

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027094.D
 Acq On : 14 Aug 2020 18:30
 Operator : JU/CG
 Sample : L3684-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0F94

Quant Time: Aug 17 01:22:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 11:47:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	120036	20.00	ng/ul	0.04
18) Naphthalene-d8	10.43	136	401618	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.27	164	262417	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	566681	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	602702	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	612915	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	12617	4.78	ng/uL	0.00
5) Phenol-d5	6.82	99	69020	7.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	187632	29.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	188087	25.55	ng/ul	0.01
13) 4-Methylphenol-d8	8.43	113	181	0.02	ng/ul	0.09
19) Nitrobenzene-d5	8.79	128	111669	35.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	128533	38.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	239981	34.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	23187	2.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	768182	36.71	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	952749	38.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	26184	7.41	ng/ul	0.00
58) Fluorene-d10	15.27	176	666580	36.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	97324	31.44	ng/ul	0.00
71) Anthracene-d10	17.12	188	1069568	38.31	ng/ul	0.00
79) Pyrene-d10	19.42	212	1230261	40.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1367699	39.98	ng/ul	0.00

Target Compounds

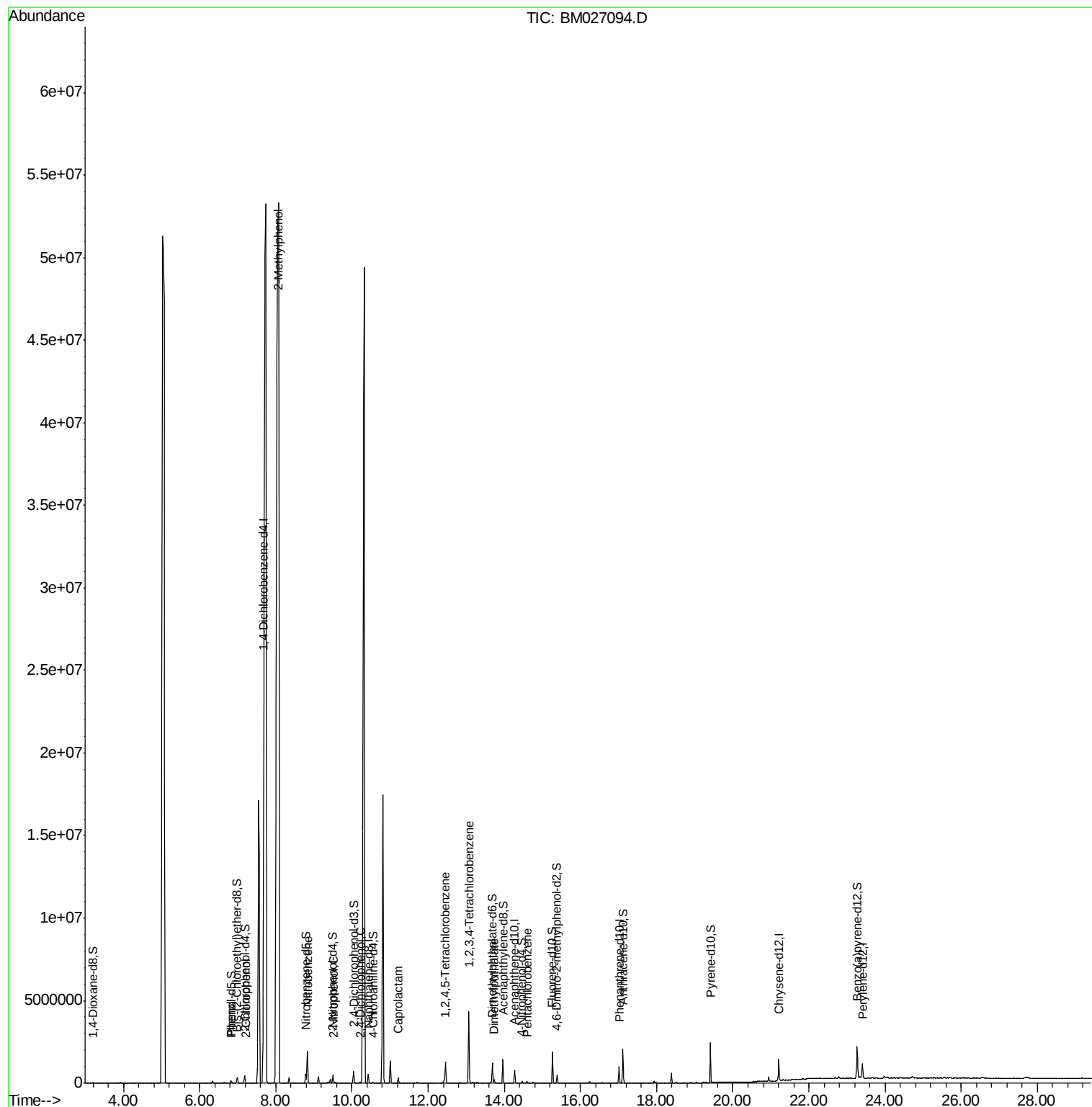
					Ovalue
6) Phenol	6.85	94	14190	1.442	ng/ul 91
10) 2-Chlorophenol	7.22	128	9787	1.272	ng/ul 99
11) 2-Methylphenol	8.06	108	371702	51.997	ng/ul 94
20) Nitrobenzene	8.83	77	1125252	108.273	ng/ul 99
23) 2-Nitrophenol	9.53	139	7813	2.135	ng/ul 97
27) 2,4-Dichlorophenol	10.21	162	15812	2.268	ng/ul 95
32) Caprolactam	11.22	113	20269	10.460	ng/ul# 1
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	397608	40.946	ng/ul 99
45) Dimethylphthalate	13.73	163	115724	5.277	ng/ul 98
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	1255945	141.704	ng/uL 99
74) Pentachlorobenzene	14.60	250	28586	3.092	ng/uL 94

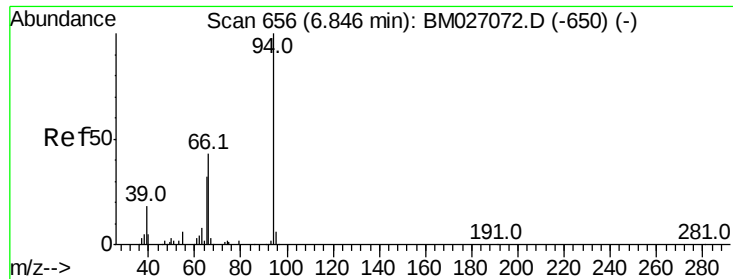
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 1.442 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM027094.D

Acq: 14 Aug 2020 18:30

Instrument :

BNA_M

ClientSampled :

C0F94

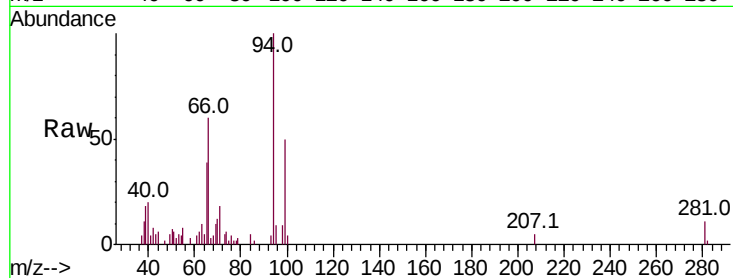
Tot Ion: 94 Resp: 14190

Ion Ratio Lower Upper

94 100

65 39.2 28.6 43.0

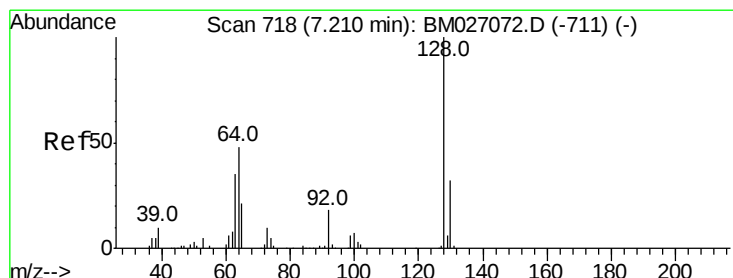
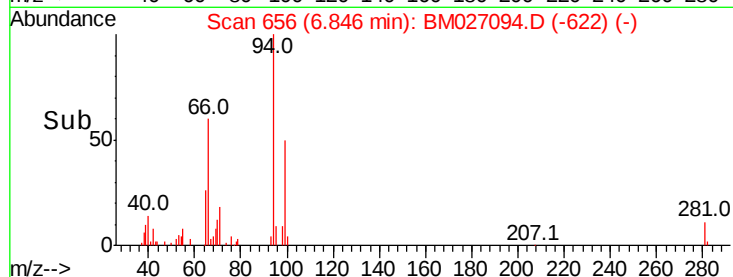
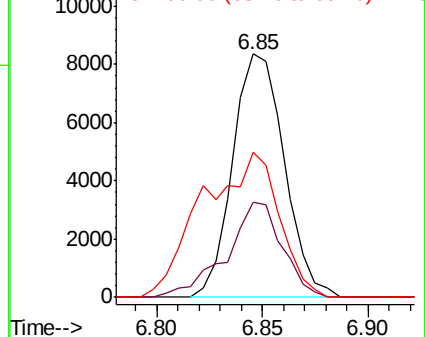
66 59.7 41.3 61.9



Abundance Ion 94.00 (93.70 to 94.70): BM027072.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM027072.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM027072.D (-650) (-)



#10

2-Chlorophenol

Concen: 1.272 ng/ul

RT: 7.22 min Scan# 719

Delta R.T. 0.01 min

Lab File: BM027094.D

Acq: 14 Aug 2020 18:30

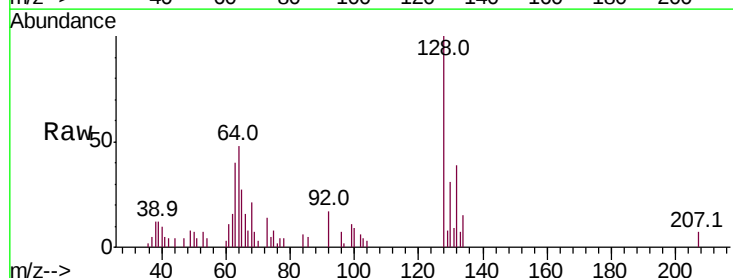
Tgt Ion: 128 Resp: 9787

Ion Ratio Lower Upper

128 100

64 48.2 39.4 59.2

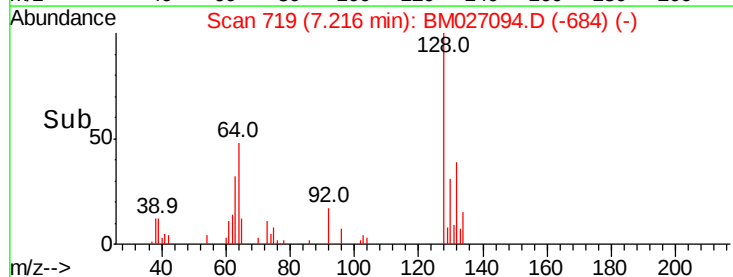
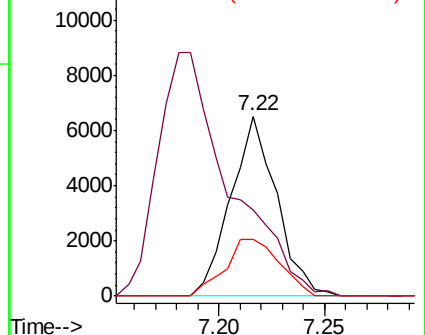
130 31.2 25.4 38.2

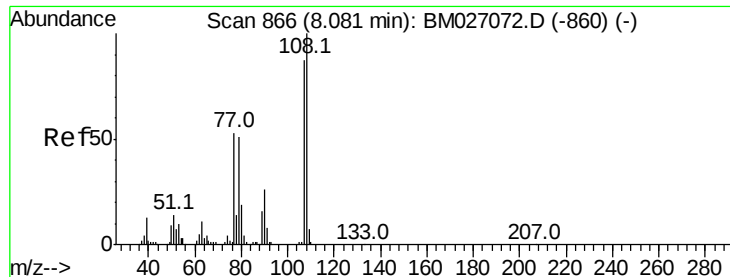


Abundance Ion 128.00 (127.70 to 128.70): BM027072.D (-711) (-)

Ion 64.00 (63.70 to 64.70): BM027072.D (-711) (-)

Ion 130.00 (129.70 to 130.70): BM027072.D (-711) (-)

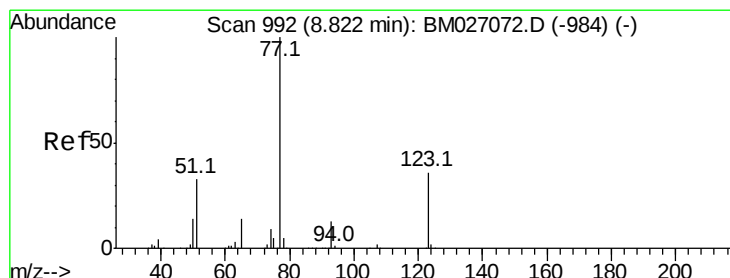
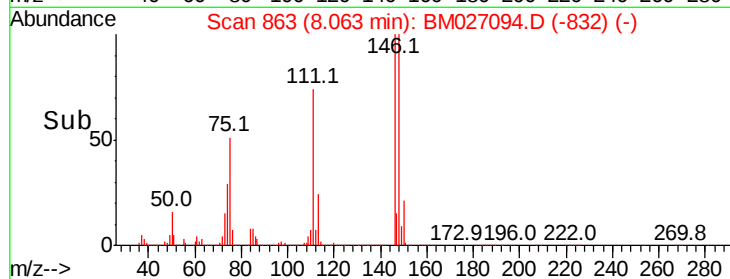
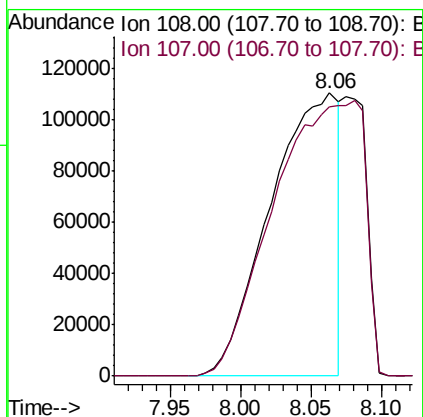
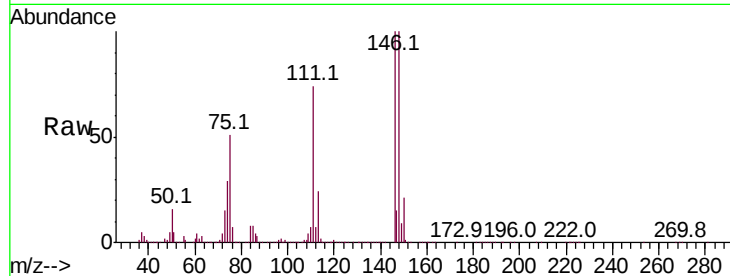




#11
 2-Methylphenol
 Concen: 51.997 ng/ul
 RT: 8.06 min Scan# 863
 Delta R.T. -0.02 min
 Lab File: BM027094.D
 Acq: 14 Aug 2020 18:30

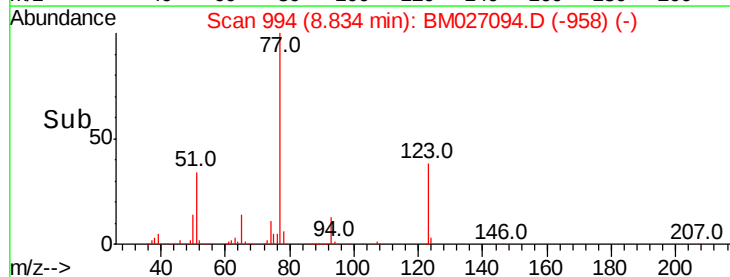
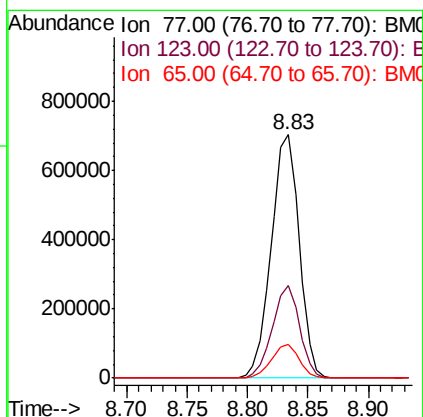
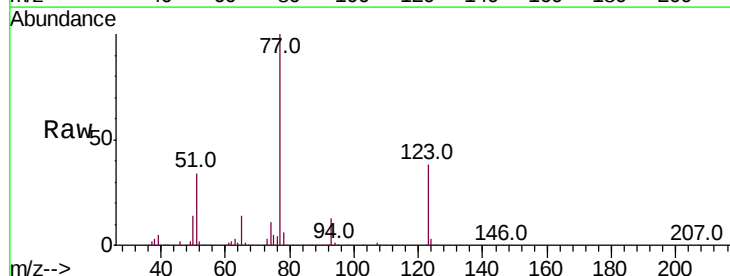
Instrument :
 BNA_M
 ClientSampleId :
 C0F94

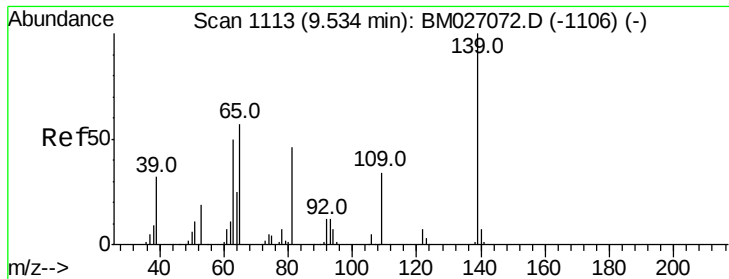
Tot Ion:108 Resp: 371702
 Ion Ratio Lower Upper
 108 100
 107 95.3 71.8 107.6



#20
 Nitrobenzene
 Concen: 108.273 ng/ul
 RT: 8.83 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: BM027094.D
 Acq: 14 Aug 2020 18:30

Tgt Ion: 77 Resp: 1125252
 Ion Ratio Lower Upper
 77 100
 123 37.8 29.7 44.5
 65 13.9 11.7 17.5

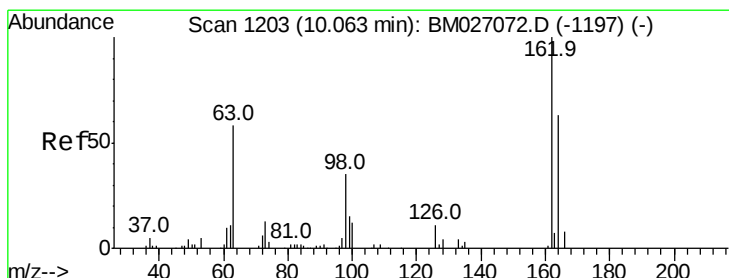
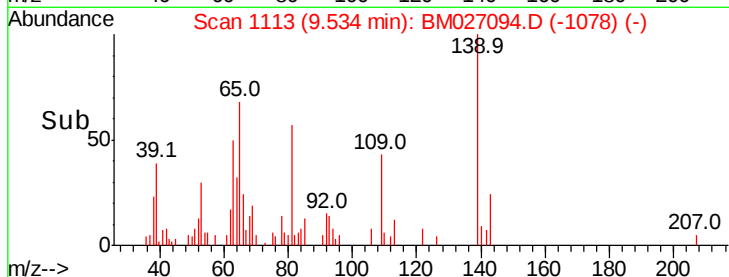
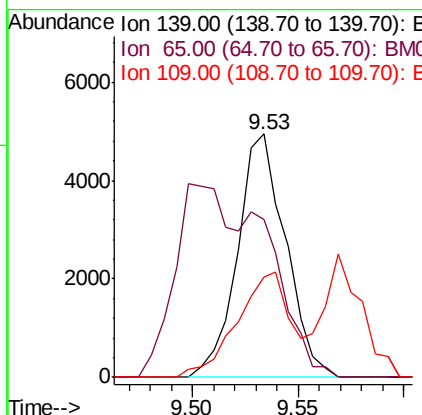
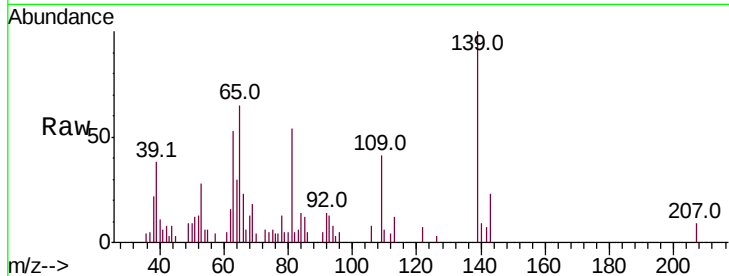




#23
2-Nitrophenol
Concen: 2.135 ng/ul
RT: 9.53 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BM027094.D
Acq: 14 Aug 2020 18:30

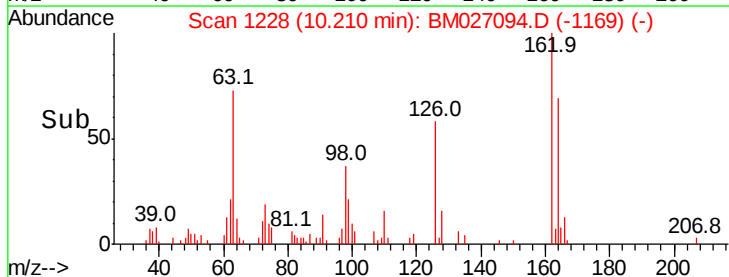
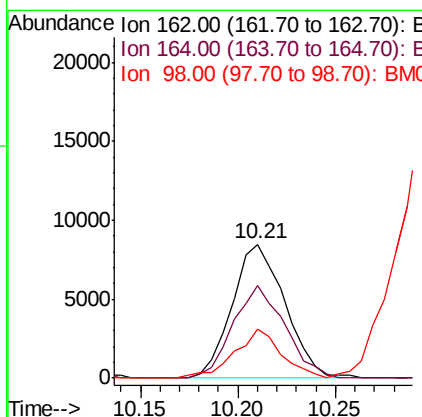
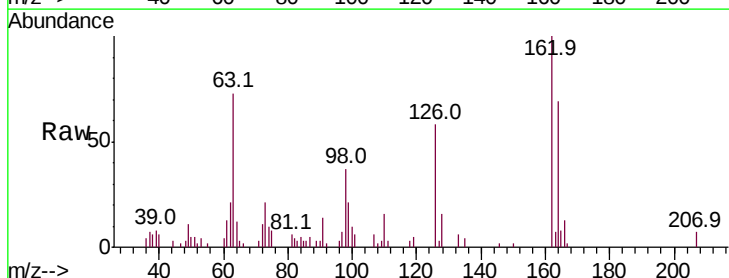
Instrument :
BNA_M
ClientSampleId :
C0F94

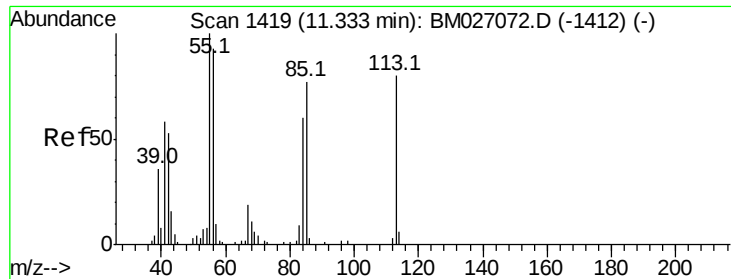
Tot Ion:139 Resp: 7813
Ion Ratio Lower Upper
139 100
65 65.1 54.5 81.7
109 41.0 31.4 47.0



#27
2,4-Dichlorophenol
Concen: 2.268 ng/ul
RT: 10.21 min Scan# 1228
Delta R.T. 0.15 min
Lab File: BM027094.D
Acq: 14 Aug 2020 18:30

Tgt Ion:162 Resp: 15812
Ion Ratio Lower Upper
162 100
164 69.5 51.4 77.2
98 36.7 28.4 42.6





#32

Caprolactam

Concen: 10.460 ng/ul

RT: 11.22 min Scan# 1399

Delta R.T. -0.11 min

Lab File: BM027094.D

Acq: 14 Aug 2020 18:30

Instrument :

BNA_M

ClientSampleId :

C0F94

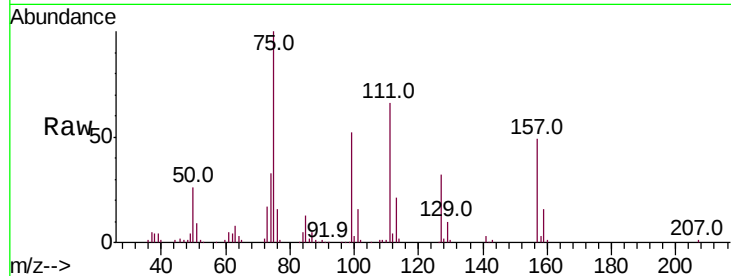
Tot Ion:113 Resp: 20269

Ion Ratio Lower Upper

113 100

55 0.0 101.3 151.9#

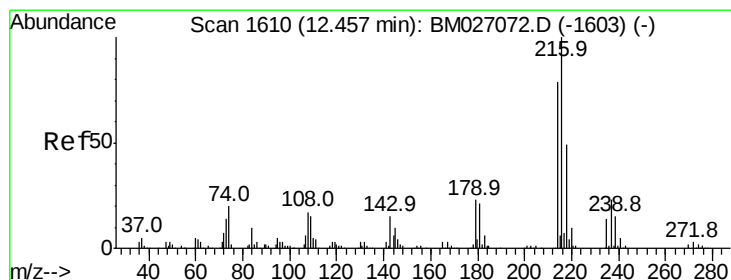
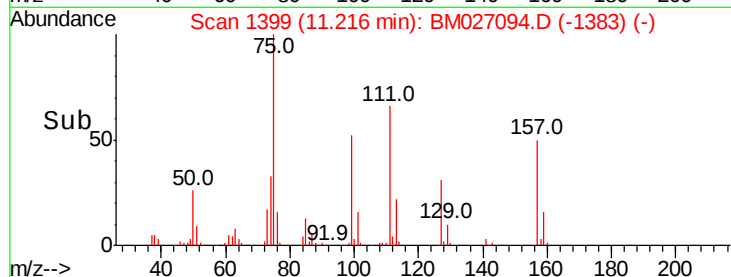
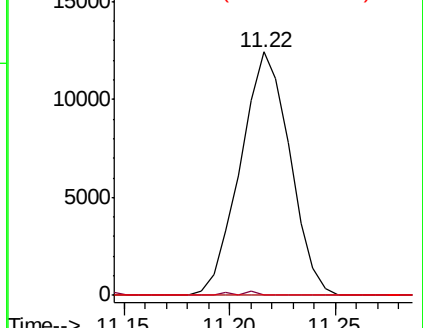
56 0.0 90.9 136.3#



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



#37

1,2,4,5-Tetrachlorobenzene

Concen: 40.946 ng/ul

RT: 12.46 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BM027094.D

Acq: 14 Aug 2020 18:30

Tgt Ion:216 Resp: 397608

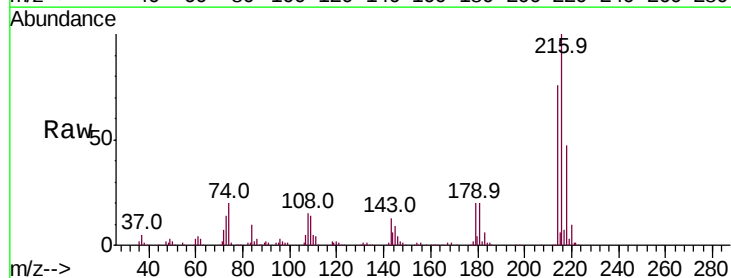
Ion Ratio Lower Upper

216 100

214 76.1 61.4 92.2

179 20.3 16.8 25.2

108 15.4 13.7 20.5

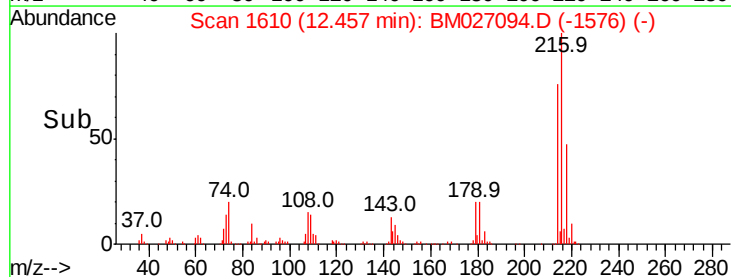
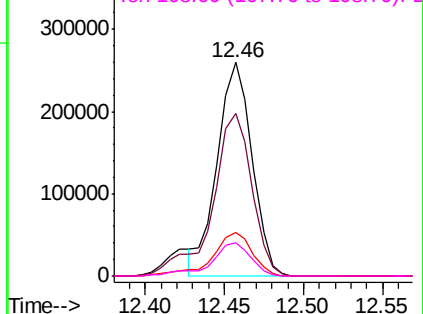


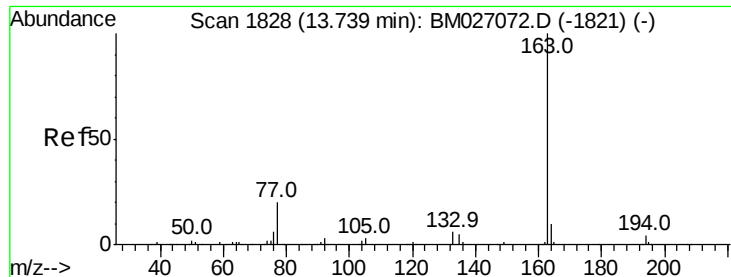
Abundance Ion 216.00 (215.70 to 216.70): E

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





#45

Dimethylphthalate

Concen: 5.277 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM027094.D

Acq: 14 Aug 2020 18:30

Instrument :

BNA_M

ClientSampled :

C0F94

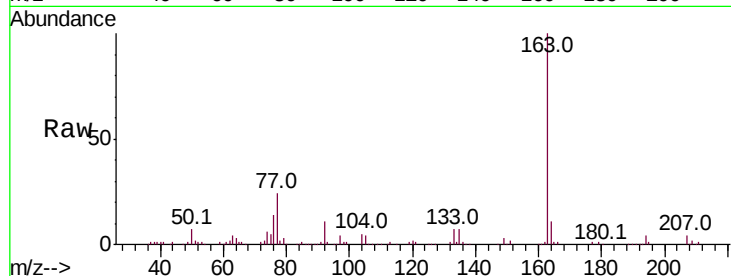
Tot Ion:163 Resp: 115724

Ion Ratio Lower Upper

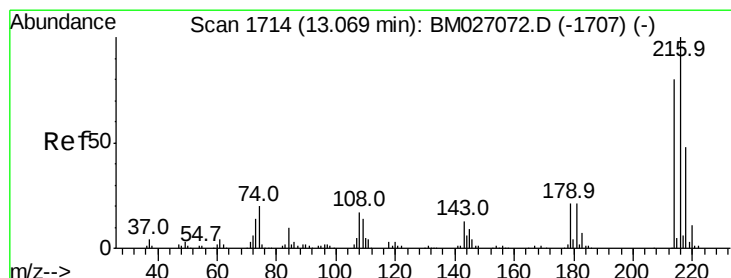
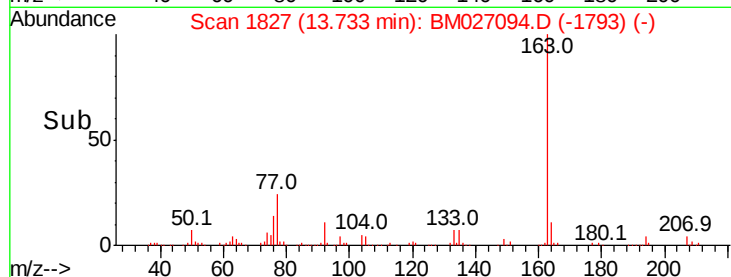
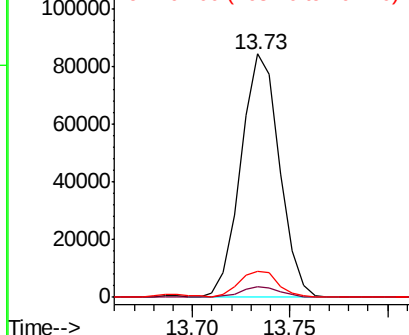
163 100

194 4.4 3.2 4.8

164 10.9 8.2 12.2



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 141.704 ng/uL

RT: 13.07 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BM027094.D

Acq: 14 Aug 2020 18:30

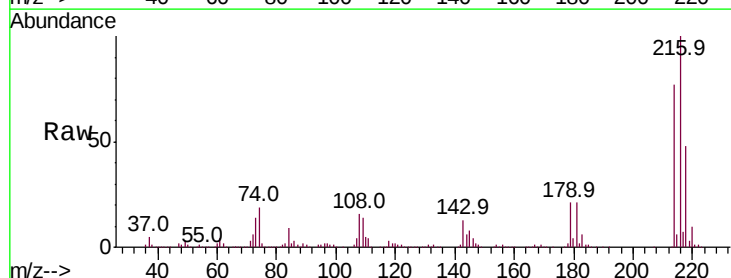
Tgt Ion:216 Resp: 1255945

Ion Ratio Lower Upper

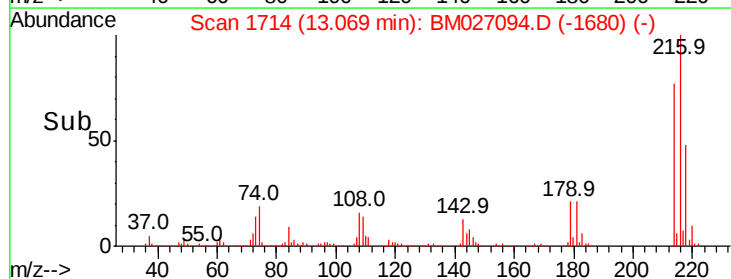
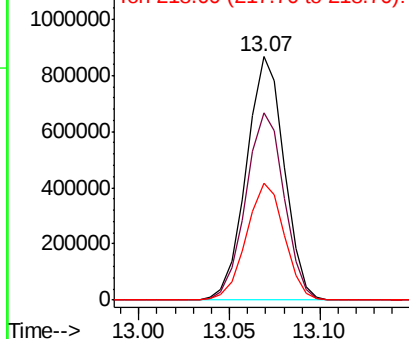
216 100

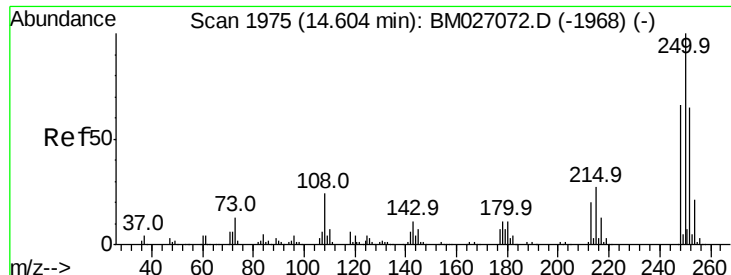
214 76.8 61.8 92.6

218 47.8 39.0 58.4



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 3.092 ng/uL

RT: 14.60 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BM027094.D

Acq: 14 Aug 2020 18:30

Instrument :

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ClientSampleId :

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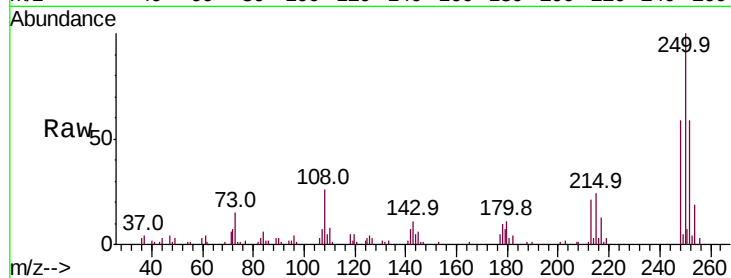
Tot Ion:250 Resp: 28586

Ion Ratio Lower Upper

250 100

248 59.2 49.5 74.3

252 58.6 52.1 78.1



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

