

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090820\
 Data File : BM027354.D
 Acq On : 08 Sep 2020 12:26
 Operator : JU/CG
 Sample : L3891-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW289MS

Quant Time: Sep 08 13:02:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 08 10:18:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	103520	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	417218	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	316953	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	783509	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	937221	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	982109	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	16016	6.88	ng/uL	0.00
5) Phenol-d5	6.75	99	48345	5.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	149803	26.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	142624	22.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	91355	13.13	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	88850	28.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	100579	29.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	183014	24.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	27883	3.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	799568	31.70	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	873218	30.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	22480	5.06	ng/ul	0.00
58) Fluorene-d10	15.21	176	697307	30.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	141983	28.32	ng/ul	0.00
71) Anthracene-d10	17.06	188	1287424	34.75	ng/ul	0.00
79) Pyrene-d10	19.36	212	1606789	38.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1792886	34.03	ng/ul	0.00

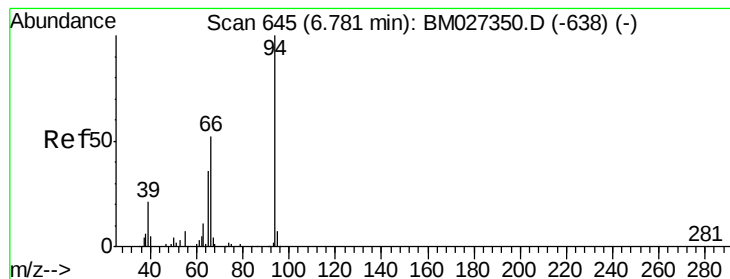
Target Compounds

					Ovalue
6) Phenol	6.78	94	56093	6.186	ng/ul 95
10) 2-Chlorophenol	7.14	128	142262	21.830	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.37	70	191835	28.704	ng/ul 99
33) 4-Chloro-3-methylphenol	11.63	107	189331	24.084	ng/ul 99
45) Dimethylphthalate	13.67	163	90985	3.423	ng/ul 100
50) Acenaphthene	14.27	153	567184	27.460	ng/ul 100
53) 4-Nitrophenol	14.43	109	28459	6.148	ng/ul 88
55) 2,4-Dinitrotoluene	14.58	165	250304	32.041	ng/ul 98
69) Pentachlorophenol	16.62	266	209459	31.084	ng/ul 97
80) Pyrene	19.39	202	1969953	34.745	ng/ul 100

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

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#6

Phenol

Concen: 6.186 ng/ul

RT: 6.78 min Scan# 645

Delta R.T. 0.00 min

Lab File: BM027354.D

Acq: 08 Sep 2020 12:26

Instrument :

BNA_M

ClientSampleId :

EW289MS

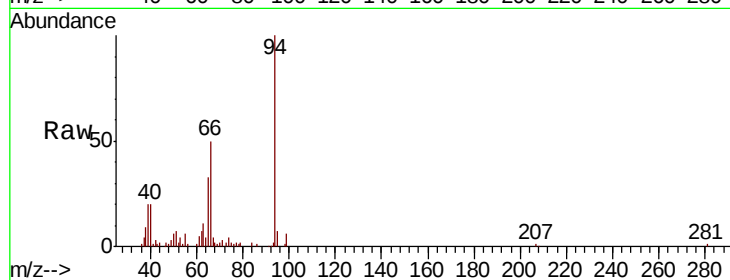
Tot Ion: 94 Resp: 56093

Ion Ratio Lower Upper

94 100

65 33.5 30.2 45.4

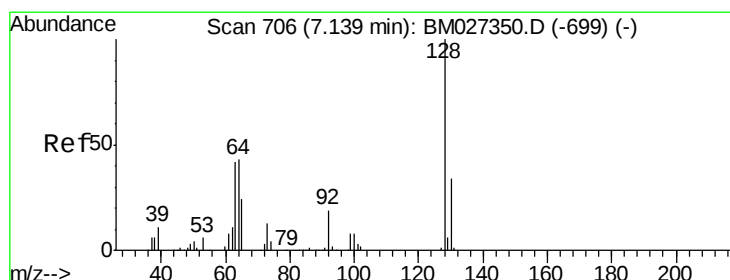
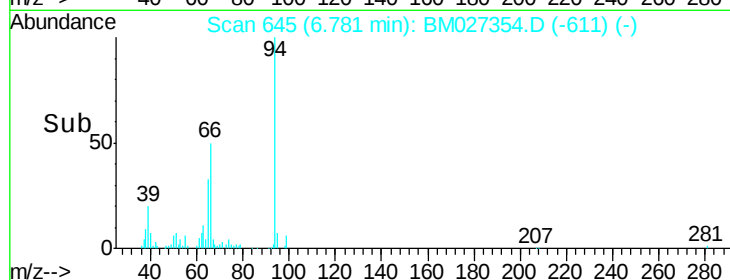
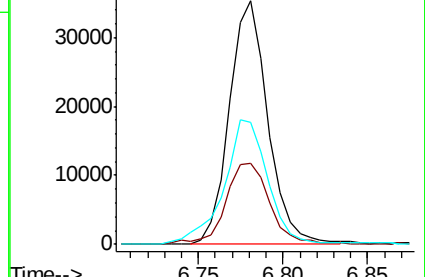
66 50.3 42.4 63.6



Abundance Ion 94.00 (93.70 to 94.70): BM027354.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM027354.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM027354.D (-638) (-)



#10

2-Chlorophenol

Concen: 21.830 ng/ul

RT: 7.14 min Scan# 706

Delta R.T. 0.00 min

Lab File: BM027354.D

Acq: 08 Sep 2020 12:26

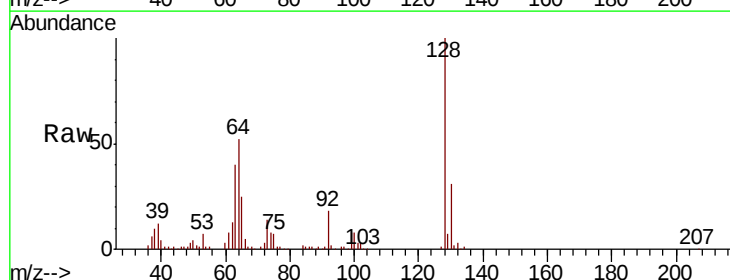
Tgt Ion: 128 Resp: 142262

Ion Ratio Lower Upper

128 100

64 51.6 41.1 61.7

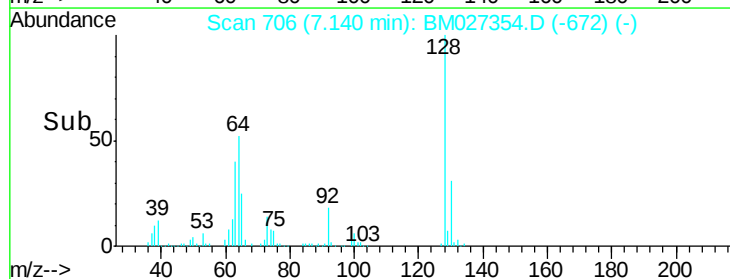
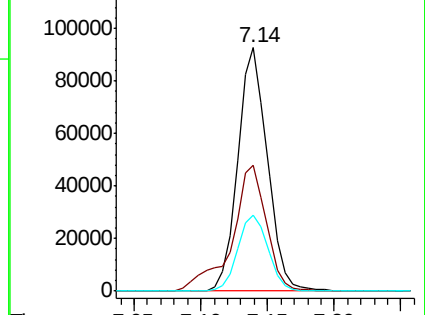
130 31.1 26.8 40.2

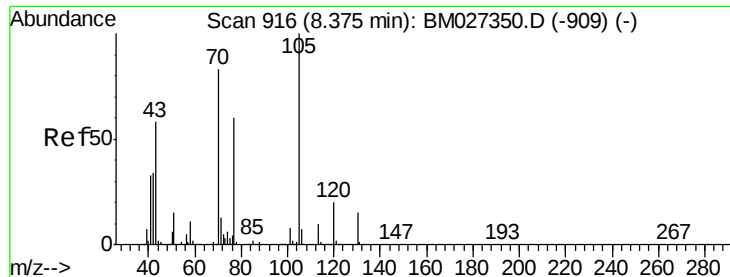


Abundance Ion 128.00 (127.70 to 128.70): BM027354.D (-699) (-)

Ion 64.00 (63.70 to 64.70): BM027354.D (-699) (-)

Ion 130.00 (129.70 to 130.70): BM027354.D (-699) (-)

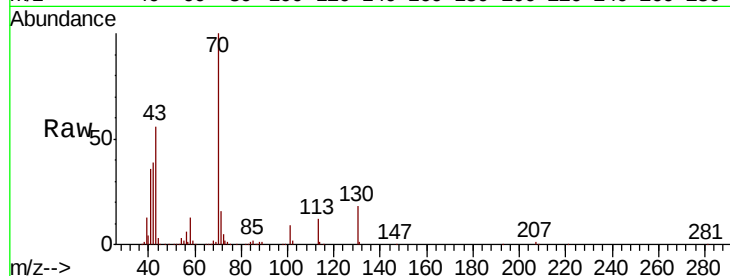




#15
N-Nitroso-di-n-propylamine
Concen: 28.704 ng/ul
RT: 8.37 min Scan# 916
Delta R.T. 0.00 min
Lab File: BM027354.D
Acq: 08 Sep 2020 12:26

Instrument :
BNA_M
ClientSampleId :
EW289MS

Tot Ion:	70	Resp:	191835
Ion	Ratio	Lower	Upper
70	100		
42	39.4	31.0	46.4
101	9.0	7.0	10.6
130	17.6	13.6	20.4

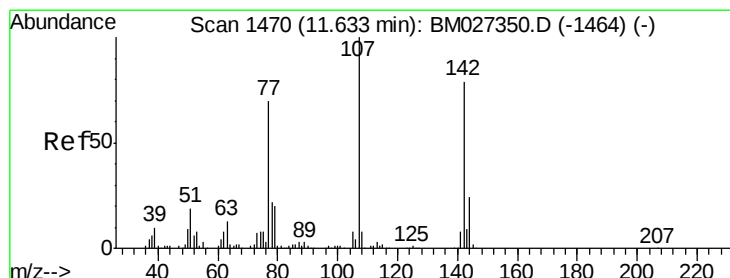
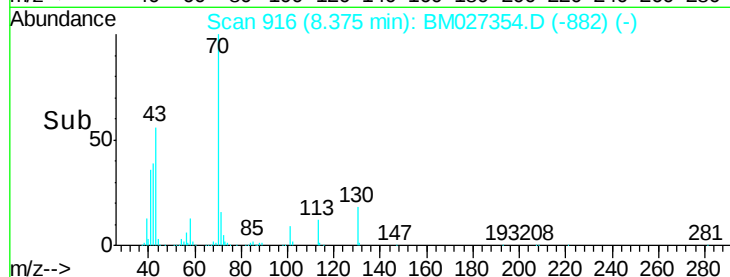
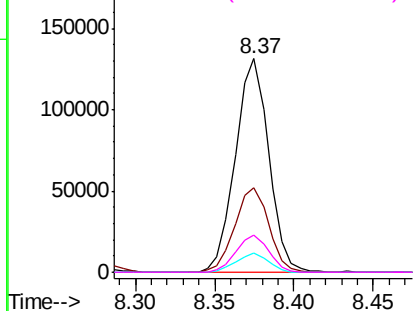


Abundance Ion 70.00 (69.70 to 70.70): BM027354.D (-882) (-)

Ion 42.00 (41.70 to 42.70): BM027354.D (-882) (-)

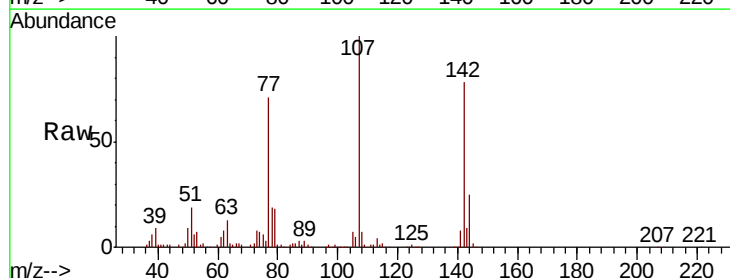
Ion 101.00 (100.70 to 101.70): BM027354.D (-882) (-)

Ion 130.00 (129.70 to 130.70): BM027354.D (-882) (-)



#33
4-Chloro-3-methylphenol
Concen: 24.084 ng/ul
RT: 11.63 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BM027354.D
Acq: 08 Sep 2020 12:26

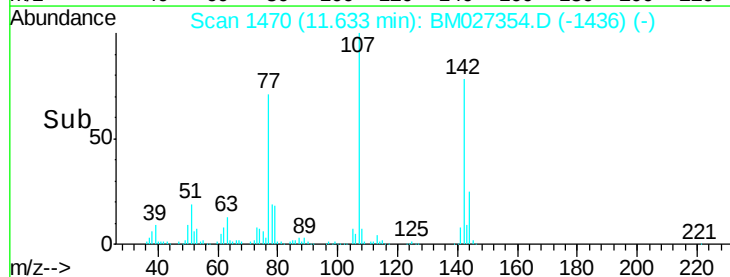
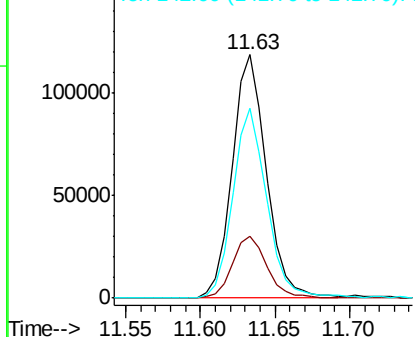
Tgt Ion:	107	Resp:	189331
Ion	Ratio	Lower	Upper
107	100		
144	25.2	19.7	29.5
142	77.8	62.0	93.0

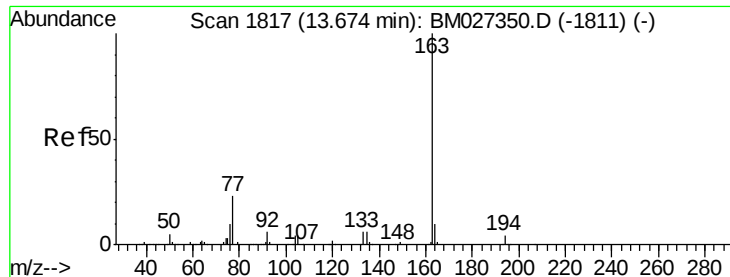


Abundance Ion 107.00 (106.70 to 107.70): BM027354.D (-1436) (-)

Ion 144.00 (143.70 to 144.70): BM027354.D (-1436) (-)

Ion 142.00 (141.70 to 142.70): BM027354.D (-1436) (-)

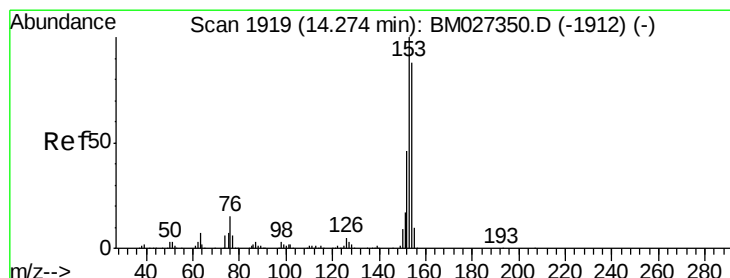
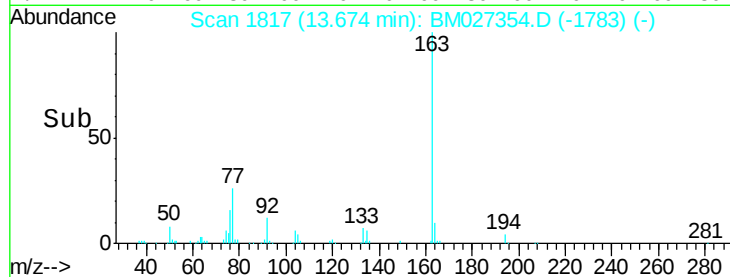
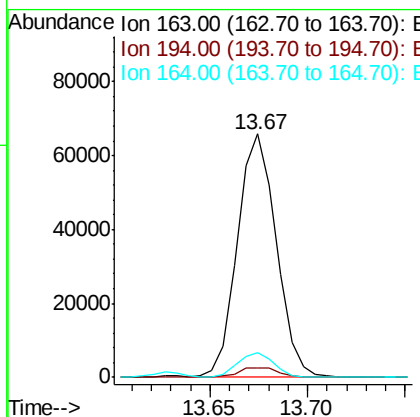
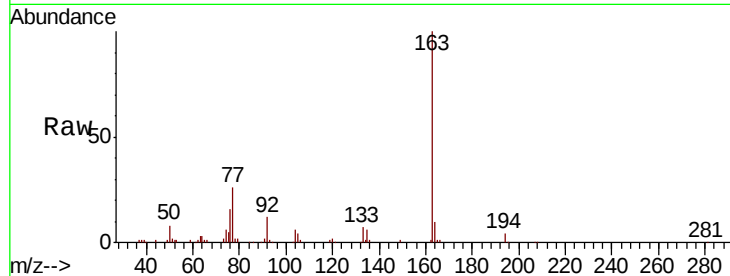




#45
Dimethylphthalate
Concen: 3.423 ng/ul
RT: 13.67 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BM027354.D
Acq: 08 Sep 2020 12:26

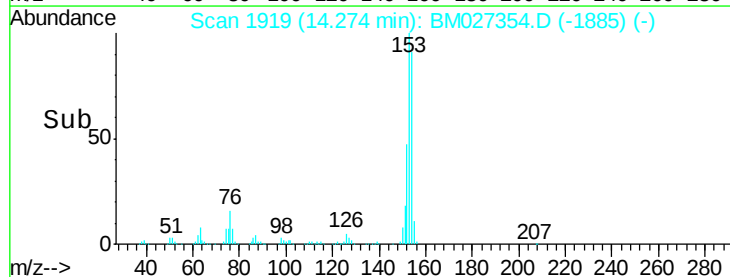
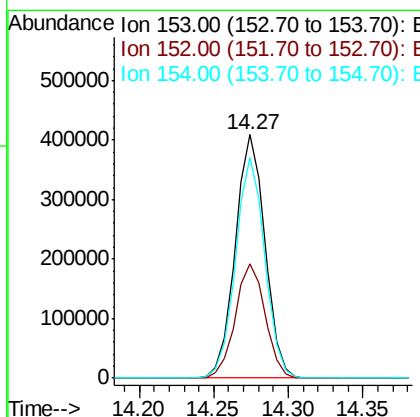
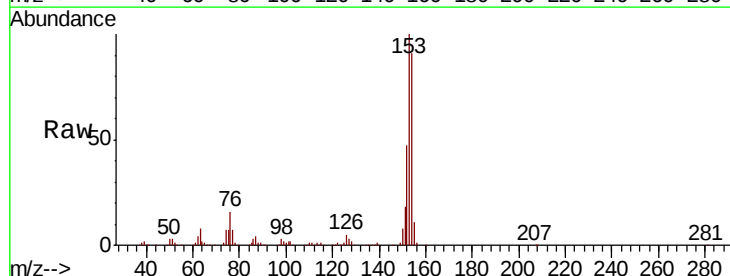
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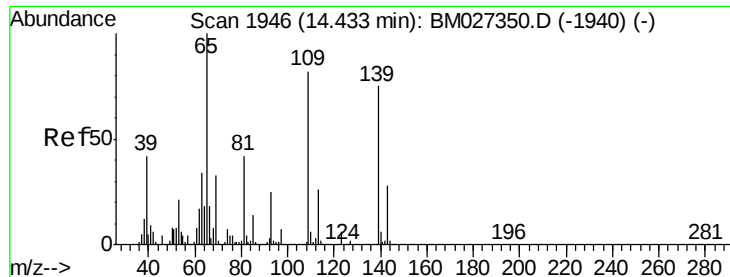
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.0	8.1	12.1



#50
Acenaphthene
Concen: 27.460 ng/ul
RT: 14.27 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM027354.D
Acq: 08 Sep 2020 12:26

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.1	57.1
154	90.8	72.5	108.7





#53

4-Nitrophenol

Concen: 6.148 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BM027354.D

Acq: 08 Sep 2020 12:26

Instrument :

BNA_M

ClientSampled :

EW289MS

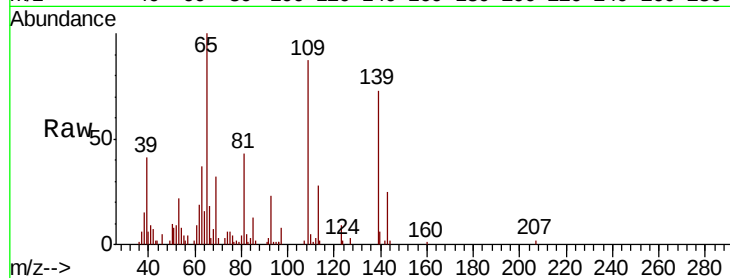
Tot Ion:109 Resp: 28459

Ion Ratio Lower Upper

109 100

139 83.0 80.8 121.2

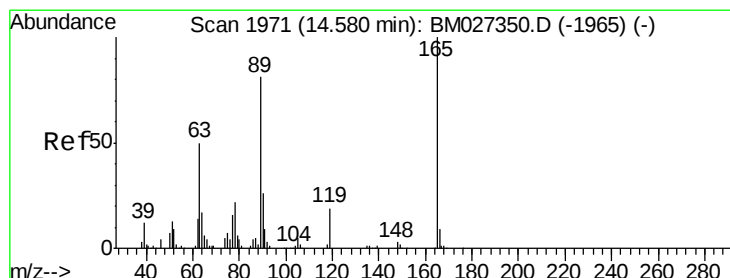
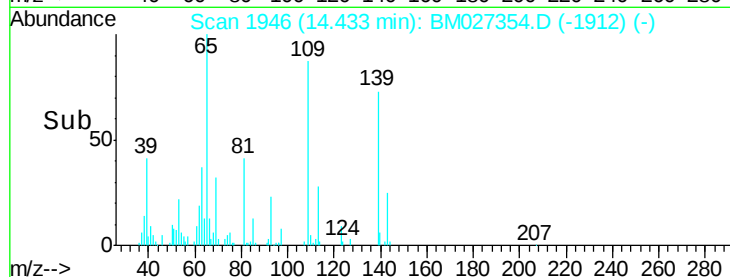
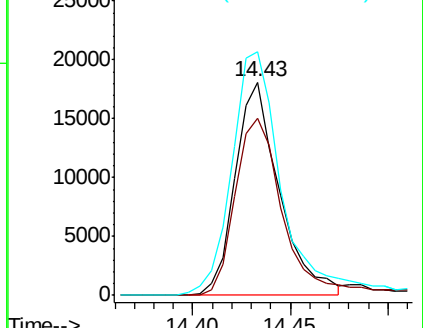
65 114.3 98.6 147.8



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): BM



#55

2,4-Dinitrotoluene

Concen: 32.041 ng/ul

RT: 14.58 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BM027354.D

Acq: 08 Sep 2020 12:26

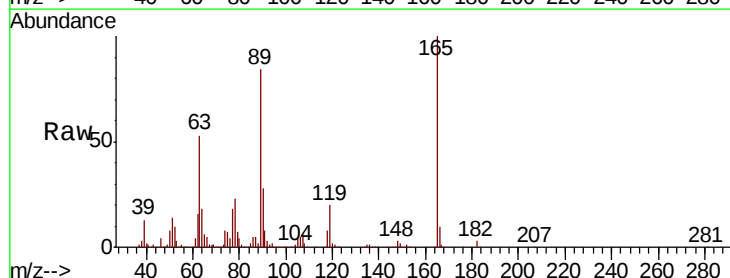
Tgt Ion:165 Resp: 250304

Ion Ratio Lower Upper

165 100

63 53.1 41.0 61.6

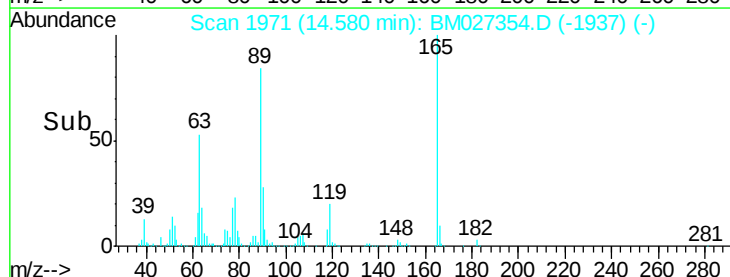
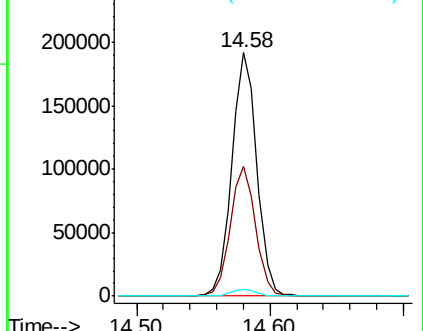
182 2.9 2.3 3.5

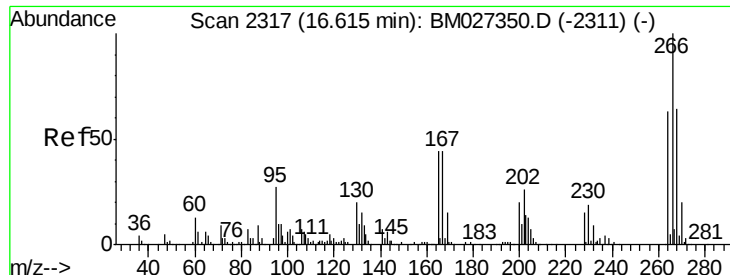


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 31.084 ng/ul

RT: 16.62 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BM027354.D

Acq: 08 Sep 2020 12:26

Instrument :

BNA_M

ClientSampleId :

EW289MS

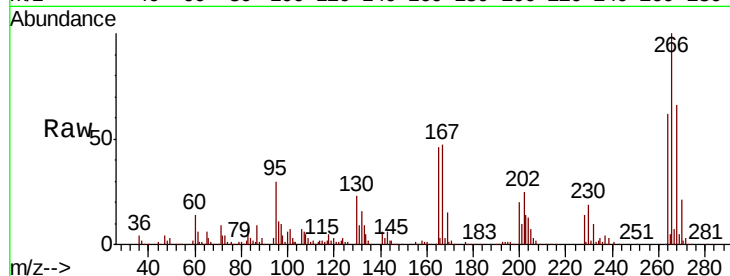
Tot Ion:266 Resp: 209459

Ion Ratio Lower Upper

266 100

264 62.1 50.0 75.0

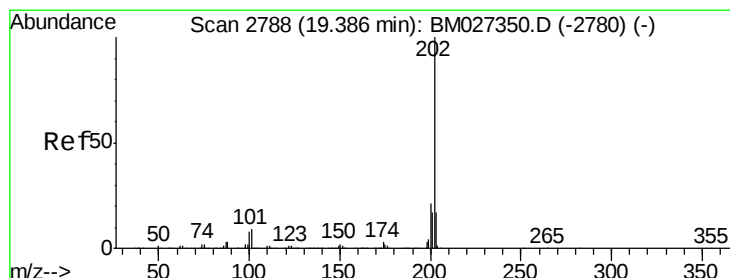
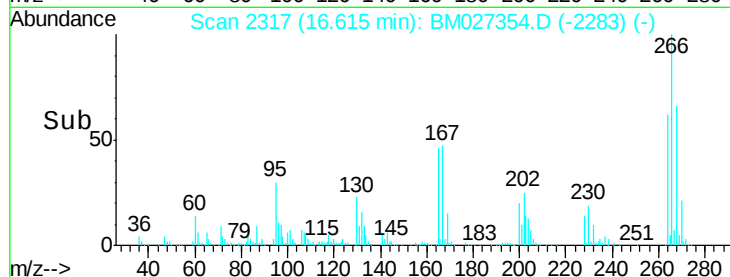
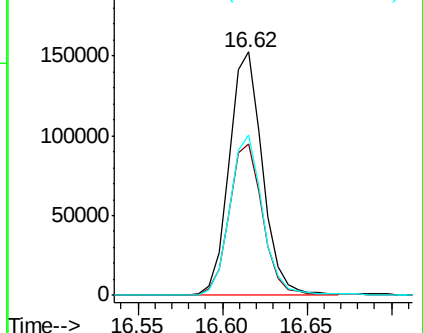
268 65.8 49.4 74.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#80

Pyrene

Concen: 34.745 ng/ul

RT: 19.39 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BM027354.D

Acq: 08 Sep 2020 12:26

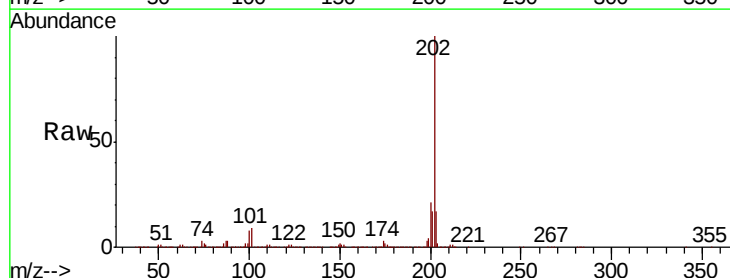
Tgt Ion:202 Resp: 1969953

Ion Ratio Lower Upper

202 100

101 8.9 7.1 10.7

100 7.6 6.1 9.1



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

