

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122420\
 Data File : BM028264.D
 Acq On : 24 Dec 2020 17:16
 Operator : JU/CG
 Sample : L5110-13MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54M2MSD

Quant Time: Dec 24 17:47:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 15:09:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	101996	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	416524	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	241681	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	489222	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	462349	20.00	ng/ul	0.00
86) Perylene-d12	24.01	264	466475	20.00	ng/ul	0.00

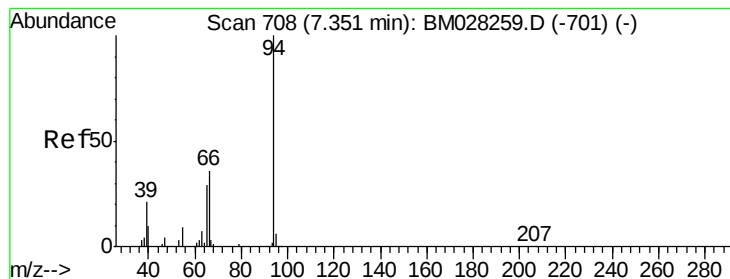
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	7094	2.76	ng/uL	0.00
5) Phenol-d5	7.33	99	134337	15.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	91923	16.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	119282	16.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	110810	15.81	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	58966	18.05	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	56491	16.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	110062	16.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	75410	9.45	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	340816	18.30	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	445216	19.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	22974	6.79	ng/ul	0.00
58) Fluorene-d10	15.80	176	301508	18.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	33102	11.36	ng/ul	0.00
71) Anthracene-d10	17.63	188	433797	17.87	ng/ul	0.00
79) Pyrene-d10	19.89	212	477242	18.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.86	264	473555	18.43	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.35	94	188182	21.911	ng/ul 100
10) 2-Chlorophenol	7.74	128	153073	20.699	ng/ul 98
15) N-Nitroso-di-n-propylamine	9.00	70	110867	20.957	ng/ul 98
33) 4-Chloro-3-methylphenol	12.27	107	149636	21.740	ng/ul 96
45) Dimethylphthalate	14.26	163	117125	6.156	ng/ul 99
50) Acenaphthene	14.88	153	349914	20.589	ng/ul 99
53) 4-Nitrophenol	15.00	109	51372	19.499	ng/ul 98
55) 2,4-Dinitrotoluene	15.16	165	113132	21.722	ng/ul 98
69) Pentachlorophenol	17.18	266	78106	21.613	ng/ul 98
80) Pyrene	19.92	202	709024	20.349	ng/ul 98

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



#6

Phenol

Concen: 21.911 ng/ul

RT: 7.35 min Scan# 708

Delta R.T. 0.00 min

Lab File: BM028264.D

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Instrument :

BNA_M

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A54M2MSD

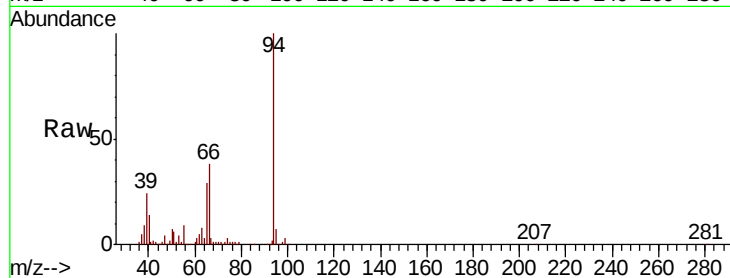
Tot Ion: 94 Resp: 188182

Ion Ratio Lower Upper

94 100

65 29.4 23.4 35.0

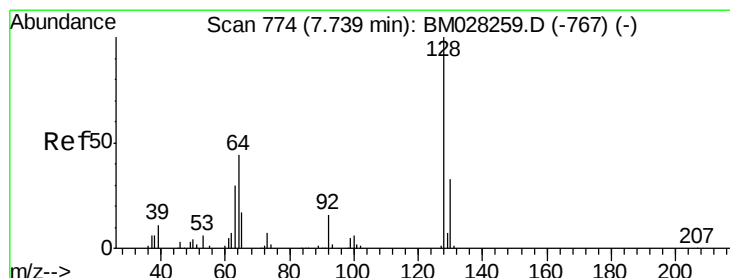
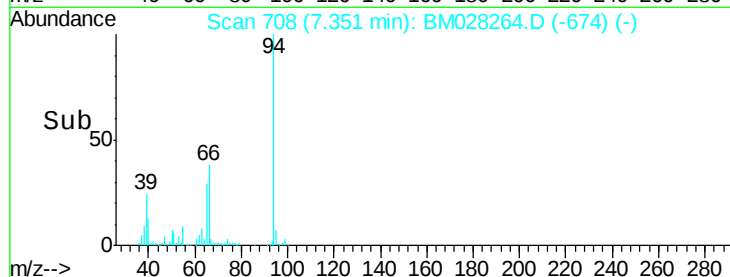
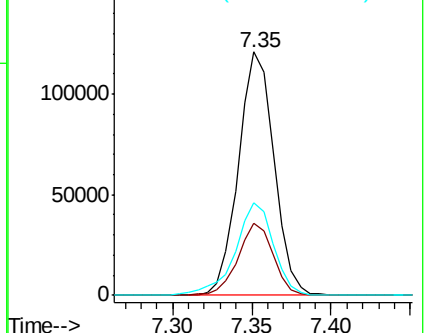
66 38.0 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM028264.D (-701) (-)

Ion 65.00 (64.70 to 65.70): BM028264.D (-701) (-)

Ion 66.00 (65.70 to 66.70): BM028264.D (-701) (-)



#10

2-Chlorophenol

Concen: 20.699 ng/ul

RT: 7.74 min Scan# 774

Delta R.T. 0.00 min

Lab File: BM028264.D

Acq: 24 Dec 2020 17:16

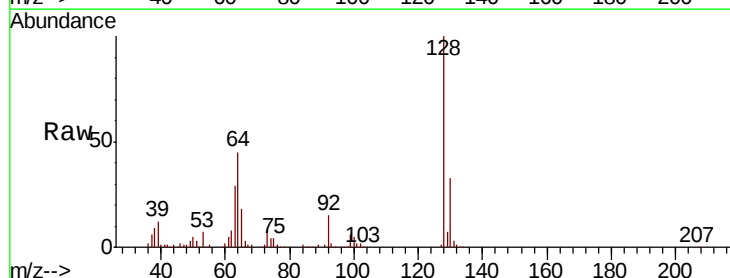
Tgt Ion: 128 Resp: 153073

Ion Ratio Lower Upper

128 100

64 45.5 37.9 56.9

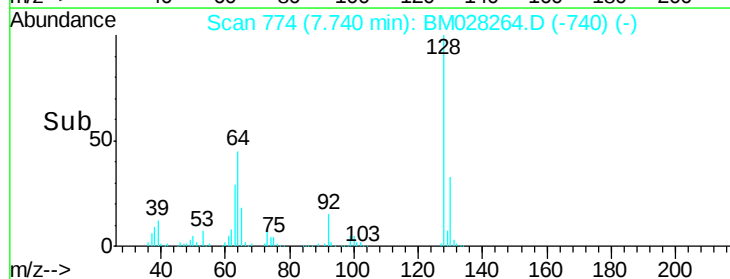
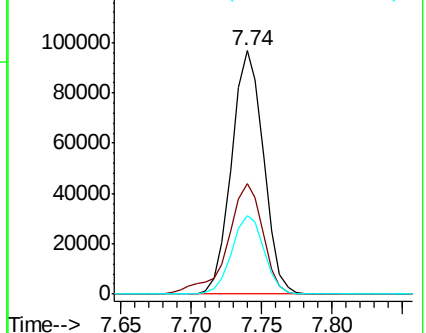
130 32.5 26.1 39.1

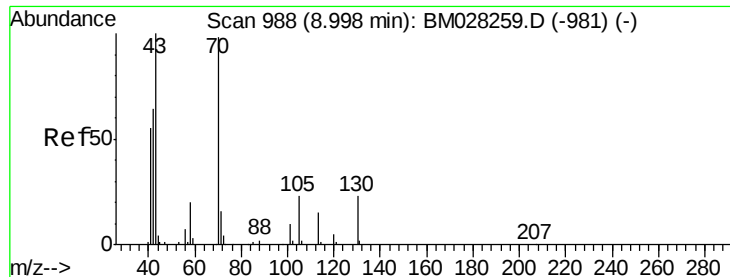


Abundance Ion 128.00 (127.70 to 128.70): BM028264.D (-740) (-)

Ion 64.00 (63.70 to 64.70): BM028264.D (-740) (-)

Ion 130.00 (129.70 to 130.70): BM028264.D (-740) (-)

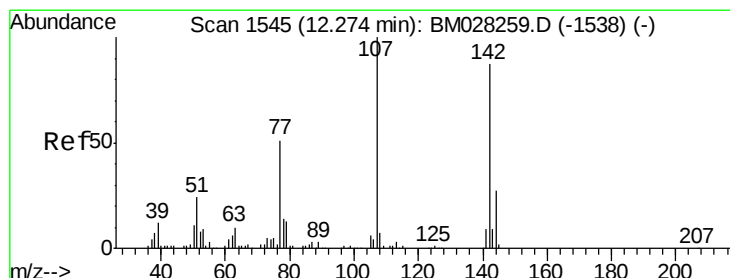
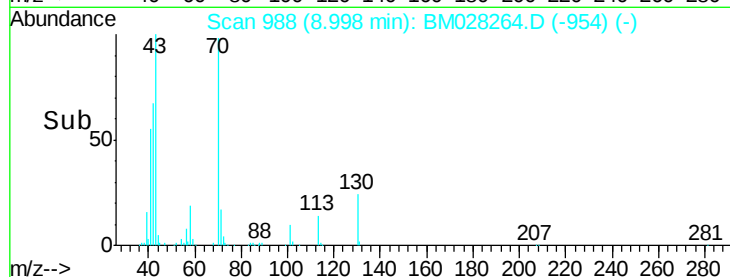
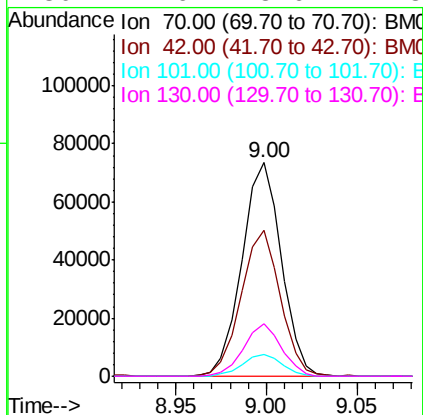
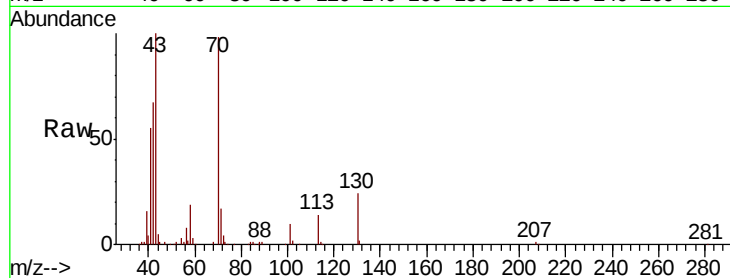




#15
N-Nitroso-di-n-propylamine
Concen: 20.957 ng/ul
RT: 9.00 min Scan# 988
Delta R.T. 0.00 min
Lab File: BM028264.D
Acq: 24 Dec 2020 17:16

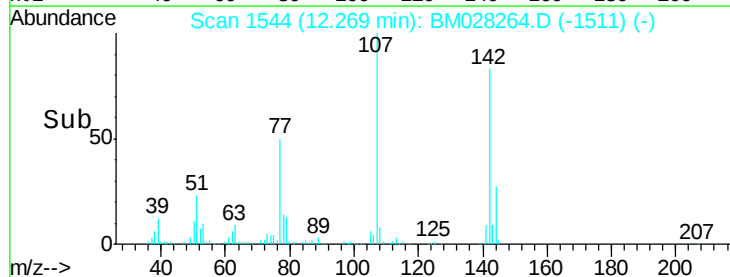
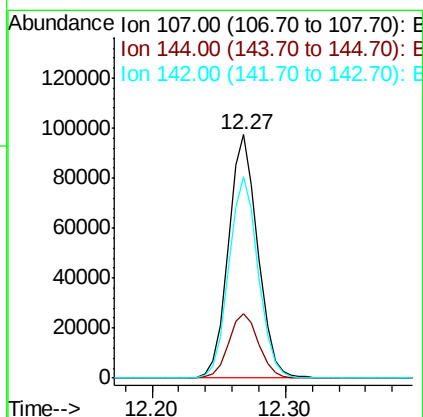
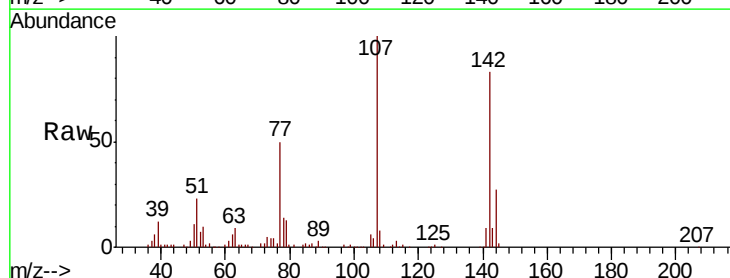
Instrument :
BNA_M
ClientSampled :
A54M2MSD

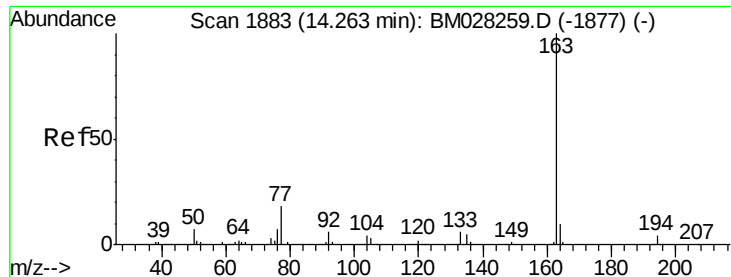
Tot Ion:	70	Resp:	110867
Ion	Ratio	Lower	Upper
70	100		
42	68.1	52.9	79.3
101	10.1	8.3	12.5
130	24.6	18.6	27.8



#33
4-Chloro-3-methylphenol
Concen: 21.740 ng/ul
RT: 12.27 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BM028264.D
Acq: 24 Dec 2020 17:16

Tgt Ion:	107	Resp:	149636
Ion	Ratio	Lower	Upper
107	100		
144	26.6	22.0	33.0
142	82.9	69.8	104.8





#45

Dimethylphthalate

Concen: 6.156 ng/ul

RT: 14.26 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BM028264.D

Acq: 24 Dec 2020 17:16

Instrument :

BNA_M

ClientSampleId :

A54M2MSD

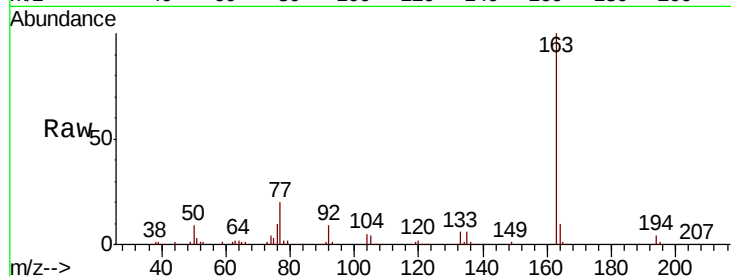
Tot Ion:163 Resp: 117125

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

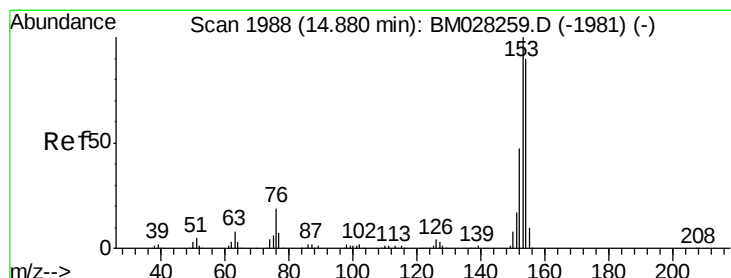
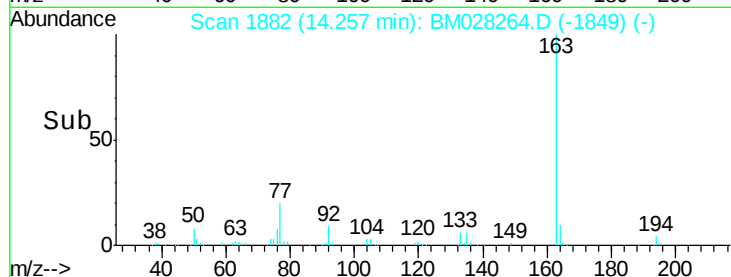
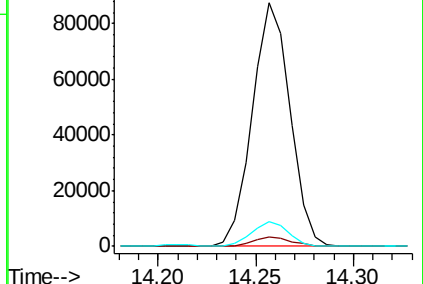
164 10.3 8.4 12.6



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: 20.589 ng/ul

RT: 14.88 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BM028264.D

Acq: 24 Dec 2020 17:16

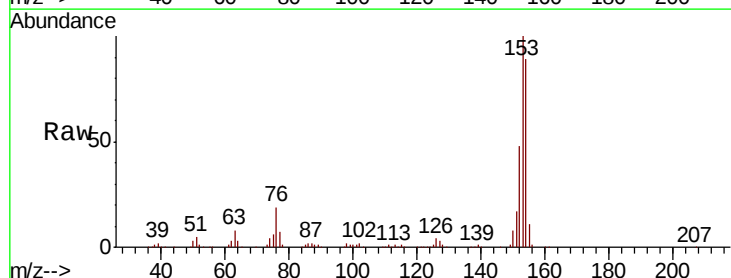
Tgt Ion:153 Resp: 349914

Ion Ratio Lower Upper

153 100

152 48.1 37.4 56.2

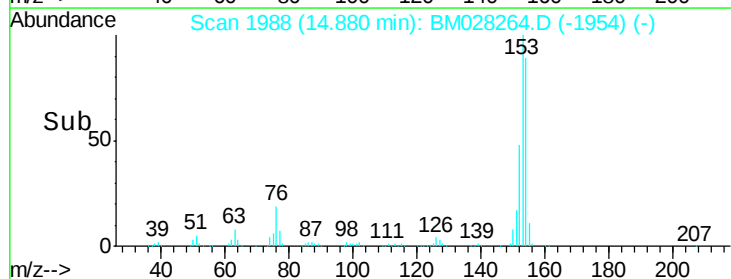
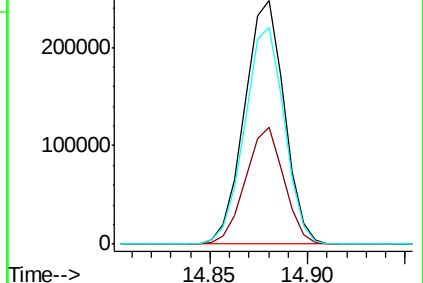
154 89.0 71.6 107.4

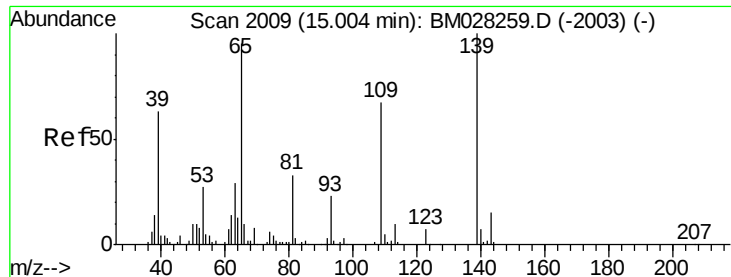


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

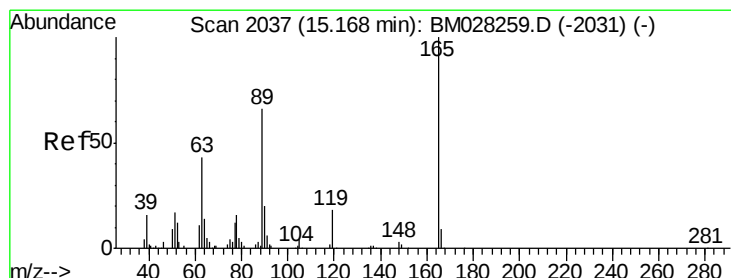
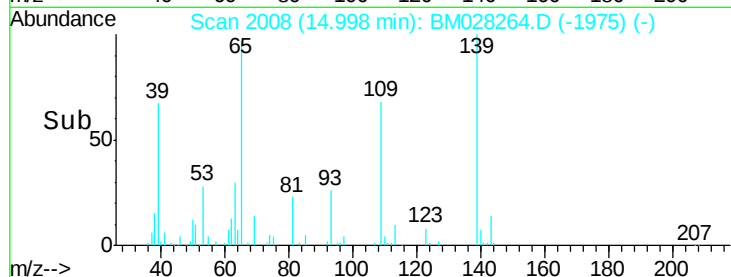
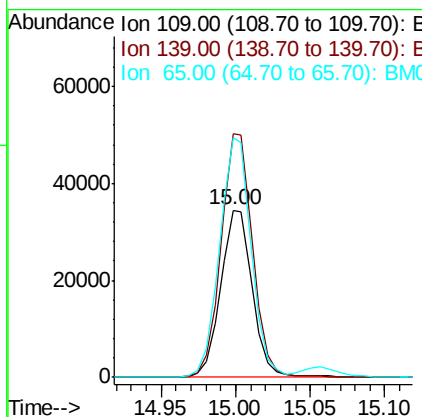
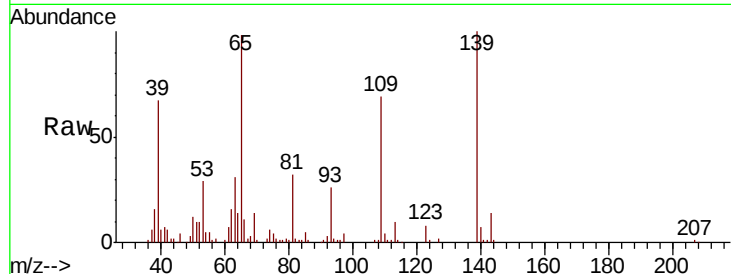




#53
4-Nitrophenol
Concen: 19.499 ng/ul
RT: 15.00 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM028264.D
Acq: 24 Dec 2020 17:16

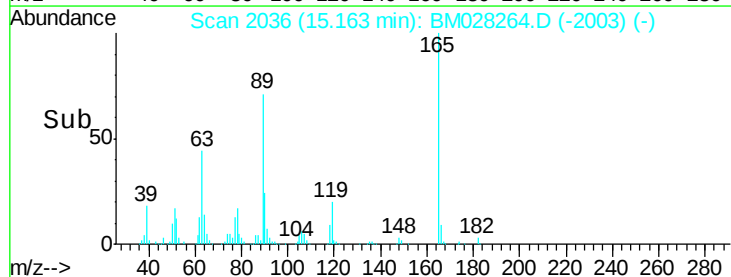
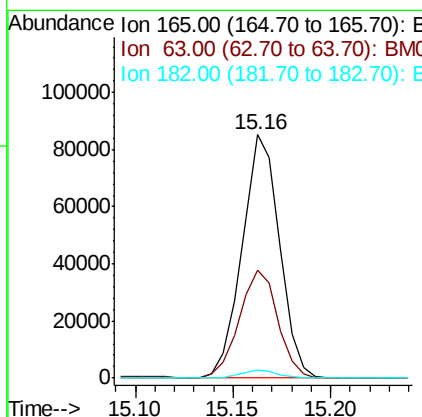
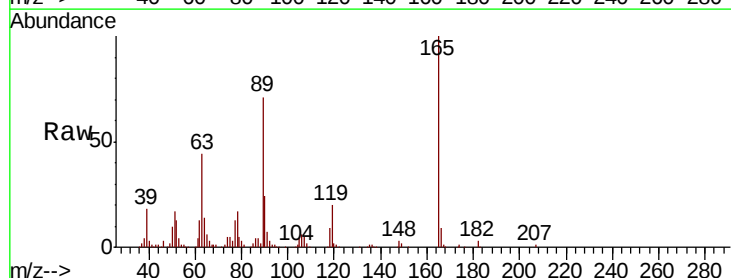
Instrument :
BNA_M
ClientSampleId :
A54M2MSD

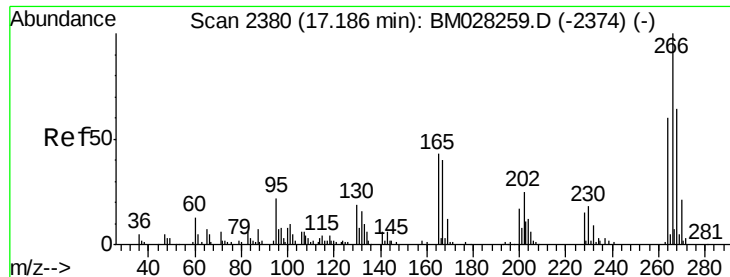
Tot Ion:109 Resp: 51372
Ion Ratio Lower Upper
109 100
139 145.8 119.4 179.0
65 143.4 114.3 171.5



#55
2,4-Dinitrotoluene
Concen: 21.722 ng/ul
RT: 15.16 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BM028264.D
Acq: 24 Dec 2020 17:16

Tgt Ion:165 Resp: 113132
Ion Ratio Lower Upper
165 100
63 44.1 34.4 51.6
182 3.2 2.6 4.0





#69

Pentachlorophenol

Concen: 21.613 ng/ul

RT: 17.18 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM028264.D

Acq: 24 Dec 2020 17:16

Instrument :

BNA_M

ClientSampleId :

A54M2MSD

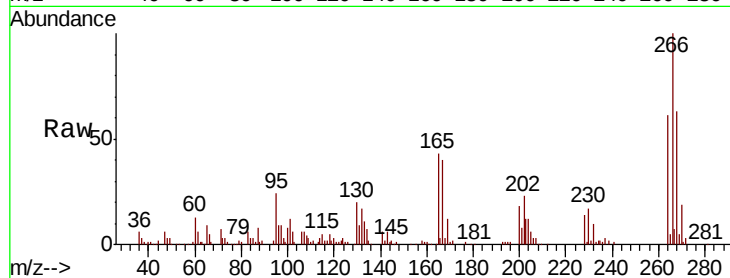
Tot Ion:266 Resp: 78106

Ion Ratio Lower Upper

266 100

264 61.4 48.0 72.0

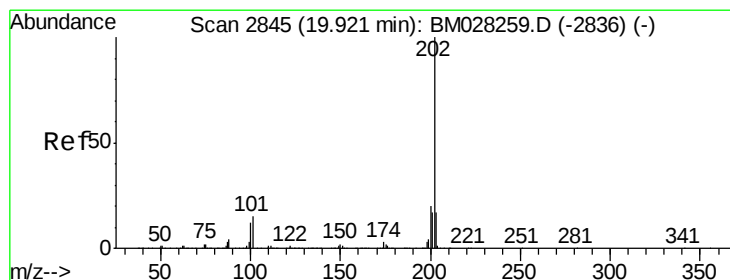
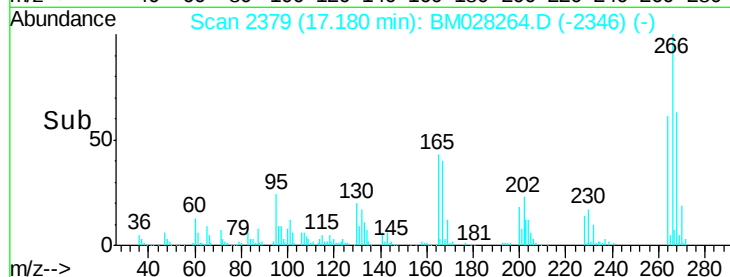
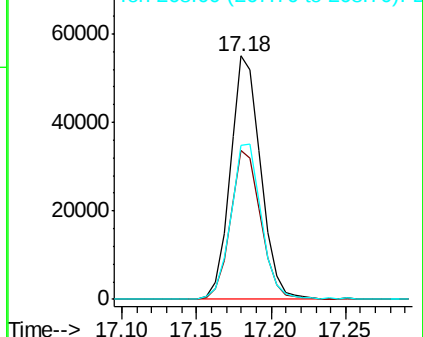
268 63.1 51.3 76.9



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: 20.349 ng/ul

RT: 19.92 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BM028264.D

Acq: 24 Dec 2020 17:16

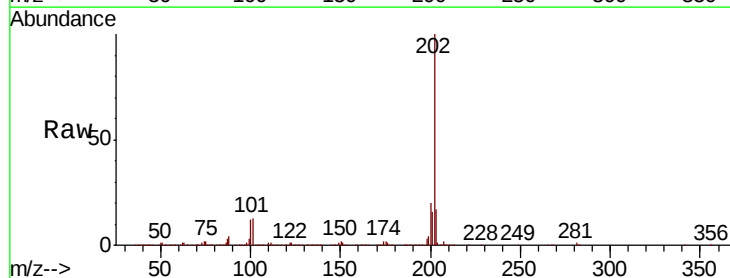
Tgt Ion:202 Resp: 709024

Ion Ratio Lower Upper

202 100

101 13.5 11.7 17.5

100 11.9 9.8 14.6



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): B

