

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022970.D
 Acq On : 04 Oct 2019 22:41
 Operator : JU
 Sample : K5006-17MSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJX6MSD

Quant Time: Oct 05 00:30:57 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	230322	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1031118	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	613211	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	1048926	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	828442	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	962891	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	25970	4.88	ng/uL	0.00
5) Phenol-d5	6.96	99	129041	6.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	302714	27.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	362595	22.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	240399	14.43	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	223221	28.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	244342	28.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	434869	25.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	49853	2.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	1417219	29.78	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	1602378	29.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	38476	4.09	ng/ul	0.00
58) Fluorene-d10	15.42	176	1115401	27.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	155336	22.76	ng/ul	0.00
71) Anthracene-d10	17.26	188	1574111	30.73	ng/ul	0.00
79) Pyrene-d10	19.56	212	1526541	34.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	1582715	31.77	ng/ul	0.00

Target Compounds

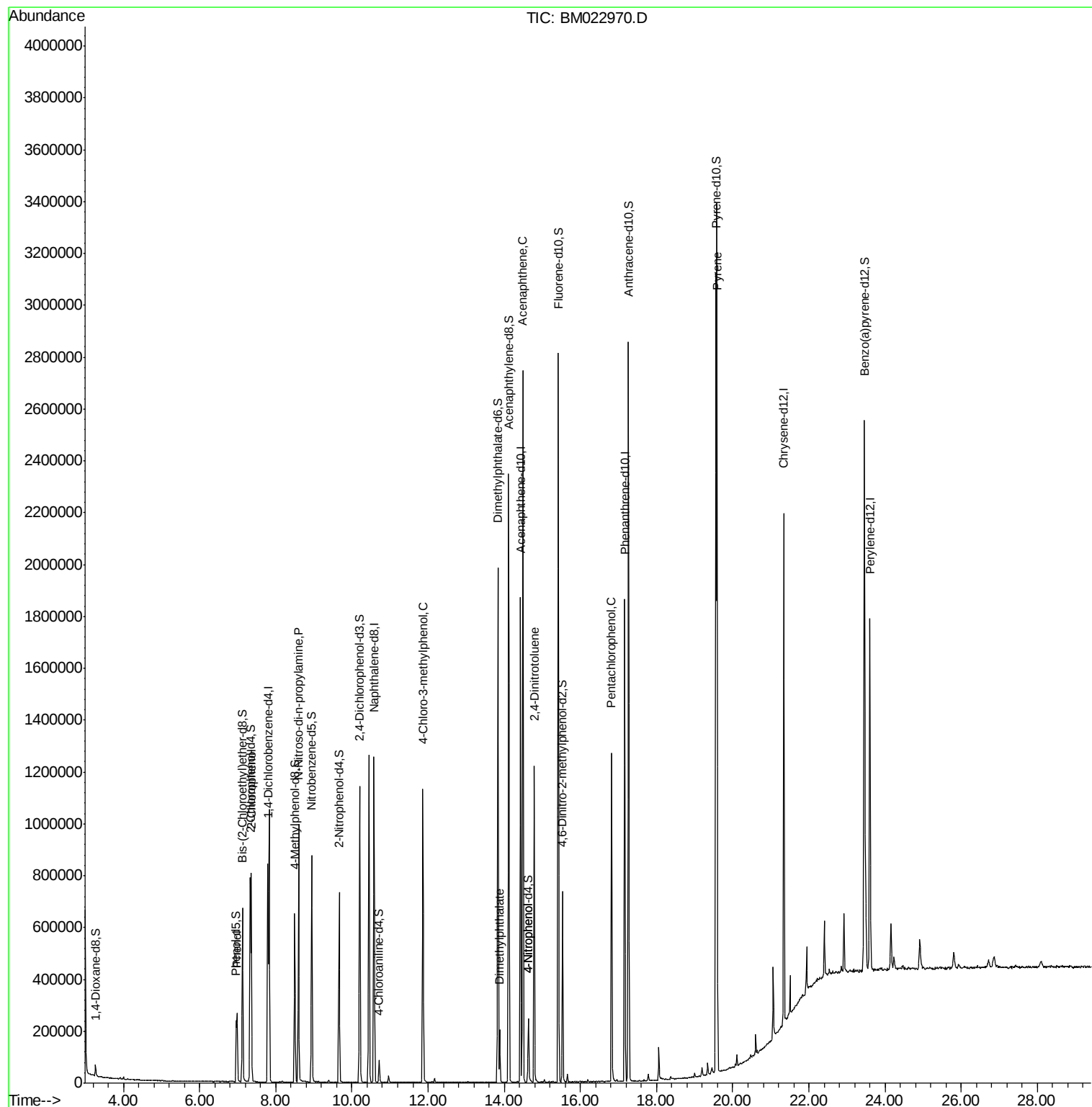
					Ovalue
6) Phenol	6.99	94	144922	6.793	ng/ul 99
10) 2-Chlorophenol	7.36	128	361129	20.543	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.60	70	355848	27.201	ng/ul 99
33) 4-Chloro-3-methylphenol	11.86	107	390123	21.639	ng/ul 100
45) Dimethylphthalate	13.88	163	129066	2.640	ng/ul 99
50) Acenaphthene	14.49	153	1105027	26.742	ng/ul 100
53) 4-Nitrophenol	14.64	109	30816	4.484	ng/ul 97
55) 2,4-Dinitrotoluene	14.79	165	349592	24.307	ng/ul 98
69) Pentachlorophenol	16.82	266	229922	25.120	ng/ul 99
80) Pyrene	19.59	202	1906889	32.471	ng/ul 99

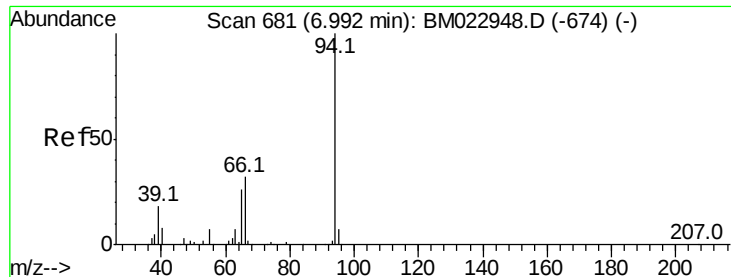
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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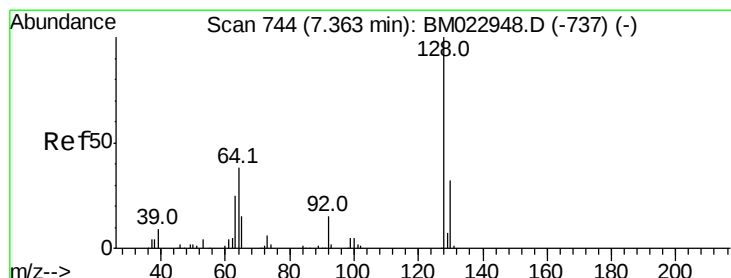
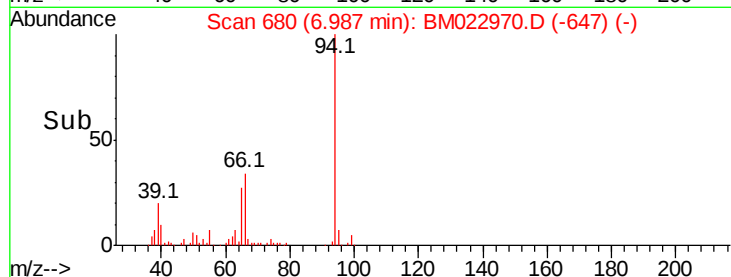
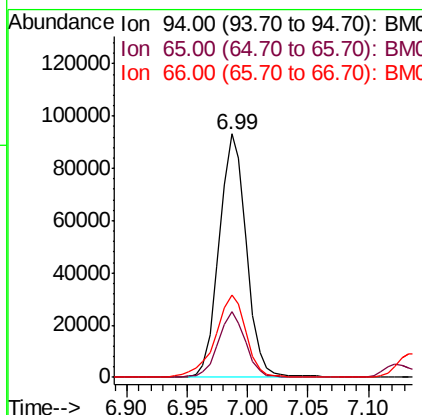
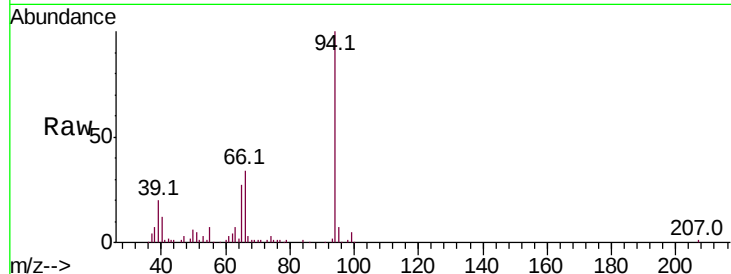
#6

Phenol

Concen: 6.793 ng/ul
 RT: 6.99 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BM022970.D
 Acq: 04 Oct 2019 22:41

Instrument :
 BNA_M
 ClientSampleId :
 ETJX6MSD

Tot Ion: 94 Resp: 144922
 Ion Ratio Lower Upper
 94 100
 65 26.8 20.9 31.3
 66 34.1 27.2 40.8

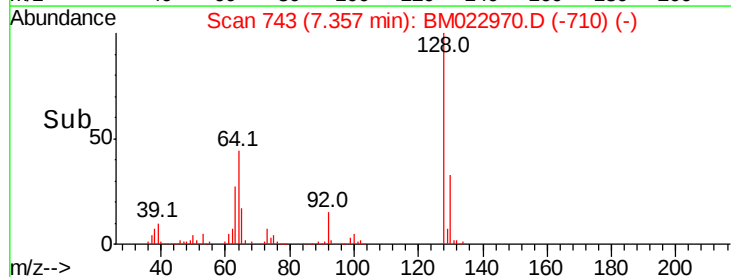
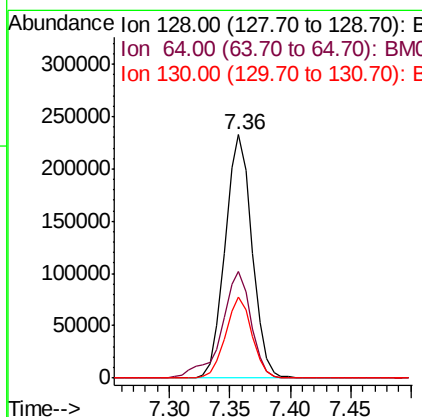
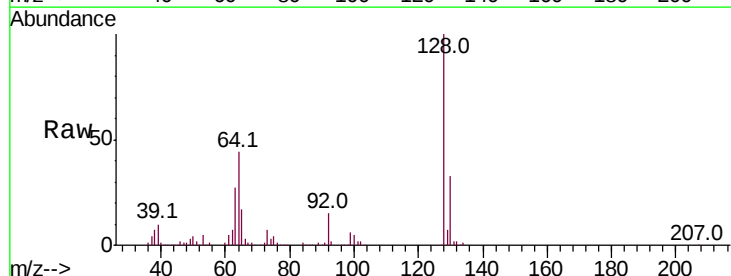


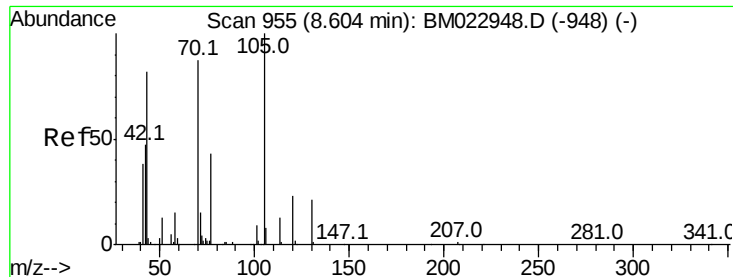
#10

2-Chlorophenol

Concen: 20.543 ng/ul
 RT: 7.36 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BM022970.D
 Acq: 04 Oct 2019 22:41

Tgt Ion: 128 Resp: 361129
 Ion Ratio Lower Upper
 128 100
 64 43.5 34.1 51.1
 130 33.1 26.0 39.0





#15

N-Nitroso-di-n-propylamine

Concen: 27.201 ng/ul

RT: 8.60 min Scan# 954

Delta R.T. -0.01 min

Lab File: BM022970.D

Acq: 04 Oct 2019 22:41

Instrument :

BNA_M

ClientSampleId :

ETJX6MSD

Tot Ion: 70 Resp: 355848

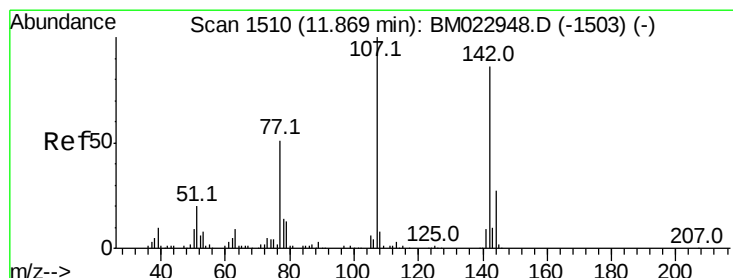
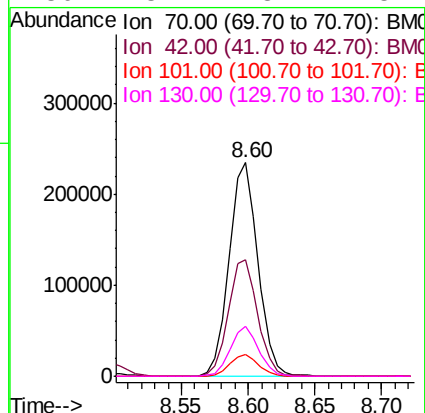
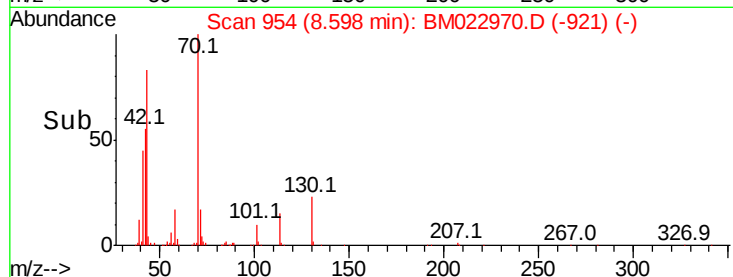
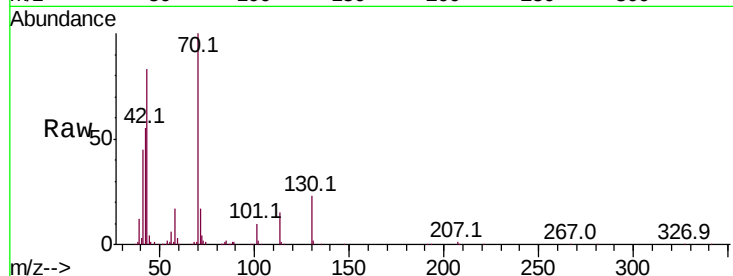
Ion	Ratio	Lower	Upper
70	100		
42	54.7	44.6	66.8
101	10.0	8.2	12.2
130	23.4	18.7	28.1

70 100

42 54.7 44.6 66.8

101 10.0 8.2 12.2

130 23.4 18.7 28.1



#33

4-Chloro-3-methylphenol

Concen: 21.639 ng/ul

RT: 11.86 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BM022970.D

Acq: 04 Oct 2019 22:41

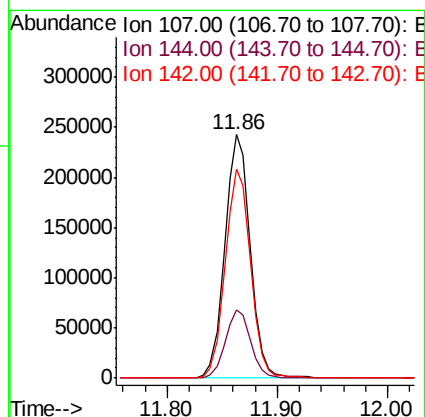
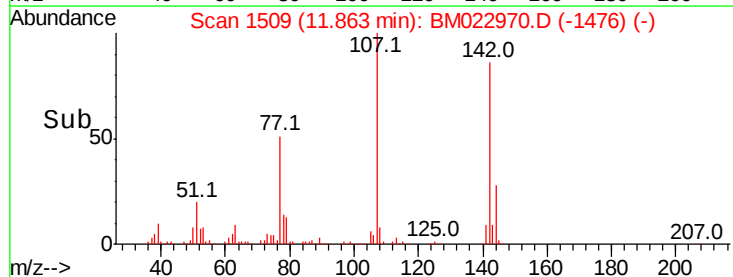
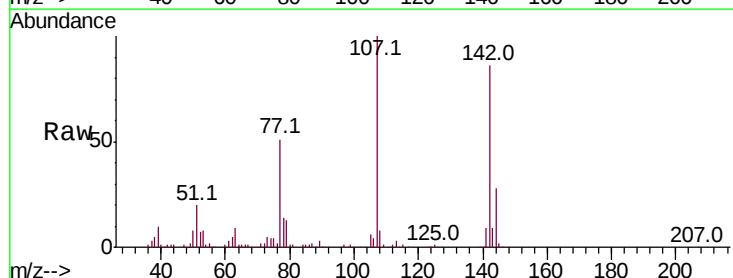
Tgt Ion:107 Resp: 390123

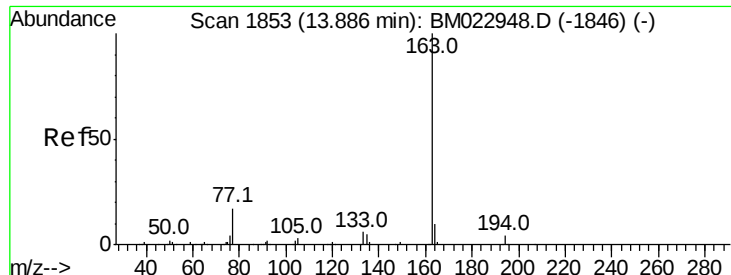
Ion	Ratio	Lower	Upper
107	100		
144	28.1	22.5	33.7
142	85.9	68.9	103.3

107 100

144 28.1 22.5 33.7

142 85.9 68.9 103.3





#45

Dimethylphthalate

Concen: 2.640 ng/ul

RT: 13.88 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BM022970.D

Acq: 04 Oct 2019 22:41

Instrument :

BNA_M

ClientSampleId :

ETJX6MSD

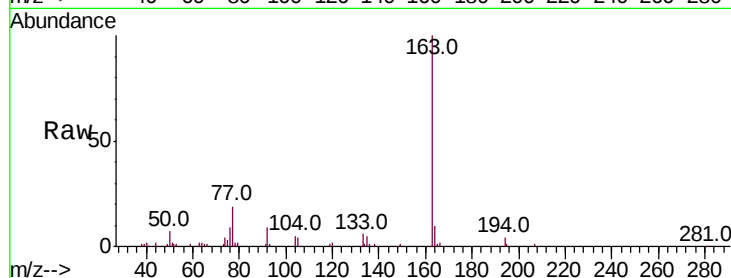
Tot Ion:163 Resp: 129066

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.4 8.1 12.1

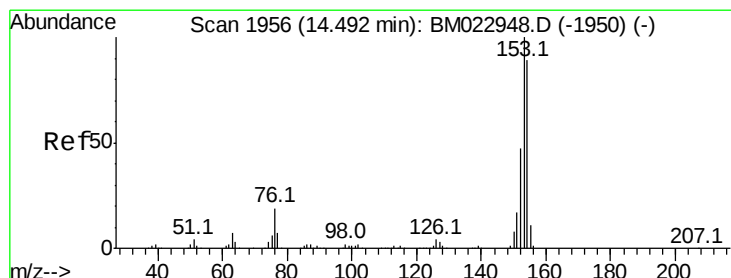
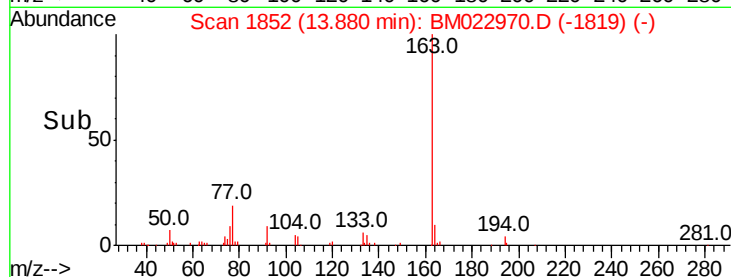
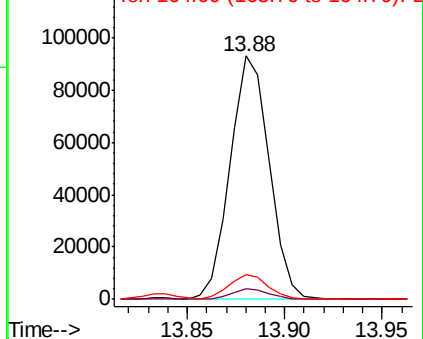


Abundance

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: 26.742 ng/ul

RT: 14.49 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BM022970.D

Acq: 04 Oct 2019 22:41

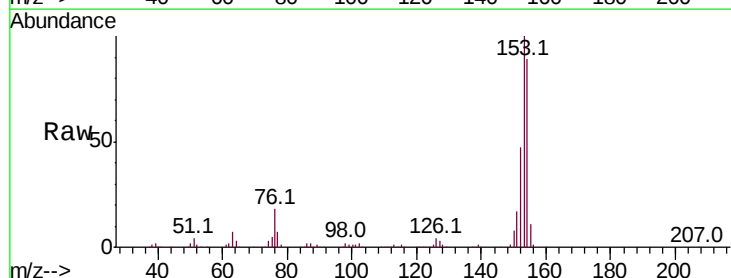
Tgt Ion:153 Resp: 1105027

Ion Ratio Lower Upper

153 100

152 47.4 38.1 57.1

154 89.2 71.1 106.7

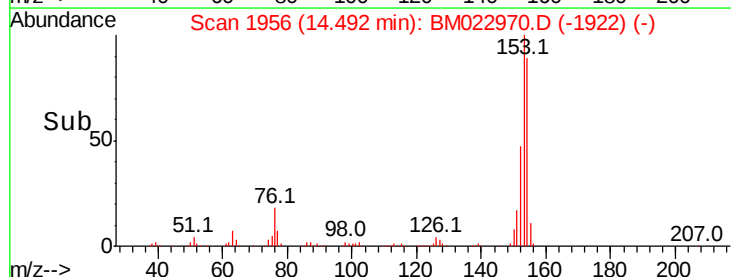
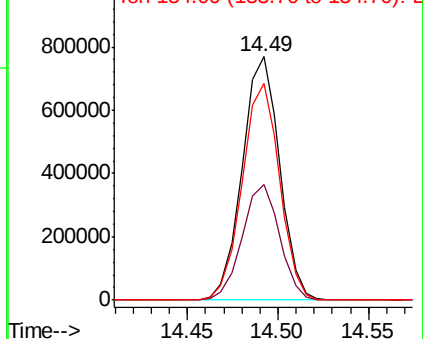


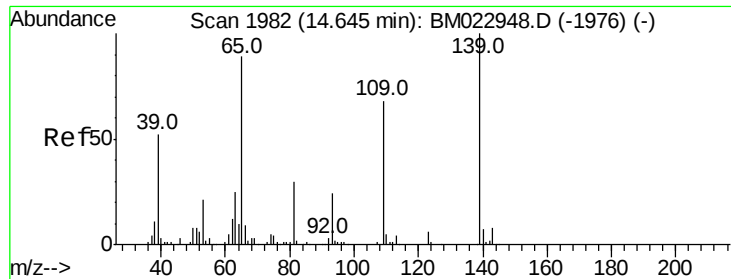
Abundance

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: 4.484 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BM022970.D

Acq: 04 Oct 2019 22:41

Instrument :

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ClientSampleId :

ETJX6MSD

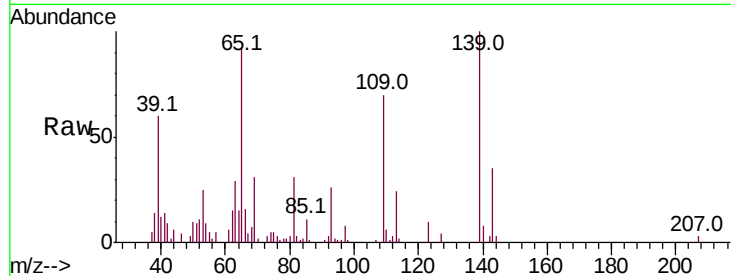
Tot Ion:109 Resp: 30816

Ion Ratio Lower Upper

109 100

139 143.4 119.5 179.3

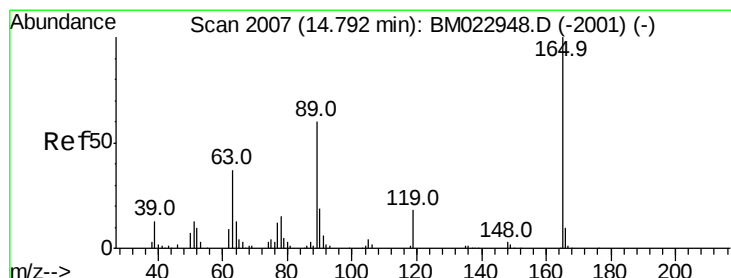
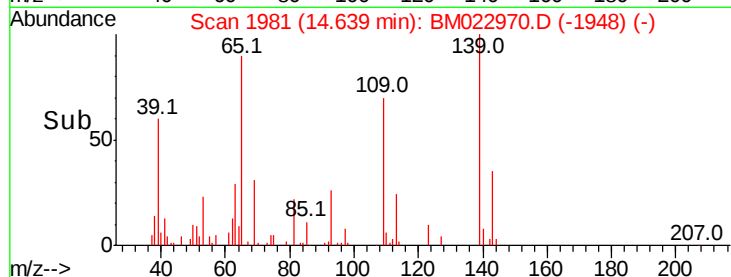
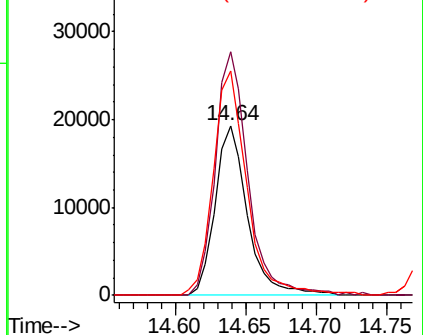
65 132.5 105.0 157.4



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: 24.307 ng/ul

RT: 14.79 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BM022970.D

Acq: 04 Oct 2019 22:41

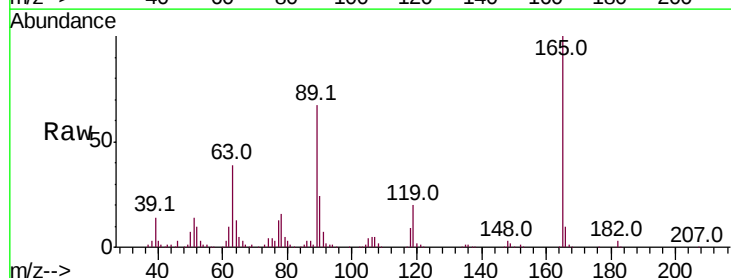
Tgt Ion:165 Resp: 349592

Ion Ratio Lower Upper

165 100

63 38.6 29.8 44.6

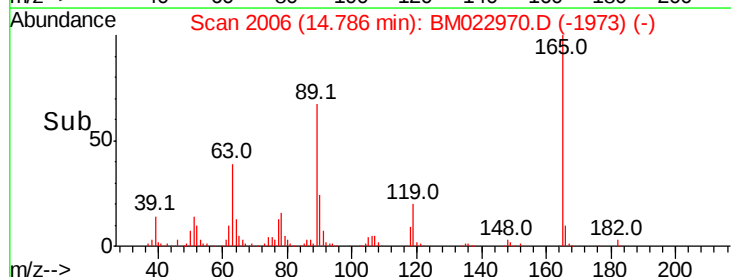
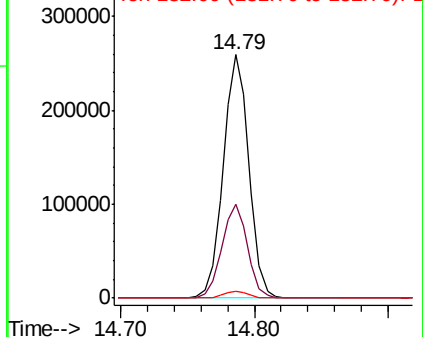
182 2.9 2.2 3.4

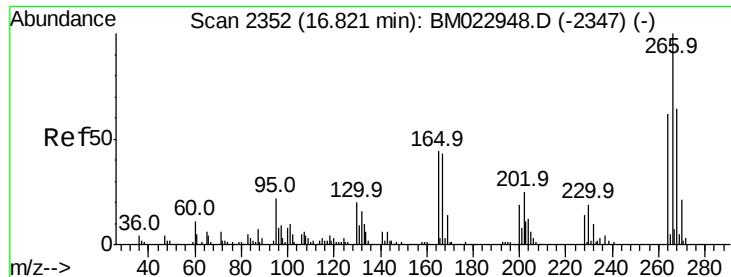


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 25.120 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BM022970.D

Acq: 04 Oct 2019 22:41

Instrument :

BNA_M

ClientSampleId :

ETJX6MSD

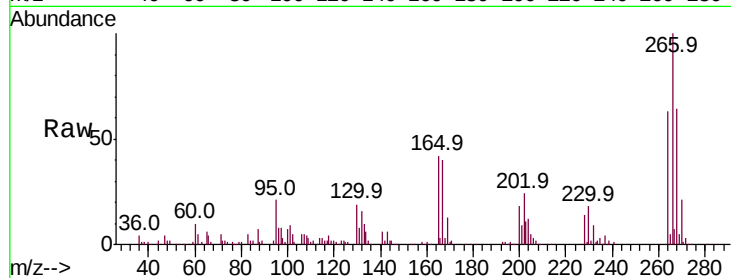
Tot Ion:266 Resp: 229922

Ion Ratio Lower Upper

266 100

264 62.7 50.8 76.2

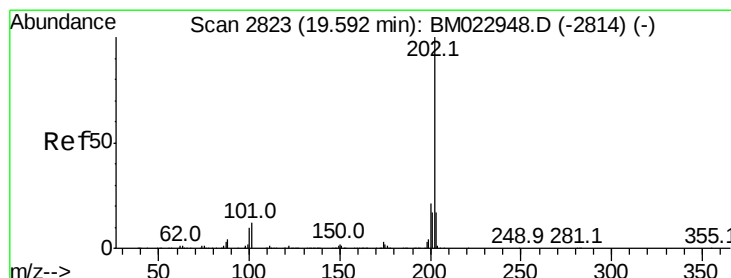
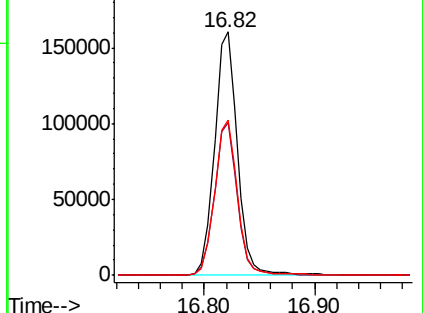
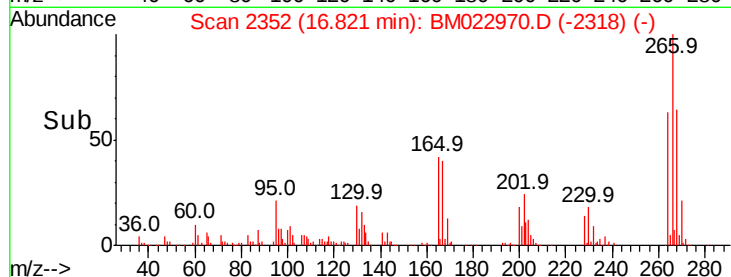
268 63.8 51.4 77.0



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: 32.471 ng/ul

RT: 19.59 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM022970.D

Acq: 04 Oct 2019 22:41

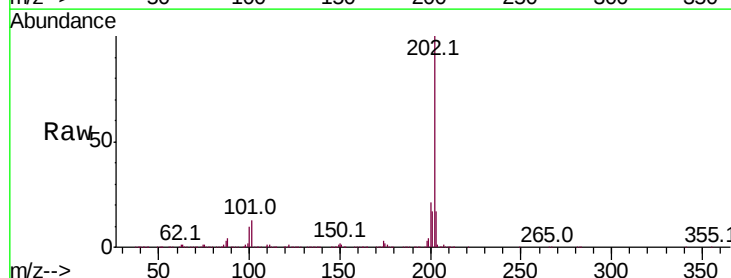
Tgt Ion:202 Resp: 1906889

Ion Ratio Lower Upper

202 100

101 12.6 9.7 14.5

100 10.2 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

