

Data File : BM024504.D
Acq On : 17 Jan 2020 20:23
Operator : JU
Sample : L1139-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0D51

Quant Time: Jan 18 00:09:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 18 00:06:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	257514	20.00	ng/ul	0.05
18) Naphthalene-d8	10.25	136	876169	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.10	164	634041	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1502410	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1591259	20.00	ng/ul	-0.01
86) Perylene-d12	23.18	264	1712892	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	20623	3.91	ng/uL	0.00
5) Phenol-d5	6.65	99	92438	4.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	258201	24.35	ng/ul	0.01
9) 2-Chlorophenol-d4	7.01	132	346646	21.26	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	1114	0.06	ng/ul	0.09
19) Nitrobenzene-d5	8.60	128	229891	37.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	271662	40.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	467992	31.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	29830	1.79	ng/ul	0.01
44) Dimethylphthalate-d6	13.53	166	1893249	38.11	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	2166360	37.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.31	143	57840	6.98	ng/ul	0.00
58) Fluorene-d10	15.11	176	1655246	37.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	313655	36.57	ng/ul	0.00
71) Anthracene-d10	16.95	188	2771687	39.67	ng/ul	0.00
79) Pyrene-d10	19.26	212	3326319	39.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	3543633	39.89	ng/ul	0.00

Target Compounds

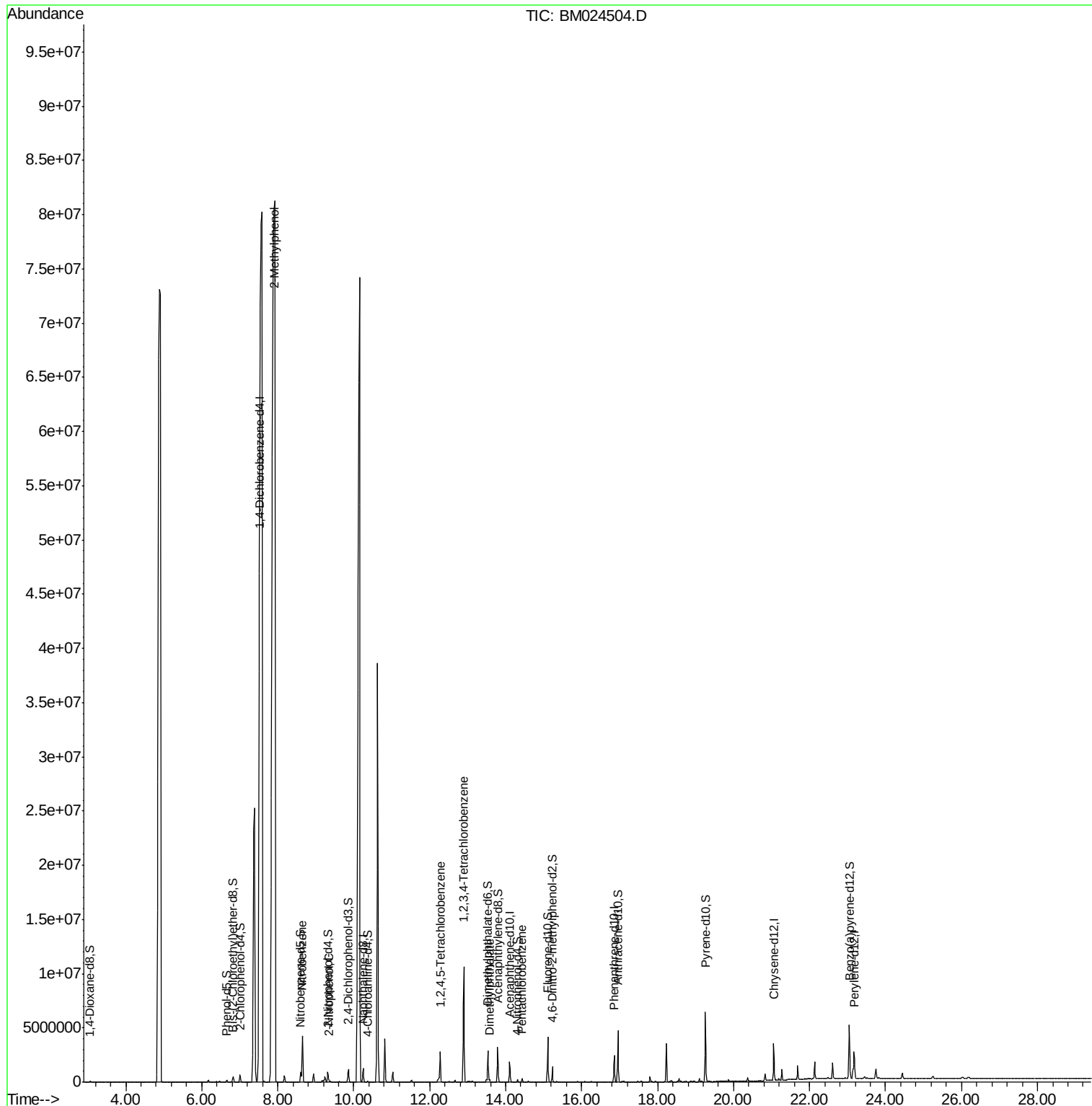
					Qvalue
11) 2-Methylphenol	7.92	108	935083	58.820	ng/ul 94
20) Nitrobenzene	8.65	77	2104832	141.278	ng/ul 97
23) 2-Nitrophenol	9.35	139	19766	2.711	ng/ul# 87
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	881974	42.281	ng/ul 99
45) Dimethylphthalate	13.57	163	118494	2.346	ng/ul 100
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	3336468	156.174	ng/uL 98
74) Pentachlorobenzene	14.43	250	83545	3.694	ng/uL 98

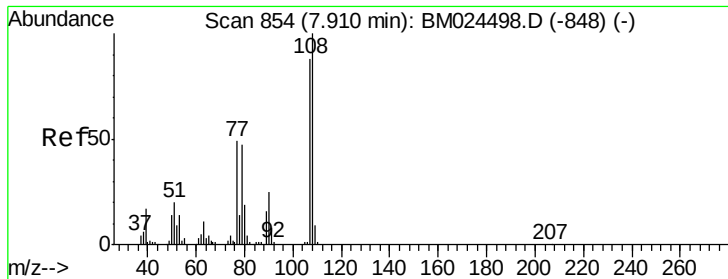
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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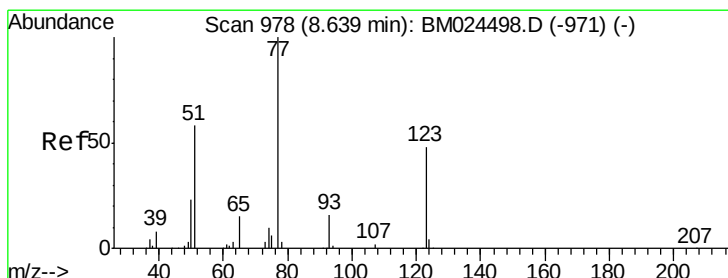
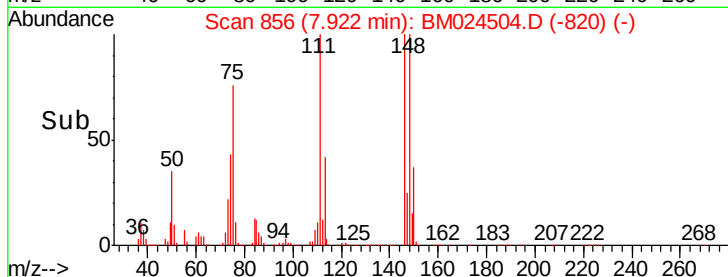
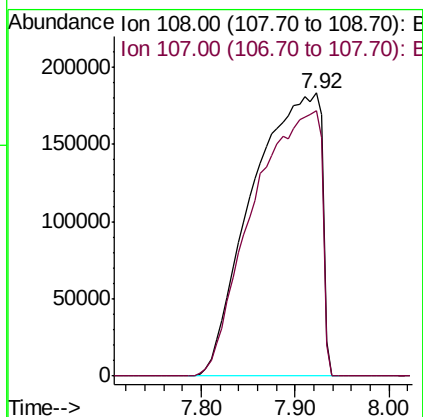
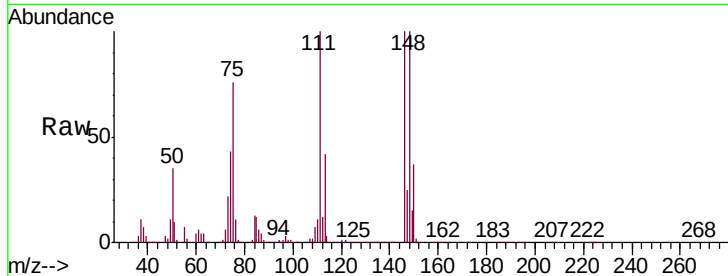




#11
 2-Methylphenol
 Concen: 58.820 ng/ul
 RT: 7.92 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: BM024504.D
 Acq: 17 Jan 2020 20:23

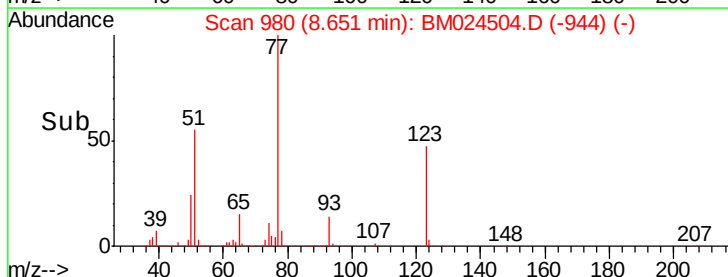
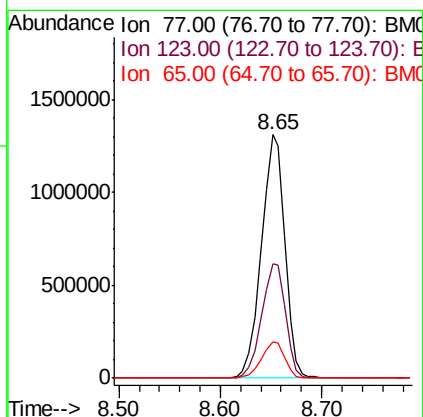
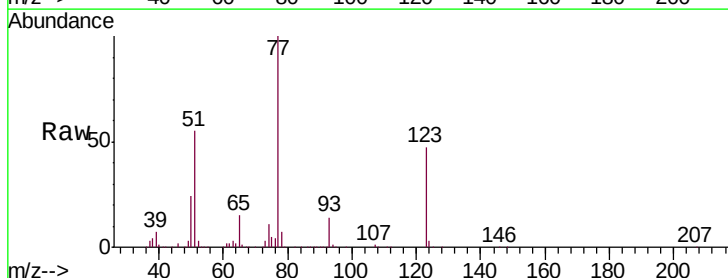
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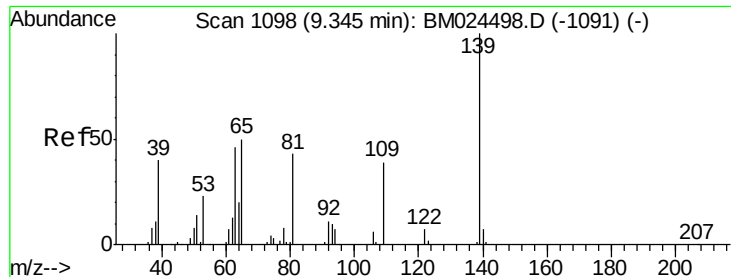
Tgt Ion:108 Resp: 935083
 Ion Ratio Lower Upper
 108 100
 107 93.6 70.6 105.8



#20
 Nitrobenzene
 Concen: 141.278 ng/ul
 RT: 8.65 min Scan# 980
 Delta R.T. 0.01 min
 Lab File: BM024504.D
 Acq: 17 Jan 2020 20:23

Tgt Ion: 77 Resp: 2104832
 Ion Ratio Lower Upper
 77 100
 123 47.0 35.7 53.5
 65 14.8 11.5 17.3

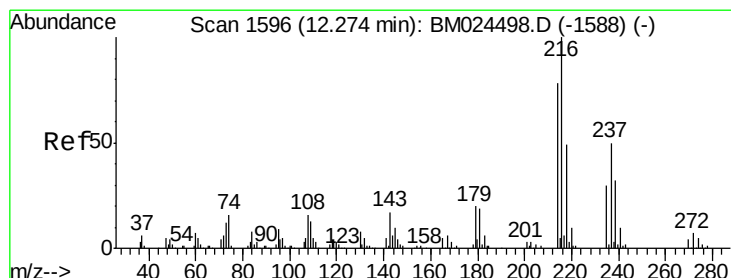
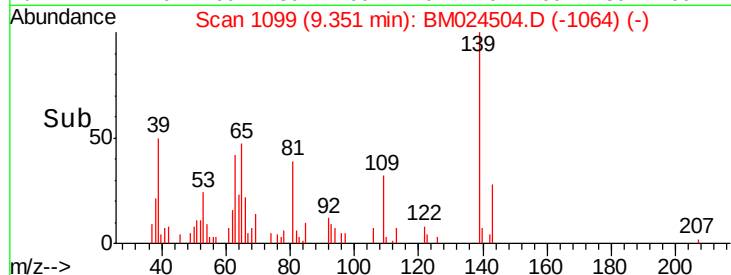
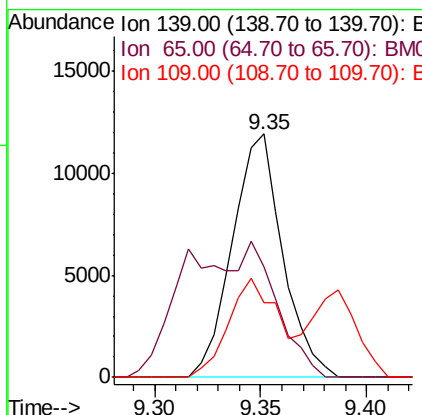
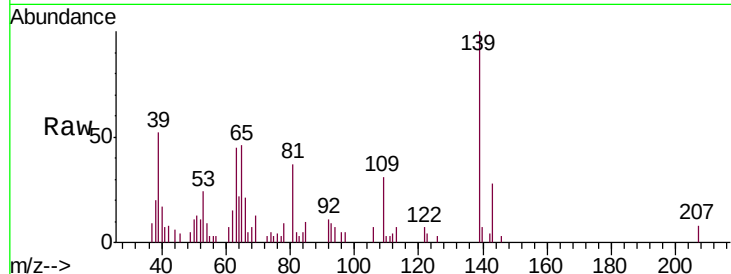




#23
 2-Nitrophenol
 Concen: 2.711 ng/ul
 RT: 9.35 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BM024504.D
 Acq: 17 Jan 2020 20:23

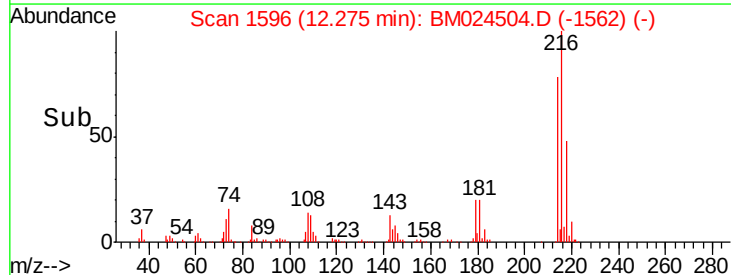
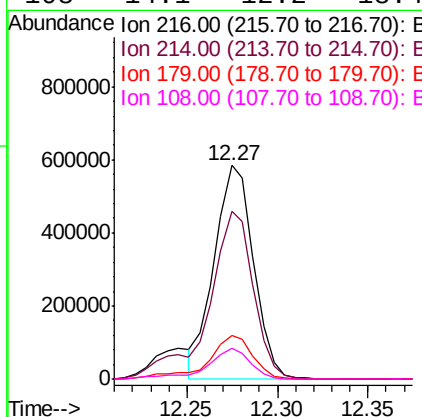
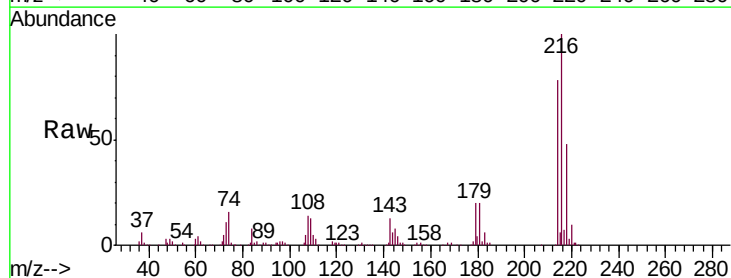
Instrument :
 BNA_M
 ClientSampleId :
 C0D51

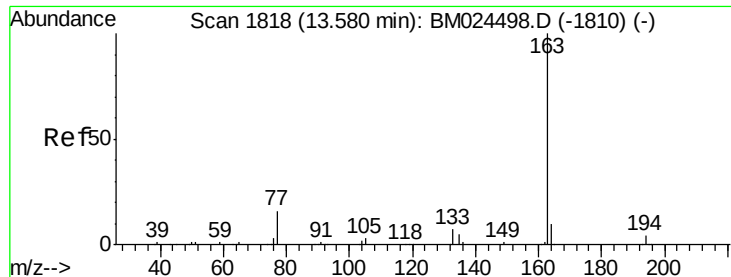
Tgt Ion:139 Resp: 19766
 Ion Ratio Lower Upper
 139 100
 65 45.5 43.9 65.9
 109 30.7 31.4 47.0#



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.281 ng/ul
 RT: 12.27 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BM024504.D
 Acq: 17 Jan 2020 20:23

Tgt Ion:216 Resp: 881974
 Ion Ratio Lower Upper
 216 100
 214 78.2 63.4 95.2
 179 20.3 16.5 24.7
 108 14.1 12.2 18.4





#45

Dimethylphthalate

Concen: 2.346 ng/ul

RT: 13.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BM024504.D

Acq: 17 Jan 2020 20:23

Instrument :

BNA_M

ClientSampleId :

C0D51

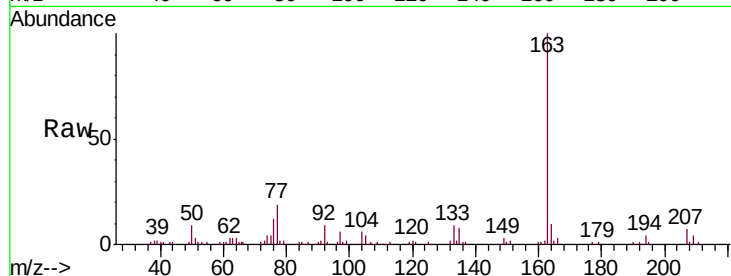
Tgt Ion:163 Resp: 118494

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

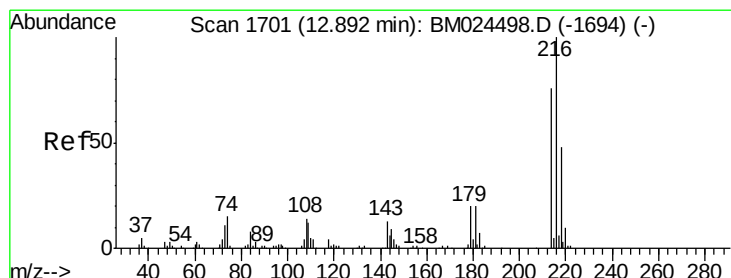
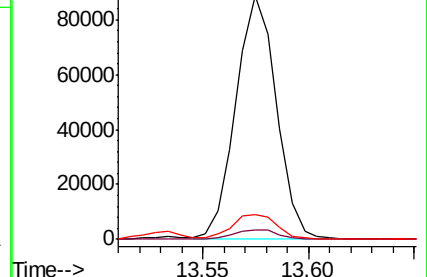
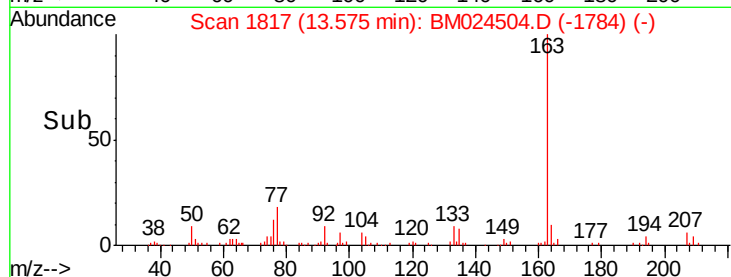
164 10.0 8.0 12.0



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: 156.174 ng/uL

RT: 12.90 min Scan# 1702

Delta R.T. 0.01 min

Lab File: BM024504.D

Acq: 17 Jan 2020 20:23

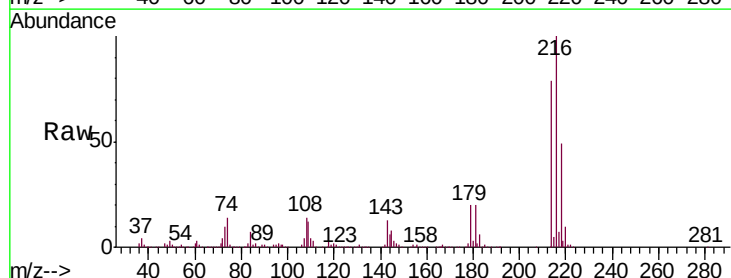
Tgt Ion:216 Resp: 3336468

Ion Ratio Lower Upper

216 100

214 78.6 62.1 93.1

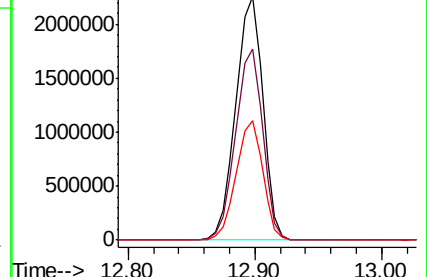
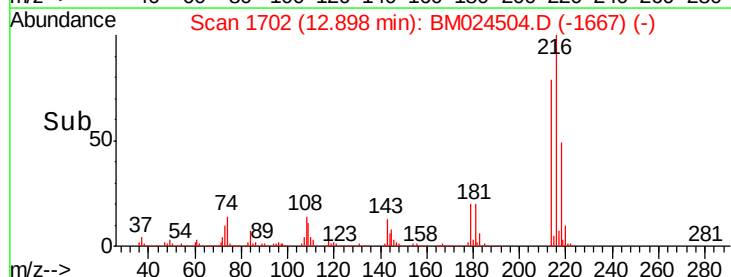
218 49.1 37.4 56.0

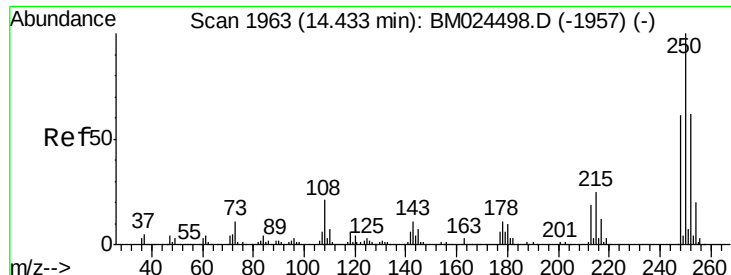


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 3.694 ng/uL

RT: 14.43 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BM024504.D

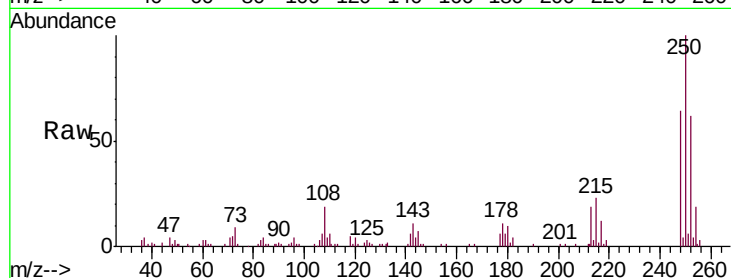
Acq: 17 Jan 2020 20:23

Instrument :

BNA_M

ClientSampleId :

C0D51



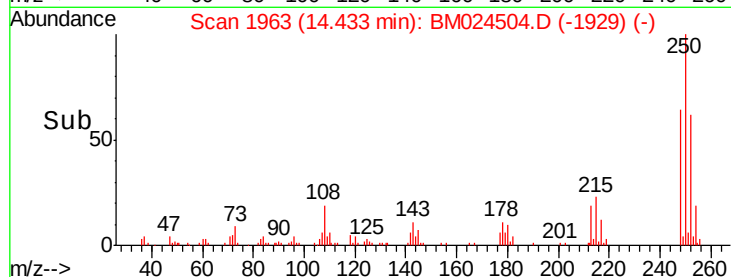
Tgt Ion:250 Resp: 83545

Ion Ratio Lower Upper

250 100

248 63.9 49.8 74.8

252 61.7 50.6 76.0



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

