

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
 Data File : BM025604.D
 Acq On : 17 Mar 2020 06:40
 Operator : CG/JU
 Sample : L1840-17 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 17 07:36:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 17 07:33:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	190529	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	795142	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	507831	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1063003	20.00	ng/ul	0.01
78) Chrysene-d12	21.20	240	1080847	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	1275012	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	477	0.11	ng/uL	0.01
5) Phenol-d5	6.86	99	10717	0.71	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.98	67	27538	3.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	32992	2.70	ng/ul	0.02
13) 4-Methylphenol-d8	8.35	113	22368	1.81	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	20362	3.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	22323	3.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	41885	3.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	11441	0.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	139591	3.62	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	163614	3.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	9954	1.35	ng/ul	0.02
58) Fluorene-d10	15.26	176	116606	3.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	11790	1.82	ng/ul	0.00
71) Anthracene-d10	17.12	188	180299	3.63	ng/ul	0.01
79) Pyrene-d10	19.40	212	193886	3.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	213481	3.27	ng/ul	0.00

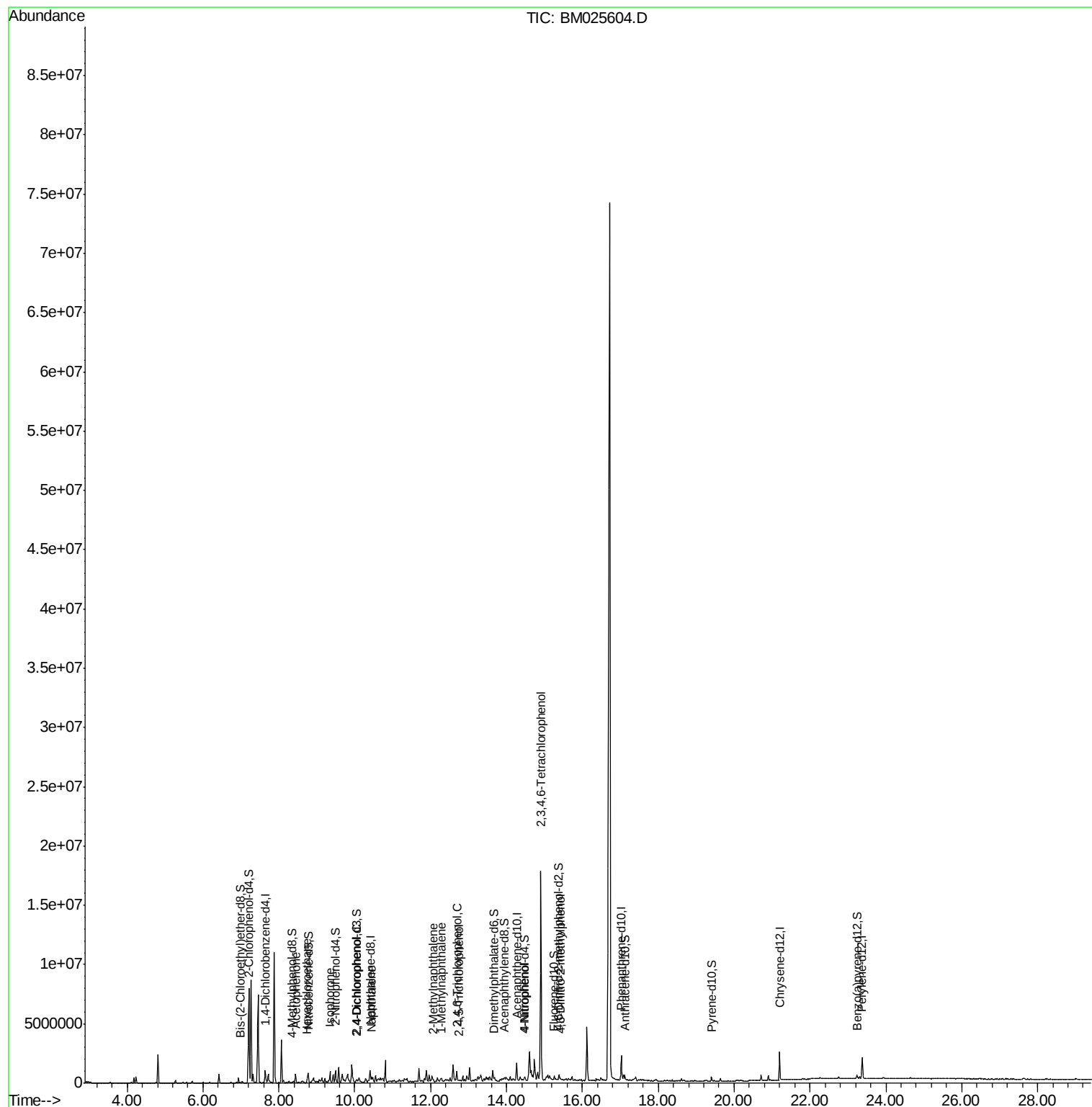
Target Compounds				Ovalue		
14) Acetophenone	8.45	105	39081	2.051	ng/ul#	44
17) Hexachloroethane	8.74	117	7670	1.436	ng/ul#	4
21) Isophorone	9.35	82	624737	23.496	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	14818	1.162	ng/ul	91
28) Naphthalene	10.45	128	125551	2.899	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	80424	2.600	ng/ul	97
35) 1-Methylnaphthalene	12.29	142	79582	2.580	ng/ul#	99
39) 2,4,6-Trichlorophenol	12.69	196	25326	2.480	ng/ul	95
40) 2,4,5-Trichlorophenol	12.76	196	21579	1.941	ng/ul	93
53) 4-Nitrophenol	14.48	109	11875	2.067	ng/ul#	16
56) 2,3,4,6-Tetrachlorophenol	14.91	232	3666069	363.906	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.41	198	30320	4.275	ng/ul#	94

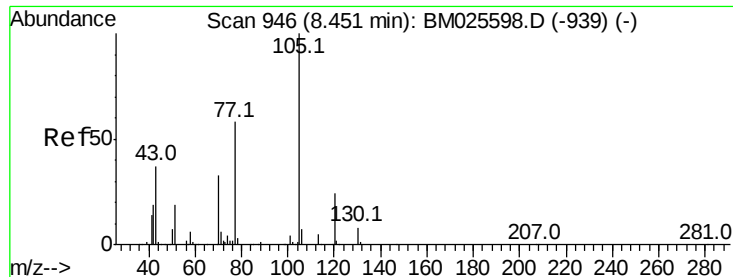
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 2.051 ng/ul

RT: 8.45 min Scan# 945

Delta R.T. -0.01 min

Lab File: BM025604.D

Acq: 17 Mar 2020 06:40

Instrument :

BNA_M

ClientSampleId :

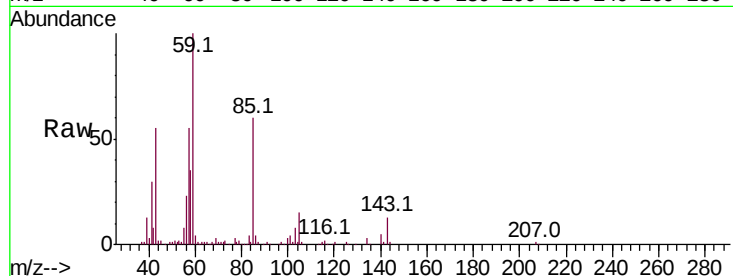
Tot Ion:105 Resp: 39081

Ion Ratio Lower Upper

105 100

77 20.5 63.2 94.8#

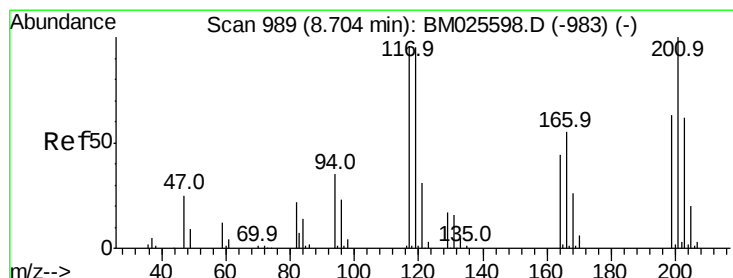
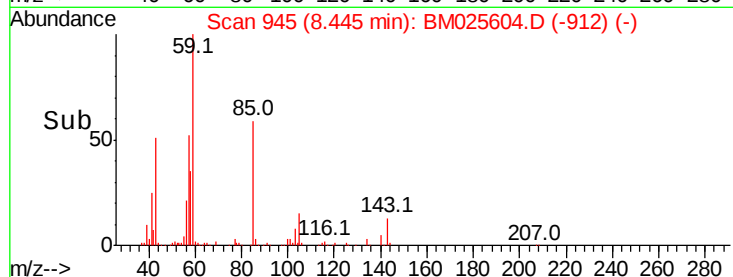
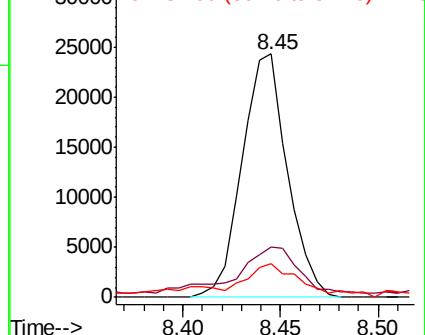
51 13.8 21.8 32.6#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#17

Hexachloroethane

Concen: 1.436 ng/ul

RT: 8.74 min Scan# 995

Delta R.T. 0.04 min

Lab File: BM025604.D

Acq: 17 Mar 2020 06:40

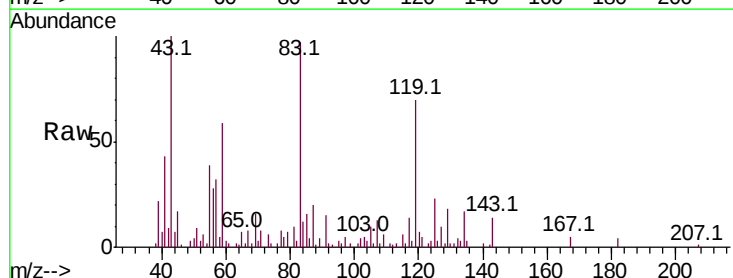
Tgt Ion:117 Resp: 7670

Ion Ratio Lower Upper

117 100

201 0.0 87.0 130.6#

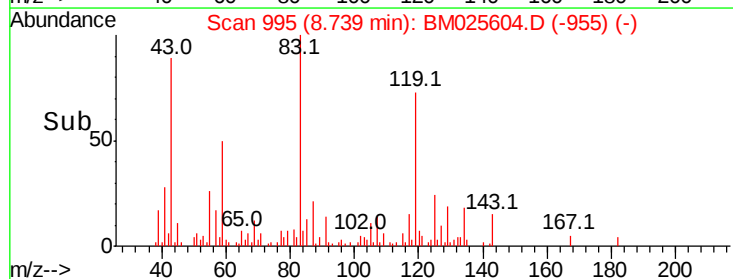
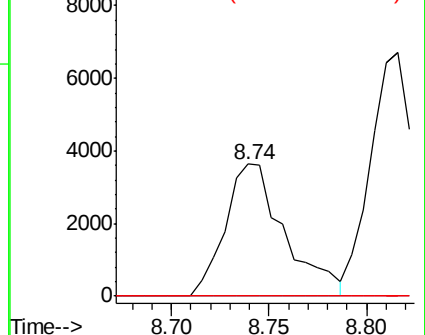
199 0.0 52.1 78.1#

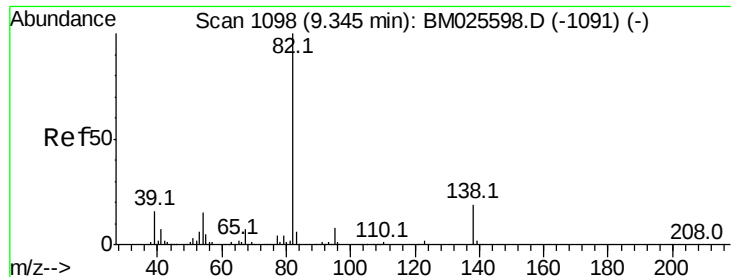


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#21

Isophorone

Concen: 23.496 ng/ul

RT: 9.35 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BM025604.D

Acq: 17 Mar 2020 06:40

Instrument :

BNA_M

ClientSampled :

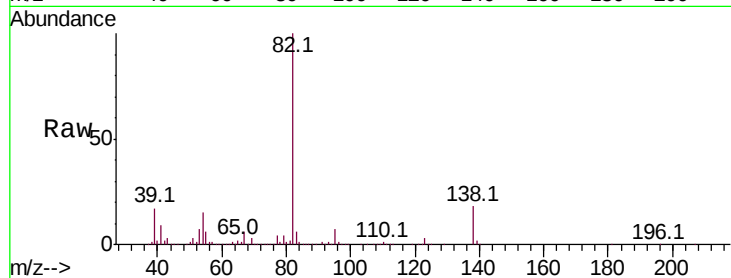
Tot Ion: 82 Resp: 624737

Ion Ratio Lower Upper

82 100

95 7.4 6.4 9.6

138 18.2 15.2 22.8

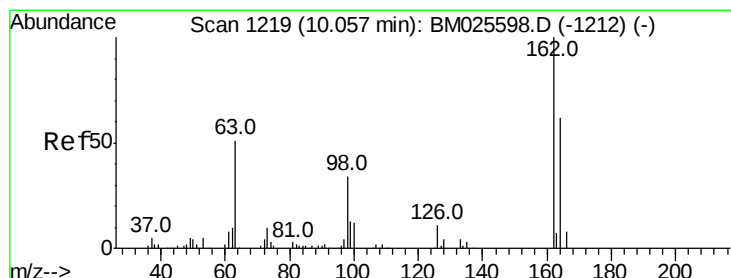
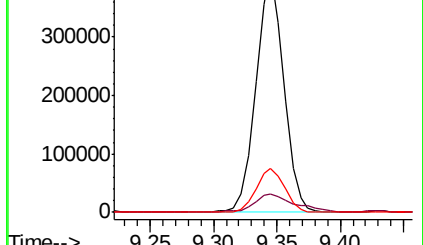
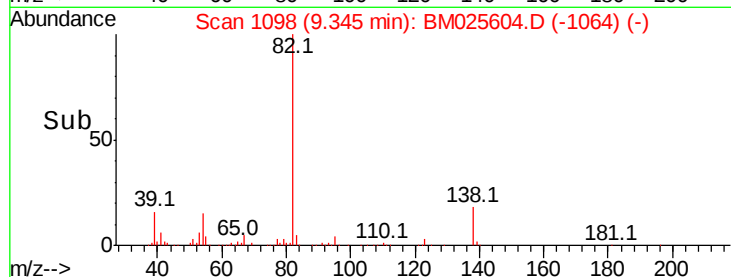


Abundance Ion 82.00 (81.70 to 82.70): BM025598.D (-1091) (-)

Ion 95.00 (94.70 to 95.70): BM025598.D (-1091) (-)

Ion 138.00 (137.70 to 138.70): BM025598.D (-1091) (-)

Time-->



#27

2,4-Dichlorophenol

Concen: 1.162 ng/ul

RT: 10.06 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BM025604.D

Acq: 17 Mar 2020 06:40

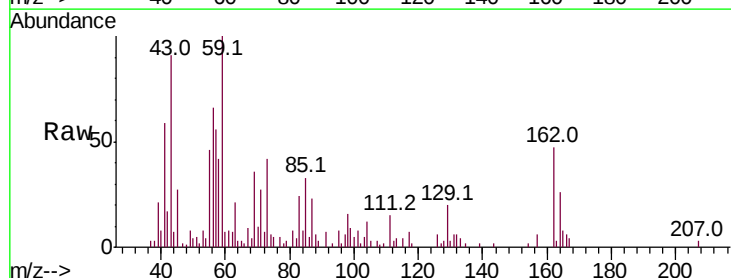
Tgt Ion:162 Resp: 14818

Ion Ratio Lower Upper

162 100

164 55.9 52.6 79.0

98 35.3 27.8 41.6

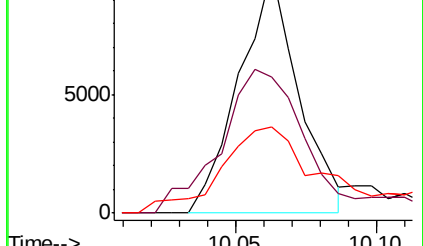
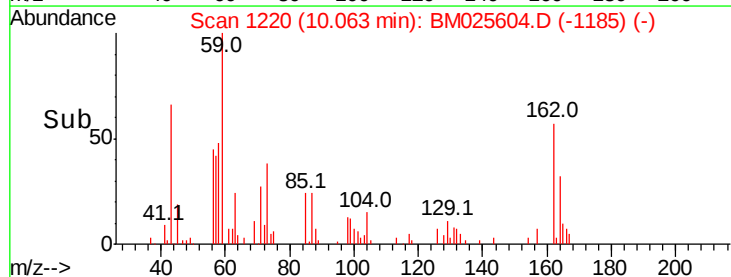


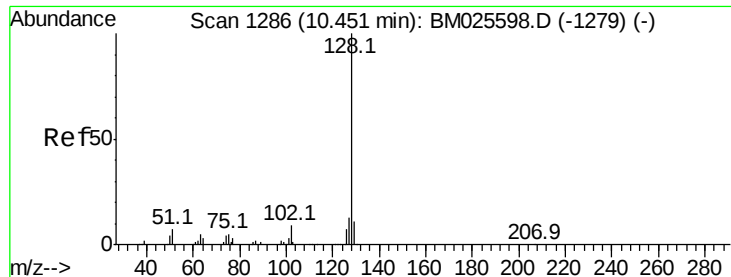
Abundance Ion 162.00 (161.70 to 162.70): BM025598.D (-1212) (-)

Ion 164.00 (163.70 to 164.70): BM025598.D (-1212) (-)

Ion 98.00 (97.70 to 98.70): BM025598.D (-1212) (-)

Time-->





#28

Naphthalene

Concen: 2.899 ng/ul

RT: 10.45 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BM025604.D

Acq: 17 Mar 2020 06:40

Instrument :

BNA_M

ClientSampleId :

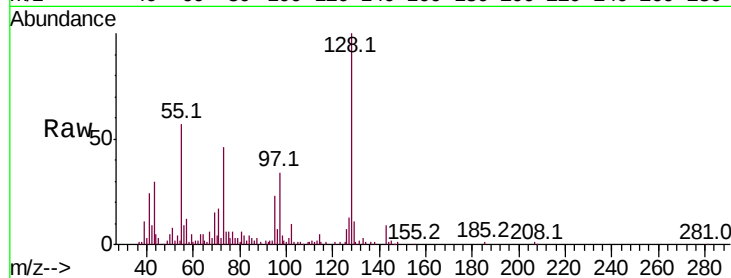
Tot Ion:128 Resp: 125551

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

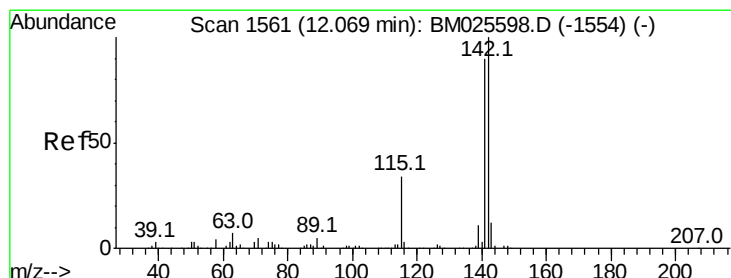
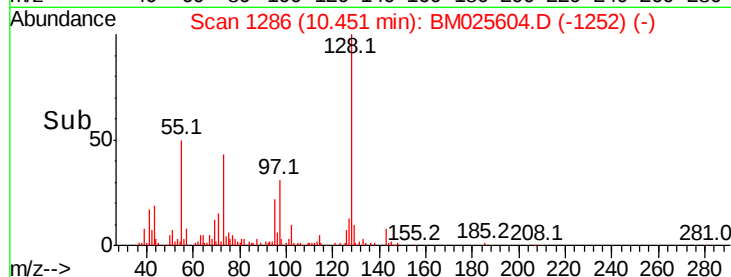
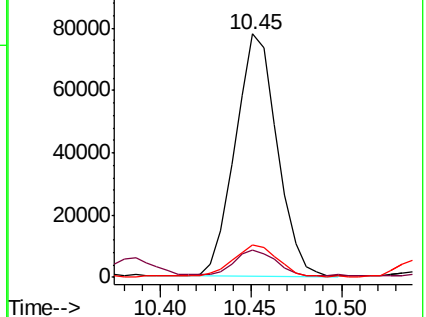
127 13.5 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 2.600 ng/ul

RT: 12.07 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BM025604.D

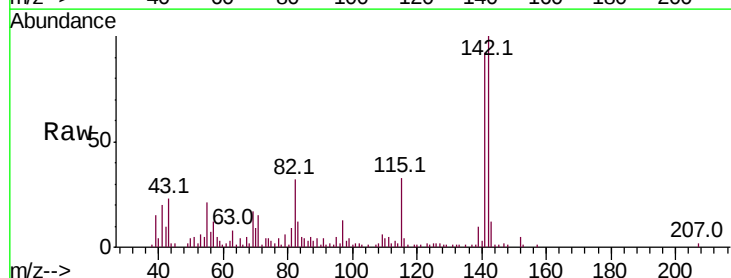
Acq: 17 Mar 2020 06:40

Tgt Ion:142 Resp: 80424

Ion Ratio Lower Upper

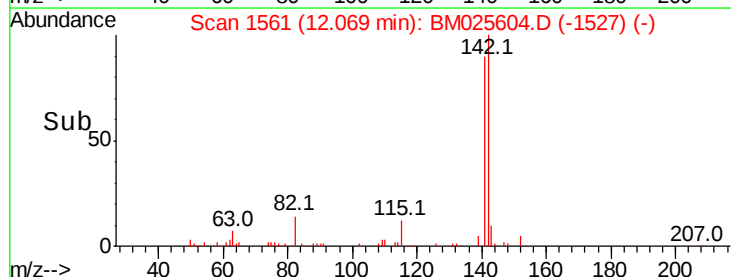
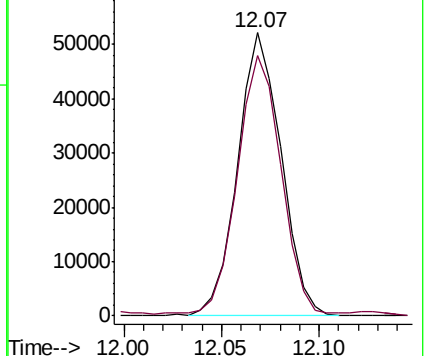
142 100

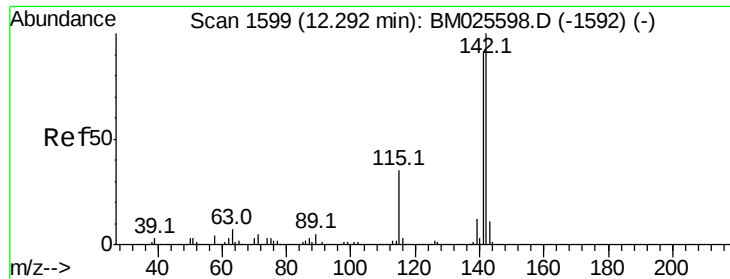
141 91.9 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

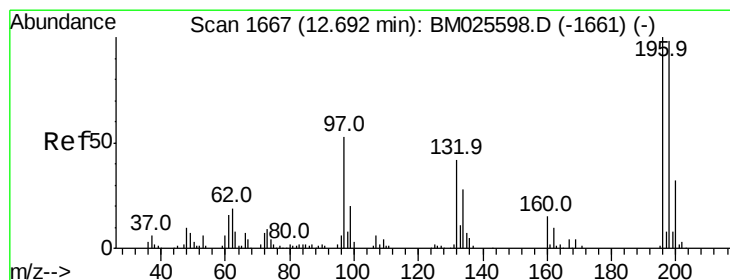
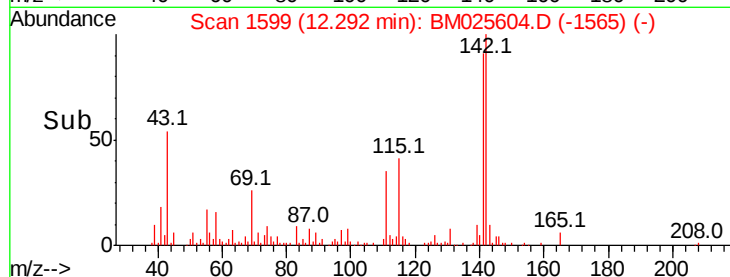
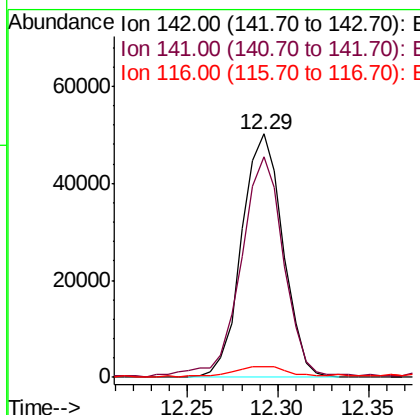
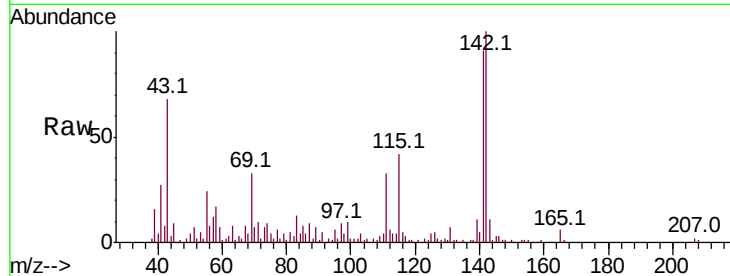




#35
 1-Methylnaphthalene
 Concen: 2.580 ng/ul
 RT: 12.29 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BM025604.D
 Acq: 17 Mar 2020 06:40

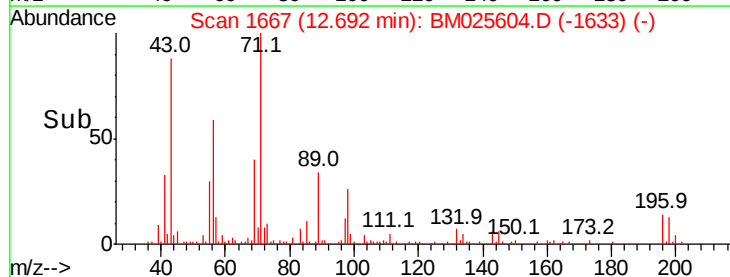
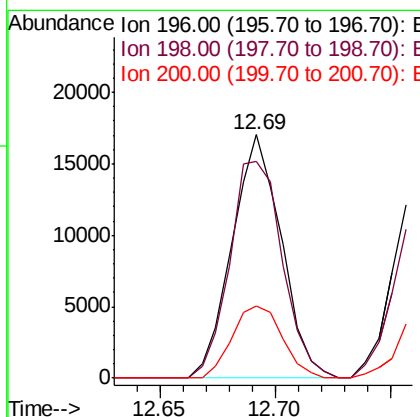
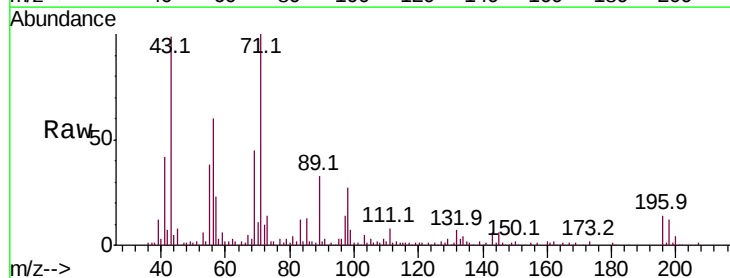
Instrument :
 BNA_M
 ClientSampleId :

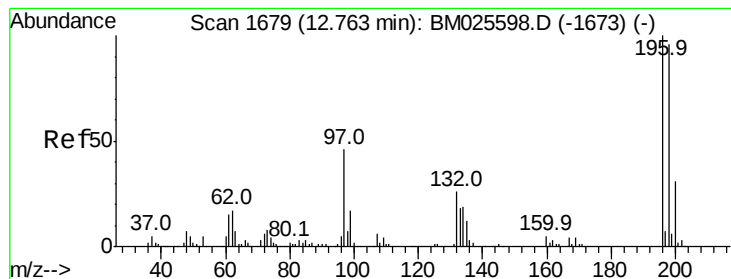
Tot Ion:142 Resp: 79582
 Ion Ratio Lower Upper
 142 100
 141 90.8 72.3 108.5
 116 4.6 2.9 4.3#



#39
 2,4,6-Trichlorophenol
 Concen: 2.480 ng/ul
 RT: 12.69 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BM025604.D
 Acq: 17 Mar 2020 06:40

Tgt Ion:196 Resp: 25326
 Ion Ratio Lower Upper
 196 100
 198 89.3 76.6 115.0
 200 29.7 24.2 36.4





#40

2,4,5-Trichlorophenol

Concen: 1.941 ng/ul

RT: 12.76 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BM025604.D

Acq: 17 Mar 2020 06:40

Instrument :

BNA_M

ClientSampleId :

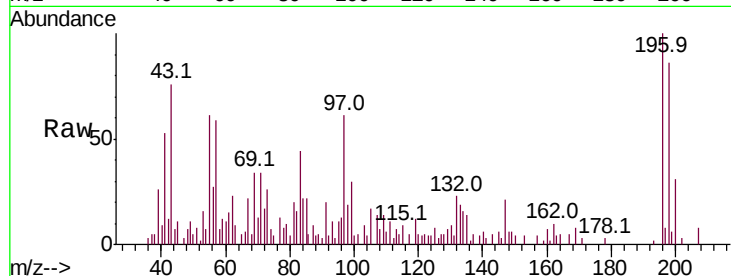
Tot Ion:196 Resp: 21579

Ion Ratio Lower Upper

196 100

198 85.9 75.7 113.5

200 31.0 24.0 36.0

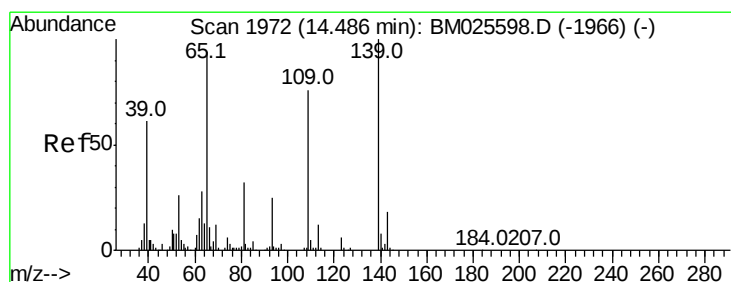
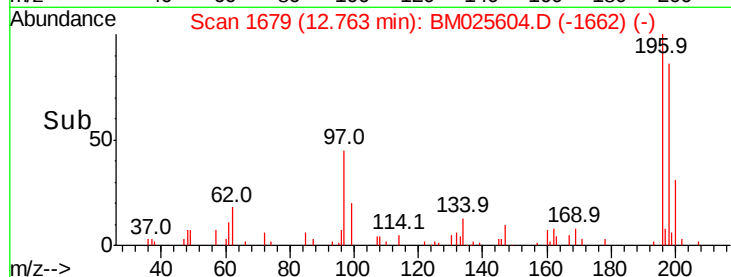
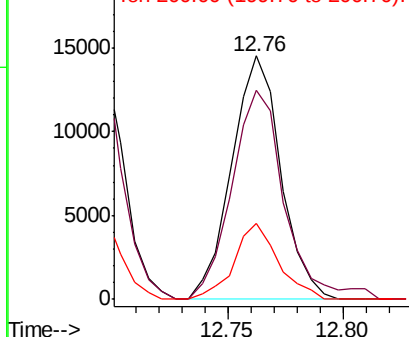


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#53

4-Nitrophenol

Concen: 2.067 ng/ul

RT: 14.48 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BM025604.D

Acq: 17 Mar 2020 06:40

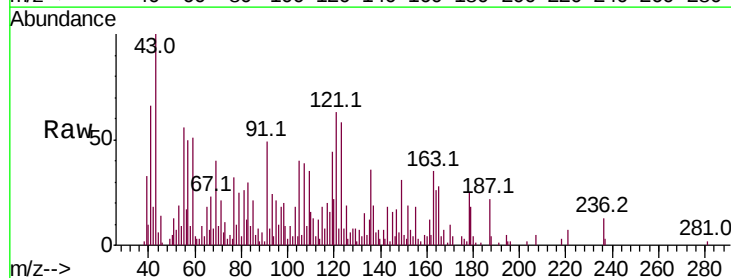
Tgt Ion:109 Resp: 11875

Ion Ratio Lower Upper

109 100

139 19.1 111.0 166.4#

65 51.6 105.1 157.7#

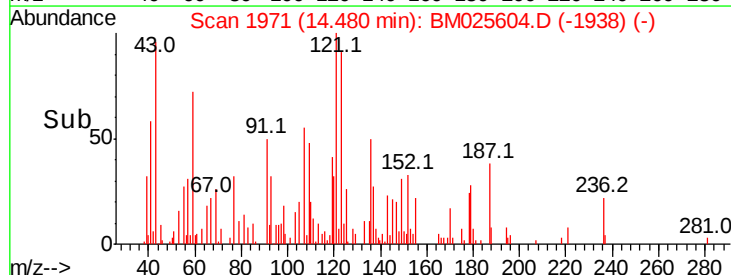
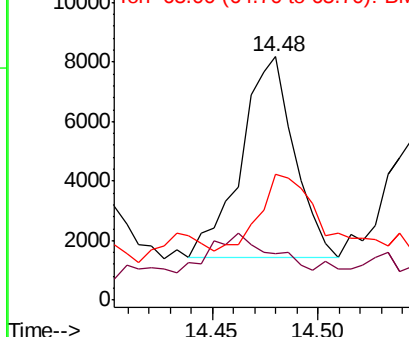


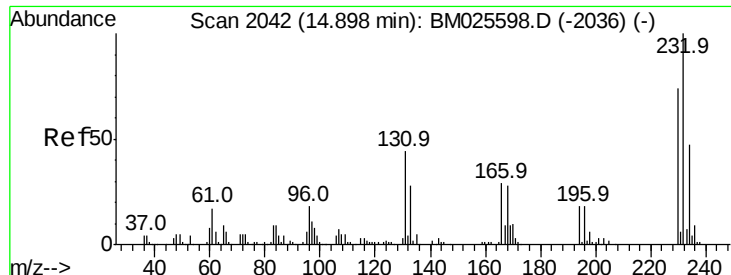
Abundance

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): E

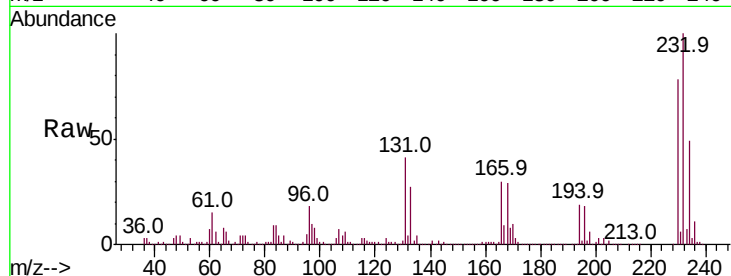




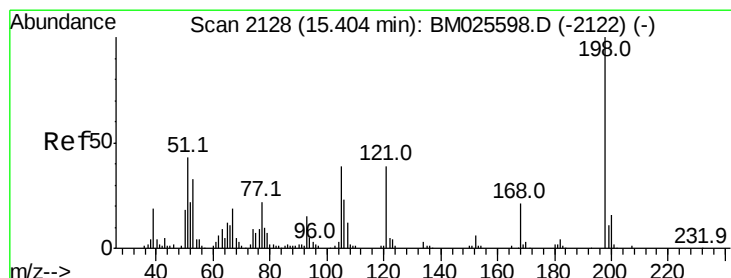
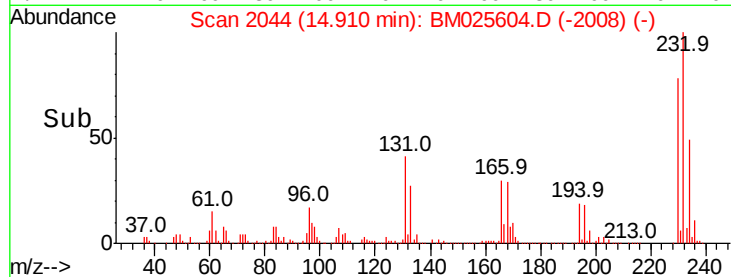
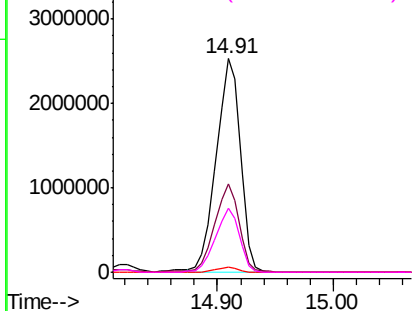
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 363.906 ng/ul
 RT: 14.91 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BM025604.D
 Acq: 17 Mar 2020 06:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232 Resp: 3666069
 Ion Ratio Lower Upper
 232 100
 131 41.1 33.8 50.6
 130 2.2 1.9 2.9
 166 30.0 22.9 34.3

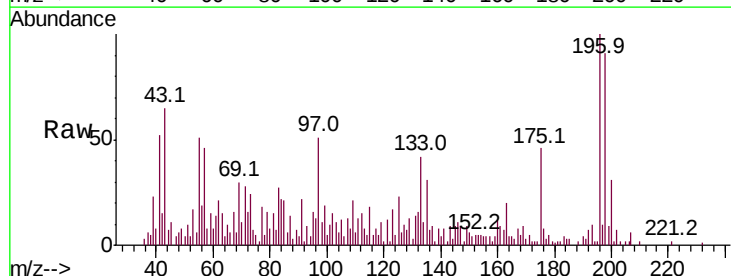


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.275 ng/ul
 RT: 15.41 min Scan# 2129
 Delta R.T. 0.01 min
 Lab File: BM025604.D
 Acq: 17 Mar 2020 06:40

Tgt Ion:198 Resp: 30320
 Ion Ratio Lower Upper
 198 100
 182 1.8 3.7 5.5#
 77 20.3 18.6 28.0



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

