

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 :
 DBAK2MS

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

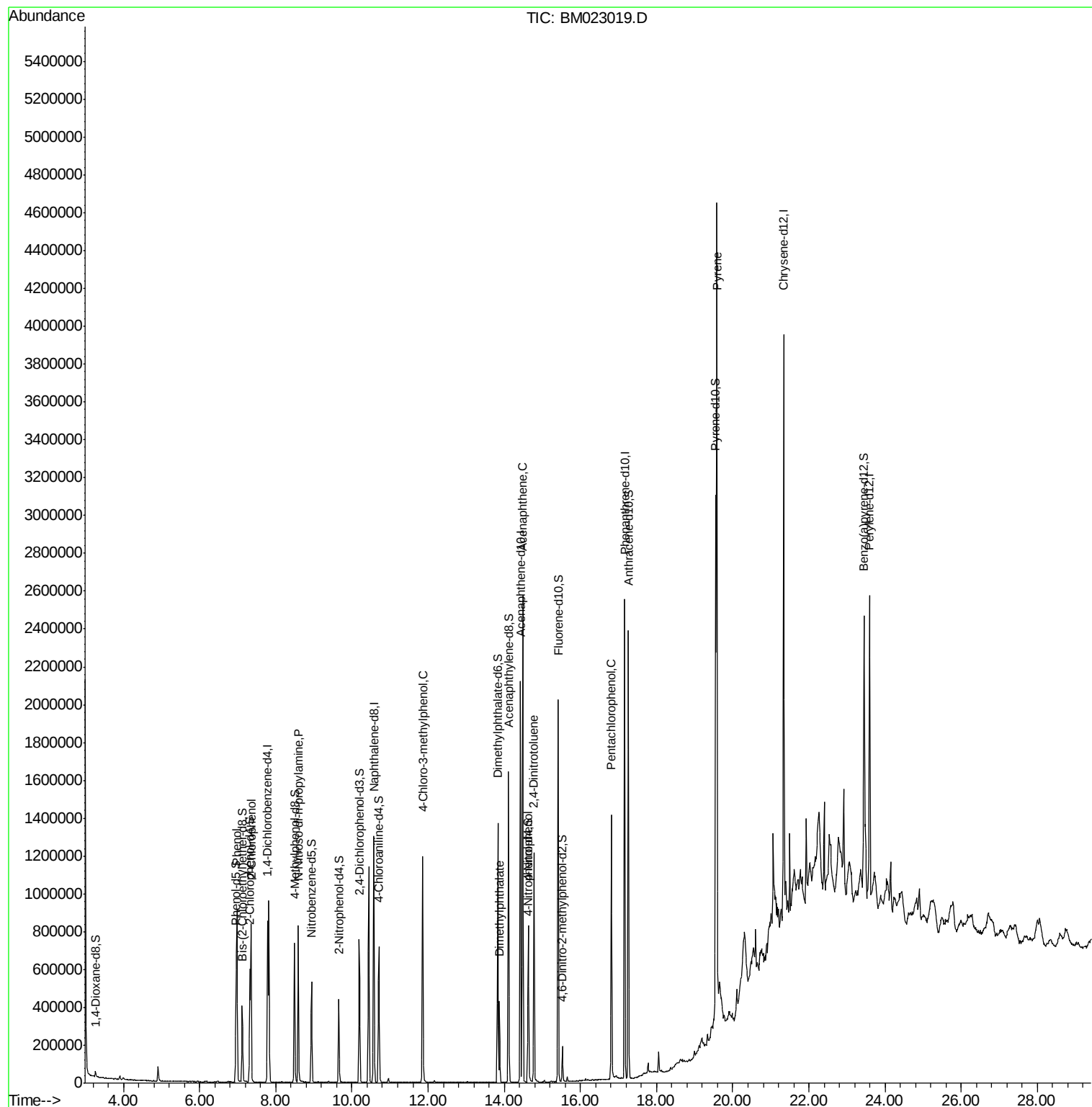
					Ovalue
6) Phenol	6.98	94	518076	23.233	ng/ul 99
10) 2-Chlorophenol	7.35	128	381192	20.746	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.59	70	302237	22.103	ng/ul 98
33) 4-Chloro-3-methylphenol	11.86	107	422175	22.271	ng/ul 99
45) Dimethylphthalate	13.87	163	274665	4.913	ng/ul 100
50) Acenaphthene	14.49	153	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

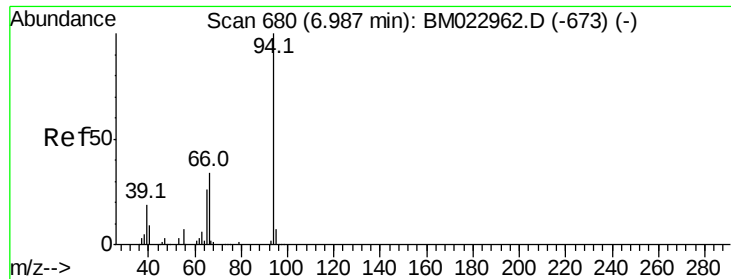
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

DBAK2MS

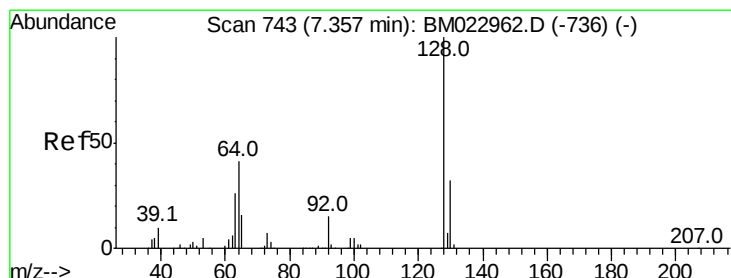
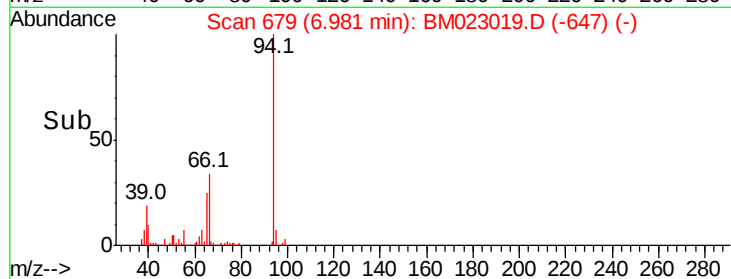
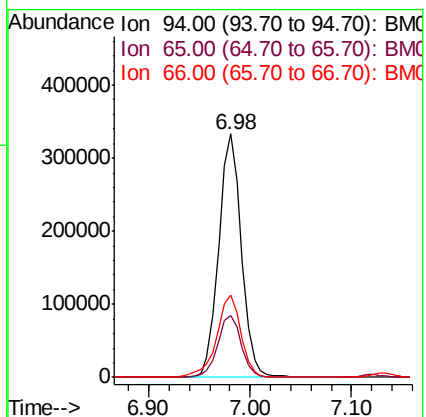
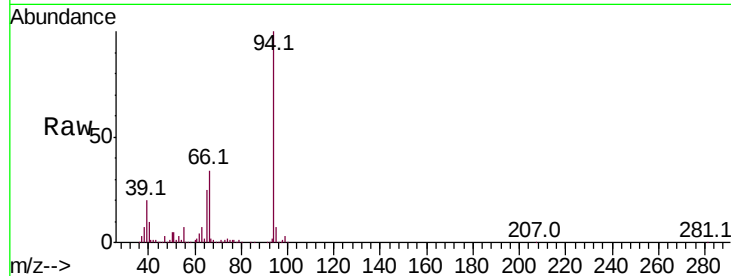
Tot Ion: 94 Resp: 518076

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

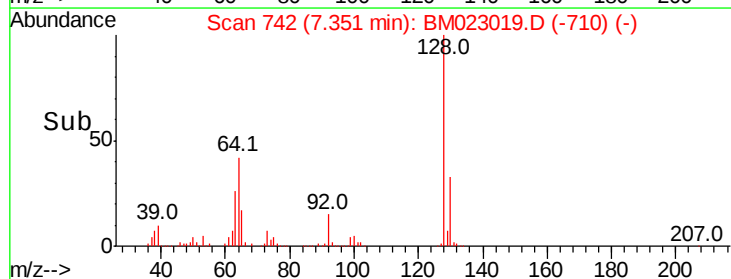
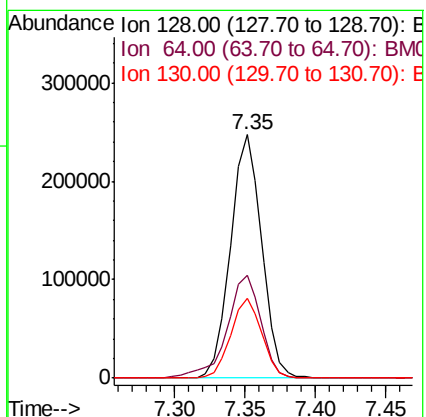
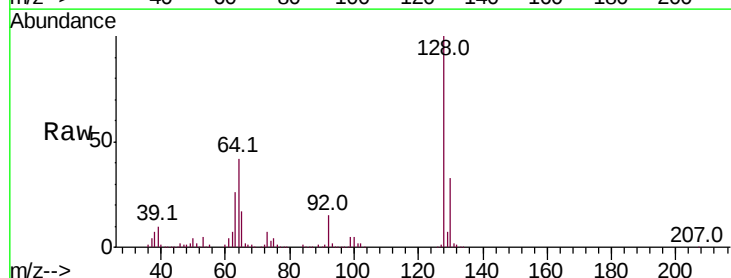
Tgt Ion: 128 Resp: 381192

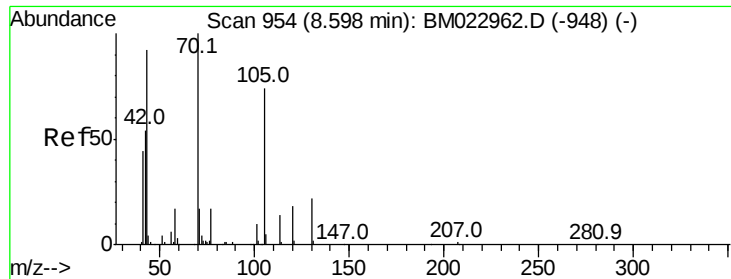
Ion Ratio Lower Upper

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 :

DBAK2MS

Tot Ion: 70 Resp: 302237

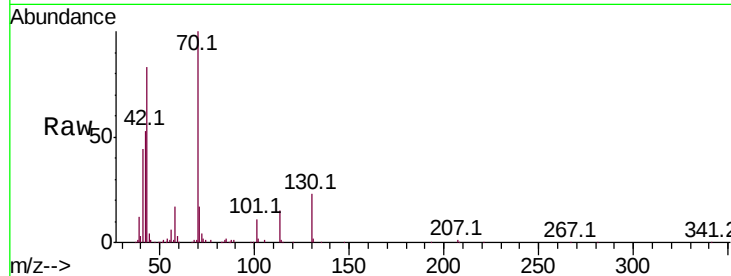
Ion Ratio Lower Upper

70 100

42 53.3 44.6 66.8

101 10.5 8.2 12.2

130 23.4 18.7 28.1

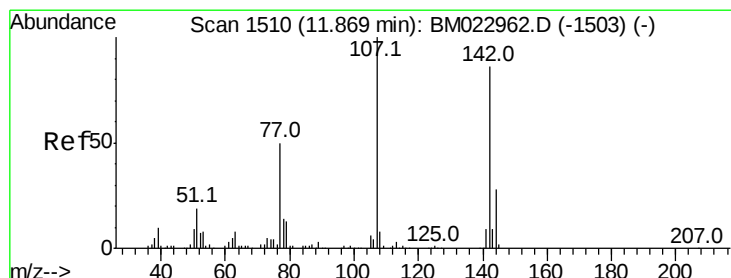
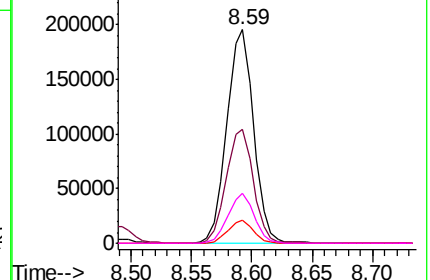
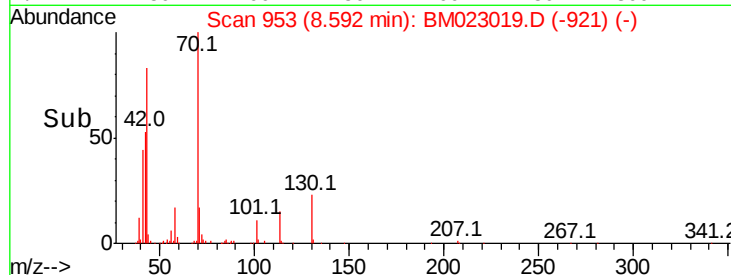


Abundance Ion 70.00 (69.70 to 70.70): BM022962.D (-948) (-)

Ion 42.00 (41.70 to 42.70): BM022962.D (-948) (-)

Ion 101.00 (100.70 to 101.70): BM022962.D (-948) (-)

Ion 130.00 (129.70 to 130.70): BM022962.D (-948) (-)



#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

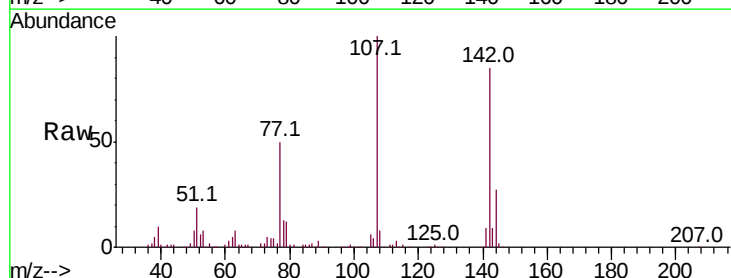
Tgt Ion:107 Resp: 422175

Ion Ratio Lower Upper

107 100

144 27.4 22.5 33.7

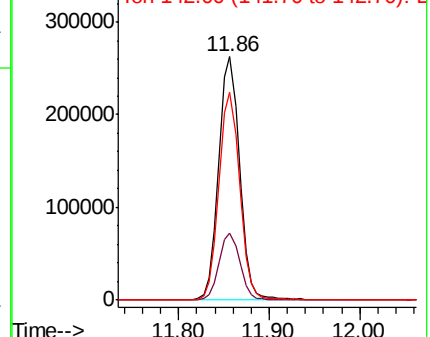
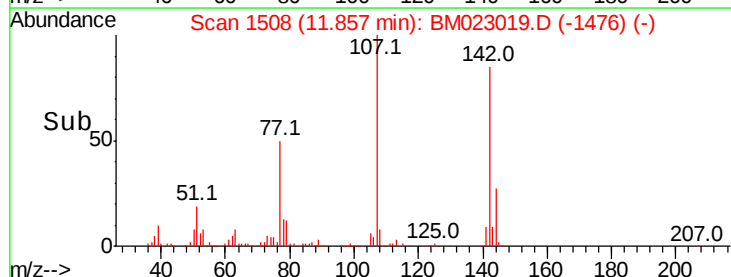
142 85.1 68.9 103.3

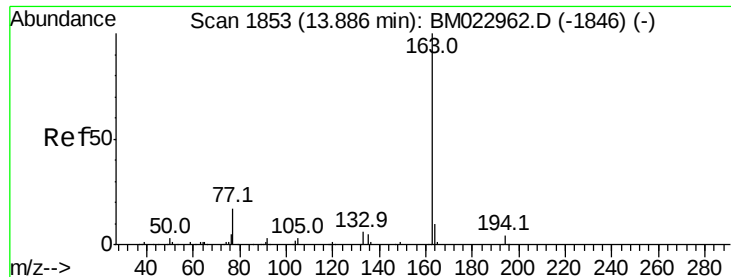


Abundance Ion 107.00 (106.70 to 107.70): BM022962.D (-1503) (-)

Ion 144.00 (143.70 to 144.70): BM022962.D (-1503) (-)

Ion 142.00 (141.70 to 142.70): BM022962.D (-1503) (-)





#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

ClientSampleId :

DBAK2MS

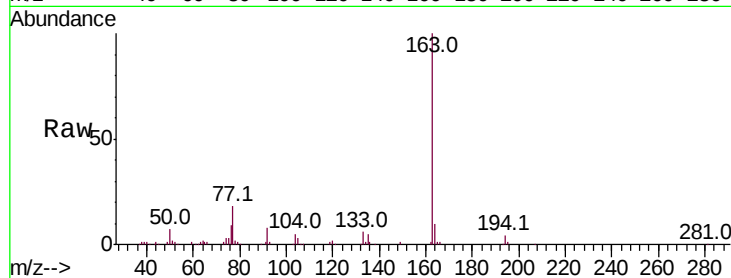
Tot Ion:163 Resp: 274665

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

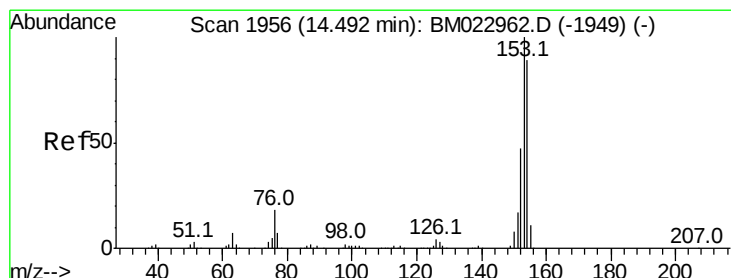
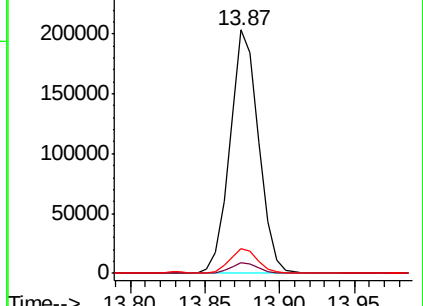
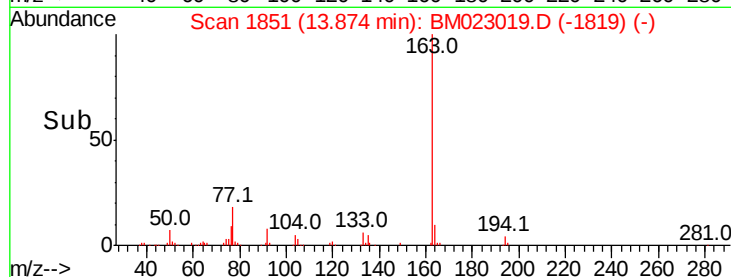
164 10.2 8.1 12.1



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

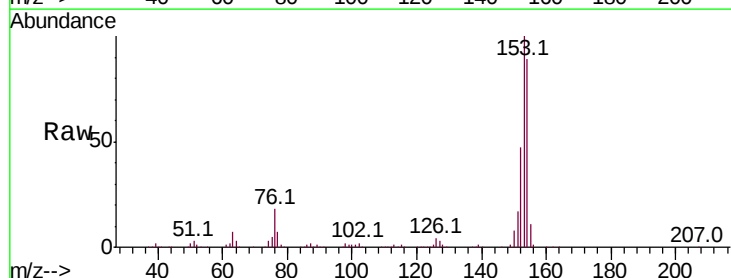
Tgt Ion:153 Resp: 1039074

Ion Ratio Lower Upper

153 100

152 47.2 38.1 57.1

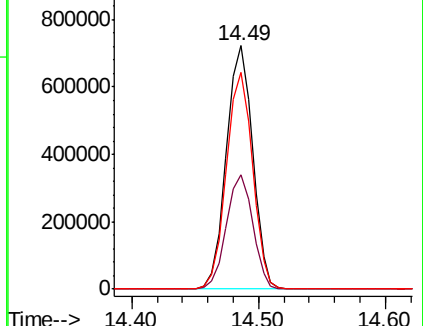
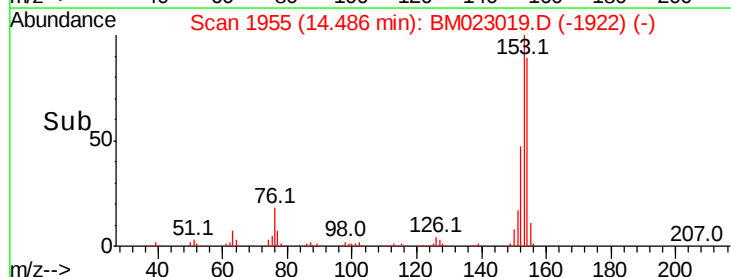
154 89.1 71.1 106.7

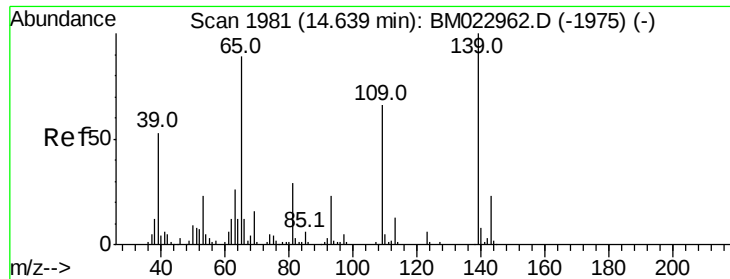


Abundance Ion 153.00 (152.70 to 153.70): E

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 :

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ClientSampleId :

DBAK2MS

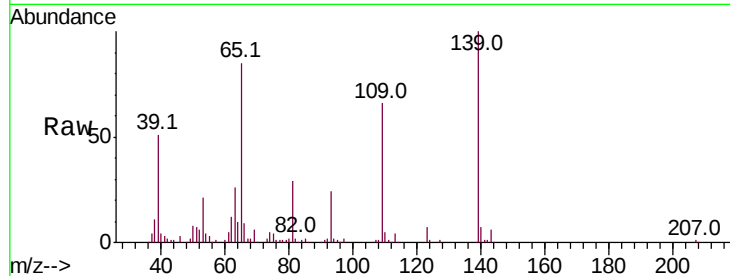
Tot Ion:109 Resp: 139937

Ion Ratio Lower Upper

109 100

139 152.2 119.5 179.3

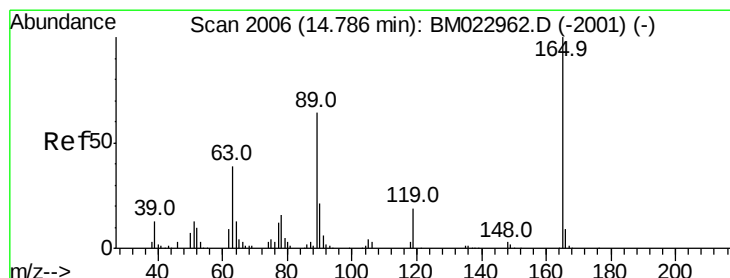
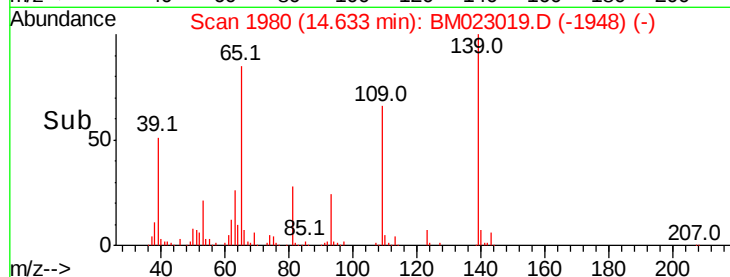
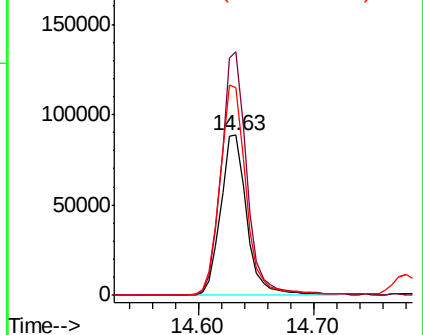
65 129.6 105.0 157.4



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

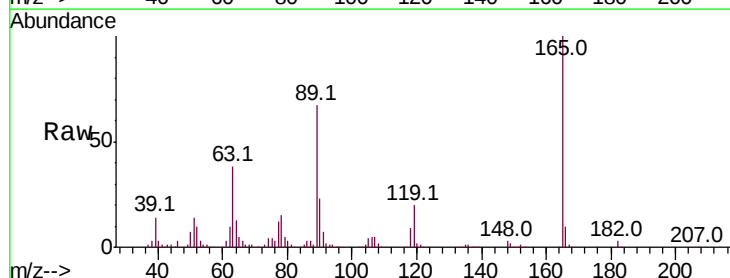
Tgt Ion:165 Resp: 355509

Ion Ratio Lower Upper

165 100

63 38.2 29.8 44.6

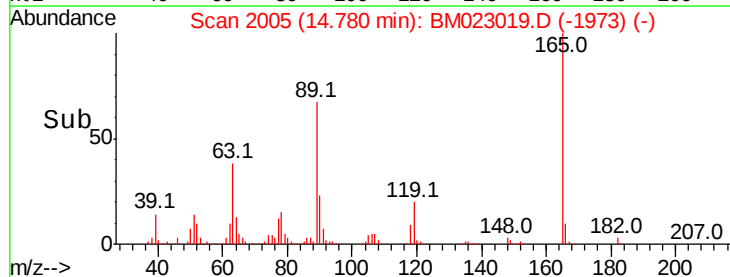
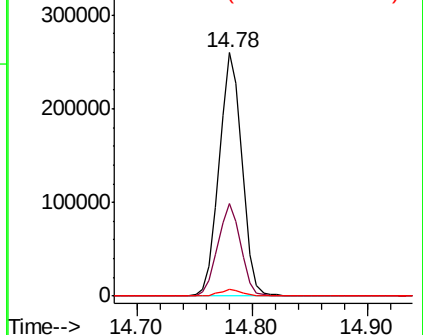
182 3.0 2.2 3.4

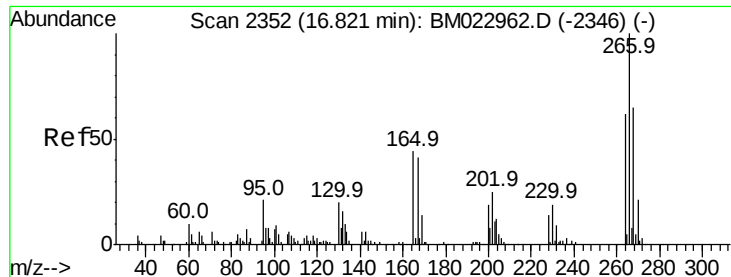


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

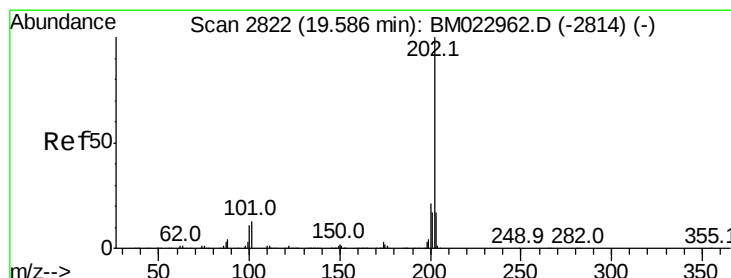
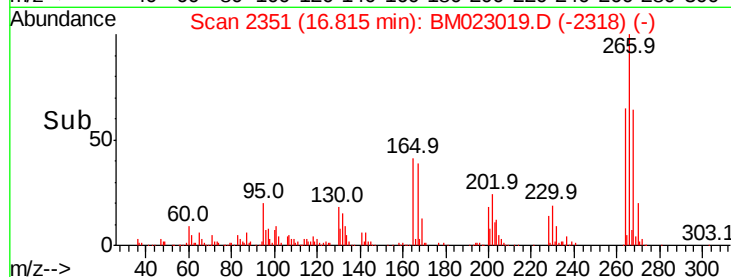
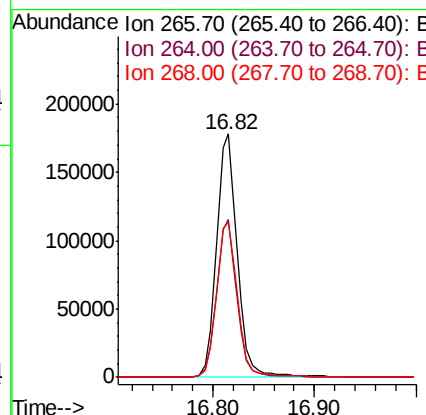
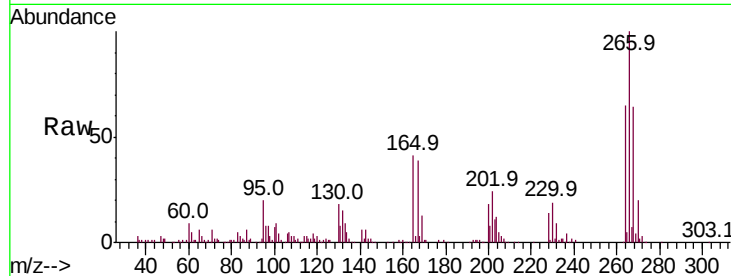




#69
 Pentachlorophenol
 Concen: 19.650 ng/ul
 RT: 16.82 min Scan# 2351
 Delta R.T. -0.01 min
 Lab File: BM023019.D
 Acq: 06 Oct 2019 10:05

Instrument :
 BNA_M
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 DBAK2MS

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

