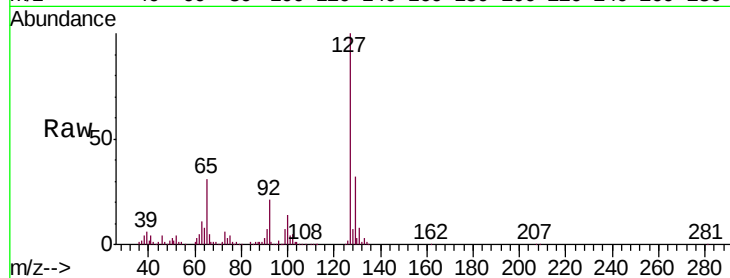




#30
4-Chloroaniline
Concen: 21.148 ng/ul
RT: 10.47 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BM023717.D
Acq: 14 Nov 2019 15:28

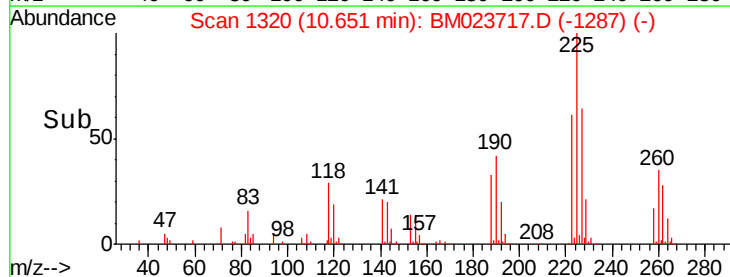
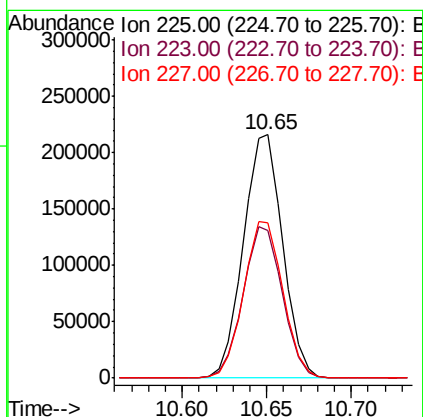
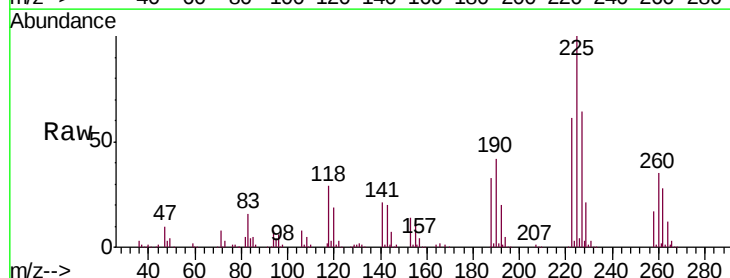
Instrument :
BNA_M
ClientSampleId :
SSTD02018

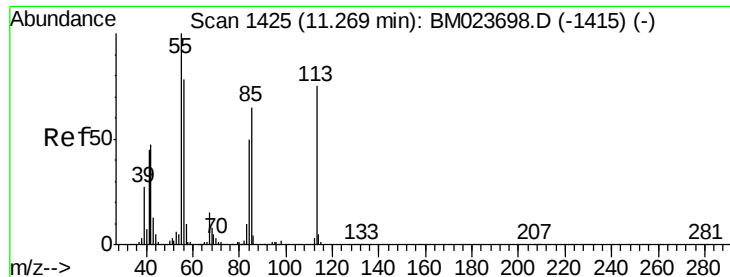
Tgt Ion:127 Resp: 662678
Ion Ratio Lower Upper
127 100
129 31.8 26.1 39.1



#31
Hexachlorobutadiene
Concen: 19.396 ng/ul
RT: 10.65 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM023717.D
Acq: 14 Nov 2019 15:28

Tgt Ion:225 Resp: 349724
Ion Ratio Lower Upper
225 100
223 60.7 50.5 75.7
227 63.8 51.9 77.9





#32

Caprolactam

Concen: 18.444 ng/ul

RT: 11.26 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BM023717.D

Acq: 14 Nov 2019 15:28

Instrument :

BNA_M

ClientSampleId :

SSTD02018

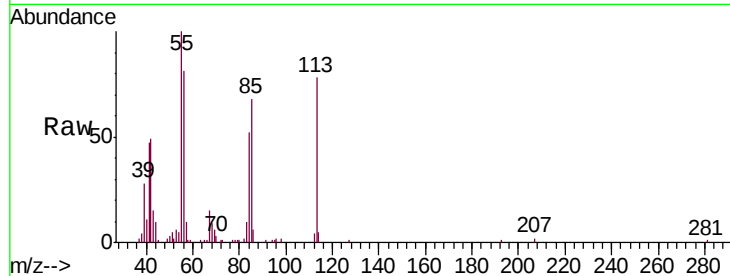
Tgt Ion:113 Resp: 159612

Ion Ratio Lower Upper

113 100

55 128.4 105.8 158.6

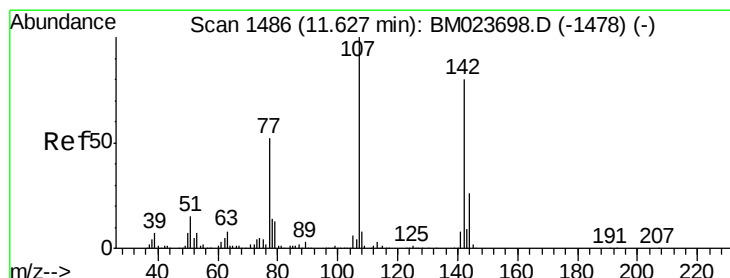
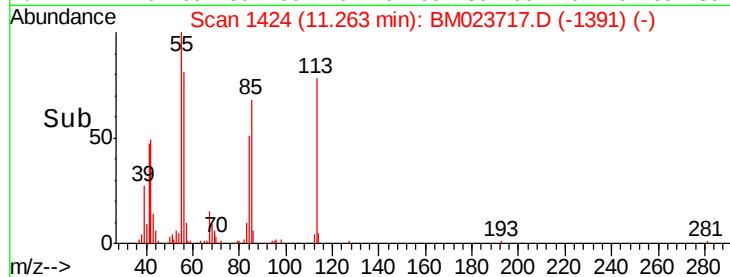
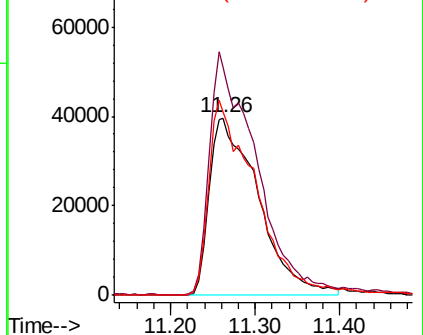
56 103.6 83.0 124.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 19.155 ng/ul

RT: 11.62 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BM023717.D

Acq: 14 Nov 2019 15:28

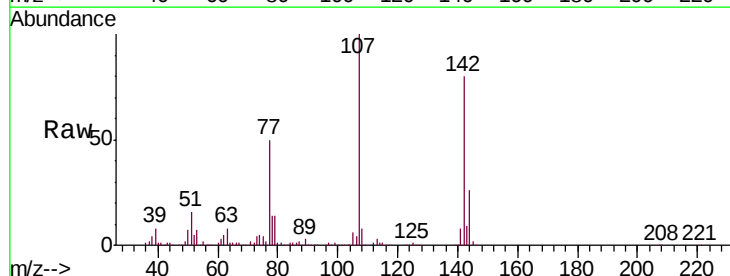
Tgt Ion:107 Resp: 567759

Ion Ratio Lower Upper

107 100

144 26.3 20.6 30.8

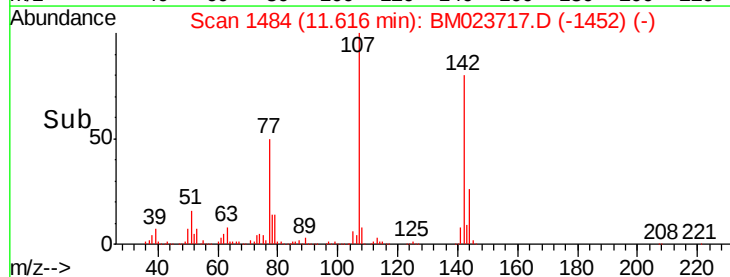
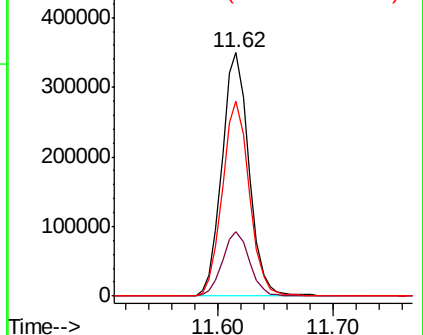
142 80.3 62.9 94.3

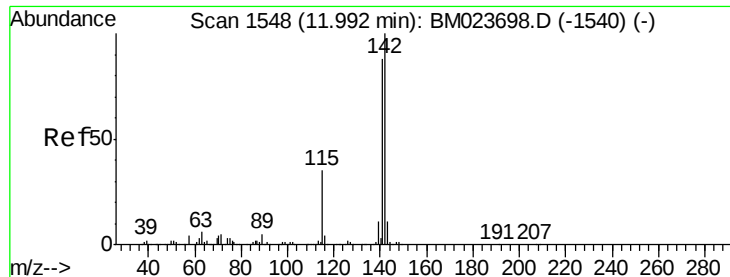


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

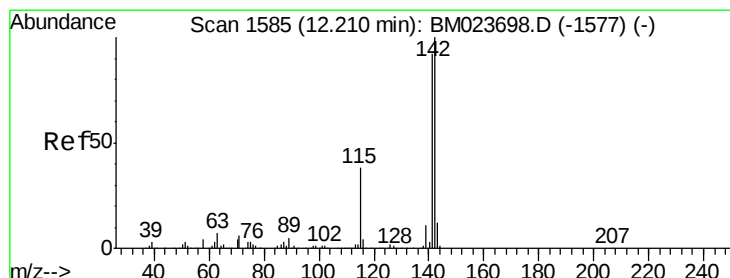
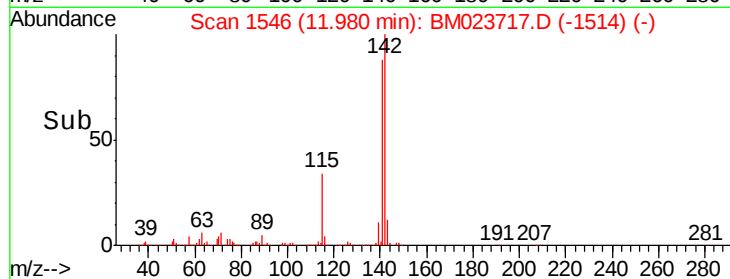
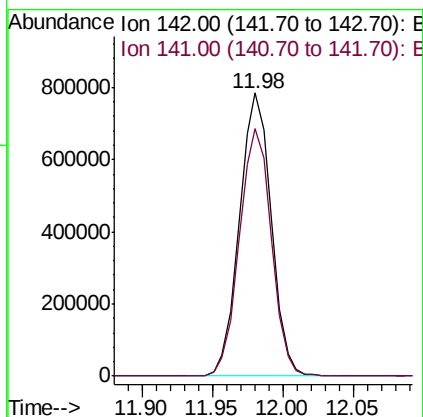
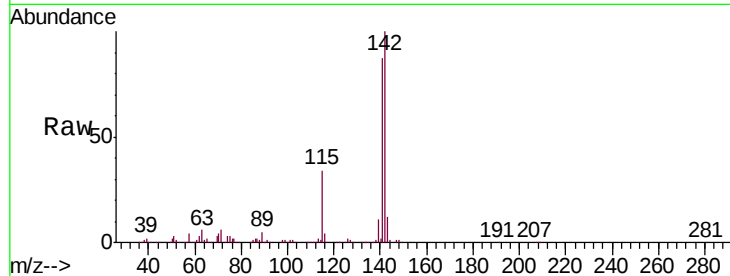




#34
 2-Methylnaphthalene
 Concen: 19.030 ng/ul
 RT: 11.98 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BM023717.D
 Acq: 14 Nov 2019 15:28

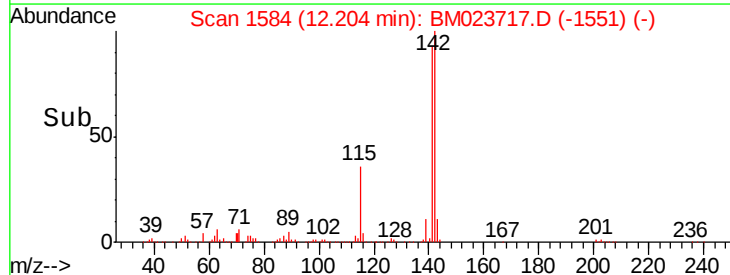
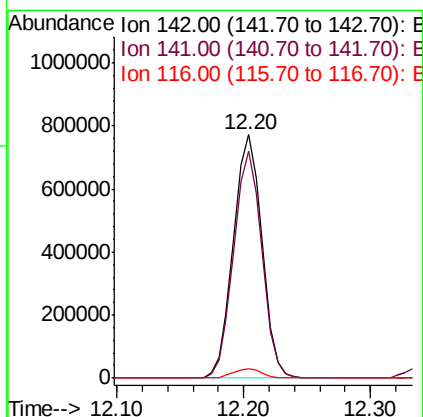
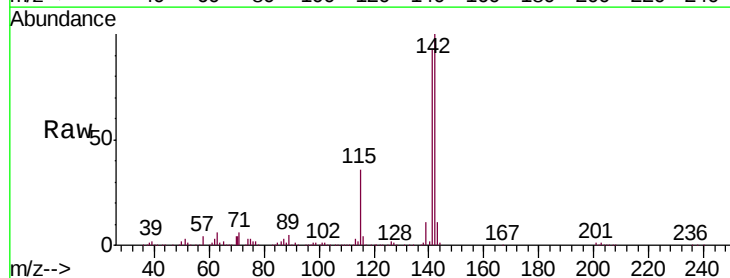
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02018

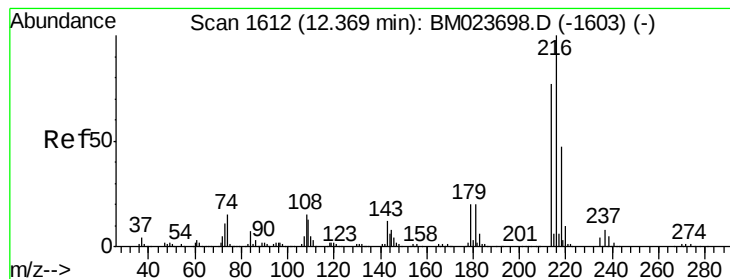
Tgt Ion:142 Resp: 1238270
 Ion Ratio Lower Upper
 142 100
 141 87.5 69.8 104.8



#35
 1-Methylnaphthalene
 Concen: 18.706 ng/ul
 RT: 12.20 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BM023717.D
 Acq: 14 Nov 2019 15:28

Tgt Ion:142 Resp: 1200414
 Ion Ratio Lower Upper
 142 100
 141 93.0 74.6 112.0
 116 3.7 3.2 4.8





#37

1,2,4,5-Tetrachlorobenzene

Concen: 19.692 ng/ul

RT: 12.36 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM023717.D

Acq: 14 Nov 2019 15:28

Instrument :

BNA_M

ClientSampleId :

SSTD02018

Tgt Ion:216 Resp: 686485

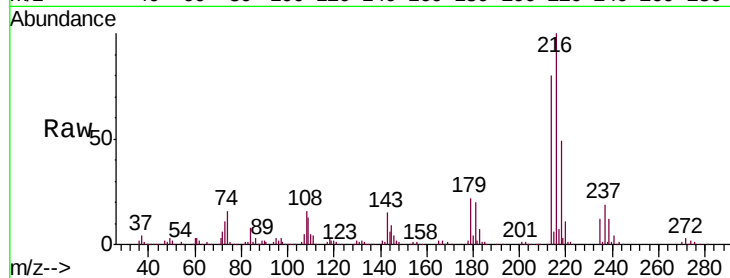
Ion Ratio Lower Upper

216 100

214 79.7 61.7 92.5

179 21.8 16.5 24.7

108 16.3 12.7 19.1

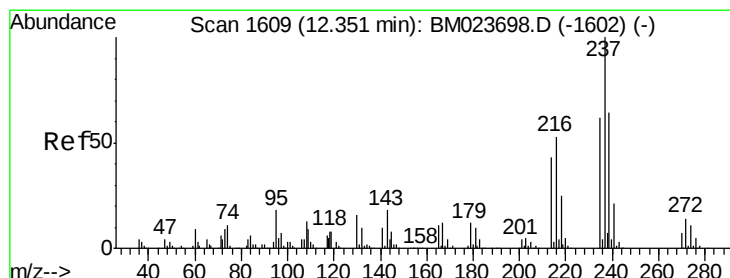
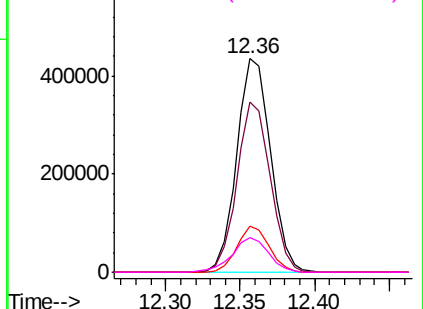
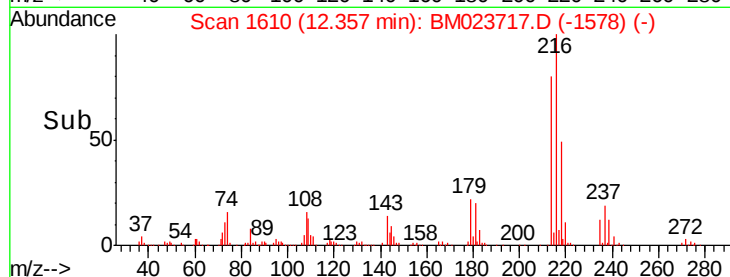


Abundance Ion 216.00 (215.70 to 216.70): E

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



#38

Hexachlorocyclopentadiene

Concen: 27.169 ng/ul

RT: 12.34 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BM023717.D

Acq: 14 Nov 2019 15:28

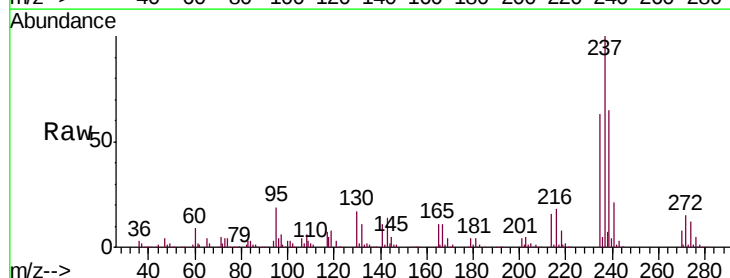
Tgt Ion:237 Resp: 496128

Ion Ratio Lower Upper

237 100

235 62.8 49.8 74.8

272 14.5 10.8 16.2



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

