

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
 Data File : BM024456.D
 Acq On : 10 Jan 2020 12:01
 Operator : JU
 Sample : L1022-04MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BR3MS

Quant Time: Jan 10 12:46:46 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	238741	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	873059	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	508759	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1127592	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1174884	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1448239	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	31949	5.77	ng/uL	0.00
5) Phenol-d5	6.68	99	93808	5.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	266151	24.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	302138	19.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	166712	11.13	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	185879	28.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	132619	21.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	301367	21.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	24163	1.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1176028	32.18	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1338095	28.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	31538	4.89	ng/ul	0.00
58) Fluorene-d10	15.13	176	1026519	31.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	116847	23.13	ng/ul	0.00
71) Anthracene-d10	16.98	188	1720156	32.57	ng/ul	0.00
79) Pyrene-d10	19.29	212	2047840	32.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	2422923	32.77	ng/ul	0.00

Target Compounds

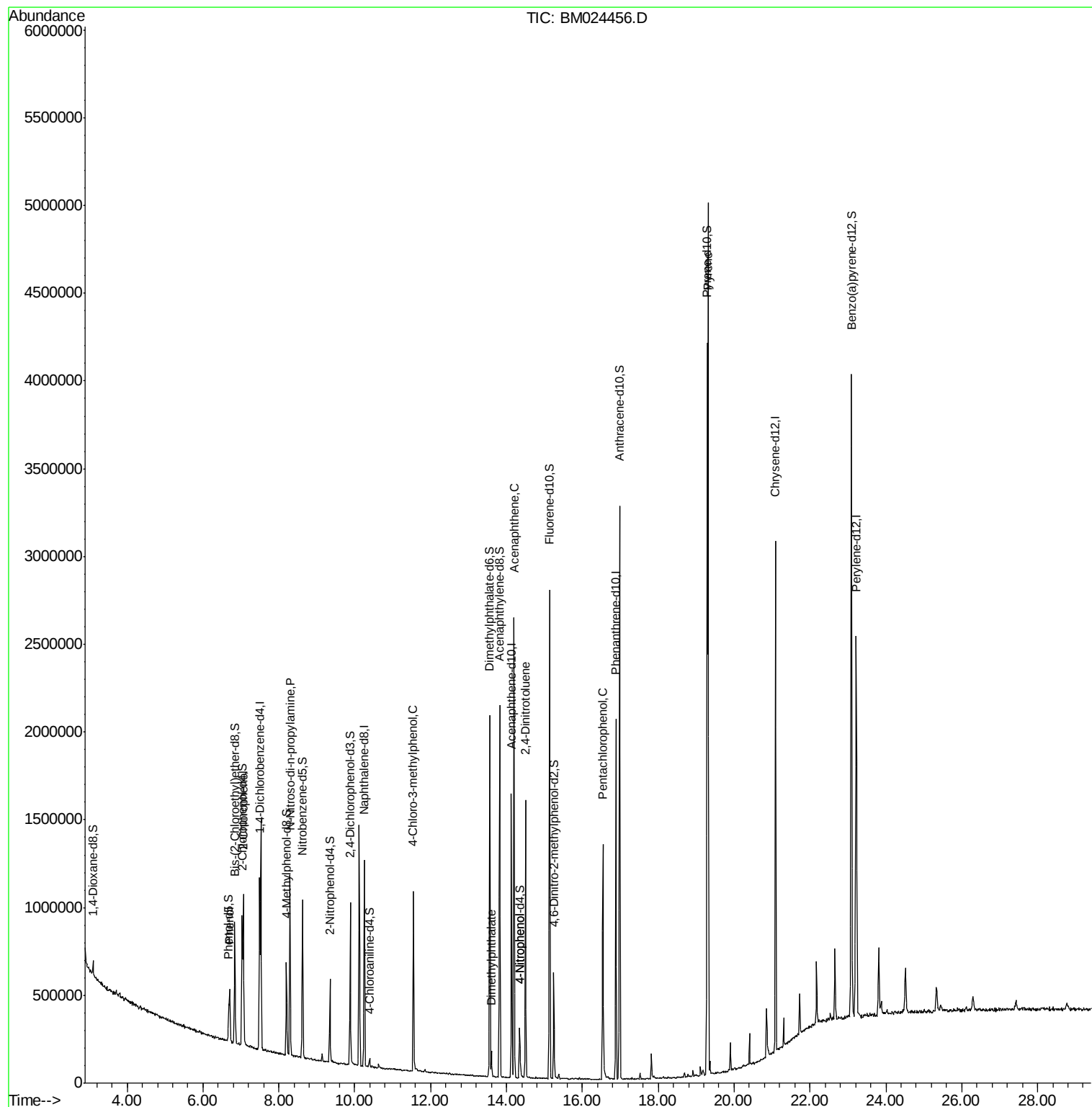
					Ovalue
6) Phenol	6.70	94	129022	6.791	ng/ul 95
10) 2-Chlorophenol	7.06	128	325121	20.697	ng/ul 94
15) N-Nitroso-di-n-propylamine	8.29	70	298020	25.584	ng/ul 95
33) 4-Chloro-3-methylphenol	11.55	107	311809	22.632	ng/ul 99
45) Dimethylphthalate	13.60	163	80658	2.151	ng/ul 99
50) Acenaphthene	14.20	153	947160	29.299	ng/ul 99
53) 4-Nitrophenol	14.36	109	38852	6.913	ng/ul 91
55) 2,4-Dinitrotoluene	14.50	165	358712	38.444	ng/ul 92
69) Pentachlorophenol	16.54	266	236773	29.544	ng/ul 98
80) Pyrene	19.32	202	2784115	34.271	ng/ul 97

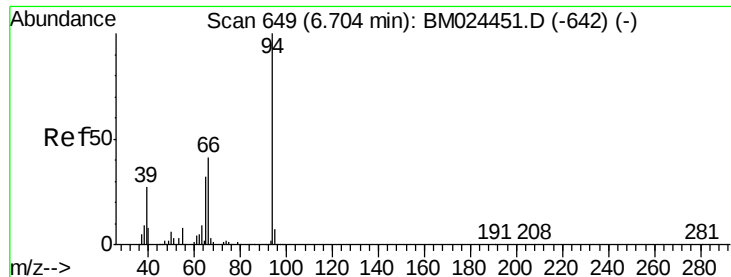
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 6.791 ng/ul

RT: 6.70 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM024456.D

Acq: 10 Jan 2020 12:01

Instrument :

BNA_M

ClientSampleId :

H0BR3MS

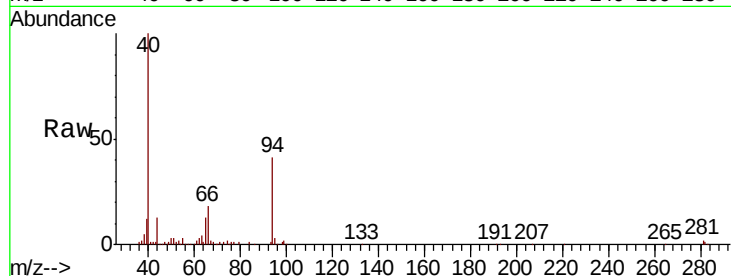
Tot Ion: 94 Resp: 129022

Ion Ratio Lower Upper

94 100

65 32.8 24.8 37.2

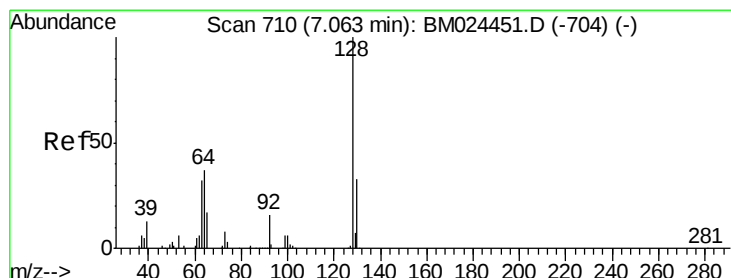
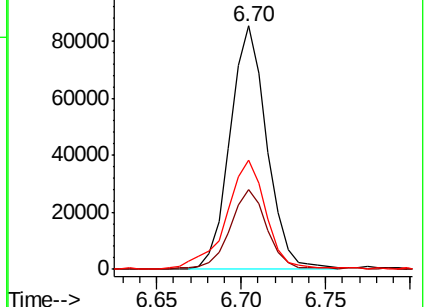
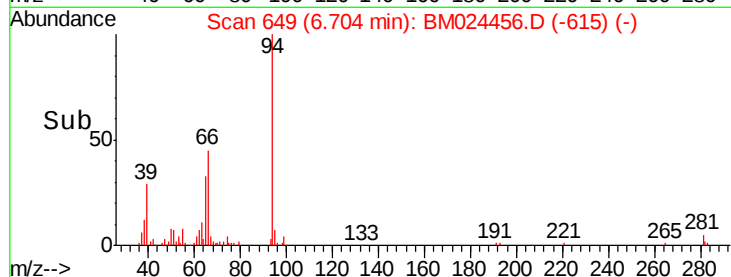
66 45.0 33.1 49.7



Abundance Ion 94.00 (93.70 to 94.70): BM024456.D (-615) (-)

Ion 65.00 (64.70 to 65.70): BM024456.D (-615) (-)

Ion 66.00 (65.70 to 66.70): BM024456.D (-615) (-)



#10

2-Chlorophenol

Concen: 20.697 ng/ul

RT: 7.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM024456.D

Acq: 10 Jan 2020 12:01

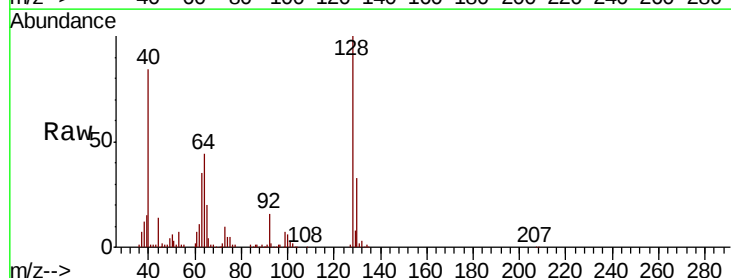
Tgt Ion: 128 Resp: 325121

Ion Ratio Lower Upper

128 100

64 43.7 39.2 58.8

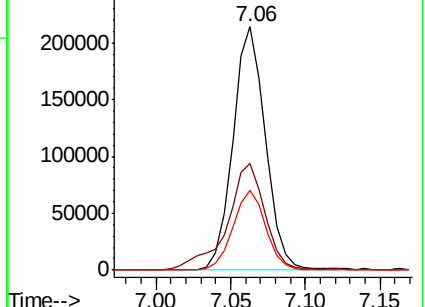
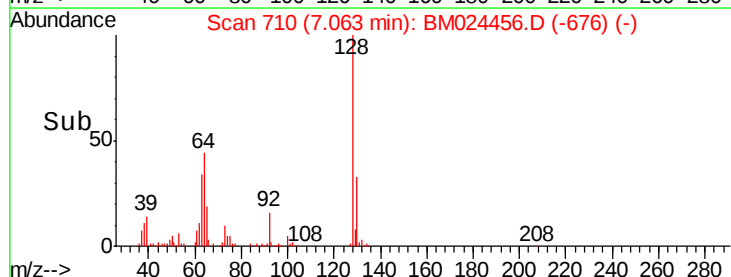
130 32.8 25.4 38.0

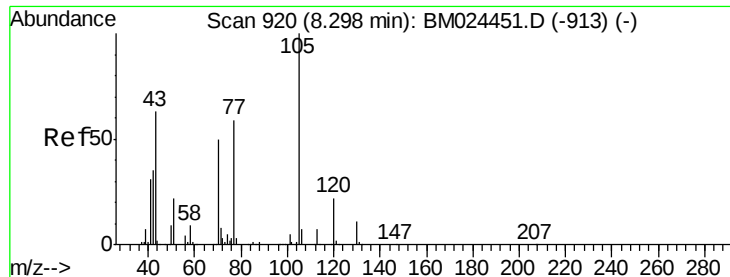


Abundance Ion 128.00 (127.70 to 128.70): BM024456.D (-676) (-)

Ion 64.00 (63.70 to 64.70): BM024456.D (-676) (-)

Ion 130.00 (129.70 to 130.70): BM024456.D (-676) (-)

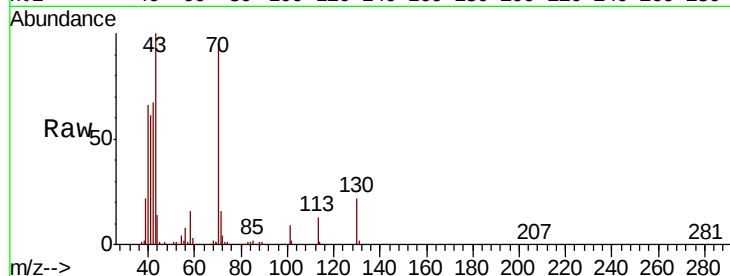




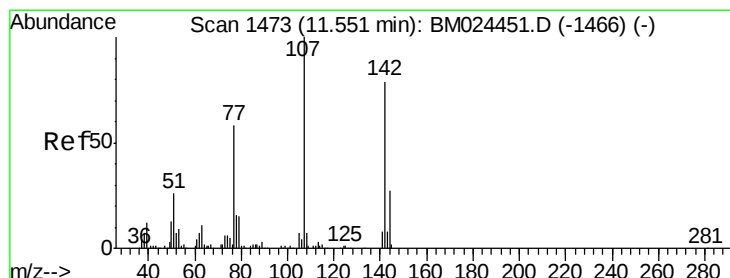
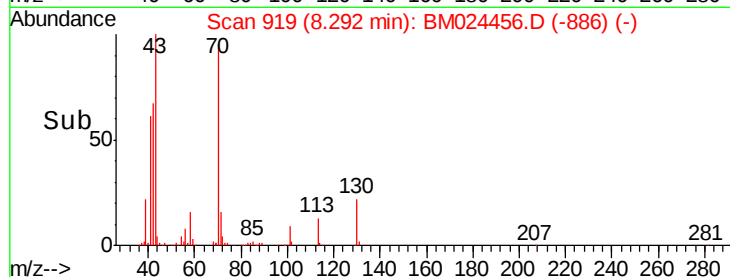
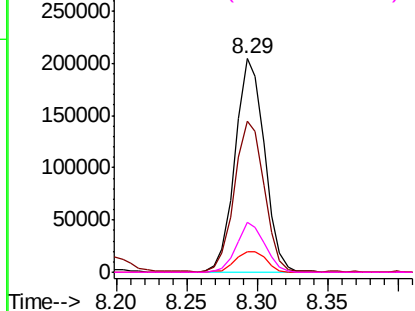
#15
N-Nitroso-di-n-propylamine
Concen: 25.584 ng/ul
RT: 8.29 min Scan# 919
Delta R.T. -0.01 min
Lab File: BM024456.D
Acq: 10 Jan 2020 12:01

Instrument :
BNA_M
ClientSampleId :
H0BR3MS

Tot Ion:	70	Resp:	298020
Ion	Ratio	Lower	Upper
70	100		
42	70.6	53.7	80.5
101	9.6	9.0	13.4
130	23.3	16.6	24.8

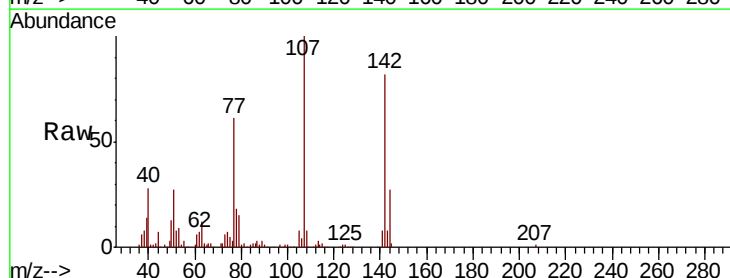


Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

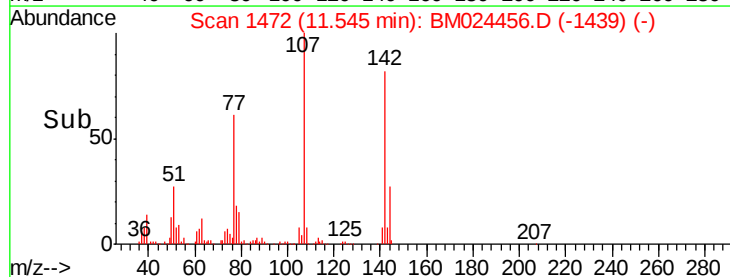
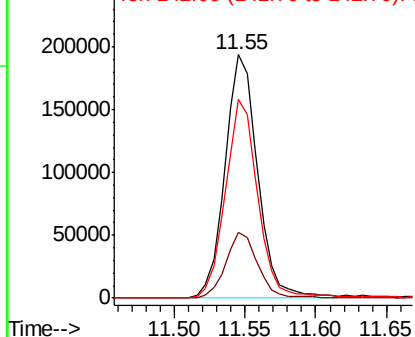


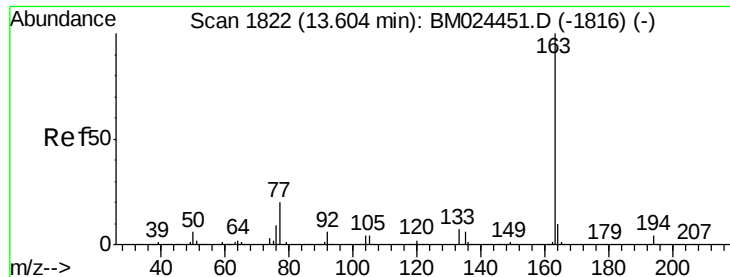
#33
4-Chloro-3-methylphenol
Concen: 22.632 ng/ul
RT: 11.55 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BM024456.D
Acq: 10 Jan 2020 12:01

Tgt Ion:	107	Resp:	311809
Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.8	31.2
142	81.5	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: 2.151 ng/ul

RT: 13.60 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BM024456.D

Acq: 10 Jan 2020 12:01

Instrument :

BNA_M

ClientSampleId :

H0BR3MS

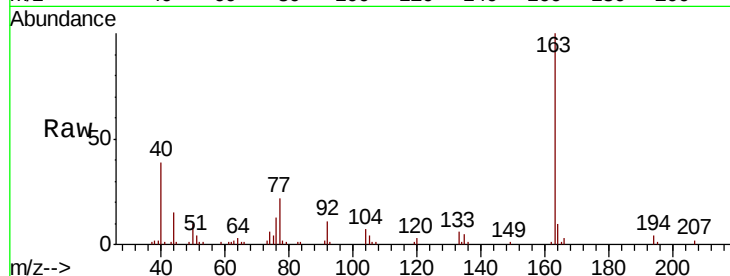
Tot Ion:163 Resp: 80658

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.0 8.2 12.4

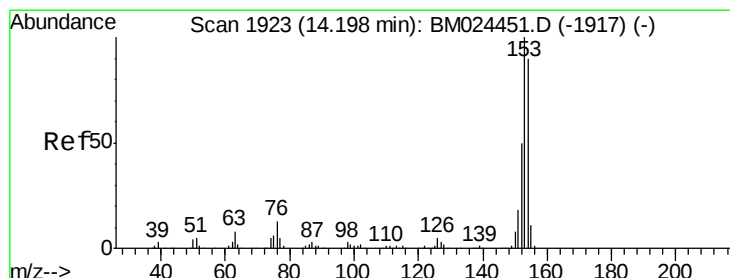
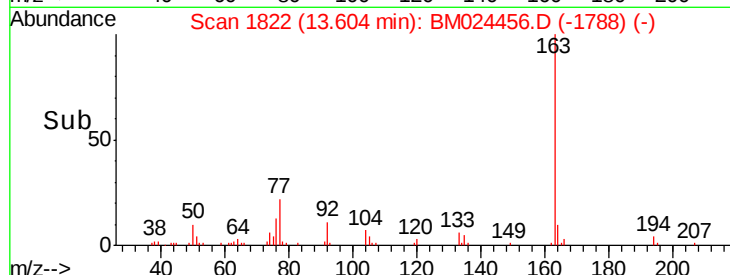
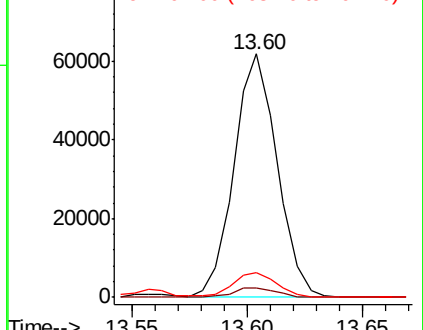


Abundance

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: 29.299 ng/ul

RT: 14.20 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BM024456.D

Acq: 10 Jan 2020 12:01

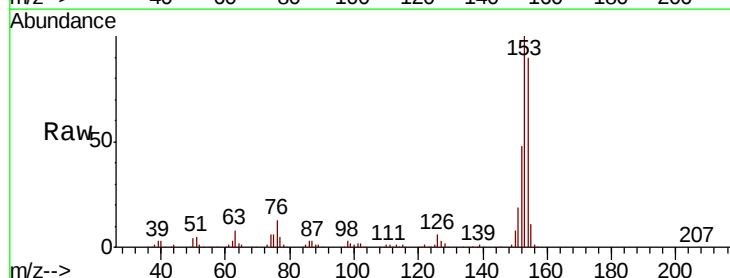
Tgt Ion:153 Resp: 947160

Ion Ratio Lower Upper

153 100

152 48.5 37.5 56.3

154 89.6 72.2 108.4

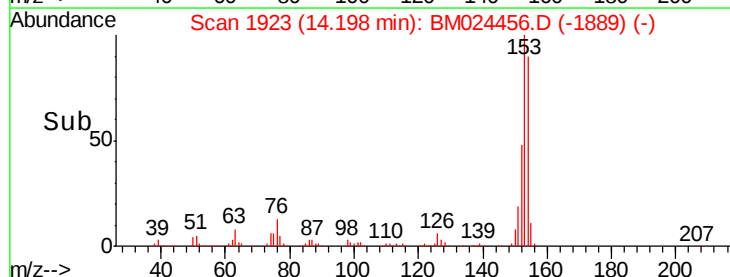
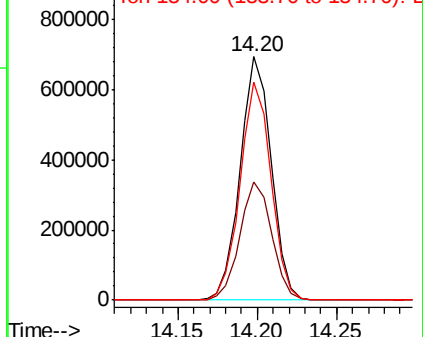


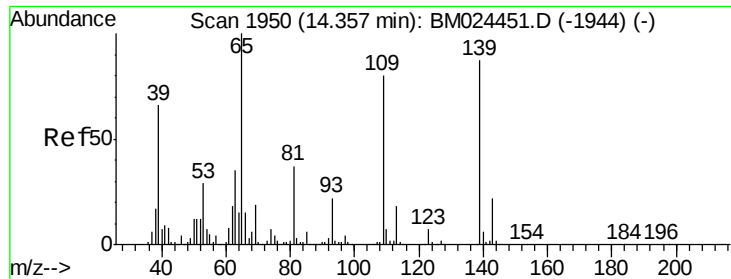
Abundance

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

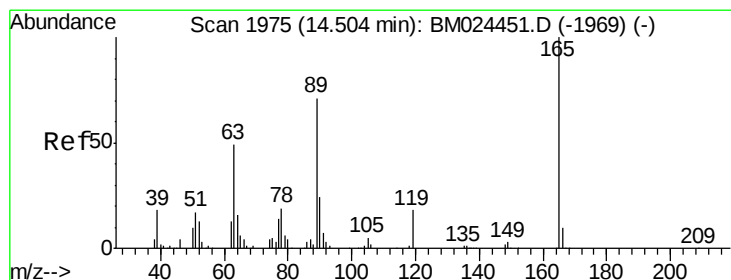
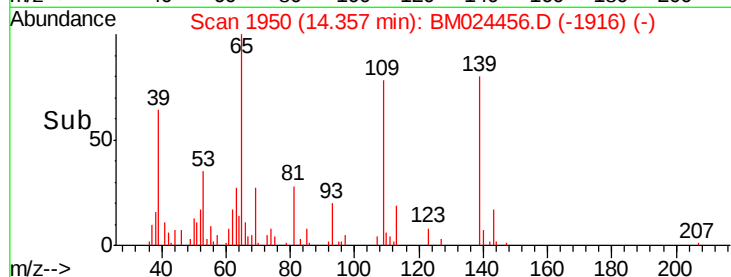
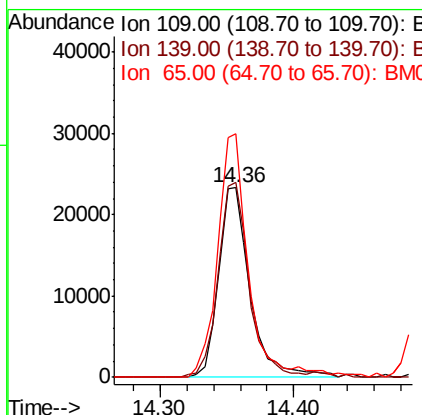
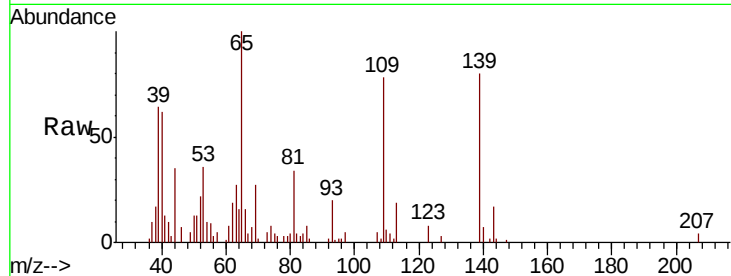




#53
4-Nitrophenol
Concen: 6.913 ng/ul
RT: 14.36 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BM024456.D
Acq: 10 Jan 2020 12:01

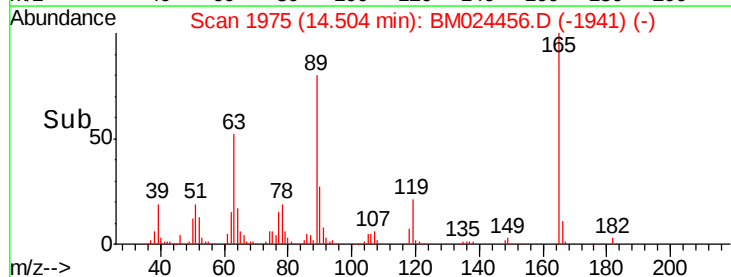
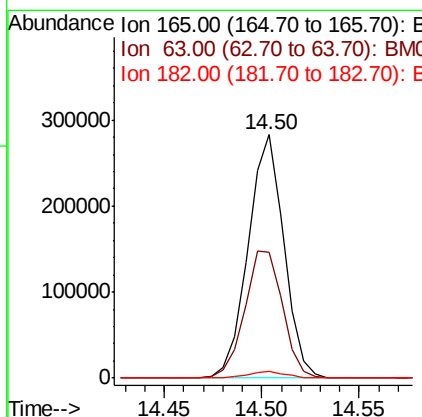
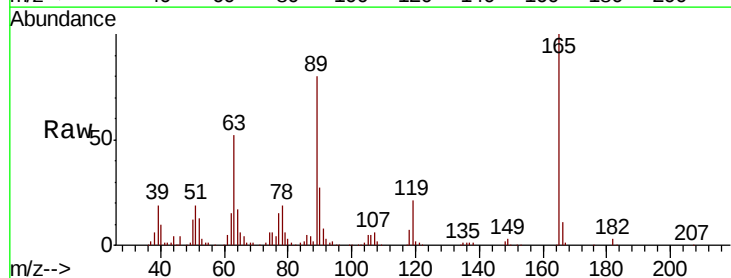
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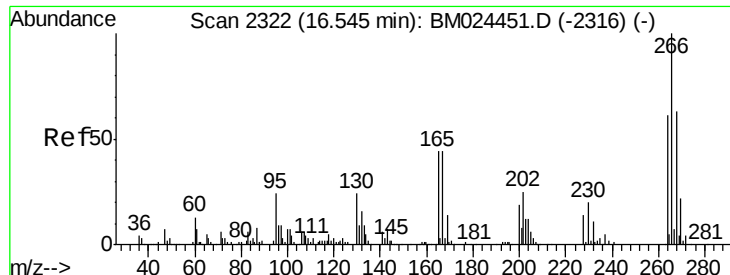
Tot Ion	Ratio	Lower	Upper
109	100		
139	103.3	98.3	147.5
65	128.6	102.9	154.3



#55
2,4-Dinitrotoluene
Concen: 38.444 ng/ul
RT: 14.50 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BM024456.D
Acq: 10 Jan 2020 12:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.8	36.8	55.2
182	2.9	2.3	3.5

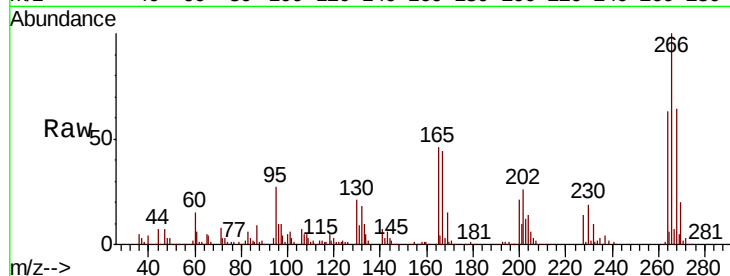




#69
 Pentachlorophenol
 Concen: 29.544 ng/ul
 RT: 16.54 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BM024456.D
 Acq: 10 Jan 2020 12:01

Instrument :
 BNA_M
 ClientSampleId :
 H0BR3MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.9	51.3	76.9
268	64.0	52.9	79.3

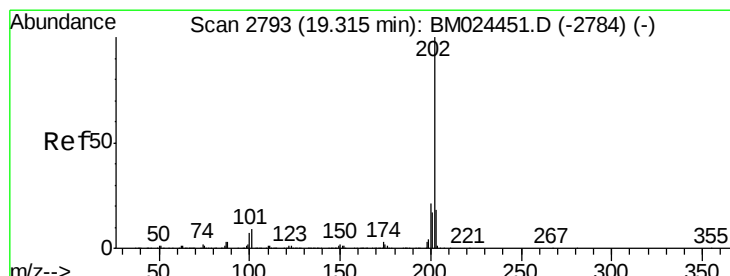
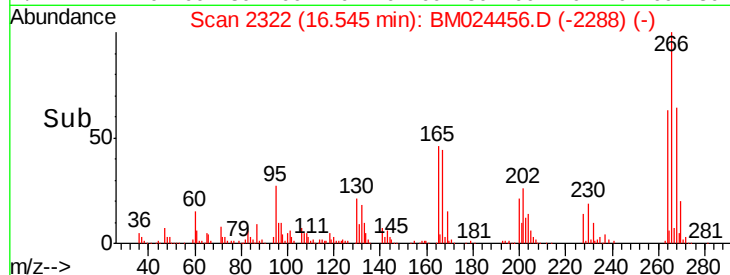
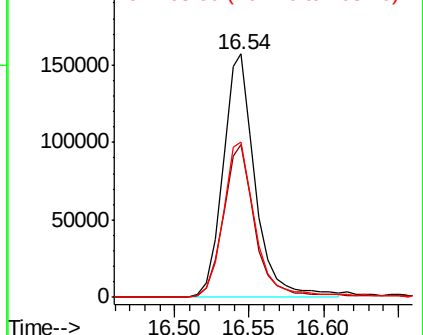


Abundance

Ion 265.70 (265.40 to 266.40): E

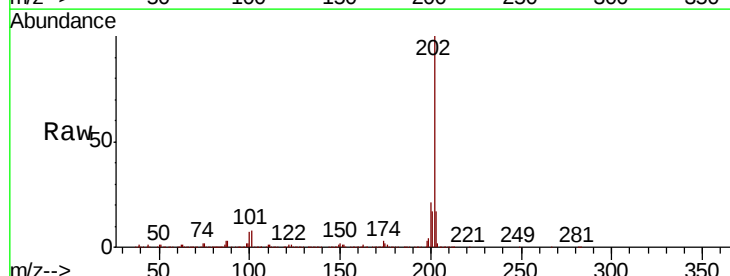
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 34.271 ng/ul
 RT: 19.32 min Scan# 2793
 Delta R.T. -0.00 min
 Lab File: BM024456.D
 Acq: 10 Jan 2020 12:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.8	11.8
100	7.2	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

