

Data File : BM026542.D
Acq On : 24 Jun 2020 23:25
Operator : JU/CG
Sample : L3027-03
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG2K7

Quant Time: Jun 25 02:58:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 23 10:25:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	114840	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	511290	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	336839	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	754951	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	647443	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	540046	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	10900	3.33	ng/uL	0.00
5) Phenol-d5	6.58	99	237822	22.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	182802	27.31	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	177477	20.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	197855	23.76	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	93593	20.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	104113	20.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	190689	20.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	101129	10.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.51	166	663712	23.43	ng/ul	0.05
47) Acenaphthylene-d8	13.72	160	724272	21.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	109866	23.39	ng/ul	0.00
58) Fluorene-d10	15.04	176	537505	22.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	3225849	652.88	ng/ul	0.04
71) Anthracene-d10	16.89	188	833444	21.69	ng/ul	0.00
79) Pyrene-d10	19.20	212	893705	25.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	604934	20.26	ng/ul	-0.01

Target Compounds

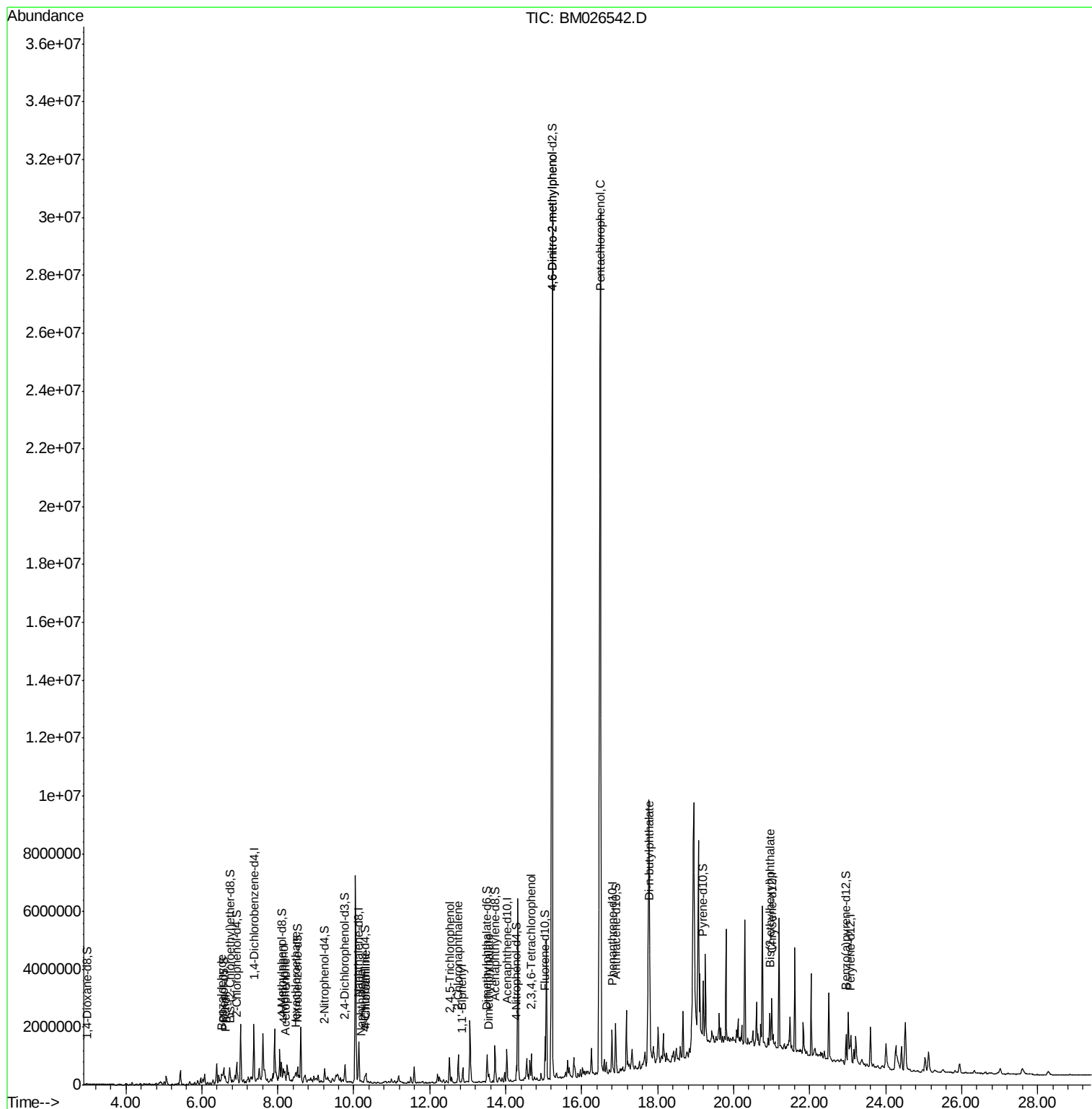
					Qvalue	
4) Benzaldehyde	6.54	77	40828	6.718	ng/ul#	54
6) Phenol	6.61	94	27092	2.338	ng/ul#	86
14) Acetophenone	8.21	105	16190	1.185	ng/ul#	87
16) 4-Methylphenol	8.16	108	68388	7.499	ng/ul	80
17) Hexachloroethane	8.47	117	10628	2.706	ng/ul#	11
28) Naphthalene	10.18	128	42182	1.357	ng/ul	98
30) 4-Chloroaniline	10.32	127	46581	4.686	ng/ul	98
40) 2,4,5-Trichlorophenol	12.52	196	186547	21.716	ng/ul	99
41) 1,1'-Biphenyl	12.85	154	43161	1.444	ng/ul	98
42) 2-Chloronaphthalene	12.75	162	255785	11.121	ng/ul#	44
45) Dimethylphthalate	13.56	163	140040	4.761	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.67	232	159293	21.712	ng/ul#	98
64) 4,6-Dinitro-2-methylphenol	15.23	198	9554190	1881.981	ng/ul#	53
69) Pentachlorophenol	16.50	266	8912487	1759.503	ng/ul	99
76) Di-n-butylphthalate	17.79	149	2017906	38.229	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.95	149	298399	9.748	ng/ul	99

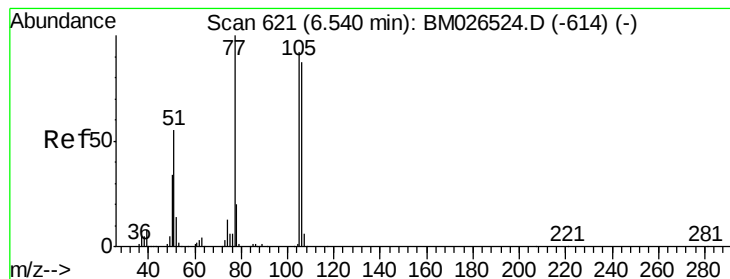
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 6.718 ng/ul

RT: 6.54 min Scan# 621

Delta R.T. -0.00 min

Lab File: BM026542.D

Acq: 24 Jun 2020 23:25

Instrument :

BNA_M

ClientSampleId :

BG2K7

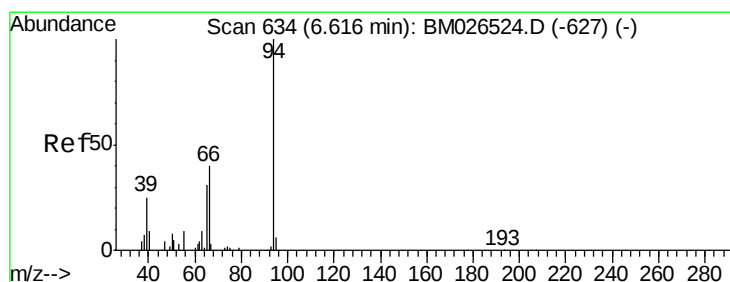
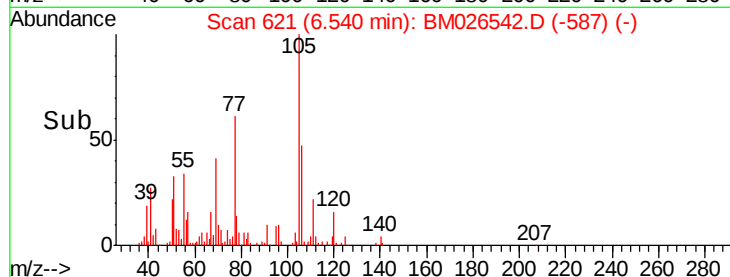
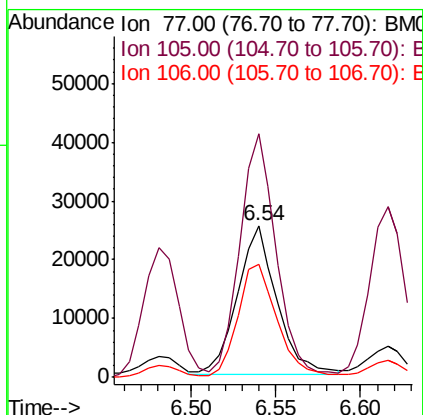
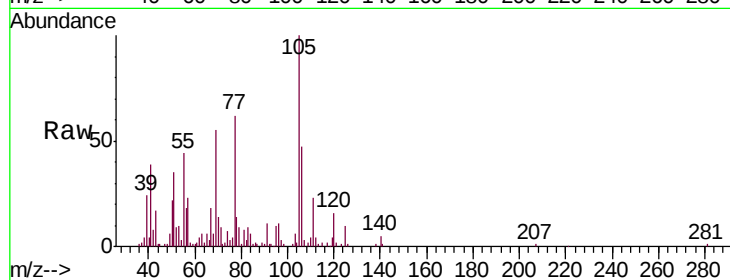
Tgt Ion: 77 Resp: 40828

Ion Ratio Lower Upper

77 100

105 160.7 68.6 102.8#

106 75.0 66.2 99.2



#6

Phenol

Concen: 2.338 ng/ul

RT: 6.61 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM026542.D

Acq: 24 Jun 2020 23:25

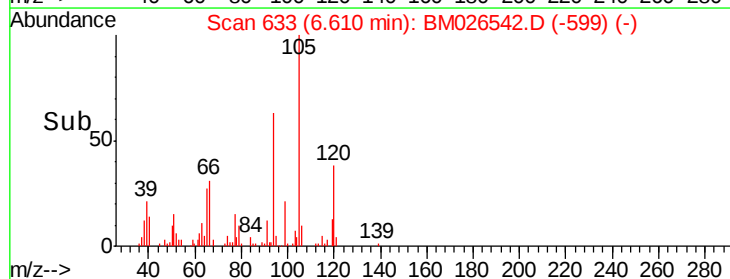
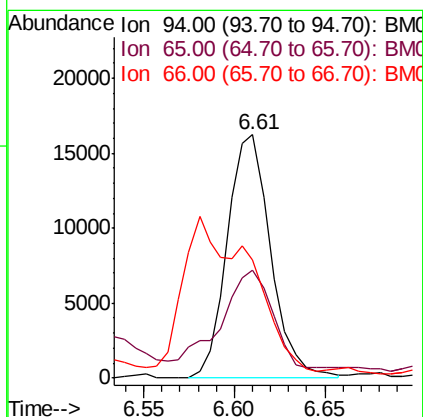
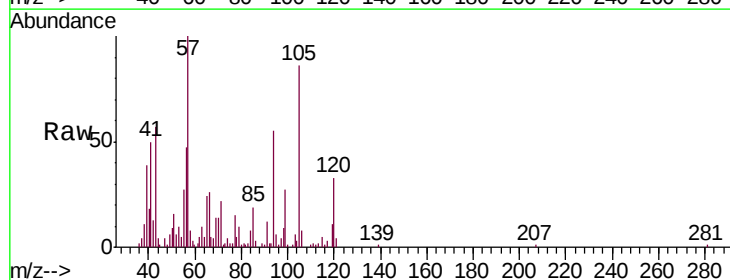
Tgt Ion: 94 Resp: 27092

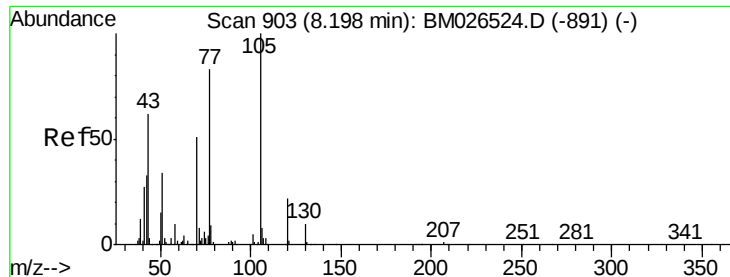
Ion Ratio Lower Upper

94 100

65 44.5 25.5 38.3#

66 48.6 34.8 52.2

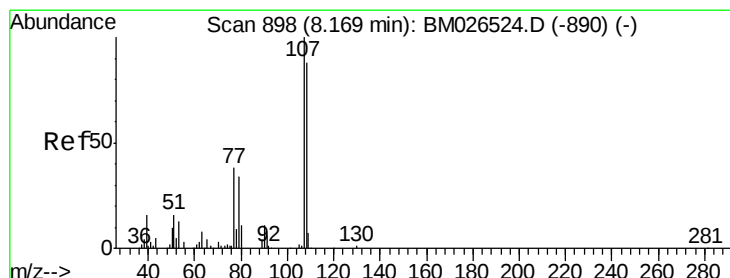
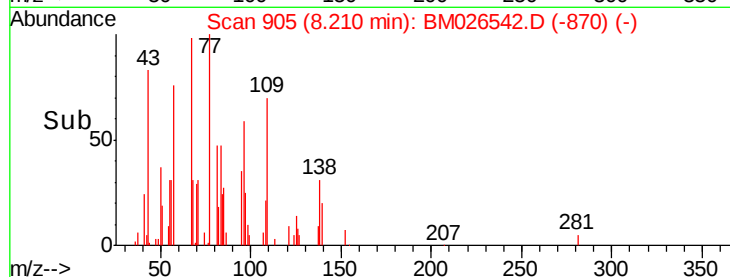
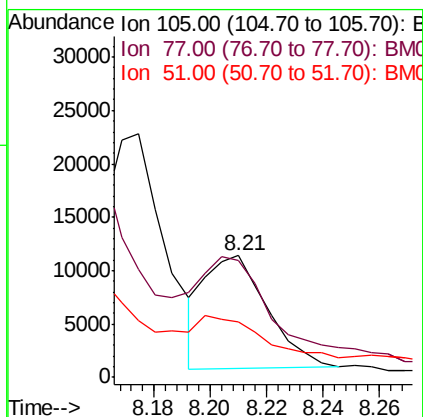
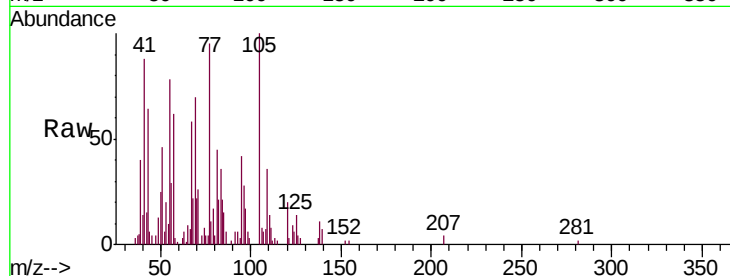




#14
Acetophenone
Concen: 1.185 ng/ul
RT: 8.21 min Scan# 905
Delta R.T. 0.01 min
Lab File: BM026542.D
Acq: 24 Jun 2020 23:25

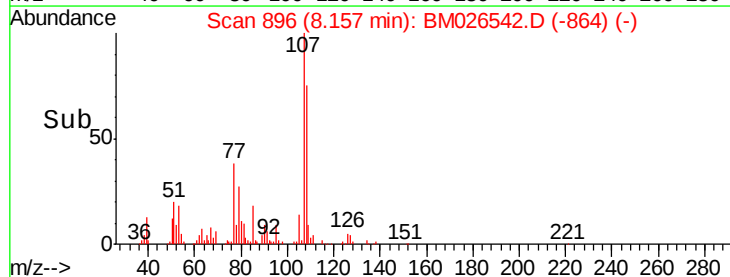
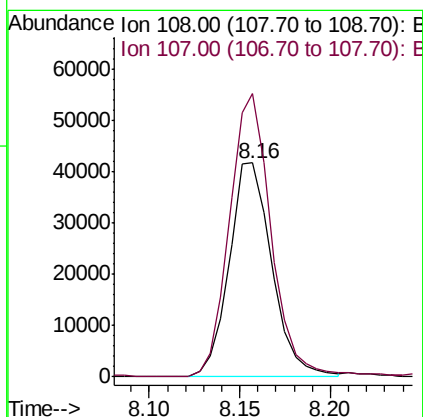
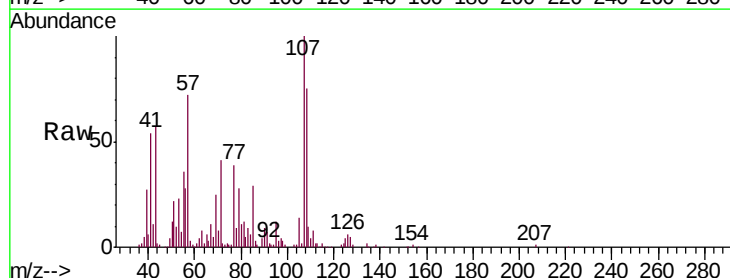
Instrument :
BNA_M
ClientSampleId :
BG2K7

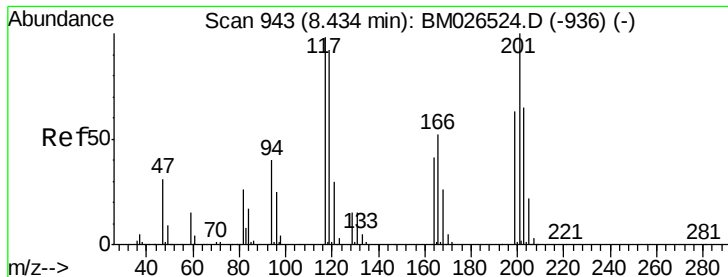
Tgt Ion:105 Resp: 16190
Ion Ratio Lower Upper
105 100
77 95.4 68.9 103.3
51 45.7 26.5 39.7#



#16
4-Methylphenol
Concen: 7.499 ng/ul
RT: 8.16 min Scan# 896
Delta R.T. -0.01 min
Lab File: BM026542.D
Acq: 24 Jun 2020 23:25

Tgt Ion:108 Resp: 68388
Ion Ratio Lower Upper
108 100
107 132.5 89.2 133.8





#17

Hexachloroethane

Concen: 2.706 ng/ul

RT: 8.47 min Scan# 949

Delta R.T. 0.04 min

Lab File: BM026542.D

Acq: 24 Jun 2020 23:25

Instrument :

BNA_M

ClientSampleId :

BG2K7

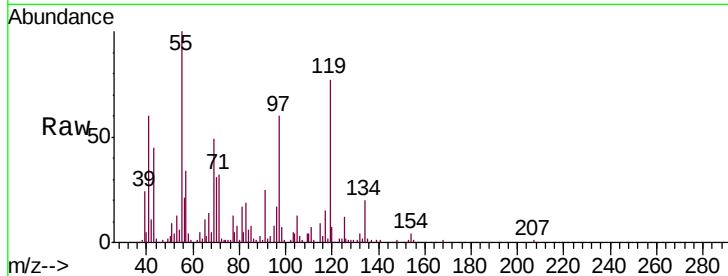
Tgt Ion:117 Resp: 10628

Ion Ratio Lower Upper

117 100

201 0.0 72.3 108.5#

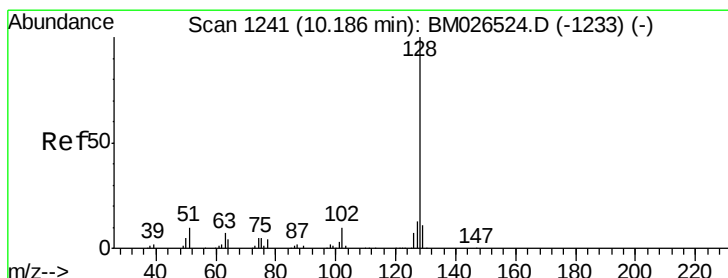
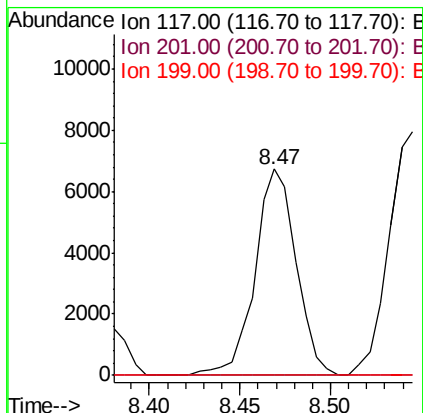
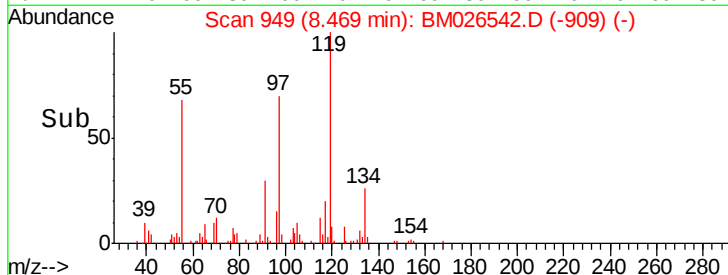
199 0.0 47.8 71.6#



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



#28

Naphthalene

Concen: 1.357 ng/ul

RT: 10.18 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BM026542.D

Acq: 24 Jun 2020 23:25

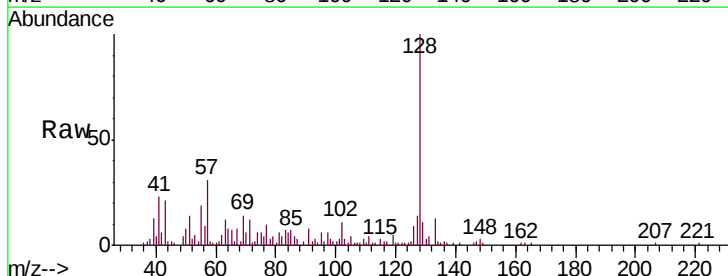
Tgt Ion:128 Resp: 42182

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

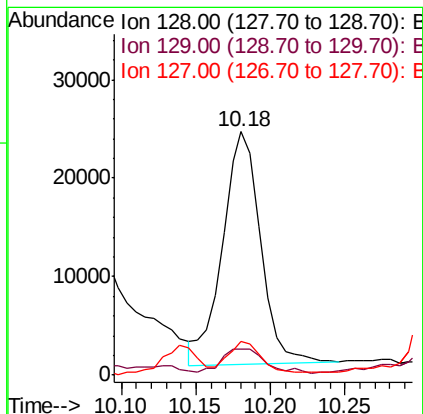
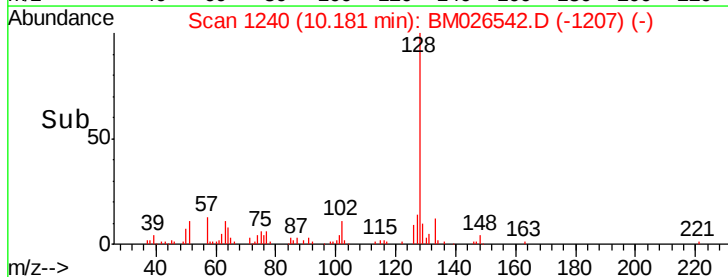
127 13.8 10.1 15.1

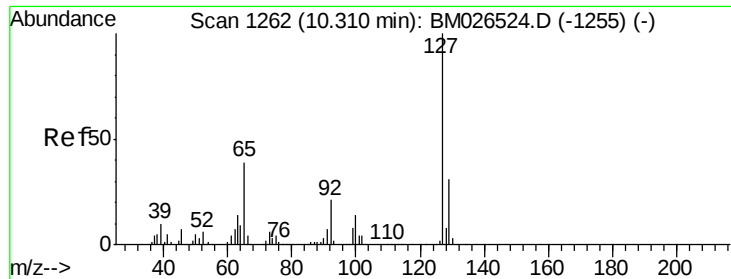


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

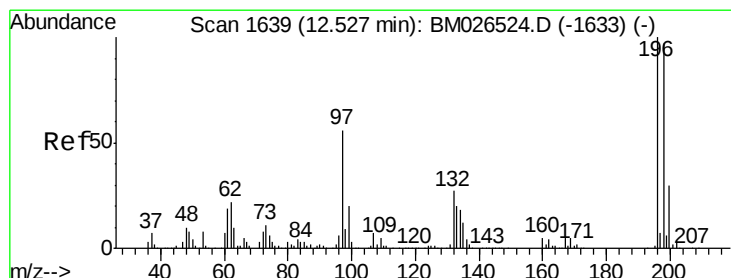
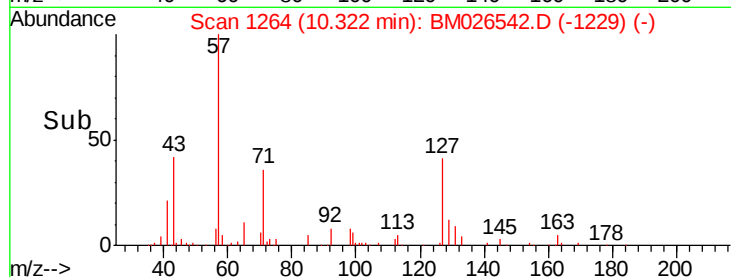
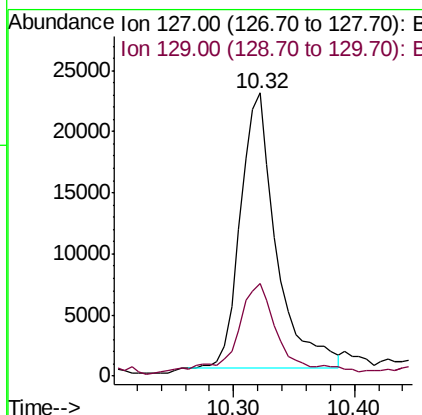
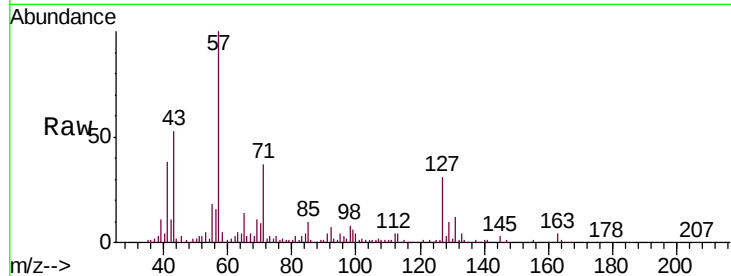




#30
 4-Chloroaniline
 Concen: 4.686 ng/ul
 RT: 10.32 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BM026542.D
 Acq: 24 Jun 2020 23:25

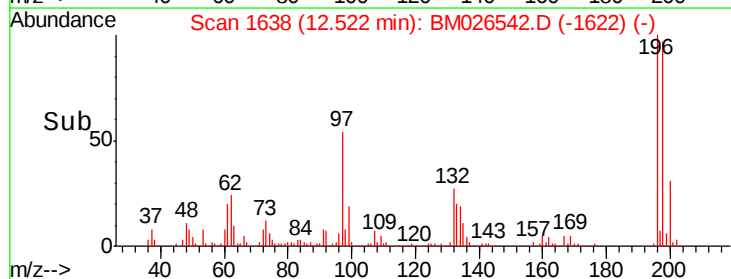
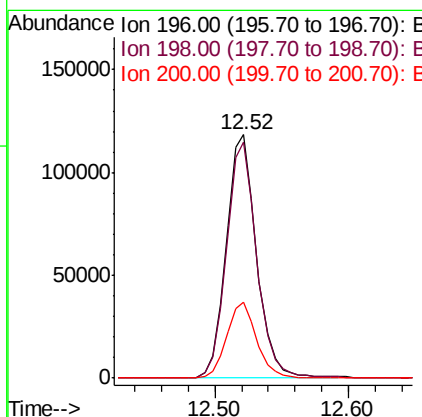
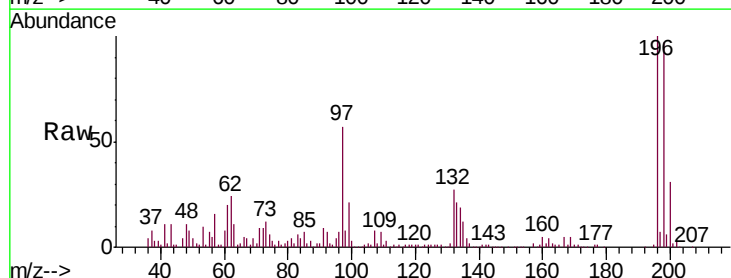
Instrument :
 BNA_M
 ClientSampleId :
 BG2K7

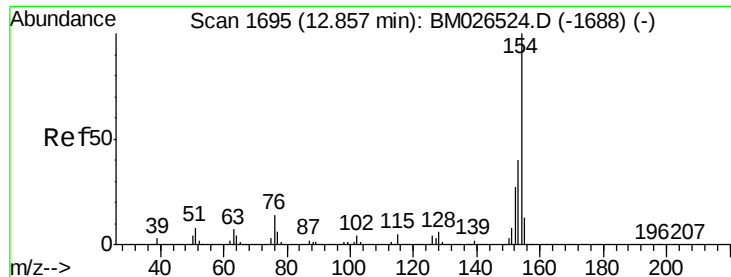
Tgt Ion:127 Resp: 46581
 Ion Ratio Lower Upper
 127 100
 129 32.7 25.2 37.8



#40
 2,4,5-Trichlorophenol
 Concen: 21.716 ng/ul
 RT: 12.52 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BM026542.D
 Acq: 24 Jun 2020 23:25

Tgt Ion:196 Resp: 186547
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.1 115.7
 200 31.2 23.8 35.6

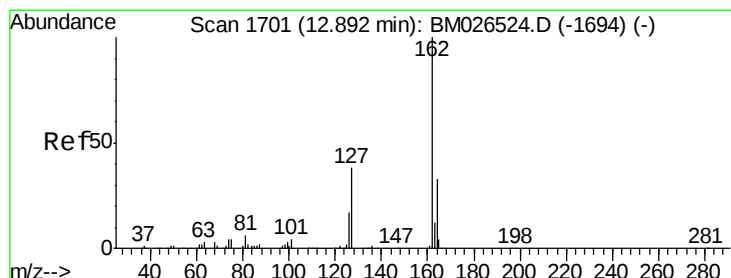
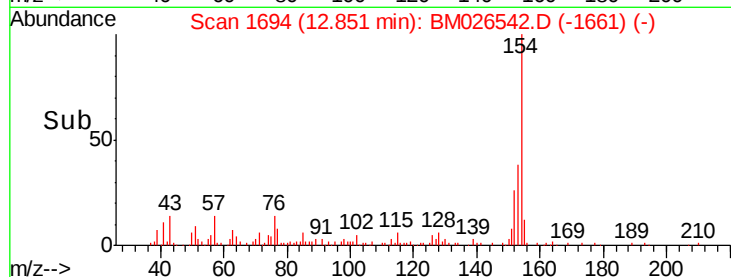
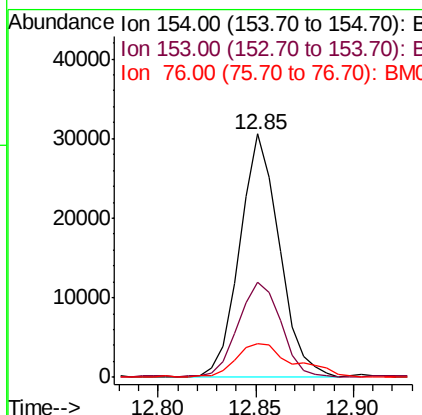
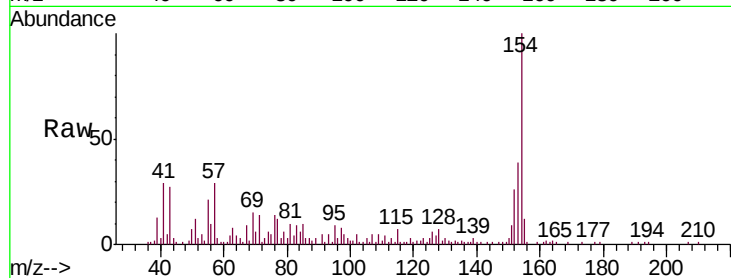




#41
 1,1'-Biphenyl
 Concen: 1.444 ng/ul
 RT: 12.85 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM026542.D
 Acq: 24 Jun 2020 23:25

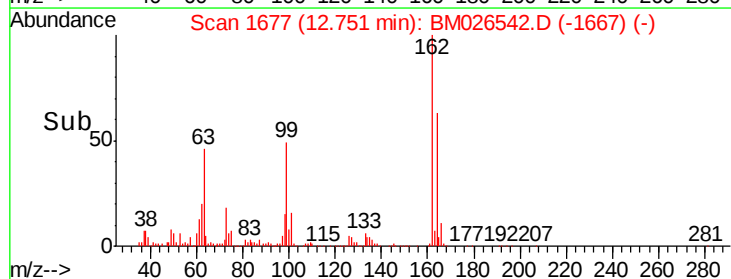
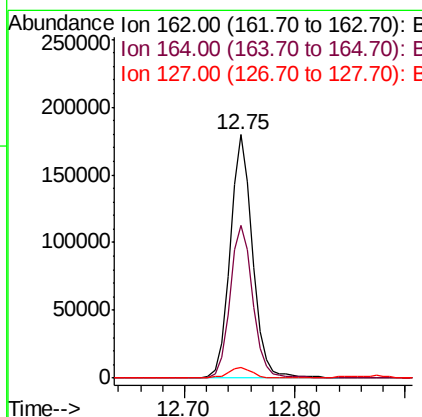
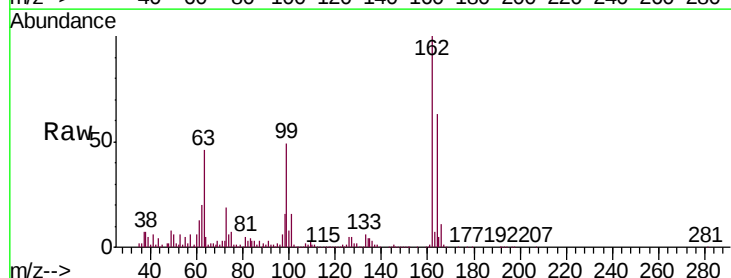
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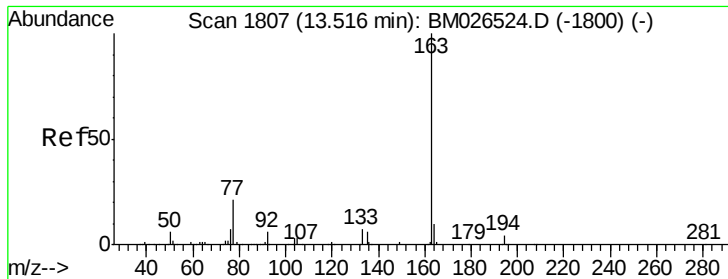
Tgt Ion:	154	Resp:	43161
Ion	Ratio	Lower	Upper
154	100		
153	39.3	32.6	49.0
76	14.0	11.8	17.8



#42
 2-Chloronaphthalene
 Concen: 11.121 ng/ul
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.14 min
 Lab File: BM026542.D
 Acq: 24 Jun 2020 23:25

Tgt Ion:	162	Resp:	255785
Ion	Ratio	Lower	Upper
162	100		
164	62.6	26.6	39.8#
127	4.5	33.3	49.9#

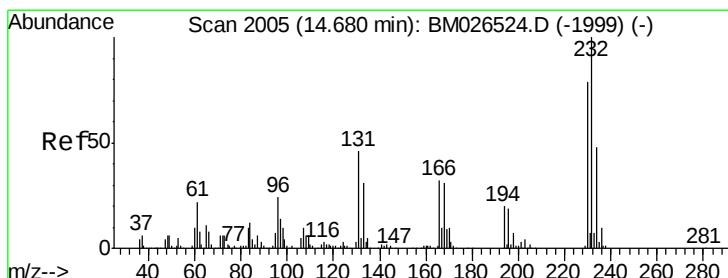
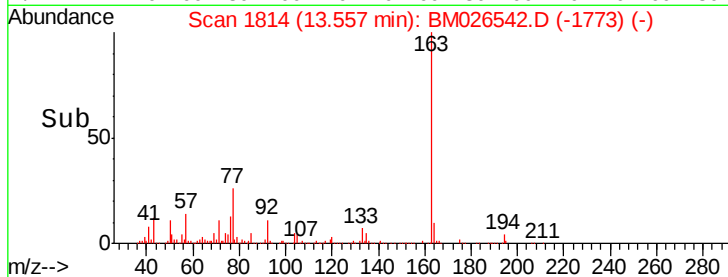
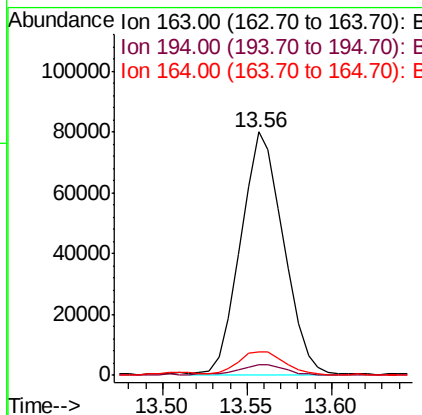
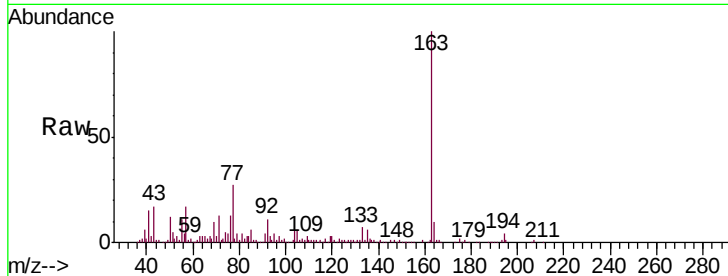




#45
 Dimethylphthalate
 Concen: 4.761 ng/ul
 RT: 13.56 min Scan# 1814
 Delta R.T. 0.04 min
 Lab File: BM026542.D
 Acq: 24 Jun 2020 23:25

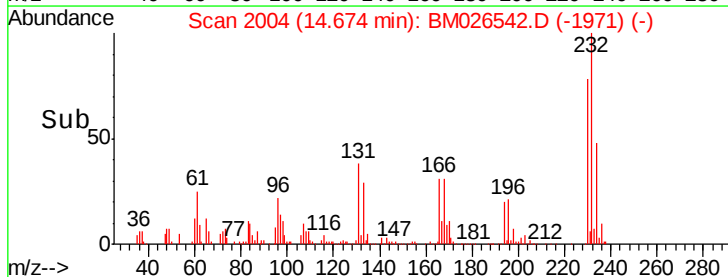
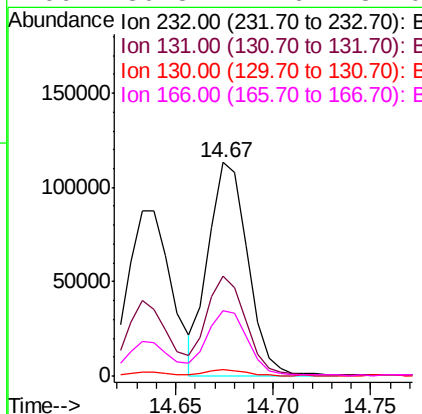
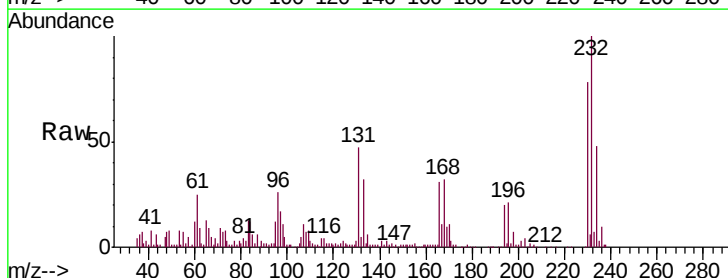
Instrument :
 BNA_M
 ClientSampled :
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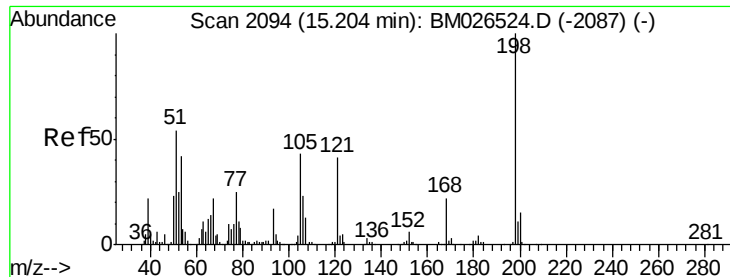
Tgt Ion:163 Resp: 140040
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.4 5.2
 164 9.9 7.8 11.6



#56
 2,3,4,6-Tetrachlorophenol
 Concen: 21.712 ng/ul
 RT: 14.67 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BM026542.D
 Acq: 24 Jun 2020 23:25

Tgt Ion:232 Resp: 159293
 Ion Ratio Lower Upper
 232 100
 131 47.0 35.8 53.8
 130 3.2 1.9 2.9#
 166 30.8 24.6 37.0





#64

4,6-Dinitro-2-methylphenol

Concen: 1881.981 ng/ul

RT: 15.23 min Scan# 2098

Delta R.T. 0.02 min

Lab File: BM026542.D

Acq: 24 Jun 2020 23:25

Instrument :

BNA_M

ClientSampleId :

BG2K7

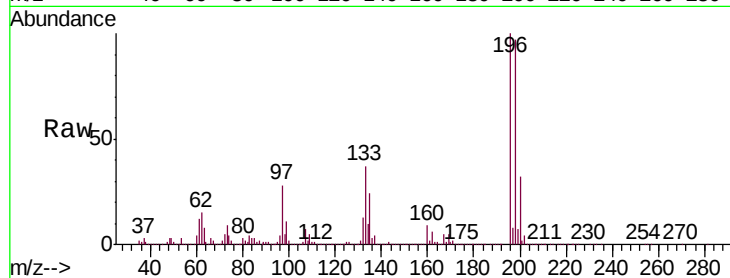
Tgt Ion:198 Resp: 9554190

Ion Ratio Lower Upper

198 100

182 0.1 3.3 4.9#

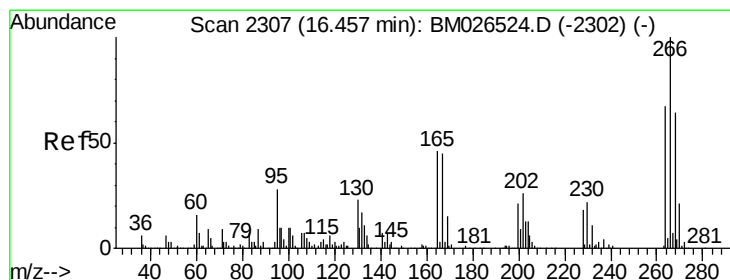
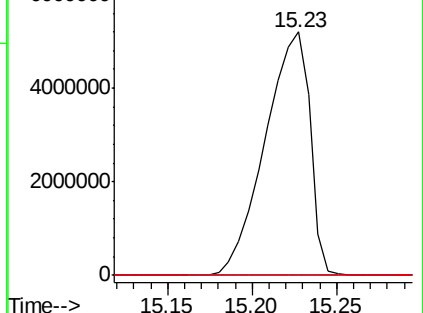
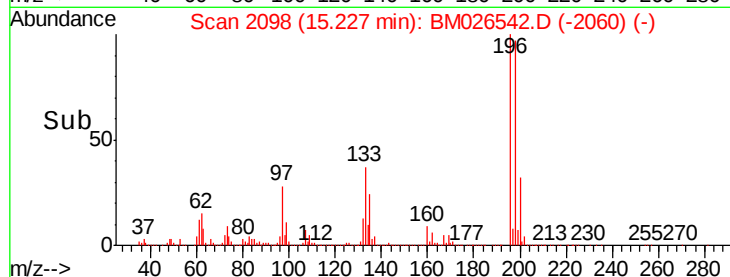
77 0.3 22.2 33.4#



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



#69

Pentachlorophenol

Concen: 1759.503 ng/ul

RT: 16.50 min Scan# 2314

Delta R.T. 0.04 min

Lab File: BM026542.D

Acq: 24 Jun 2020 23:25

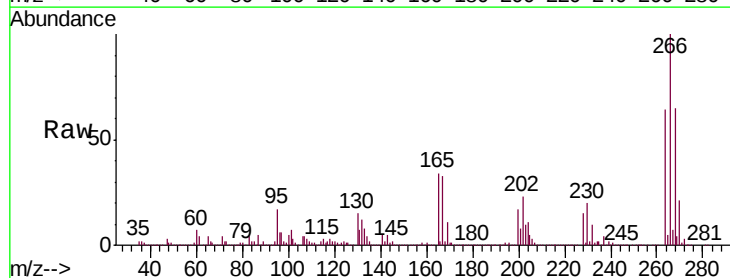
Tgt Ion:266 Resp: 8912487

Ion Ratio Lower Upper

266 100

264 63.8 49.4 74.0

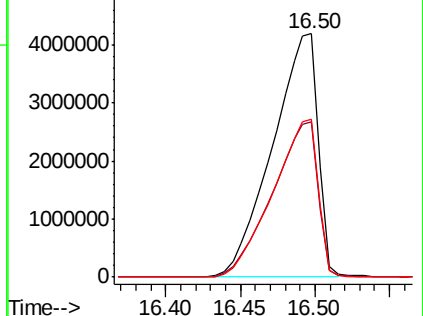
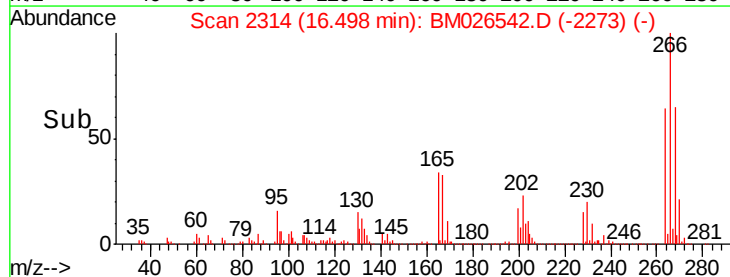
268 65.0 51.8 77.8

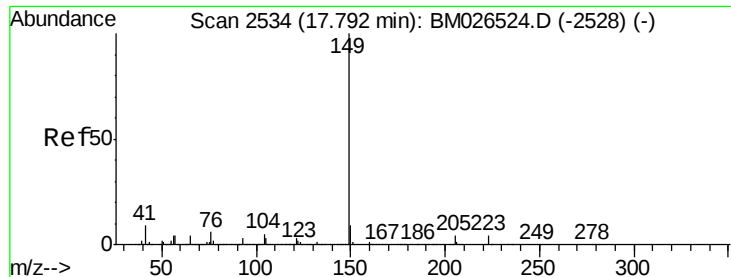


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

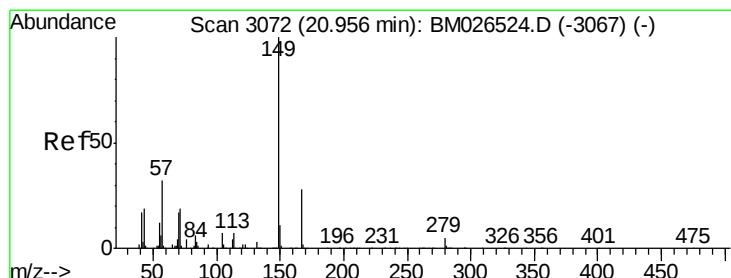
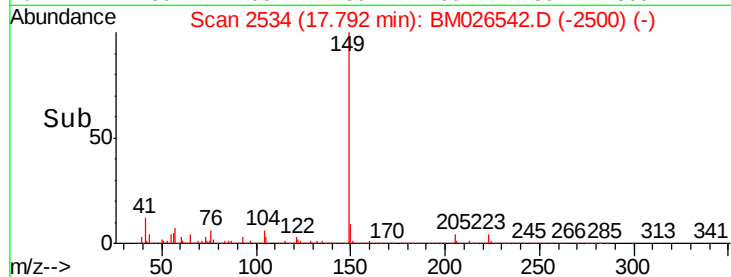
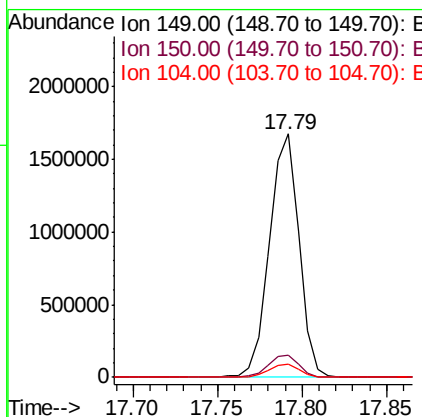
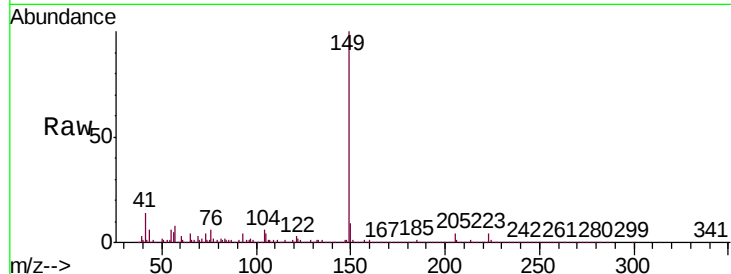




#76
 Di-n-butylphthalate
 Concen: 38.229 ng/ul
 RT: 17.79 min Scan# 2534
 Delta R.T. -0.00 min
 Lab File: BM026542.D
 Acq: 24 Jun 2020 23:25

Instrument :
 BNA_M
 ClientSampleId :
 BG2K7

Tgt Ion:149 Resp: 2017906
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.6 4.2 6.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.748 ng/ul
 RT: 20.95 min Scan# 3071
 Delta R.T. -0.01 min
 Lab File: BM026542.D
 Acq: 24 Jun 2020 23:25

Tgt Ion:149 Resp: 298399
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.5 33.7
 279 4.8 4.2 6.2

