

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091920\
 Data File : BM027472.D
 Acq On : 18 Sep 2020 21:26
 Operator : JU/CG
 Sample : L4001-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETYP2MSD

Quant Time: Sep 19 00:31:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 19 00:24:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	100310	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	363715	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	239045	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	525687	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	509928	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	549001	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	14797	6.56	ng/uL	0.00
5) Phenol-d5	6.69	99	60330	7.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	167515	30.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	162653	26.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	100957	14.97	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	94776	34.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	105175	35.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	195539	30.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	26148	3.42	ng/ul	0.01
44) Dimethylphthalate-d6	13.57	166	711664	37.42	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	812919	37.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	14369	4.29	ng/ul	0.00
58) Fluorene-d10	15.14	176	612616	35.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	105979	31.50	ng/ul	0.00
71) Anthracene-d10	16.99	188	1020463	41.05	ng/ul	0.00
79) Pyrene-d10	19.30	212	1146767	50.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	1196855	40.64	ng/ul	0.00

Target Compounds

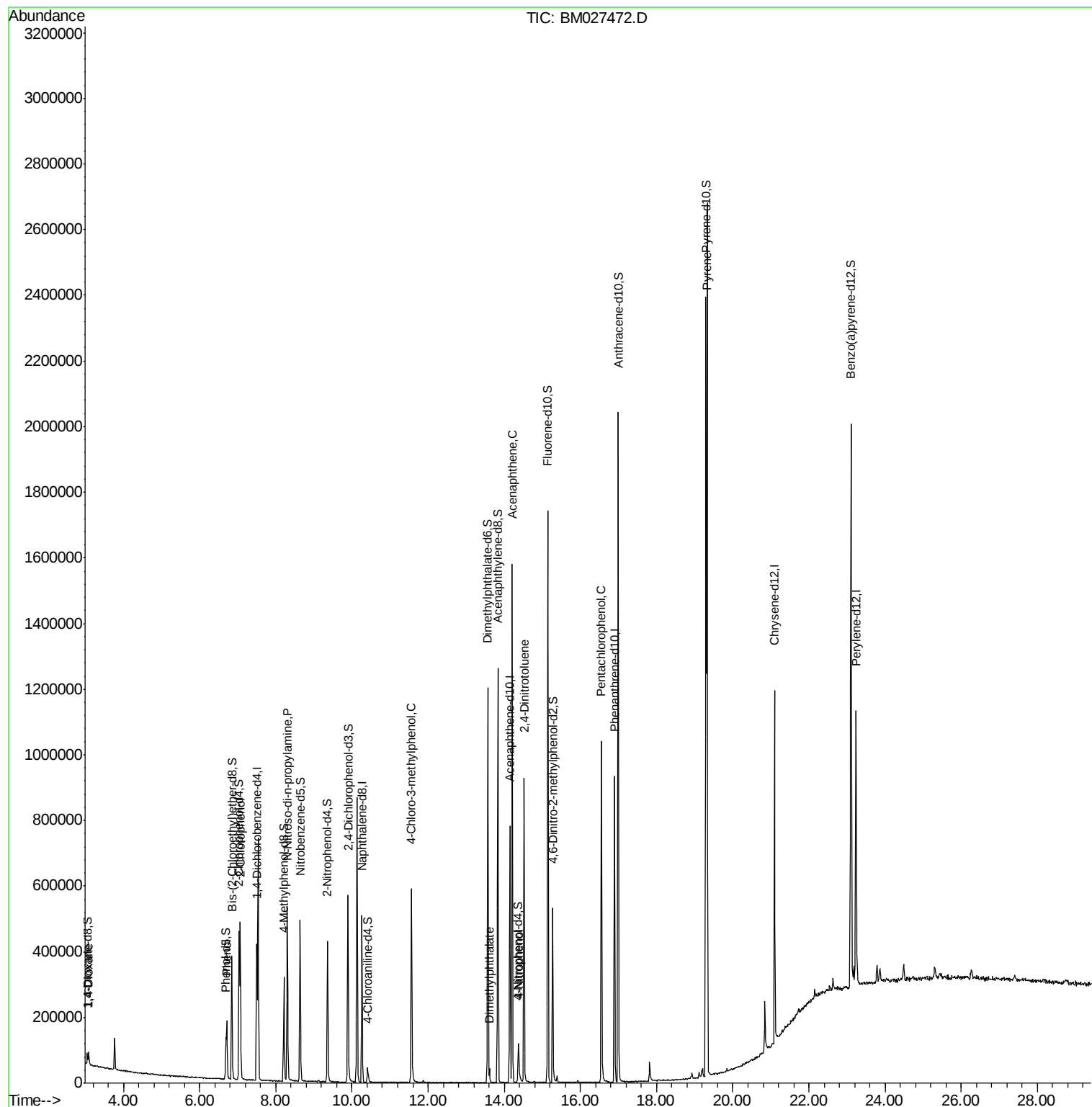
					Ovalue
2) 1,4-Dioxane	3.09	88	19508	7.230	ng/uL 95
6) Phenol	6.71	94	82155	9.349	ng/ul 99
10) 2-Chlorophenol	7.07	128	176512	27.953	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.30	70	219168	33.844	ng/ul 98
33) 4-Chloro-3-methylphenol	11.56	107	190337	27.774	ng/ul 97
45) Dimethylphthalate	13.62	163	23832	1.189	ng/ul 100
50) Acenaphthene	14.21	153	561496	36.045	ng/ul 98
53) 4-Nitrophenol	14.38	109	19704	5.644	ng/ul 92
55) 2,4-Dinitrotoluene	14.52	165	216397	36.729	ng/ul 98
69) Pentachlorophenol	16.55	266	168097	37.180	ng/ul 100
80) Pyrene	19.33	202	1500959	48.657	ng/ul 99

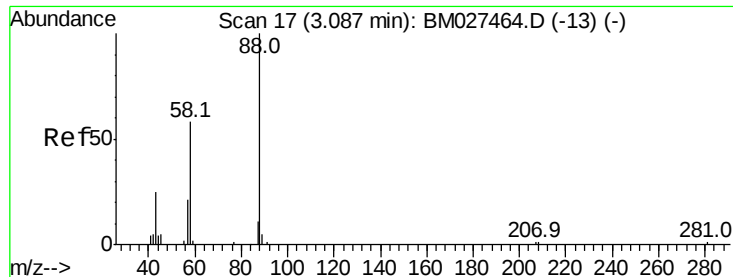
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 7.230 ng/uL

RT: 3.09 min Scan# 17

Delta R.T. -0.00 min

Lab File: BM027472.D

Acq: 18 Sep 2020 21:26

Instrument :

BNA_M

ClientSampleId :

ETYP2MSD

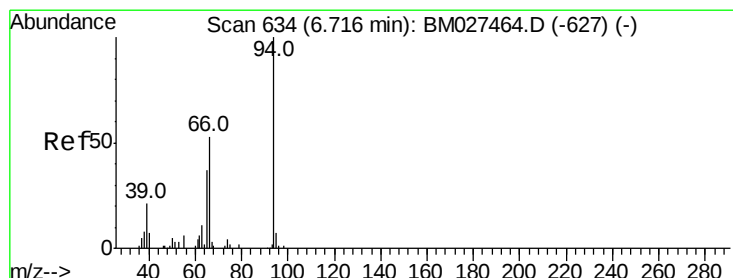
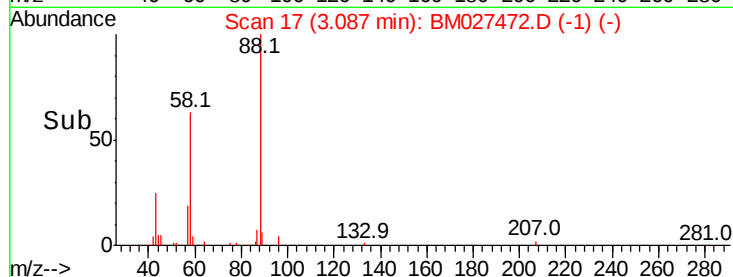
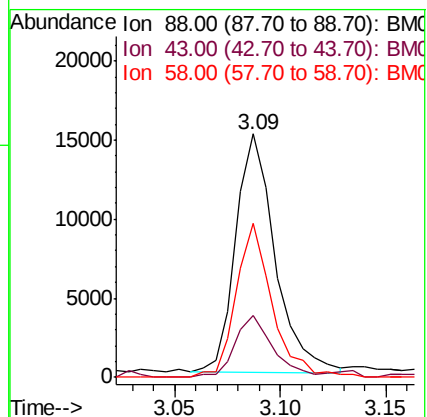
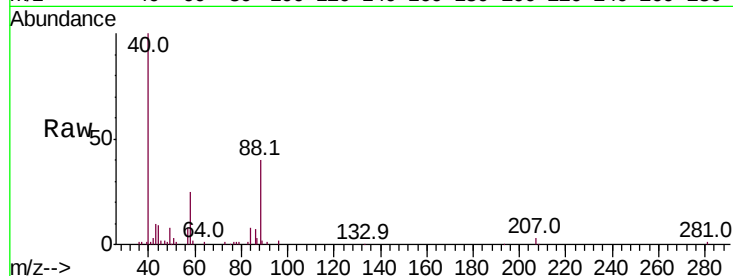
Tot Ion: 88 Resp: 19508

Ion Ratio Lower Upper

88 100

43 25.4 21.7 32.5

58 63.2 47.4 71.0



#6

Phenol

Concen: 9.349 ng/uL

RT: 6.71 min Scan# 633

Delta R.T. -0.01 min

Lab File: BM027472.D

Acq: 18 Sep 2020 21:26

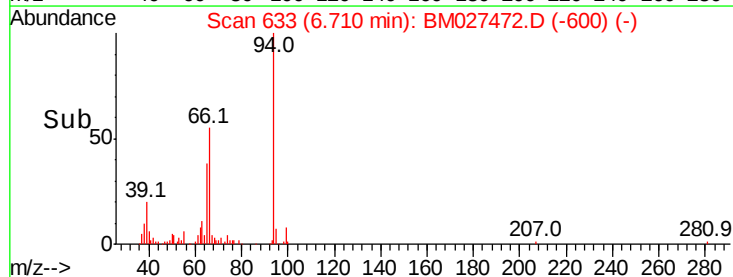
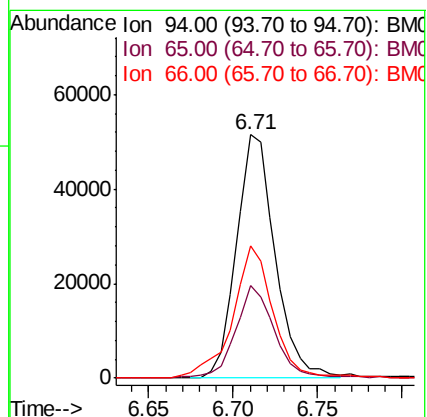
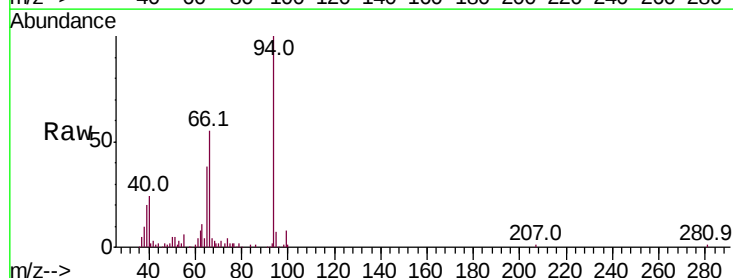
Tgt Ion: 94 Resp: 82155

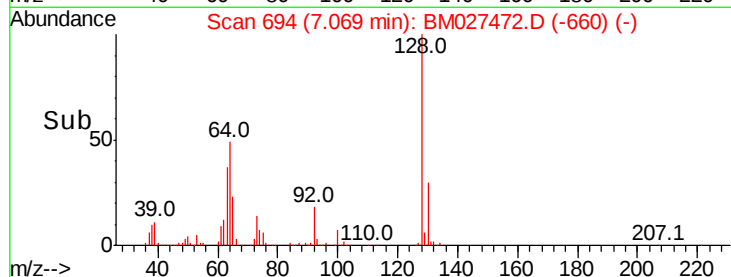
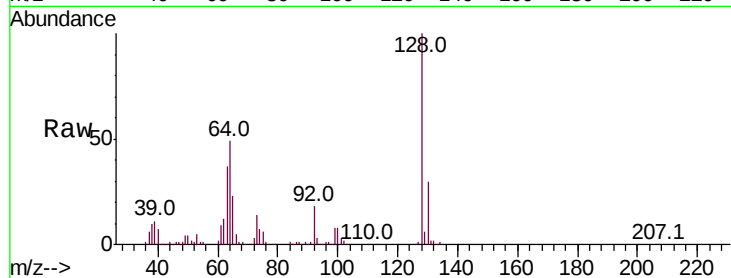
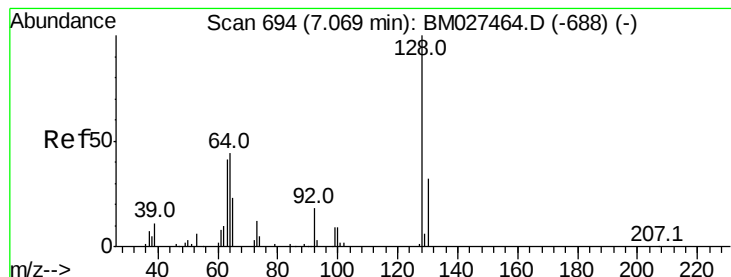
Ion Ratio Lower Upper

94 100

65 38.0 30.2 45.4

66 54.6 42.4 63.6





#10

2-Chlorophenol

Concen: 27.953 ng/ul

RT: 7.07 min Scan# 694

Delta R.T. -0.00 min

Lab File: BM027472.D

Acq: 18 Sep 2020 21:26

Instrument :

BNA_M

ClientSampleId :

ETYP2MSD

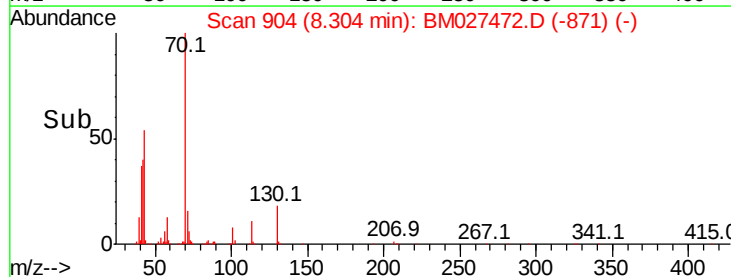
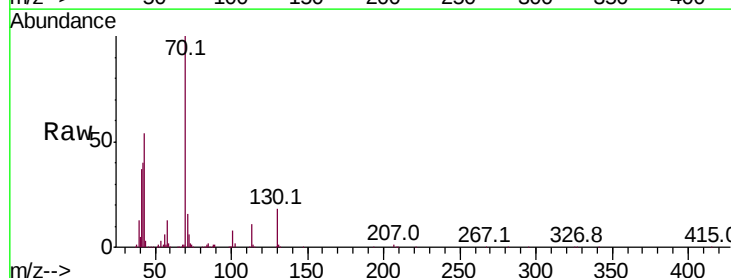
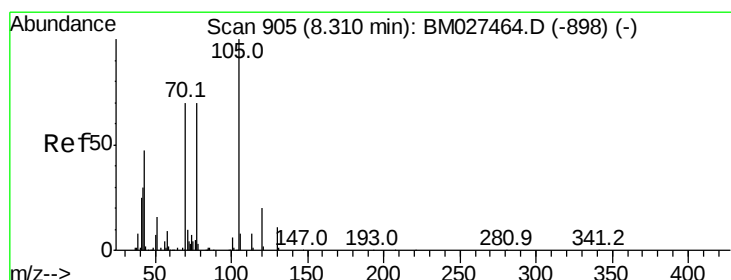
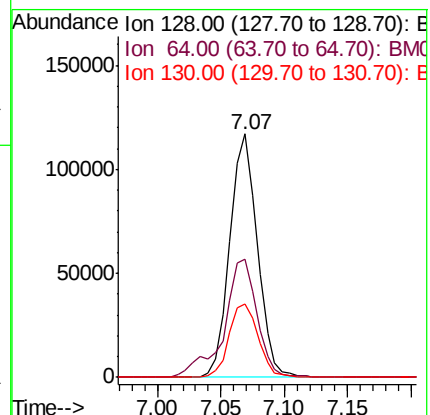
Tot Ion:128 Resp: 176512

Ion Ratio Lower Upper

128 100

64 48.6 41.1 61.7

130 30.4 26.8 40.2



#15

N-Nitroso-di-n-propylamine

Concen: 33.844 ng/ul

RT: 8.30 min Scan# 904

Delta R.T. -0.01 min

Lab File: BM027472.D

Acq: 18 Sep 2020 21:26

Tgt Ion: 70 Resp: 219168

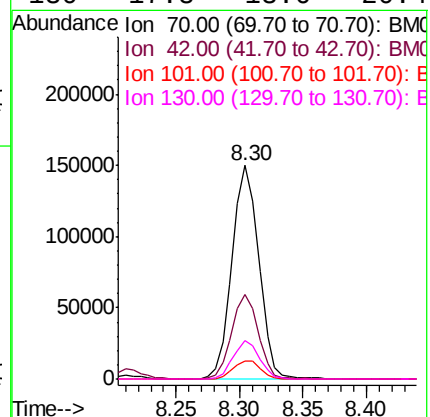
Ion Ratio Lower Upper

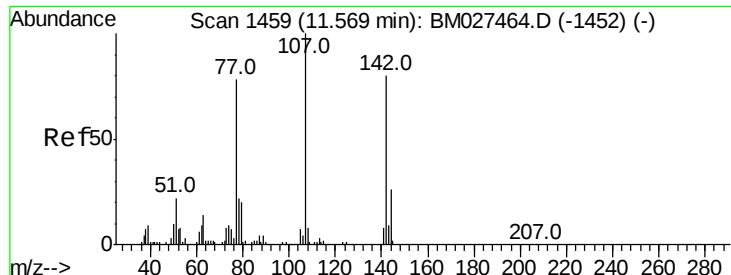
70 100

42 39.8 31.0 46.4

101 8.4 7.0 10.6

130 17.8 13.6 20.4





#33

4-Chloro-3-methylphenol

Concen: 27.774 ng/ul

RT: 11.56 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BM027472.D

Acq: 18 Sep 2020 21:26

Instrument :

BNA_M

ClientSampleId :

ETYP2MSD

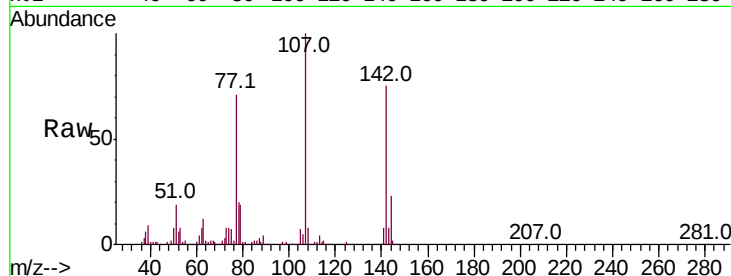
Tot Ion:107 Resp: 190337

Ion Ratio Lower Upper

107 100

144 23.5 19.7 29.5

142 74.6 62.0 93.0

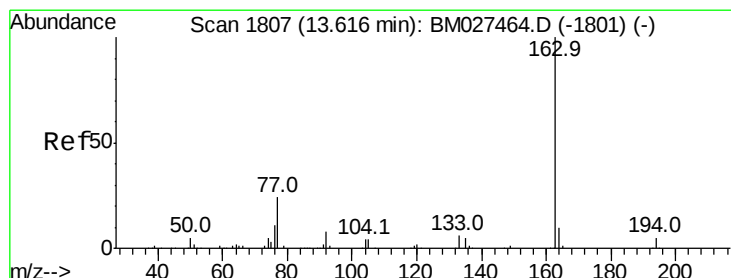
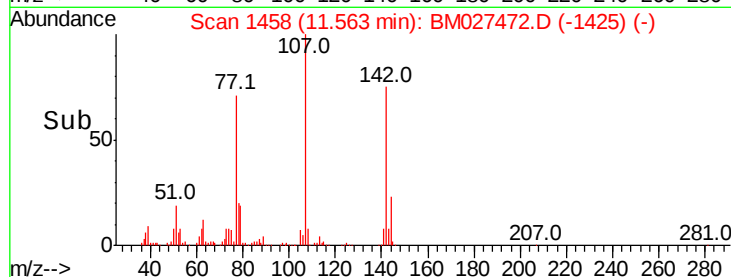
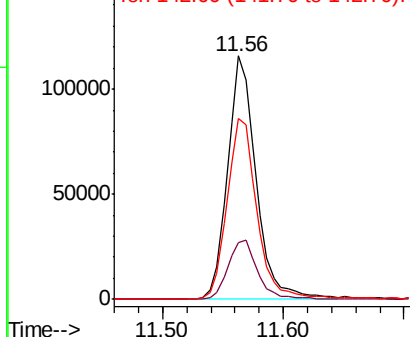


Abundance

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



#45

Dimethylphthalate

Concen: 1.189 ng/ul

RT: 13.62 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BM027472.D

Acq: 18 Sep 2020 21:26

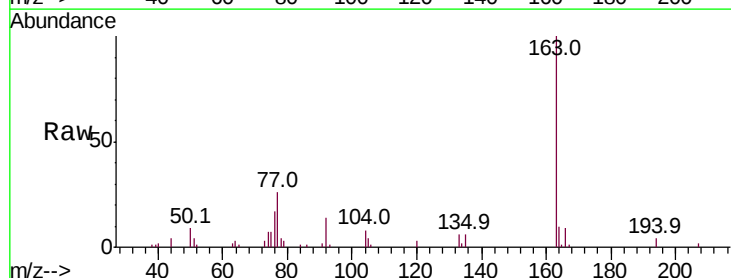
Tgt Ion:163 Resp: 23832

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.2 8.1 12.1

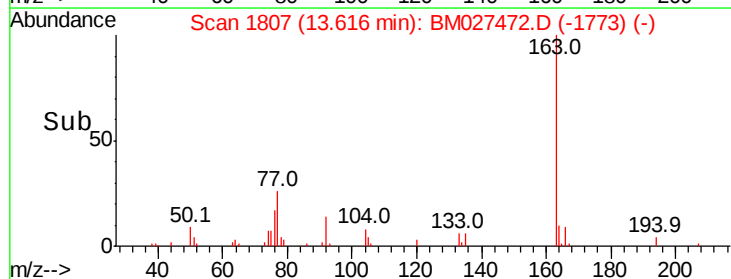
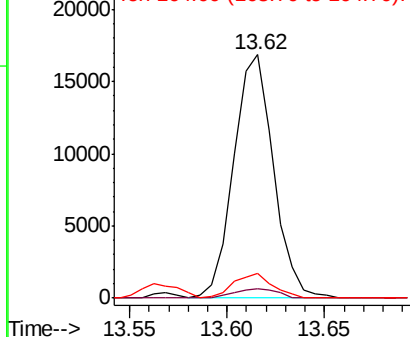


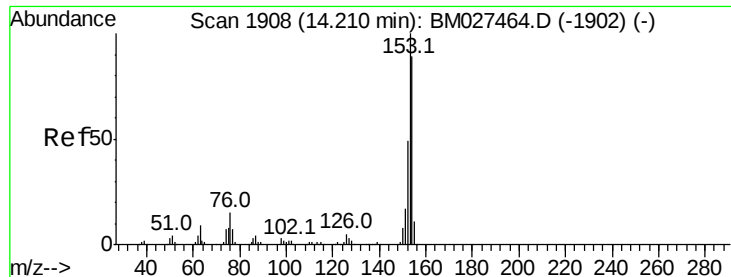
Abundance

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: 36.045 ng/ul

RT: 14.21 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BM027472.D

Acq: 18 Sep 2020 21:26

Instrument :

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ETYP2MSD

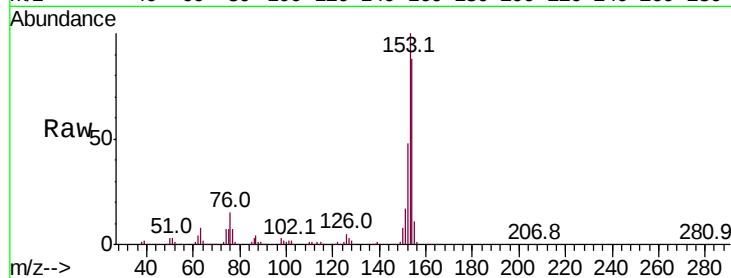
Tot Ion:153 Resp: 561496

Ion Ratio Lower Upper

153 100

152 47.7 38.1 57.1

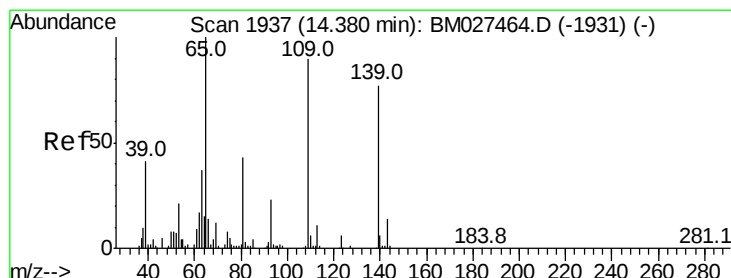
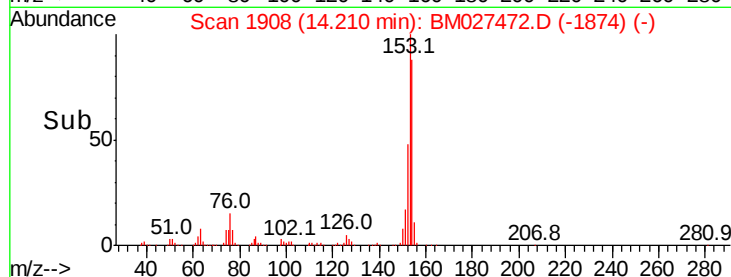
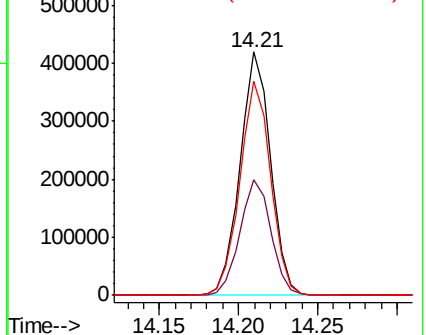
154 88.1 72.5 108.7



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: 5.644 ng/ul

RT: 14.38 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BM027472.D

Acq: 18 Sep 2020 21:26

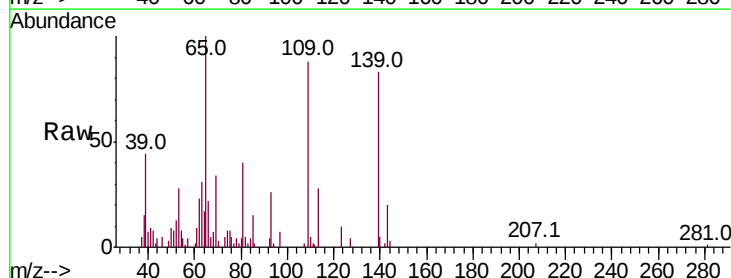
Tgt Ion:109 Resp: 19704

Ion Ratio Lower Upper

109 100

139 94.0 80.8 121.2

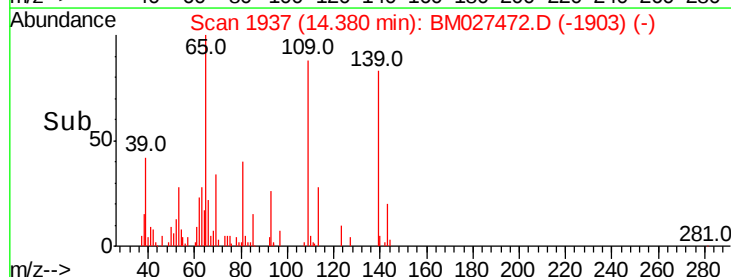
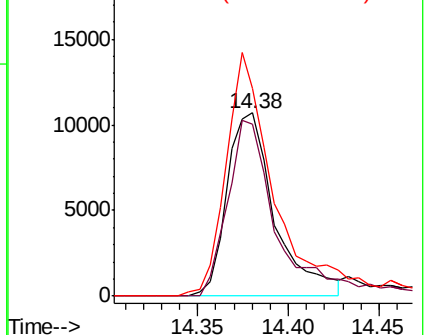
65 113.7 98.6 147.8

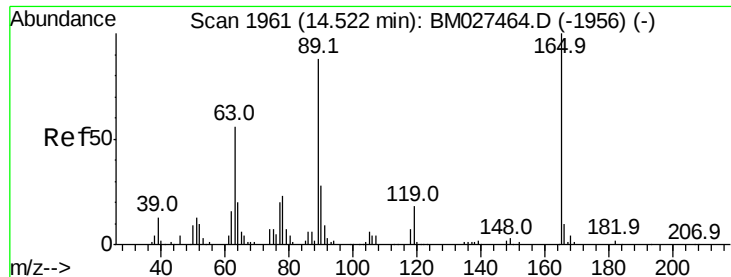


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

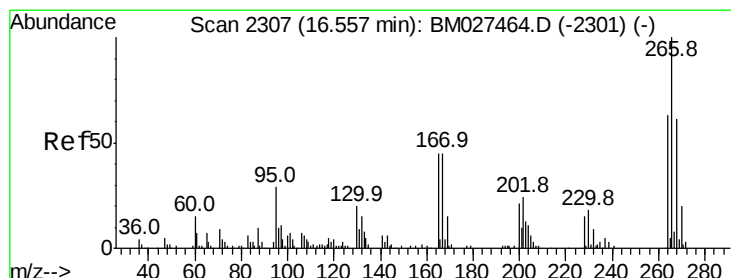
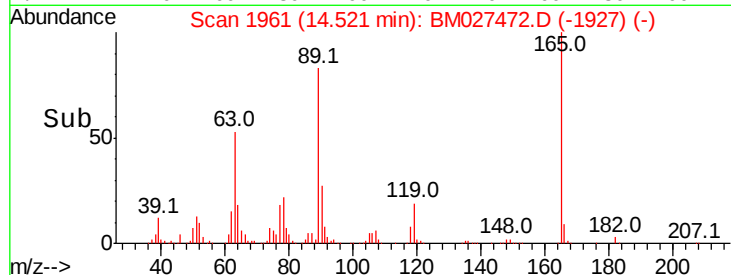
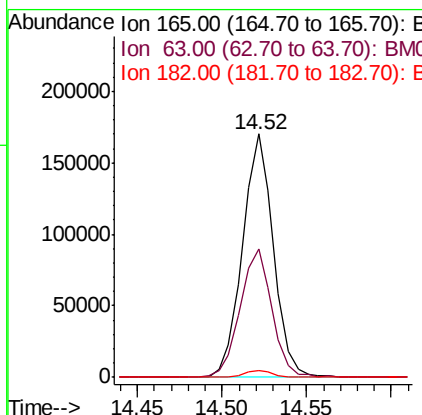
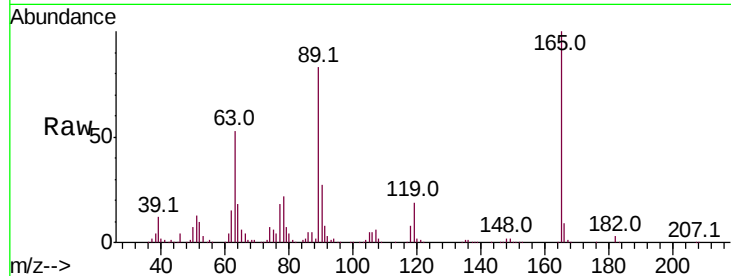




#55
 2,4-Dinitrotoluene
 Concen: 36.729 ng/ul
 RT: 14.52 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BM027472.D
 Acq: 18 Sep 2020 21:26

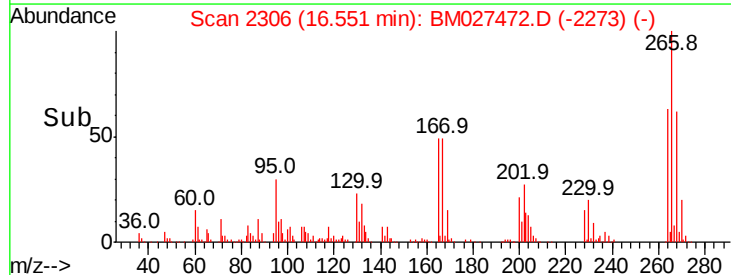
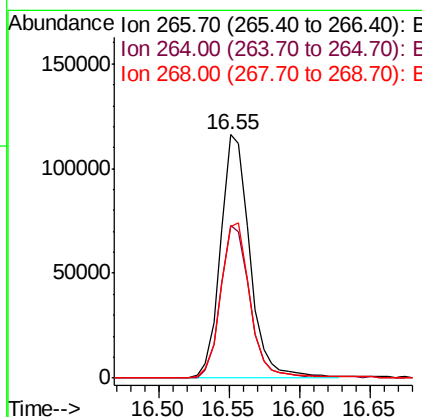
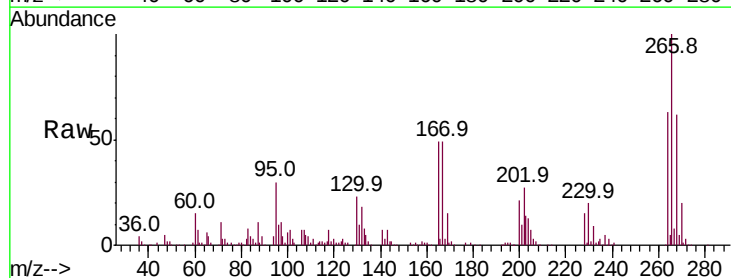
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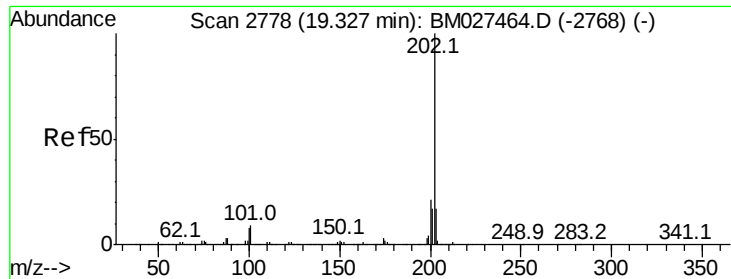
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.7	41.0	61.6
182	2.8	2.3	3.5



#69
 Pentachlorophenol
 Concen: 37.180 ng/ul
 RT: 16.55 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BM027472.D
 Acq: 18 Sep 2020 21:26

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.0	75.0
268	62.1	49.4	74.0





#80
 Pvrene
 Concen: 48.657 ng/ul
 RT: 19.33 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: BM027472.D
 Acq: 18 Sep 2020 21:26

Instrument :
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Tot Ion:202 Resp: 1500959
 Ion Ratio Lower Upper
 202 100
 101 8.5 7.1 10.7
 100 7.3 6.1 9.1

