

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM023019.D
 Acq On : 06 Oct 2019 10:05
 Operator : JU
 Sample : K5057-13
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 06 23:37:44 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	240743	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1084163	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.42	164	701187	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	1473741	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	1270745	20.00	ng/ul	-0.01
86) Perylene-d12	23.60	264	1169108	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	17458	3.14	ng/uL	0.00
5) Phenol-d5	6.95	99	331689	15.59	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	191650	16.46	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.32	132	280415	16.37	ng/ul	-0.01
13) 4-Methylphenol-d8	8.49	113	283676	16.29	ng/ul	-0.01
19) Nitrobenzene-d5	8.94	128	139049	16.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	147521	16.15	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.20	165	294644	16.20	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.71	131	415654	18.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.83	166	940642	17.28	ng/ul	-0.01
47) Acenaphthylene-d8	14.11	160	1083199	17.24	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.62	143	47501	4.42	ng/ul	-0.01
58) Fluorene-d10	15.42	176	807988	17.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	39186	4.09	ng/ul	-0.01
71) Anthracene-d10	17.26	188	1293569	17.97	ng/ul	-0.01
79) Pyrene-d10	19.55	212	1443732	21.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	1113509	18.41	ng/ul	-0.02

Target Compounds

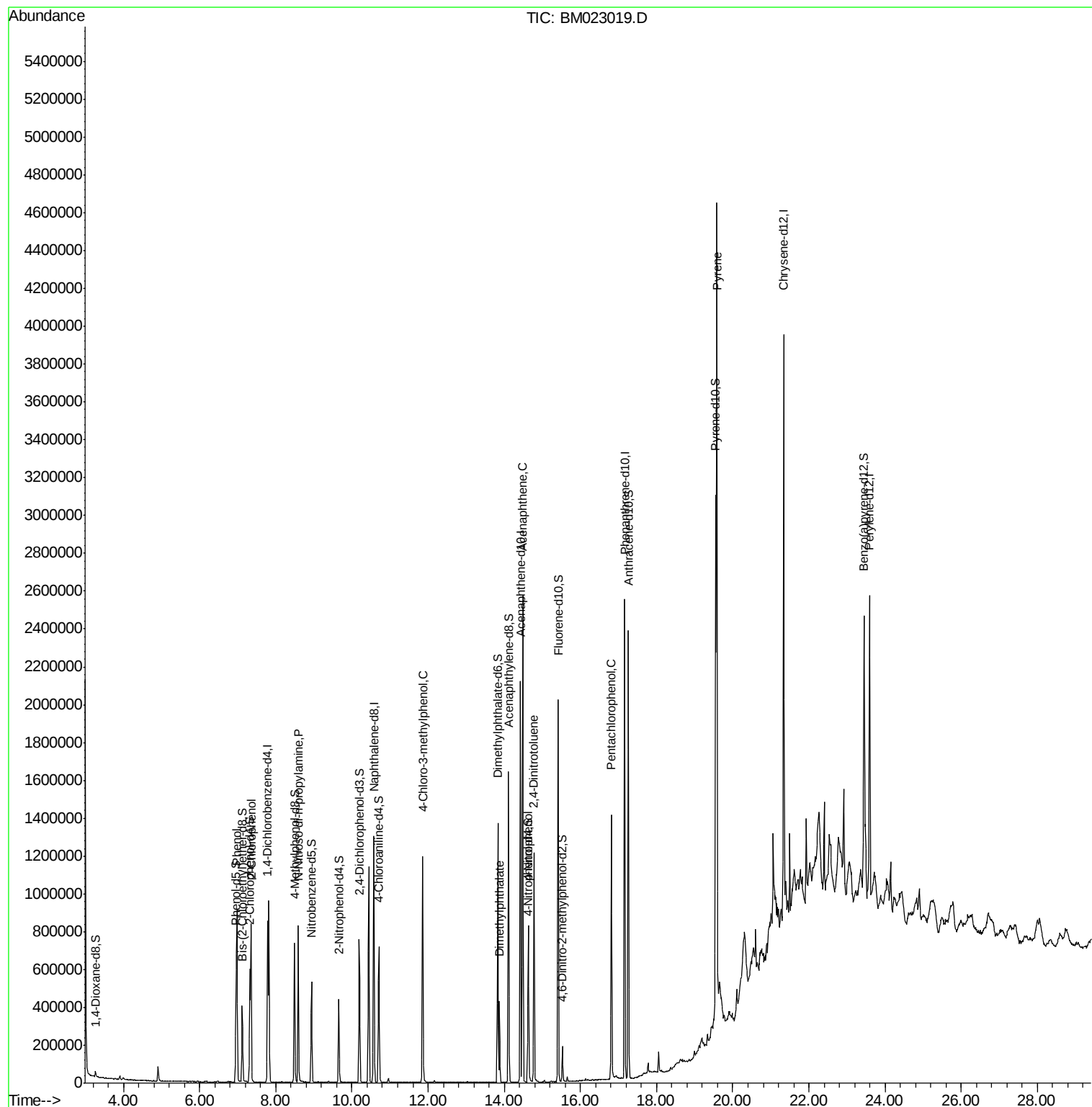
					Ovalue
6) Phenol	6.98	94	518076	23.233	ng/ul 99
10) 2-Chlorophenol	7.35	128	381192	20.746	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.59	70	302237	22.103	ng/ul 98
33) 4-Chloro-3-methylphenol	11.86	107	422175	22.271	ng/ul 99
45) Dimethylphthalate	13.87	163	274665	4.913	ng/ul 100
50) Acenaphthene	14.49	153	1039074	21.991	ng/ul 100
53) 4-Nitrophenol	14.63	109	139937	17.807	ng/ul 98
55) 2,4-Dinitrotoluene	14.78	165	355509	21.617	ng/ul 98
69) Pentachlorophenol	16.82	266	252691	19.650	ng/ul 99
80) Pyrene	19.58	202	2406373	26.714	ng/ul 97

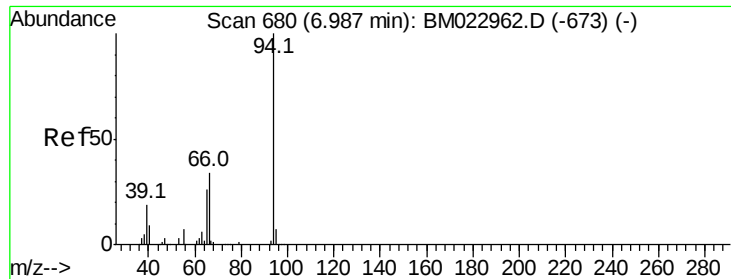
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 16:45:59 2019
Response via : Initial Calibration





#6

Phenol

Concen: 23.233 ng/ul

RT: 6.98 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM023019.D

Acq: 06 Oct 2019 10:05

Instrument :

BNA_M

ClientSampleId :

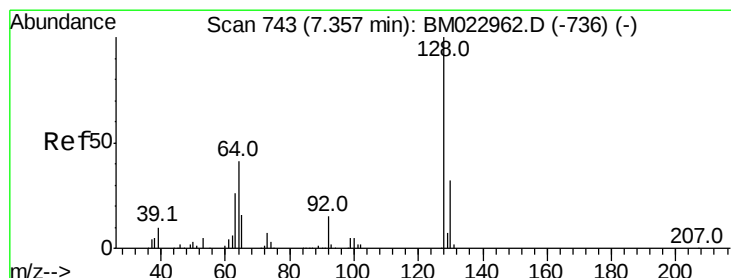
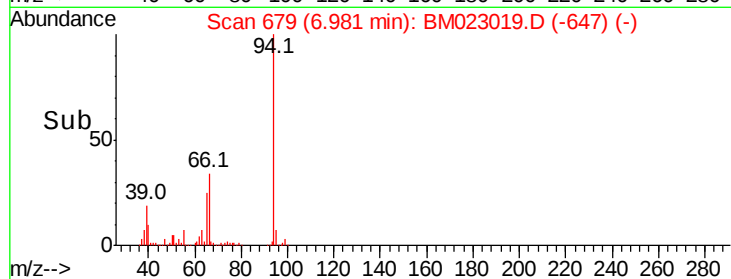
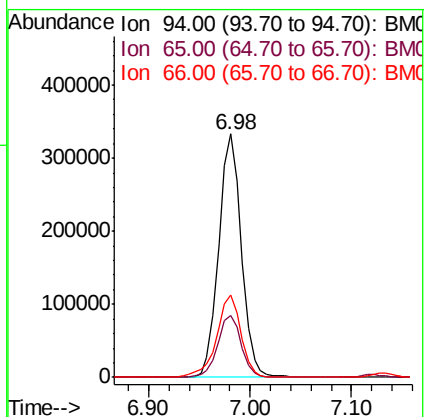
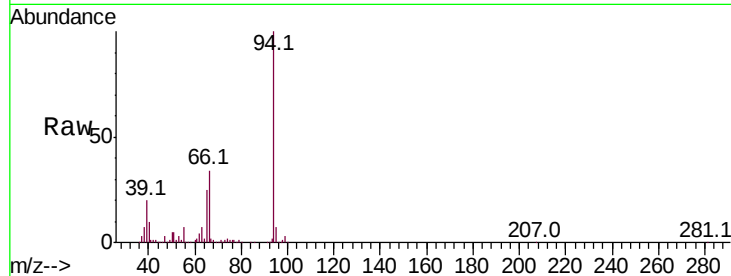
Tot Ion: 94 Resp: 518076

Ion Ratio Lower Upper

94 100

65 25.4 20.9 31.3

66 34.0 27.2 40.8



#10

2-Chlorophenol

Concen: 20.746 ng/ul

RT: 7.35 min Scan# 742

Delta R.T. -0.01 min

Lab File: BM023019.D

Acq: 06 Oct 2019 10:05

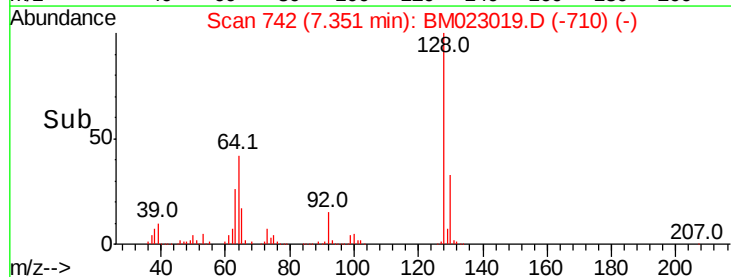
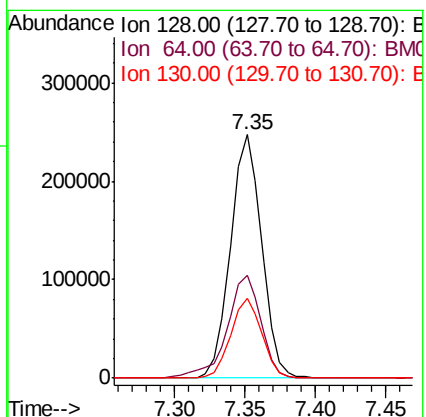
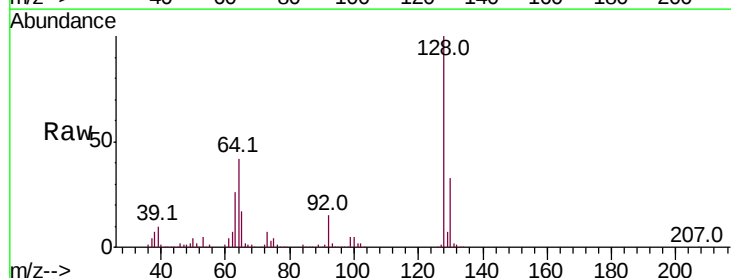
Tgt Ion: 128 Resp: 381192

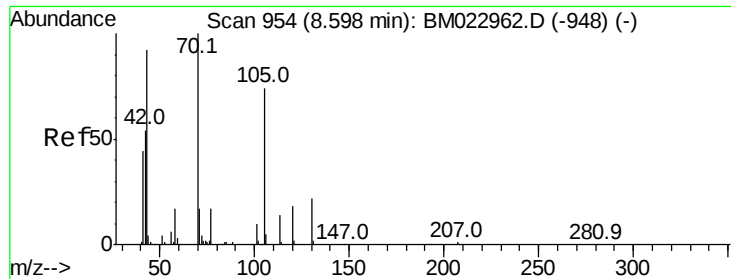
Ion Ratio Lower Upper

128 100

64 42.1 34.1 51.1

130 32.8 26.0 39.0





#15

N-Nitroso-di-n-propylamine

Concen: 22.103 ng/ul

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM023019.D

Acq: 06 Oct 2019 10:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 302237

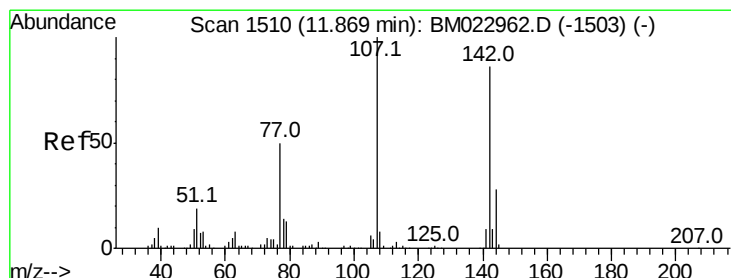
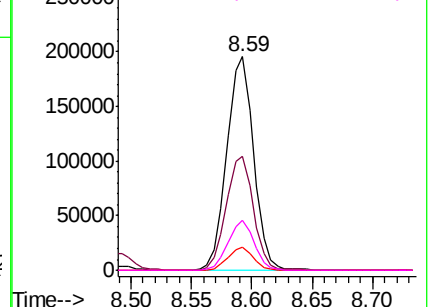
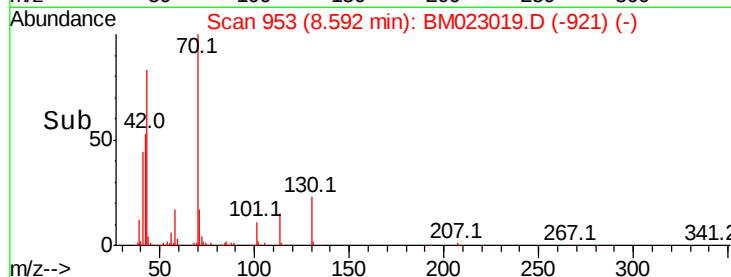
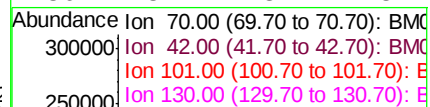
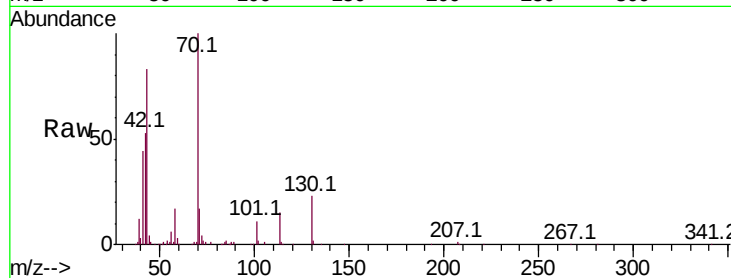
Ion	Ratio	Lower	Upper
70	100		
42	53.3	44.6	66.8
101	10.5	8.2	12.2
130	23.4	18.7	28.1

70 100

42 53.3 44.6 66.8

101 10.5 8.2 12.2

130 23.4 18.7 28.1



#33

4-Chloro-3-methylphenol

Concen: 22.271 ng/ul

RT: 11.86 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BM023019.D

Acq: 06 Oct 2019 10:05

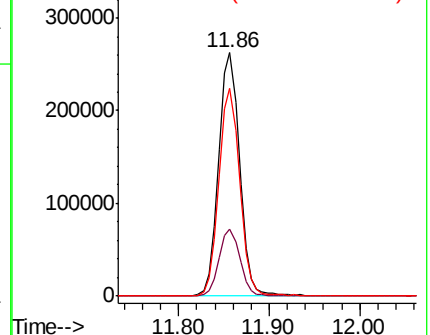
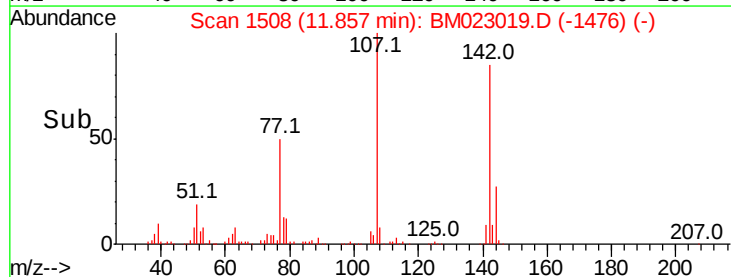
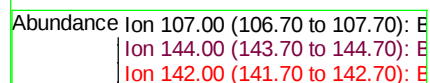
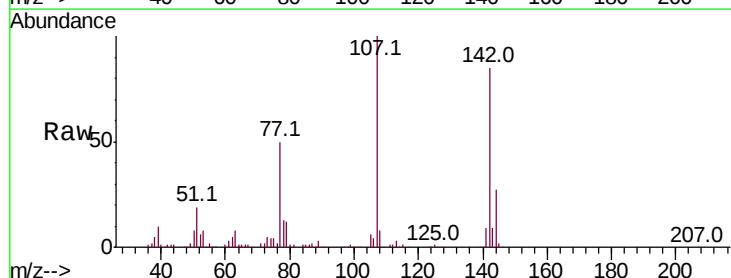
Tgt Ion: 107 Resp: 422175

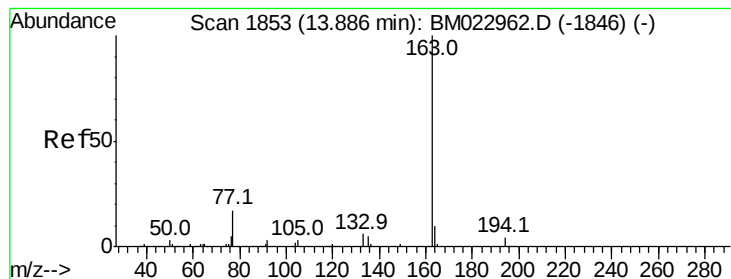
Ion	Ratio	Lower	Upper
107	100		
144	27.4	22.5	33.7
142	85.1	68.9	103.3

107 100

144 27.4 22.5 33.7

142 85.1 68.9 103.3





#45

Dimethylphthalate

Concen: 4.913 ng/ul

RT: 13.87 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BM023019.D

Acq: 06 Oct 2019 10:05

Instrument :

BNA_M

ClientSampled :

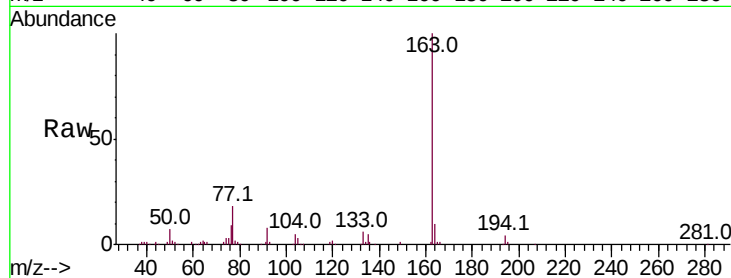
Tot Ion:163 Resp: 274665

Ion Ratio Lower Upper

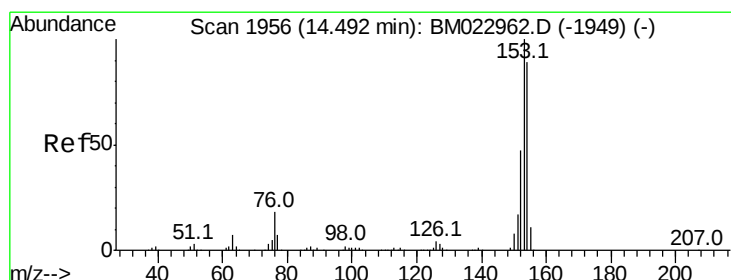
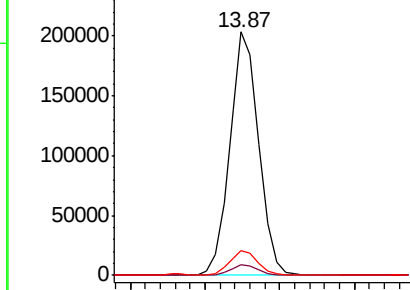
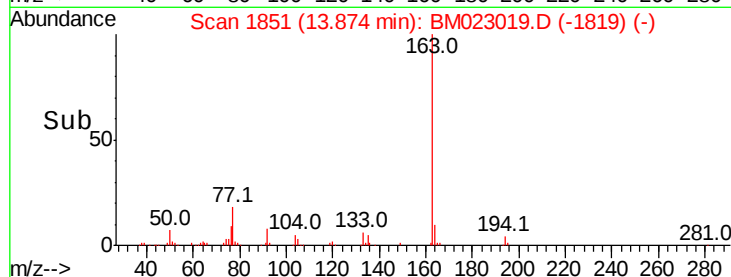
163 100

194 4.2 3.4 5.0

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: 21.991 ng/ul

RT: 14.49 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM023019.D

Acq: 06 Oct 2019 10:05

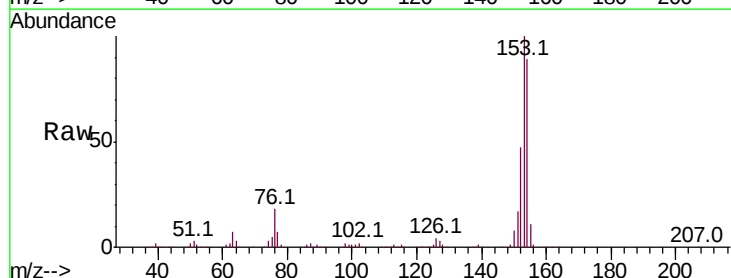
Tgt Ion:153 Resp: 1039074

Ion Ratio Lower Upper

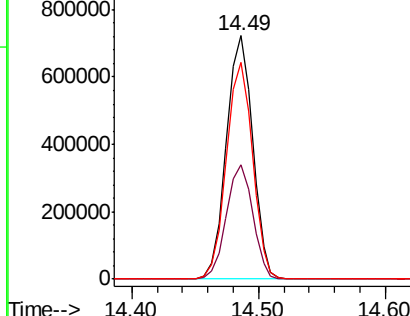
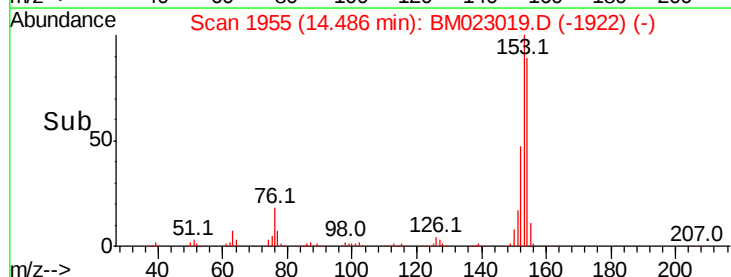
153 100

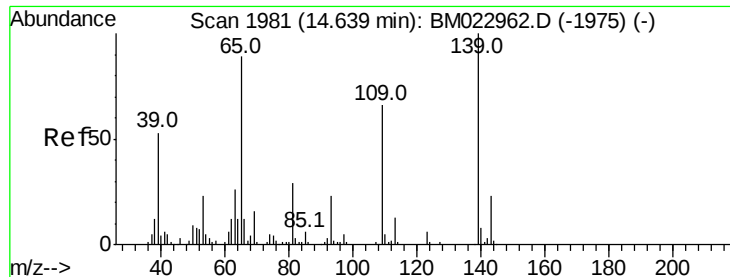
152 47.2 38.1 57.1

154 89.1 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: 17.807 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM023019.D

Acq: 06 Oct 2019 10:05

Instrument :

BNA_M

ClientSampled :

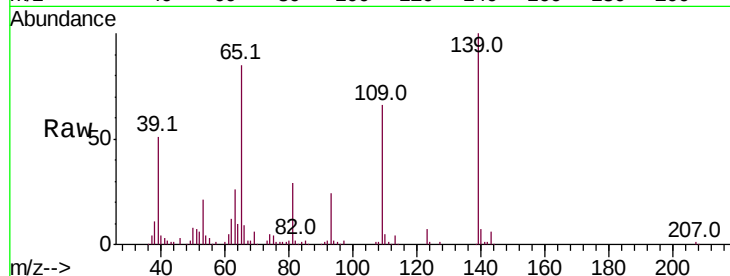
Tot Ion:109 Resp: 139937

Ion Ratio Lower Upper

109 100

139 152.2 119.5 179.3

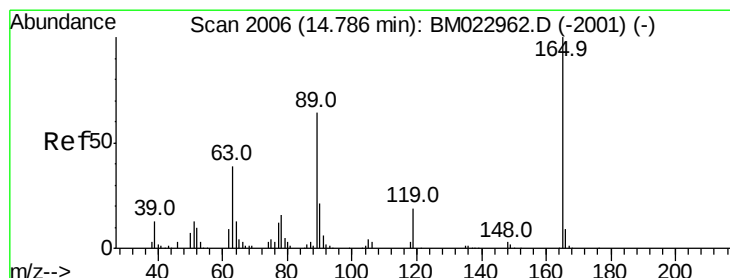
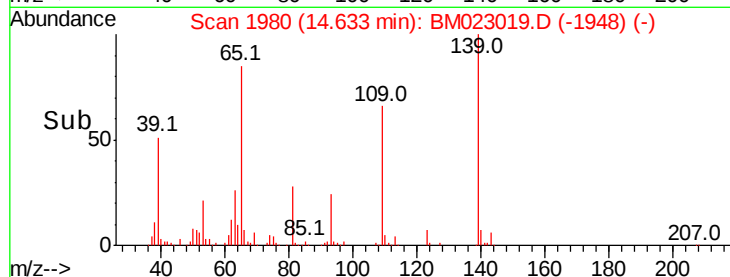
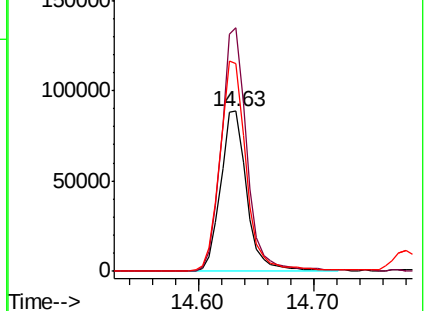
65 129.6 105.0 157.4



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): BM



#55

2,4-Dinitrotoluene

Concen: 21.617 ng/ul

RT: 14.78 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BM023019.D

Acq: 06 Oct 2019 10:05

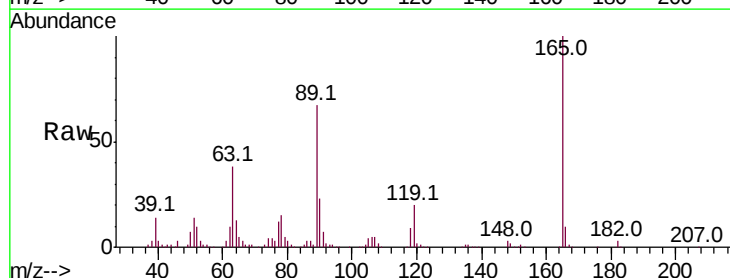
Tgt Ion:165 Resp: 355509

Ion Ratio Lower Upper

165 100

63 38.2 29.8 44.6

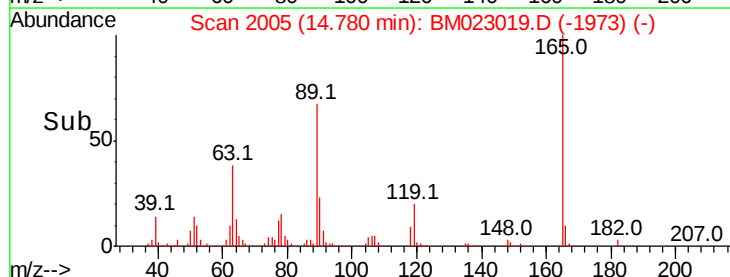
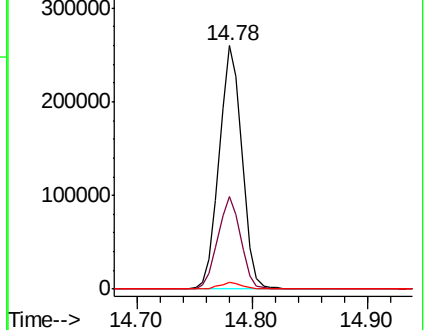
182 3.0 2.2 3.4

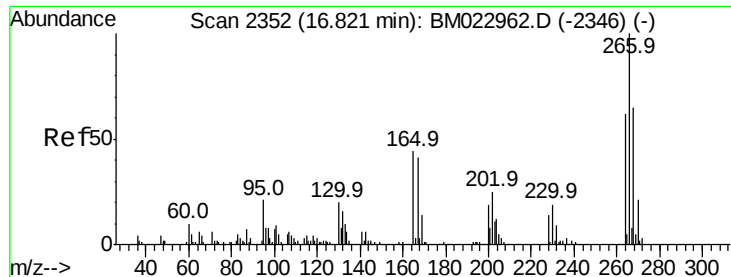


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

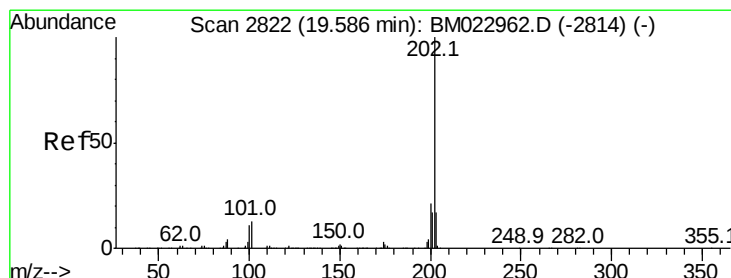
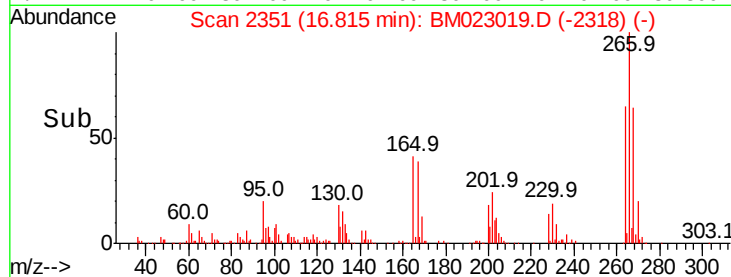
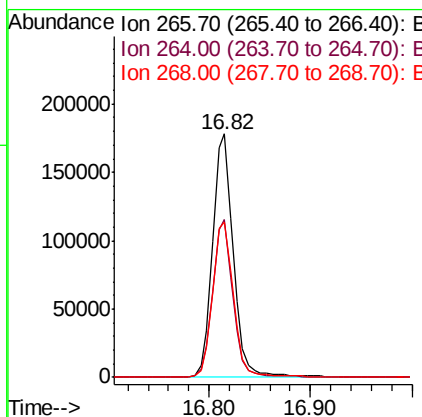
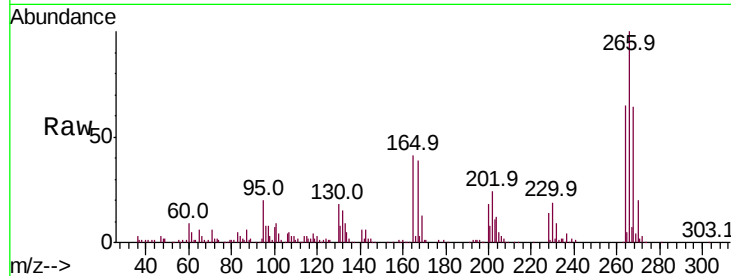




#69
 Pentachlorophenol
 Concen: 19.650 ng/ul
 RT: 16.82 min Scan# 2351
 Delta R.T. -0.01 min
 Lab File: BM023019.D
 Acq: 06 Oct 2019 10:05

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	64.7	50.8	76.2
268	63.7	51.4	77.0



#80
 Pyrene
 Concen: 26.714 ng/ul
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM023019.D
 Acq: 06 Oct 2019 10:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.7	14.5
100	10.9	7.8	11.8

