

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022969.D
 Acq On : 04 Oct 2019 22:05
 Operator : JU
 Sample : K5006-16MS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 04 22:57:21 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	230756	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	993466	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	566880	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	979410	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	832628	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	985854	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	25167	4.72	ng/uL	0.00
5) Phenol-d5	6.96	99	125780	6.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	317162	28.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	372364	22.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	241750	14.48	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	233838	30.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	256682	30.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	443884	26.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	50099	2.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.83	166	1409676	32.04	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	1617014	31.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	37884	4.36	ng/ul	0.00
58) Fluorene-d10	15.42	176	1112367	29.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	163720	25.69	ng/ul	0.00
71) Anthracene-d10	17.26	188	1599003	33.43	ng/ul	0.00
79) Pyrene-d10	19.56	212	1664240	37.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	1802021	35.33	ng/ul	0.00

Target Compounds

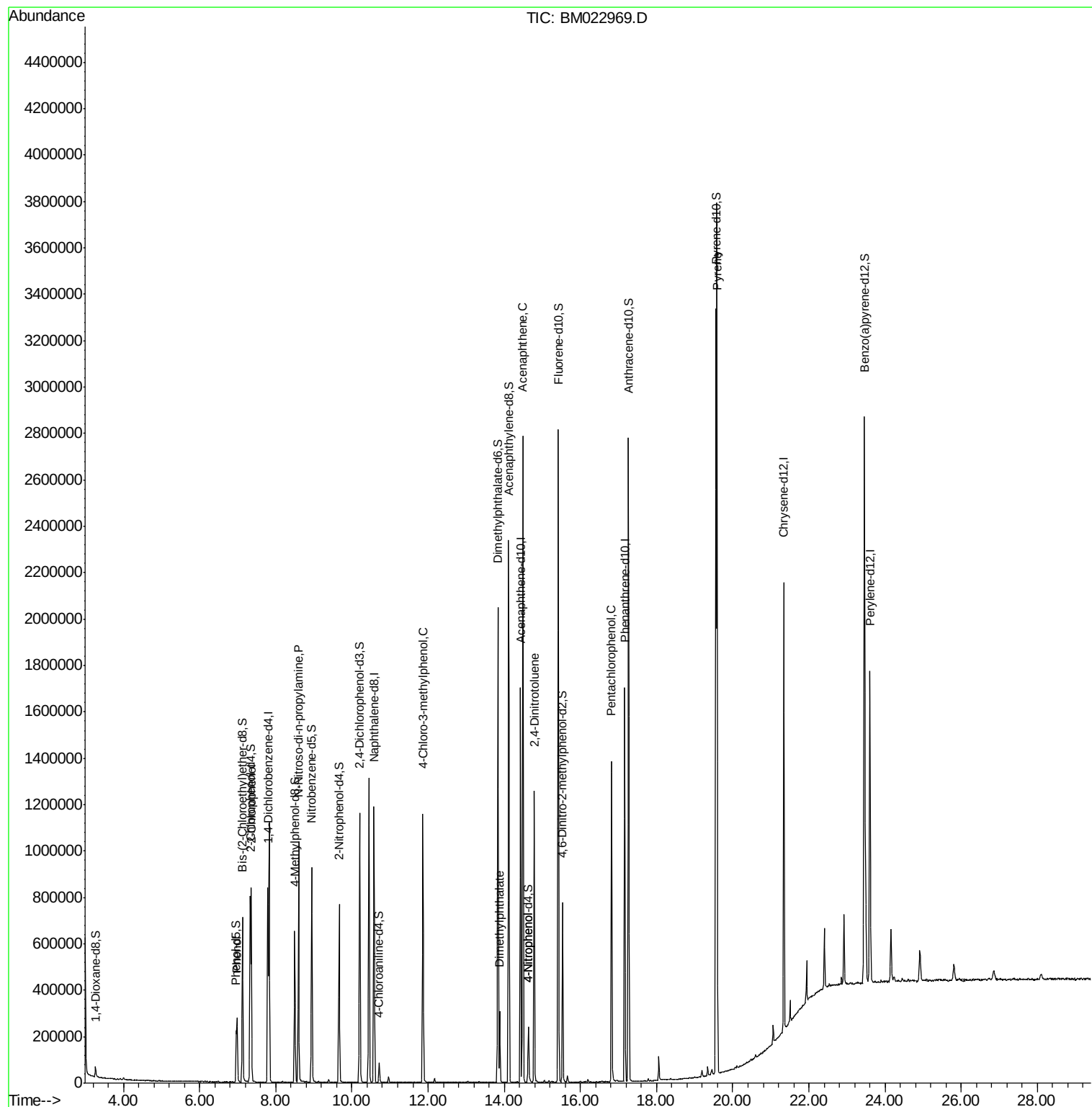
					Ovalue
6) Phenol	6.99	94	146488	6.854	ng/ul 98
10) 2-Chlorophenol	7.36	128	374479	21.263	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.60	70	375650	28.661	ng/ul 99
33) 4-Chloro-3-methylphenol	11.86	107	389559	22.426	ng/ul 99
45) Dimethylphthalate	13.88	163	196625	4.351	ng/ul 99
50) Acenaphthene	14.49	153	1114141	29.166	ng/ul 100
53) 4-Nitrophenol	14.64	109	30469	4.796	ng/ul 97
55) 2,4-Dinitrotoluene	14.79	165	353520	26.589	ng/ul 98
69) Pentachlorophenol	16.82	266	247136	28.917	ng/ul 99
80) Pyrene	19.59	202	2063314	34.958	ng/ul 98

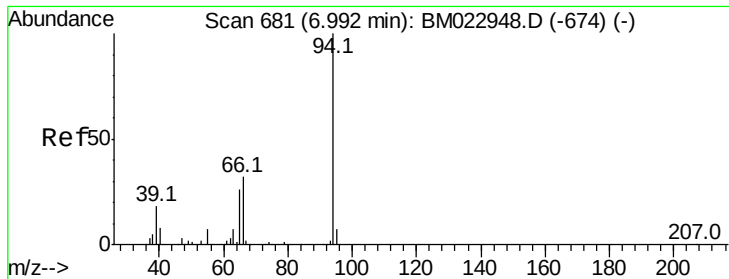
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 6.854 ng/ul

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM022969.D

Acq: 04 Oct 2019 22:05

Instrument :

BNA_M

ClientSampleId :

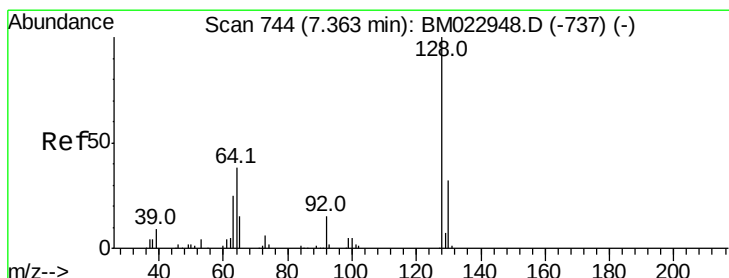
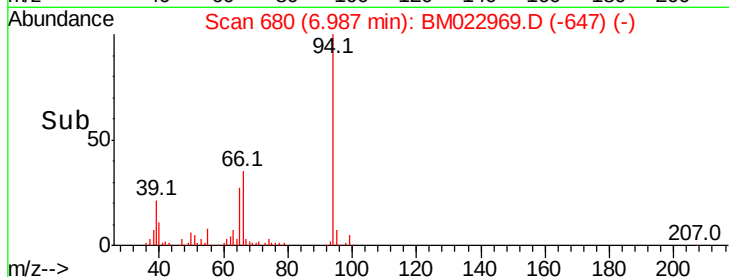
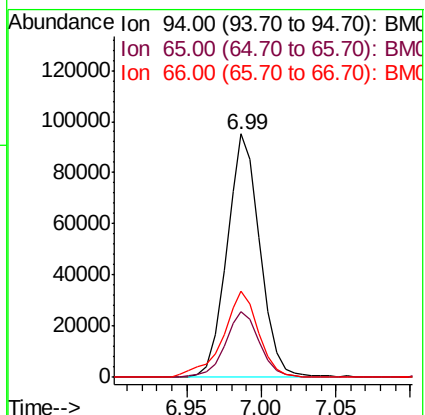
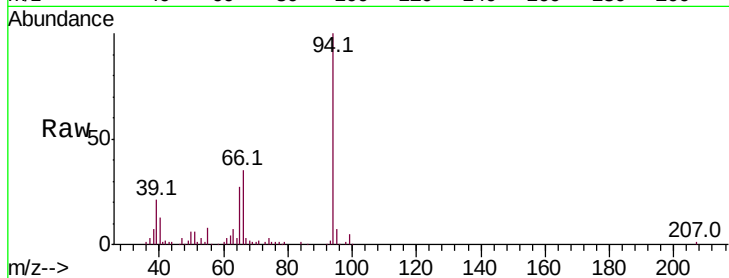
Tot Ion: 94 Resp: 146488

Ion Ratio Lower Upper

94 100

65 27.2 20.9 31.3

66 35.3 27.2 40.8



#10

2-Chlorophenol

Concen: 21.263 ng/ul

RT: 7.36 min Scan# 743

Delta R.T. -0.01 min

Lab File: BM022969.D

Acq: 04 Oct 2019 22:05

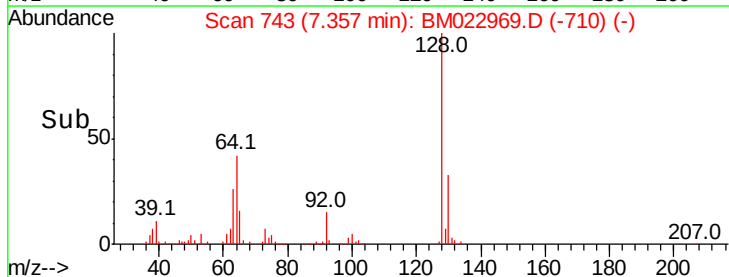
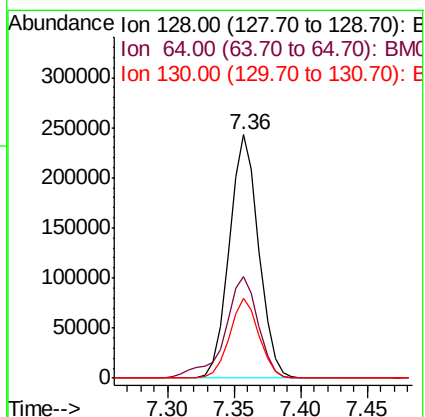
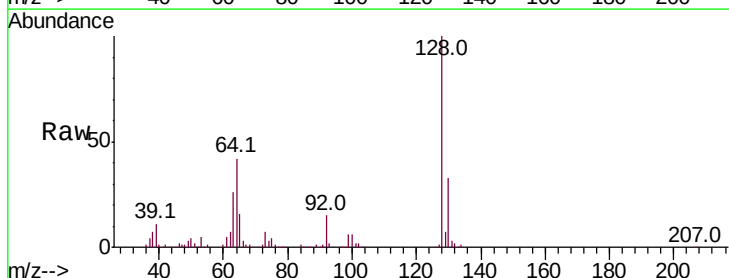
Tgt Ion:128 Resp: 374479

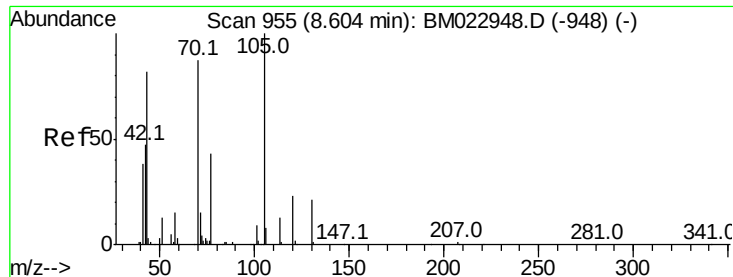
Ion Ratio Lower Upper

128 100

64 41.7 34.1 51.1

130 32.5 26.0 39.0





#15

N-Nitroso-di-n-propylamine

Concen: 28.661 ng/ul

RT: 8.60 min Scan# 954

Delta R.T. -0.01 min

Lab File: BM022969.D

Acq: 04 Oct 2019 22:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 375650

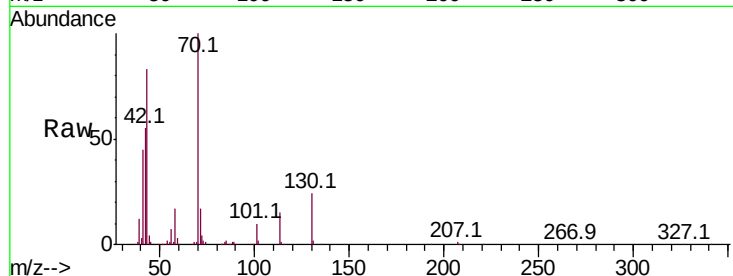
Ion Ratio Lower Upper

70 100

42 54.7 44.6 66.8

101 9.8 8.2 12.2

130 23.7 18.7 28.1

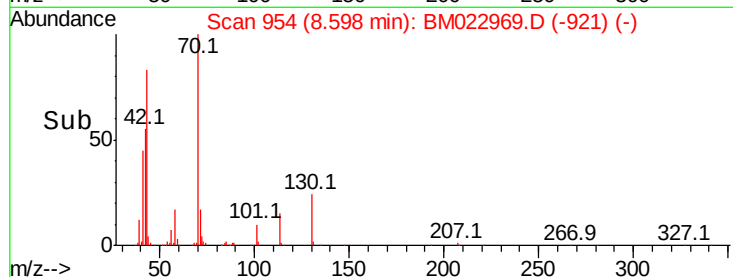
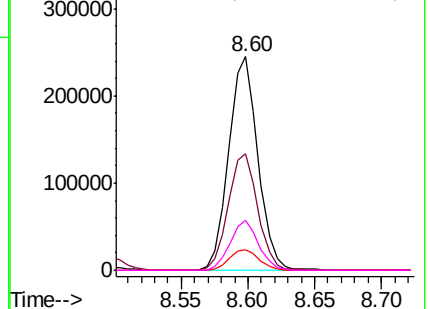


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 22.426 ng/ul

RT: 11.86 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BM022969.D

Acq: 04 Oct 2019 22:05

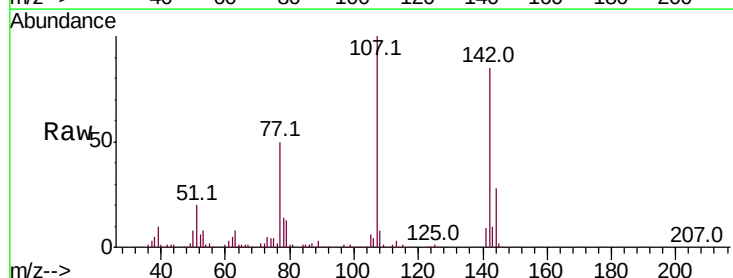
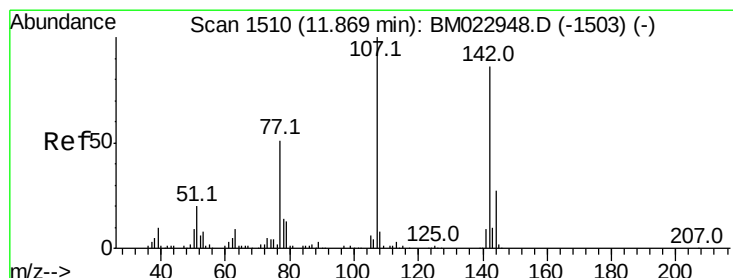
Tgt Ion:107 Resp: 389559

Ion Ratio Lower Upper

107 100

144 27.8 22.5 33.7

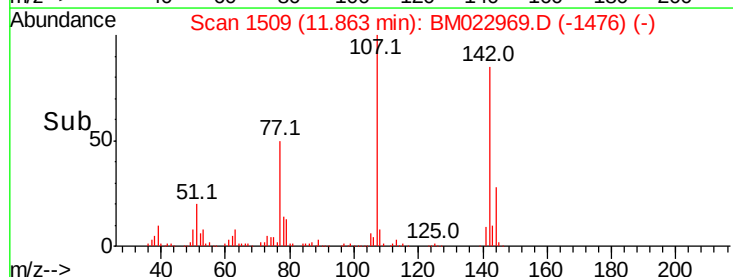
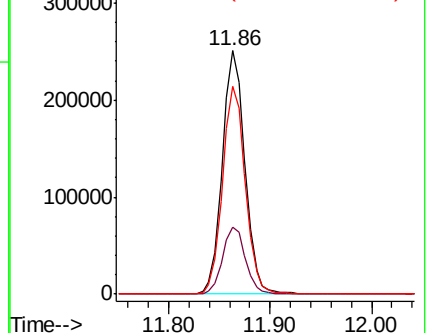
142 85.1 68.9 103.3

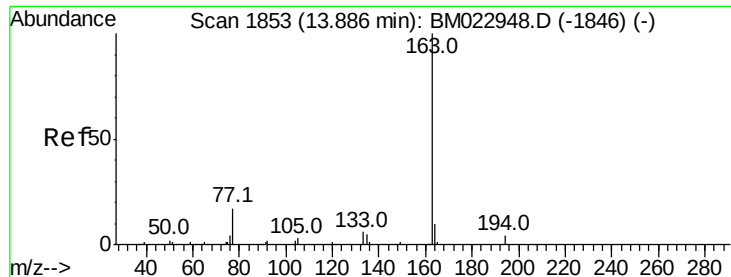


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

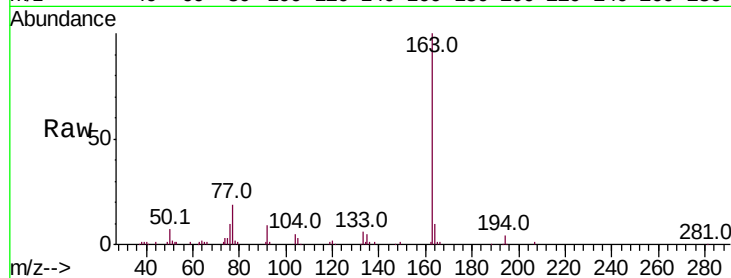




#45
Dimethylphthalate
Concen: 4.351 ng/ul
RT: 13.88 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BM022969.D
Acq: 04 Oct 2019 22:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.8	8.1	12.1

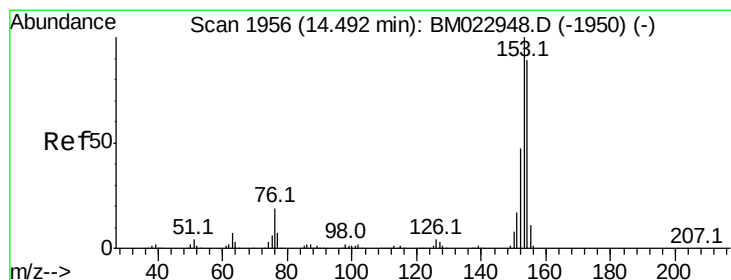
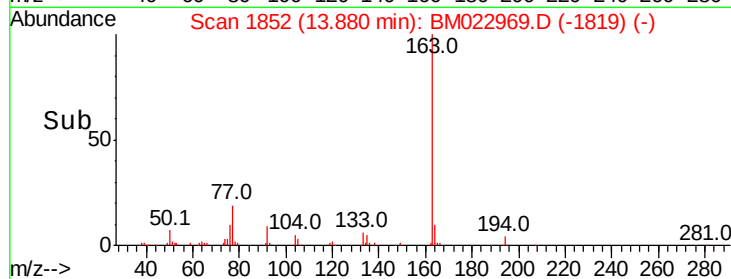
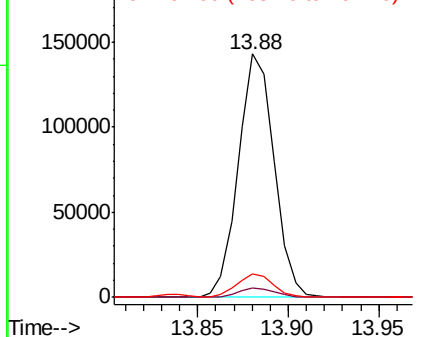


Abundance

Ion 163.00 (162.70 to 163.70): E

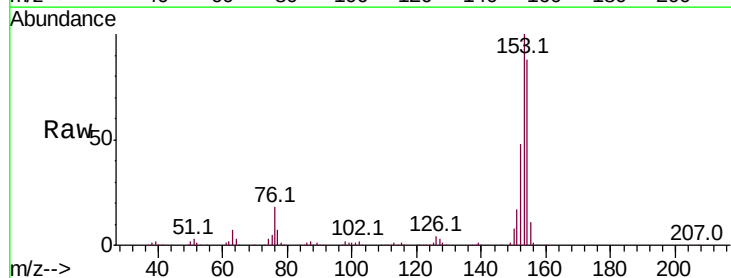
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
Acenaphthene
Concen: 29.166 ng/ul
RT: 14.49 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BM022969.D
Acq: 04 Oct 2019 22:05

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.6	38.1	57.1
154	88.4	71.1	106.7

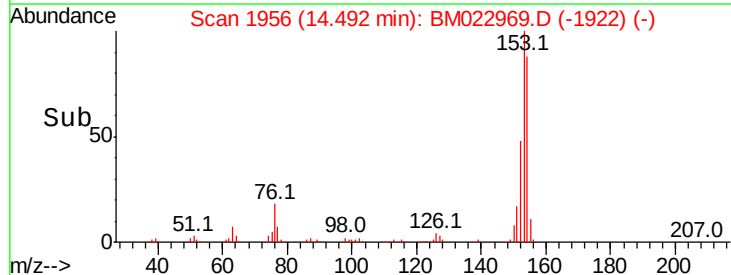
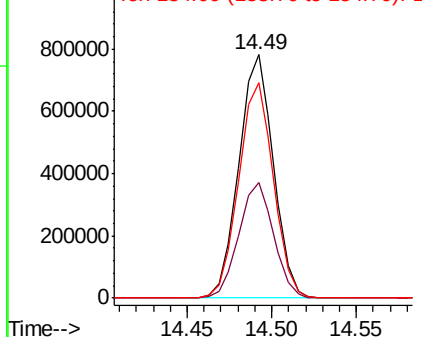


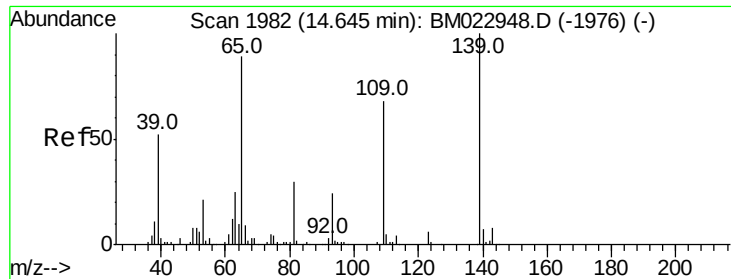
Abundance

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: 4.796 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BM022969.D

Acq: 04 Oct 2019 22:05

Instrument :

BNA_M

ClientSampleId :

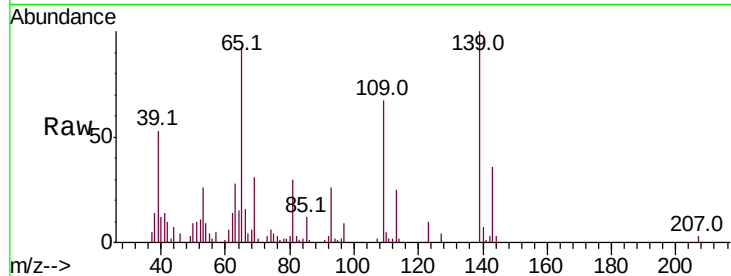
Tot Ion:109 Resp: 30469

Ion Ratio Lower Upper

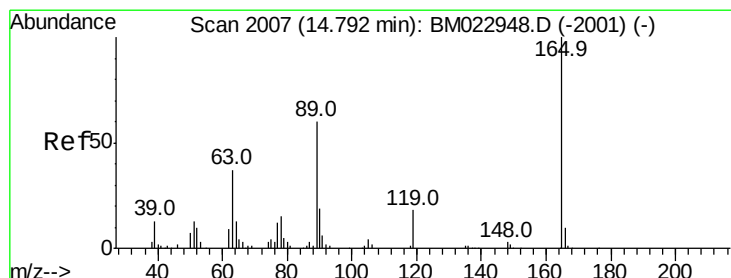
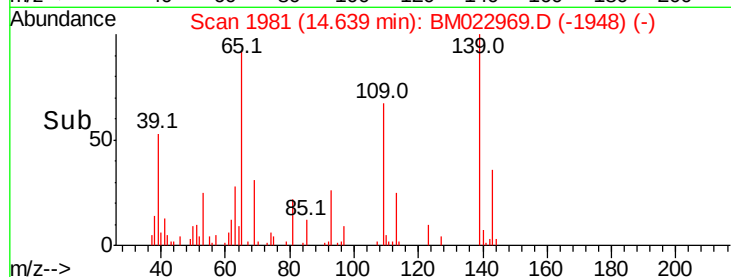
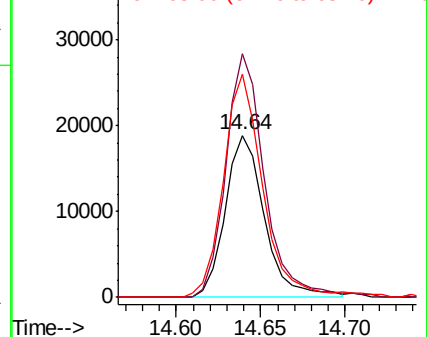
109 100

139 150.1 119.5 179.3

65 138.0 105.0 157.4



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: 26.589 ng/ul

RT: 14.79 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BM022969.D

Acq: 04 Oct 2019 22:05

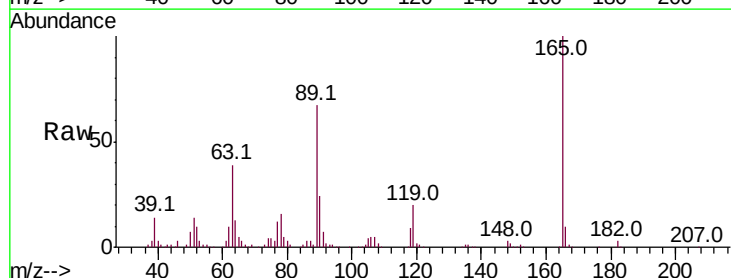
Tgt Ion:165 Resp: 353520

Ion Ratio Lower Upper

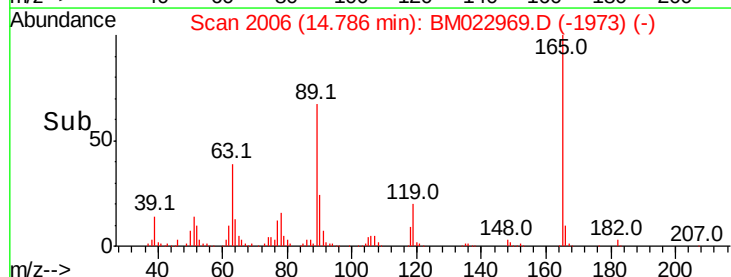
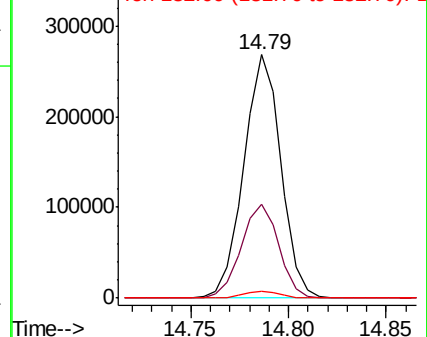
165 100

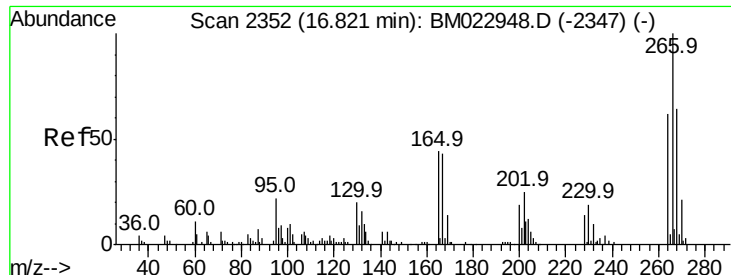
63 38.7 29.8 44.6

182 2.8 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: 28.917 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BM022969.D

Acq: 04 Oct 2019 22:05

Instrument :

BNA_M

ClientSampled :

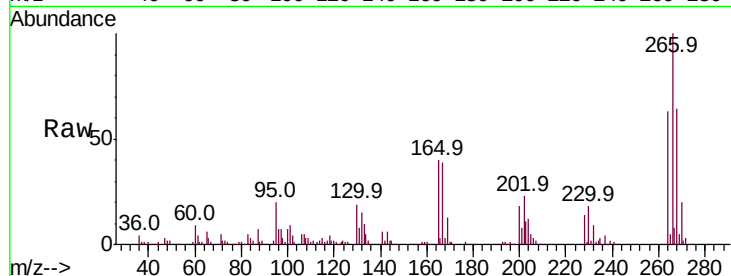
Tot Ion:266 Resp: 247136

Ion Ratio Lower Upper

266 100

264 63.1 50.8 76.2

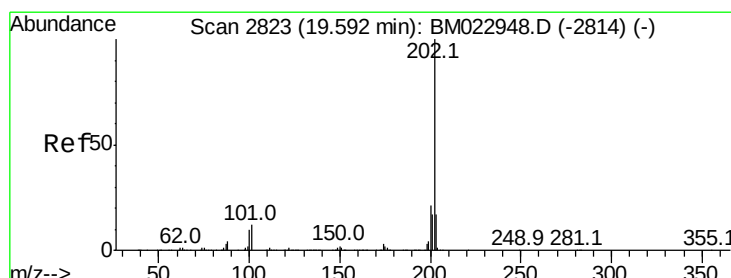
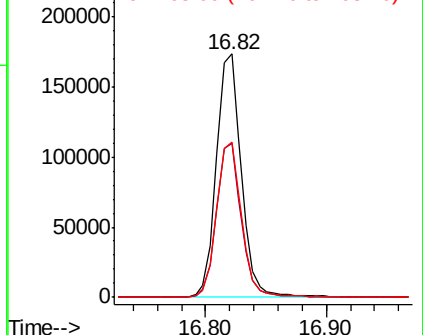
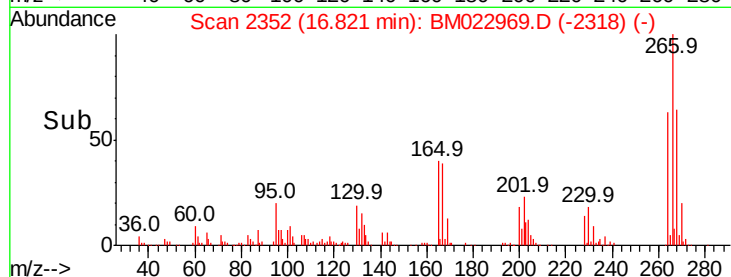
268 63.6 51.4 77.0



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: 34.958 ng/ul

RT: 19.59 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM022969.D

Acq: 04 Oct 2019 22:05

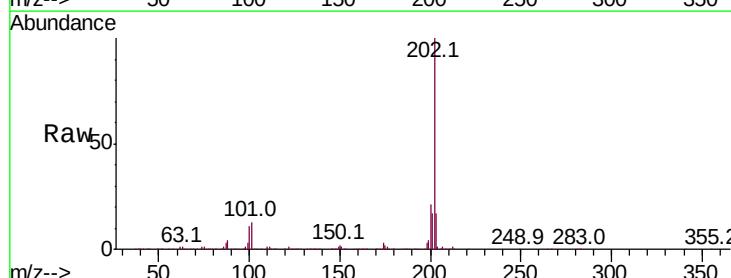
Tgt Ion:202 Resp: 2063314

Ion Ratio Lower Upper

202 100

101 12.9 9.7 14.5

100 10.5 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): E

