

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027257.D
 Acq On : 26 Aug 2020 20:50
 Operator : JU/CG
 Sample : L3695-01
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG071

Quant Time: Aug 27 00:36:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 25 15:35:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	197631	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.36	136	793860	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.23	164	556856	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.99	188	1213874	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	975436	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	867666	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	11099	3.18	ng/uL	0.00
5) Phenol-d5	6.78	99	244020	15.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	173770	16.76	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.13	132	193872	15.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	205575	15.98	ng/ul	-0.01
19) Nitrobenzene-d5	8.73	128	97331	15.30	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.46	143	112700	15.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	226168	15.11	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.50	131	158046	9.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	774862	17.54	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	863658	16.53	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.44	143	121251	16.27	ng/ul	-0.01
58) Fluorene-d10	15.23	176	682122	17.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	125797	15.89	ng/ul	-0.02
71) Anthracene-d10	17.08	188	1102982	19.14	ng/ul	0.00
79) Pyrene-d10	19.38	212	1125081	20.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	887234	18.34	ng/ul	-0.01

Target Compounds

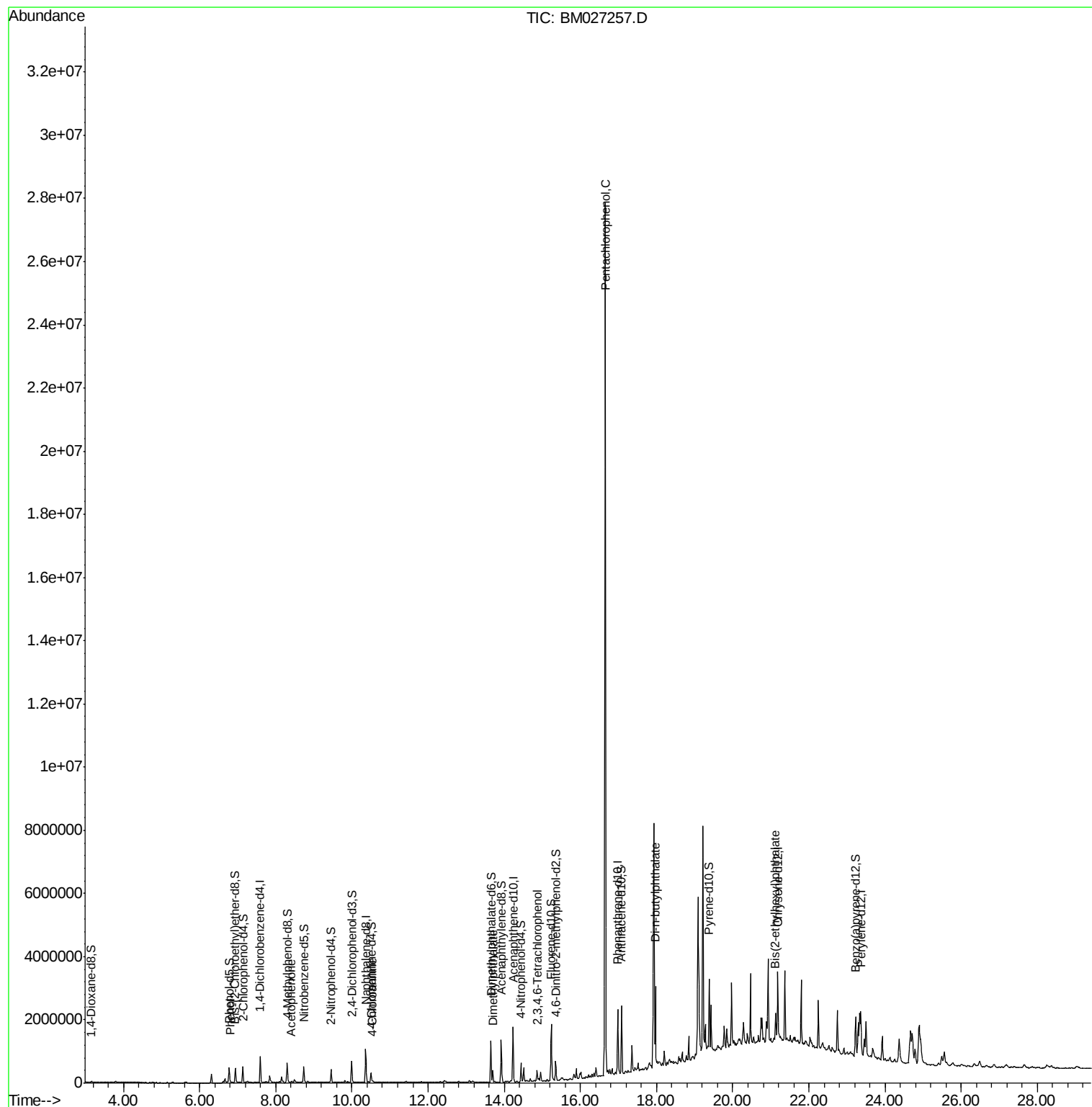
					Ovalue	
6) Phenol	6.80	94	17789	1.062	ng/ul#	87
14) Acetophenone	8.41	105	26268	1.274	ng/ul	97
30) 4-Chloroaniline	10.54	127	19801	1.226	ng/ul	96
45) Dimethylphthalate	13.70	163	226311	4.935	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.87	232	69542	5.765	ng/ul	97
69) Pentachlorophenol	16.66	266	5516423	540.721	ng/ul	98
76) Di-n-butylphthalate	17.97	149	1590252	21.360	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	278280	6.917	ng/ul	98

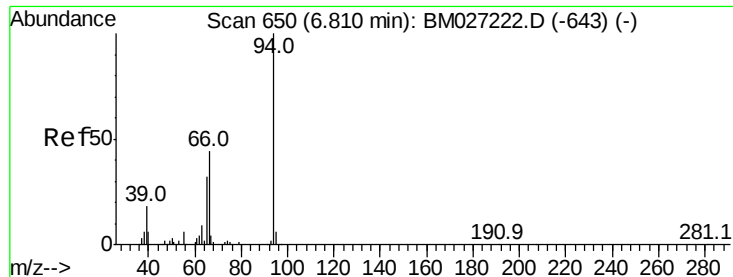
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.062 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM027257.D

Acq: 26 Aug 2020 20:50

Instrument :

BNA_M

ClientSampleId :

BG071

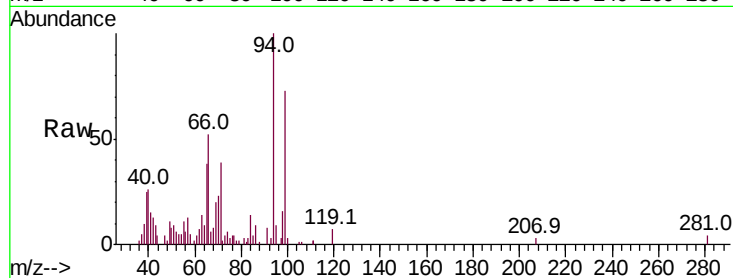
Tot Ion: 94 Resp: 17789

Ion Ratio Lower Upper

94 100

65 37.5 24.8 37.2#

66 51.8 34.7 52.1



Abundance Ion 94.00 (93.70 to 94.70): BM027222.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM027222.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM027222.D (-643) (-)

6.80

15000

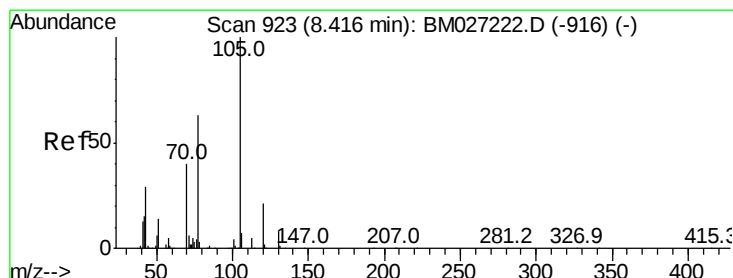
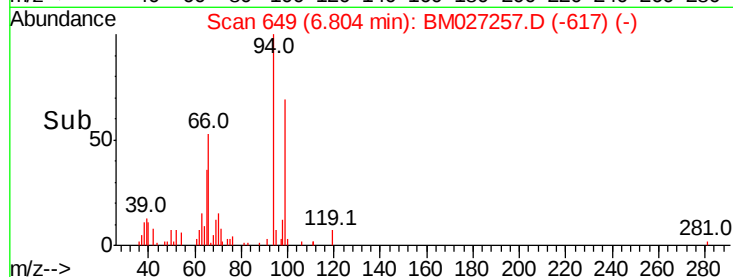
10000

5000

0

6.75 6.80 6.85

Time-->



#14

Acetophenone

Concen: 1.274 ng/ul

RT: 8.41 min Scan# 922

Delta R.T. -0.01 min

Lab File: BM027257.D

Acq: 26 Aug 2020 20:50

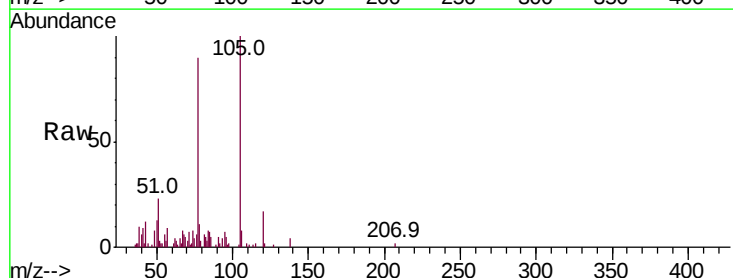
Tgt Ion:105 Resp: 26268

Ion Ratio Lower Upper

105 100

77 90.2 70.8 106.2

51 23.4 16.7 25.1



Abundance Ion 105.00 (104.70 to 105.70): BM027222.D (-916) (-)

Ion 77.00 (76.70 to 77.70): BM027222.D (-916) (-)

Ion 51.00 (50.70 to 51.70): BM027222.D (-916) (-)

8.41

20000

15000

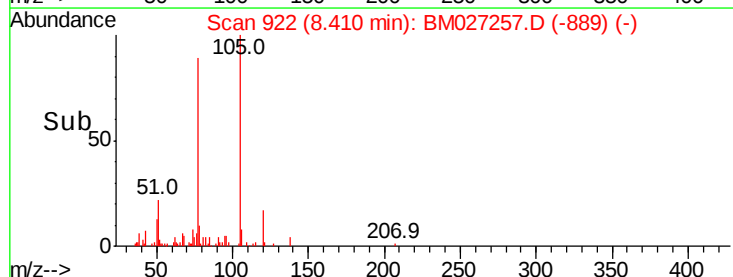
10000

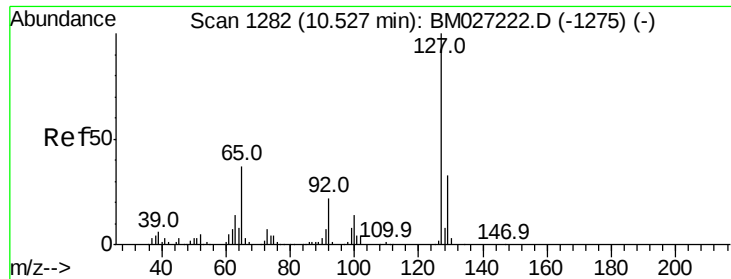
5000

0

8.35 8.40 8.45 8.50

Time-->

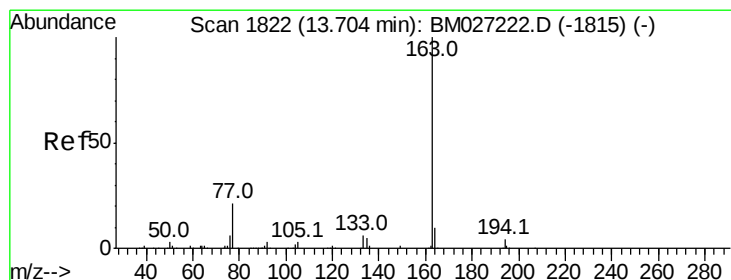
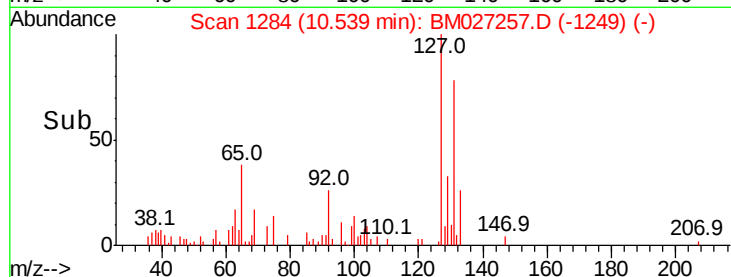
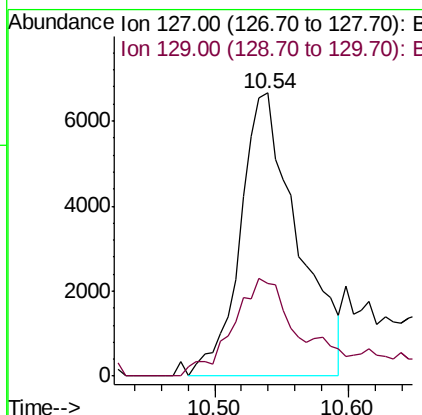
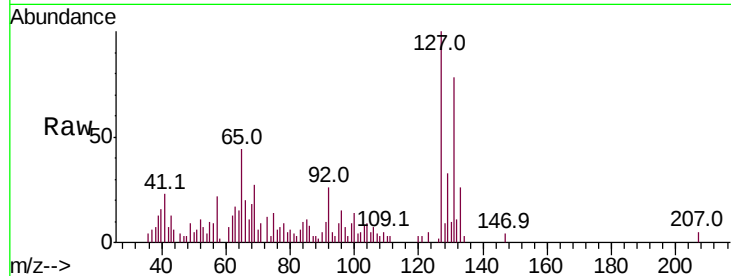




#30
4-Chloroaniline
Concen: 1.226 ng/ul
RT: 10.54 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BM027257.D
Acq: 26 Aug 2020 20:50

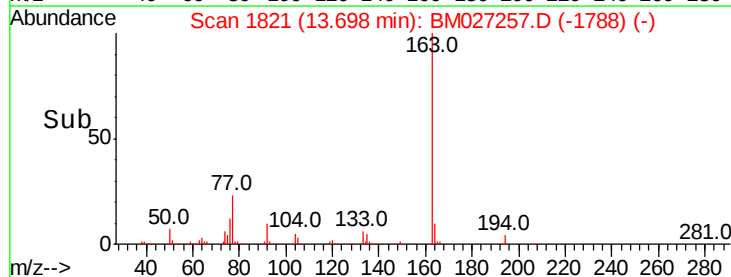
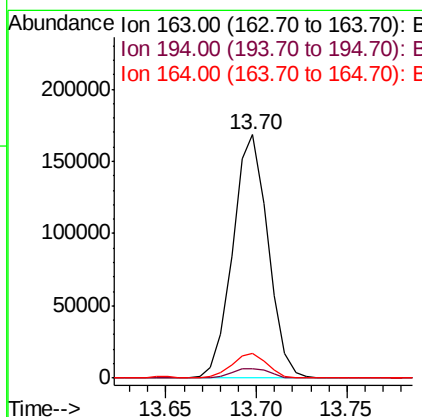
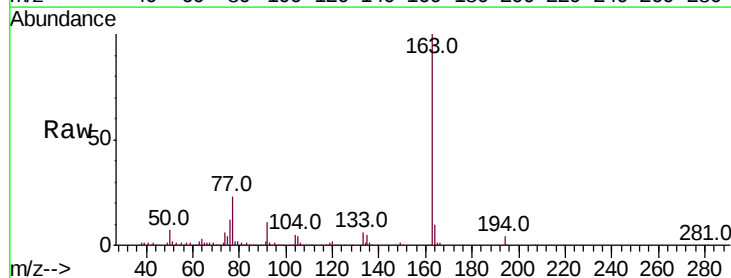
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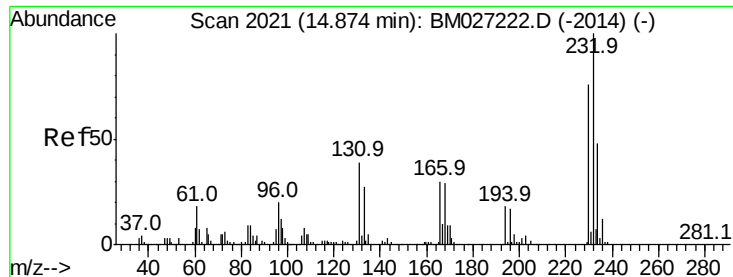
Tot Ion:127 Resp: 19801
Ion Ratio Lower Upper
127 100
129 32.7 24.5 36.7



#45
Dimethylphthalate
Concen: 4.935 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM027257.D
Acq: 26 Aug 2020 20:50

Tgt Ion:163 Resp: 226311
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.1 8.2 12.2

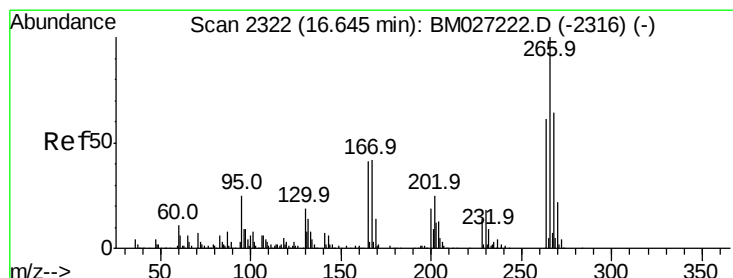
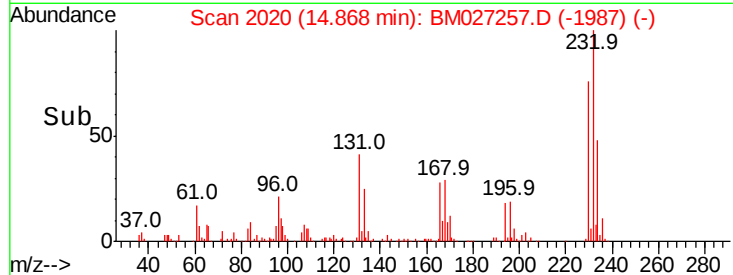
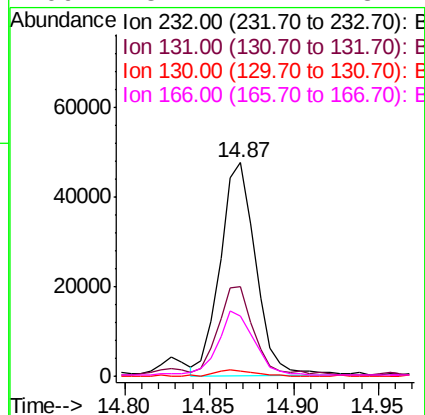
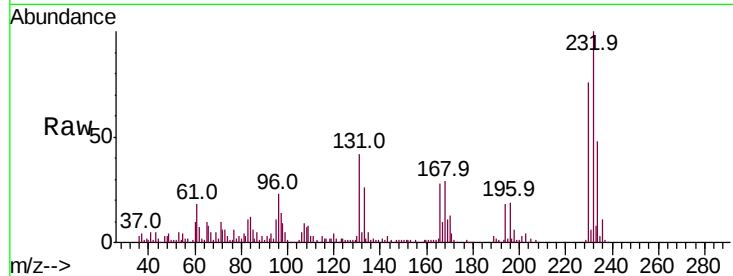




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 5.765 ng/ul
 RT: 14.87 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BM027257.D
 Acq: 26 Aug 2020 20:50

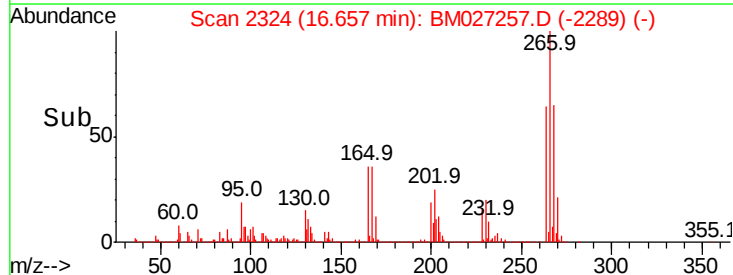
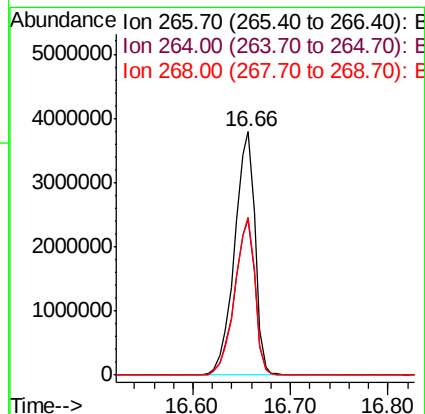
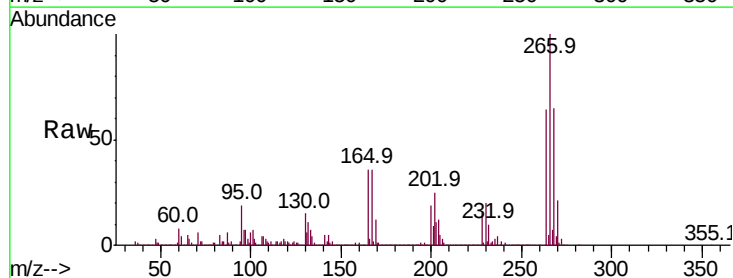
Instrument :
 BNA_M
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 BG071

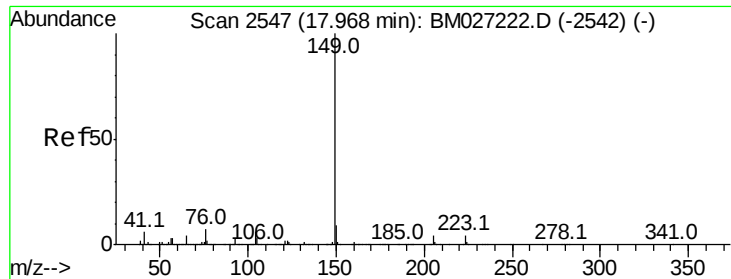
Tot Ion:	232	Resp:	69542
Ion	Ratio	Lower	Upper
232	100		
131	41.8	32.7	49.1
130	2.5	1.8	2.6
166	28.2	24.7	37.1



#69
 Pentachlorophenol
 Concen: 540.721 ng/ul
 RT: 16.66 min Scan# 2324
 Delta R.T. 0.01 min
 Lab File: BM027257.D
 Acq: 26 Aug 2020 20:50

Tgt Ion:	266	Resp:	5516423
Ion	Ratio	Lower	Upper
266	100		
264	63.8	49.8	74.8
268	64.7	50.3	75.5

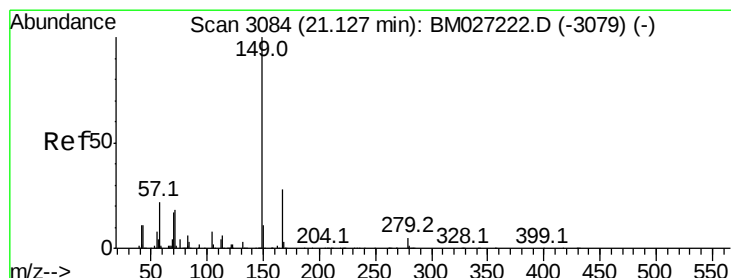
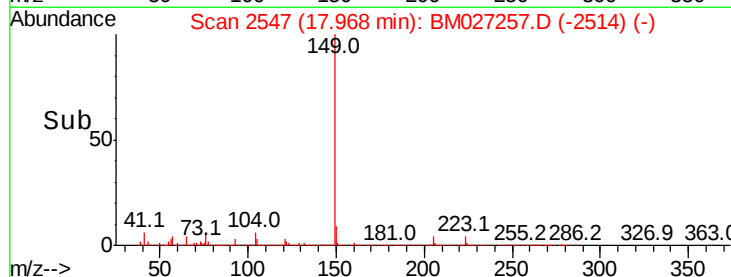
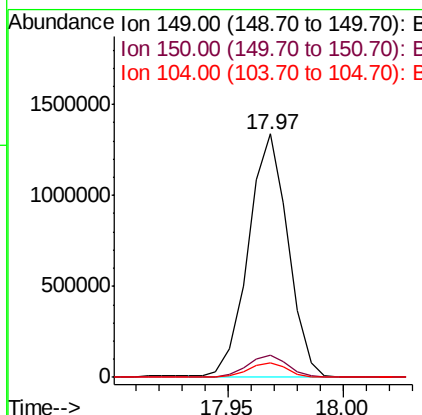
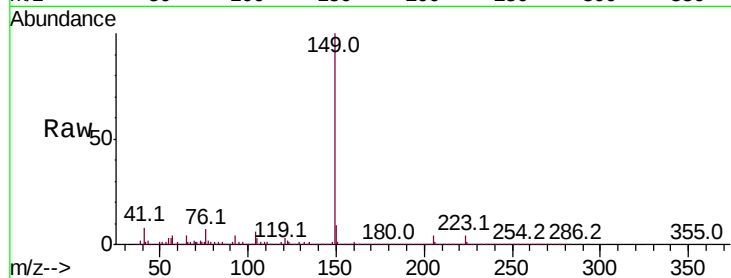




#76
Di-n-butylphthalate
Concen: 21.360 ng/ul
RT: 17.97 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BM027257.D
Acq: 26 Aug 2020 20:50

Instrument :
BNA_M
ClientSampleId :
BG071

Tot Ion:149 Resp: 1590252
Ion Ratio Lower Upper
149 100
150 9.4 7.2 10.8
104 5.8 4.4 6.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.917 ng/ul
RT: 21.13 min Scan# 3084
Delta R.T. -0.00 min
Lab File: BM027257.D
Acq: 26 Aug 2020 20:50

Tgt Ion:149 Resp: 278280
Ion Ratio Lower Upper
149 100
167 28.4 22.1 33.1
279 5.5 3.8 5.8

