

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
 Data File : BM024440.D
 Acq On : 10 Jan 2020 00:27
 Operator : JU
 Sample : K6466-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BP0MSD

Quant Time: Jan 10 07:39:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 10 06:51:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	223195	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	879068	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	524764	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1125489	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1115338	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1333919	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	39496	7.64	ng/uL	0.00
5) Phenol-d5	6.68	99	143825	8.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	404833	39.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	462713	31.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	275510	19.68	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	294383	44.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	249341	39.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	505946	36.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	37387	2.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1875964	49.77	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	2211729	45.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	54458	8.19	ng/ul	0.00
58) Fluorene-d10	15.14	176	1632303	48.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	181014	35.90	ng/ul	0.00
71) Anthracene-d10	16.99	188	2525086	47.90	ng/ul	0.00
79) Pyrene-d10	19.29	212	3008771	50.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	3447471	50.62	ng/ul	0.00

Target Compounds

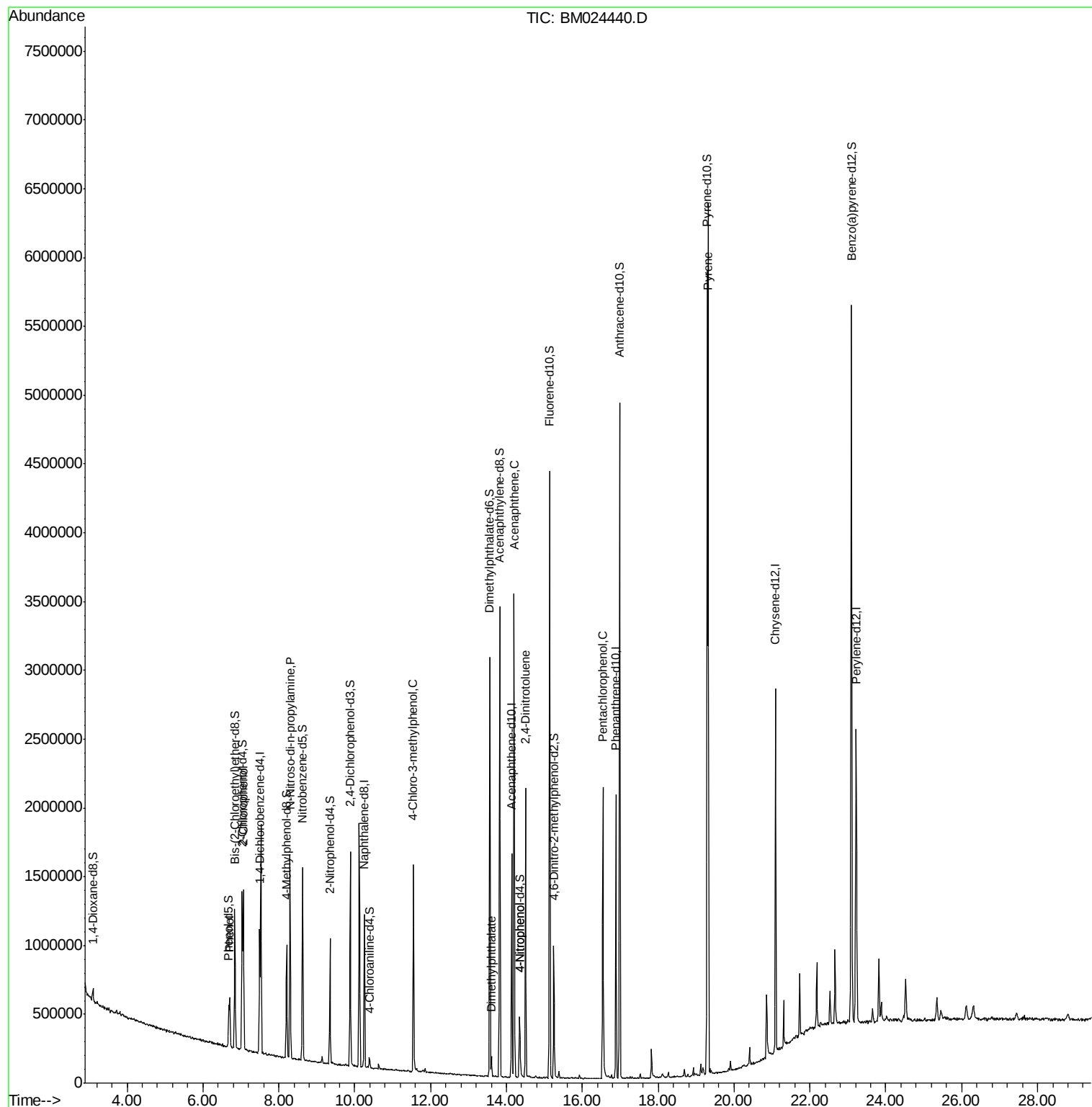
					Ovalue
6) Phenol	6.70	94	165355	9.309	ng/ul 97
10) 2-Chlorophenol	7.06	128	452376	30.804	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.30	70	452282	41.531	ng/ul 99
33) 4-Chloro-3-methylphenol	11.55	107	484992	34.961	ng/ul 96
45) Dimethylphthalate	13.60	163	79937	2.067	ng/ul# 96
50) Acenaphthene	14.20	153	1392880	41.773	ng/ul 99
53) 4-Nitrophenol	14.36	109	55888	9.641	ng/ul 88
55) 2,4-Dinitrotoluene	14.50	165	503374	52.303	ng/ul 95
69) Pentachlorophenol	16.54	266	363766	45.474	ng/ul 99
80) Pyrene	19.32	202	3623840	46.990	ng/ul 99

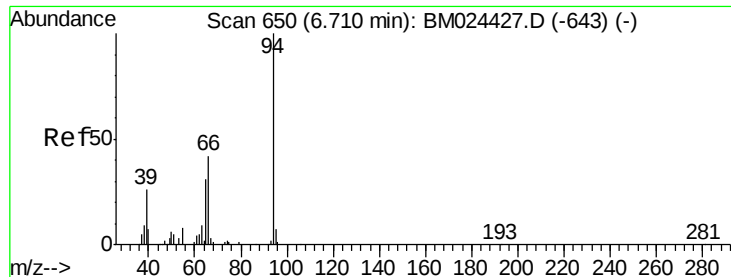
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 9.309 ng/ul

RT: 6.70 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM024440.D

Acq: 10 Jan 2020 00:27

Instrument :

BNA_M

ClientSampleId :

H0BP0MSD

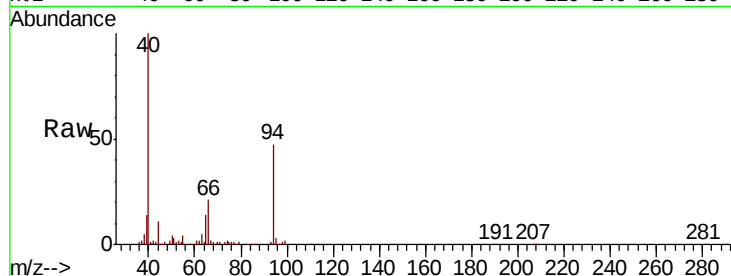
Tot Ion: 94 Resp: 165355

Ion Ratio Lower Upper

94 100

65 29.9 24.8 37.2

66 44.1 33.1 49.7



Abundance Ion 94.00 (93.70 to 94.70): BM024427.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM024427.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM024427.D (-643) (-)

6.70

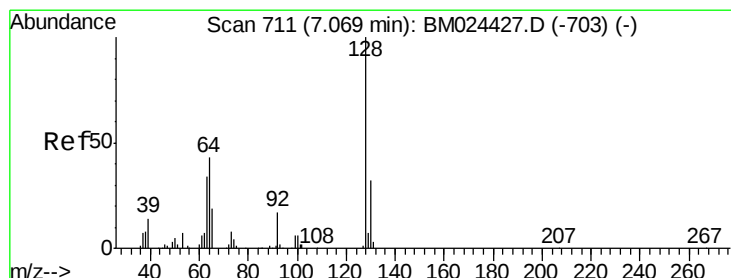
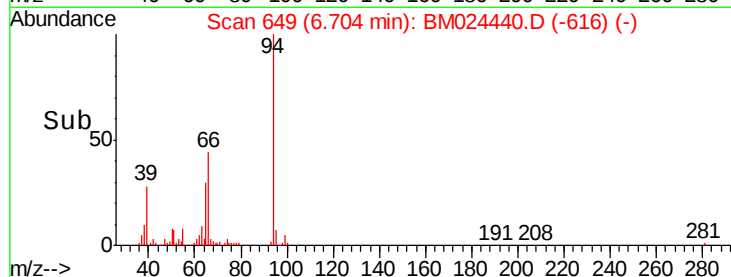
100000

50000

0

6.65 6.70 6.75

Time-->



#10

2-Chlorophenol

Concen: 30.804 ng/ul

RT: 7.06 min Scan# 710

Delta R.T. -0.01 min

Lab File: BM024440.D

Acq: 10 Jan 2020 00:27

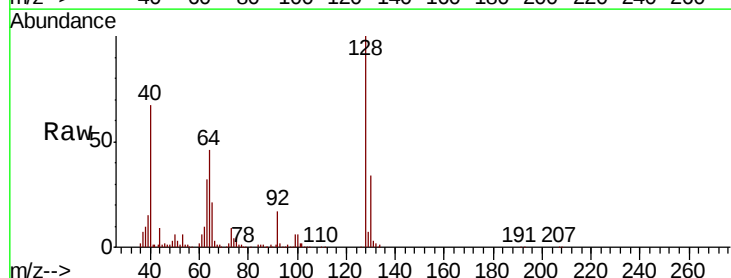
Tgt Ion: 128 Resp: 452376

Ion Ratio Lower Upper

128 100

64 45.7 39.2 58.8

130 33.8 25.4 38.0



Abundance Ion 128.00 (127.70 to 128.70): BM024427.D (-703) (-)

Ion 64.00 (63.70 to 64.70): BM024427.D (-703) (-)

Ion 130.00 (129.70 to 130.70): BM024427.D (-703) (-)

7.06

400000

300000

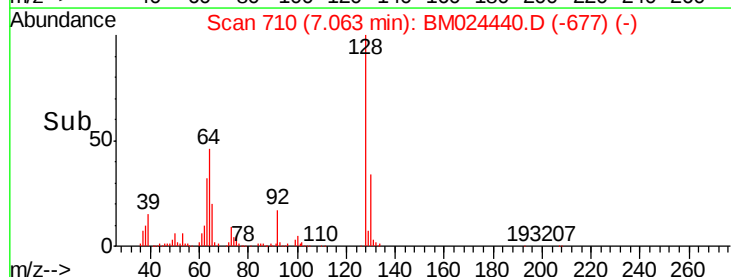
200000

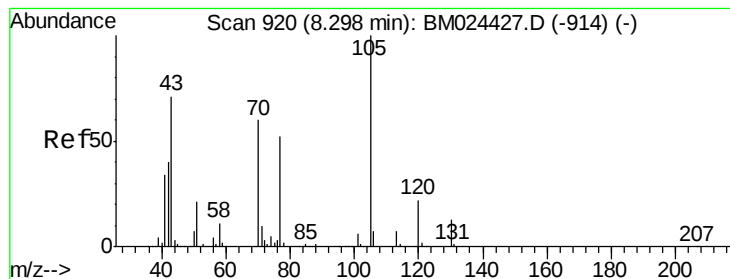
100000

0

7.00 7.05 7.10 7.15

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 41.531 ng/ul

RT: 8.30 min Scan# 920

Delta R.T. 0.00 min

Lab File: BM024440.D

Acq: 10 Jan 2020 00:27

Instrument :

BNA_M

ClientSampleId :

H0BP0MSD

Tot Ion: 70 Resp: 452282

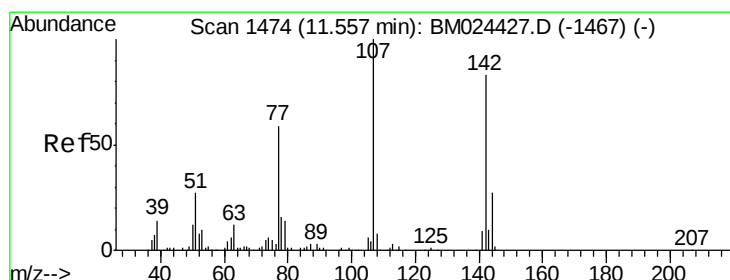
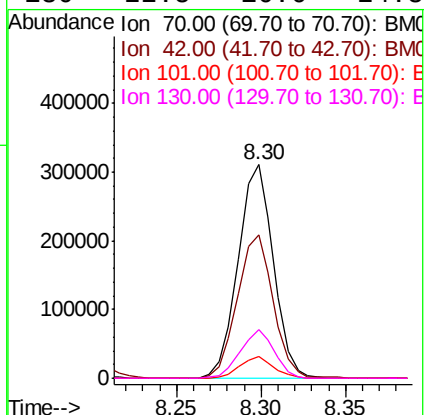
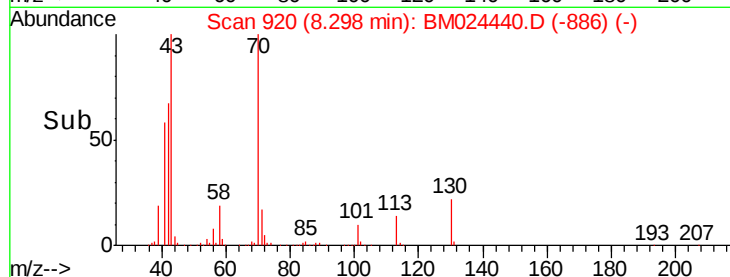
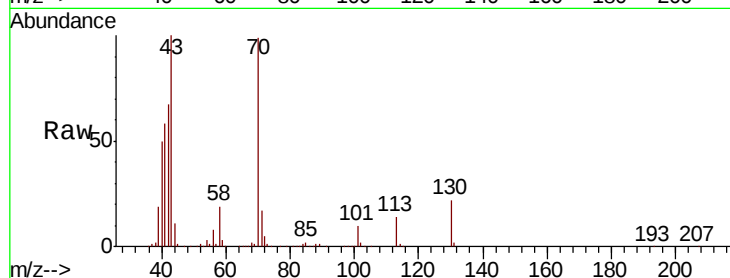
Ion Ratio Lower Upper

70 100

42 67.0 53.7 80.5

101 10.2 9.0 13.4

130 22.5 16.6 24.8



#33

4-Chloro-3-methylphenol

Concen: 34.961 ng/ul

RT: 11.55 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BM024440.D

Acq: 10 Jan 2020 00:27

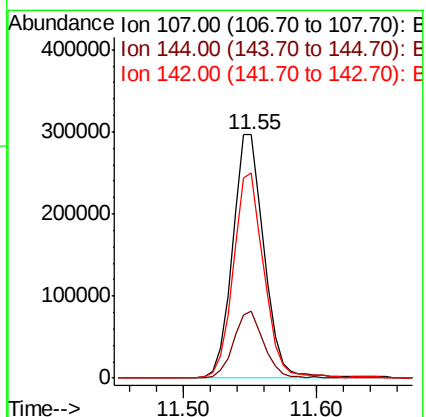
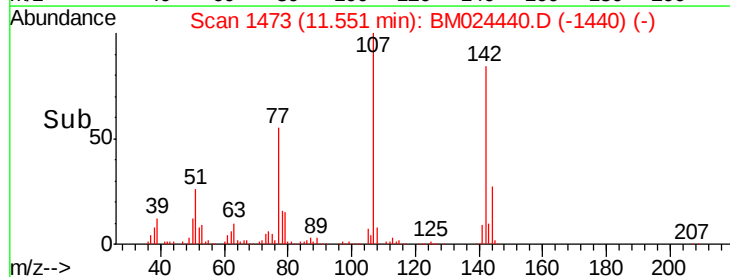
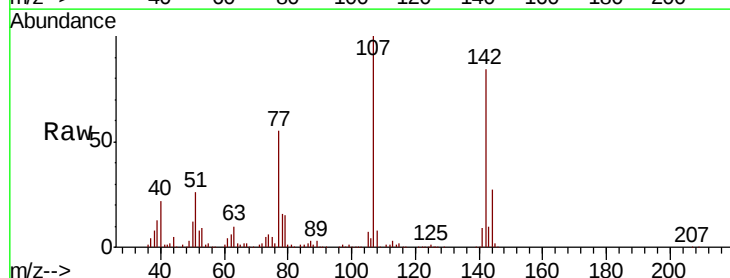
Tgt Ion: 107 Resp: 484992

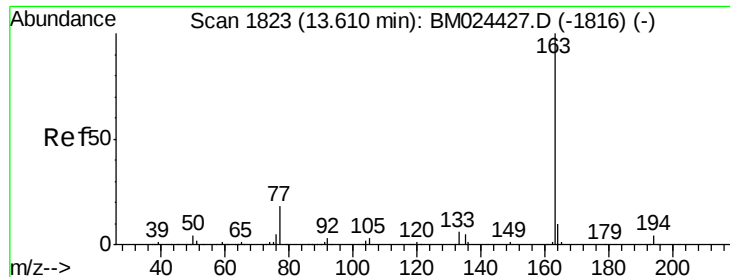
Ion Ratio Lower Upper

107 100

144 27.3 20.8 31.2

142 84.1 64.3 96.5

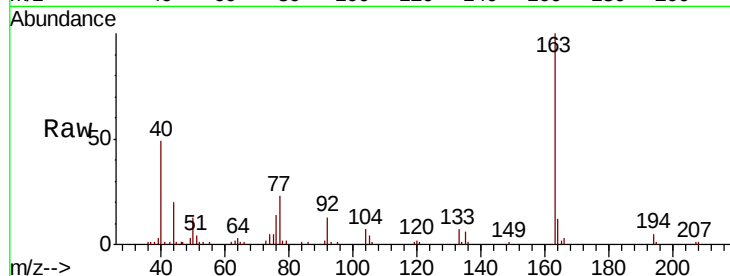




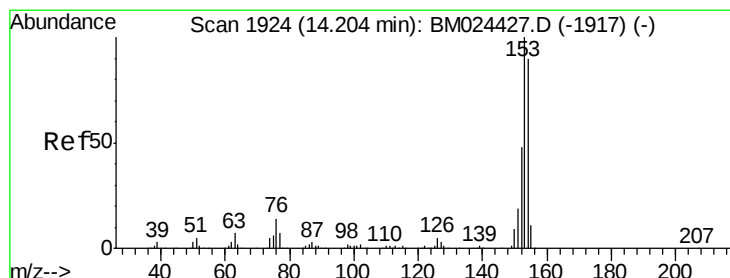
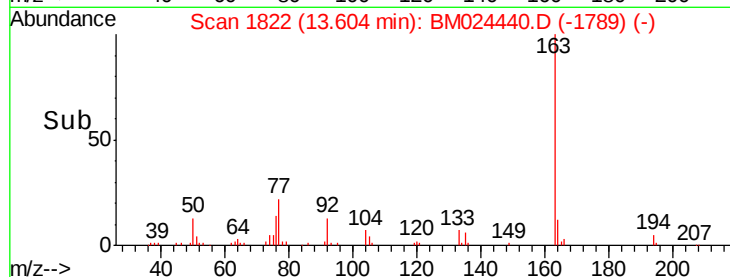
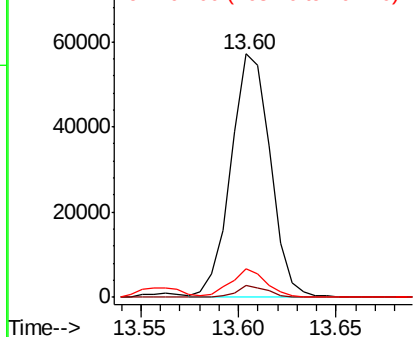
#45
Dimethylphthalate
Concen: 2.067 ng/ul
RT: 13.60 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BM024440.D
Acq: 10 Jan 2020 00:27

Instrument :
BNA_M
ClientSampleId :
H0BP0MSD

Tot Ion:163 Resp: 79937
Ion Ratio Lower Upper
163 100
194 5.0 3.2 4.8#
164 11.7 8.2 12.4

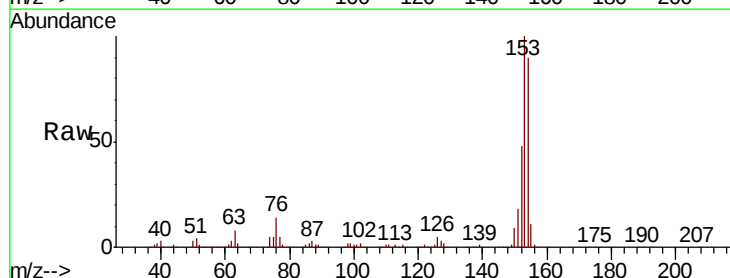


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

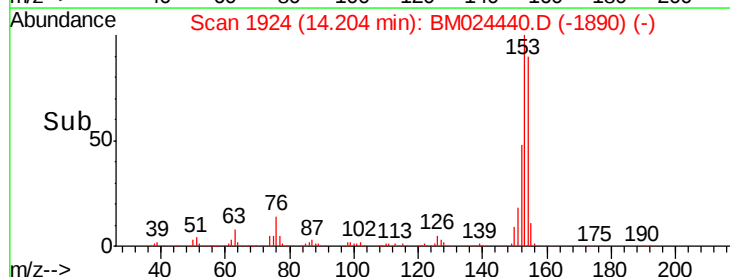
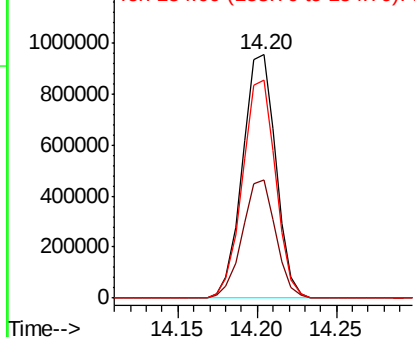


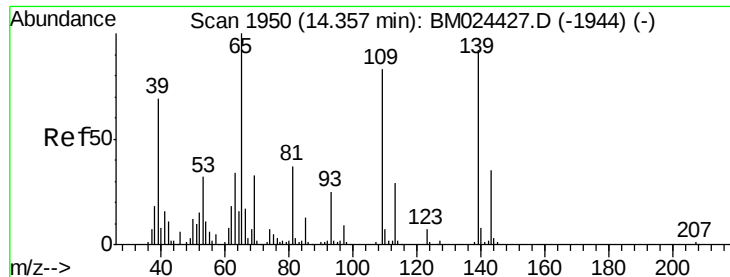
#50
Acenaphthene
Concen: 41.773 ng/ul
RT: 14.20 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BM024440.D
Acq: 10 Jan 2020 00:27

Tgt Ion:153 Resp: 1392880
Ion Ratio Lower Upper
153 100
152 48.3 37.5 56.3
154 89.7 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: 9.641 ng/ul

RT: 14.36 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BM024440.D

Acq: 10 Jan 2020 00:27

Instrument :

BNA_M

ClientSampled :

H0BP0MSD

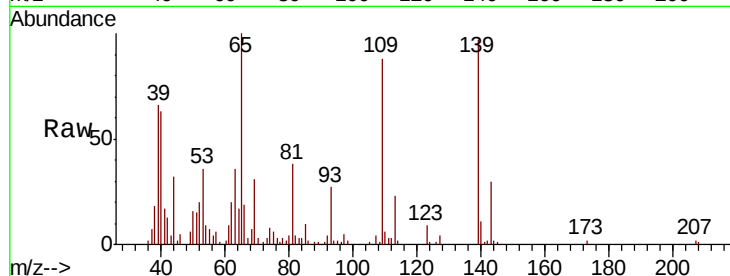
Tot Ion:109 Resp: 55888

Ion Ratio Lower Upper

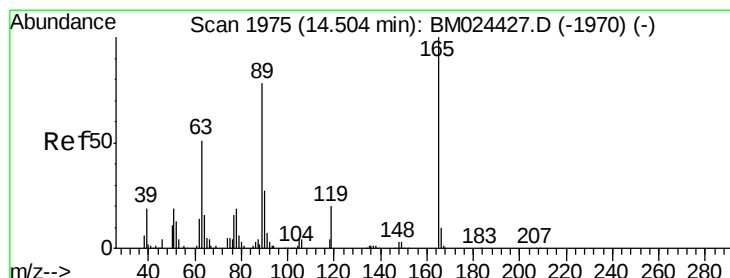
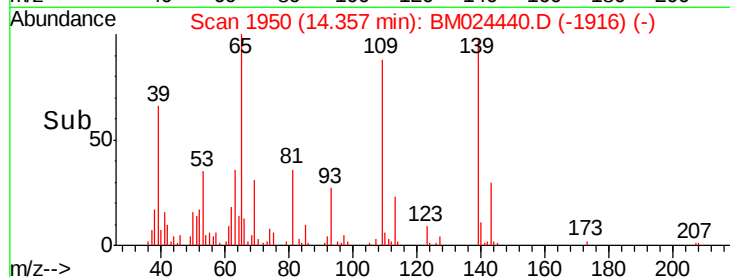
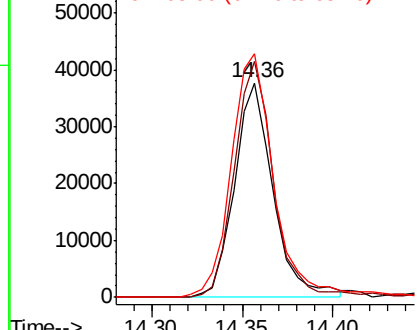
109 100

139 110.2 98.3 147.5

65 113.7 102.9 154.3



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: 52.303 ng/ul

RT: 14.50 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BM024440.D

Acq: 10 Jan 2020 00:27

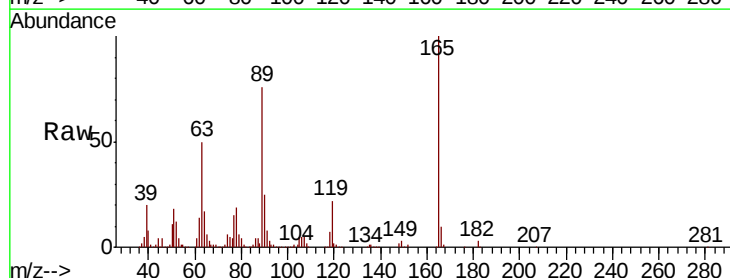
Tgt Ion:165 Resp: 503374

Ion Ratio Lower Upper

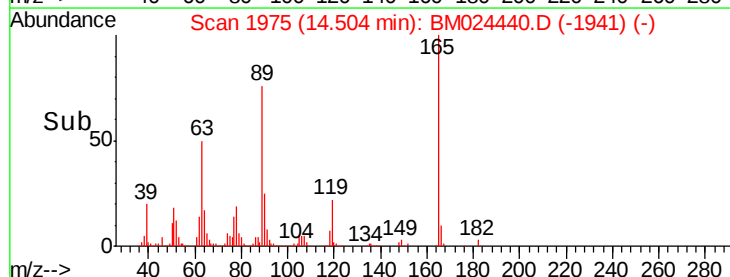
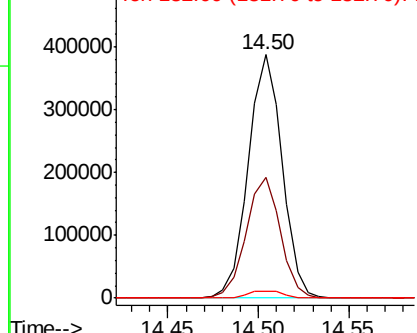
165 100

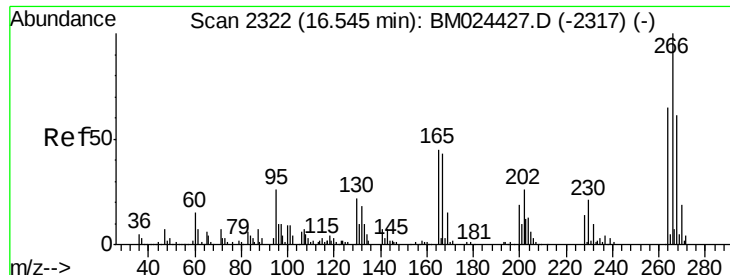
63 49.7 36.8 55.2

182 2.9 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: 45.474 ng/ul

RT: 16.54 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BM024440.D

Acq: 10 Jan 2020 00:27

Instrument :

BNA_M

ClientSampleId :

H0BP0MSD

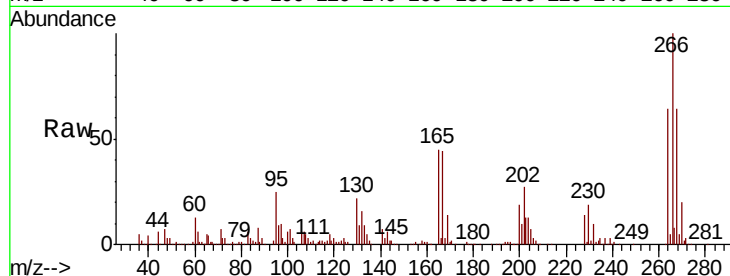
Tot Ion:266 Resp: 363766

Ion Ratio Lower Upper

266 100

264 64.0 51.3 76.9

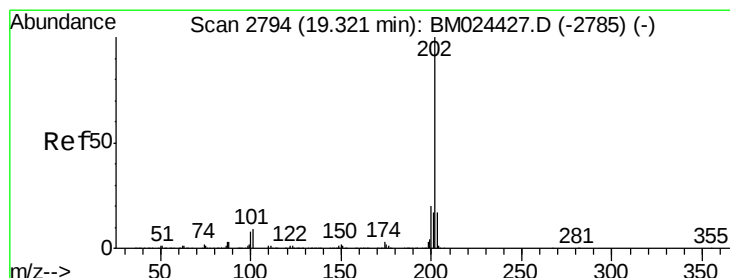
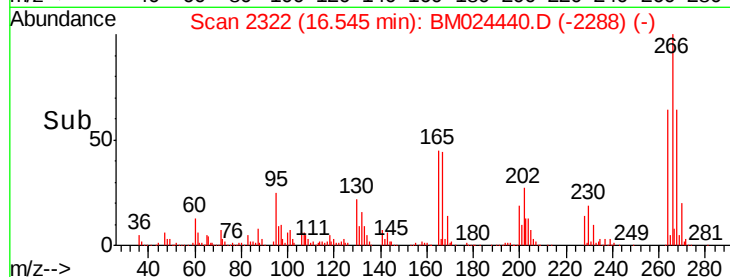
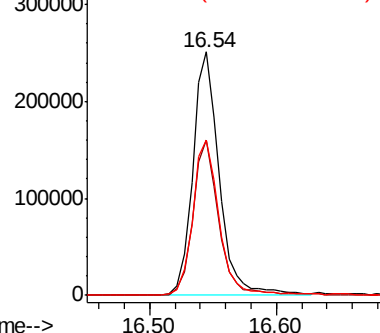
268 64.0 52.9 79.3



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: 46.990 ng/ul

RT: 19.32 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM024440.D

Acq: 10 Jan 2020 00:27

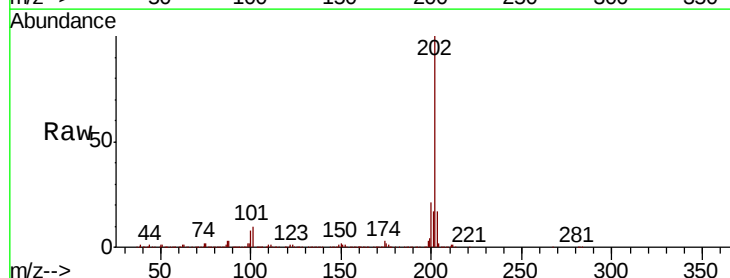
Tgt Ion:202 Resp: 3623840

Ion Ratio Lower Upper

202 100

101 9.6 7.8 11.8

100 8.2 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

