

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

Manual Integrations
 APPROVED

mohammad
 8/19/2020 8:18:47 AM

Quant Time: Aug 17 07:21:28 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	123381m	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	4.65	ng/uL	0.00
5) Phenol-d5	6.82	99	69020	7.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	187632	28.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	188087	24.86	ng/ul	0.01
13) 4-Methylphenol-d8	8.35	113	114224m	15.27	ng/ul	0.00
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	1.403	ng/ul 91
10) 2-Chlorophenol	7.22	128	9787	1.238	ng/ul 99
20) Nitrobenzene	8.83	77	1125252	108.273	ng/ul 99
23) 2-Nitrophenol	9.53	139	7813	2.135	ng/ul 97
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	436657m	44.967	ng/ul
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

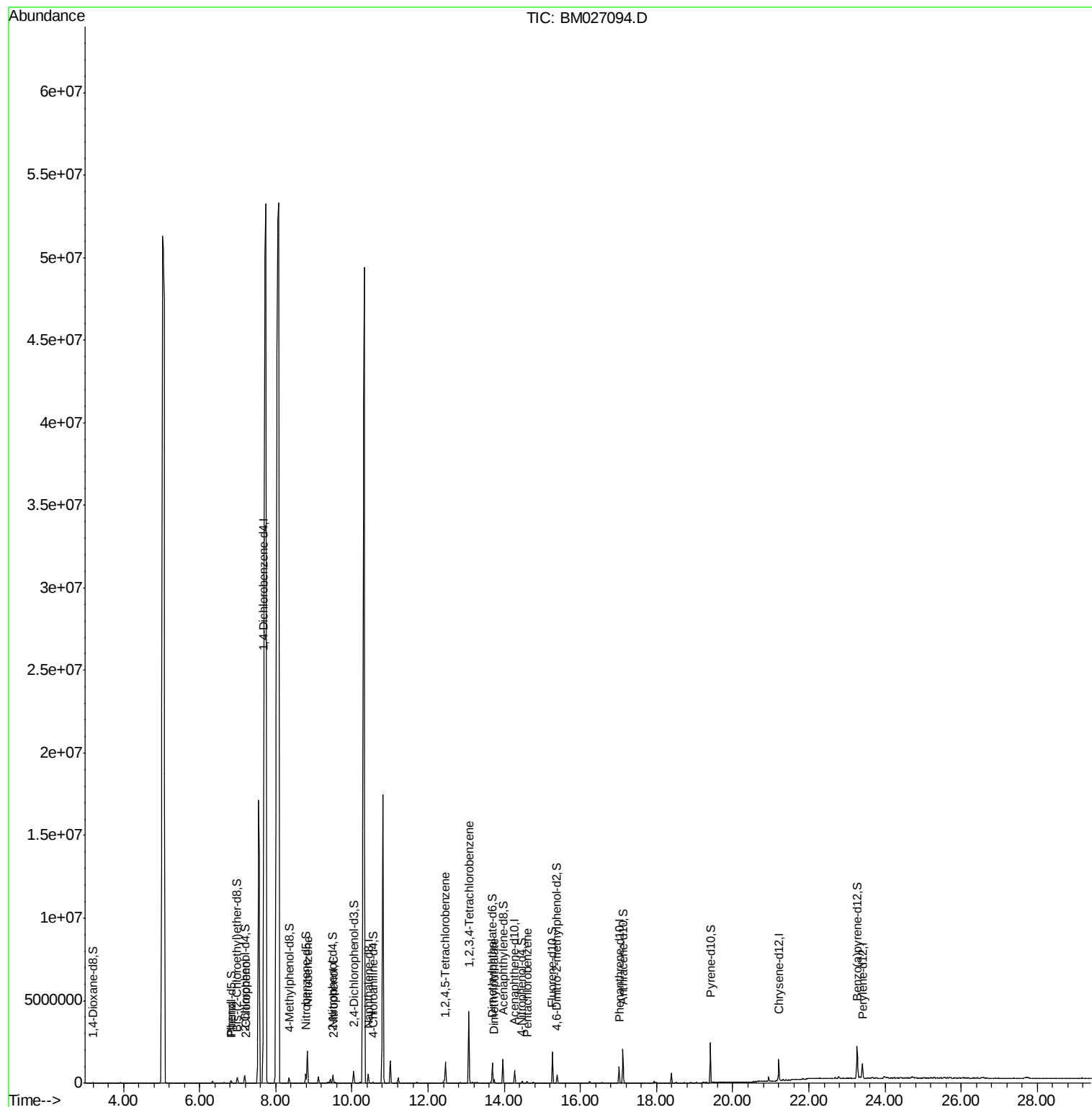
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027094.D
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ALS Vial : 40 Sample Multiplier: 1

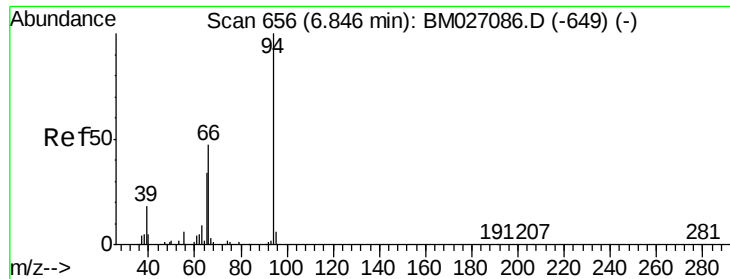
Instrument :
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#6

Phenol

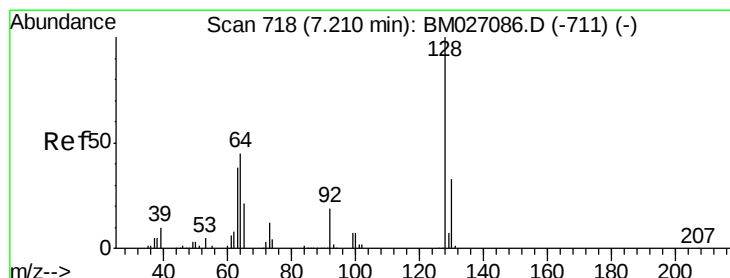
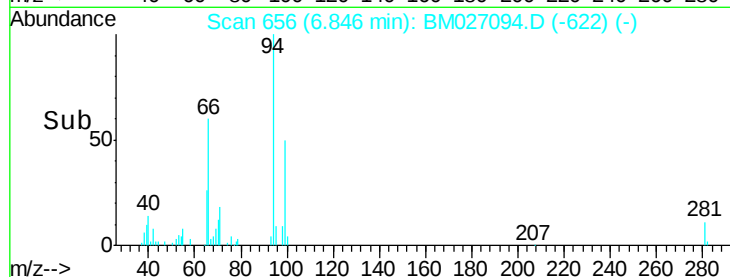
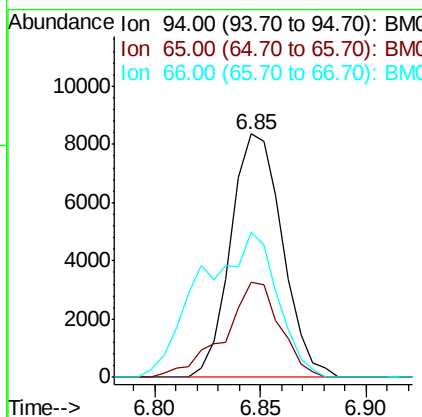
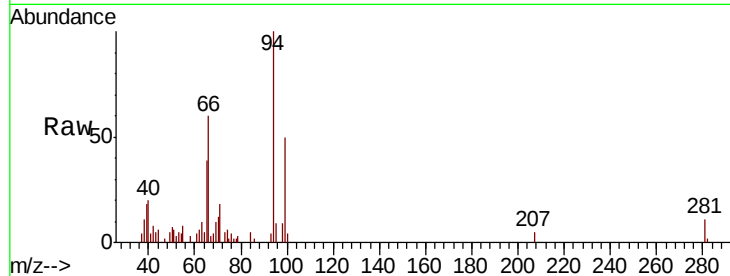
Concen: 1.403 ng/ul
 RT: 6.85 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BM027094.D
 Acq: 14 Aug 2020 18:30

Instrument :
 BNA_M
 ClientSampled :
 C0F94

Tot Ion	Ratio	Lower	Upper
94	100		
65	39.2	28.6	43.0
66	59.7	41.3	61.9

Manual Integrations
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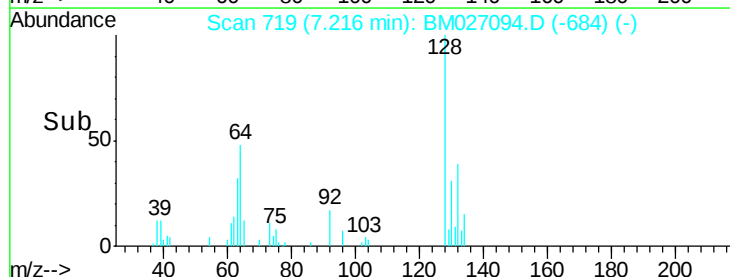
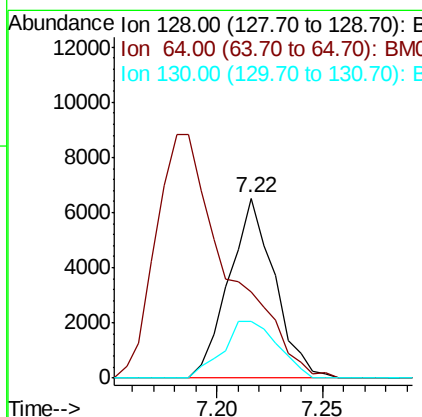
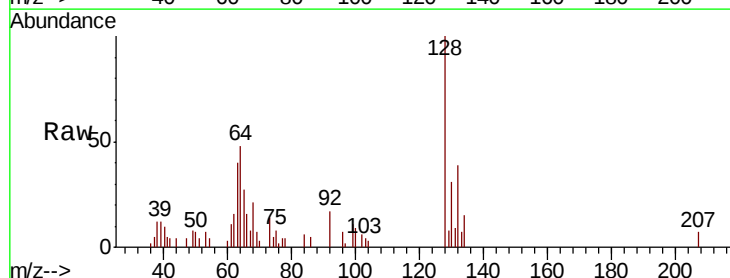


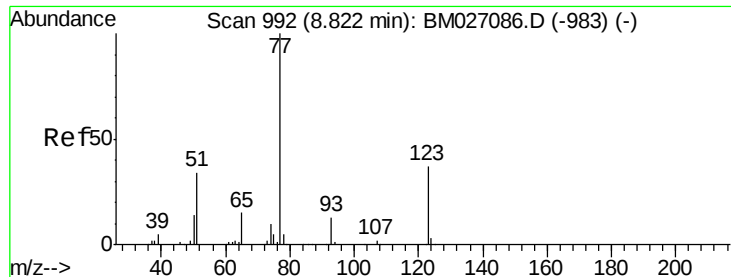
#10

2-Chlorophenol

Concen: 1.238 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	Ratio	Lower	Upper
128	100		
64	48.2	39.4	59.2
130	31.2	25.4	38.2





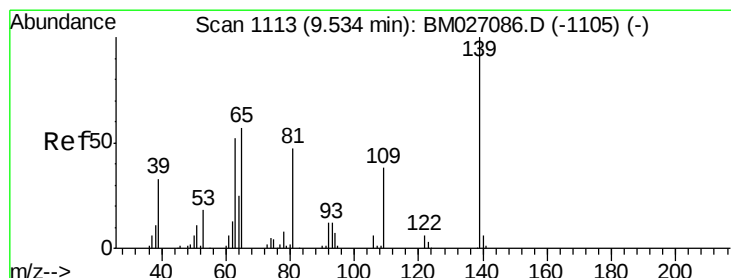
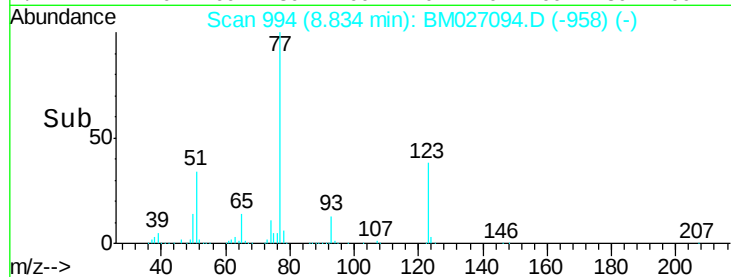
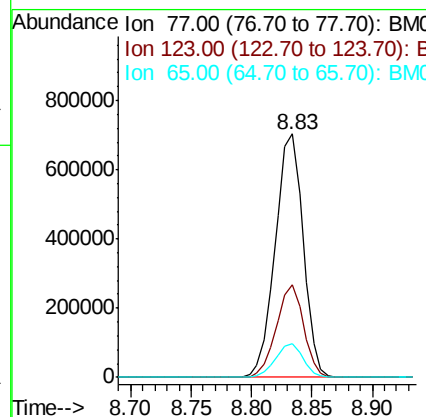
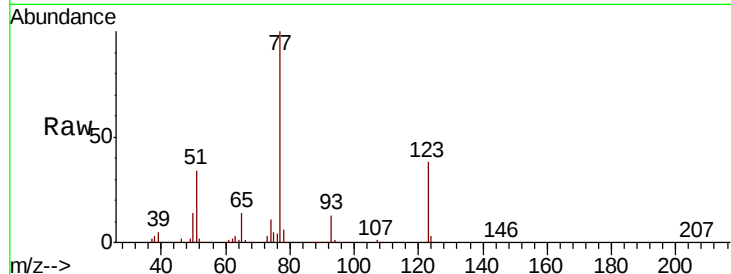
#20
Nitrobenzene
Concen: 108.273 ng/ul
RT: 8.83 min Scan# 994
Delta R.T. 0.01 min
Lab File: BM027094.D
Acq: 14 Aug 2020 18:30

Instrument :
BNA_M
ClientSampleId :
C0F94

Tot Ion	Ratio	Lower	Upper
77	100		
123	37.8	29.7	44.5
65	13.9	11.7	17.5

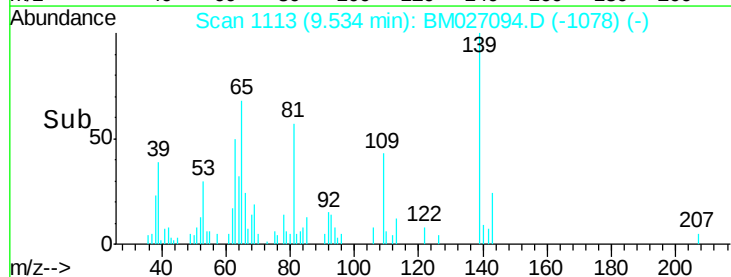
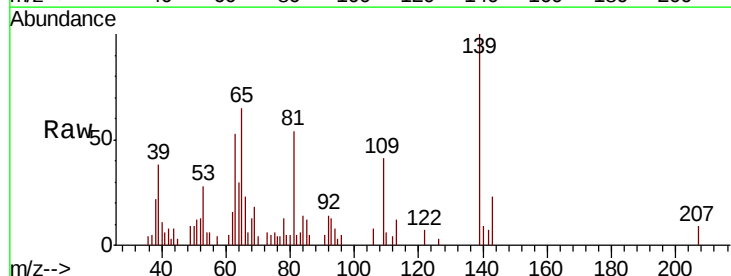
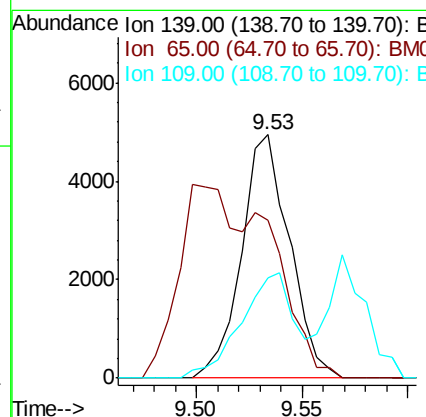
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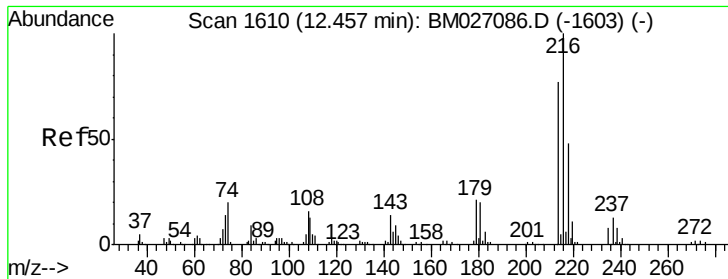
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#23
2-Nitrophenol
Concen: 2.135 ng/ul
RT: 9.53 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BM027094.D
Acq: 14 Aug 2020 18:30

Tgt Ion	Ratio	Lower	Upper
139	100		
65	65.1	54.5	81.7
109	41.0	31.4	47.0





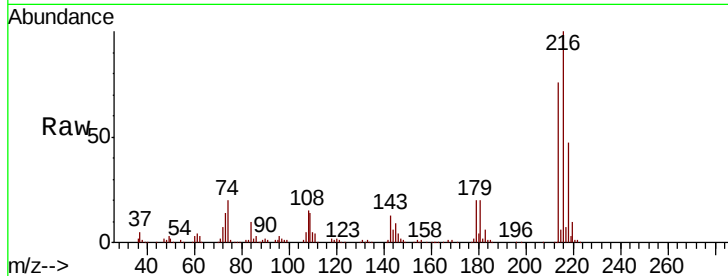
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.967 ng/ul m
 RT: 12.46 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BM027094.D
 Acq: 14 Aug 2020 18:30

Instrument :
 BNA_M
 ClientSampleId :
 C0F94

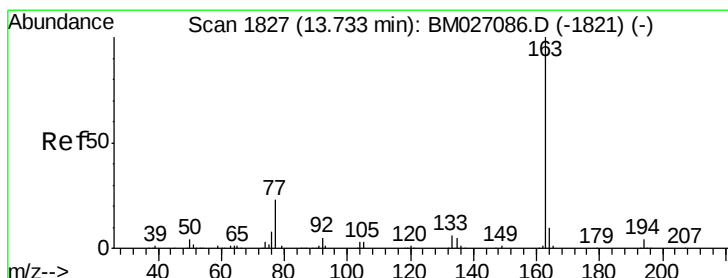
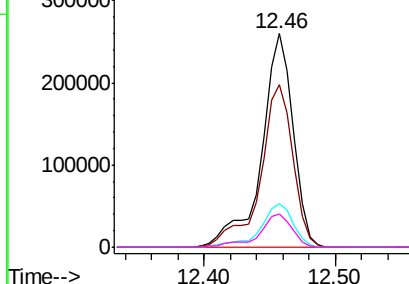
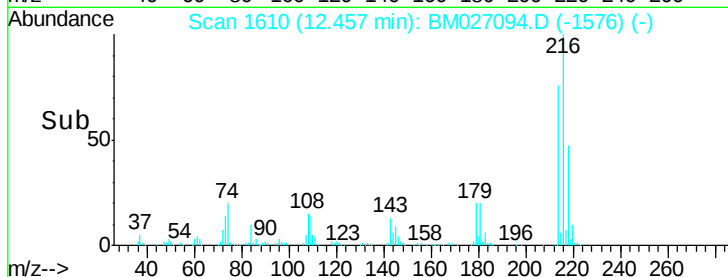
Tot Ion:	216	Resp:	436657
Ion Ratio		Lower	Upper
216	100		
214	76.1	61.4	92.2
179	20.3	16.8	25.2
108	15.4	13.7	20.5

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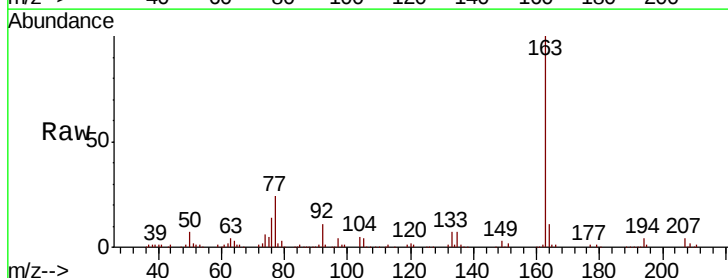


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

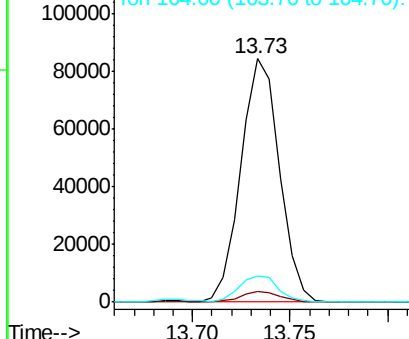
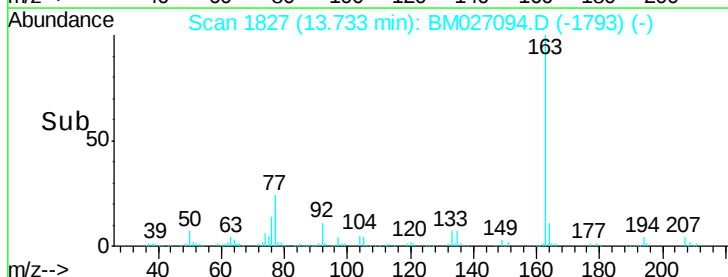


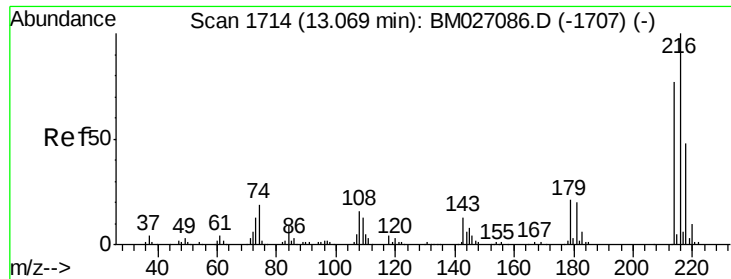
#45
 Dimethylphthalate
 Concen: 5.277 ng/ul
 RT: 13.73 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BM027094.D
 Acq: 14 Aug 2020 18:30

Tgt 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





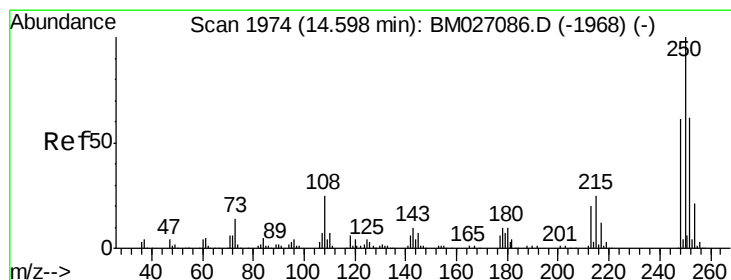
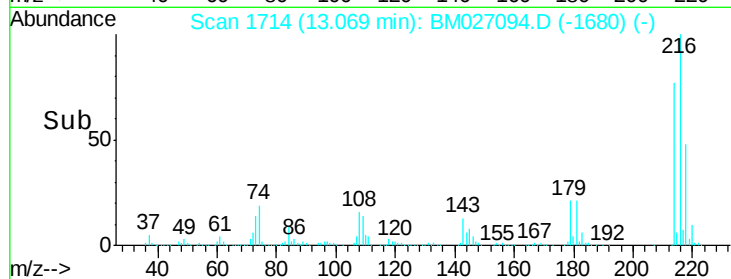
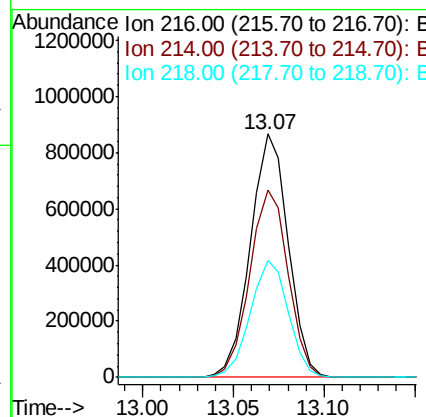
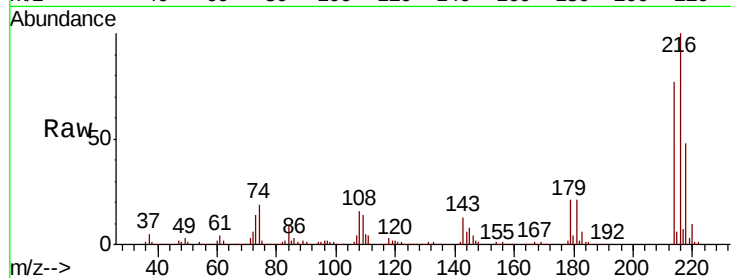
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 141.704 ng/uL
 RT: 13.07 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BM027094.D
 Acq: 14 Aug 2020 18:30

Instrument :
 BNA_M
 ClientSampled :
 C0F94

Tot Ion	Ratio	Lower	Upper
216	100		
214	76.8	61.8	92.6
218	47.8	39.0	58.4

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#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

Tgt Ion	Ratio	Lower	Upper
250	100		
248	59.2	49.5	74.3
252	58.6	52.1	78.1

