

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
 Data File : BM024457.D
 Acq On : 10 Jan 2020 12:37
 Operator : JU
 Sample : L1022-05MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BR3MSD

Quant Time: Jan 10 13:10:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 10 07:52:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	243388	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	894784	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	522630	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1137911	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1189952	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1459654	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	33102	5.87	ng/uL	0.00
5) Phenol-d5	6.67	99	102600	5.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	283318	25.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	328870	20.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	185282	12.14	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	198512	29.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	145223	22.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	327448	23.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	26692	1.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1263748	33.66	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1464148	30.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	34634	5.23	ng/ul	0.00
58) Fluorene-d10	15.13	176	1112210	33.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	123356	24.19	ng/ul	0.00
71) Anthracene-d10	16.98	188	1853970	34.79	ng/ul	0.00
79) Pyrene-d10	19.29	212	2233082	35.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	2619322	35.14	ng/ul	0.00

Target Compounds

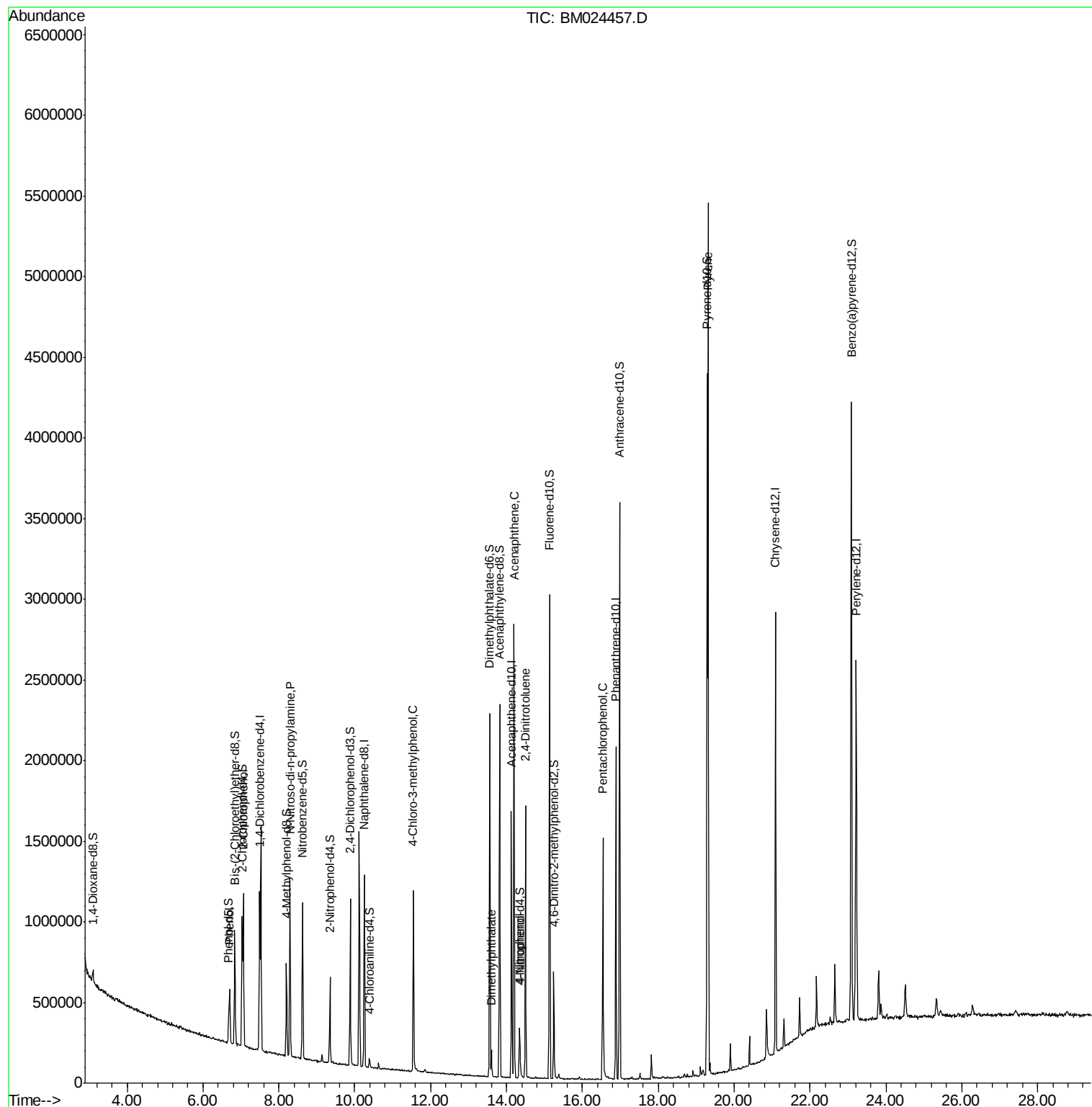
					Ovalue
6) Phenol	6.70	94	141182	7.289	ng/ul 93
10) 2-Chlorophenol	7.06	128	362607	22.643	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.29	70	325823	27.437	ng/ul 94
33) 4-Chloro-3-methylphenol	11.55	107	340806	24.136	ng/ul 98
45) Dimethylphthalate	13.60	163	87835	2.280	ng/ul 98
50) Acenaphthene	14.20	153	1030975	31.045	ng/ul 97
53) 4-Nitrophenol	14.36	109	42654	7.388	ng/ul 85
55) 2,4-Dinitrotoluene	14.50	165	390879	40.780	ng/ul 91
69) Pentachlorophenol	16.54	266	255028	31.533	ng/ul 96
80) Pyrene	19.32	202	3029488	36.820	ng/ul 96

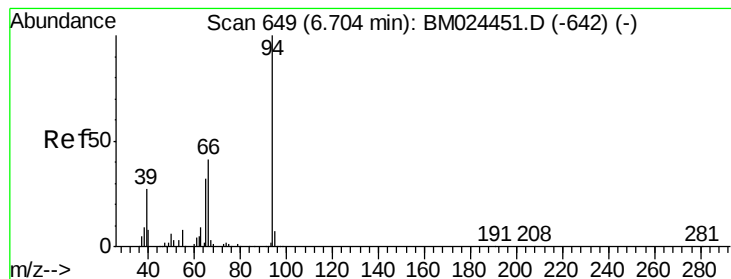
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
Data File : BM024457.D
Acq On : 10 Jan 2020 12:37
Operator : JU
Sample : L1022-05MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0BR3MSD

Quant Time: Jan 10 13:10:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 10 07:52:51 2020
Response via : Initial Calibration





#6

Phenol

Concen: 7.289 ng/ul

RT: 6.70 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM024457.D

Acq: 10 Jan 2020 12:37

Instrument :

BNA_M

ClientSampleId :

H0BR3MSD

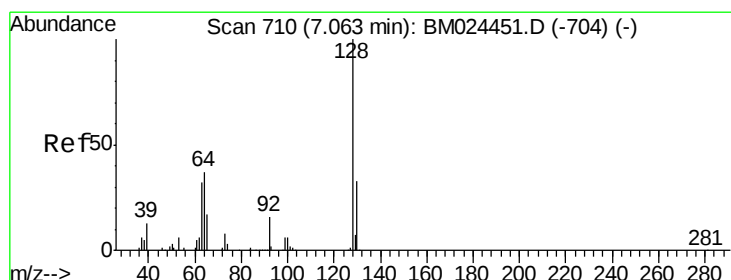
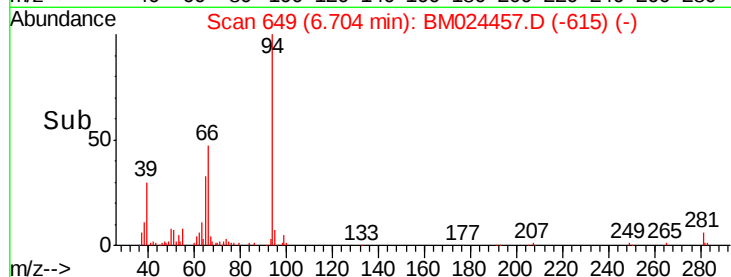
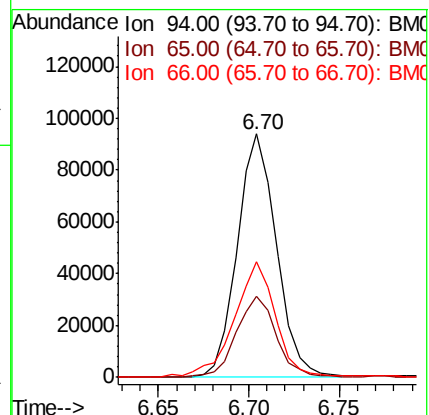
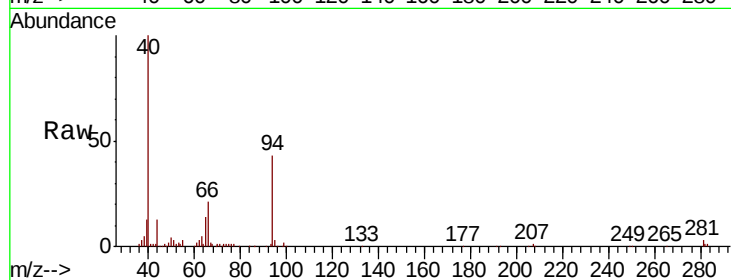
Tot Ion: 94 Resp: 141182

Ion Ratio Lower Upper

94 100

65 33.2 24.8 37.2

66 47.4 33.1 49.7



#10

2-Chlorophenol

Concen: 22.643 ng/ul

RT: 7.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM024457.D

Acq: 10 Jan 2020 12:37

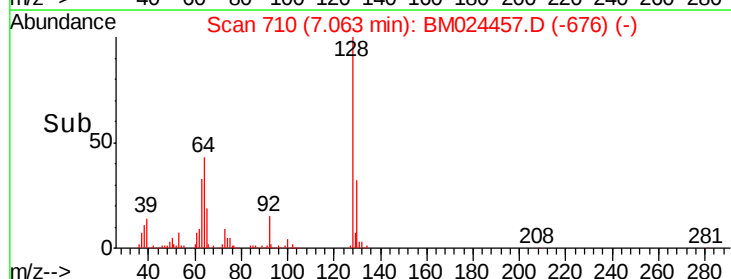
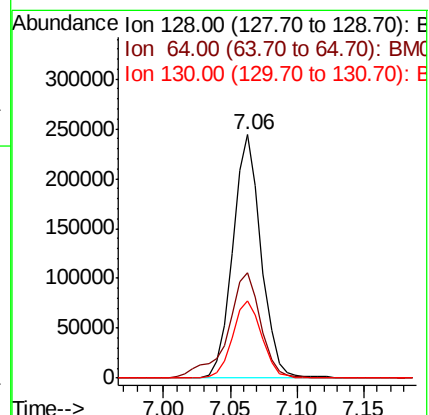
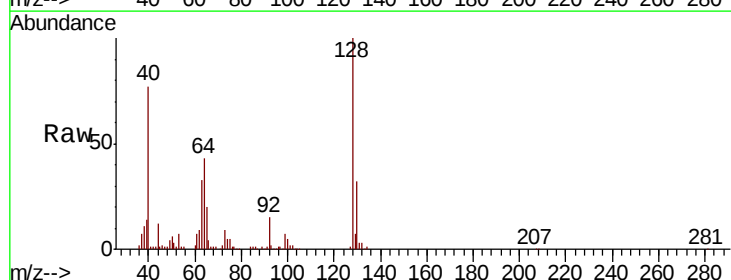
Tgt Ion: 128 Resp: 362607

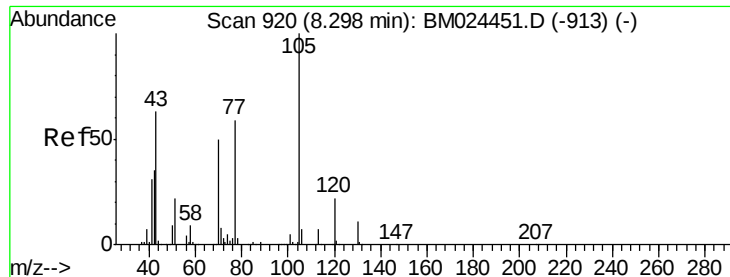
Ion Ratio Lower Upper

128 100

64 43.5 39.2 58.8

130 31.8 25.4 38.0





#15

N-Nitroso-di-n-propylamine

Concen: 27.437 ng/ul

RT: 8.29 min Scan# 919

Delta R.T. -0.01 min

Lab File: BM024457.D

Acq: 10 Jan 2020 12:37

Instrument :

BNA_M

ClientSampleId :

H0BR3MSD

Tot Ion: 70 Resp: 325823

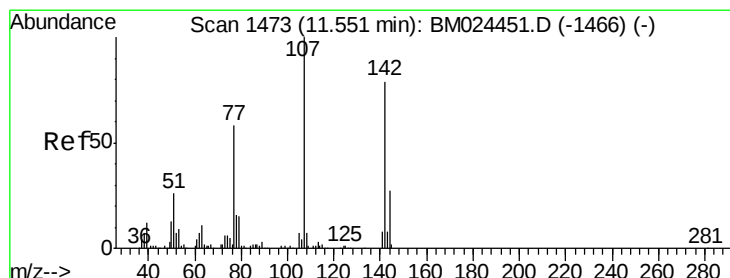
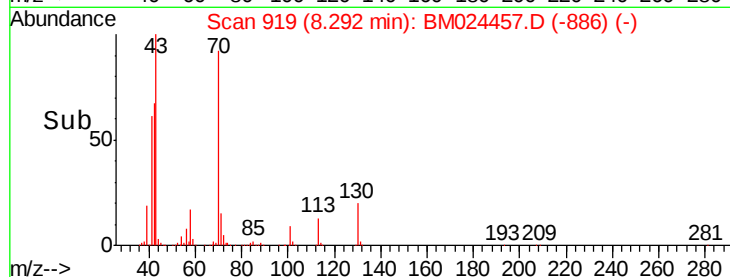
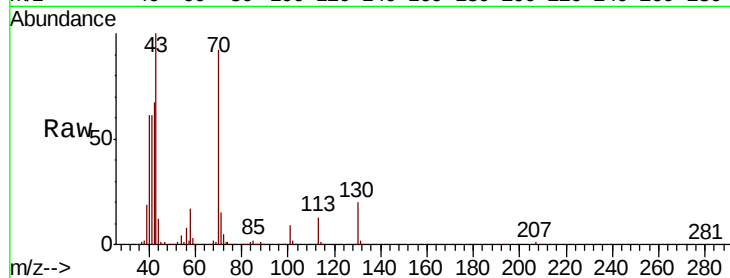
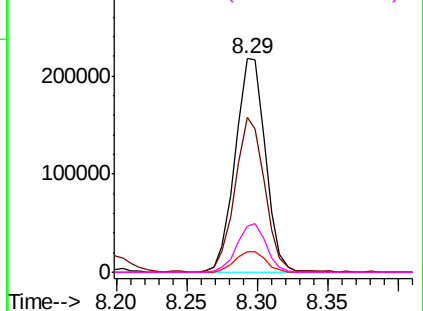
Ion	Ratio	Lower	Upper
70	100		
42	72.6	53.7	80.5
101	9.8	9.0	13.4
130	21.8	16.6	24.8

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: 24.136 ng/ul

RT: 11.55 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BM024457.D

Acq: 10 Jan 2020 12:37

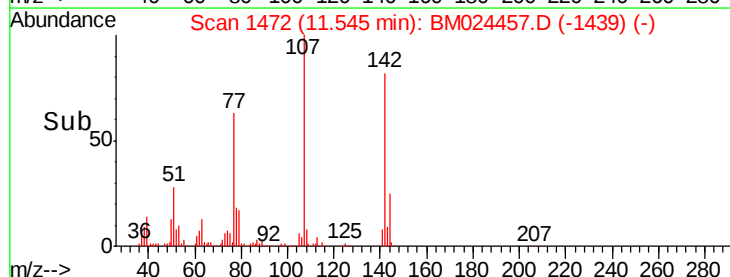
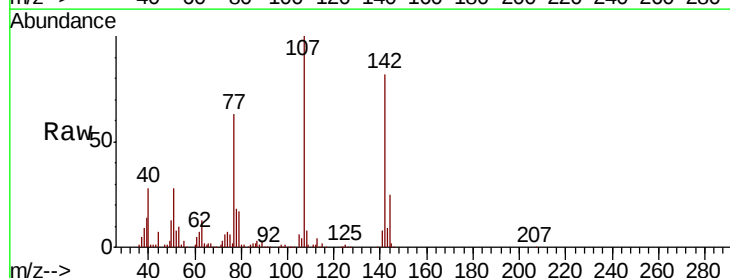
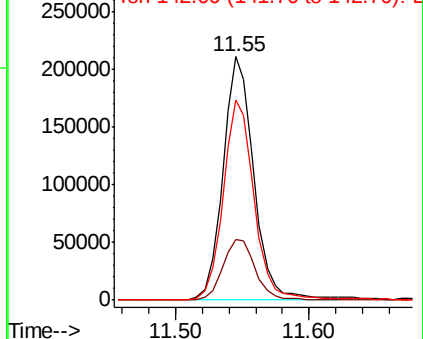
Tgt Ion:107 Resp: 340806

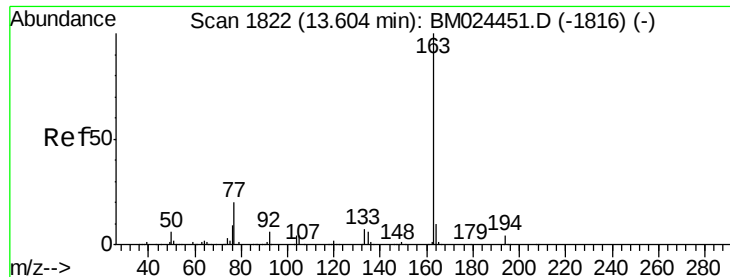
Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.8	31.2
142	82.1	64.3	96.5

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: 2.280 ng/ul

RT: 13.60 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BM024457.D

Acq: 10 Jan 2020 12:37

Instrument :

BNA_M

ClientSampleId :

H0BR3MSD

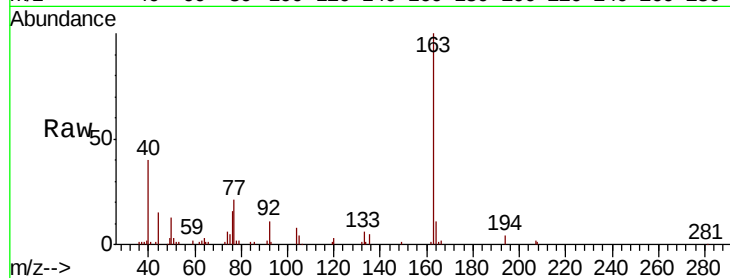
Tot Ion:163 Resp: 87835

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

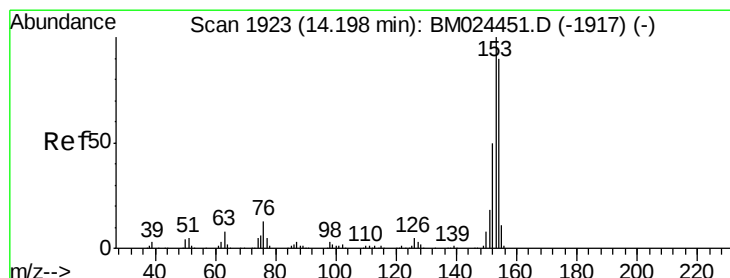
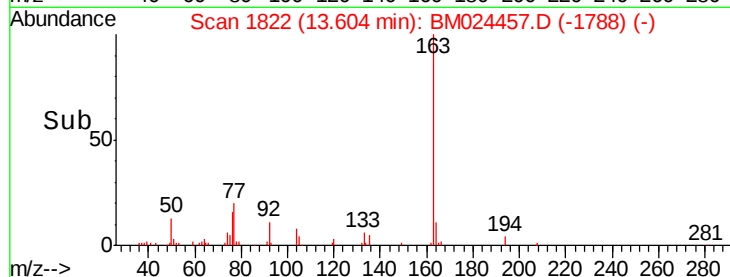
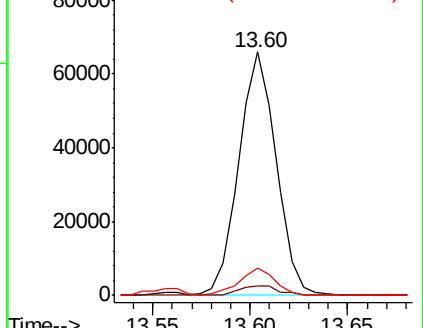
164 11.4 8.2 12.4



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: 31.045 ng/ul

RT: 14.20 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BM024457.D

Acq: 10 Jan 2020 12:37

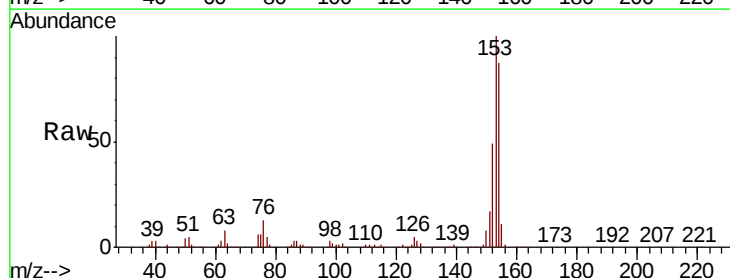
Tgt Ion:153 Resp: 1030975

Ion Ratio Lower Upper

153 100

152 48.9 37.5 56.3

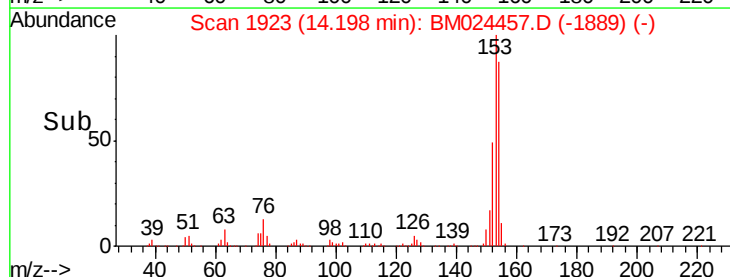
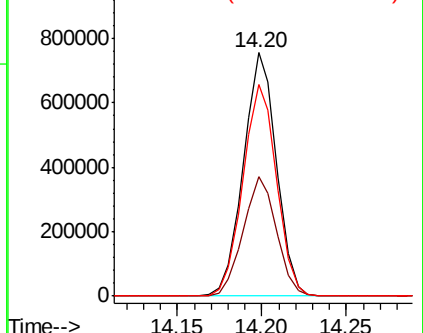
154 87.1 72.2 108.4

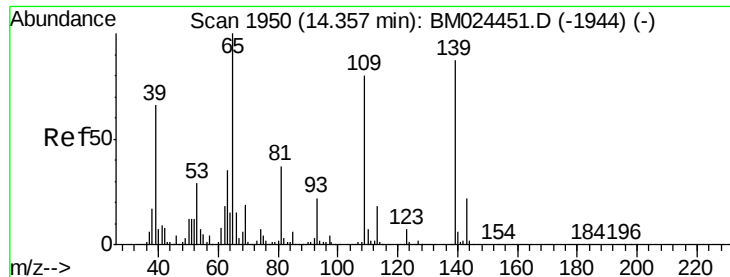


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 7.388 ng/ul

RT: 14.36 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BM024457.D

Acq: 10 Jan 2020 12:37

Instrument :

BNA_M

ClientSampleId :

H0BR3MSD

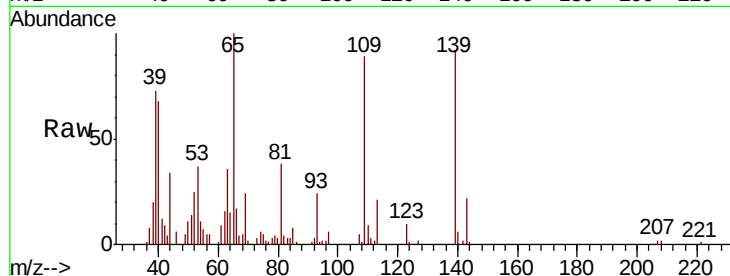
Tot Ion:109 Resp: 42654

Ion Ratio Lower Upper

109 100

139 104.0 98.3 147.5

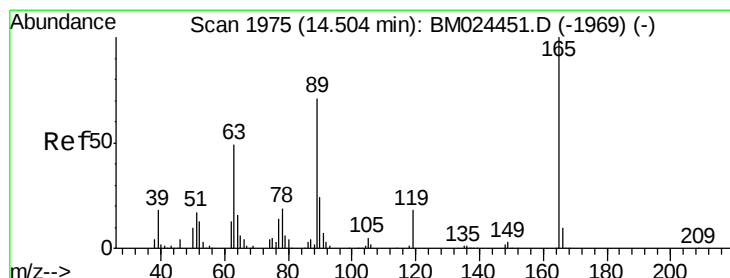
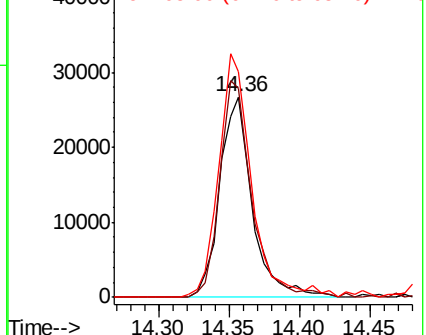
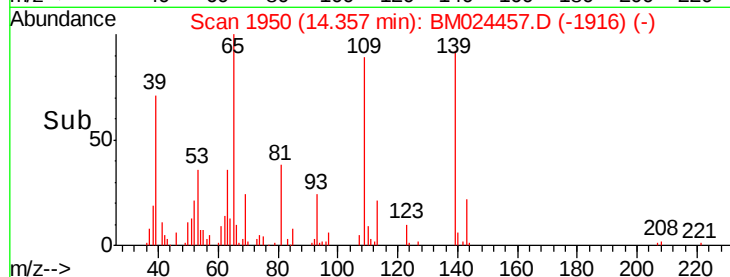
65 112.7 102.9 154.3



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: 40.780 ng/ul

RT: 14.50 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BM024457.D

Acq: 10 Jan 2020 12:37

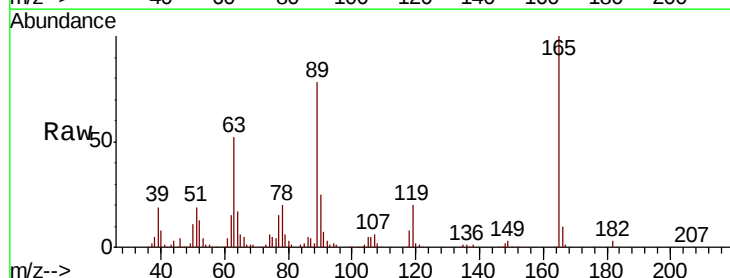
Tgt Ion:165 Resp: 390879

Ion Ratio Lower Upper

165 100

63 52.0 36.8 55.2

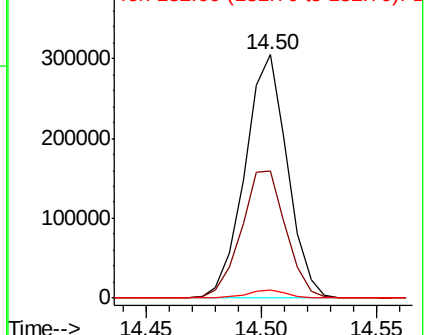
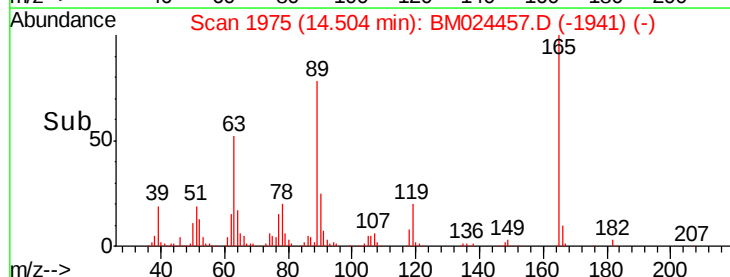
182 3.2 2.3 3.5

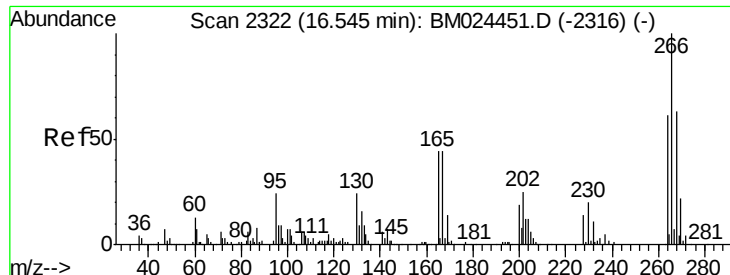


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

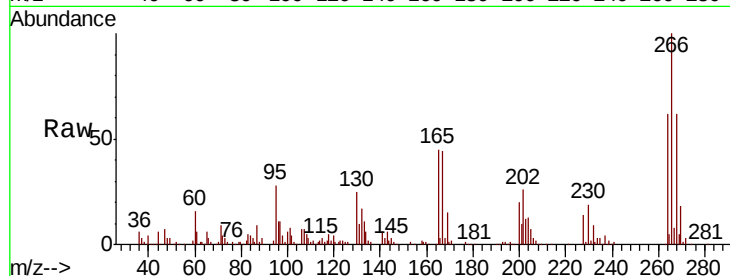




#69
 Pentachlorophenol
 Concen: 31.533 ng/ul
 RT: 16.54 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM024457.D
 Acq: 10 Jan 2020 12:37

Instrument :
 BNA_M
 ClientSampleId :
 H0BR3MSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.1	51.3	76.9
268	62.4	52.9	79.3

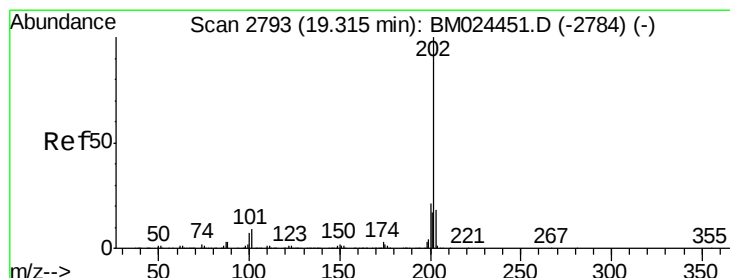
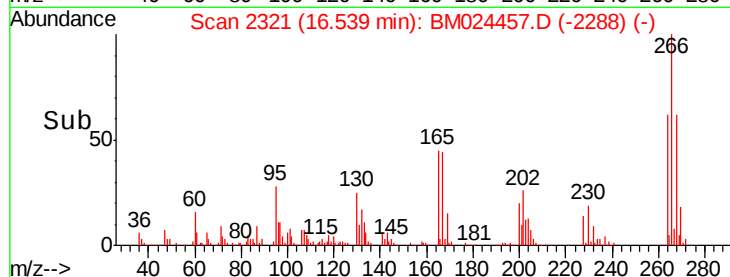
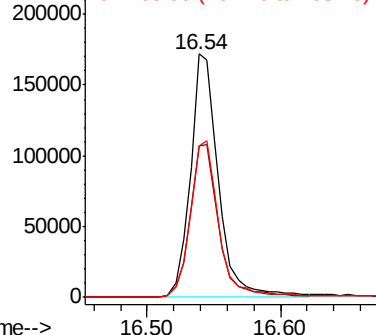


Abundance

Ion 265.70 (265.40 to 266.40): E

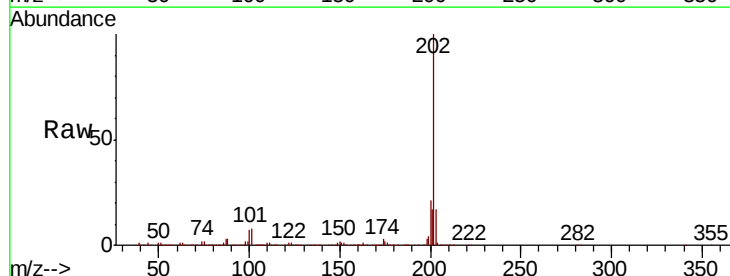
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 36.820 ng/ul
 RT: 19.32 min Scan# 2793
 Delta R.T. -0.00 min
 Lab File: BM024457.D
 Acq: 10 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	7.8	11.8
100	6.9	6.3	9.5



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

