

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 :

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

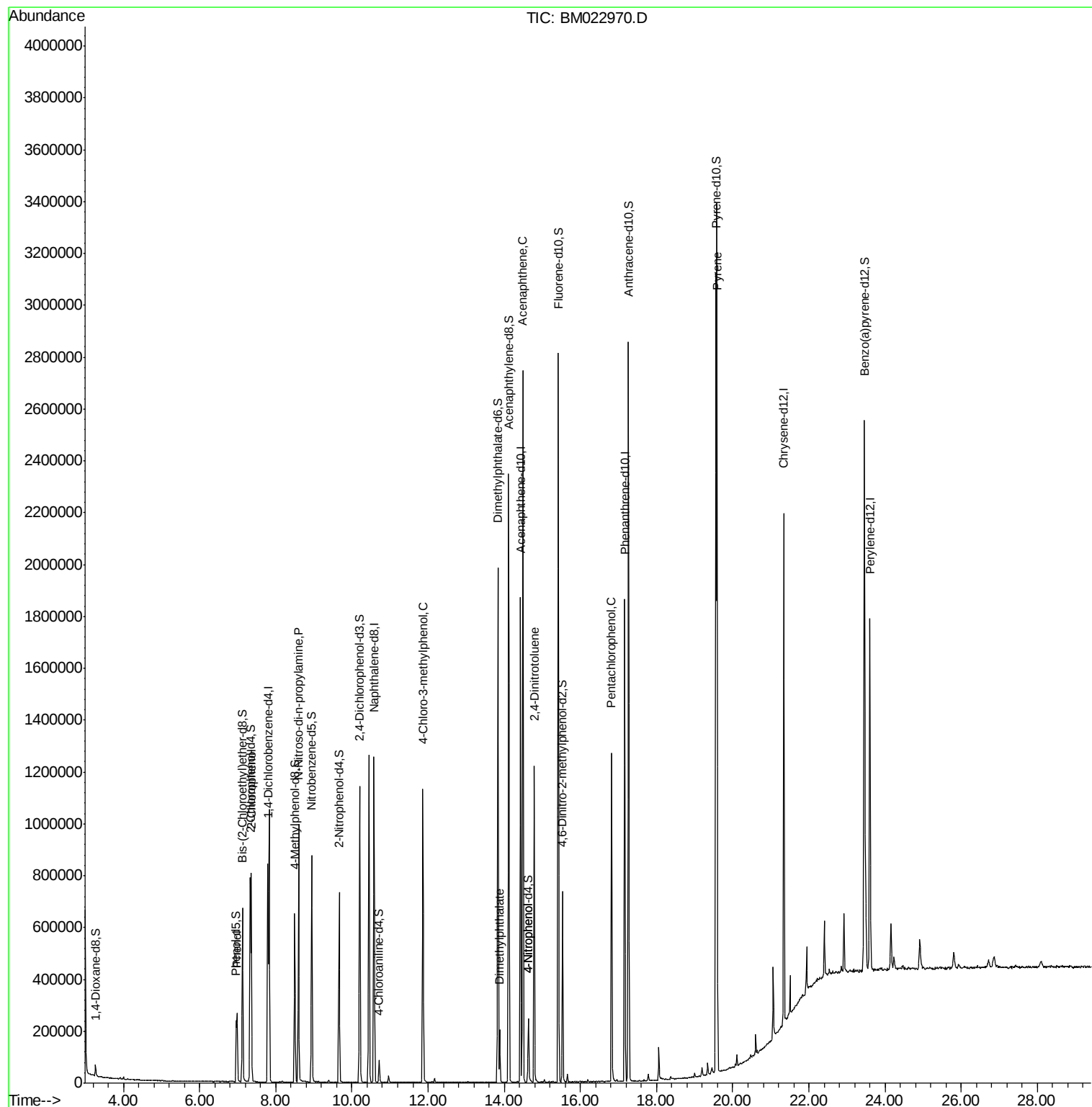
					Ovalue
6) Phenol	6.99	94	144922	6.793	ng/ul 99
10) 2-Chlorophenol	7.36	128	361129	20.543	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.60	70	355848	27.201	ng/ul 99
33) 4-Chloro-3-methylphenol	11.86	107	390123	21.639	ng/ul 100
45) Dimethylphthalate	13.88	163	129066	2.640	ng/ul 99
50) Acenaphthene	14.49	153	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

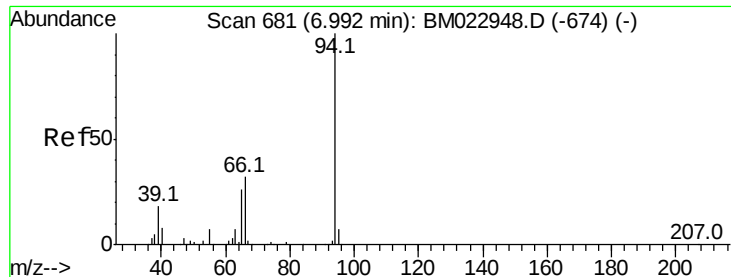
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#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 :

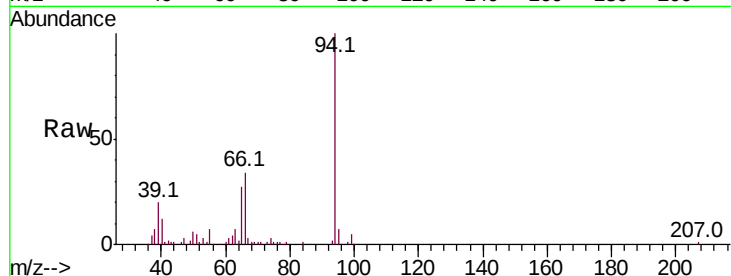
Tot Ion: 94 Resp: 144922

Ion Ratio Lower Upper

94 100

65 26.8 20.9 31.3

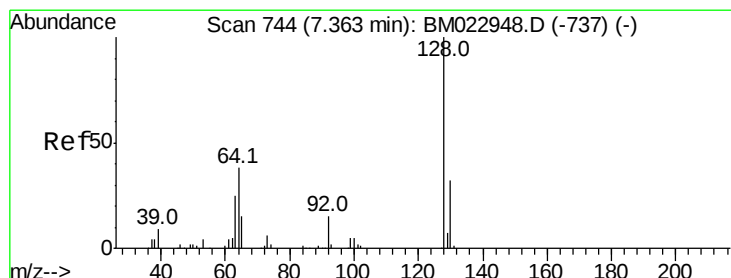
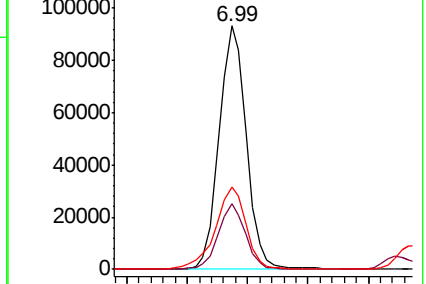
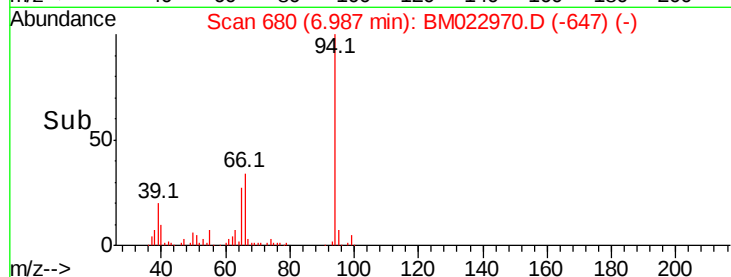
66 34.1 27.2 40.8



Abundance Ion 94.00 (93.70 to 94.70): BM022948.D (-674) (-)

Ion 65.00 (64.70 to 65.70): BM022948.D (-674) (-)

Ion 66.00 (65.70 to 66.70): BM022948.D (-674) (-)



#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

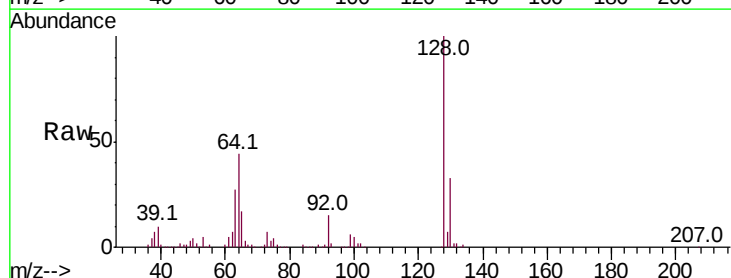
Tgt Ion:128 Resp: 361129

Ion Ratio Lower Upper

128 100

64 43.5 34.1 51.1

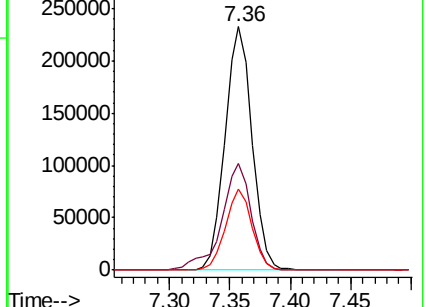
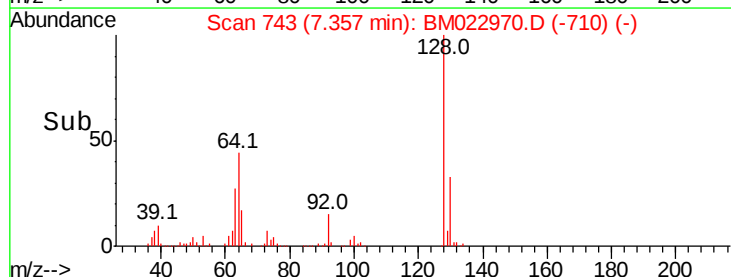
130 33.1 26.0 39.0

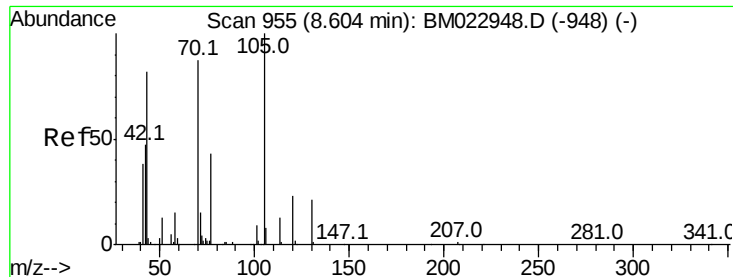


Abundance Ion 128.00 (127.70 to 128.70): BM022948.D (-737) (-)

Ion 64.00 (63.70 to 64.70): BM022948.D (-737) (-)

Ion 130.00 (129.70 to 130.70): BM022948.D (-737) (-)





#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

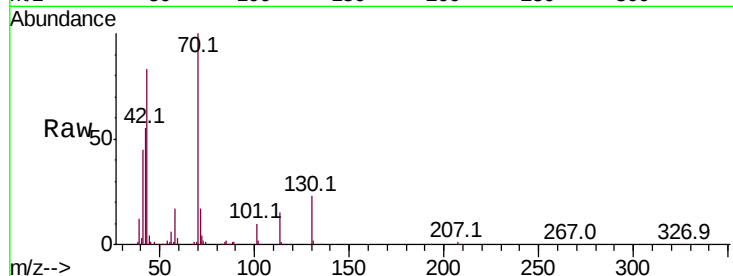
Instrument :

BNA_M

ClientSampleId :

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

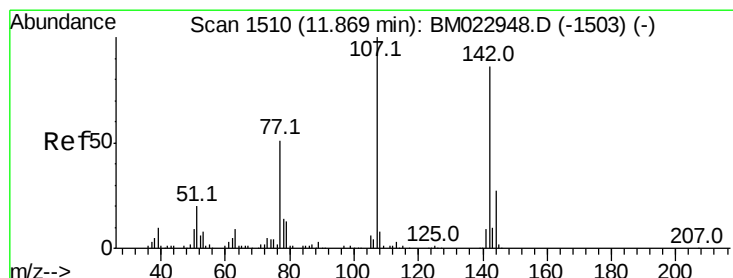
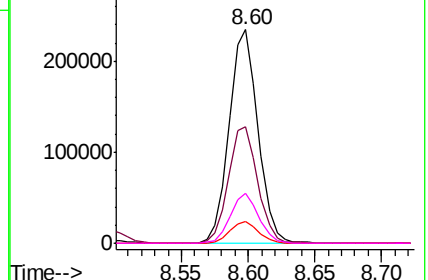
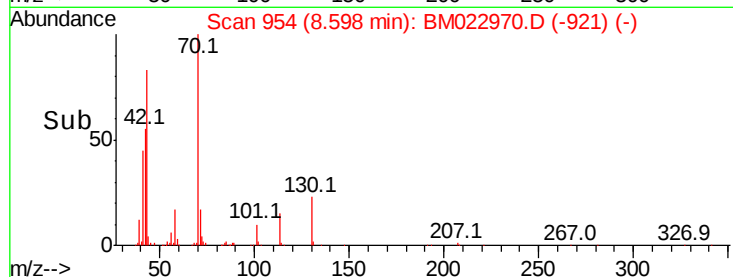


Abundance Ion 70.00 (69.70 to 70.70): BM022948.D (-948) (-)

Ion 42.00 (41.70 to 42.70): BM022948.D (-948) (-)

Ion 101.00 (100.70 to 101.70): BM022948.D (-948) (-)

Ion 130.00 (129.70 to 130.70): BM022948.D (-948) (-)



#33

4-Chloro-3-methylphenol

Concen: 21.639 ng/ul

RT: 11.86 min Scan# 1509

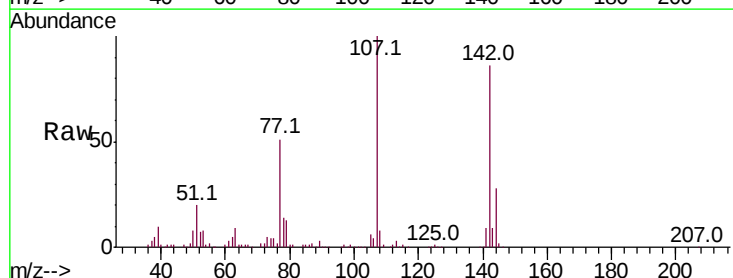
Delta R.T. -0.01 min

Lab File: BM022970.D

Acq: 04 Oct 2019 22:41

Tgt Ion:107 Resp: 390123

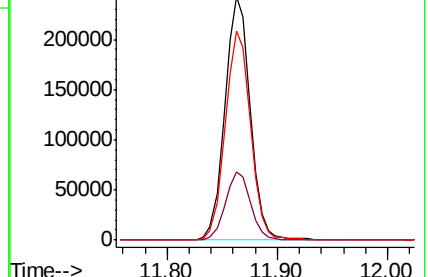
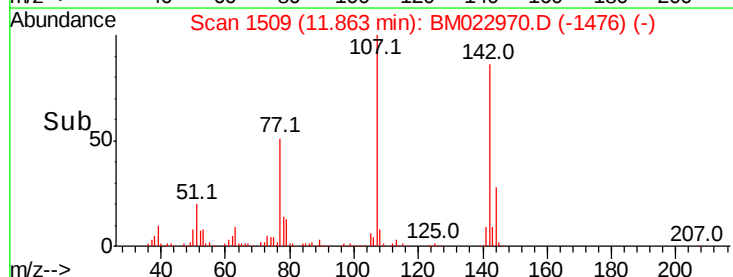
Ion	Ratio	Lower	Upper
107	100		
144	28.1	22.5	33.7
142	85.9	68.9	103.3

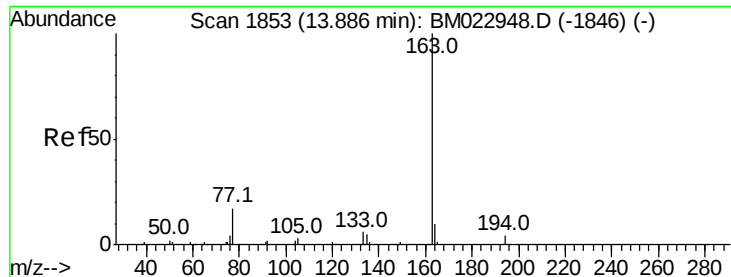


Abundance Ion 107.00 (106.70 to 107.70): BM022948.D (-1503) (-)

Ion 144.00 (143.70 to 144.70): BM022948.D (-1503) (-)

Ion 142.00 (141.70 to 142.70): BM022948.D (-1503) (-)





#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 :

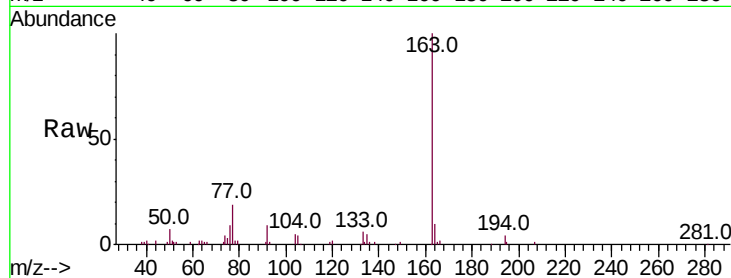
Tot Ion:163 Resp: 129066

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.4 8.1 12.1

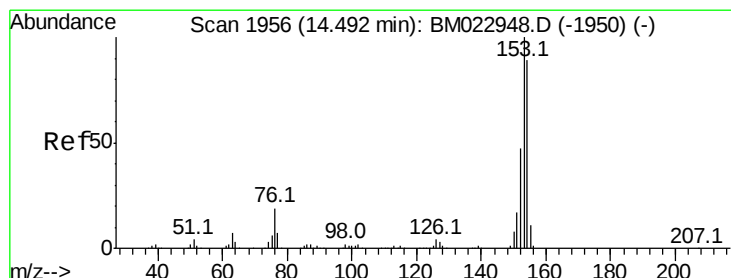
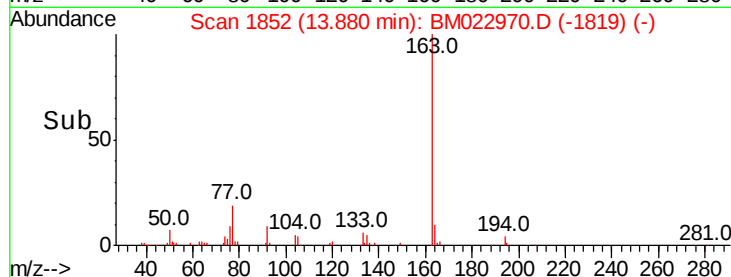
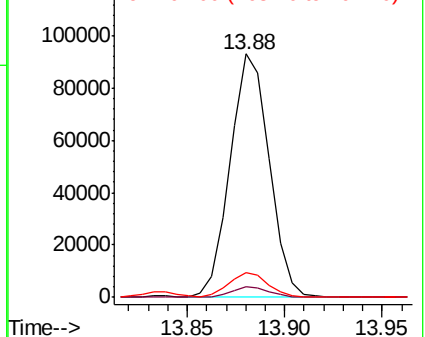


Abundance

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

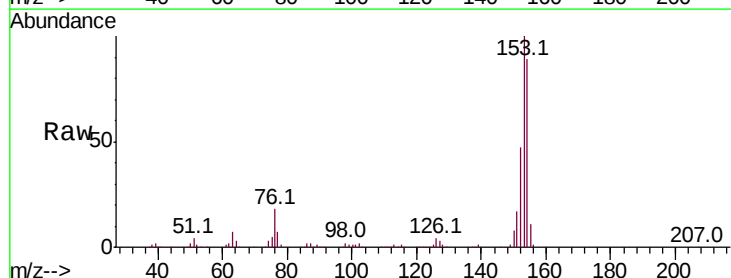
Tgt Ion:153 Resp: 1105027

Ion Ratio Lower Upper

153 100

152 47.4 38.1 57.1

154 89.2 71.1 106.7

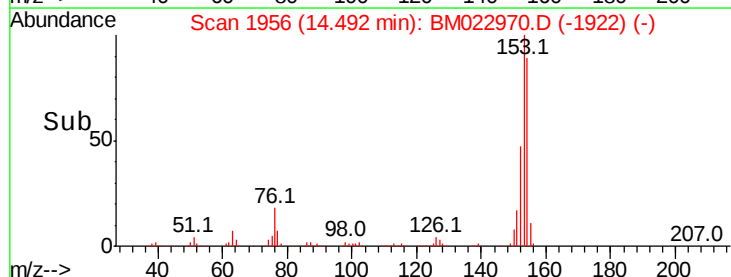
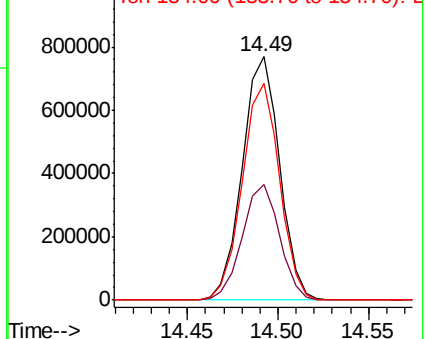


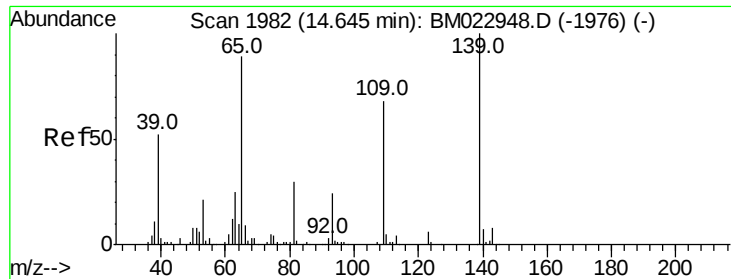
Abundance

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 :

BNA_M

ClientSampleId :

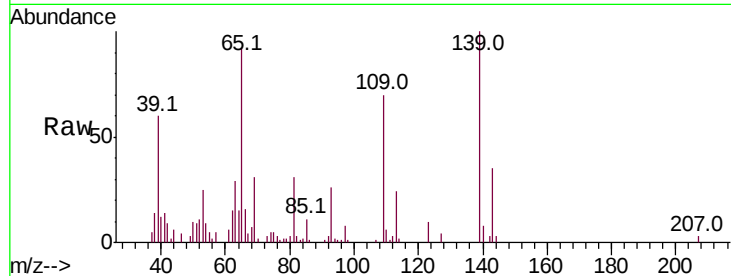
Tot Ion:109 Resp: 30816

Ion Ratio Lower Upper

109 100

139 143.4 119.5 179.3

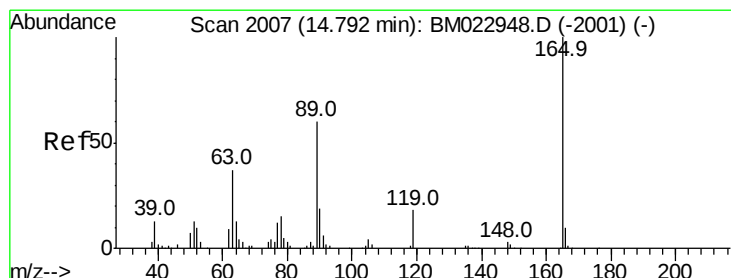
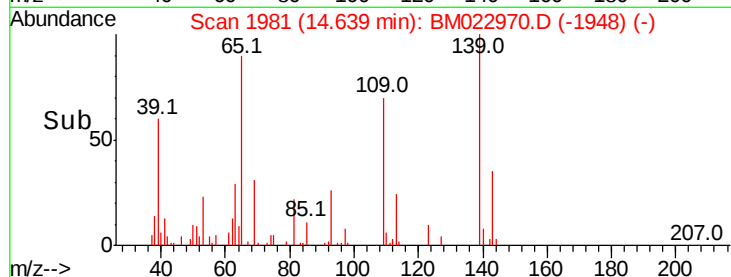
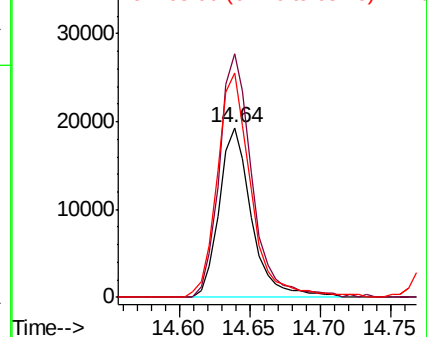
65 132.5 105.0 157.4



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

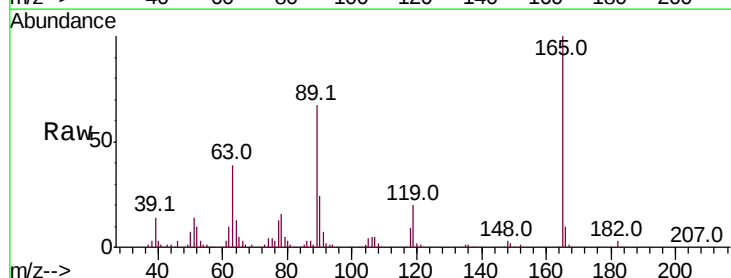
Tgt Ion:165 Resp: 349592

Ion Ratio Lower Upper

165 100

63 38.6 29.8 44.6

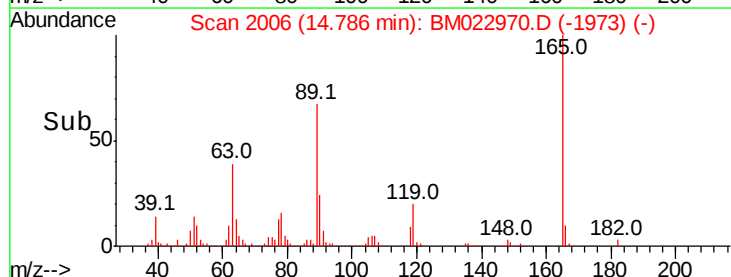
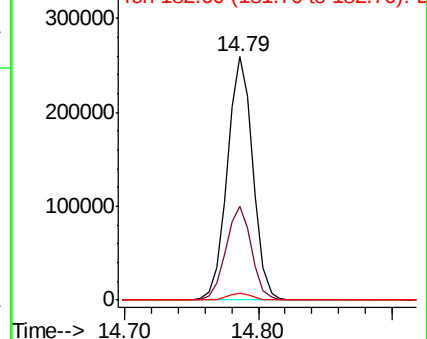
182 2.9 2.2 3.4

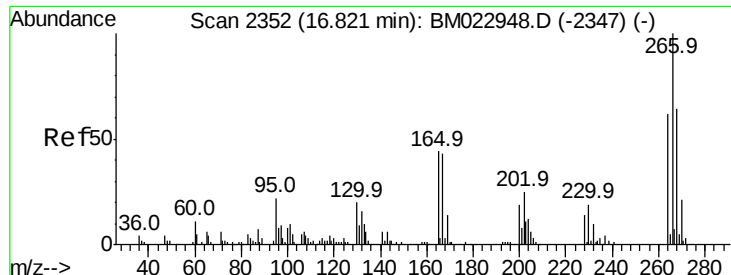


Abundance Ion 165.00 (164.70 to 165.70): E

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 :

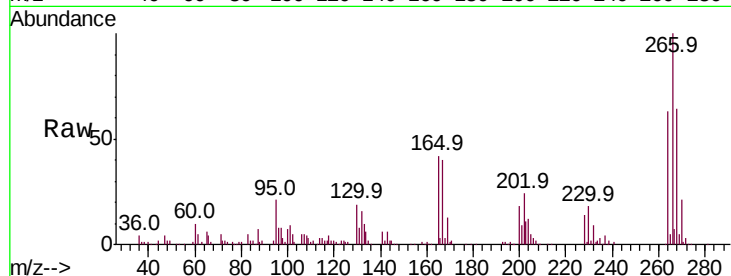
Tot Ion:266 Resp: 229922

Ion Ratio Lower Upper

266 100

264 62.7 50.8 76.2

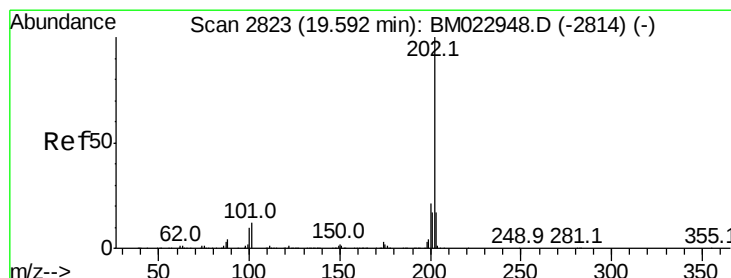
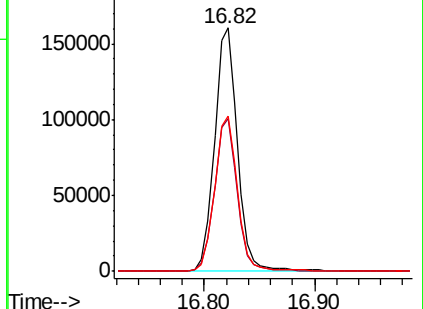
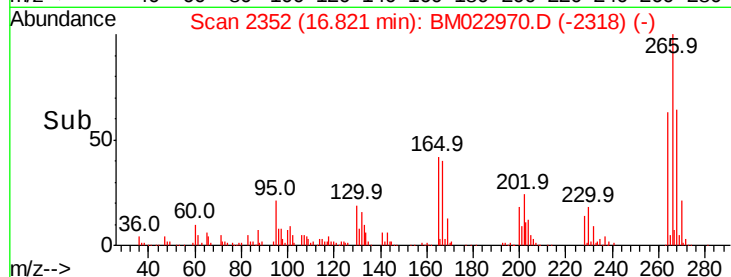
268 63.8 51.4 77.0



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

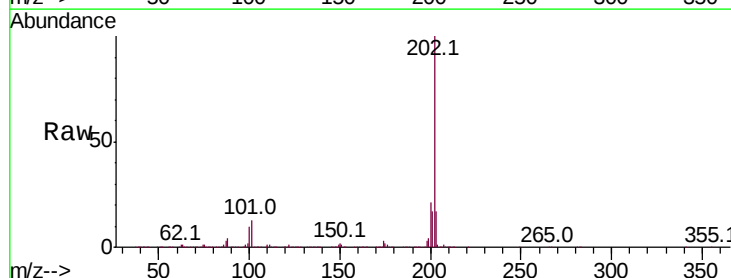
Tgt Ion:202 Resp: 1906889

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

