

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM023020.D
 Acq On : 06 Oct 2019 10:40
 Operator : JU
 Sample : K5057-14
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAK2MSD

Quant Time: Oct 06 23:37:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 16:45:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	247590	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1043822	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.42	164	591551	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	1011409	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	877275	20.00	ng/ul	-0.01
86) Perylene-d12	23.60	264	1045382	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	20068	3.51	ng/uL	0.00
5) Phenol-d5	6.95	99	376340	17.20	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	236926	19.79	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.32	132	335840	19.06	ng/ul	-0.01
13) 4-Methylphenol-d8	8.49	113	319492	17.84	ng/ul	-0.01
19) Nitrobenzene-d5	8.94	128	162274	20.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	170775	19.41	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.19	165	326218	18.63	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.70	131	442891	20.81	ng/ul	-0.01
44) Dimethylphthalate-d6	13.83	166	932632	20.31	ng/ul	-0.01
47) Acenaphthylene-d8	14.11	160	1074280	20.27	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.62	143	35049	3.86	ng/ul	-0.01
58) Fluorene-d10	15.41	176	741741	18.96	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.53	200	31504	4.79	ng/ul	-0.01
71) Anthracene-d10	17.26	188	1031347	20.88	ng/ul	-0.01
79) Pyrene-d10	19.55	212	1056499	22.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	1173125	21.69	ng/ul	-0.02

Target Compounds

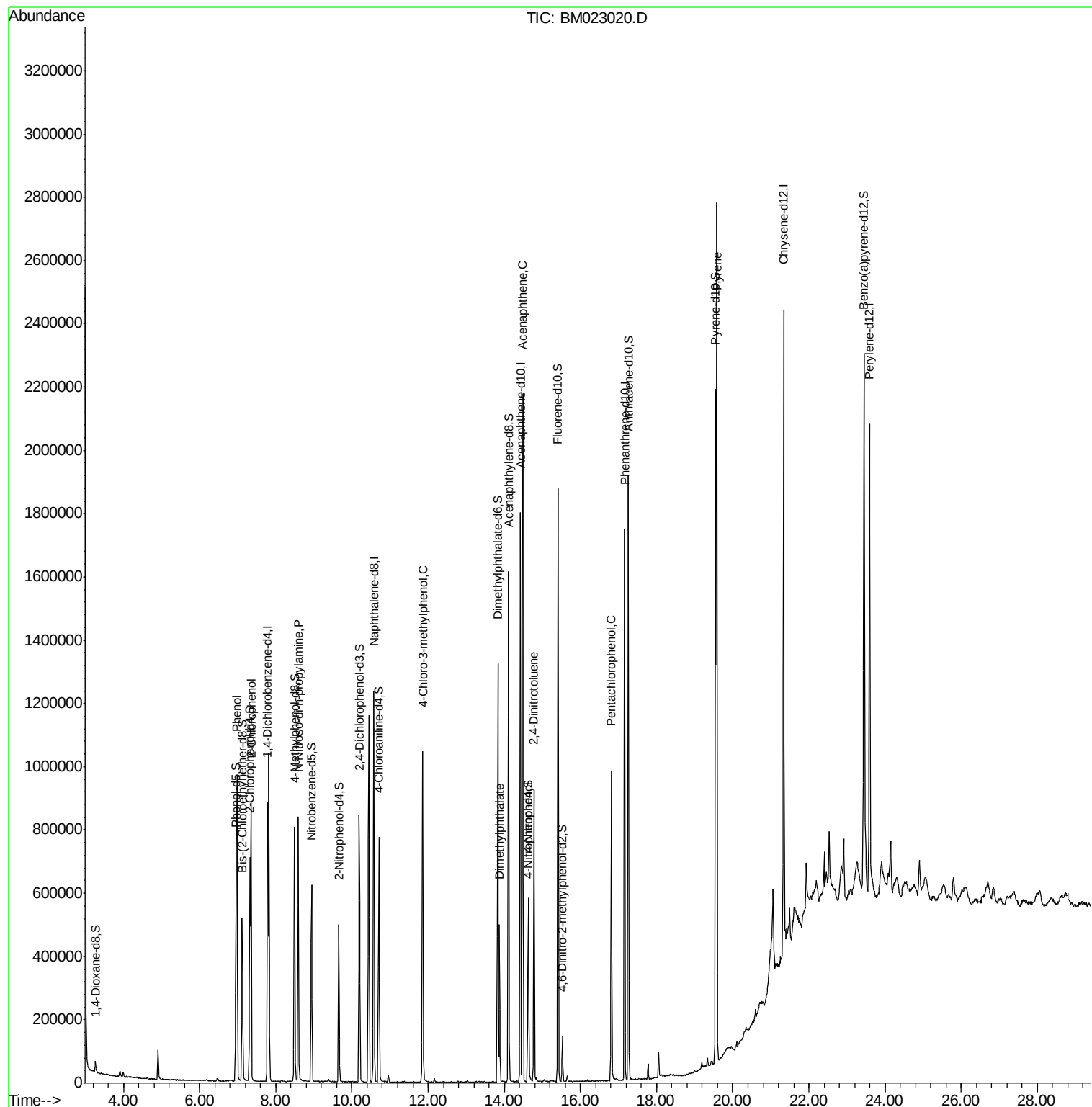
					Ovalue
6) Phenol	6.98	94	537320	23.430	ng/ul 100
10) 2-Chlorophenol	7.35	128	403069	21.330	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.59	70	309533	22.011	ng/ul 99
33) 4-Chloro-3-methylphenol	11.86	107	372999	20.437	ng/ul 99
45) Dimethylphthalate	13.87	163	321462	6.816	ng/ul 100
50) Acenaphthene	14.49	153	900395	22.587	ng/ul 98
53) 4-Nitrophenol	14.63	109	100268	15.124	ng/ul 99
55) 2,4-Dinitrotoluene	14.78	165	270229	19.477	ng/ul 100
69) Pentachlorophenol	16.81	266	173322	19.639	ng/ul 99
80) Pyrene	19.58	202	1579157	25.393	ng/ul 99

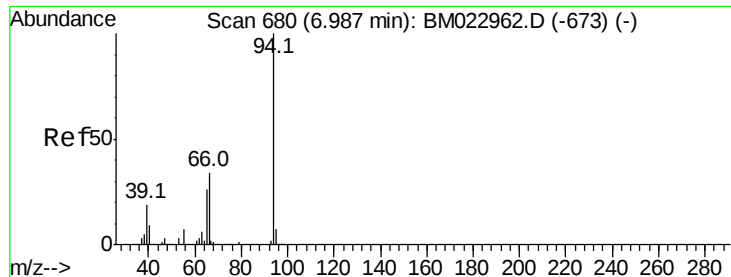
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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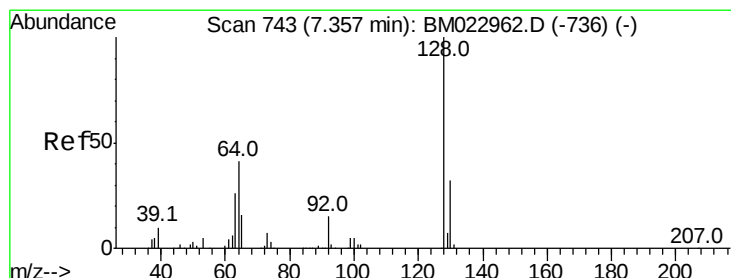
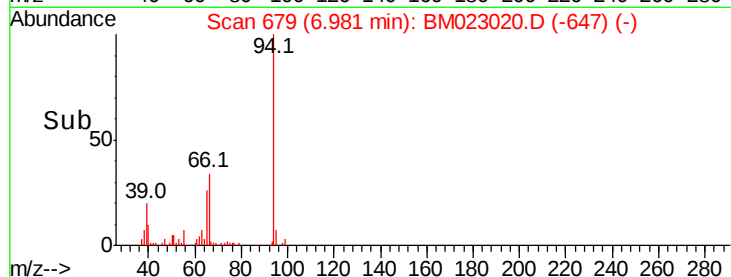
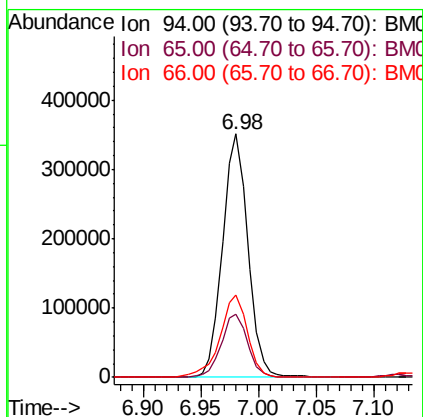
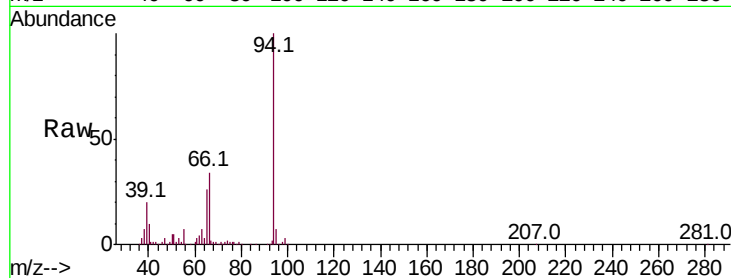
#6

Phenol

Concen: 23.430 ng/ul
 RT: 6.98 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BM023020.D
 Acq: 06 Oct 2019 10:40

Instrument :
 BNA_M
 ClientSampleId :
 DBAK2MSD

Tot Ion	Ratio	Lower	Upper
94	100		
65	26.1	20.9	31.3
66	33.9	27.2	40.8

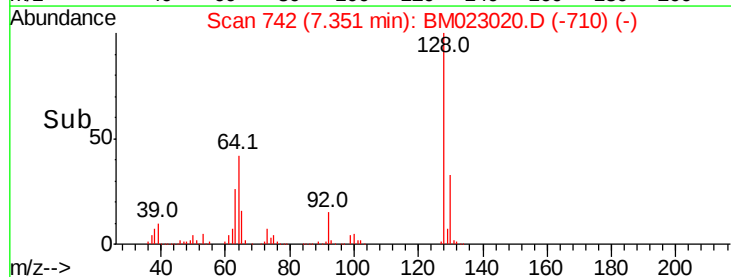
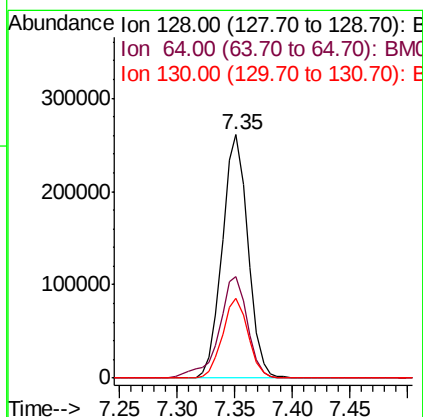
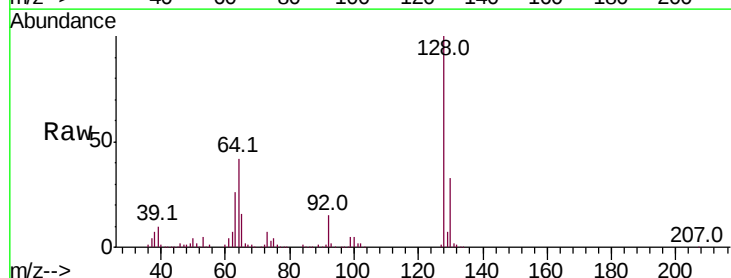


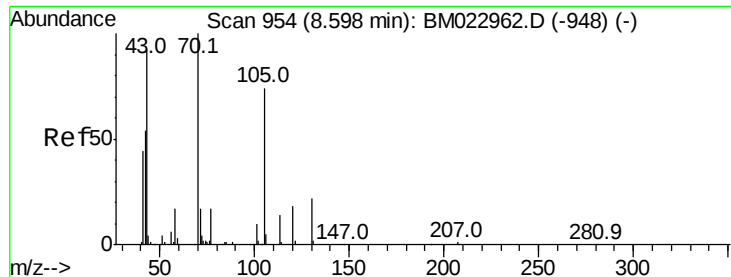
#10

2-Chlorophenol

Concen: 21.330 ng/ul
 RT: 7.35 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BM023020.D
 Acq: 06 Oct 2019 10:40

Tgt Ion	Ratio	Lower	Upper
128	100		
64	41.6	34.1	51.1
130	32.8	26.0	39.0





#15

N-Nitroso-di-n-propylamine

Concen: 22.011 ng/ul

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM023020.D

Acq: 06 Oct 2019 10:40

Instrument :

BNA_M

ClientSampleId :

DBAK2MSD

Tot Ion: 70 Resp: 309533

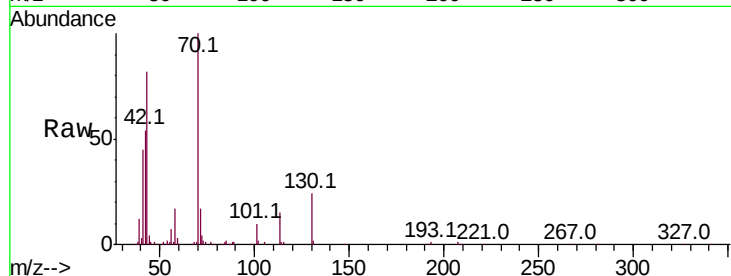
Ion Ratio Lower Upper

70 100

42 54.5 44.6 66.8

101 10.4 8.2 12.2

130 23.5 18.7 28.1



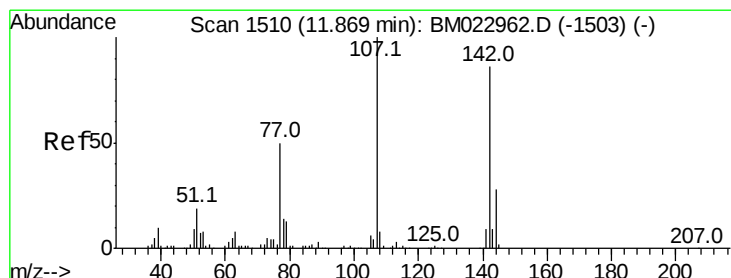
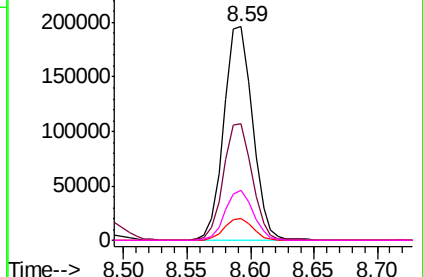
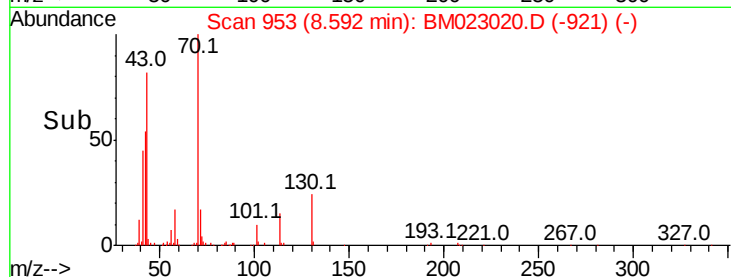
Abundance Ion 70.00 (69.70 to 70.70): BM0

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-->



#33

4-Chloro-3-methylphenol

Concen: 20.437 ng/ul

RT: 11.86 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BM023020.D

Acq: 06 Oct 2019 10:40

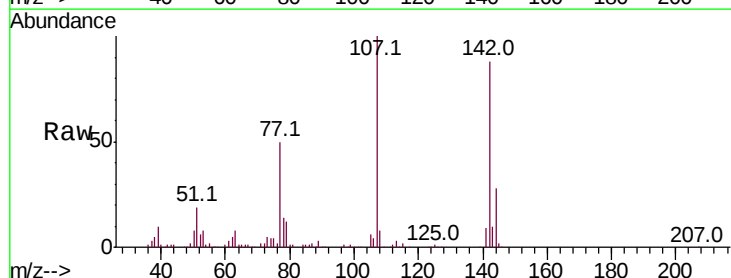
Tgt Ion: 107 Resp: 372999

Ion Ratio Lower Upper

107 100

144 28.3 22.5 33.7

142 87.6 68.9 103.3

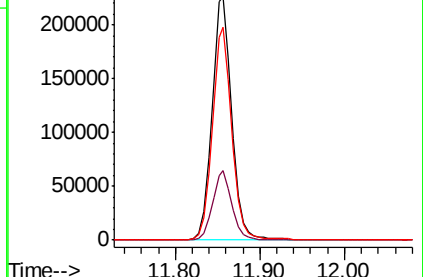
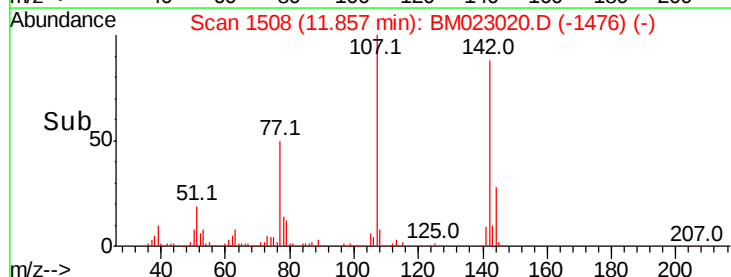


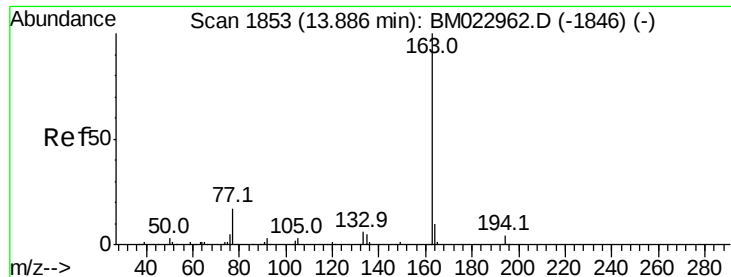
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->





#45

Dimethylphthalate

Concen: 6.816 ng/ul

RT: 13.87 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BM023020.D

Acq: 06 Oct 2019 10:40

Instrument :

BNA_M

ClientSampleId :

DBAK2MSD

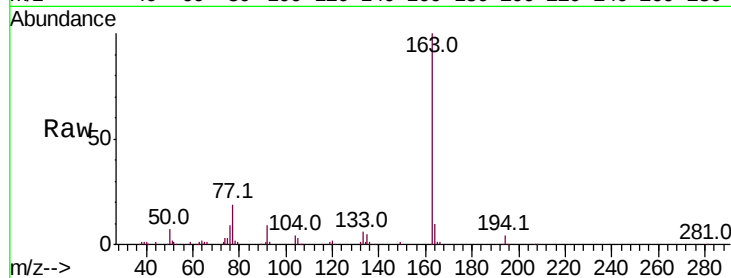
Tot Ion:163 Resp: 321462

Ion Ratio Lower Upper

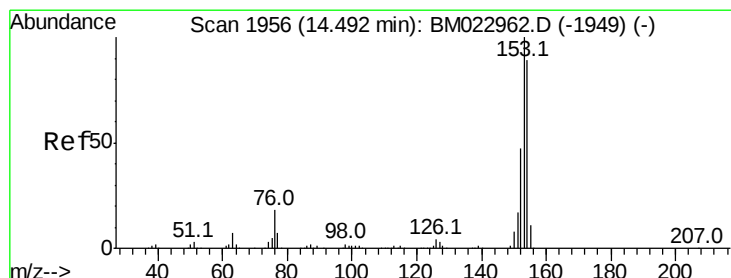
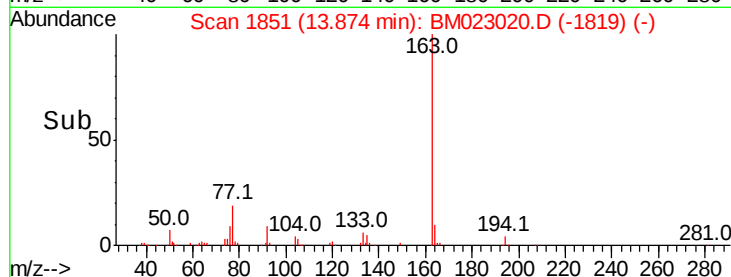
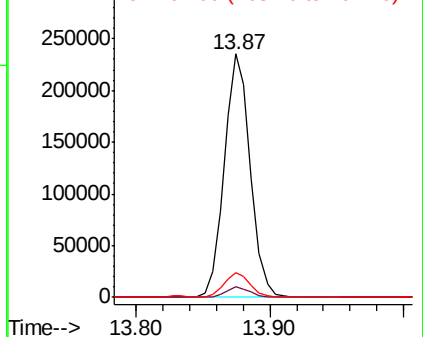
163 100

194 4.1 3.4 5.0

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: 22.587 ng/ul

RT: 14.49 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM023020.D

Acq: 06 Oct 2019 10:40

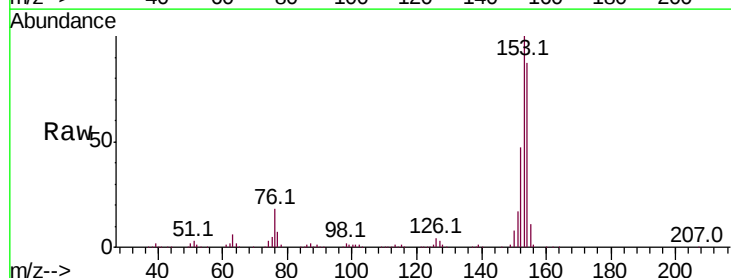
Tgt Ion:153 Resp: 900395

Ion Ratio Lower Upper

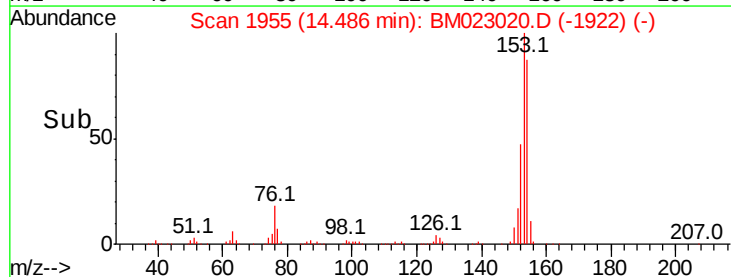
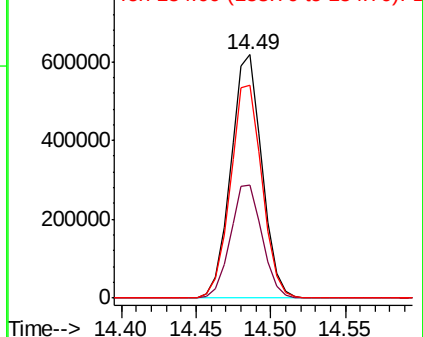
153 100

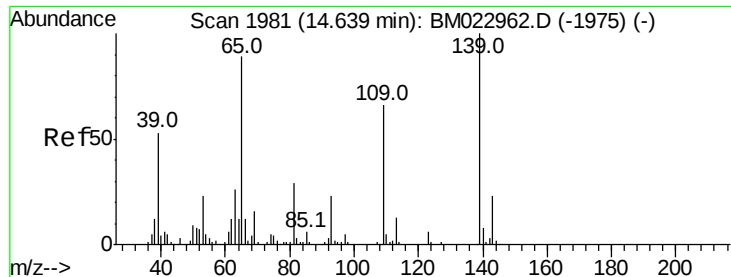
152 46.5 38.1 57.1

154 87.4 71.1 106.7



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

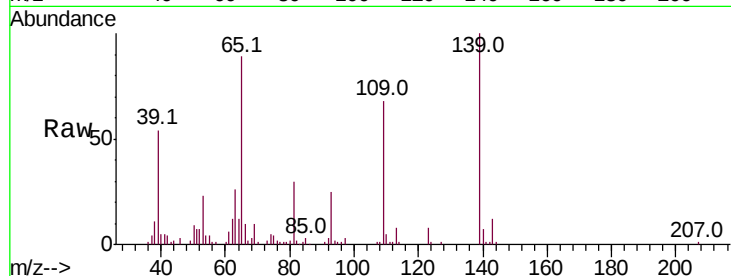




#53
4-Nitrophenol
Concen: 15.124 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BM023020.D
Acq: 06 Oct 2019 10:40

Instrument :
BNA_M
ClientSampleId :
DBAK2MSD

Tot Ion	Ratio	Lower	Upper
109	100		
139	147.7	119.5	179.3
65	131.9	105.0	157.4

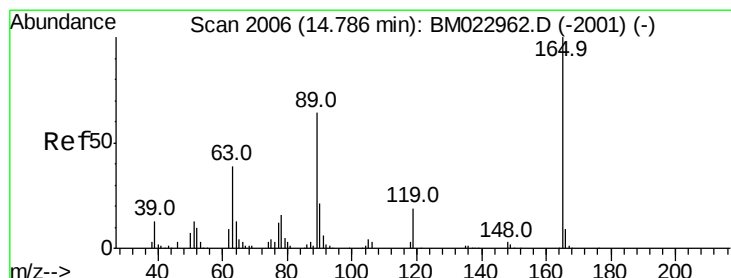
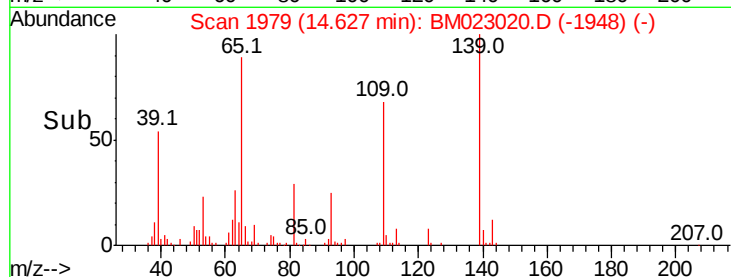
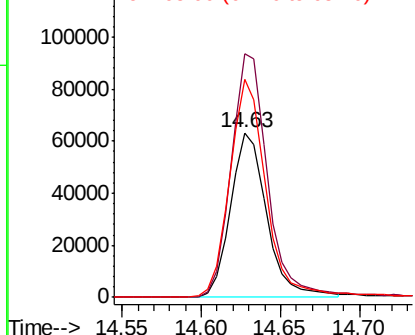


Abundance

Ion 109.00 (108.70 to 109.70): E

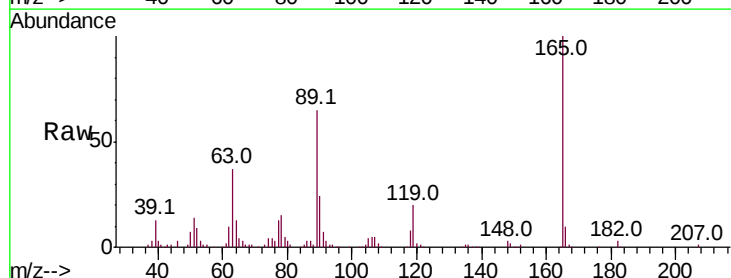
Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BMC



#55
2,4-Dinitrotoluene
Concen: 19.477 ng/ul
RT: 14.78 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BM023020.D
Acq: 06 Oct 2019 10:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.1	29.8	44.6
182	2.7	2.2	3.4

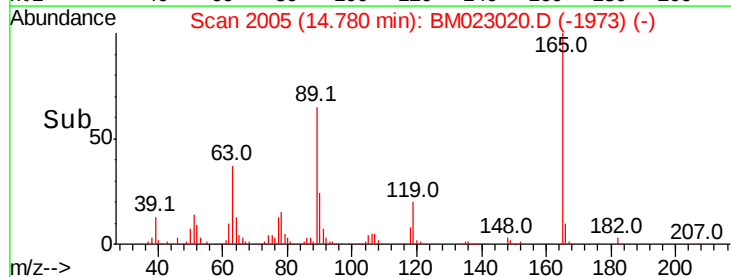
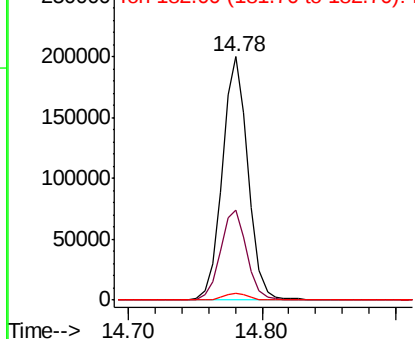


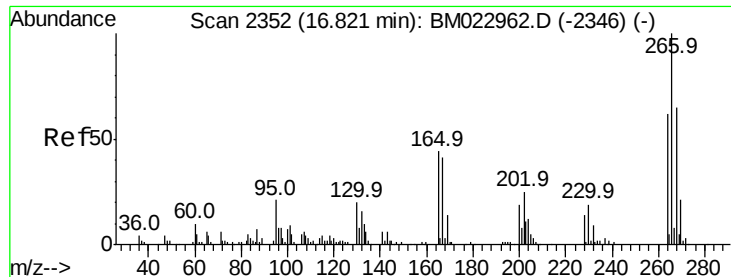
Abundance

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: 19.639 ng/ul

RT: 16.81 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BM023020.D

Acq: 06 Oct 2019 10:40

Instrument :

BNA_M

ClientSampleId :

DBAK2MSD

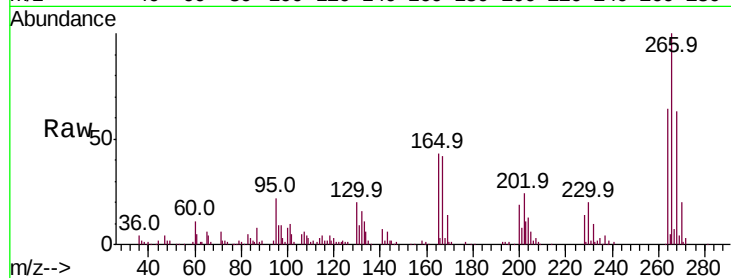
Tot Ion:266 Resp: 173322

Ion Ratio Lower Upper

266 100

264 63.9 50.8 76.2

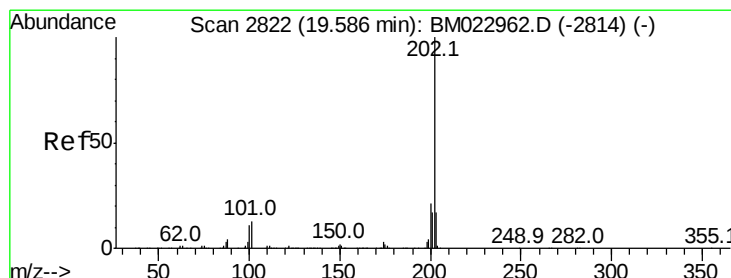
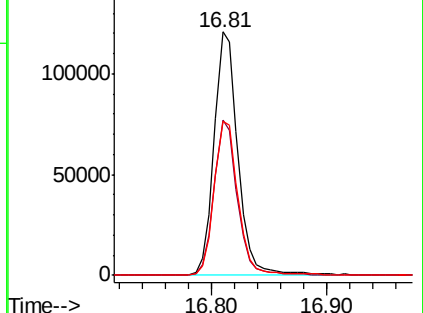
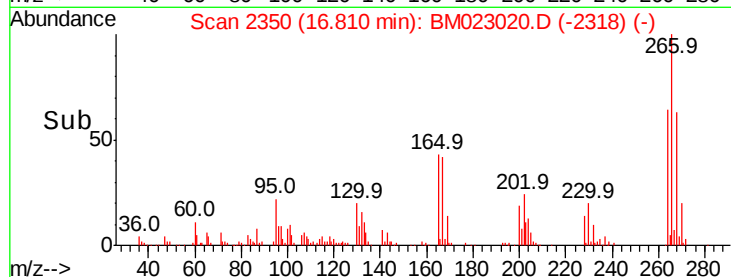
268 63.2 51.4 77.0



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: 25.393 ng/ul

RT: 19.58 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BM023020.D

Acq: 06 Oct 2019 10:40

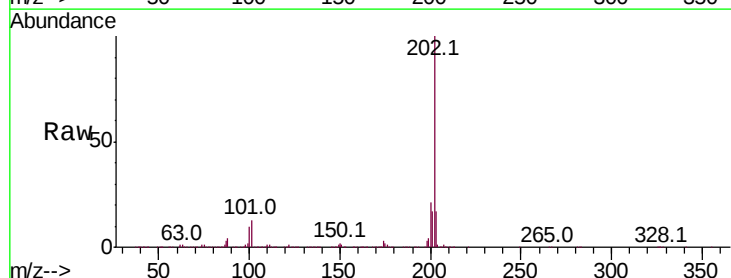
Tgt Ion:202 Resp: 1579157

Ion Ratio Lower Upper

202 100

101 12.5 9.7 14.5

100 10.1 7.8 11.8



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

