

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
 Data File : BM024439.D
 Acq On : 09 Jan 2020 23:52
 Operator : JU
 Sample : K6466-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BPOMS

Quant Time: Jan 10 07:37:27 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	308722	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1181639	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	683414	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1437490	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1429497	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	1728171	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	40891	5.72	ng/uL	0.00
5) Phenol-d5	6.68	99	147268	6.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	422916	29.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	478461	23.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	279739	14.45	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	298256	33.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	253943	29.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	515774	27.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	35355	1.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1799221	36.65	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	2163220	34.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	50912	5.88	ng/ul	0.00
58) Fluorene-d10	15.14	176	1561273	35.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	174378	27.07	ng/ul	0.00
71) Anthracene-d10	16.99	188	2392443	35.54	ng/ul	0.00
79) Pyrene-d10	19.29	212	2833330	37.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	3276492	37.13	ng/ul	0.00

Target Compounds

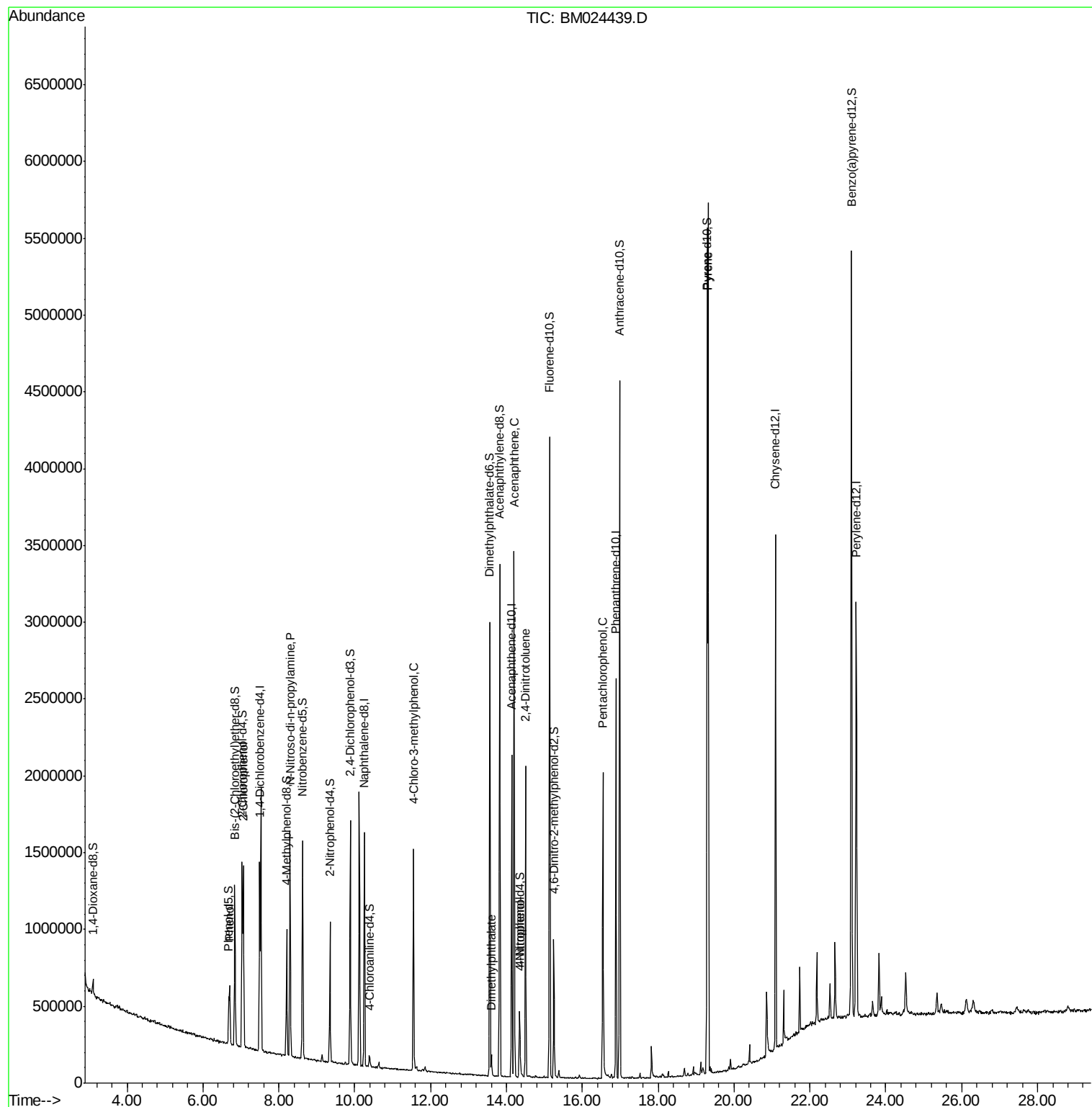
					Ovalue
6) Phenol	6.70	94	167279	6.809	ng/ul 96
10) 2-Chlorophenol	7.06	128	470489	23.162	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.30	70	449419	29.835	ng/ul 98
33) 4-Chloro-3-methylphenol	11.55	107	468139	25.105	ng/ul 98
45) Dimethylphthalate	13.60	163	74503	1.479	ng/ul 99
50) Acenaphthene	14.20	153	1347676	31.034	ng/ul 99
53) 4-Nitrophenol	14.36	109	56775	7.520	ng/ul 87
55) 2,4-Dinitrotoluene	14.50	165	476856	38.045	ng/ul 95
69) Pentachlorophenol	16.55	266	331843	32.480	ng/ul 100
80) Pyrene	19.32	202	3370993	34.105	ng/ul 98

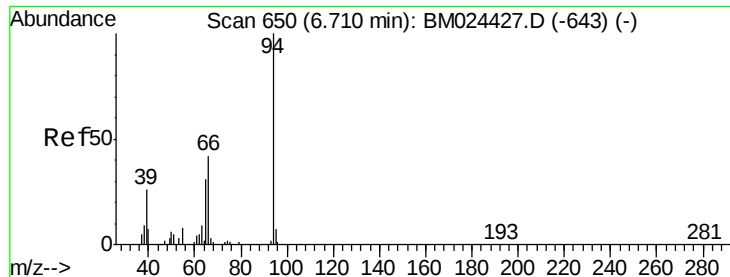
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 6.809 ng/ul

RT: 6.70 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM024439.D

Acq: 09 Jan 2020 23:52

Instrument :

BNA_M

ClientSampleId :

H0BP0MS

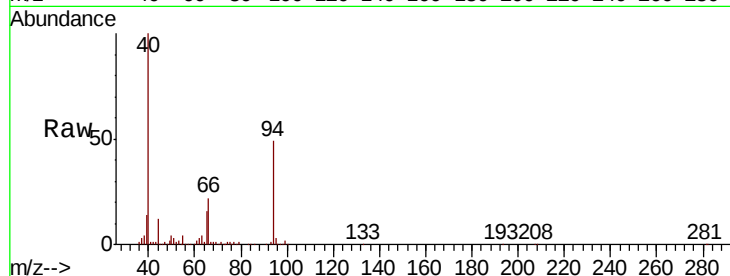
Tot Ion: 94 Resp: 167279

Ion Ratio Lower Upper

94 100

65 32.0 24.8 37.2

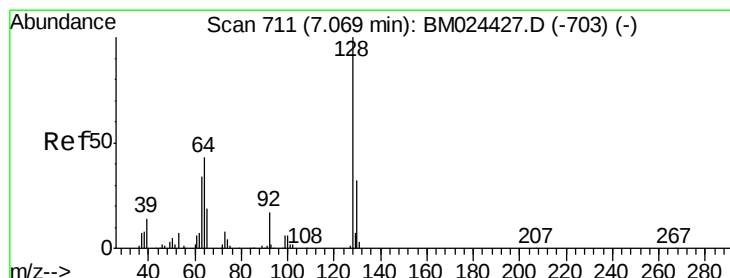
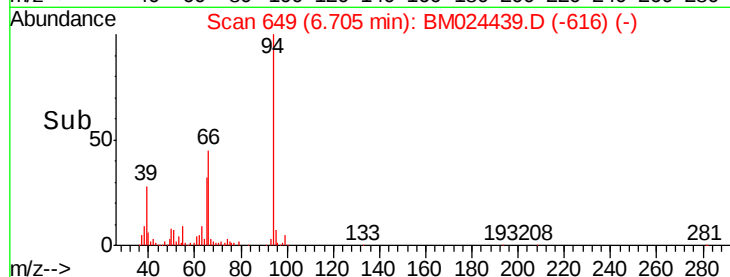
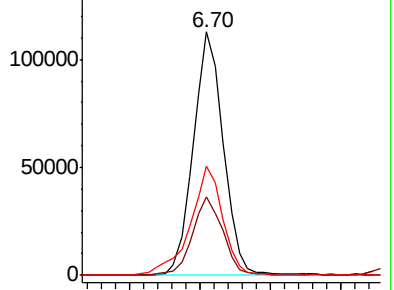
66 44.9 33.1 49.7



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) (-)



#10

2-Chlorophenol

Concen: 23.162 ng/ul

RT: 7.06 min Scan# 710

Delta R.T. -0.01 min

Lab File: BM024439.D

Acq: 09 Jan 2020 23:52

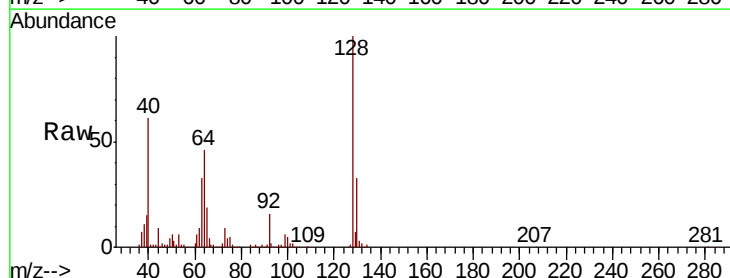
Tgt Ion: 128 Resp: 470489

Ion Ratio Lower Upper

128 100

64 45.9 39.2 58.8

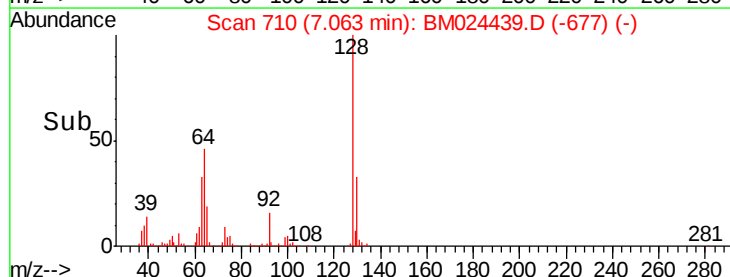
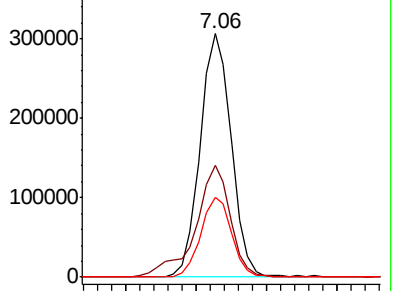
130 32.6 25.4 38.0

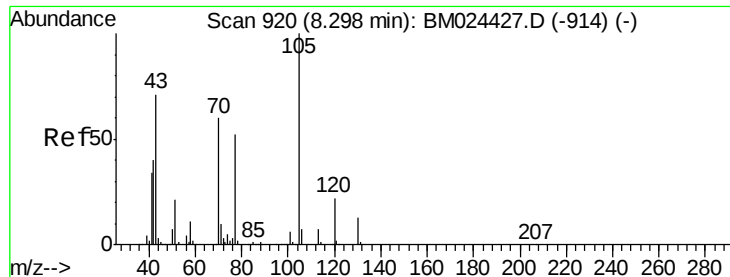


Abundance Ion 128.00 (127.70 to 128.70): BM024427.D (-703) (-)

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

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

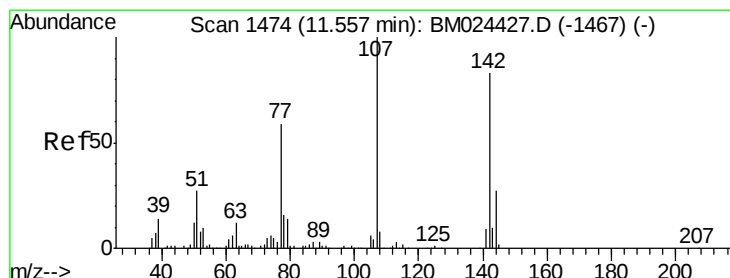
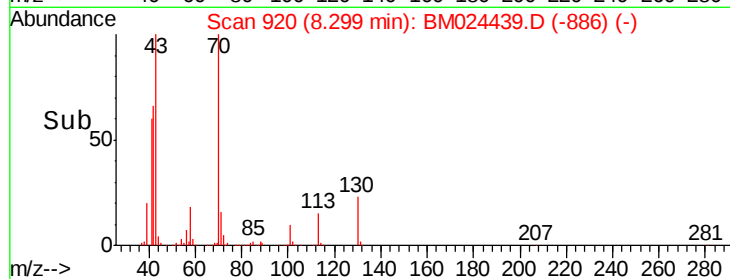
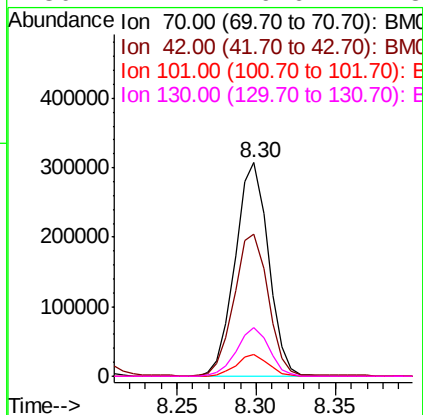
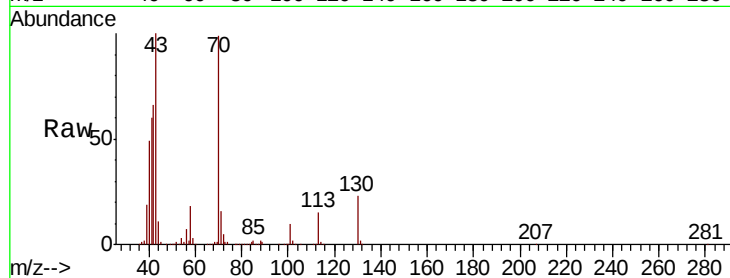




#15
N-Nitroso-di-n-propylamine
Concen: 29.835 ng/ul
RT: 8.30 min Scan# 920
Delta R.T. 0.00 min
Lab File: BM024439.D
Acq: 09 Jan 2020 23:52

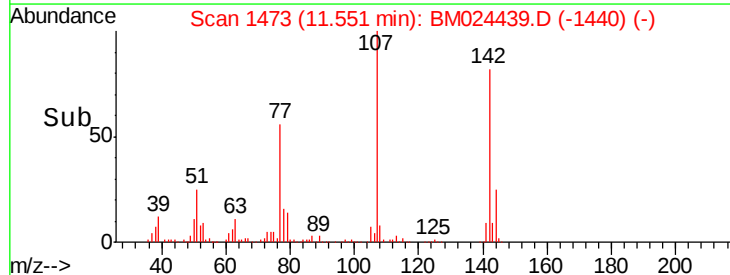
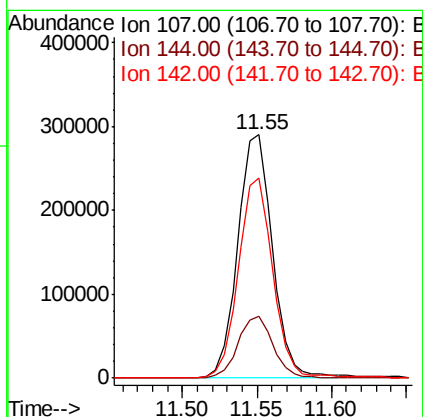
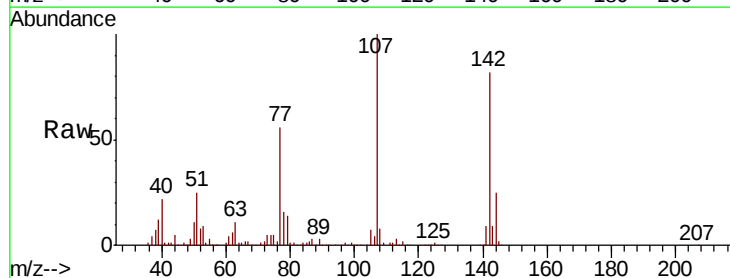
Instrument :
BNA_M
ClientSampleId :
H0BP0MS

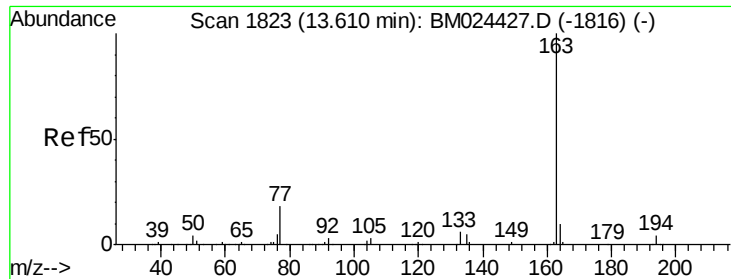
Tot Ion: 70 Resp: 449419
Ion Ratio Lower Upper
70 100
42 66.5 53.7 80.5
101 10.4 9.0 13.4
130 22.7 16.6 24.8



#33
4-Chloro-3-methylphenol
Concen: 25.105 ng/ul
RT: 11.55 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BM024439.D
Acq: 09 Jan 2020 23:52

Tgt Ion:107 Resp: 468139
Ion Ratio Lower Upper
107 100
144 25.4 20.8 31.2
142 82.0 64.3 96.5

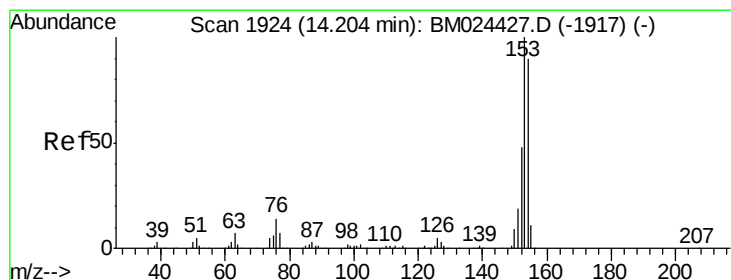
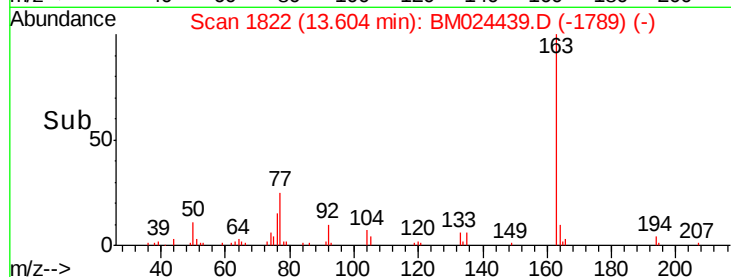
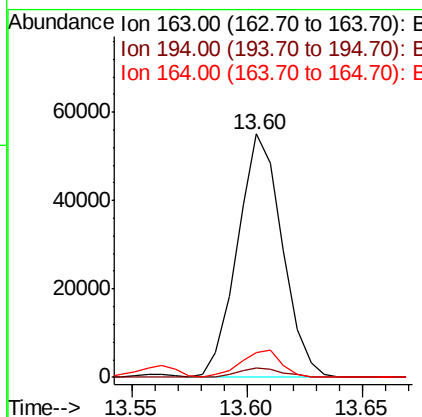
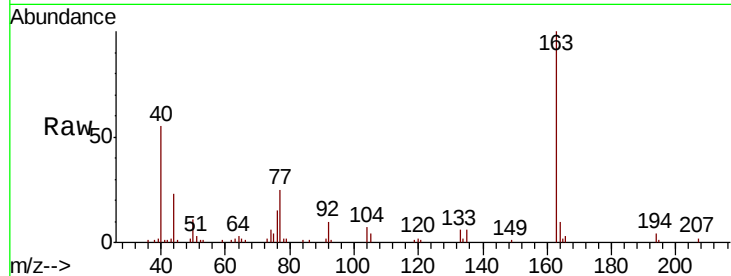




#45
Dimethylphthalate
Concen: 1.479 ng/ul
RT: 13.60 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BM024439.D
Acq: 09 Jan 2020 23:52

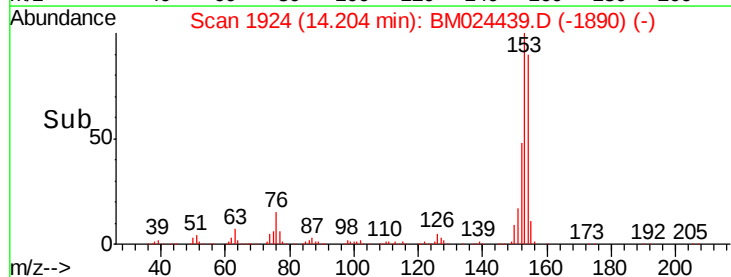
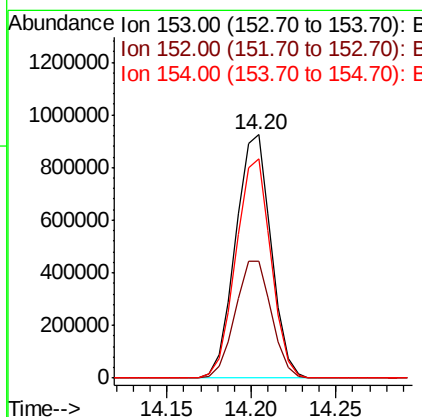
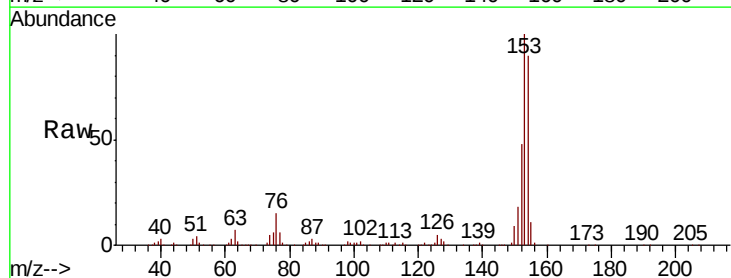
Instrument :
BNA_M
ClientSampleId :
H0BP0MS

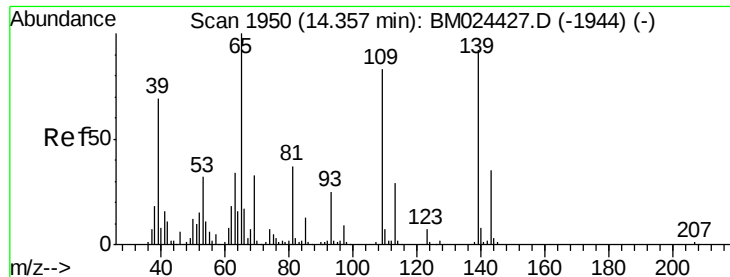
Tot Ion:163 Resp: 74503
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.0 8.2 12.4



#50
Acenaphthene
Concen: 31.034 ng/ul
RT: 14.20 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BM024439.D
Acq: 09 Jan 2020 23:52

Tgt Ion:153 Resp: 1347676
Ion Ratio Lower Upper
153 100
152 48.2 37.5 56.3
154 90.1 72.2 108.4





#53

4-Nitrophenol

Concen: 7.520 ng/ul

RT: 14.36 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BM024439.D

Acq: 09 Jan 2020 23:52

Instrument :

BNA_M

ClientSampleId :

H0BP0MS

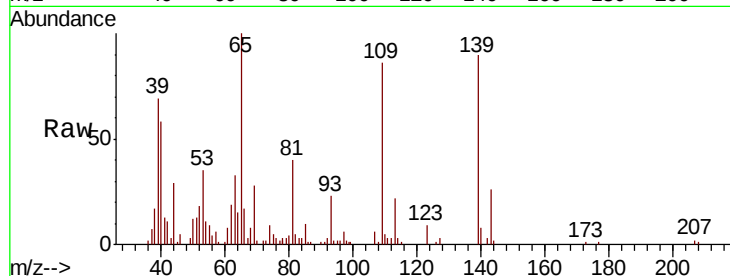
Tot Ion:109 Resp: 56775

Ion Ratio Lower Upper

109 100

139 105.5 98.3 147.5

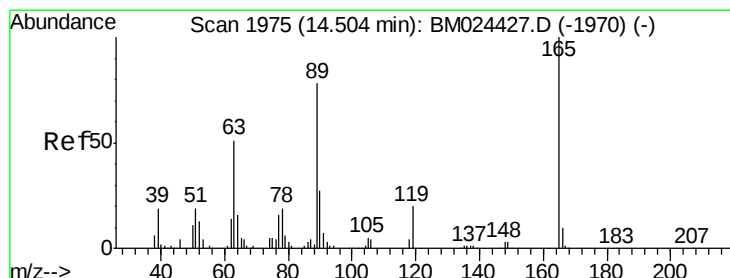
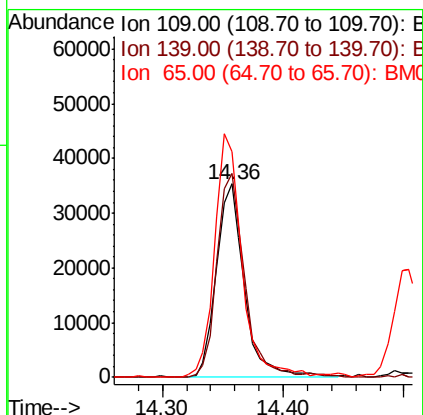
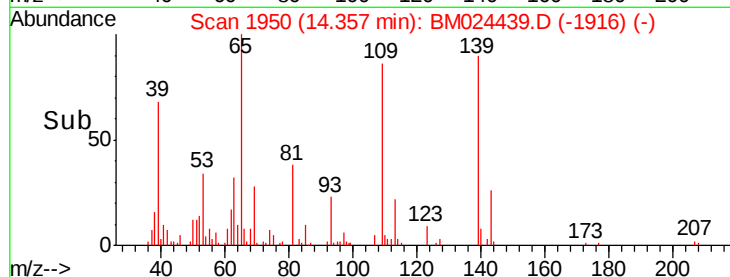
65 116.9 102.9 154.3



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: 38.045 ng/ul

RT: 14.50 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BM024439.D

Acq: 09 Jan 2020 23:52

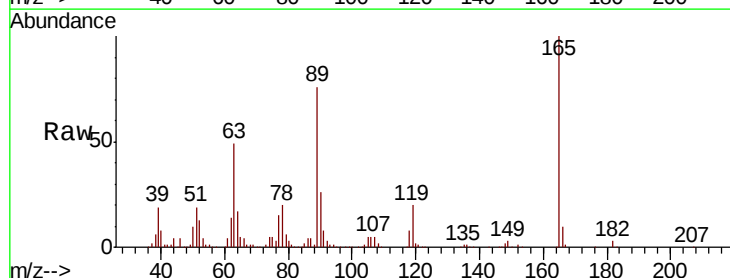
Tgt Ion:165 Resp: 476856

Ion Ratio Lower Upper

165 100

63 49.4 36.8 55.2

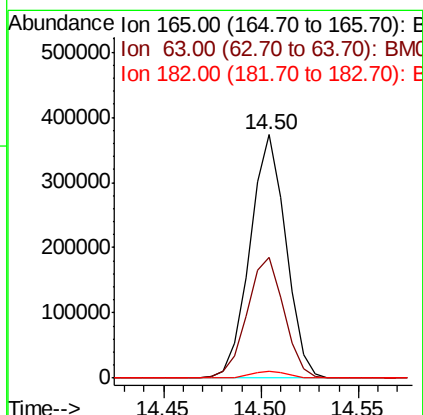
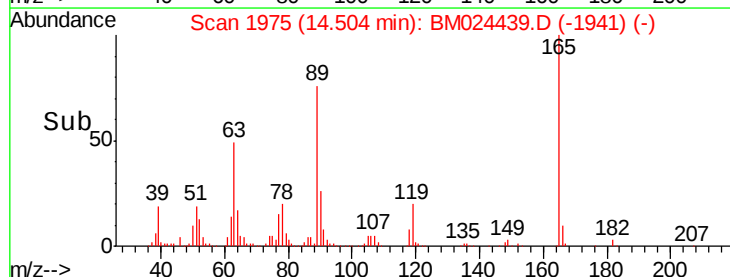
182 2.8 2.3 3.5

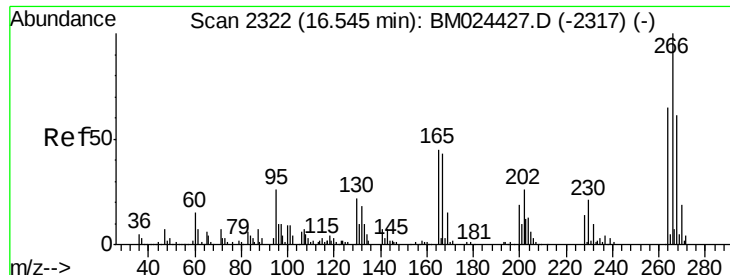


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

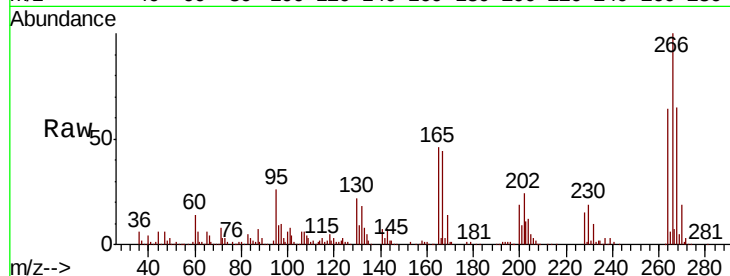




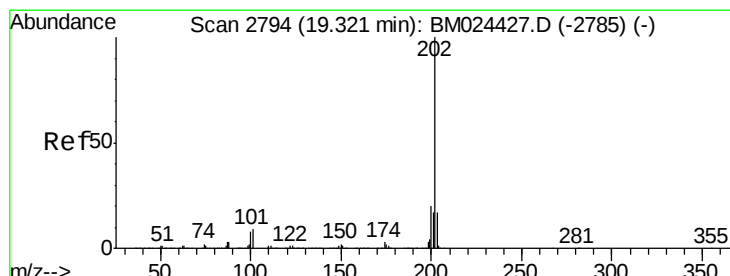
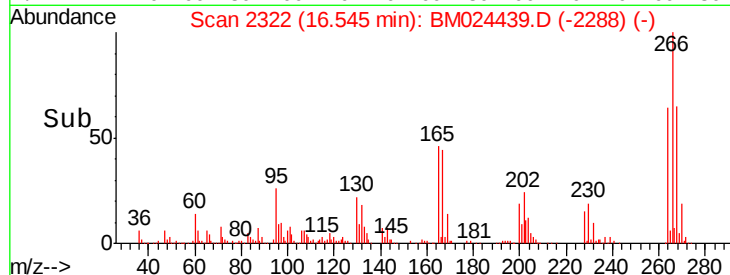
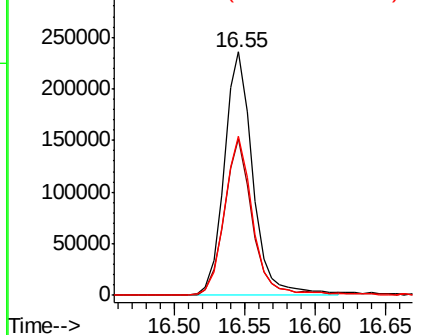
#69
 Pentachlorophenol
 Concen: 32.480 ng/ul
 RT: 16.55 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BM024439.D
 Acq: 09 Jan 2020 23:52

Instrument :
 BNA_M
 ClientSampleId :
 H0BP0MS

Tot Ion:266 Resp: 331843
 Ion Ratio Lower Upper
 266 100
 264 64.1 51.3 76.9
 268 65.3 52.9 79.3

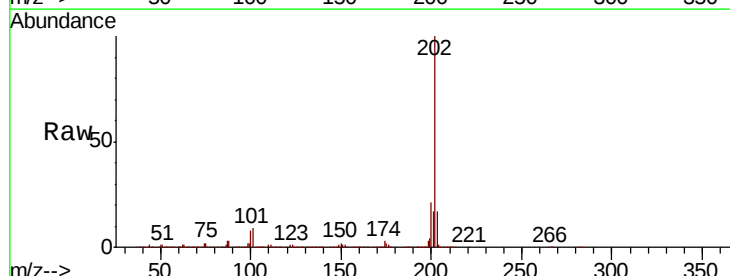


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 34.105 ng/ul
 RT: 19.32 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: BM024439.D
 Acq: 09 Jan 2020 23:52

Tgt Ion:202 Resp: 3370993
 Ion Ratio Lower Upper
 202 100
 101 9.1 7.8 11.8
 100 7.5 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

