

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081220\
 Data File : BM027049.D
 Acq On : 12 Aug 2020 15:30
 Operator : JU/CG
 Sample : L3612-20MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFP7MS

Quant Time: Aug 12 16:35:22 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	99238	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	328921	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	225527	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	492180	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	520015	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	547555	20.00	ng/ul	0.00

System Monitoring Compounds

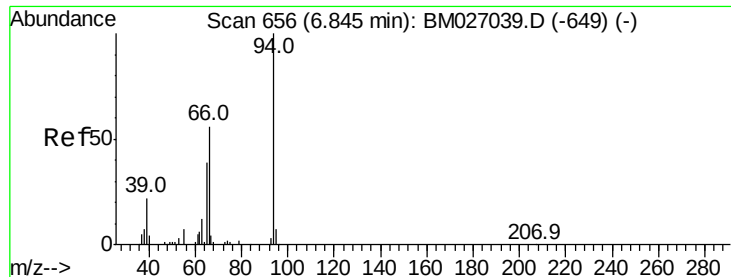
3) 1,4-Dioxane-d8	3.20	96	6404	2.93	ng/uL	0.00
5) Phenol-d5	6.82	99	125619	16.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	87438	16.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	100210	16.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	100883	16.77	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	46920	18.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	46458	17.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	103318	18.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	119642	18.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	340791	18.95	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	404223	18.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	43353	14.28	ng/ul	0.00
58) Fluorene-d10	15.27	176	296559	18.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	36757	13.67	ng/ul	0.00
71) Anthracene-d10	17.12	188	457887	18.88	ng/ul	0.00
79) Pyrene-d10	19.42	212	527244	20.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	585409	19.15	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.85	94	264524	32.512	ng/ul 99
10) 2-Chlorophenol	7.21	128	200476	31.518	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.45	70	197718	33.708	ng/ul 97
33) 4-Chloro-3-methylphenol	11.70	107	211676	35.086	ng/ul 99
45) Dimethylphthalate	13.74	163	194960	10.344	ng/ul 98
50) Acenaphthene	14.34	153	503847	32.630	ng/ul 97
53) 4-Nitrophenol	14.49	109	109140	33.762	ng/ul 97
55) 2,4-Dinitrotoluene	14.64	165	170240	32.667	ng/ul# 98
69) Pentachlorophenol	16.67	266	131678	32.912	ng/ul 98
80) Pyrene	19.44	202	1232624	34.921	ng/ul 99

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

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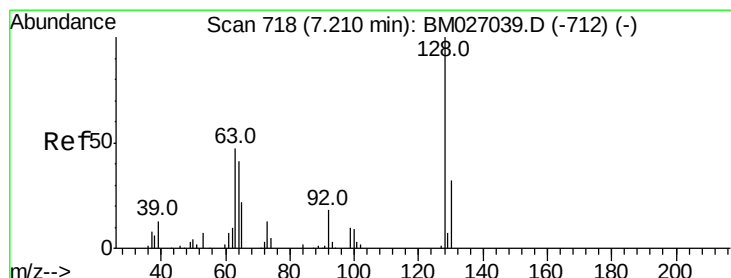
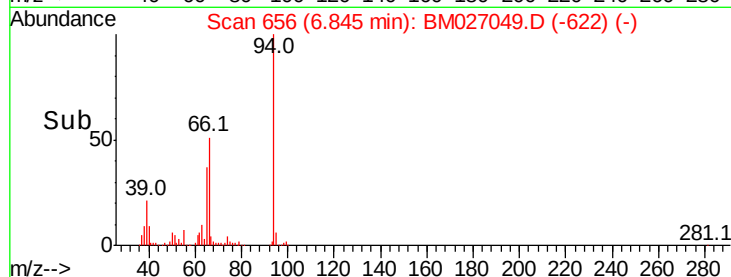
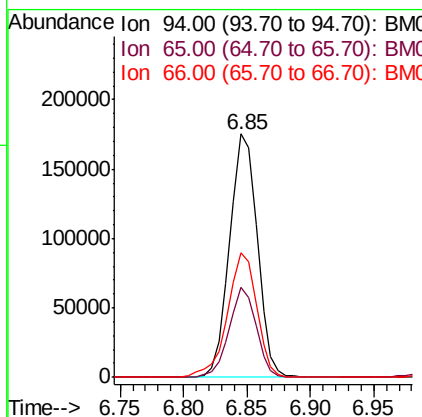
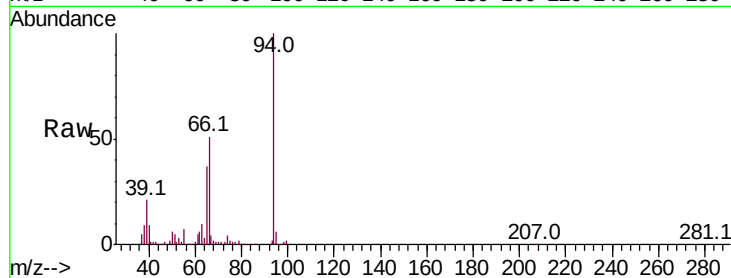
#6

Phenol

Concen: 32.512 ng/ul
 RT: 6.85 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BM027049.D
 Acq: 12 Aug 2020 15:30

Instrument :
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 DBFP7MS

Tot Ion	Ratio	Lower	Upper
94	100		
65	37.2	28.6	43.0
66	51.2	41.3	61.9

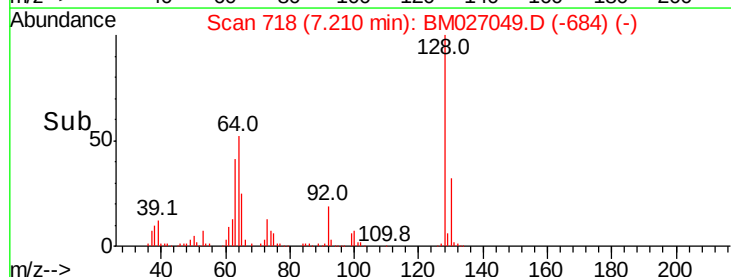
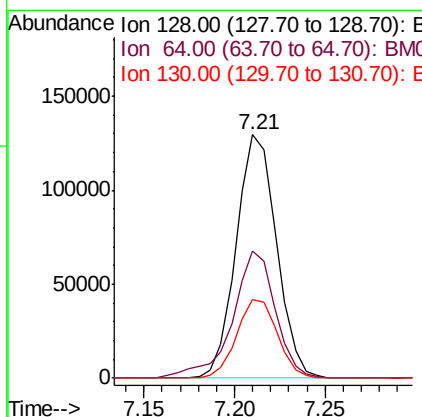
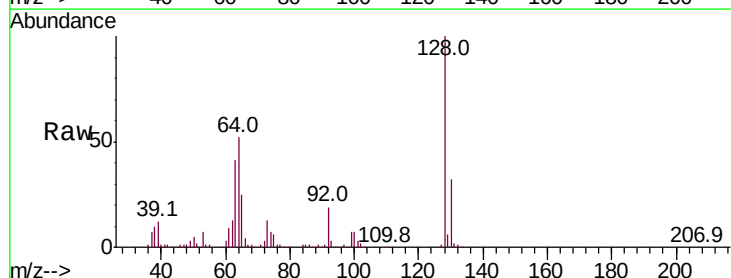


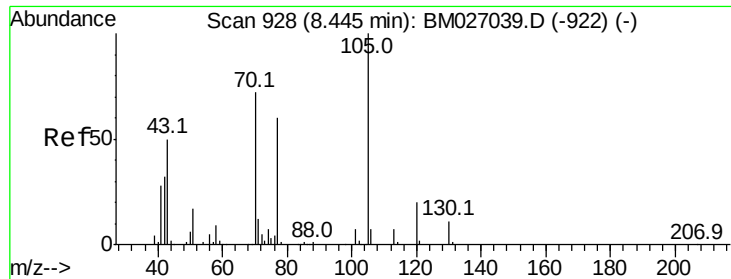
#10

2-Chlorophenol

Concen: 31.518 ng/ul
 RT: 7.21 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BM027049.D
 Acq: 12 Aug 2020 15:30

Tgt Ion	Ratio	Lower	Upper
128	100		
64	52.2	39.4	59.2
130	32.2	25.4	38.2

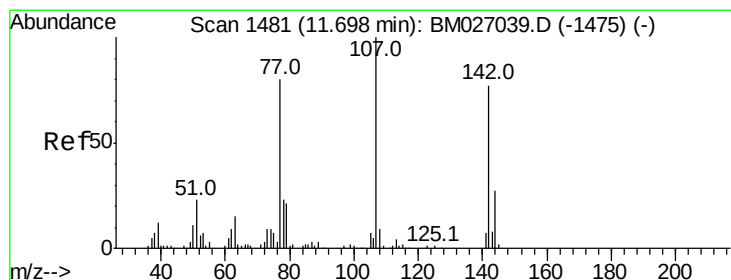
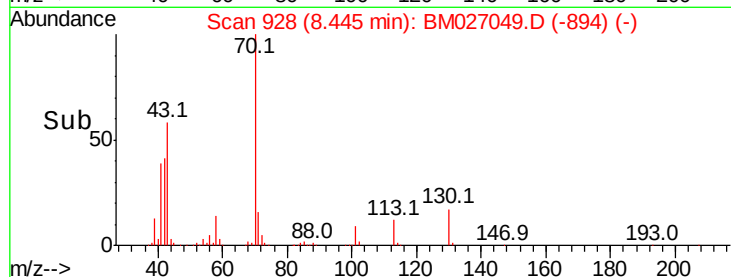
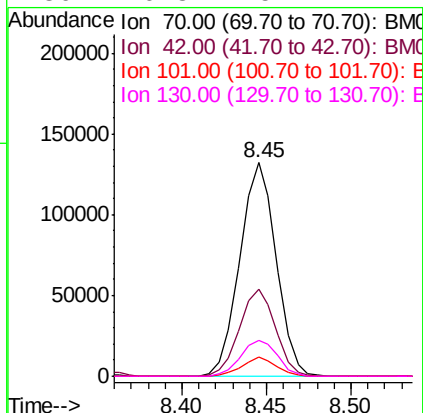
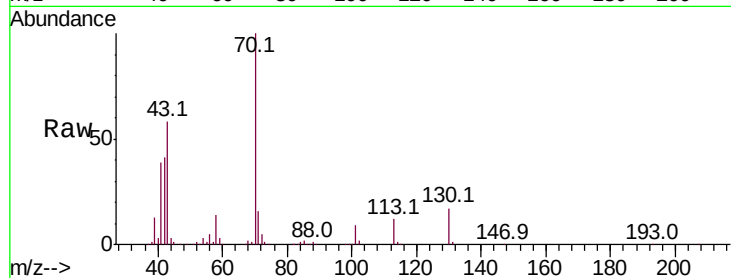




#15
N-Nitroso-di-n-propylamine
Concen: 33.708 ng/ul
RT: 8.45 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM027049.D
Acq: 12 Aug 2020 15:30

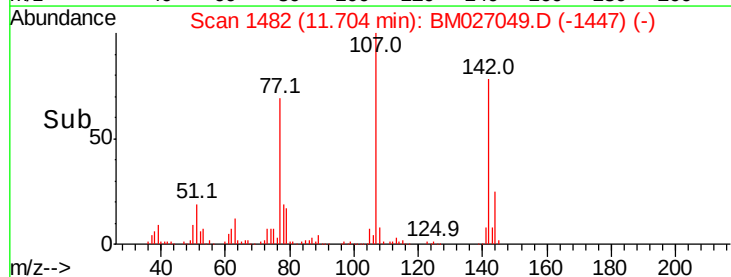
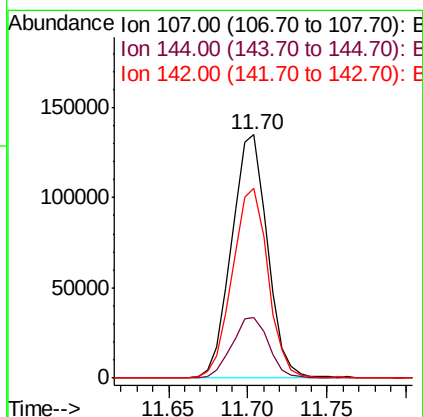
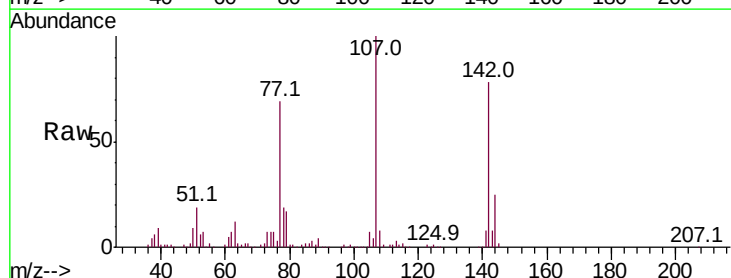
Instrument :
BNA_M
ClientSampleId :
DBFP7MS

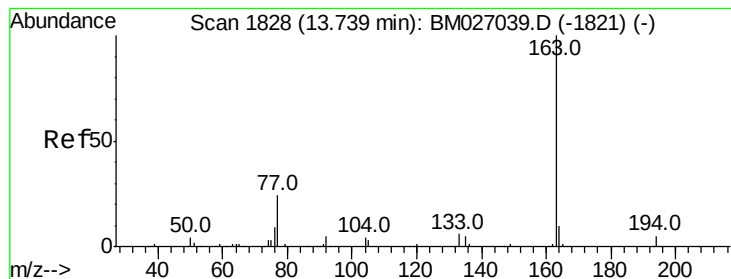
Tot Ion:	70	Resp:	197718
Ion	Ratio	Lower	Upper
70	100		
42	40.6	34.2	51.2
101	8.9	6.8	10.2
130	16.8	15.1	22.7



#33
4-Chloro-3-methylphenol
Concen: 35.086 ng/ul
RT: 11.70 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BM027049.D
Acq: 12 Aug 2020 15:30

Tgt Ion:	107	Resp:	211676
Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.7	31.1
142	77.7	62.6	94.0





#45

Dimethylphthalate

Concen: 10.344 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BM027049.D

Acq: 12 Aug 2020 15:30

Instrument :

BNA_M

ClientSampleId :

DBFP7MS

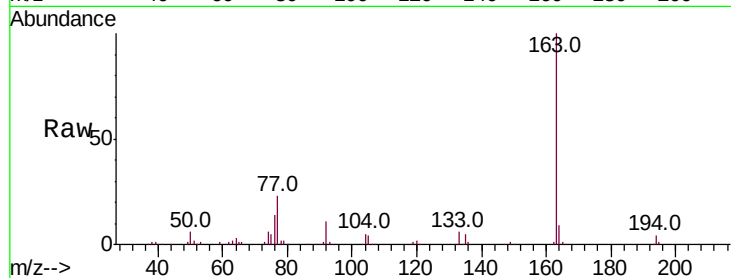
Tot Ion:163 Resp: 194960

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

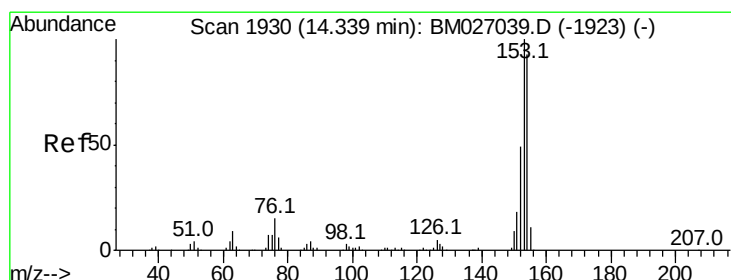
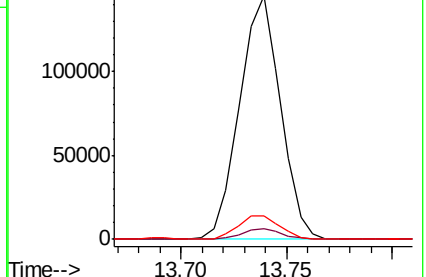
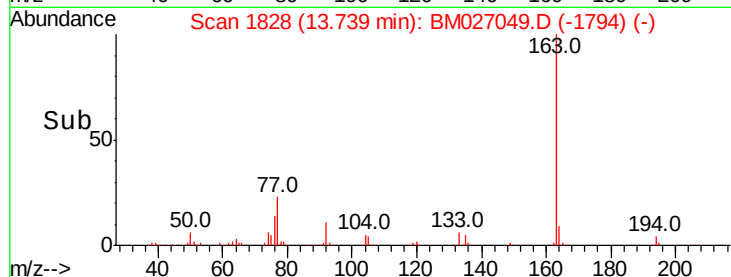
164 9.5 8.2 12.2



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: 32.630 ng/ul

RT: 14.34 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BM027049.D

Acq: 12 Aug 2020 15:30

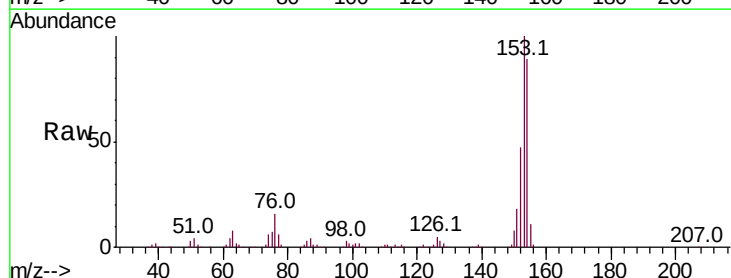
Tgt Ion:153 Resp: 503847

Ion Ratio Lower Upper

153 100

152 47.0 35.9 53.9

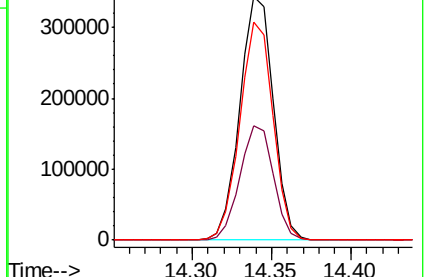
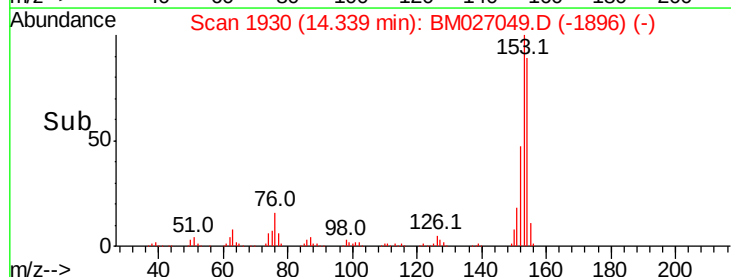
154 89.5 69.4 104.0

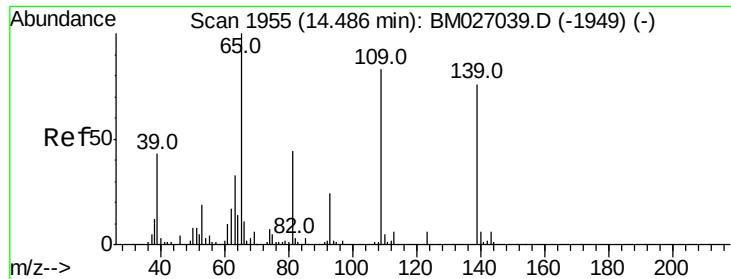


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 33.762 ng/ul

RT: 14.49 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BM027049.D

Acq: 12 Aug 2020 15:30

Instrument :

BNA_M

ClientSampleId :

DBFP7MS

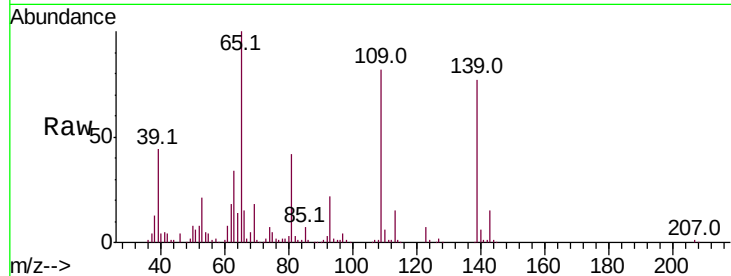
Tot Ion:109 Resp: 109140

Ion Ratio Lower Upper

109 100

139 93.7 77.4 116.2

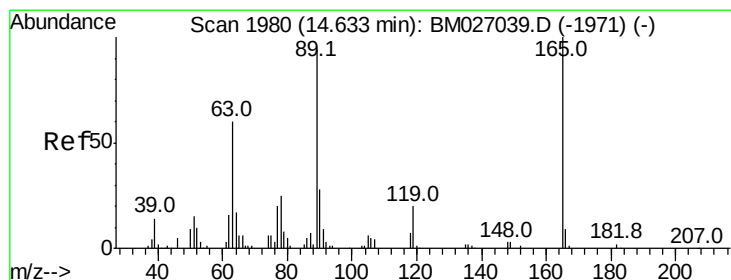
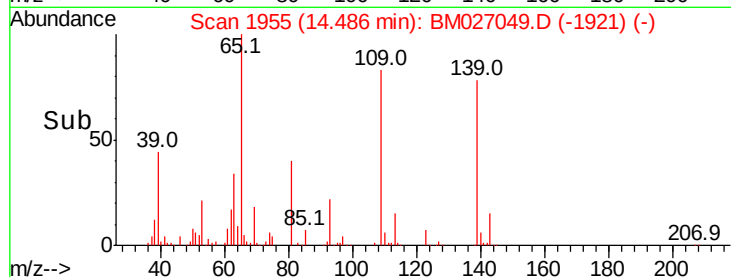
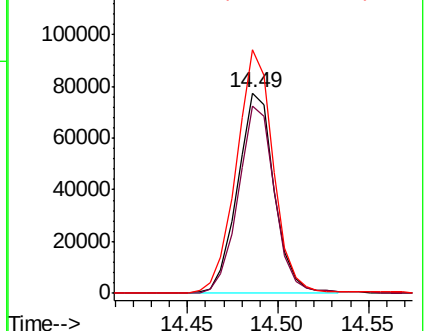
65 121.5 100.6 150.8



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): BM



#55

2,4-Dinitrotoluene

Concen: 32.667 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. 0.01 min

Lab File: BM027049.D

Acq: 12 Aug 2020 15:30

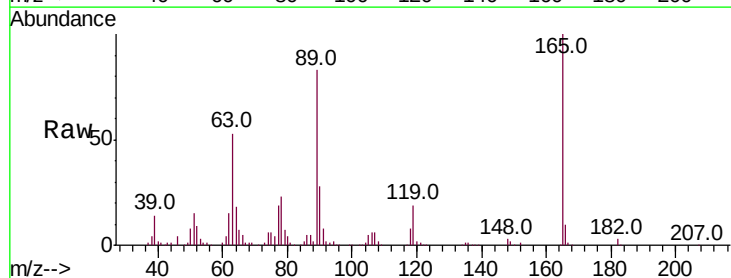
Tgt Ion:165 Resp: 170240

Ion Ratio Lower Upper

165 100

63 52.7 43.4 65.0

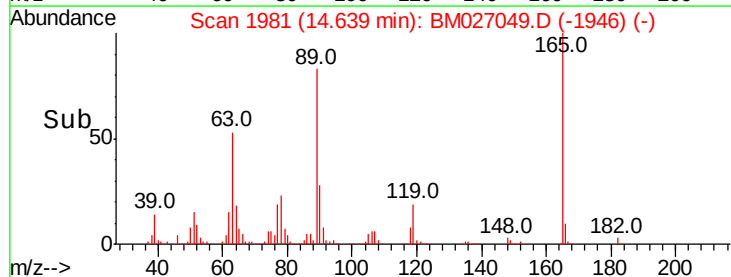
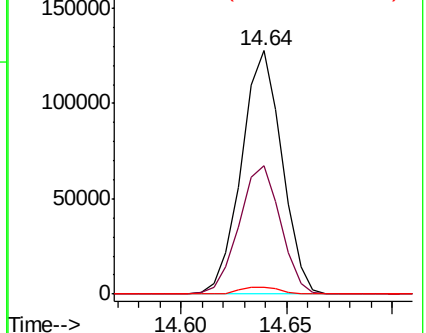
182 2.9 3.0 4.4#

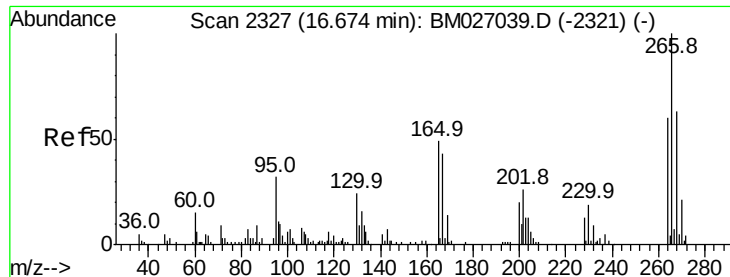


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 32.912 ng/ul

RT: 16.67 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BM027049.D

Acq: 12 Aug 2020 15:30

Instrument :

BNA_M

ClientSampleId :

DBFP7MS

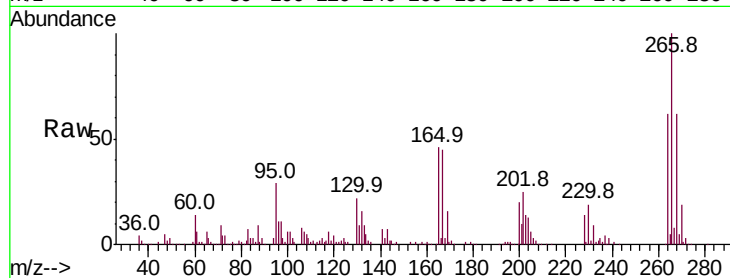
Tot Ion:266 Resp: 131678

Ion Ratio Lower Upper

266 100

264 61.7 48.1 72.1

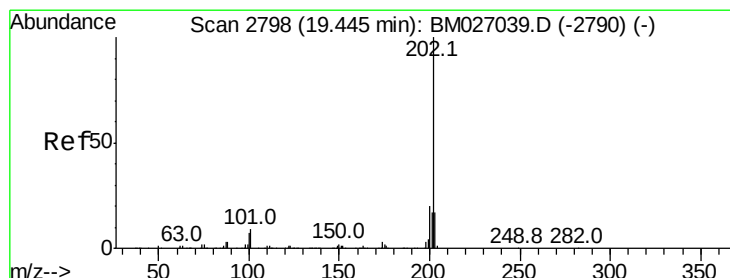
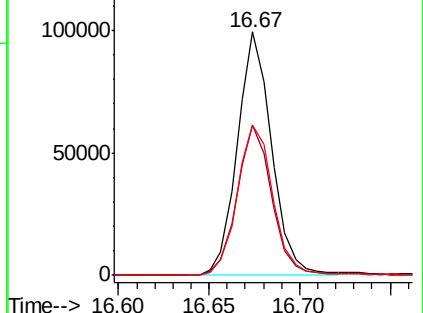
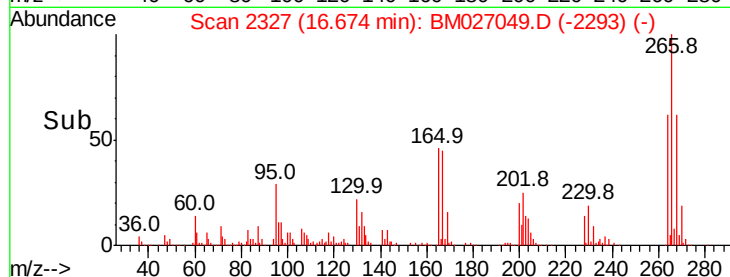
268 61.7 51.0 76.6



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: 34.921 ng/ul

RT: 19.44 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM027049.D

Acq: 12 Aug 2020 15:30

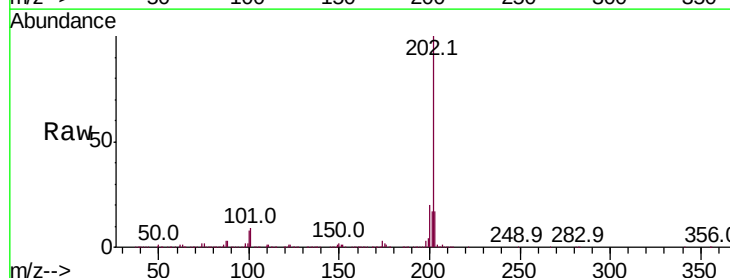
Tgt Ion:202 Resp: 1232624

Ion Ratio Lower Upper

202 100

101 8.6 7.6 11.4

100 7.8 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

