

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091920\
 Data File : BM027471.D
 Acq On : 18 Sep 2020 20:50
 Operator : JU/CG
 Sample : L4001-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETYP2MS

Quant Time: Sep 19 00:30:56 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	95501	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	335889	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	226393	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	512907	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	541420	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	622665	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	14367	6.69	ng/uL	0.00
5) Phenol-d5	6.69	99	49310	6.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	153429	29.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	146539	25.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	88859	13.84	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	87369	34.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	97277	35.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	179734	30.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	25457	3.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	710452	39.44	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	790930	38.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	11274	3.55	ng/ul	0.00
58) Fluorene-d10	15.14	176	610246	37.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	110304	33.60	ng/ul	0.00
71) Anthracene-d10	16.99	188	1052999	43.41	ng/ul	0.00
79) Pyrene-d10	19.30	212	1229885	50.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	1389171	41.59	ng/ul	0.00

Target Compounds

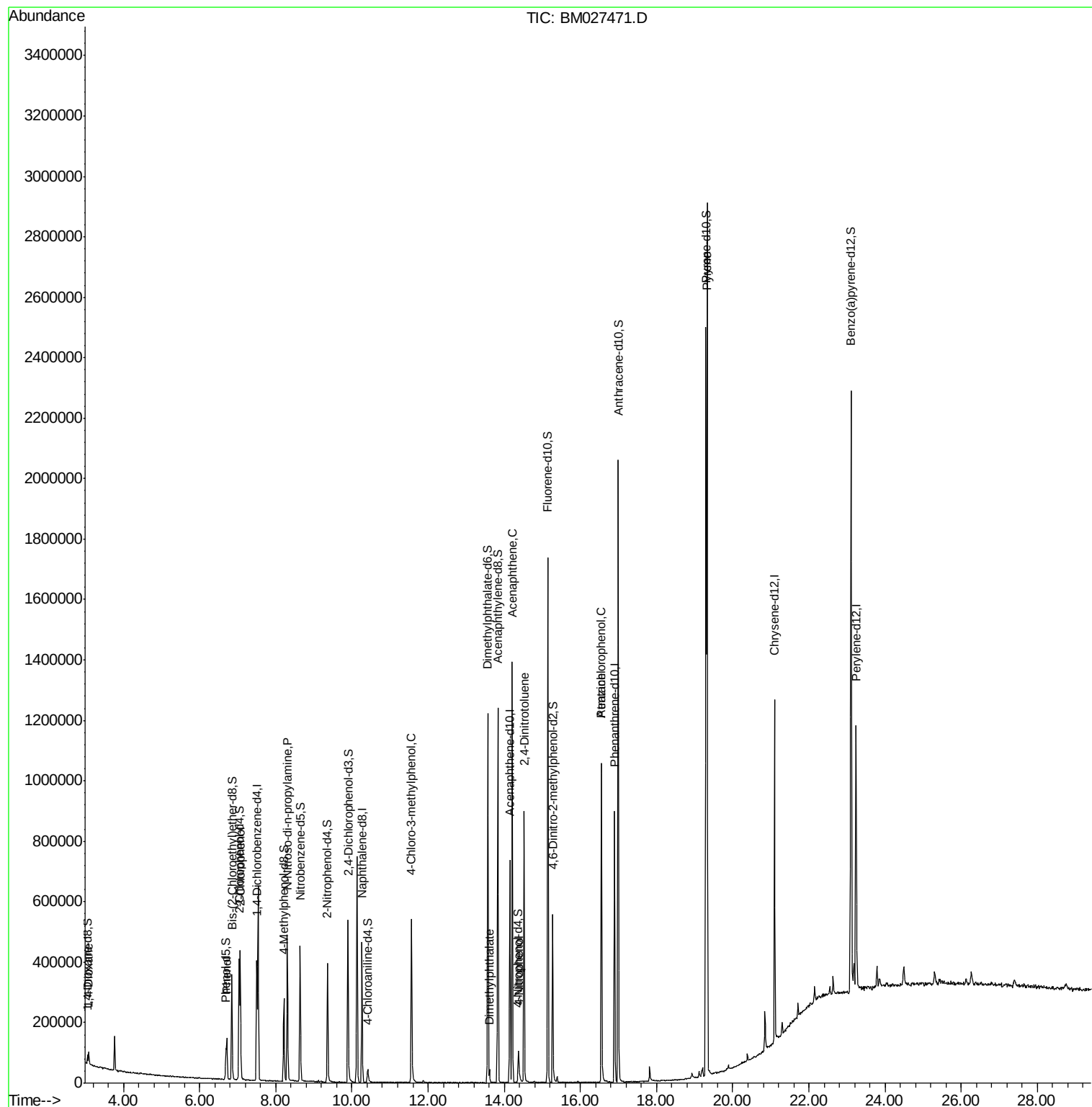
					Ovalue	
2) 1,4-Dioxane	3.09	88	18981	7.389	ng/uL#	92
6) Phenol	6.72	94	67905	8.117	ng/ul	98
10) 2-Chlorophenol	7.07	128	154938	25.772	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.30	70	201272	32.645	ng/ul	99
33) 4-Chloro-3-methylphenol	11.56	107	176679	27.916	ng/ul	97
45) Dimethylphthalate	13.62	163	24295	1.280	ng/ul	97
50) Acenaphthene	14.21	153	525885	35.646	ng/ul	99
53) 4-Nitrophenol	14.38	109	19653	5.944	ng/ul	87
55) 2,4-Dinitrotoluene	14.52	165	209663	37.575	ng/ul	97
68) Atrazine	16.55	200	23829	3.803	ng/ul#	36
69) Pentachlorophenol	16.56	266	167265	37.918	ng/ul	98
80) Pyrene	19.33	202	1567431	47.856	ng/ul	98

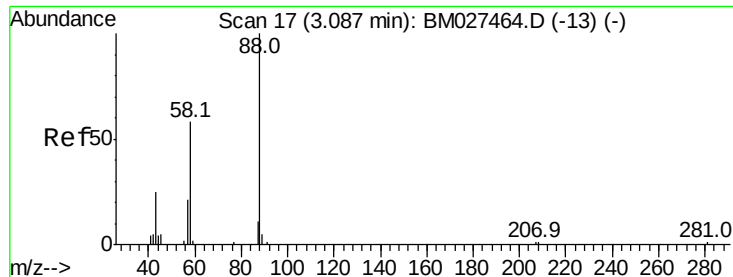
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 7.389 ng/uL

RT: 3.09 min Scan# 17

Delta R.T. -0.00 min

Lab File: BM027471.D

Acq: 18 Sep 2020 20:50

Instrument :

BNA_M

ClientSampleId :

ETYP2MS

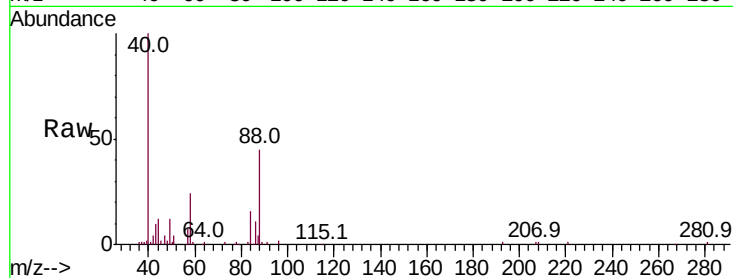
Tot Ion: 88 Resp: 18981

Ion Ratio Lower Upper

88 100

43 21.6 21.7 32.5#

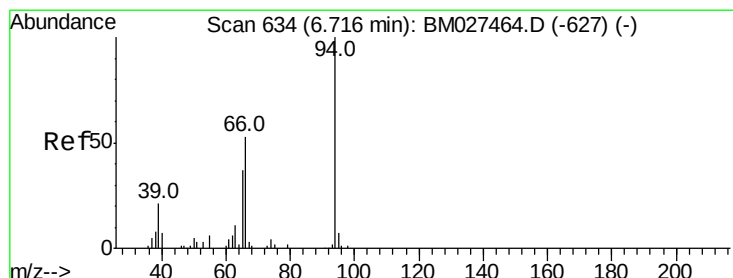
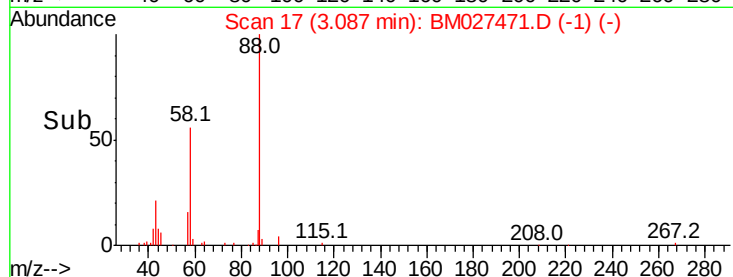
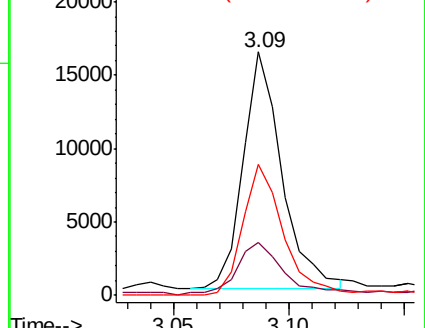
58 53.7 47.4 71.0



Abundance Ion 88.00 (87.70 to 88.70): BM027464.D (-13) (-)

Ion 43.00 (42.70 to 43.70): BM027464.D (-13) (-)

Ion 58.00 (57.70 to 58.70): BM027464.D (-13) (-)



#6

Phenol

Concen: 8.117 ng/uL

RT: 6.72 min Scan# 634

Delta R.T. -0.00 min

Lab File: BM027471.D

Acq: 18 Sep 2020 20:50

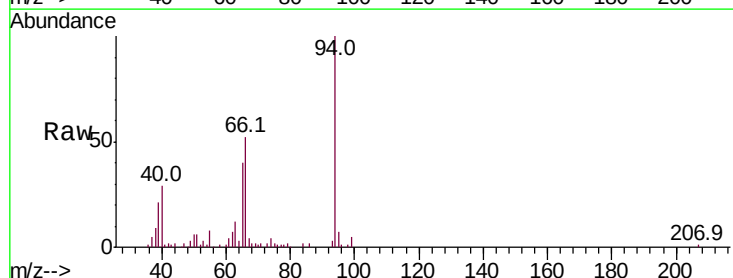
Tgt Ion: 94 Resp: 67905

Ion Ratio Lower Upper

94 100

65 39.5 30.2 45.4

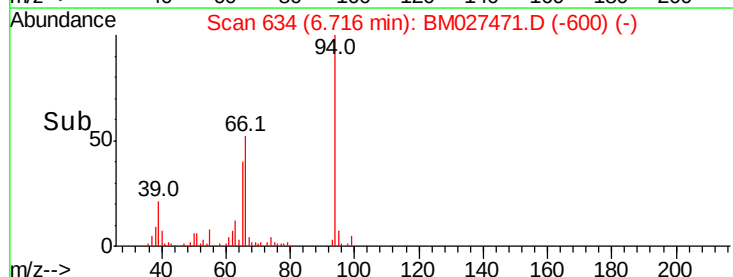
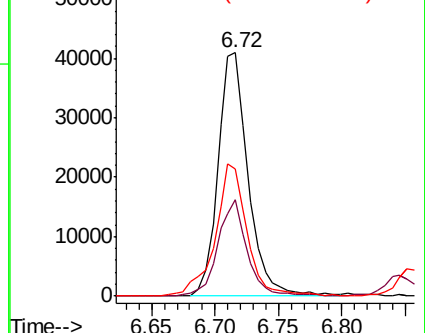
66 52.2 42.4 63.6

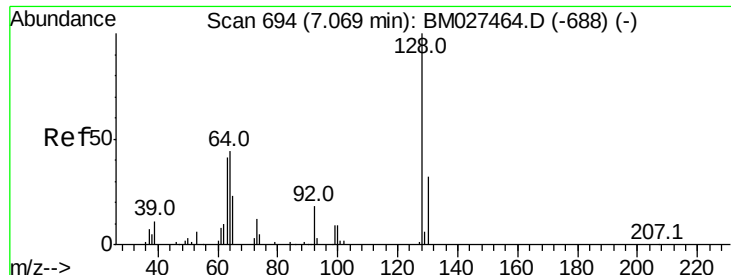


Abundance Ion 94.00 (93.70 to 94.70): BM027464.D (-627) (-)

Ion 65.00 (64.70 to 65.70): BM027464.D (-627) (-)

Ion 66.00 (65.70 to 66.70): BM027464.D (-627) (-)

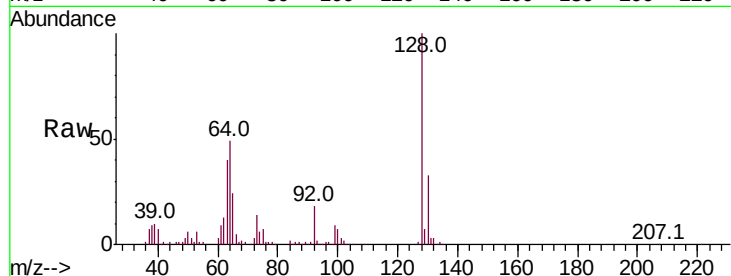




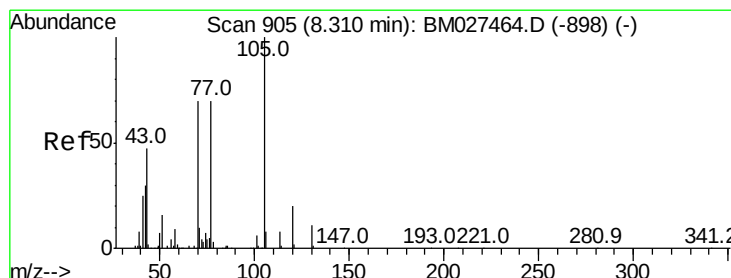
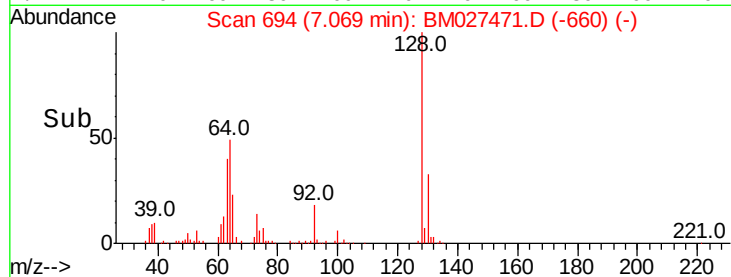
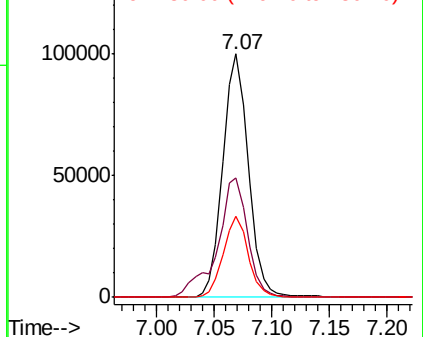
#10
2-Chlorophenol
Concen: 25.772 ng/ul
RT: 7.07 min Scan# 694
Delta R.T. -0.00 min
Lab File: BM027471.D
Acq: 18 Sep 2020 20:50

Instrument :
BNA_M
ClientSampleId :
ETYP2MS

Tot Ion	Ratio	Lower	Upper
128	100		
64	49.1	41.1	61.7
130	33.2	26.8	40.2

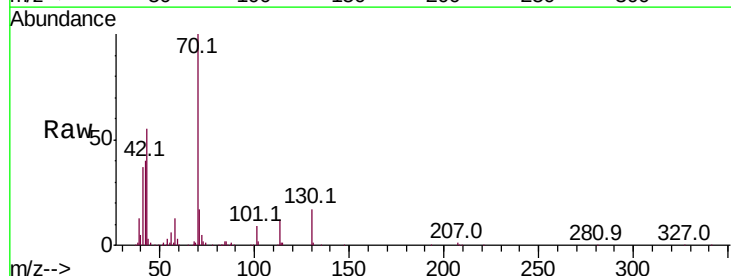


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM
Ion 130.00 (129.70 to 130.70): E

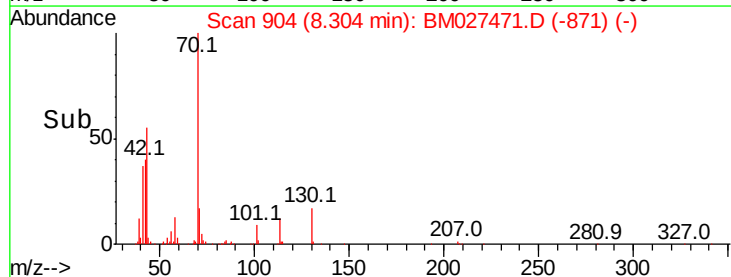
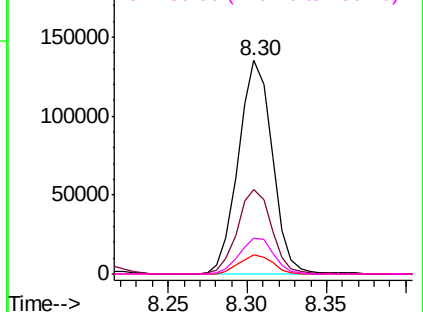


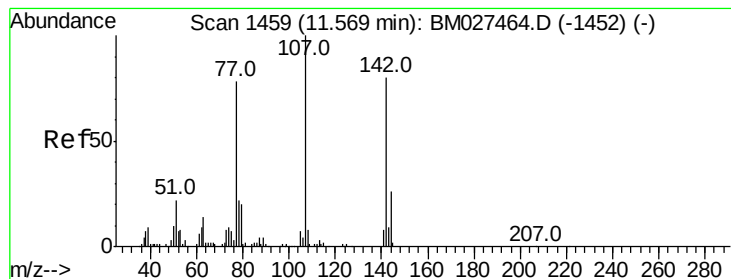
#15
N-Nitroso-di-n-propylamine
Concen: 32.645 ng/ul
RT: 8.30 min Scan# 904
Delta R.T. -0.01 min
Lab File: BM027471.D
Acq: 18 Sep 2020 20:50

Tgt Ion	Ratio	Lower	Upper
70	100		
42	39.8	31.0	46.4
101	9.1	7.0	10.6
130	16.8	13.6	20.4



Abundance Ion 70.00 (69.70 to 70.70): BM
Ion 42.00 (41.70 to 42.70): BM
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#33

4-Chloro-3-methylphenol

Concen: 27.916 ng/ul

RT: 11.56 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BM027471.D

Acq: 18 Sep 2020 20:50

Instrument :

BNA_M

ClientSampleId :

ETYP2MS

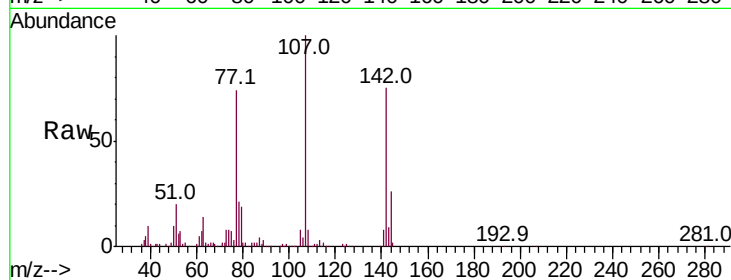
Tot Ion:107 Resp: 176679

Ion Ratio Lower Upper

107 100

144 25.7 19.7 29.5

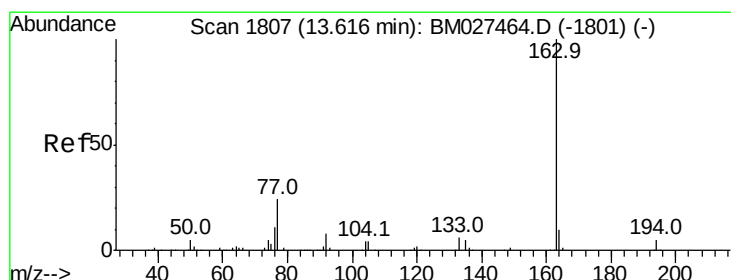
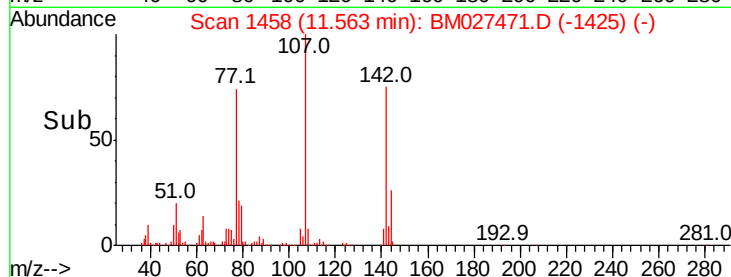
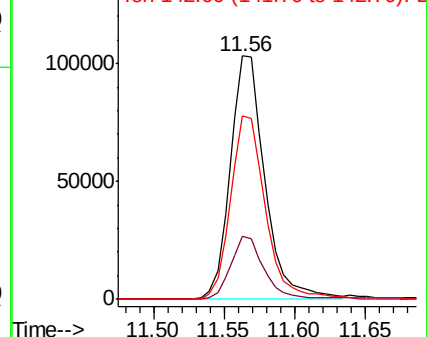
142 75.1 62.0 93.0



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: 1.280 ng/ul

RT: 13.62 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BM027471.D

Acq: 18 Sep 2020 20:50

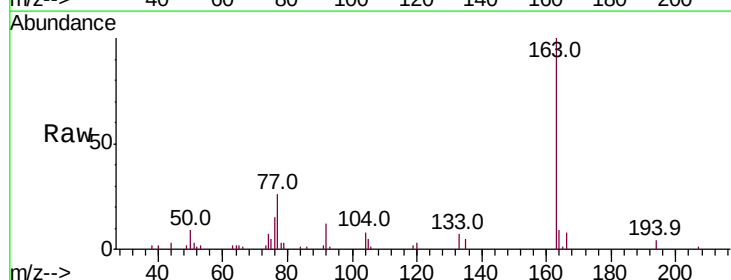
Tgt Ion:163 Resp: 24295

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

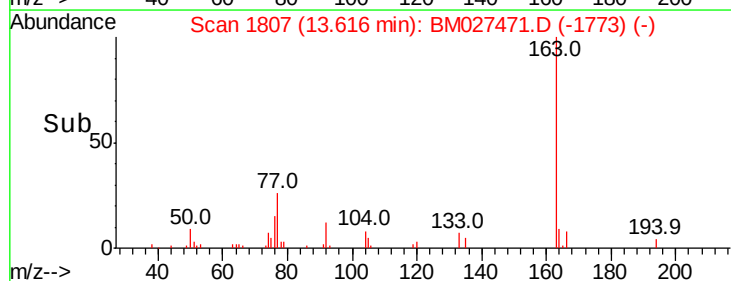
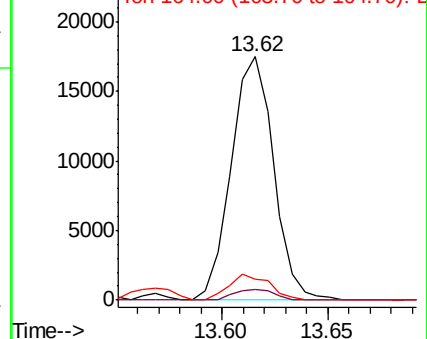
164 8.7 8.1 12.1

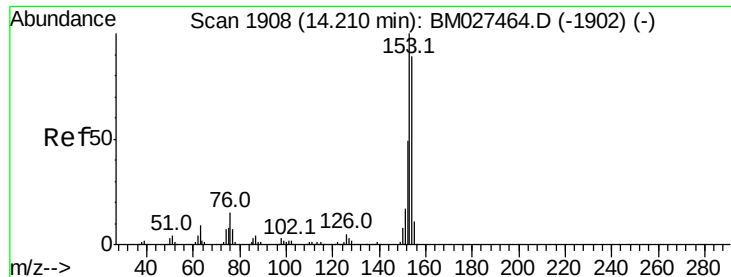


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 35.646 ng/ul

RT: 14.21 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BM027471.D

Acq: 18 Sep 2020 20:50

Instrument :

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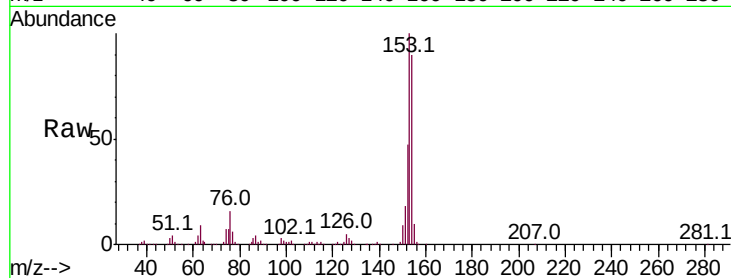
Tot Ion:153 Resp: 525885

Ion Ratio Lower Upper

153 100

152 47.4 38.1 57.1

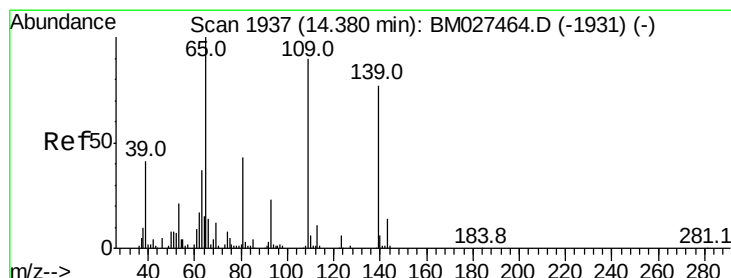
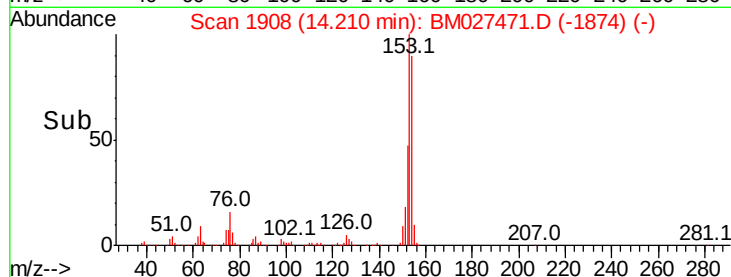
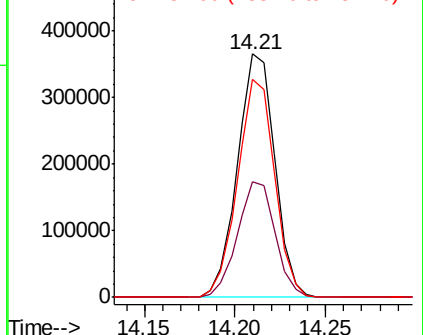
154 89.5 72.5 108.7



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: 5.944 ng/ul

RT: 14.38 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BM027471.D

Acq: 18 Sep 2020 20:50

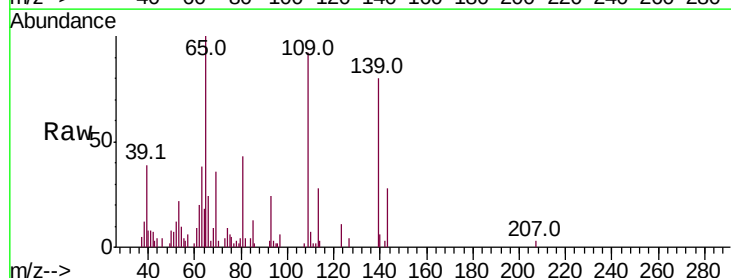
Tgt Ion:109 Resp: 19653

Ion Ratio Lower Upper

109 100

139 87.5 80.8 121.2

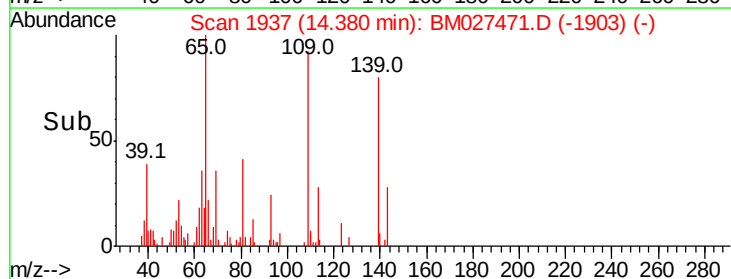
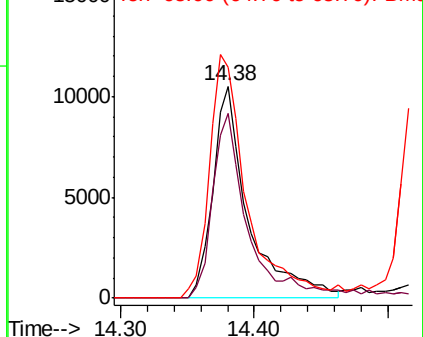
65 109.0 98.6 147.8

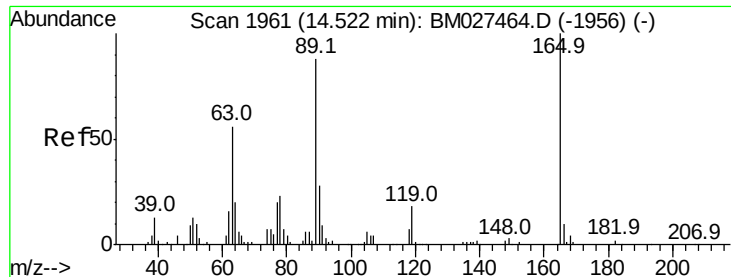


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

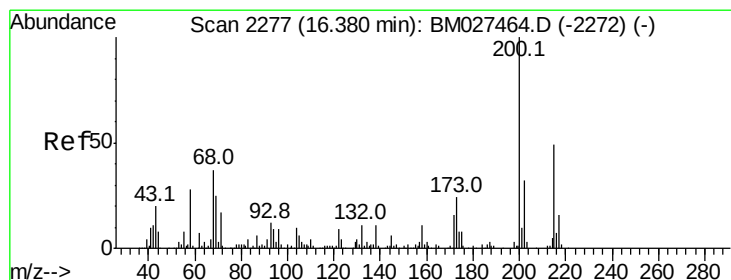
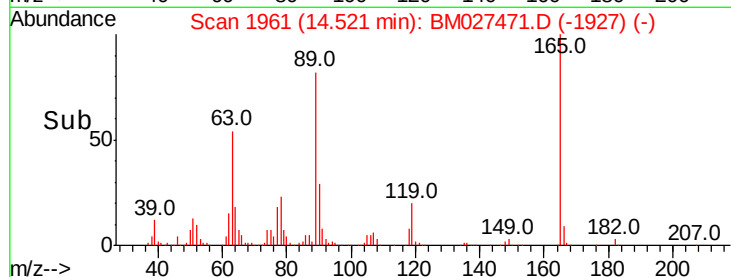
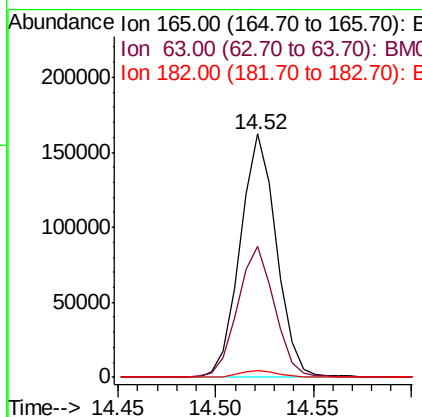
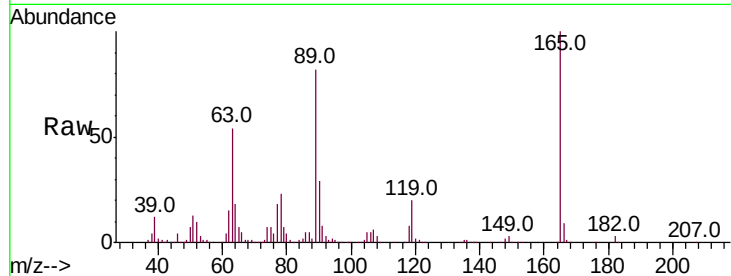




#55
 2,4-Dinitrotoluene
 Concen: 37.575 ng/ul
 RT: 14.52 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BM027471.D
 Acq: 18 Sep 2020 20:50

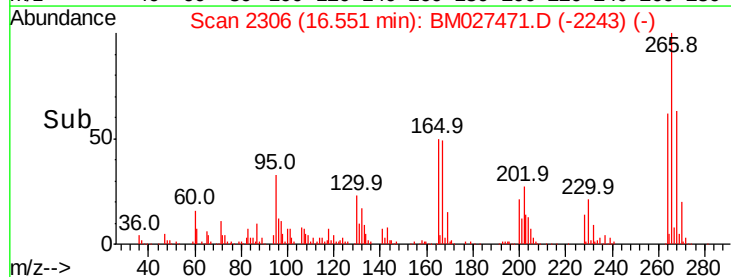
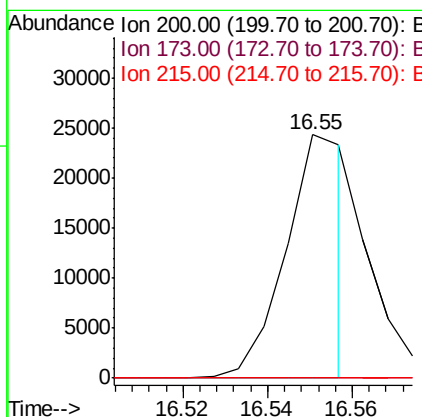
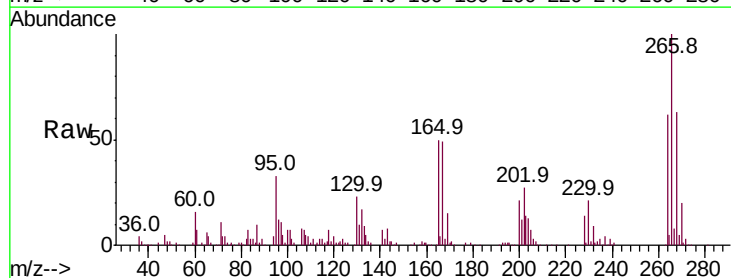
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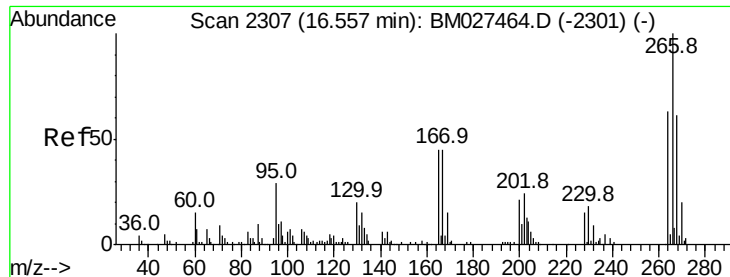
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.8	41.0	61.6
182	2.9	2.3	3.5



#68
 Atrazine
 Concen: 3.803 ng/ul
 RT: 16.55 min Scan# 2306
 Delta R.T. 0.17 min
 Lab File: BM027471.D
 Acq: 18 Sep 2020 20:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	0.0	20.1	30.1#
215	0.0	39.0	58.4#





#69

Pentachlorophenol

Concen: 37.918 ng/ul

RT: 16.56 min Scan# 2307

Delta R.T. -0.00 min

Lab File: BM027471.D

Acq: 18 Sep 2020 20:50

Instrument :

BNA_M

ClientSampleId :

ETYP2MS

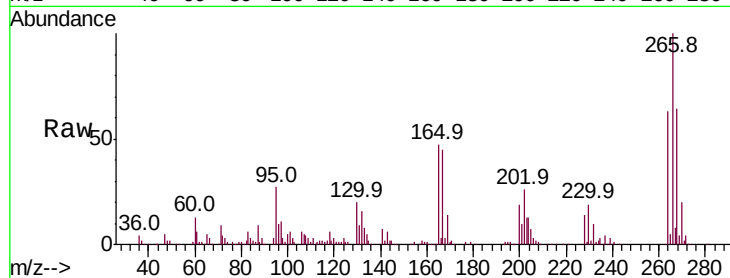
Tot Ion:266 Resp: 167265

Ion Ratio Lower Upper

266 100

264 63.0 50.0 75.0

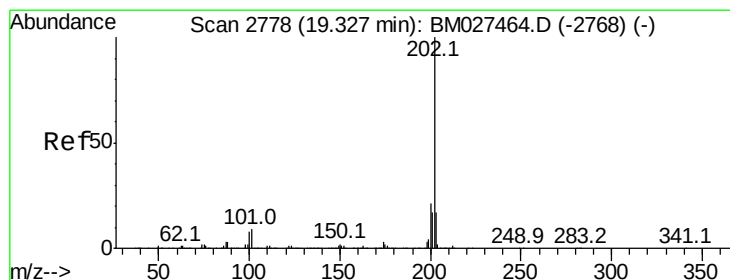
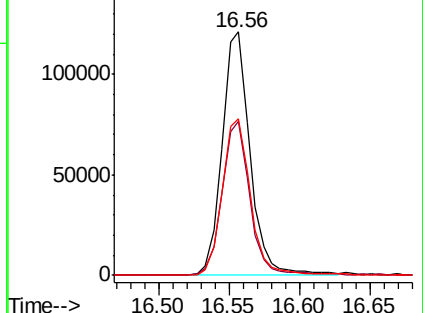
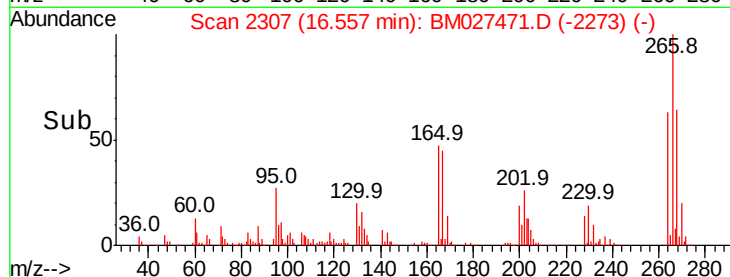
268 64.3 49.4 74.0



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: 47.856 ng/ul

RT: 19.33 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BM027471.D

Acq: 18 Sep 2020 20:50

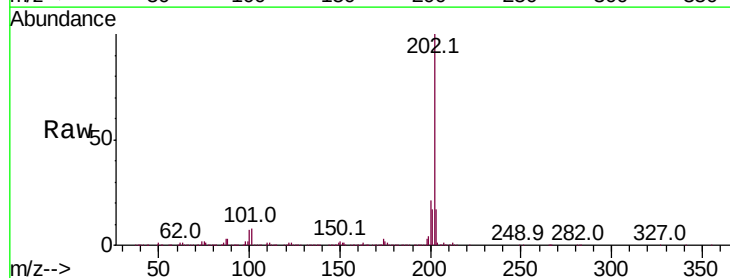
Tgt Ion:202 Resp: 1567431

Ion Ratio Lower Upper

202 100

101 8.4 7.1 10.7

100 7.1 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): E

