

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100319\
 Data File : BM022952.D
 Acq On : 04 Oct 2019 11:52
 Operator : JU
 Sample : K5058-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAL5MS

Quant Time: Oct 04 16:54:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	234130	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.58	136	1026991	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.43	164	629841	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1205648	20.00	ng/ul	-0.02
78) Chrysene-d12	21.35	240	914936	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	981676	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	27581	5.09	ng/uL	0.00
5) Phenol-d5	6.96	99	153709	7.43	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	283425	25.03	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	360702	21.65	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	251943	14.87	ng/ul	-0.02
19) Nitrobenzene-d5	8.95	128	209124	26.38	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.67	143	227447	26.28	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.20	165	397640	23.08	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	54243	2.59	ng/ul	-0.02
44) Dimethylphthalate-d6	13.84	166	1294943	26.49	ng/ul	-0.02
47) Acenaphthylene-d8	14.12	160	1480634	26.24	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.63	143	54382	5.63	ng/ul	-0.01
58) Fluorene-d10	15.42	176	1073647	25.77	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.54	200	155929	19.87	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1581322	26.86	ng/ul	-0.02
79) Pyrene-d10	19.56	212	1586612	32.22	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1408143	27.73	ng/ul	-0.03

Target Compounds

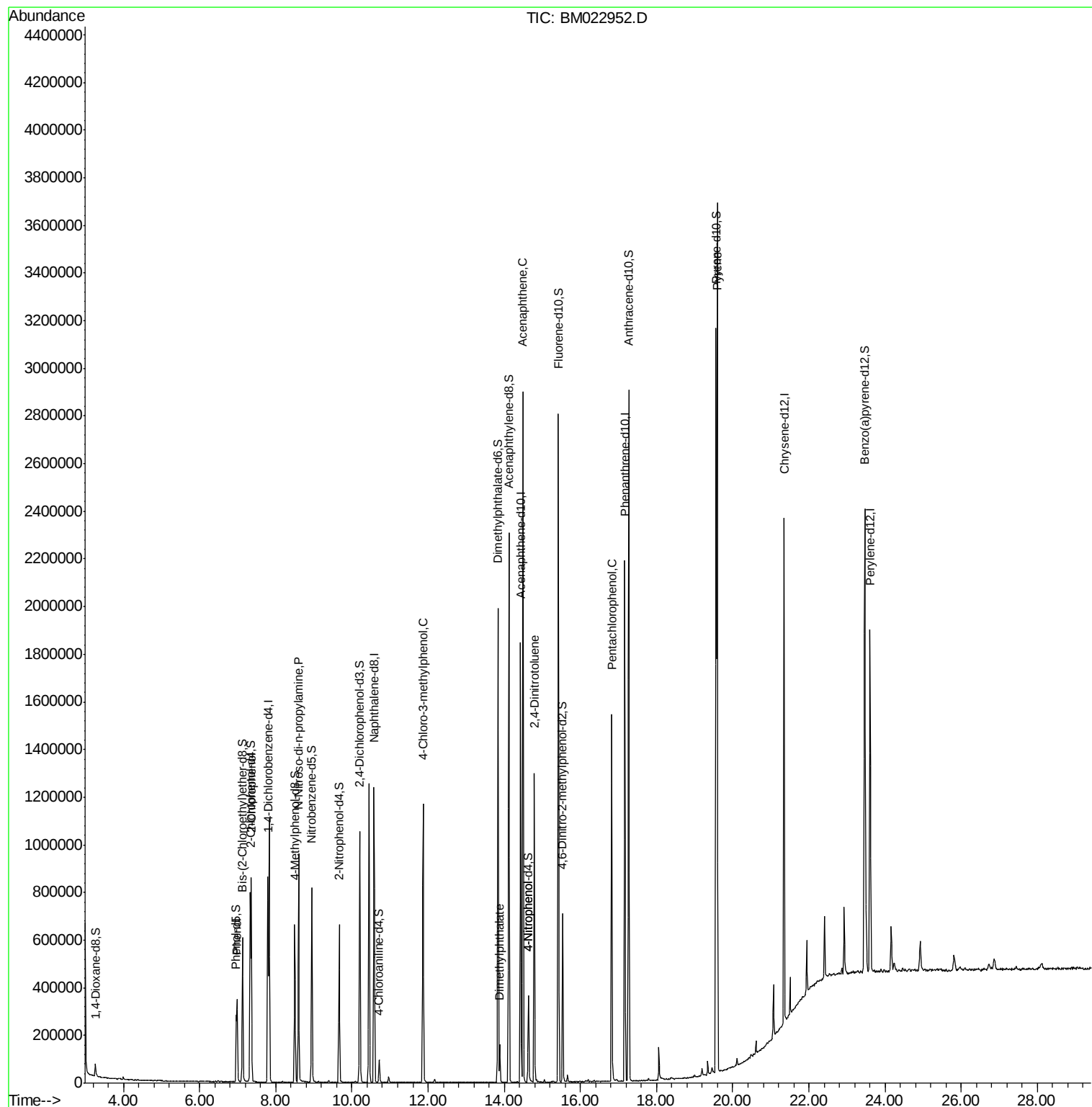
						Qvalue
6) Phenol	6.99	94	185475	8.553	ng/ul	99
10) 2-Chlorophenol	7.36	128	388212	21.725	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	342273	25.738	ng/ul	99
33) 4-Chloro-3-methylphenol	11.87	107	409578	22.809	ng/ul	99
45) Dimethylphthalate	13.89	163	102300	2.037	ng/ul	99
50) Acenaphthene	14.49	153	1120068	26.390	ng/ul	100
53) 4-Nitrophenol	14.64	109	46623	6.605	ng/ul	95
55) 2,4-Dinitrotoluene	14.79	165	380764	25.776	ng/ul	96
69) Pentachlorophenol	16.82	266	264307	25.123	ng/ul	99
80) Pyrene	19.59	202	2126721	32.790	ng/ul	99

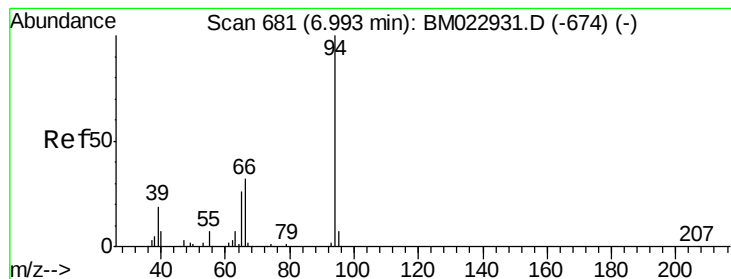
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration





#6

Phenol

Concen: 8.553 ng/ul

RT: 6.99 min Scan# 680

Delta R.T. -0.02 min

Lab File: BM022952.D

Acq: 04 Oct 2019 11:52

Instrument :

BNA_M

ClientSampleId :

DBAL5MS

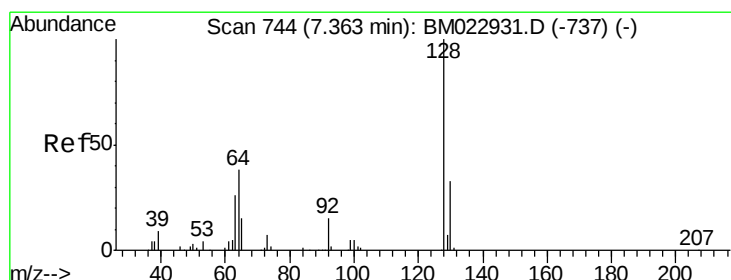
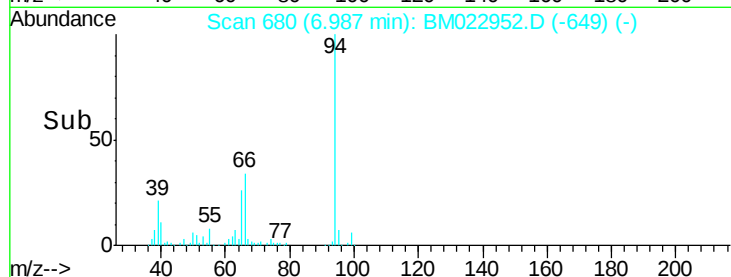
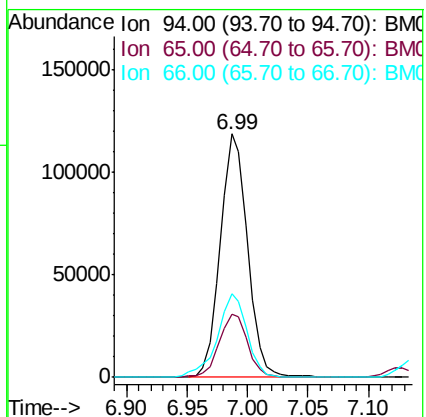
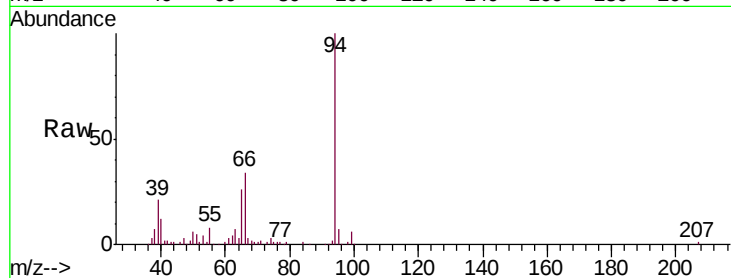
Tgt Ion: 94 Resp: 185475

Ion Ratio Lower Upper

94 100

65 25.9 20.9 31.3

66 34.4 27.2 40.8



#10

2-Chlorophenol

Concen: 21.725 ng/ul

RT: 7.36 min Scan# 743

Delta R.T. -0.02 min

Lab File: BM022952.D

Acq: 04 Oct 2019 11:52

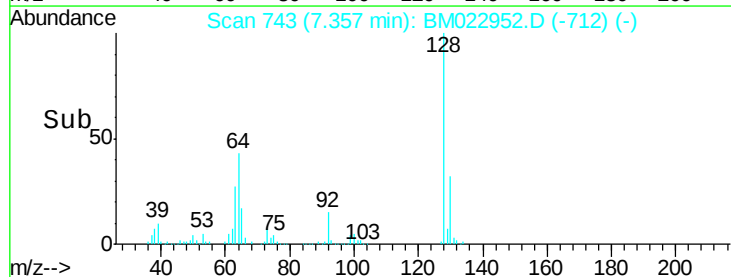
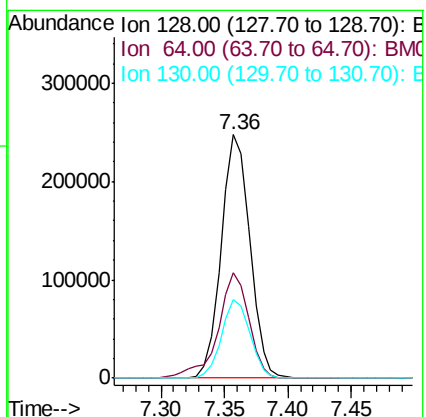
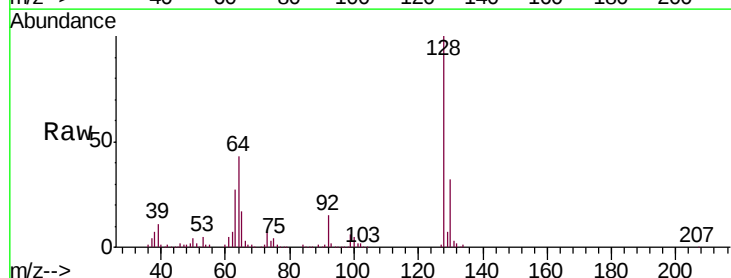
Tgt Ion: 128 Resp: 388212

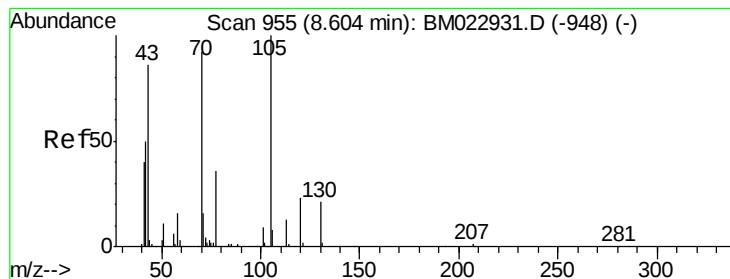
Ion Ratio Lower Upper

128 100

64 43.3 34.1 51.1

130 32.2 26.0 39.0





#15

N-Nitroso-di-n-propylamine

Concen: 25.738 ng/ul

RT: 8.60 min Scan# 954

Delta R.T. -0.02 min

Lab File: BM022952.D

Acq: 04 Oct 2019 11:52

Instrument :

BNA_M

ClientSampleId :

DBAL5MS

Tgt Ion: 70 Resp: 342273

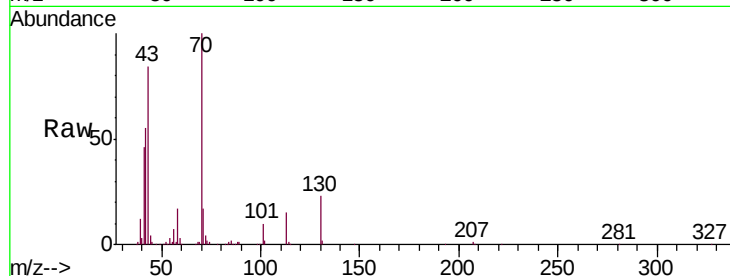
Ion Ratio Lower Upper

70 100

42 54.6 44.6 66.8

101 10.0 8.2 12.2

130 22.7 18.7 28.1

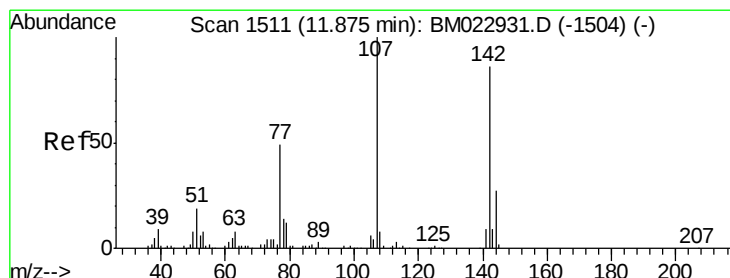
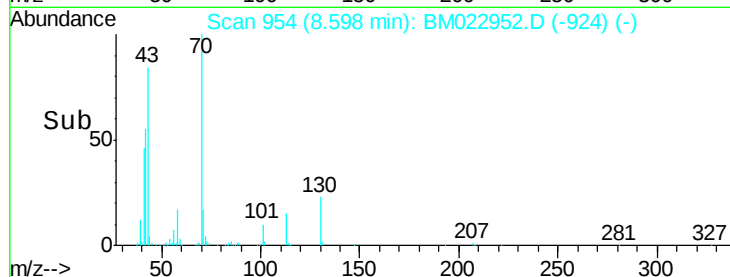
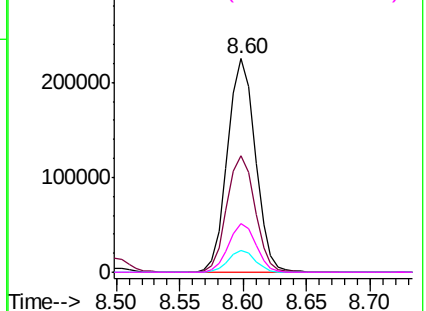


Abundance Ion 70.00 (69.70 to 70.70): BM0

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



#33

4-Chloro-3-methylphenol

Concen: 22.809 ng/ul

RT: 11.87 min Scan# 1510

Delta R.T. -0.02 min

Lab File: BM022952.D

Acq: 04 Oct 2019 11:52

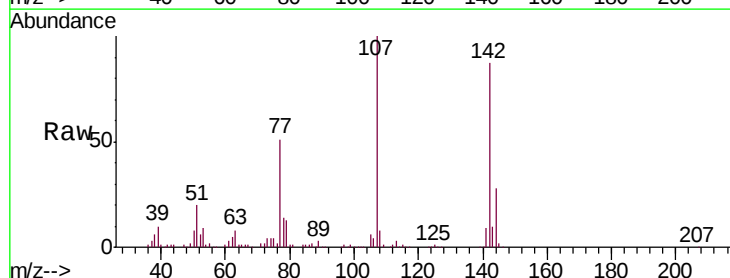
Tgt Ion: 107 Resp: 409578

Ion Ratio Lower Upper

107 100

144 28.5 22.5 33.7

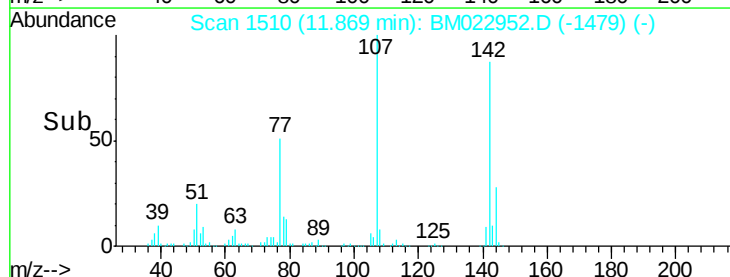
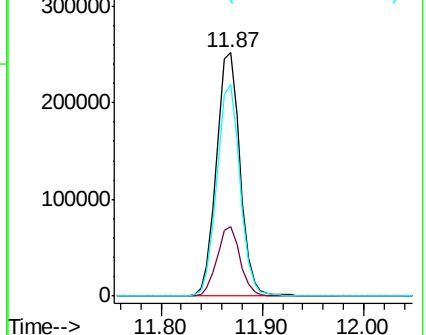
142 87.0 68.9 103.3

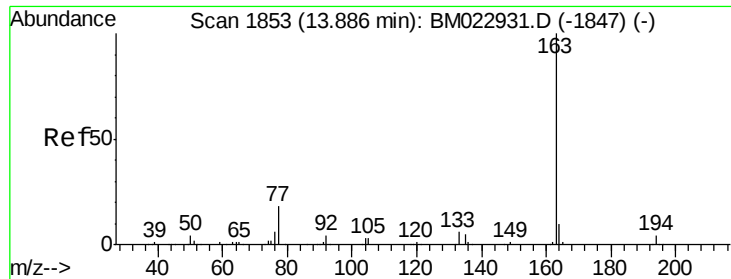


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 2.037 ng/ul

RT: 13.89 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BM022952.D

Acq: 04 Oct 2019 11:52

Instrument :

BNA_M

ClientSampleId :

DBAL5MS

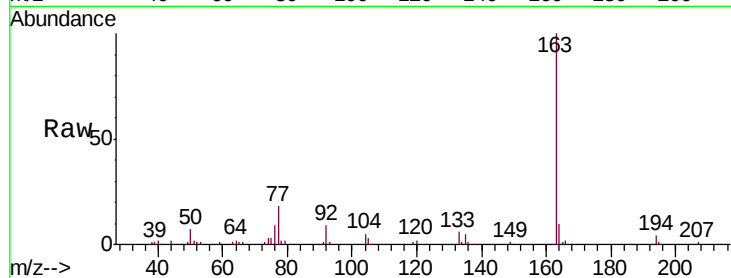
Tgt Ion:163 Resp: 102300

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

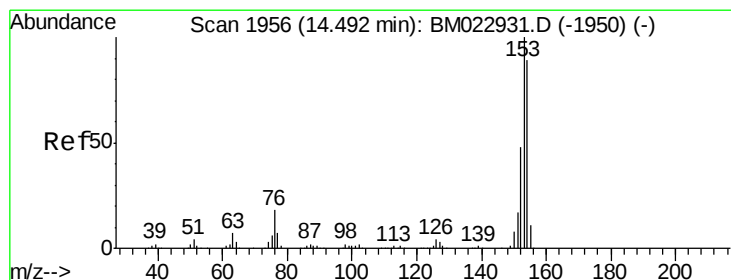
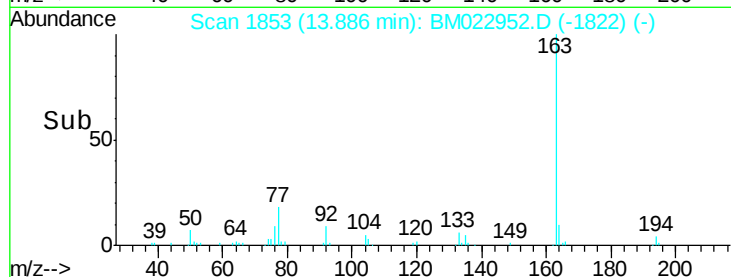
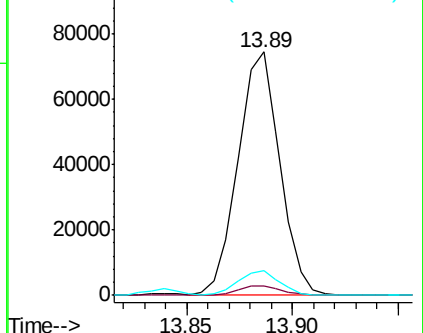
164 10.2 8.1 12.1



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: 26.390 ng/ul

RT: 14.49 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BM022952.D

Acq: 04 Oct 2019 11:52

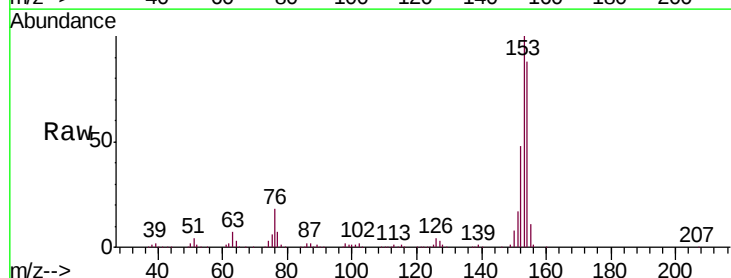
Tgt Ion:153 Resp: 1120068

Ion Ratio Lower Upper

153 100

152 47.6 38.1 57.1

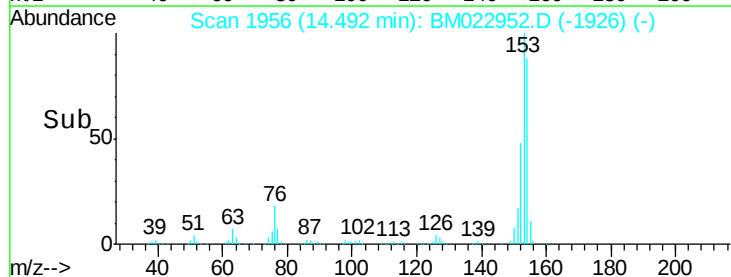
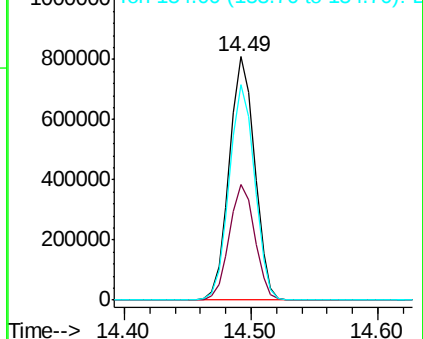
154 88.5 71.1 106.7

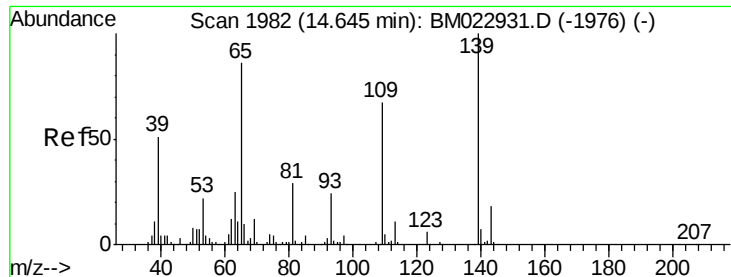


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 6.605 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BM022952.D

Acq: 04 Oct 2019 11:52

Instrument :

BNA_M

ClientSampleId :

DBAL5MS

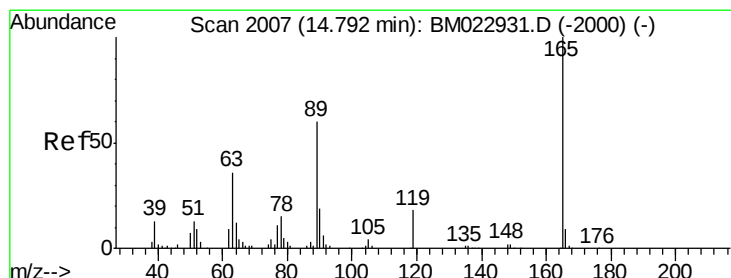
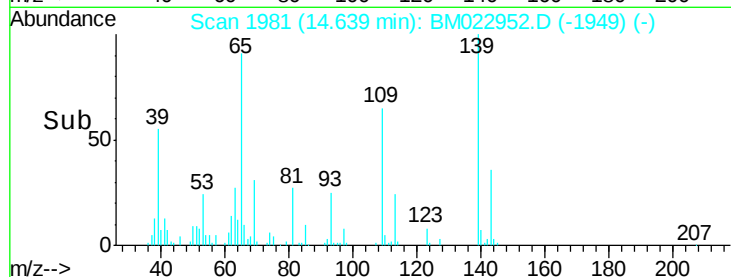
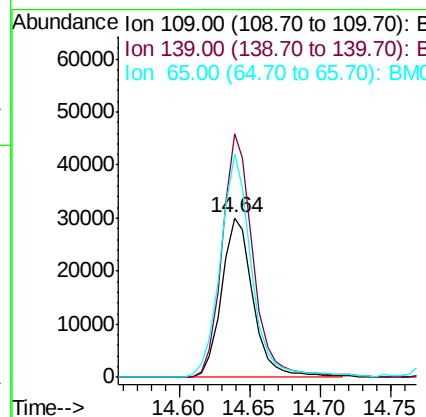
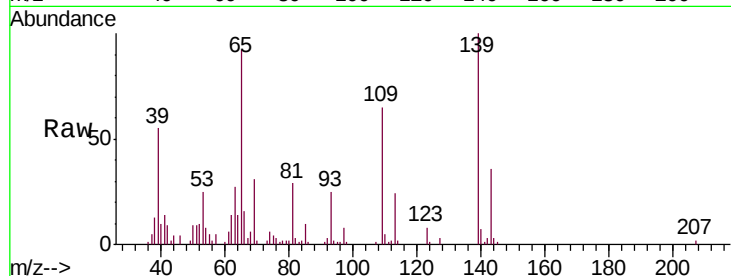
Tgt Ion:109 Resp: 46623

Ion Ratio Lower Upper

109 100

139 152.8 119.5 179.3

65 140.0 105.0 157.4



#55

2,4-Dinitrotoluene

Concen: 25.776 ng/ul

RT: 14.79 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BM022952.D

Acq: 04 Oct 2019 11:52

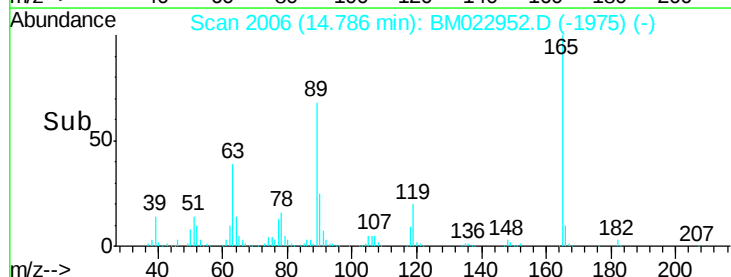
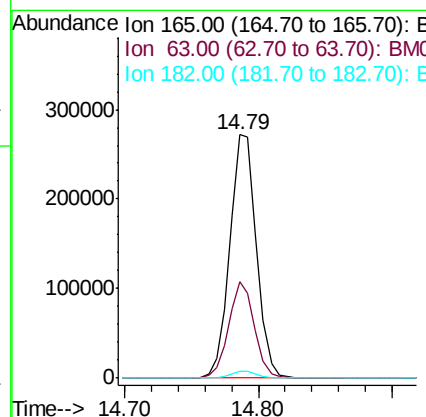
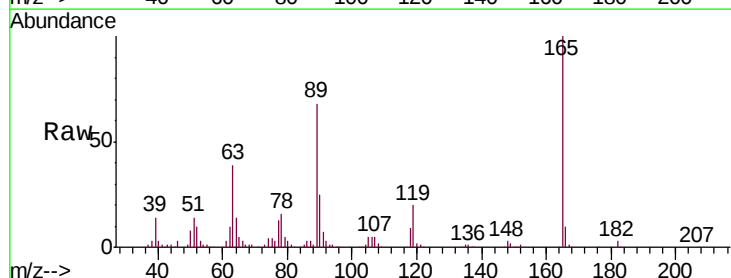
Tgt Ion:165 Resp: 380764

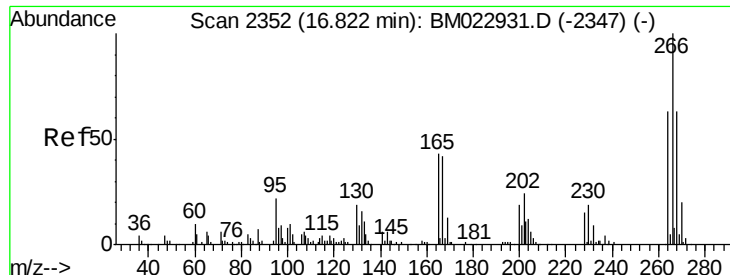
Ion Ratio Lower Upper

165 100

63 39.5 29.8 44.6

182 2.7 2.2 3.4





#69

Pentachlorophenol

Concen: 25.123 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. -0.02 min

Lab File: BM022952.D

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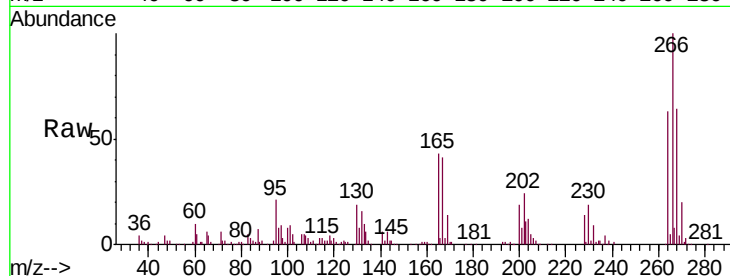
Tgt Ion:266 Resp: 264307

Ion Ratio Lower Upper

266 100

264 62.7 50.8 76.2

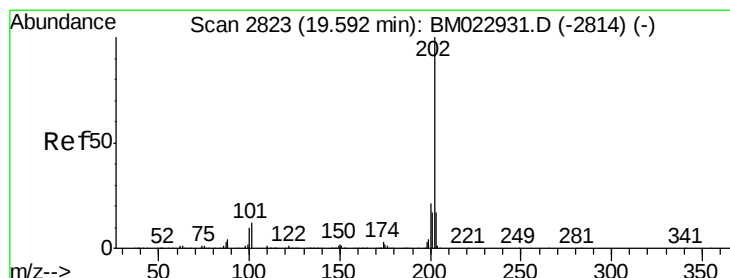
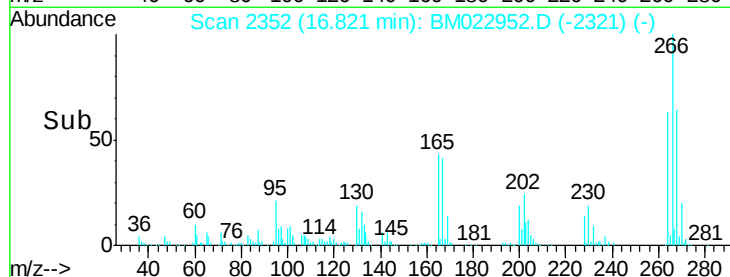
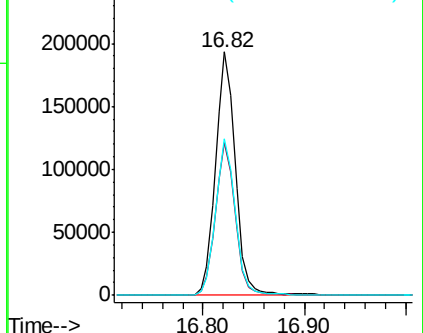
268 64.5 51.4 77.0



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: 32.790 ng/ul

RT: 19.59 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BM022952.D

Acq: 04 Oct 2019 11:52

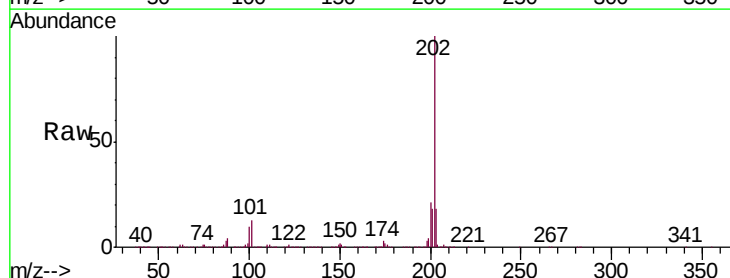
Tgt Ion:202 Resp: 2126721

Ion Ratio Lower Upper

202 100

101 12.6 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): B

