

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081220\
 Data File : BM027050.D
 Acq On : 12 Aug 2020 16:07
 Operator : JU/CG
 Sample : L3612-21MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFP7MSD

Quant Time: Aug 12 16:37:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 11:04:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	97567	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	347626	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	225851	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	492136	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	524110	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	548906	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	7129	3.32	ng/uL	0.00
5) Phenol-d5	6.82	99	139594	18.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	99254	19.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	114977	19.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	109697	18.55	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	52316	18.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	52185	18.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	116835	19.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	135451	19.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	359251	19.95	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	432606	20.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	43635	14.35	ng/ul	0.00
58) Fluorene-d10	15.27	176	313935	20.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	36144	13.45	ng/ul	0.00
71) Anthracene-d10	17.12	188	482517	19.90	ng/ul	0.00
79) Pyrene-d10	19.42	212	559634	21.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	615959	20.10	ng/ul	0.00

Target Compounds

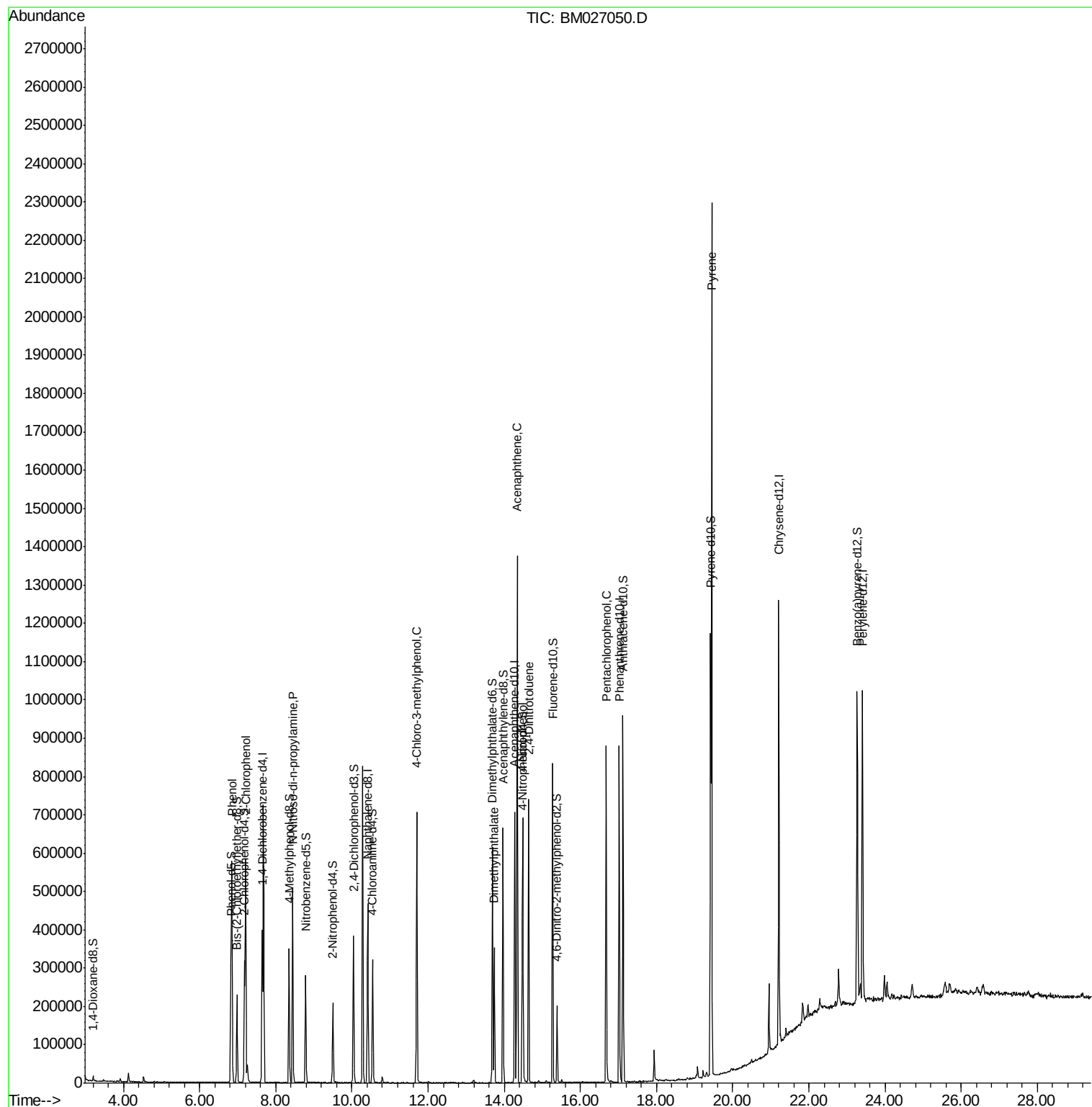
					Ovalue
6) Phenol	6.85	94	275487	34.439	ng/ul 99
10) 2-Chlorophenol	7.21	128	209808	33.550	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.45	70	206321	35.777	ng/ul 96
33) 4-Chloro-3-methylphenol	11.70	107	222563	34.906	ng/ul 96
45) Dimethylphthalate	13.74	163	202670	10.738	ng/ul 98
50) Acenaphthene	14.34	153	520132	33.636	ng/ul 97
53) 4-Nitrophenol	14.49	109	112871	34.866	ng/ul 92
55) 2,4-Dinitrotoluene	14.64	165	175311	33.592	ng/ul# 98
69) Pentachlorophenol	16.67	266	136527	34.128	ng/ul 99
80) Pyrene	19.44	202	1273791	35.806	ng/ul 97

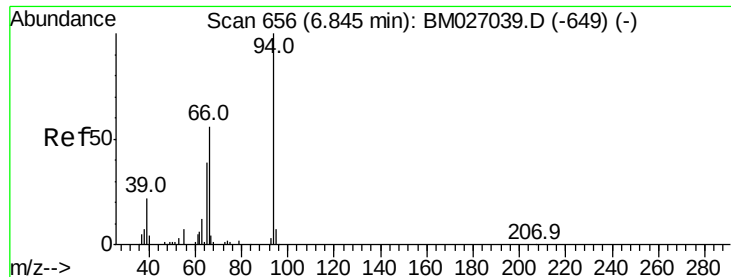
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

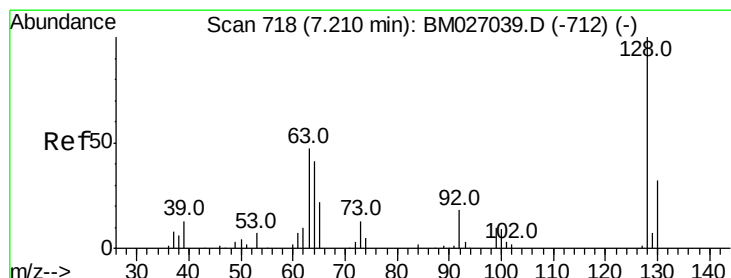
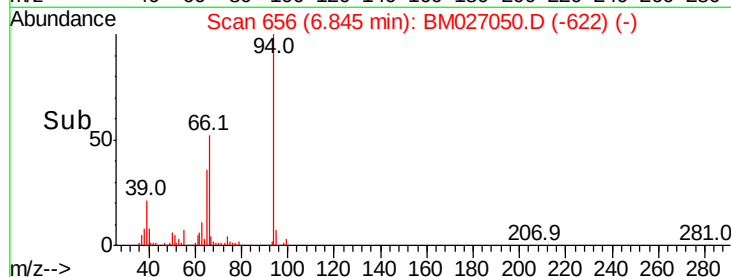
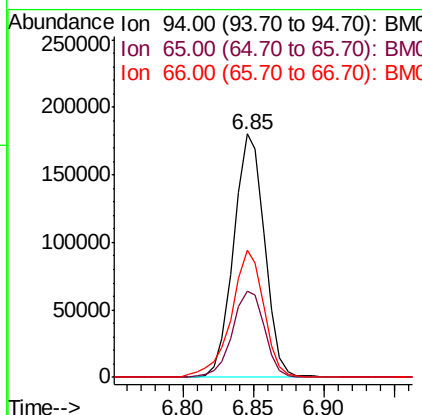
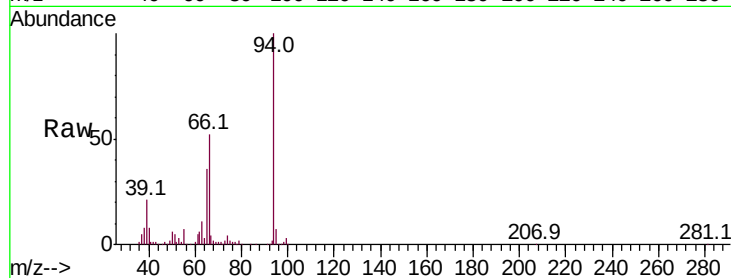
Phenol

Concen: 34.439 ng/ul
 RT: 6.85 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BM027050.D
 Acq: 12 Aug 2020 16:07

Instrument :
 BNA_M
 ClientSampleId :
 DBFP7MSD

Tot Ion: 94 Resp: 275487

Ion	Ratio	Lower	Upper
94	100		
65	35.6	28.6	43.0
66	52.2	41.3	61.9



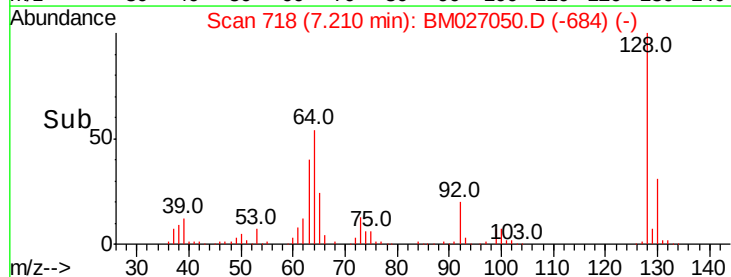
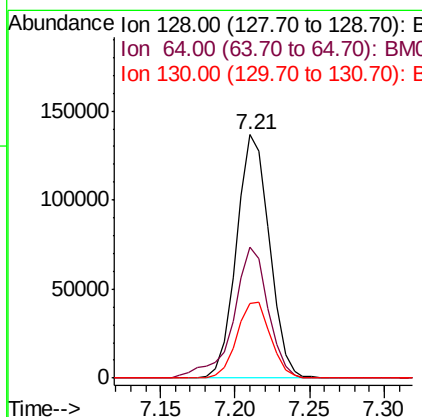
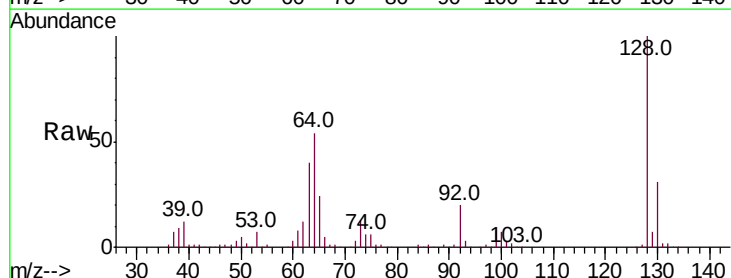
#10

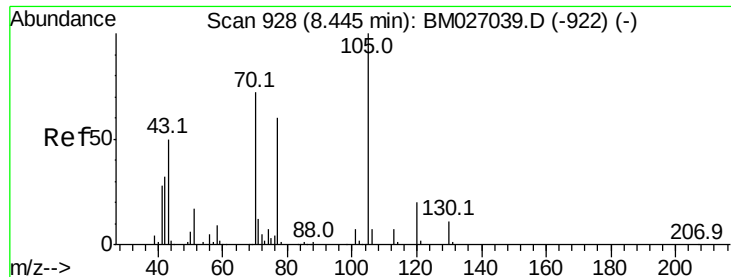
2-Chlorophenol

Concen: 33.550 ng/ul
 RT: 7.21 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BM027050.D
 Acq: 12 Aug 2020 16:07

Tgt Ion: 128 Resp: 209808

Ion	Ratio	Lower	Upper
128	100		
64	53.8	39.4	59.2
130	30.8	25.4	38.2





#15

N-Nitroso-di-n-propylamine

Concen: 35.777 ng/ul

RT: 8.45 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM027050.D

Acq: 12 Aug 2020 16:07

Instrument :

BNA_M

ClientSampleId :

DBFP7MSD

Tot Ion: 70 Resp: 206321

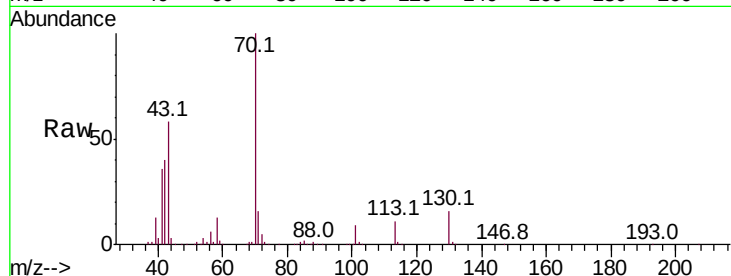
Ion Ratio Lower Upper

70 100

42 40.4 34.2 51.2

101 9.2 6.8 10.2

130 16.2 15.1 22.7

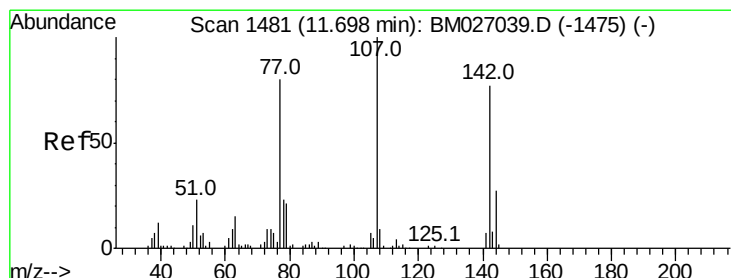
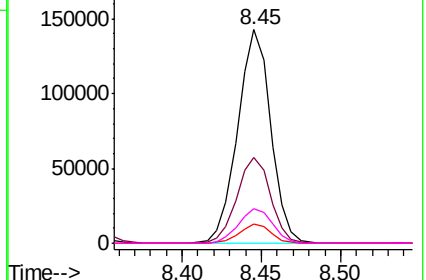
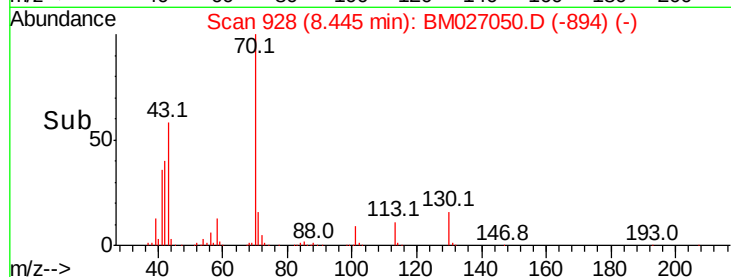


Abundance Ion 70.00 (69.70 to 70.70): BM0

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



#33

4-Chloro-3-methylphenol

Concen: 34.906 ng/ul

RT: 11.70 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BM027050.D

Acq: 12 Aug 2020 16:07

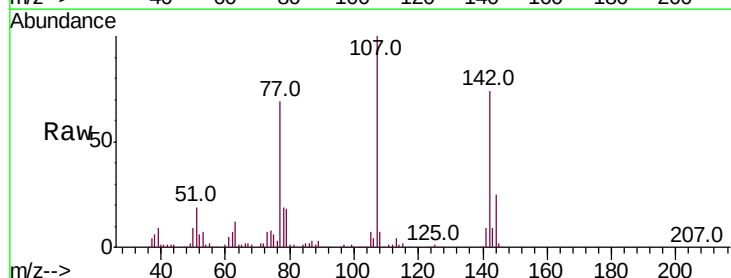
Tgt Ion:107 Resp: 222563

Ion Ratio Lower Upper

107 100

144 25.2 20.7 31.1

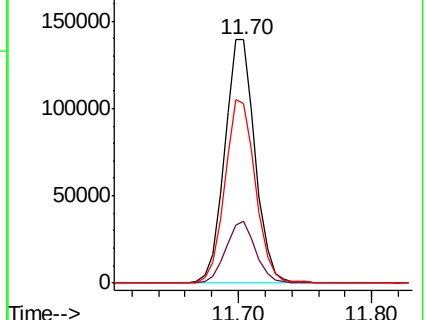
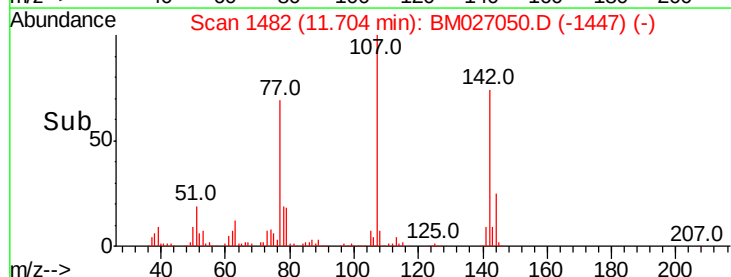
142 73.5 62.6 94.0

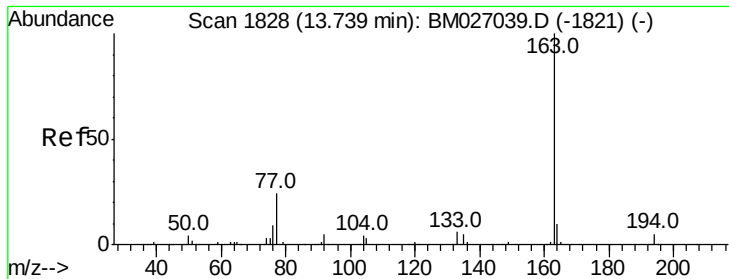


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

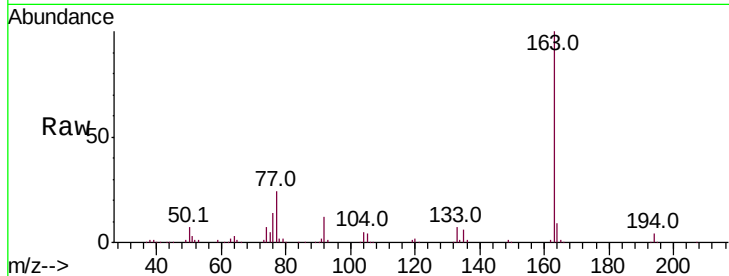




#45
Dimethylphthalate
Concen: 10.738 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BM027050.D
Acq: 12 Aug 2020 16:07

Instrument :
BNA_M
ClientSampleId :
DBFP7MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	9.5	8.2	12.2

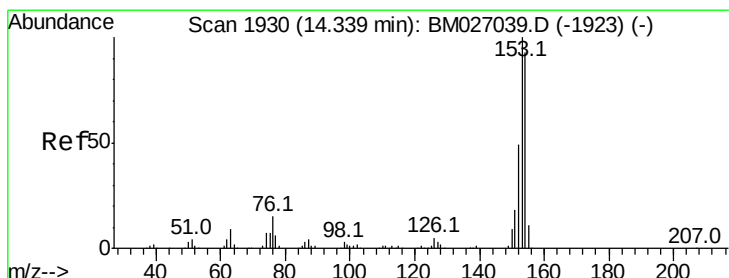
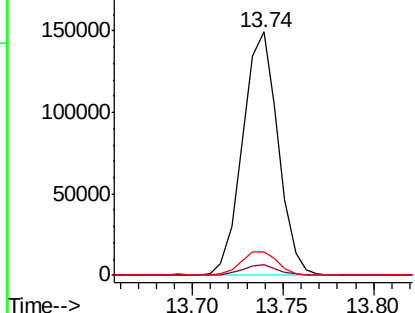
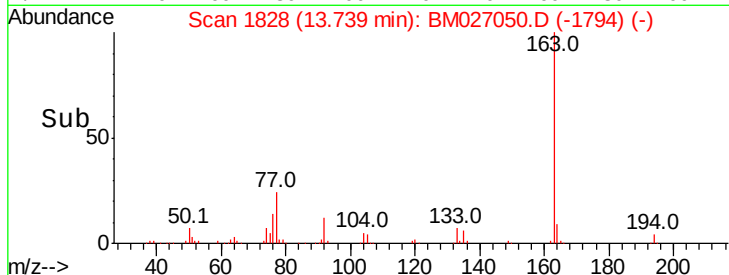


Abundance

Ion 163.00 (162.70 to 163.70): E

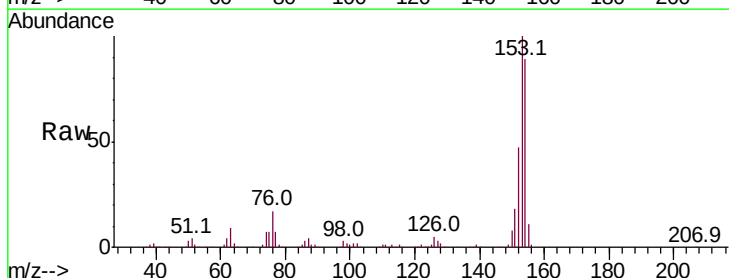
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
Acenaphthene
Concen: 33.636 ng/ul
RT: 14.34 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BM027050.D
Acq: 12 Aug 2020 16:07

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.7	35.9	53.9
154	89.4	69.4	104.0

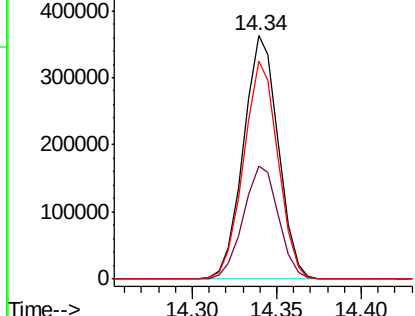
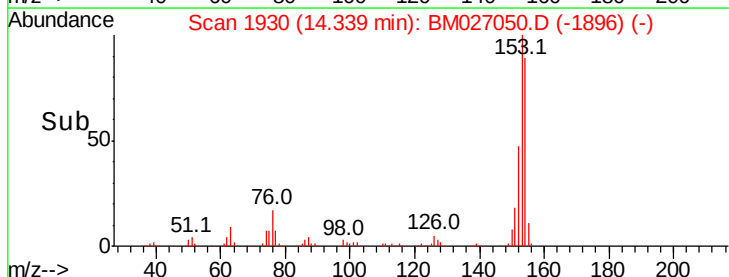


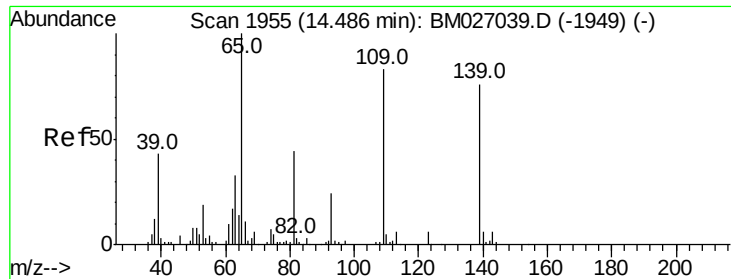
Abundance

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: 34.866 ng/ul

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BM027050.D

Acq: 12 Aug 2020 16:07

Instrument :

BNA_M

ClientSampleId :

DBFP7MSD

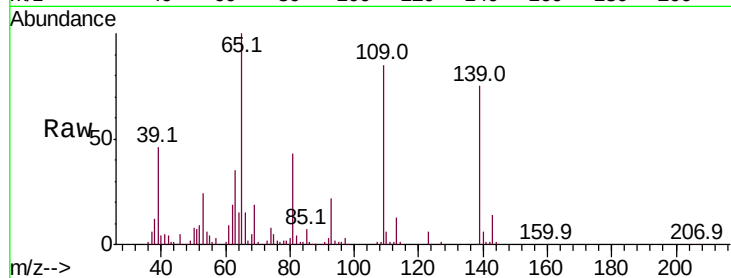
Tot Ion:109 Resp: 112871

Ion Ratio Lower Upper

109 100

139 87.7 77.4 116.2

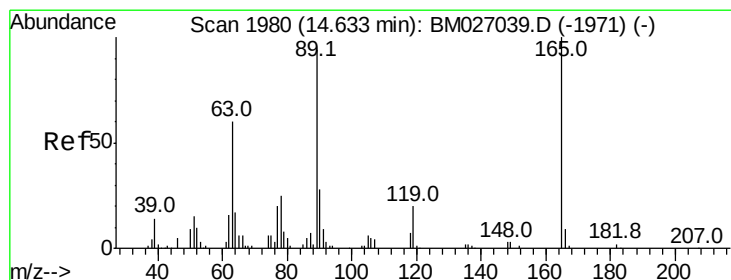
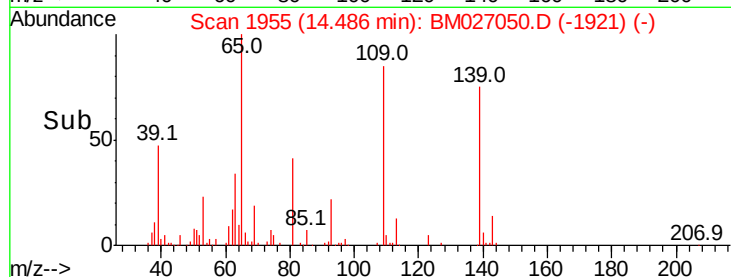
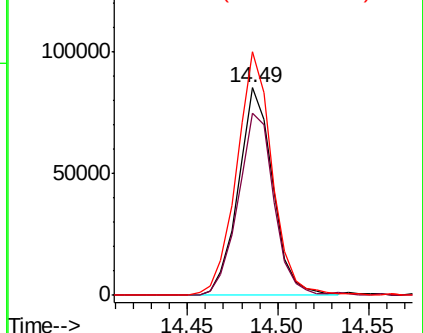
65 117.5 100.6 150.8



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): BMC



#55

2,4-Dinitrotoluene

Concen: 33.592 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. 0.01 min

Lab File: BM027050.D

Acq: 12 Aug 2020 16:07

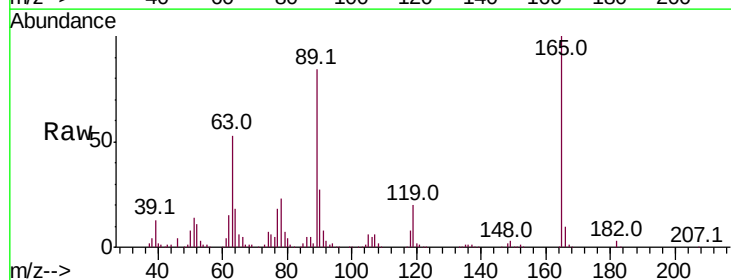
Tgt Ion:165 Resp: 175311

Ion Ratio Lower Upper

165 100

63 52.7 43.4 65.0

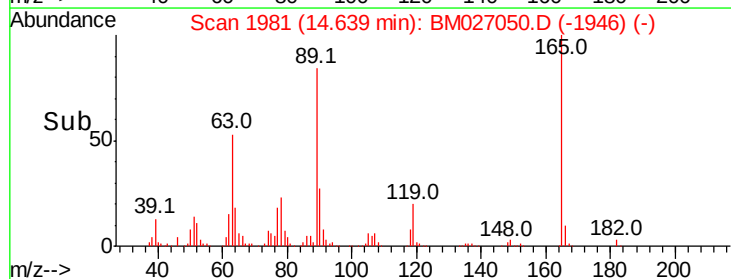
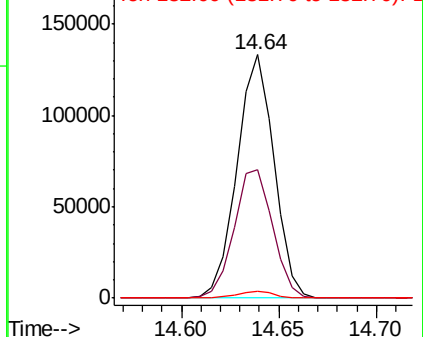
182 2.7 3.0 4.4#

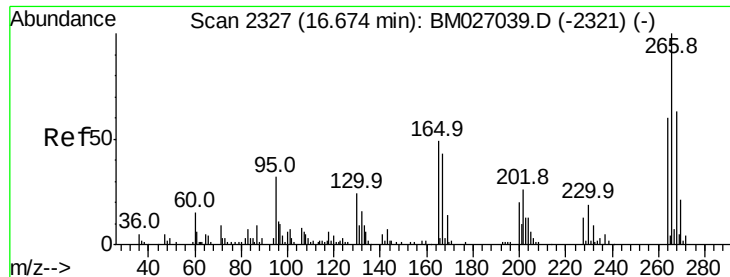


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BMC

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 34.128 ng/ul

RT: 16.67 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BM027050.D

Acq: 12 Aug 2020 16:07

Instrument :

BNA_M

ClientSampleId :

DBFP7MSD

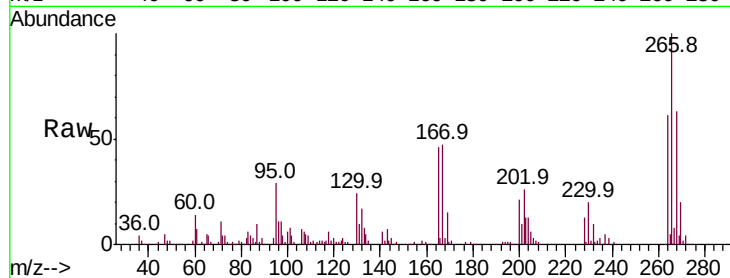
Tot Ion:266 Resp: 136527

Ion Ratio Lower Upper

266 100

264 61.0 48.1 72.1

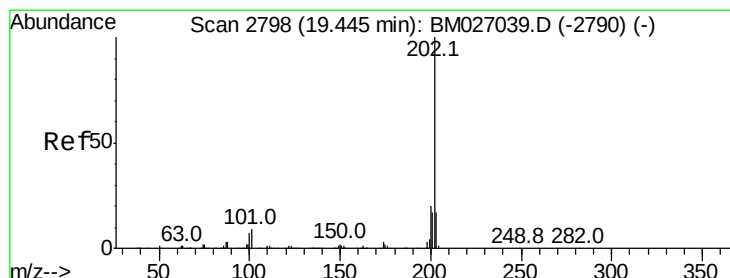
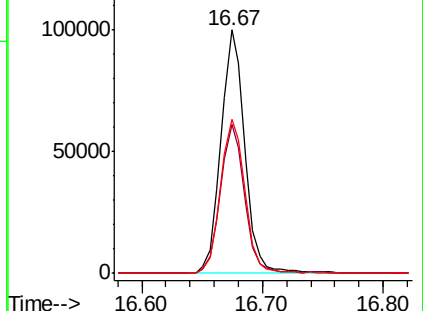
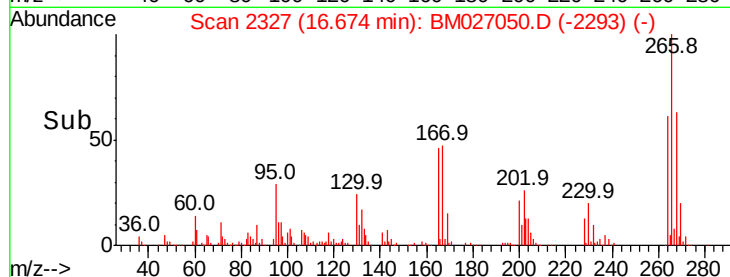
268 63.5 51.0 76.6



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: 35.806 ng/ul

RT: 19.44 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BM027050.D

Acq: 12 Aug 2020 16:07

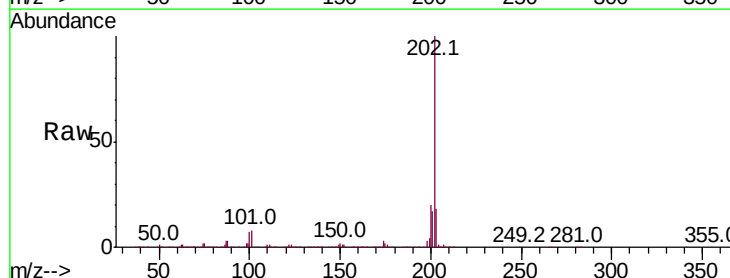
Tgt Ion:202 Resp: 1273791

Ion Ratio Lower Upper

202 100

101 8.3 7.6 11.4

100 7.1 6.3 9.5



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

