

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
 Data File : BM028448.D
 Acq On : 19 Jan 2021 05:38
 Operator : CG/JU
 Sample : SP5425
 Misc : SOM02.4 SPIKE
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP5425

Quant Time: Jan 19 06:43:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 18 10:13:28 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42304	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	162839	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	86701	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	161211	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	143686	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	142018	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

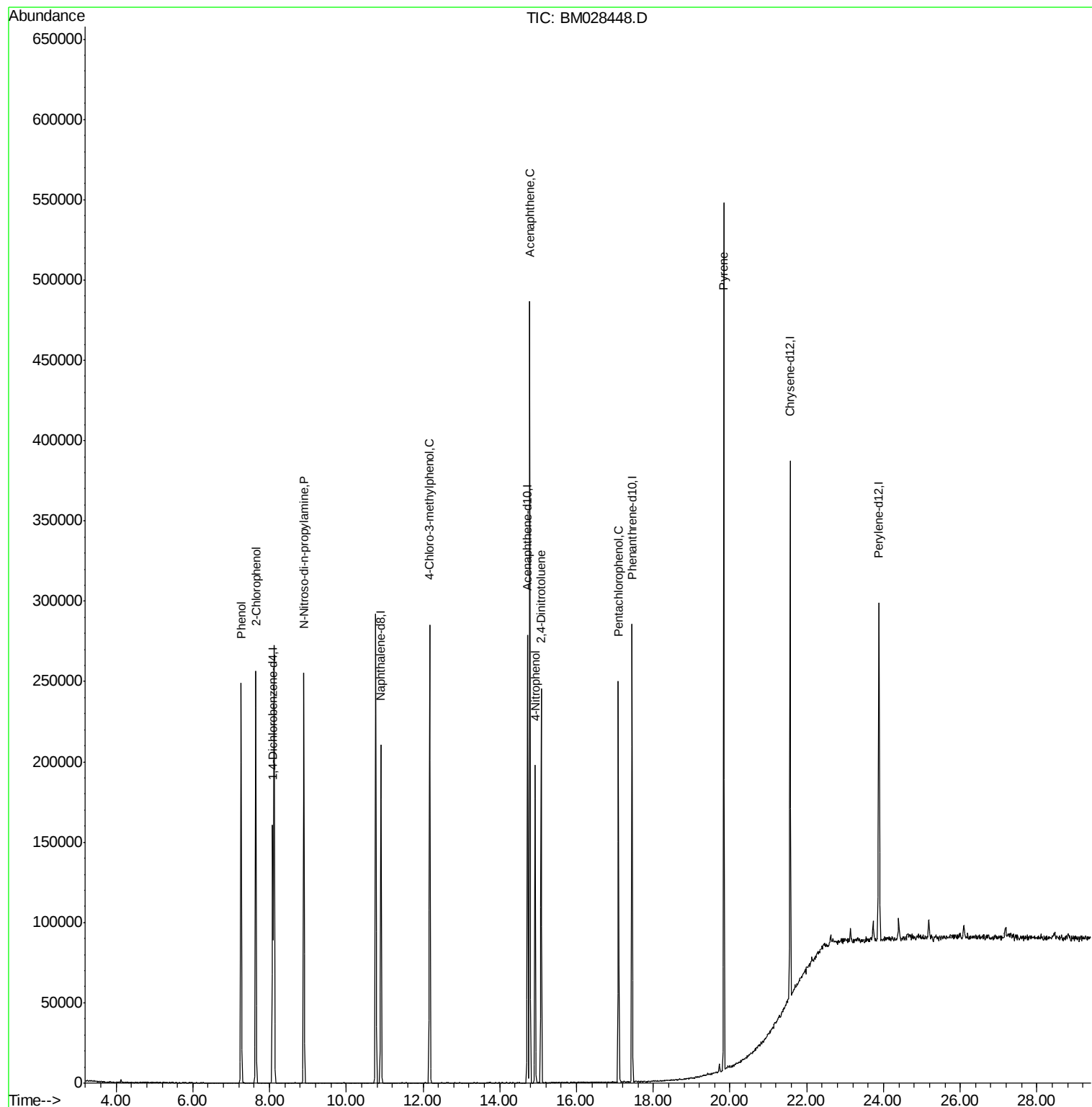
					Ovalue
6) Phenol	7.26	94	122258	34.020	ng/ul 99
10) 2-Chlorophenol	7.64	128	105819	33.511	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.89	70	79627	36.359	ng/ul 99
33) 4-Chloro-3-methylphenol	12.17	107	91867	33.953	ng/ul 97
50) Acenaphthene	14.79	153	187639	29.999	ng/ul 99
53) 4-Nitrophenol	14.92	109	30960	31.287	ng/ul 99
55) 2,4-Dinitrotoluene	15.08	165	62069	31.484	ng/ul 95
69) Pentachlorophenol	17.10	266	40700	31.765	ng/ul 98
80) Pvrene	19.84	202	289218	26.018	ng/ul 99

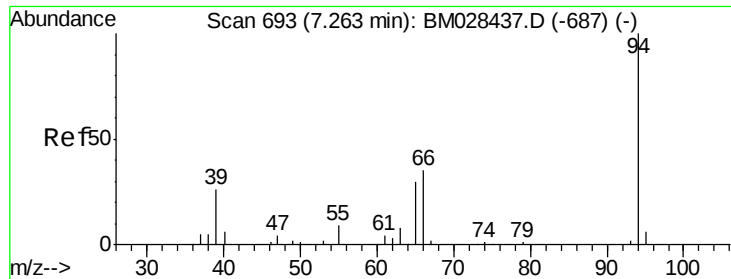
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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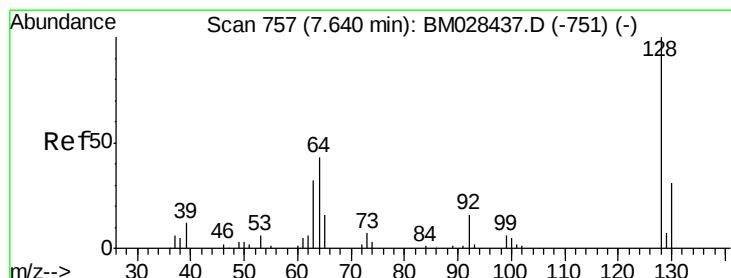
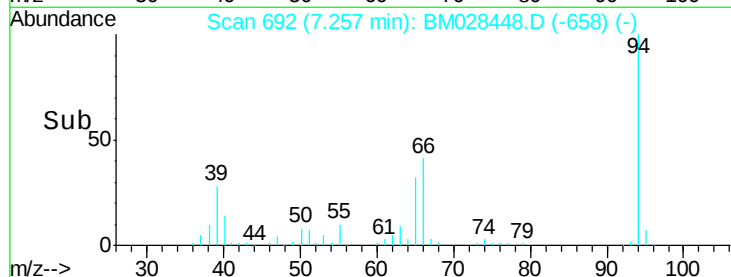
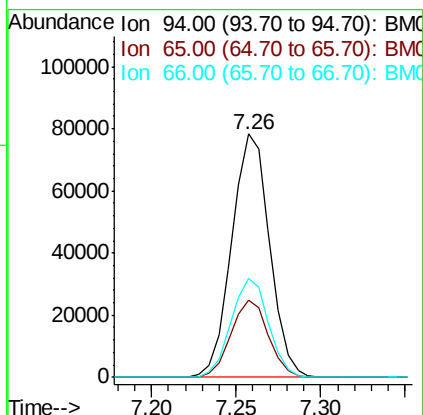
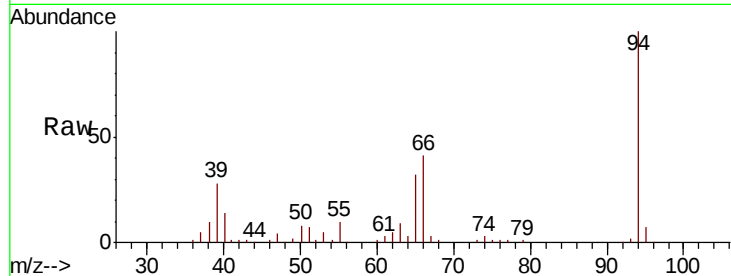
#6

Phenol

Concen: 34.020 ng/ul
 RT: 7.26 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BM028448.D
 Acq: 19 Jan 2021 05:38

Instrument :
 BNA_M
 ClientSampleId :
 SP5425

Tot Ion: 94 Resp: 122258
 Ion Ratio Lower Upper
 94 100
 65 31.8 25.6 38.4
 66 40.7 33.0 49.4

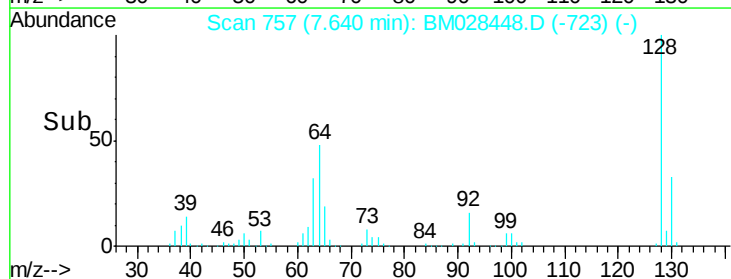
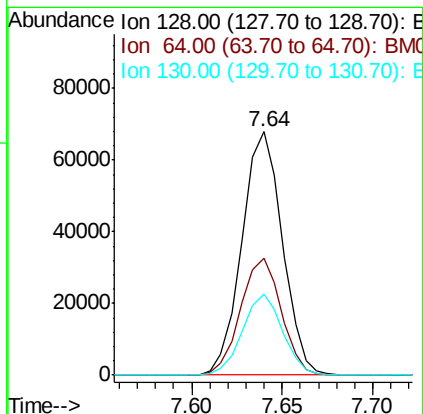
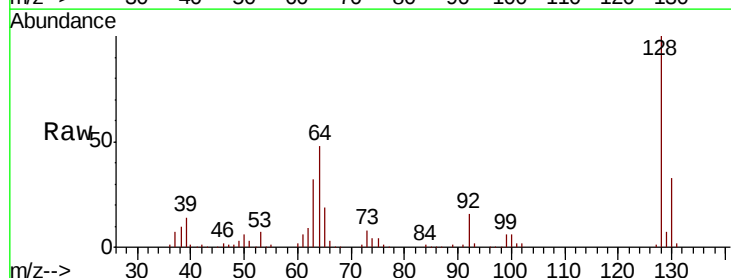


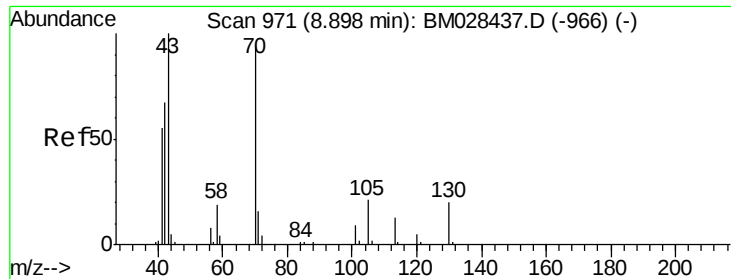
#10

2-Chlorophenol

Concen: 33.511 ng/ul
 RT: 7.64 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BM028448.D
 Acq: 19 Jan 2021 05:38

Tgt Ion: 128 Resp: 105819
 Ion Ratio Lower Upper
 128 100
 64 47.9 38.1 57.1
 130 33.2 26.2 39.4

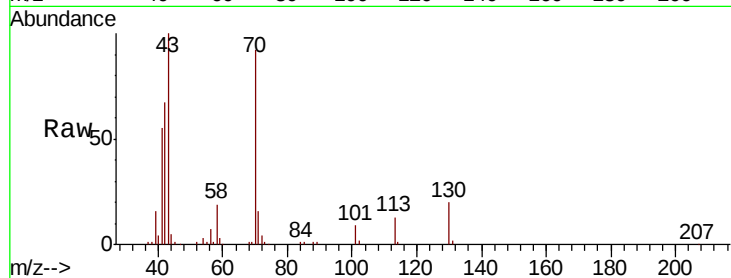




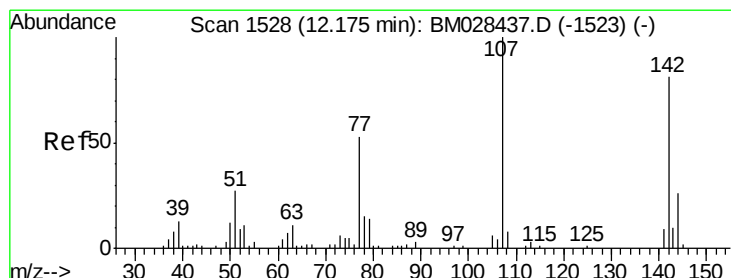
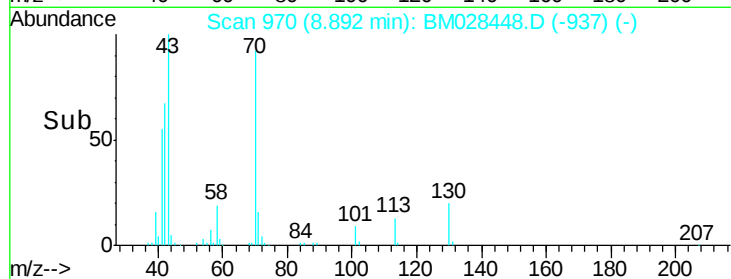
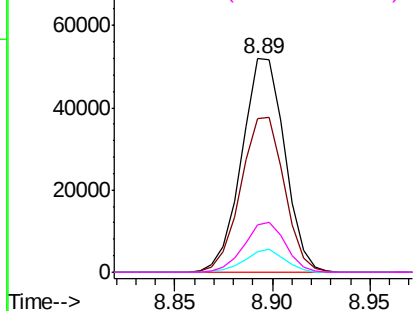
#15
N-Nitroso-di-n-propylamine
Concen: 36.359 ng/ul
RT: 8.89 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM028448.D
Acq: 19 Jan 2021 05:38

Instrument :
BNA_M
ClientSampleId :
SP5425

Tot Ion:	70	Resp:	79627
Ion	Ratio	Lower	Upper
70	100		
42	72.2	58.2	87.4
101	9.7	8.2	12.4
130	22.1	17.8	26.6

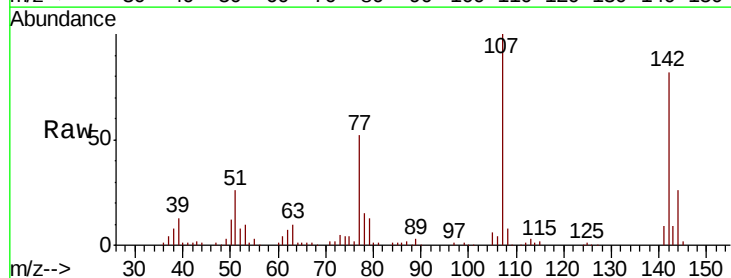


Abundance Ion 70.00 (69.70 to 70.70): BM028437.D (-966) (-)
Ion 42.00 (41.70 to 42.70): BM028437.D (-966) (-)
Ion 101.00 (100.70 to 101.70): BM028437.D (-966) (-)
Ion 130.00 (129.70 to 130.70): BM028437.D (-966) (-)

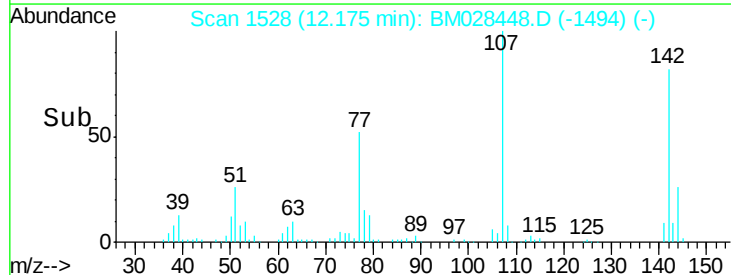
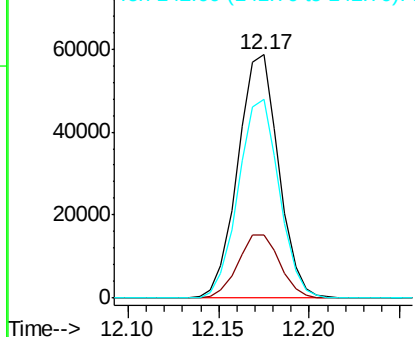


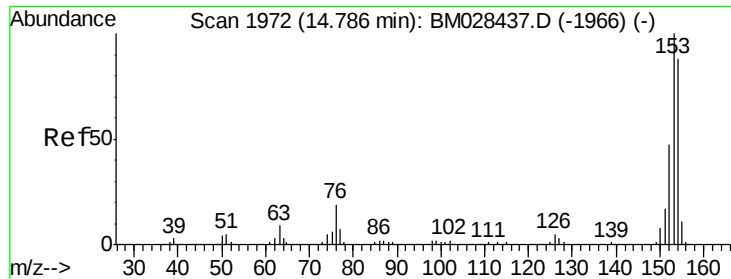
#33
4-Chloro-3-methylphenol
Concen: 33.953 ng/ul
RT: 12.17 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BM028448.D
Acq: 19 Jan 2021 05:38

Tgt Ion:	107	Resp:	91867
Ion	Ratio	Lower	Upper
107	100		
144	25.8	22.6	34.0
142	81.5	67.0	100.6



Abundance Ion 107.00 (106.70 to 107.70): BM028437.D (-1523) (-)
Ion 144.00 (143.70 to 144.70): BM028437.D (-1523) (-)
Ion 142.00 (141.70 to 142.70): BM028437.D (-1523) (-)





#50

Acenaphthene

Concen: 29.999 ng/ul

RT: 14.79 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BM028448.D

Acq: 19 Jan 2021 05:38

Instrument :

BNA_M

ClientSampleId :

SP5425

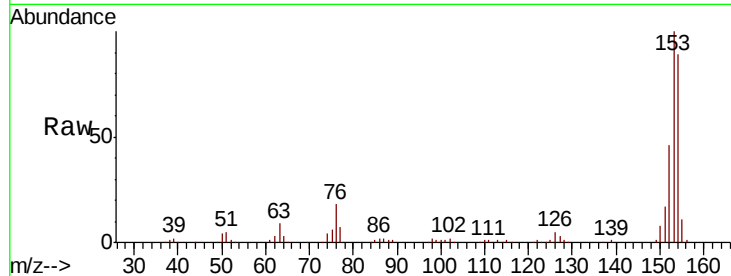
Tot Ion:153 Resp: 187639

Ion Ratio Lower Upper

153 100

152 46.0 37.0 55.6

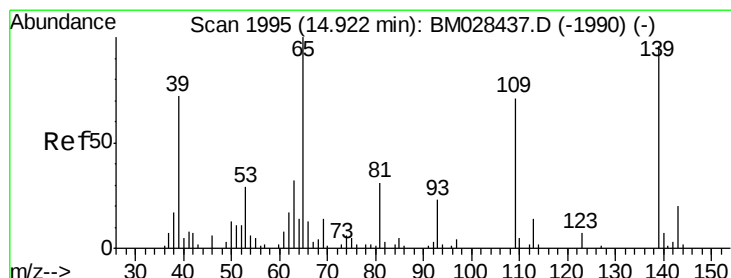
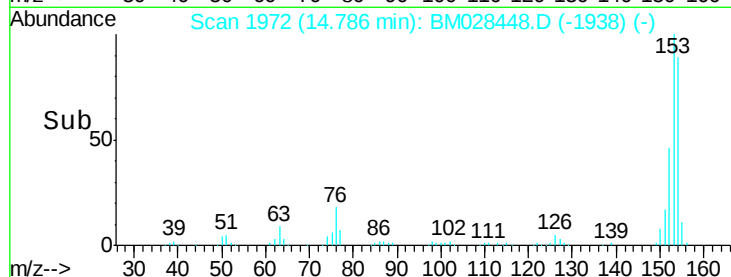
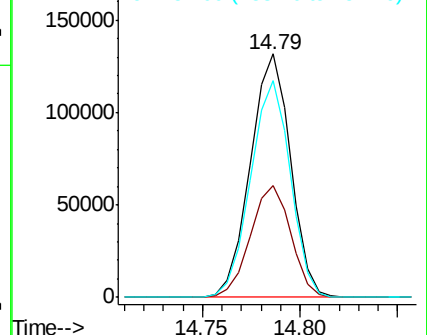
154 89.0 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 31.287 ng/ul

RT: 14.92 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BM028448.D

Acq: 19 Jan 2021 05:38

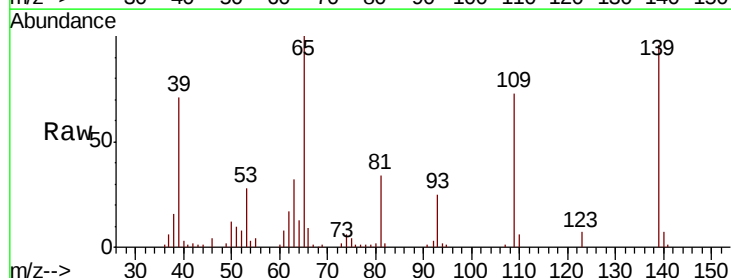
Tgt Ion:109 Resp: 30960

Ion Ratio Lower Upper

109 100

139 132.1 105.0 157.4

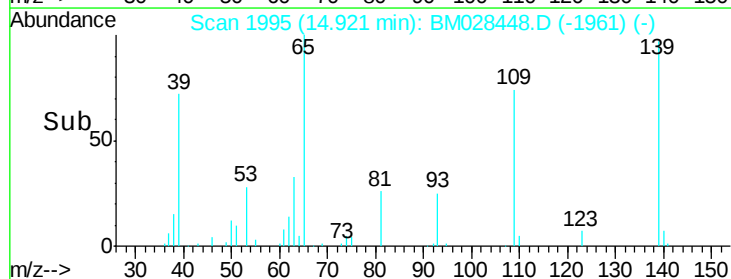
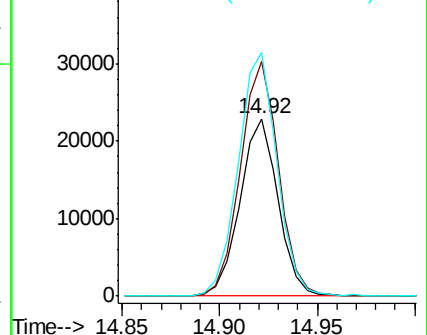
65 137.2 111.3 166.9

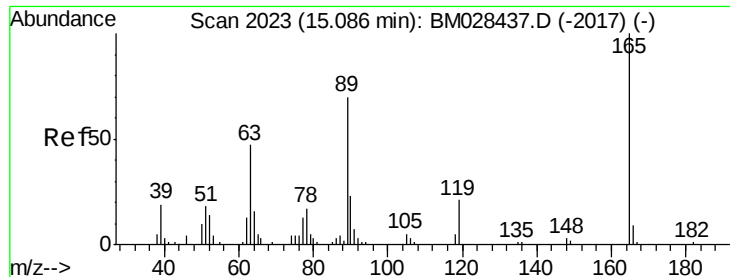


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

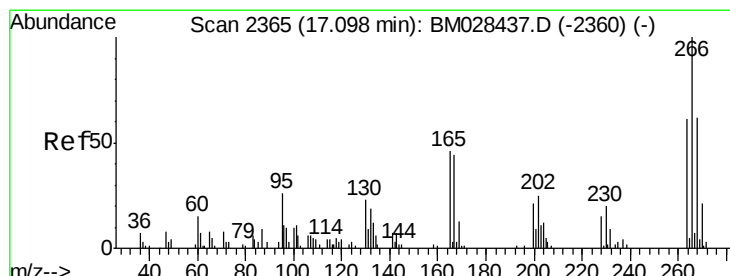
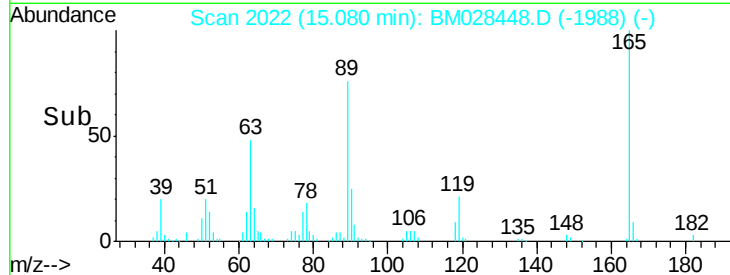
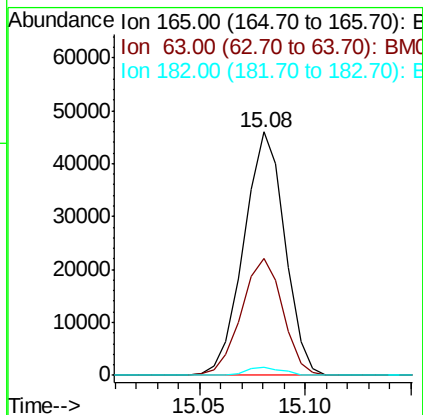
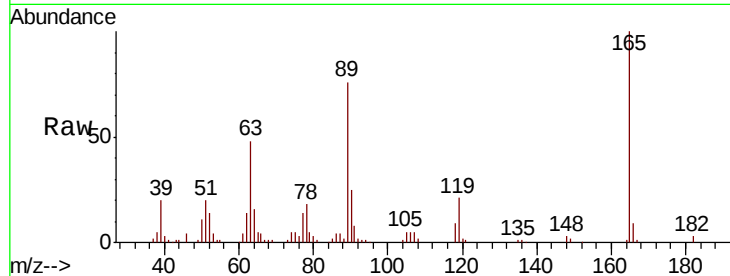




#55
 2,4-Dinitrotoluene
 Concen: 31.484 ng/ul
 RT: 15.08 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BM028448.D
 Acq: 19 Jan 2021 05:38

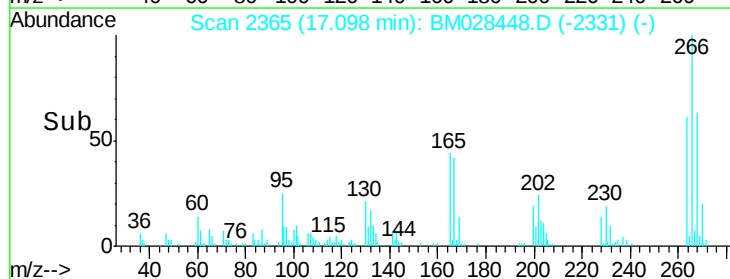
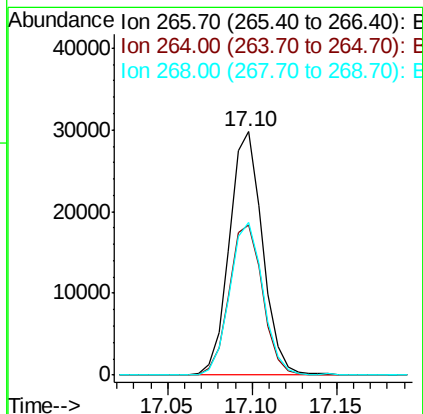
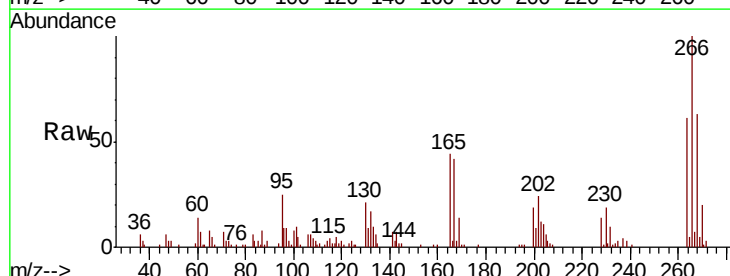
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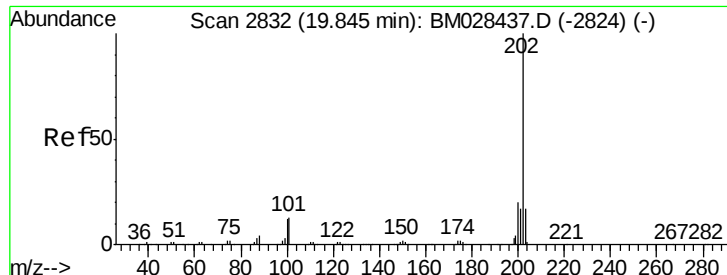
Tot Ion:165 Resp: 62069
 Ion Ratio Lower Upper
 165 100
 63 48.0 35.6 53.4
 182 3.1 2.2 3.2



#69
 Pentachlorophenol
 Concen: 31.765 ng/ul
 RT: 17.10 min Scan# 2365
 Delta R.T. -0.00 min
 Lab File: BM028448.D
 Acq: 19 Jan 2021 05:38

Tgt Ion:266 Resp: 40700
 Ion Ratio Lower Upper
 266 100
 264 61.5 51.5 77.3
 268 62.7 49.9 74.9





#80

Pvrene

Concen: 26.018 ng/ul

RT: 19.84 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM028448.D

Acq: 19 Jan 2021 05:38

Instrument :

BNA_M

ClientSampleId :

SP5425

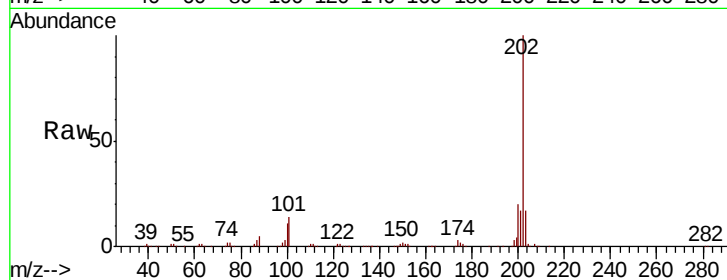
Tot Ion:202 Resp: 289218

Ion Ratio Lower Upper

202 100

101 13.7 10.6 15.8

100 11.4 8.9 13.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

