

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
 Data File : BM028166.D
 Acq On : 18 Dec 2020 19:52
 Operator : JU/CG
 Sample : L5068-06MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54G5MS

Quant Time: Dec 19 00:13:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 19 00:05:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	109527	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	435486	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	240318	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	487060	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	479149	20.00	ng/ul	0.00
86) Perylene-d12	24.03	264	501753	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	12772	4.64	ng/uL	0.00
5) Phenol-d5	7.35	99	233309	25.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	143799	24.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	199289	25.62	ng/ul	-0.01
13) 4-Methylphenol-d8	8.91	113	184538	24.52	ng/ul	-0.01
19) Nitrobenzene-d5	9.38	128	90035	26.36	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.11	143	98061	28.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	175550	24.94	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.16	131	246594	29.56	ng/ul	-0.01
44) Dimethylphthalate-d6	14.23	166	513508	27.74	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	649478	27.96	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	87670	26.04	ng/ul	0.00
58) Fluorene-d10	15.82	176	432458	26.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	67724	23.35	ng/ul	0.00
71) Anthracene-d10	17.65	188	667920	27.63	ng/ul	0.00
79) Pyrene-d10	19.91	212	729315	27.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.88	264	766602	27.74	ng/ul	0.00

Target Compounds

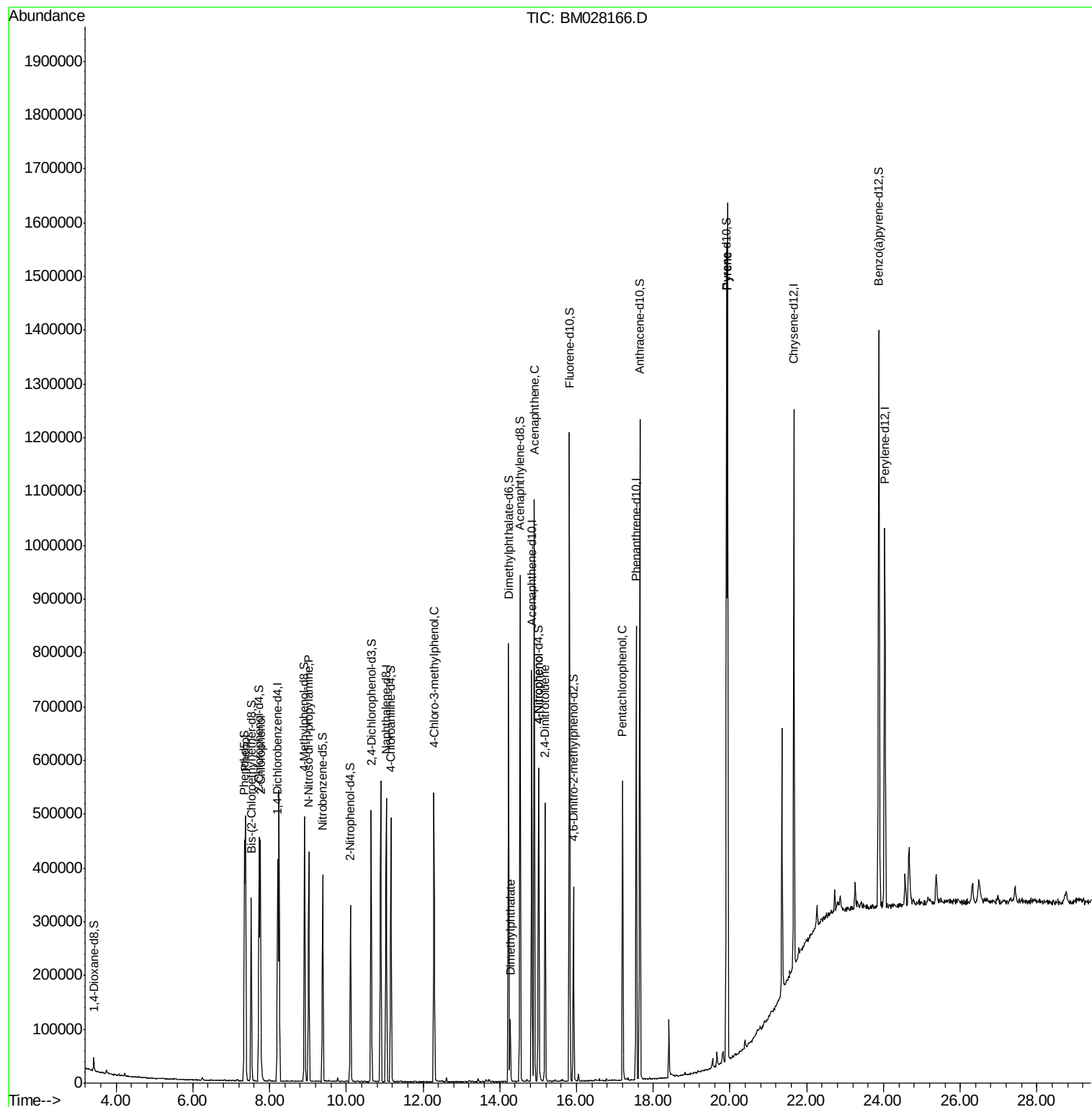
					Ovalue
6) Phenol	7.38	94	247269	26.811	ng/ul 98
10) 2-Chlorophenol	7.76	128	191261	24.084	ng/ul 99
15) N-Nitroso-di-n-propylamine	9.02	70	136634	24.052	ng/ul 93
33) 4-Chloro-3-methylphenol	12.29	107	172794	24.012	ng/ul 100
45) Dimethylphthalate	14.27	163	70078	3.704	ng/ul 100
50) Acenaphthene	14.90	153	411734	24.364	ng/ul 98
53) 4-Nitrophenol	15.02	109	66618	25.429	ng/ul 96
55) 2,4-Dinitrotoluene	15.18	165	134504	25.972	ng/ul 94
69) Pentachlorophenol	17.20	266	90255	25.086	ng/ul 96
80) Pyrene	19.94	202	878245	24.322	ng/ul 98

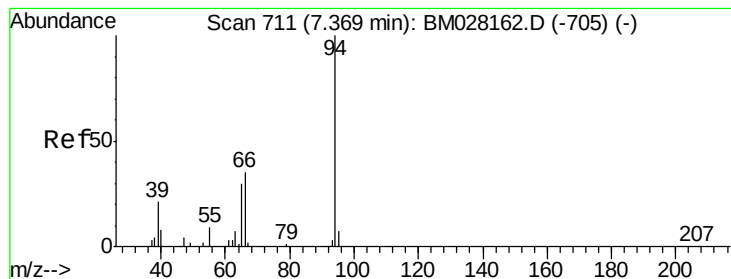
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 00:05:02 2020
Response via : Initial Calibration





#6

Phenol

Concen: 26.811 ng/ul

RT: 7.38 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM028166.D

Acq: 18 Dec 2020 19:52

Instrument :

BNA_M

ClientSampleId :

A54G5MS

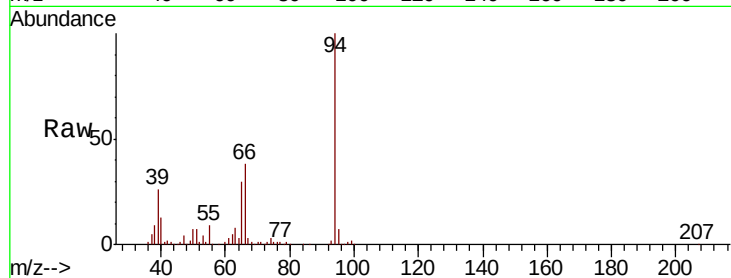
Tot Ion: 94 Resp: 247269

Ion Ratio Lower Upper

94 100

65 30.2 25.4 38.0

66 38.1 31.5 47.3

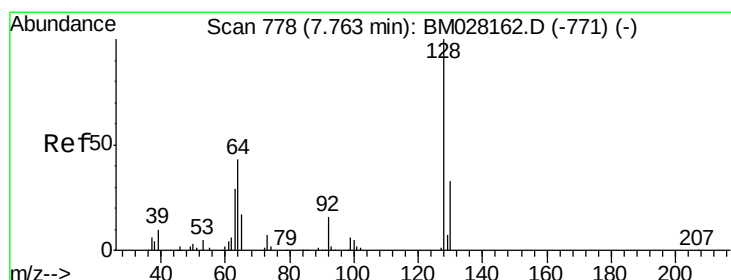
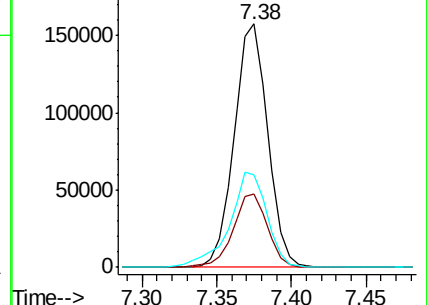
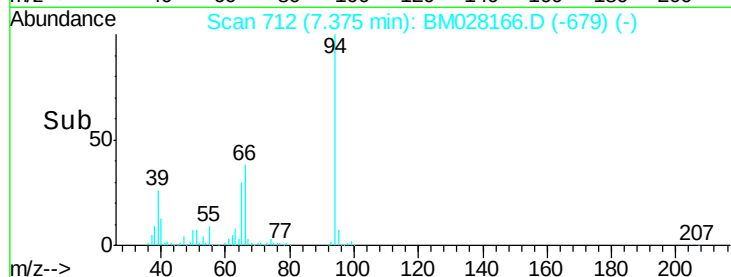


Abundance Ion 94.00 (93.70 to 94.70): BM028166.D (-679) (-)

Ion 65.00 (64.70 to 65.70): BM028166.D (-679) (-)

Ion 66.00 (65.70 to 66.70): BM028166.D (-679) (-)

Time-->



#10

2-Chlorophenol

Concen: 24.084 ng/ul

RT: 7.76 min Scan# 778

Delta R.T. -0.01 min

Lab File: BM028166.D

Acq: 18 Dec 2020 19:52

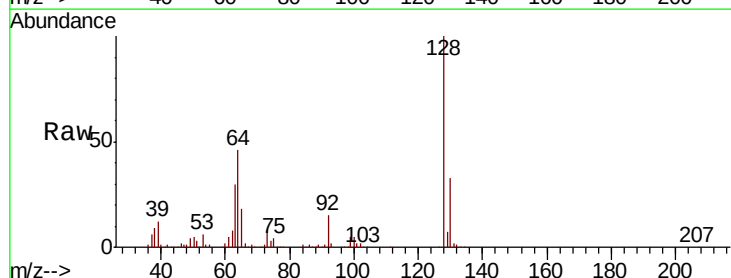
Tgt Ion: 128 Resp: 191261

Ion Ratio Lower Upper

128 100

64 46.2 37.4 56.0

130 33.3 25.8 38.6

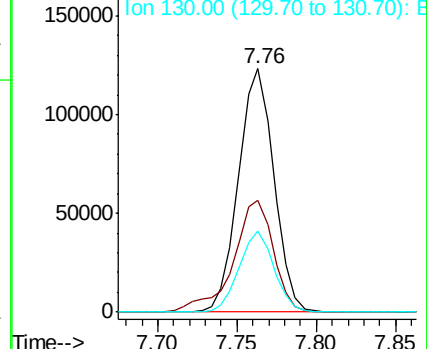
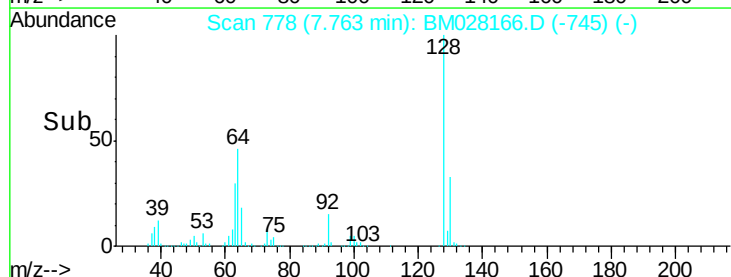


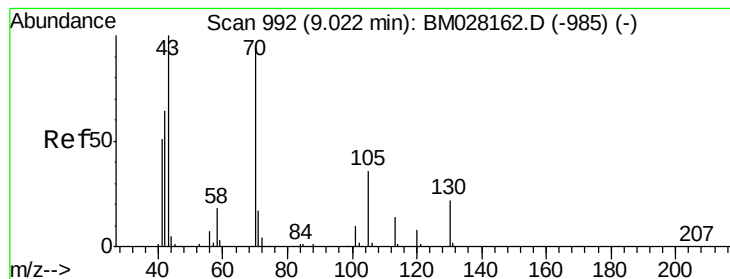
Abundance Ion 128.00 (127.70 to 128.70): BM028166.D (-745) (-)

Ion 64.00 (63.70 to 64.70): BM028166.D (-745) (-)

Ion 130.00 (129.70 to 130.70): BM028166.D (-745) (-)

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 24.052 ng/ul

RT: 9.02 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM028166.D

Acq: 18 Dec 2020 19:52

Instrument :

BNA_M

ClientSampleId :

A54G5MS

Tot Ion: 70 Resp: 136634

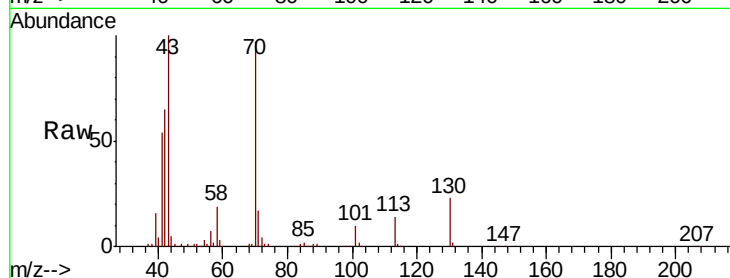
Ion Ratio Lower Upper

70 100

42 67.0 59.4 89.2

101 10.3 8.1 12.1

130 23.3 17.5 26.3

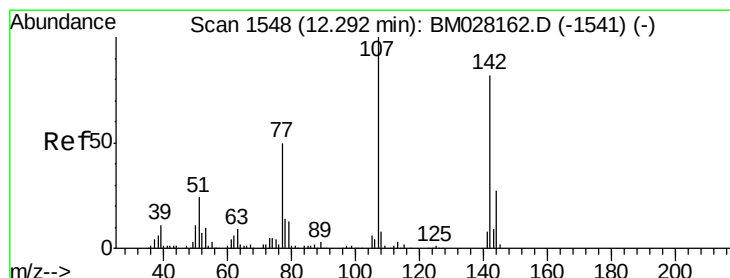
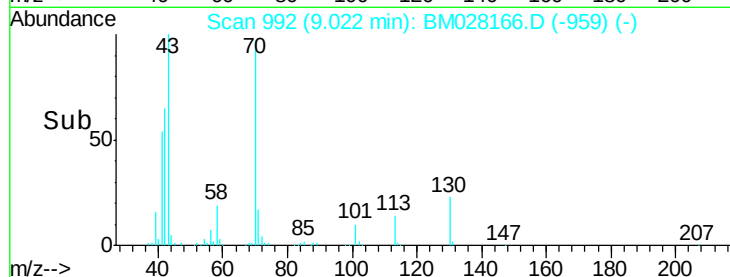
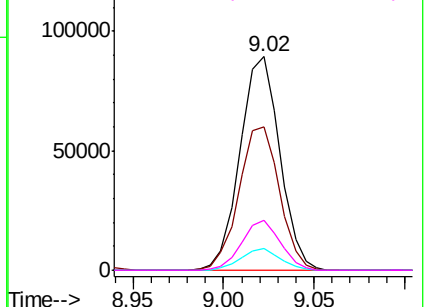


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 24.012 ng/ul

RT: 12.29 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BM028166.D

Acq: 18 Dec 2020 19:52

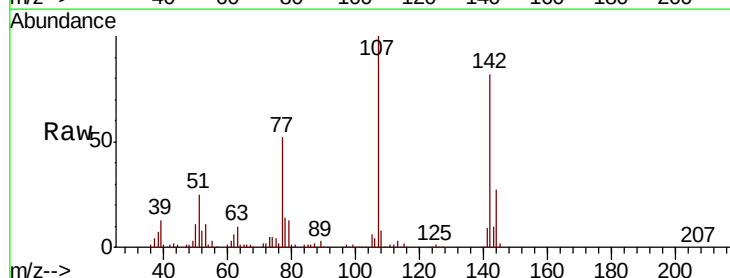
Tgt Ion: 107 Resp: 172794

Ion Ratio Lower Upper

107 100

144 27.0 21.8 32.8

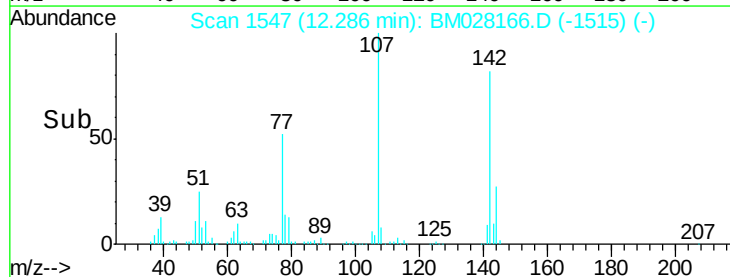
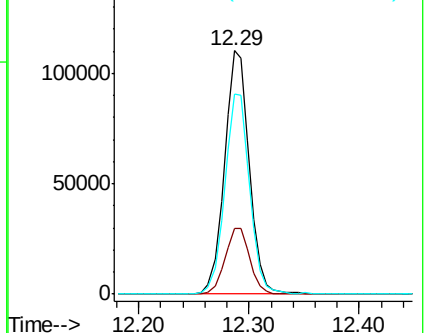
142 82.2 65.8 98.8

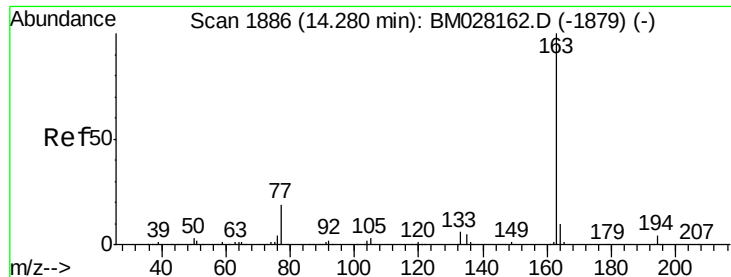


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 3.704 ng/ul

RT: 14.27 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BM028166.D

Acq: 18 Dec 2020 19:52

Instrument :

BNA_M

ClientSampleId :

A54G5MS

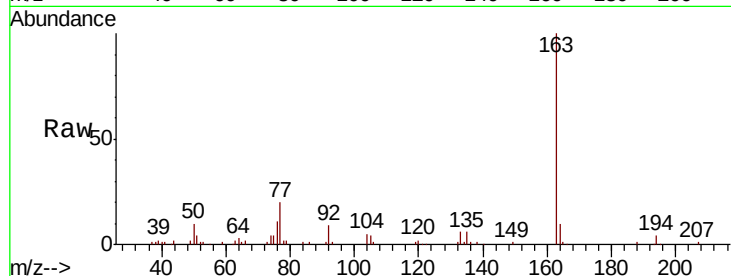
Tot Ion:163 Resp: 70078

Ion Ratio Lower Upper

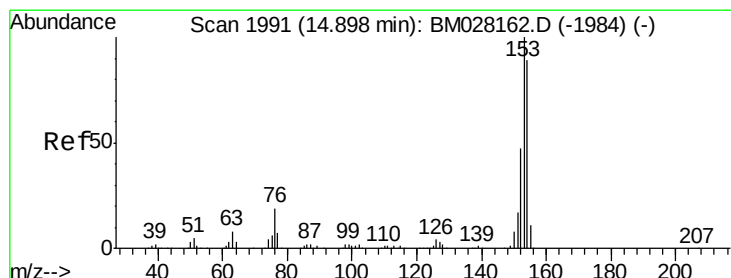
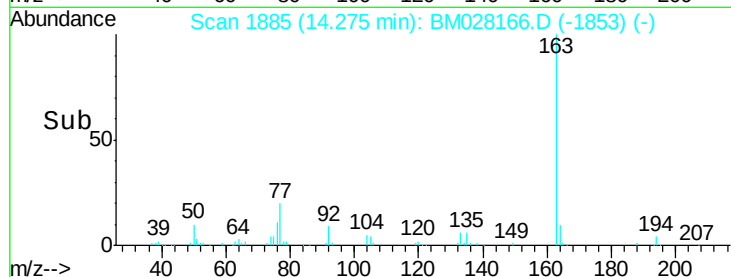
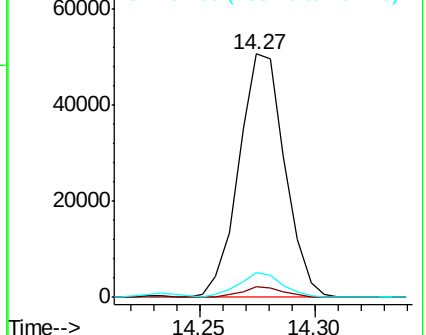
163 100

194 4.2 3.3 4.9

164 9.9 8.0 12.0



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: 24.364 ng/ul

RT: 14.90 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BM028166.D

Acq: 18 Dec 2020 19:52

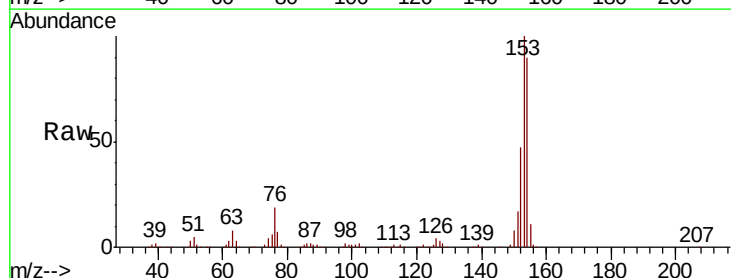
Tgt Ion:153 Resp: 411734

Ion Ratio Lower Upper

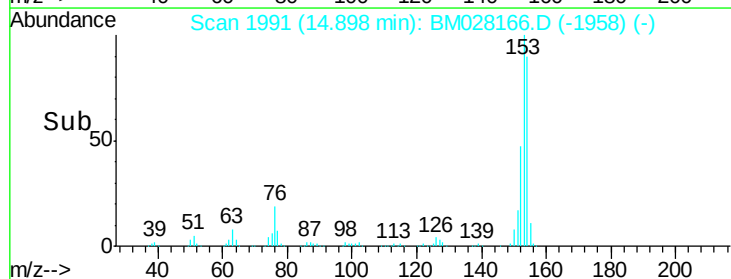
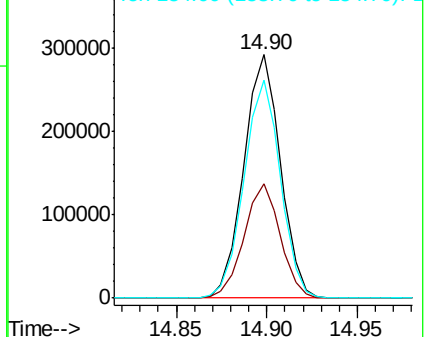
153 100

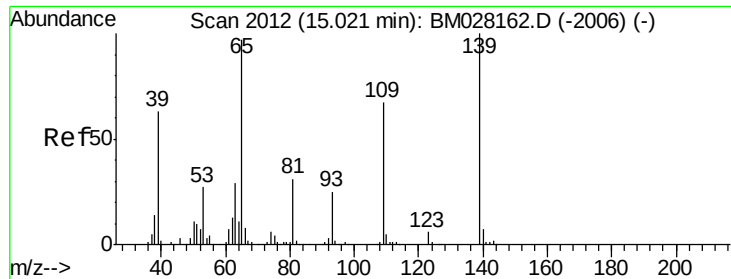
152 46.9 36.7 55.1

154 89.7 70.6 106.0



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

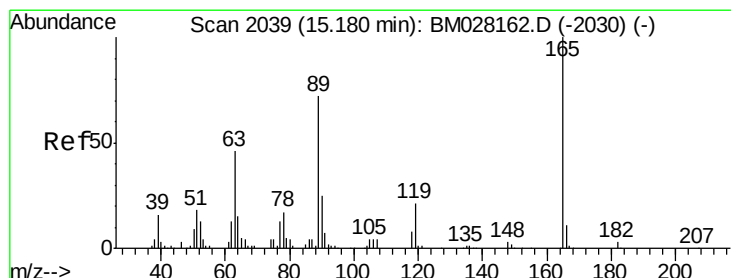
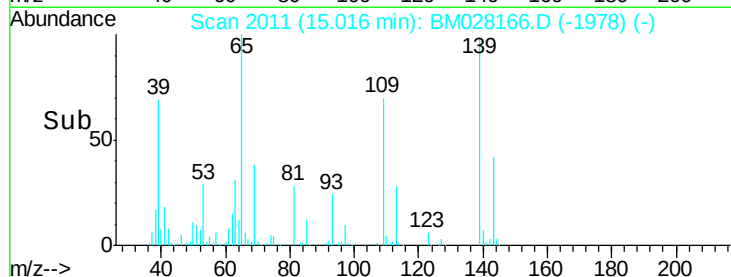
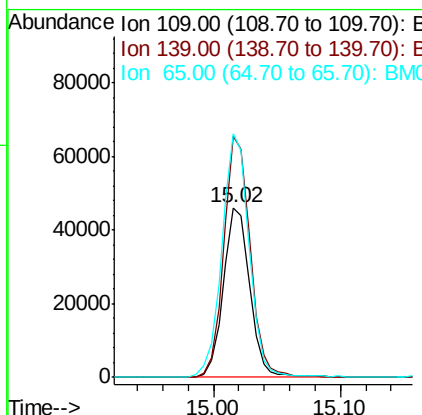
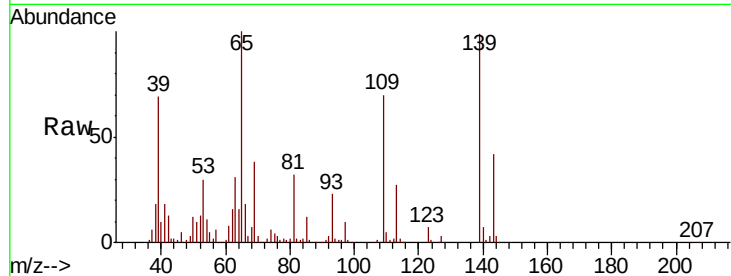




#53
4-Nitrophenol
Concen: 25.429 ng/ul
RT: 15.02 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM028166.D
Acq: 18 Dec 2020 19:52

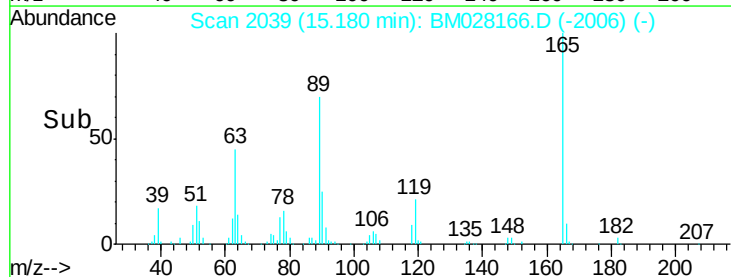
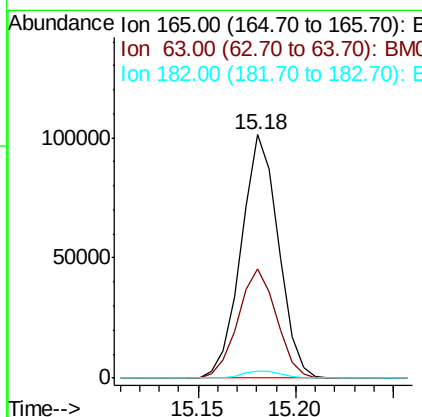
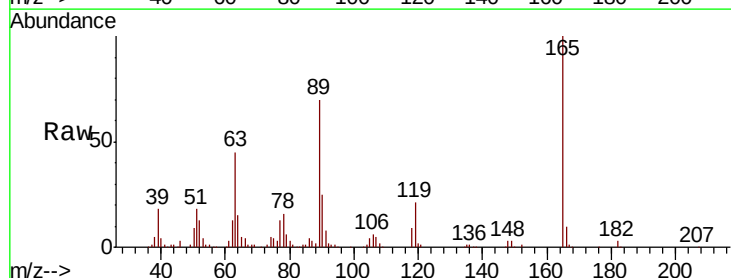
Instrument :
BNA_M
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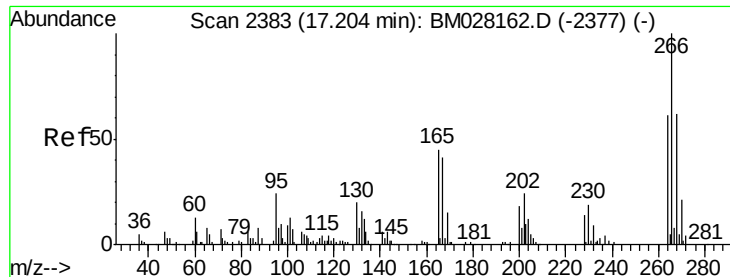
Tot Ion:109 Resp: 66618
Ion Ratio Lower Upper
109 100
139 141.9 108.6 162.8
65 143.5 111.9 167.9



#55
2,4-Dinitrotoluene
Concen: 25.972 ng/ul
RT: 15.18 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BM028166.D
Acq: 18 Dec 2020 19:52

Tgt Ion:165 Resp: 134504
Ion Ratio Lower Upper
165 100
63 45.0 39.5 59.3
182 3.0 2.3 3.5





#69

Pentachlorophenol

Concen: 25.086 ng/ul

RT: 17.20 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BM028166.D

Acq: 18 Dec 2020 19:52

Instrument :

BNA_M

ClientSampleId :

A54G5MS

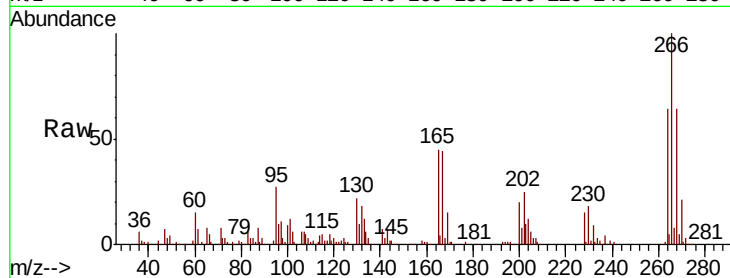
Tot Ion:266 Resp: 90255

Ion Ratio Lower Upper

266 100

264 64.0 48.4 72.6

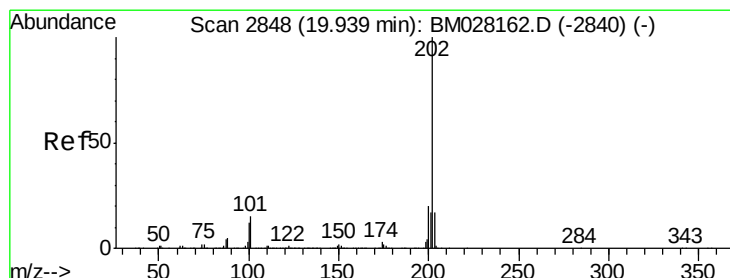
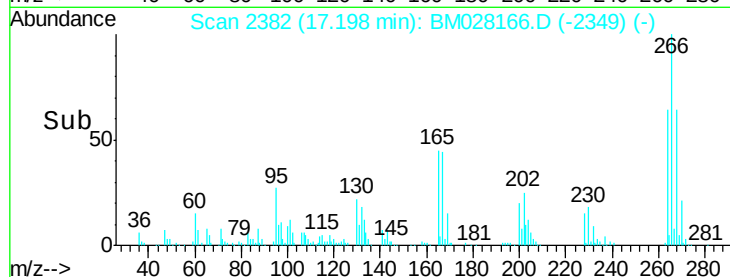
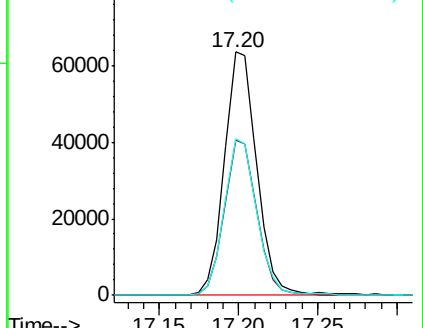
268 64.1 49.3 73.9



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: 24.322 ng/ul

RT: 19.94 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BM028166.D

Acq: 18 Dec 2020 19:52

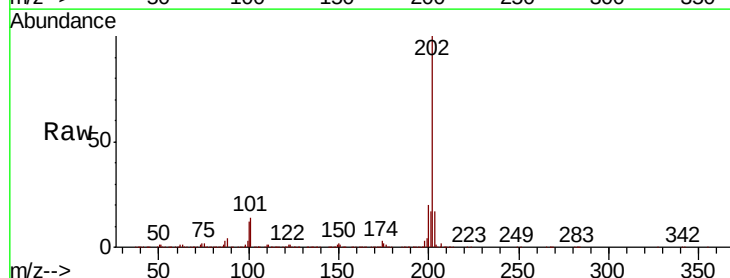
Tgt Ion:202 Resp: 878245

Ion Ratio Lower Upper

202 100

101 13.8 11.5 17.3

100 11.5 9.9 14.9



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

