

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120419\
 Data File : BM024006.D
 Acq On : 04 Dec 2019 17:49
 Operator : JU
 Sample : K4649-07MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5169MS

Quant Time: Dec 05 02:49:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 05 02:46:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	392239	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1620559	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	965793	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	2038453	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	2060661	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	2489742	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	46364	5.26	ng/uL	0.00
5) Phenol-d5	6.67	99	890956	25.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	535307	26.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	711398	26.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	648417	23.91	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	340925	27.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	377091	26.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	673232	24.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	857512	28.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	2110989	28.13	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	2499756	28.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	312930	24.80	ng/ul	0.00
58) Fluorene-d10	15.14	176	1816947	28.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	250632	19.59	ng/ul	0.00
71) Anthracene-d10	16.99	188	2808478	28.85	ng/ul	0.00
79) Pyrene-d10	19.30	212	3286175	30.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	4097727	31.14	ng/ul	0.00

Target Compounds

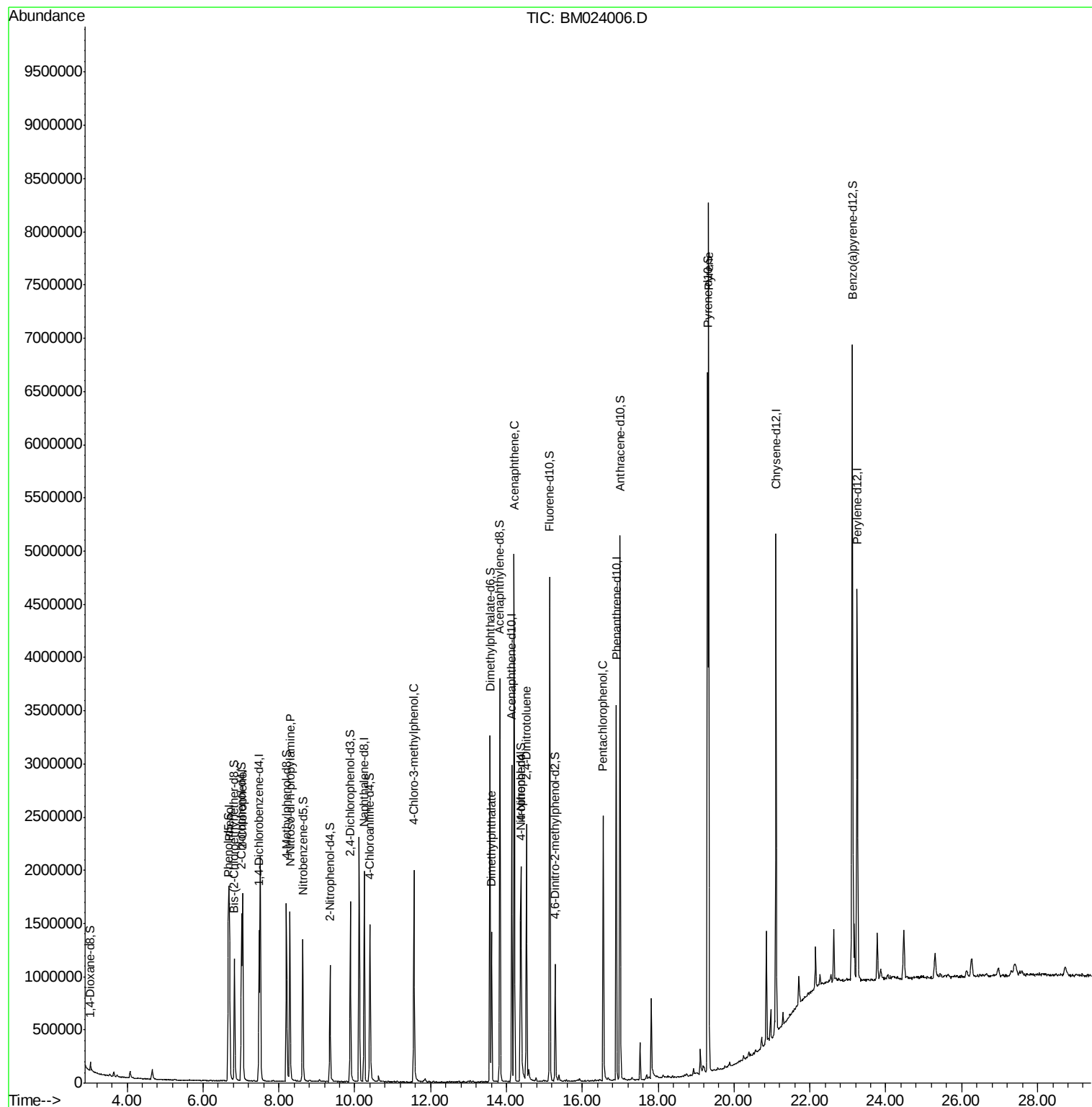
					Ovalue
6) Phenol	6.70	94	1085214	30.687	ng/ul 100
10) 2-Chlorophenol	7.05	128	799213	29.396	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.29	70	660842	29.806	ng/ul 97
33) 4-Chloro-3-methylphenol	11.56	107	820115	29.786	ng/ul 100
45) Dimethylphthalate	13.61	163	894852	12.182	ng/ul 100
50) Acenaphthene	14.20	153	1941404	30.727	ng/ul 99
53) 4-Nitrophenol	14.39	109	319396	34.357	ng/ul 96
55) 2,4-Dinitrotoluene	14.53	165	719455	34.416	ng/ul 89
69) Pentachlorophenol	16.56	266	474485	29.069	ng/ul 99
80) Pyrene	19.33	202	4783709	34.454	ng/ul 97

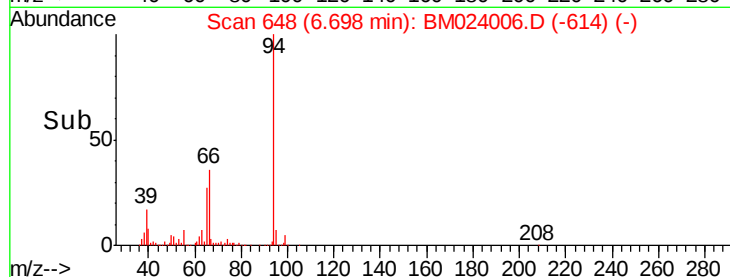
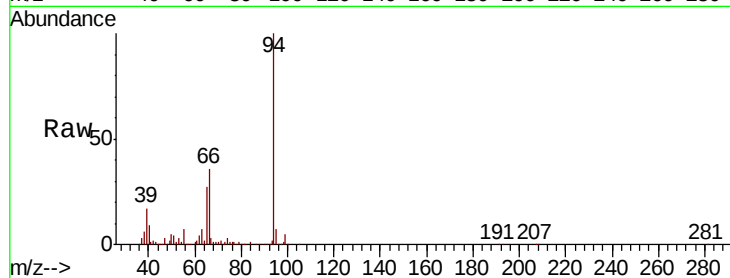
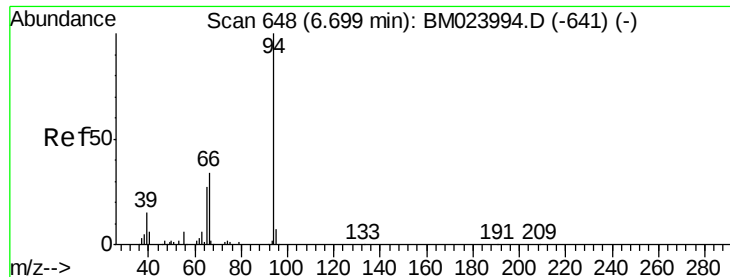
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 30.687 ng/ul

RT: 6.70 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM024006.D

Acq: 04 Dec 2019 17:49

Instrument :

BNA_M

ClientSampled :

A5169MS

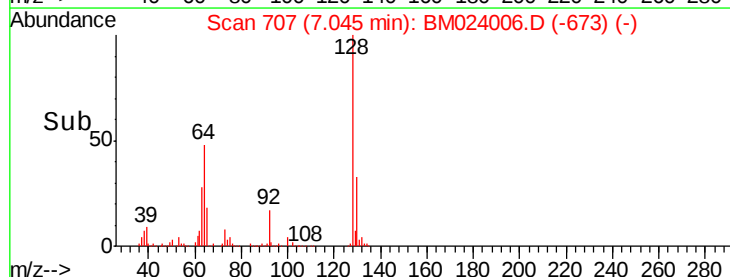
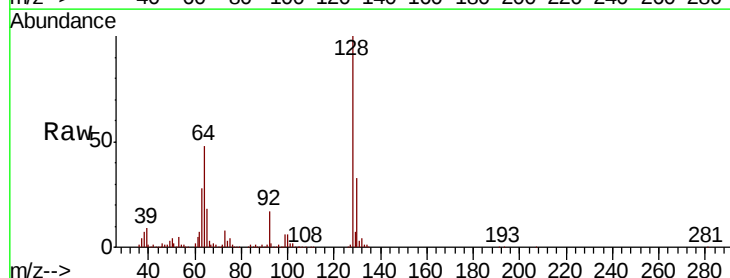
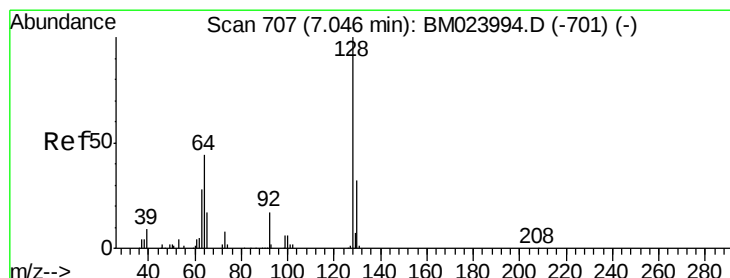
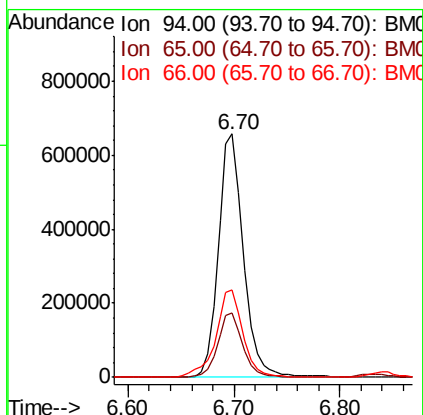
Tot Ion: 94 Resp: 1085214

Ion Ratio Lower Upper

94 100

65 26.7 21.7 32.5

66 36.0 28.8 43.2



#10

2-Chlorophenol

Concen: 29.396 ng/ul

RT: 7.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: BM024006.D

Acq: 04 Dec 2019 17:49

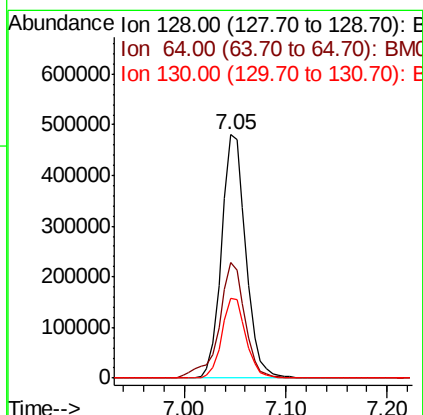
Tgt Ion: 128 Resp: 799213

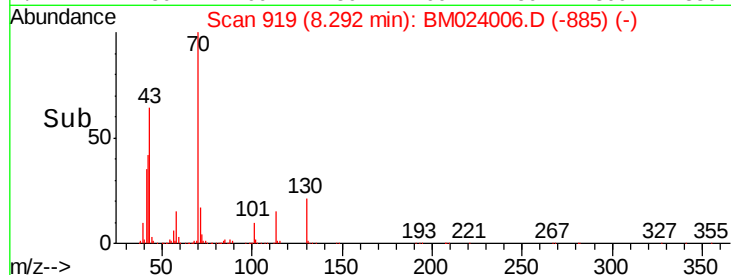
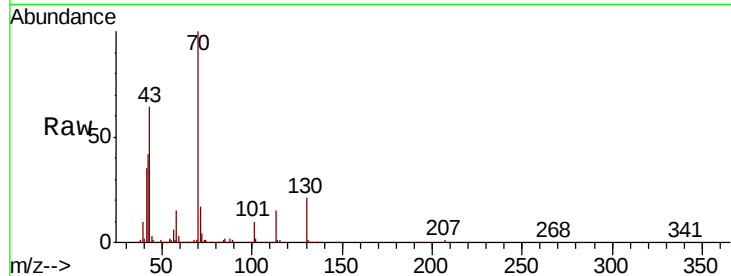
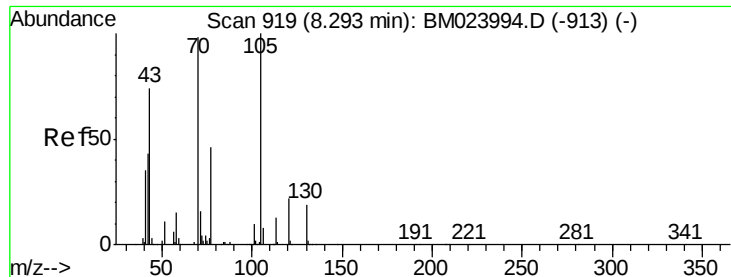
Ion Ratio Lower Upper

128 100

64 47.7 38.2 57.4

130 32.7 25.9 38.9





#15

N-Nitroso-di-n-propylamine

Concen: 29.806 ng/ul

RT: 8.29 min Scan# 919

Delta R.T. -0.00 min

Lab File: BM024006.D

Acq: 04 Dec 2019 17:49

Instrument :

BNA_M

ClientSampleId :

A5169MS

Tot Ion: 70 Resp: 660842

Ion Ratio Lower Upper

70 100

42 42.1 35.8 53.6

101 10.0 8.0 12.0

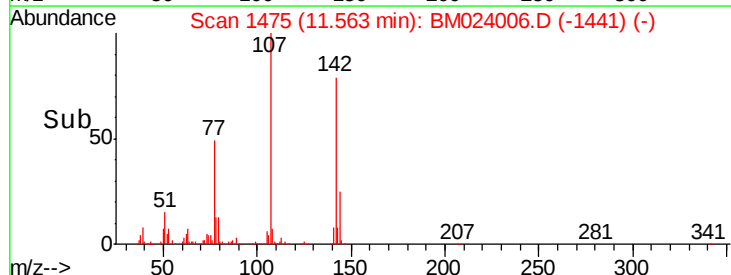
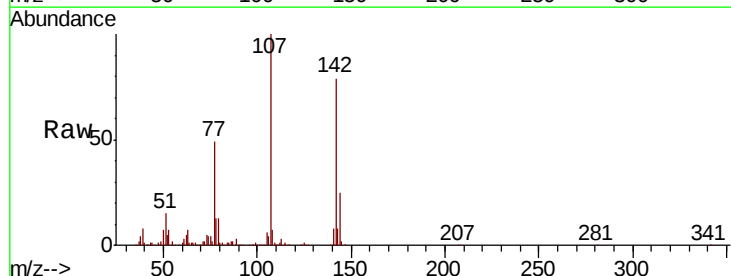
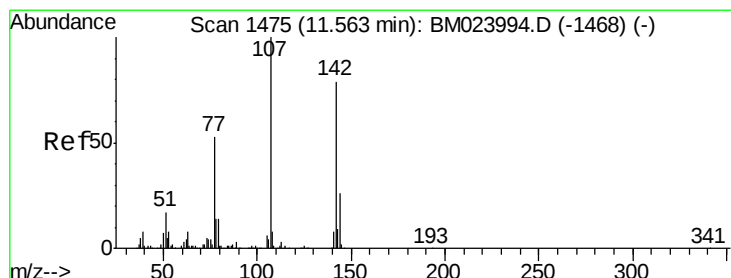
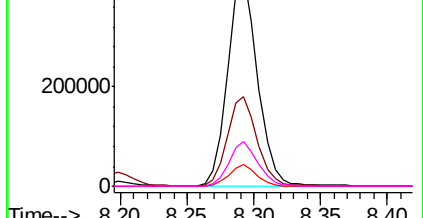
130 21.0 15.8 23.6

Abundance Ion 70.00 (69.70 to 70.70): BM023994.D (-913) (-)

Ion 42.00 (41.70 to 42.70): BM023994.D (-913) (-)

Ion 101.00 (100.70 to 101.70): BM023994.D (-913) (-)

Ion 130.00 (129.70 to 130.70): BM023994.D (-913) (-)



#33

4-Chloro-3-methylphenol

Concen: 29.786 ng/ul

RT: 11.56 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BM024006.D

Acq: 04 Dec 2019 17:49

Tgt Ion: 107 Resp: 820115

Ion Ratio Lower Upper

107 100

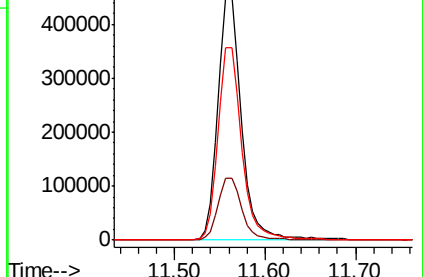
144 25.4 20.5 30.7

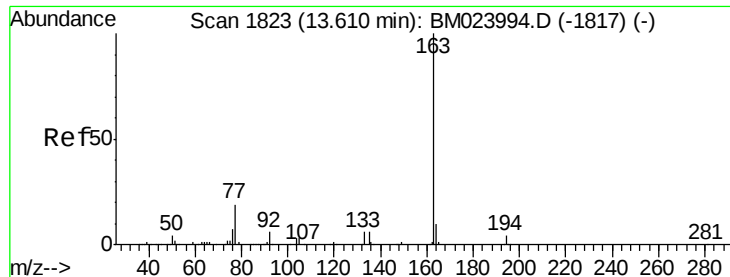
142 79.1 63.4 95.2

Abundance Ion 107.00 (106.70 to 107.70): BM023994.D (-1468) (-)

Ion 144.00 (143.70 to 144.70): BM023994.D (-1468) (-)

Ion 142.00 (141.70 to 142.70): BM023994.D (-1468) (-)





#45

Dimethylphthalate

Concen: 12.182 ng/ul

RT: 13.61 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BM024006.D

Acq: 04 Dec 2019 17:49

Instrument :

BNA_M

ClientSampleId :

A5169MS

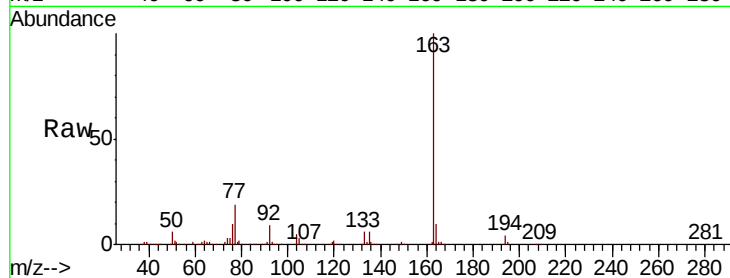
Tot Ion:163 Resp: 894852

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

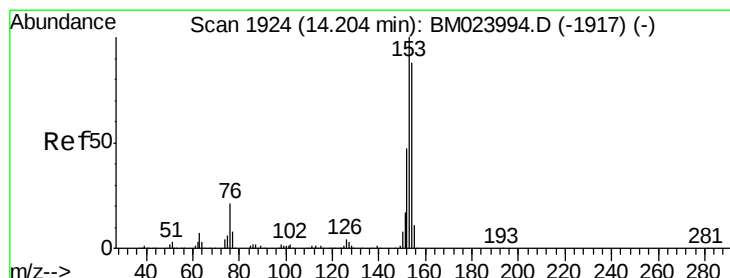
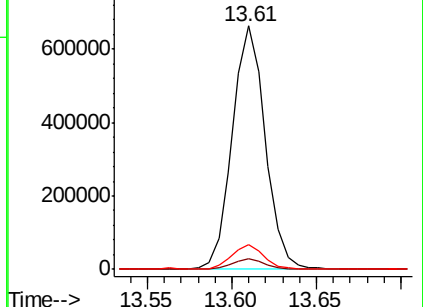
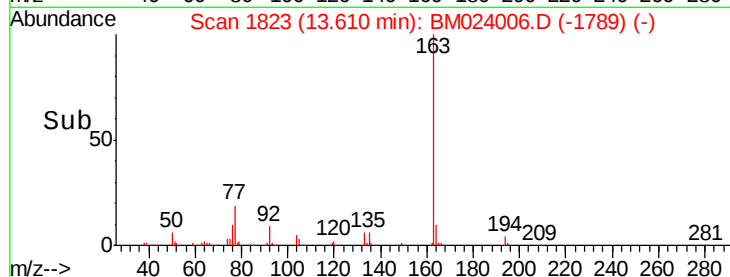
164 9.9 7.9 11.9



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: 30.727 ng/ul

RT: 14.20 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BM024006.D

Acq: 04 Dec 2019 17:49

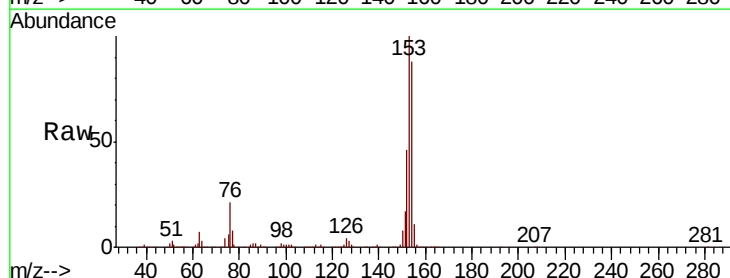
Tgt Ion:153 Resp: 1941404

Ion Ratio Lower Upper

153 100

152 46.2 37.5 56.3

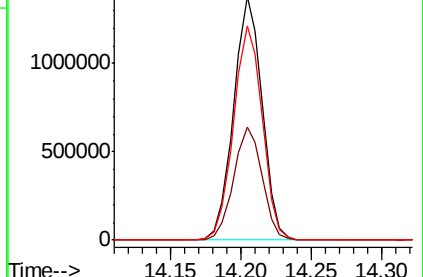
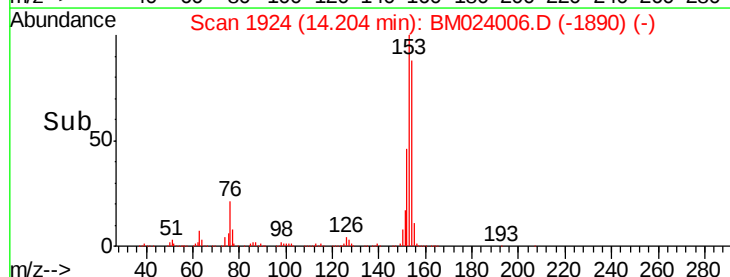
154 87.9 70.7 106.1

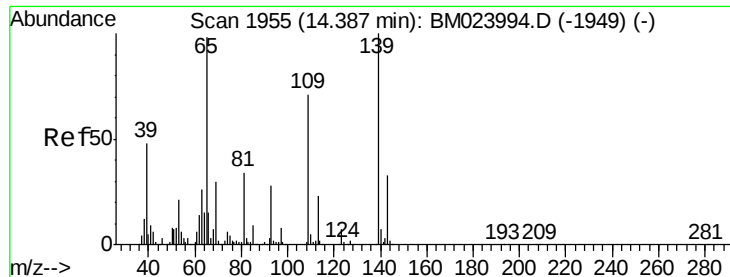


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 34.357 ng/ul

RT: 14.39 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BM024006.D

Acq: 04 Dec 2019 17:49

Instrument :

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ClientSampleId :

A5169MS

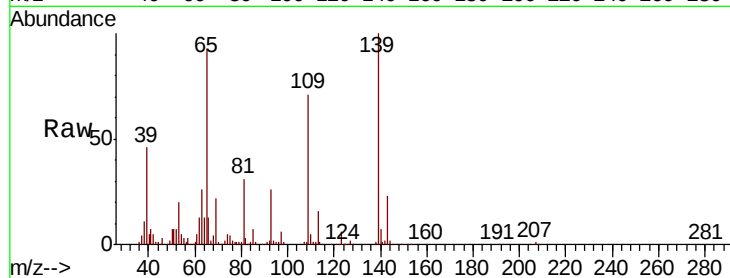
Tot Ion:109 Resp: 319396

Ion Ratio Lower Upper

109 100

139 140.2 112.4 168.6

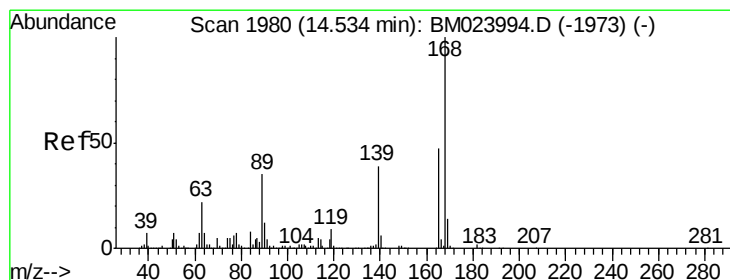
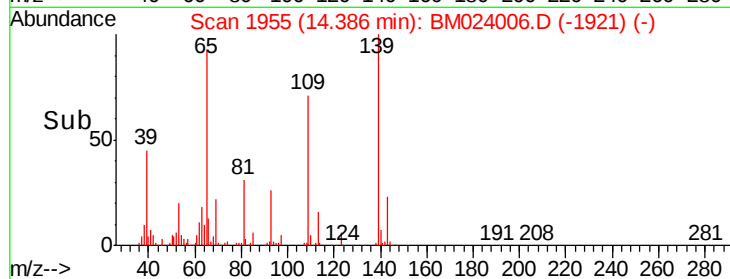
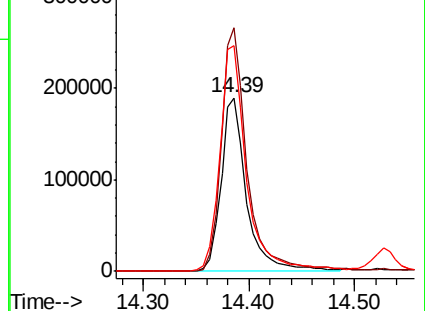
65 129.8 110.7 166.1



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: 34.416 ng/ul

RT: 14.53 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BM024006.D

Acq: 04 Dec 2019 17:49

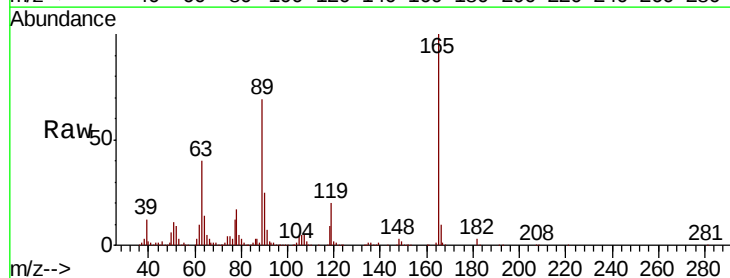
Tgt Ion:165 Resp: 719455

Ion Ratio Lower Upper

165 100

63 40.2 38.6 57.8

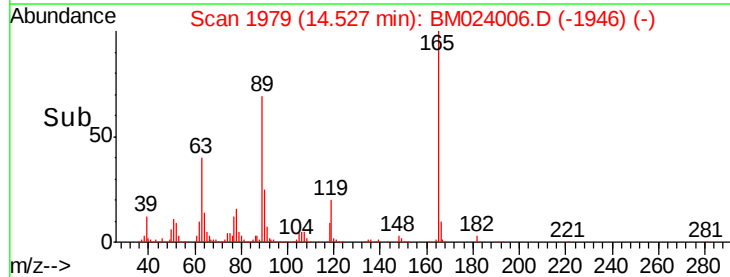
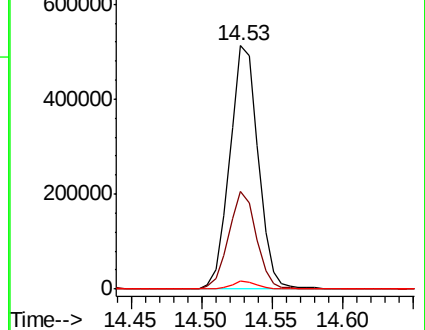
182 3.1 2.6 3.8

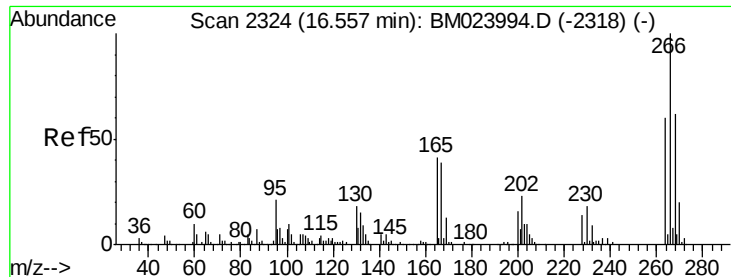


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

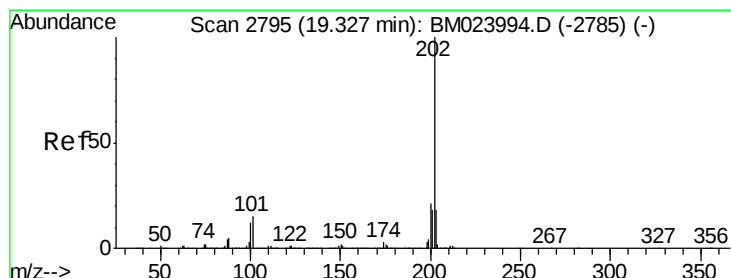
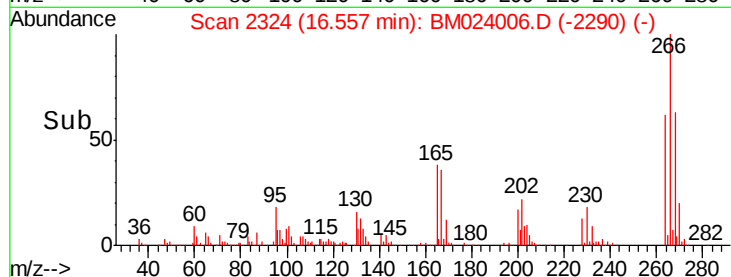
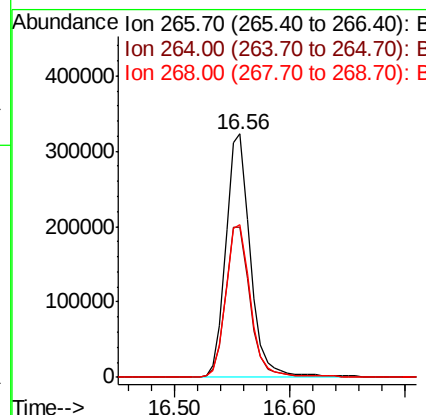
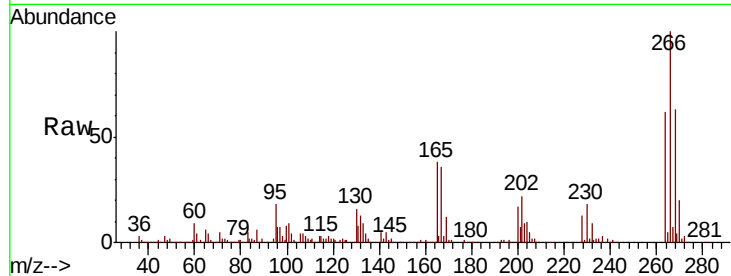




#69
 Pentachlorophenol
 Concen: 29.069 ng/ul
 RT: 16.56 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BM024006.D
 Acq: 04 Dec 2019 17:49

Instrument :
 BNA_M
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Tot Ion	Ratio	Lower	Upper
266	100		
264	61.5	48.2	72.2
268	62.5	49.6	74.4



#80
 Pyrene
 Concen: 34.454 ng/ul
 RT: 19.33 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: BM024006.D
 Acq: 04 Dec 2019 17:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.8	17.6
100	11.0	9.8	14.6

