

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090820\
 Data File : BM027355.D
 Acq On : 08 Sep 2020 13:02
 Operator : JU/CG
 Sample : L3891-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW289MSD

Quant Time: Sep 08 13:33:16 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	109429	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	441236	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	337153	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	828686	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	991162	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1005495	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	16415	6.67	ng/uL	0.00
5) Phenol-d5	6.75	99	49828	5.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	164122	27.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	153126	23.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	95359	12.96	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	94791	28.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	107792	29.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	201069	25.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	27854	3.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	878911	32.76	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	951849	31.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	24063	5.09	ng/ul	0.00
58) Fluorene-d10	15.21	176	767054	31.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	159683	30.11	ng/ul	0.00
71) Anthracene-d10	17.06	188	1424578	36.35	ng/ul	0.00
79) Pyrene-d10	19.36	212	1802298	40.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	1993198	36.96	ng/ul	0.00

Target Compounds

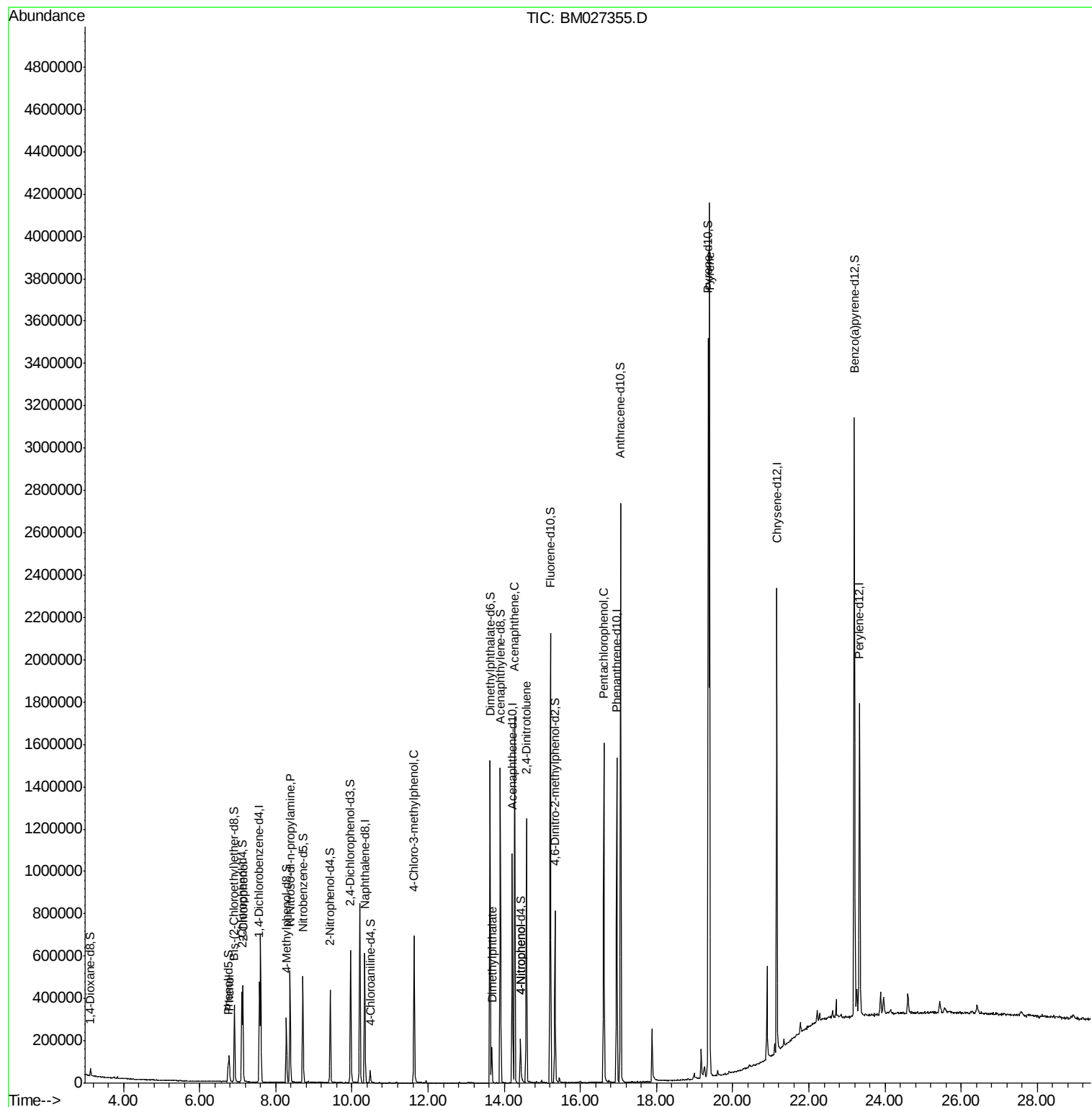
					Ovalue
6) Phenol	6.78	94	60843	6.347	ng/ul 98
10) 2-Chlorophenol	7.14	128	161325	23.419	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.37	70	217280	30.756	ng/ul 98
33) 4-Chloro-3-methylphenol	11.63	107	210155	25.278	ng/ul 98
45) Dimethylphthalate	13.67	163	91266	3.228	ng/ul 99
50) Acenaphthene	14.27	153	642495	29.243	ng/ul 98
53) 4-Nitrophenol	14.43	109	32131	6.526	ng/ul 93
55) 2,4-Dinitrotoluene	14.58	165	292385	35.186	ng/ul 96
69) Pentachlorophenol	16.62	266	250934	35.209	ng/ul 98
80) Pyrene	19.39	202	2322895	38.741	ng/ul 100

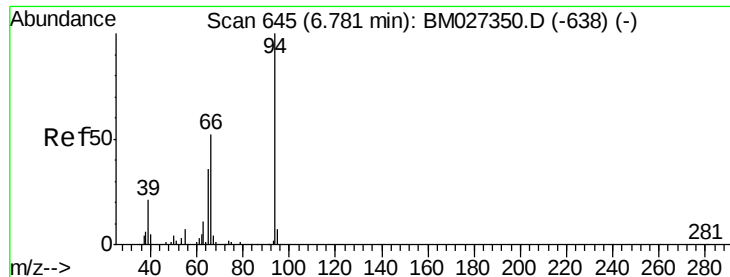
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.347 ng/ul

RT: 6.78 min Scan# 645

Delta R.T. 0.00 min

Lab File: BM027355.D

Acq: 08 Sep 2020 13:02

Instrument :

BNA_M

ClientSampleId :

EW289MSD

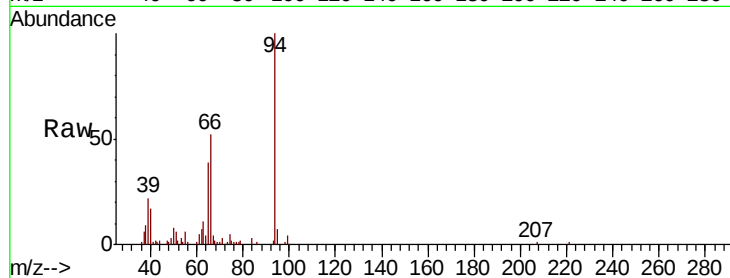
Tot Ion: 94 Resp: 60843

Ion Ratio Lower Upper

94 100

65 39.3 30.2 45.4

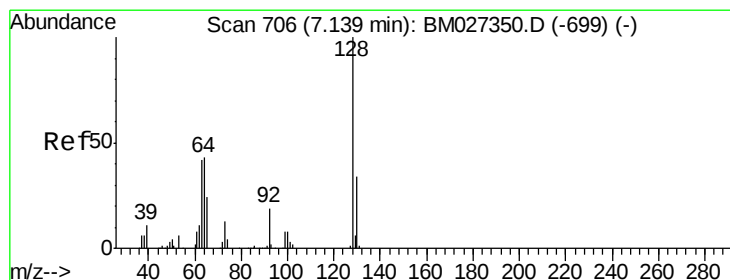
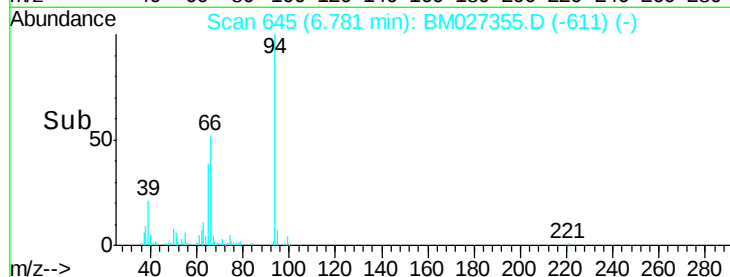
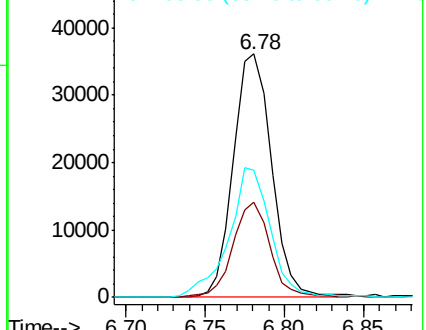
66 52.3 42.4 63.6



Abundance Ion 94.00 (93.70 to 94.70): BM027355.D (-611) (-)

Ion 65.00 (64.70 to 65.70): BM027355.D (-611) (-)

Ion 66.00 (65.70 to 66.70): BM027355.D (-611) (-)



#10

2-Chlorophenol

Concen: 23.419 ng/ul

RT: 7.14 min Scan# 706

Delta R.T. 0.00 min

Lab File: BM027355.D

Acq: 08 Sep 2020 13:02

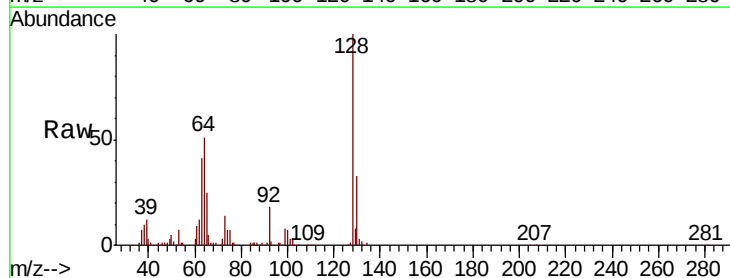
Tgt Ion: 128 Resp: 161325

Ion Ratio Lower Upper

128 100

64 50.8 41.1 61.7

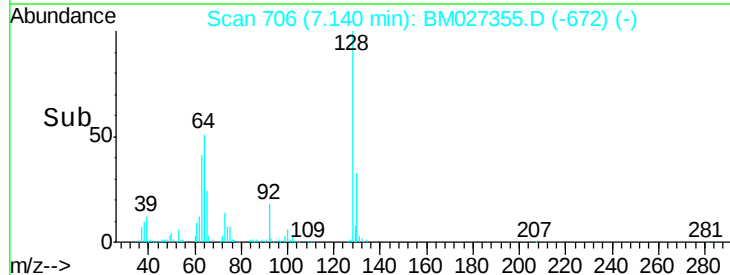
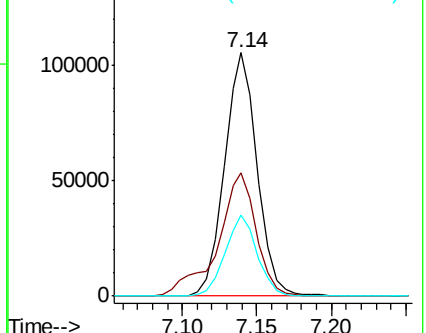
130 33.2 26.8 40.2

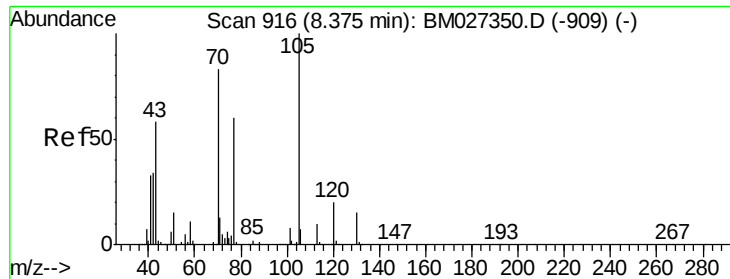


Abundance Ion 128.00 (127.70 to 128.70): BM027355.D (-672) (-)

Ion 64.00 (63.70 to 64.70): BM027355.D (-672) (-)

Ion 130.00 (129.70 to 130.70): BM027355.D (-672) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 30.756 ng/ul

RT: 8.37 min Scan# 916

Delta R.T. 0.00 min

Lab File: BM027355.D

Acq: 08 Sep 2020 13:02

Instrument :

BNA_M

ClientSampleId :

EW289MSD

Tot Ion: 70 Resp: 217280

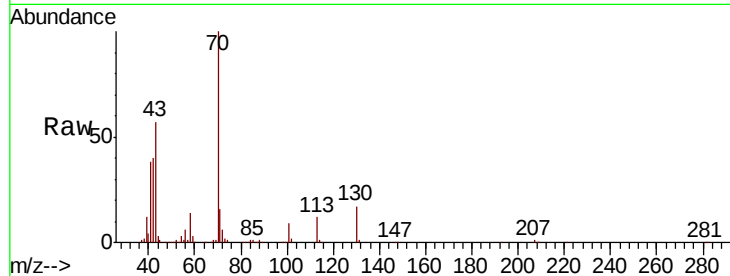
Ion Ratio Lower Upper

70 100

42 40.1 31.0 46.4

101 8.7 7.0 10.6

130 17.3 13.6 20.4

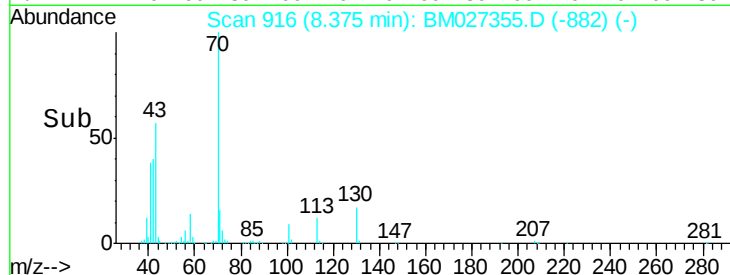


Abundance Ion 70.00 (69.70 to 70.70): BM0

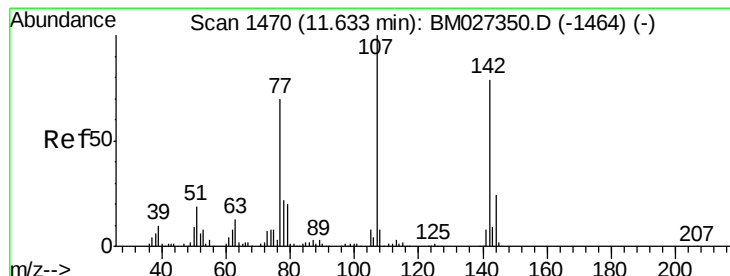
Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Time--> 8.30 8.35 8.40 8.45



#33

4-Chloro-3-methylphenol

Concen: 25.278 ng/ul

RT: 11.63 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BM027355.D

Acq: 08 Sep 2020 13:02

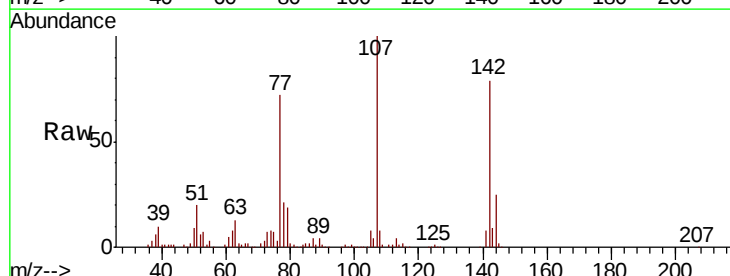
Tgt Ion:107 Resp: 210155

Ion Ratio Lower Upper

107 100

144 25.4 19.7 29.5

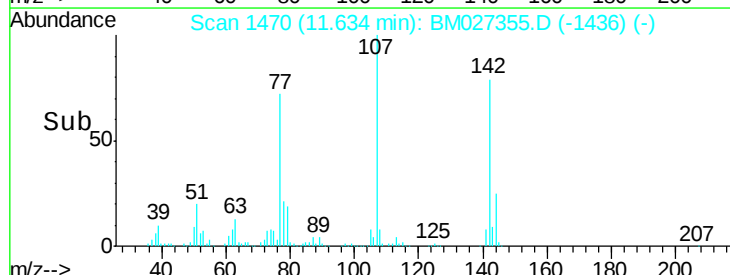
142 78.9 62.0 93.0



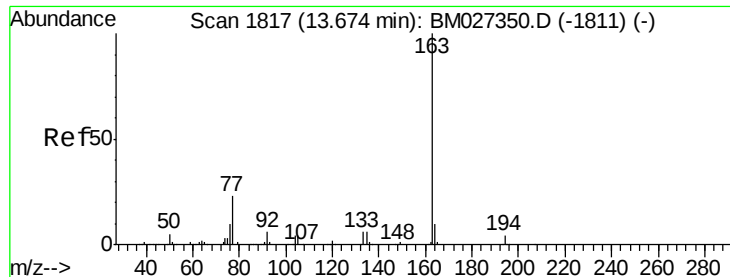
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time--> 11.55 11.60 11.65 11.70



#45

Dimethylphthalate

Concen: 3.228 ng/ul

RT: 13.67 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BM027355.D

Acq: 08 Sep 2020 13:02

Instrument :

BNA_M

ClientSampleId :

EW289MSD

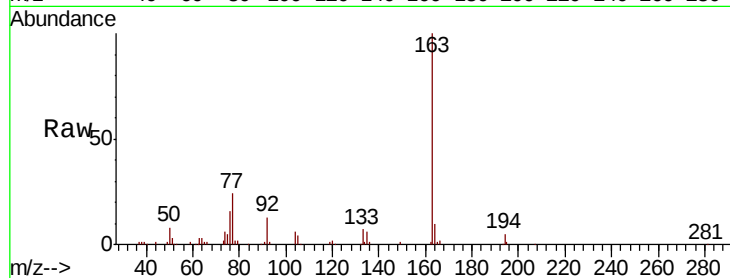
Tot Ion:163 Resp: 91266

Ion Ratio Lower Upper

163 100

194 4.7 3.3 4.9

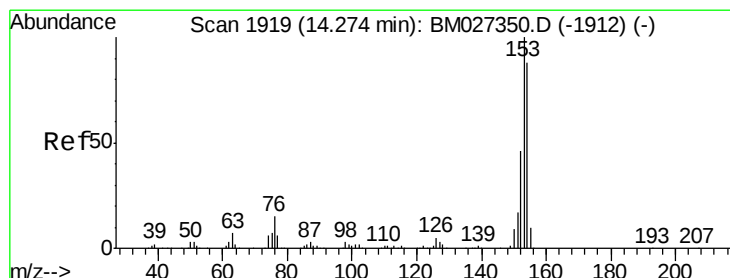
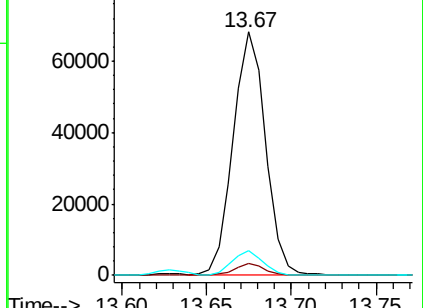
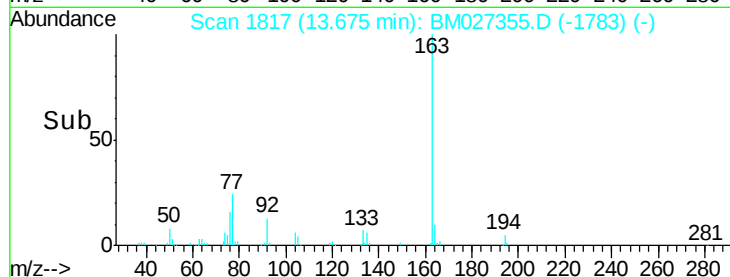
164 10.1 8.1 12.1



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



#50

Acenaphthene

Concen: 29.243 ng/ul

RT: 14.27 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BM027355.D

Acq: 08 Sep 2020 13:02

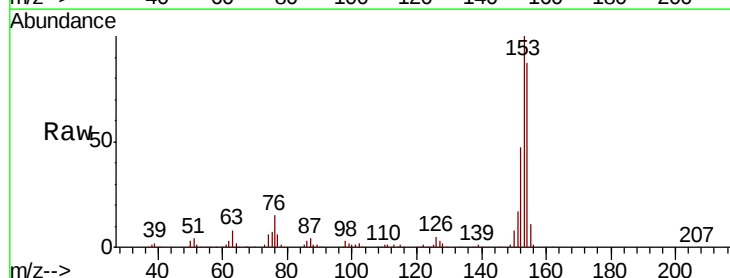
Tgt Ion:153 Resp: 642495

Ion Ratio Lower Upper

153 100

152 47.2 38.1 57.1

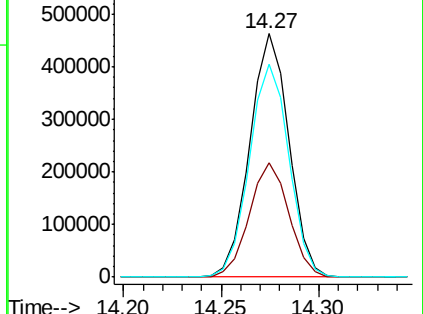
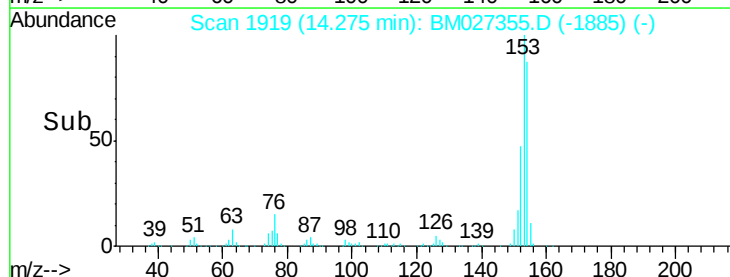
154 87.3 72.5 108.7

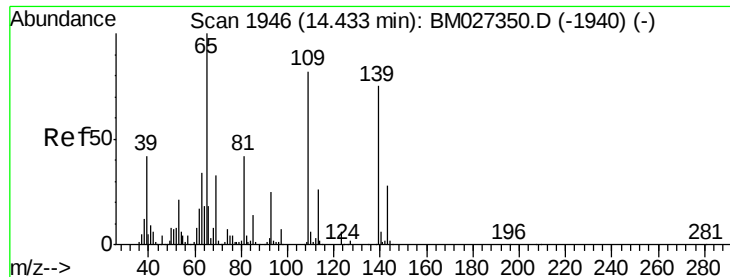


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 6.526 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BM027355.D

Acq: 08 Sep 2020 13:02

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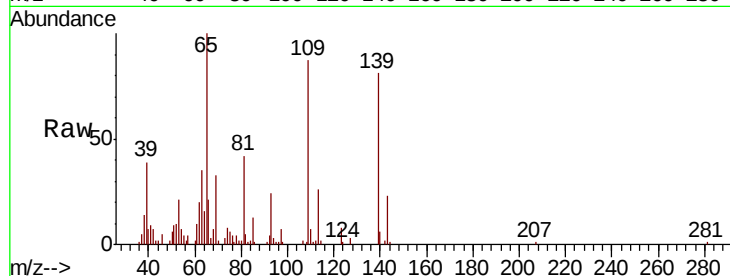
Tot Ion:109 Resp: 32131

Ion Ratio Lower Upper

109 100

139 93.3 80.8 121.2

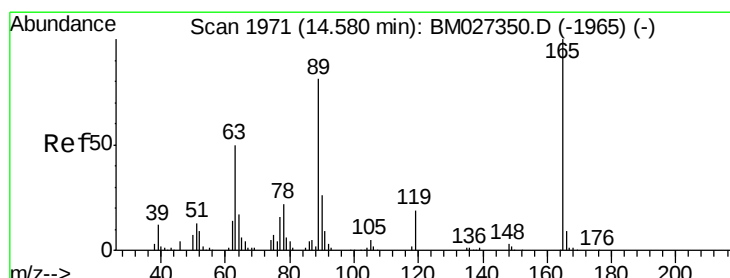
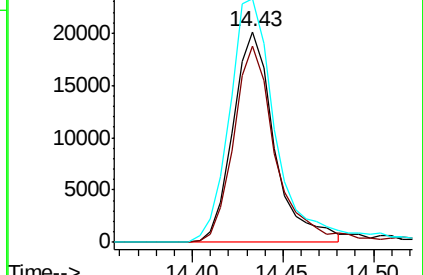
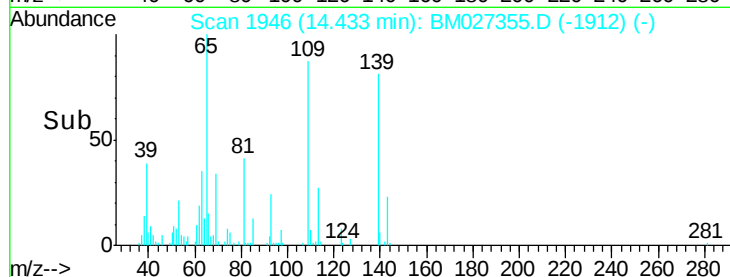
65 115.4 98.6 147.8



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: 35.186 ng/ul

RT: 14.58 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BM027355.D

Acq: 08 Sep 2020 13:02

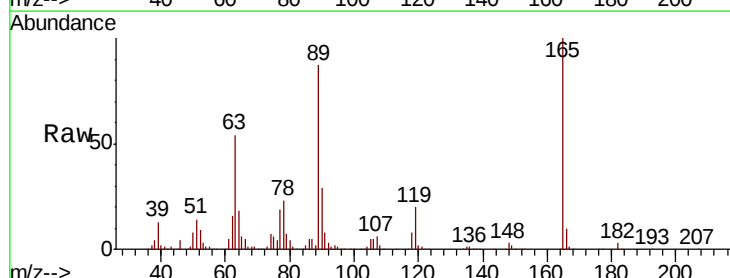
Tgt Ion:165 Resp: 292385

Ion Ratio Lower Upper

165 100

63 54.4 41.0 61.6

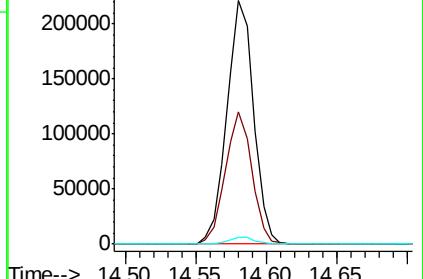
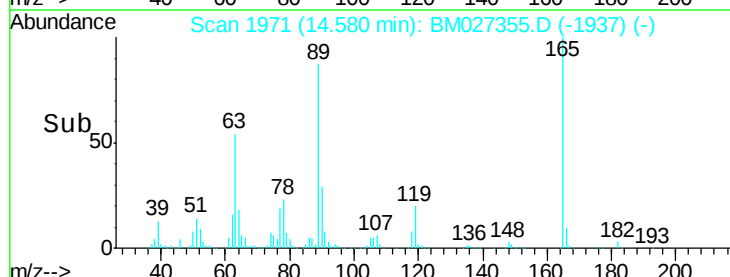
182 2.8 2.3 3.5

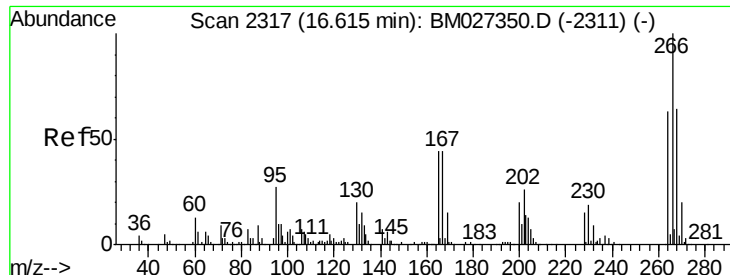


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 35.209 ng/ul

RT: 16.62 min Scan# 2317

Delta R.T. 0.00 min

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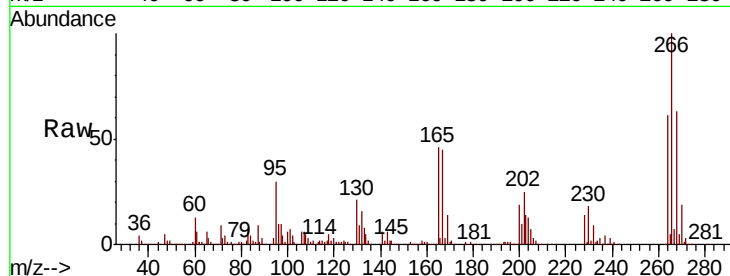
Tot Ion:266 Resp: 250934

Ion Ratio Lower Upper

266 100

264 61.1 50.0 75.0

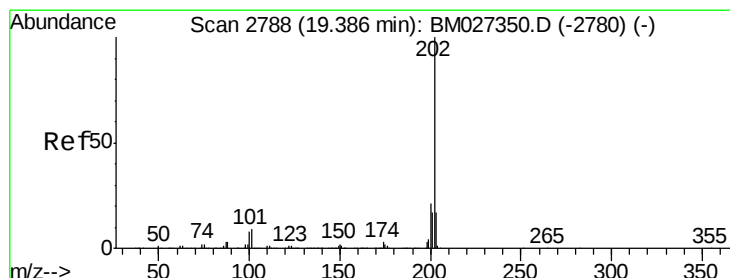
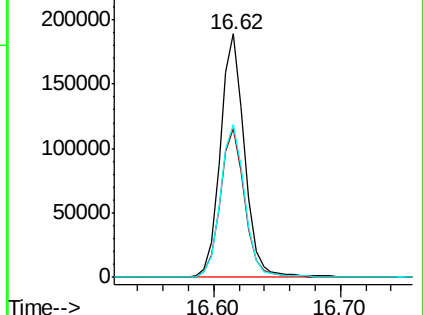
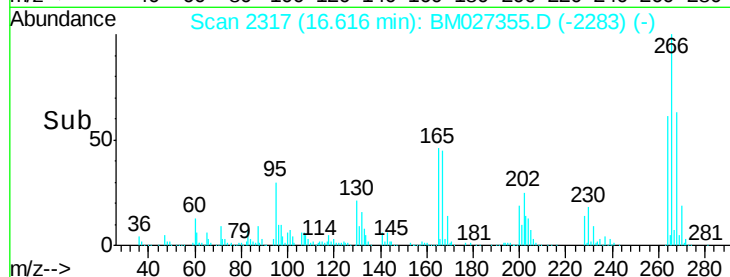
268 62.6 49.4 74.0



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: 38.741 ng/ul

RT: 19.39 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BM027355.D

Acq: 08 Sep 2020 13:02

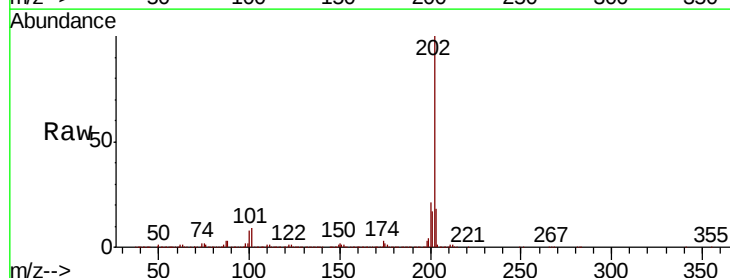
Tgt Ion:202 Resp: 2322895

Ion Ratio Lower Upper

202 100

101 9.1 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

