

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
 Data File : BM028208.D
 Acq On : 21 Dec 2020 14:54
 Operator : JU/CG
 Sample : L5071-19MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54L1MS

Quant Time: Dec 21 15:31:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 12:18:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	122008	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	501617	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	276803	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	536094	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	468703	20.00	ng/ul	0.00
86) Perylene-d12	24.03	264	459735	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	8425	2.74	ng/uL	0.00
5) Phenol-d5	7.34	99	160092	15.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	109413	16.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	144543	16.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	125104	14.92	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	70101	17.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	65932	16.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	122925	15.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	82490	8.58	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	363751	17.06	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	480916	17.97	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	23137	5.97	ng/ul	0.00
58) Fluorene-d10	15.81	176	319545	16.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	32780	10.27	ng/ul	0.00
71) Anthracene-d10	17.64	188	448510	16.86	ng/ul	0.00
79) Pyrene-d10	19.90	212	489859	18.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.87	264	439660	17.36	ng/ul	0.00

Target Compounds

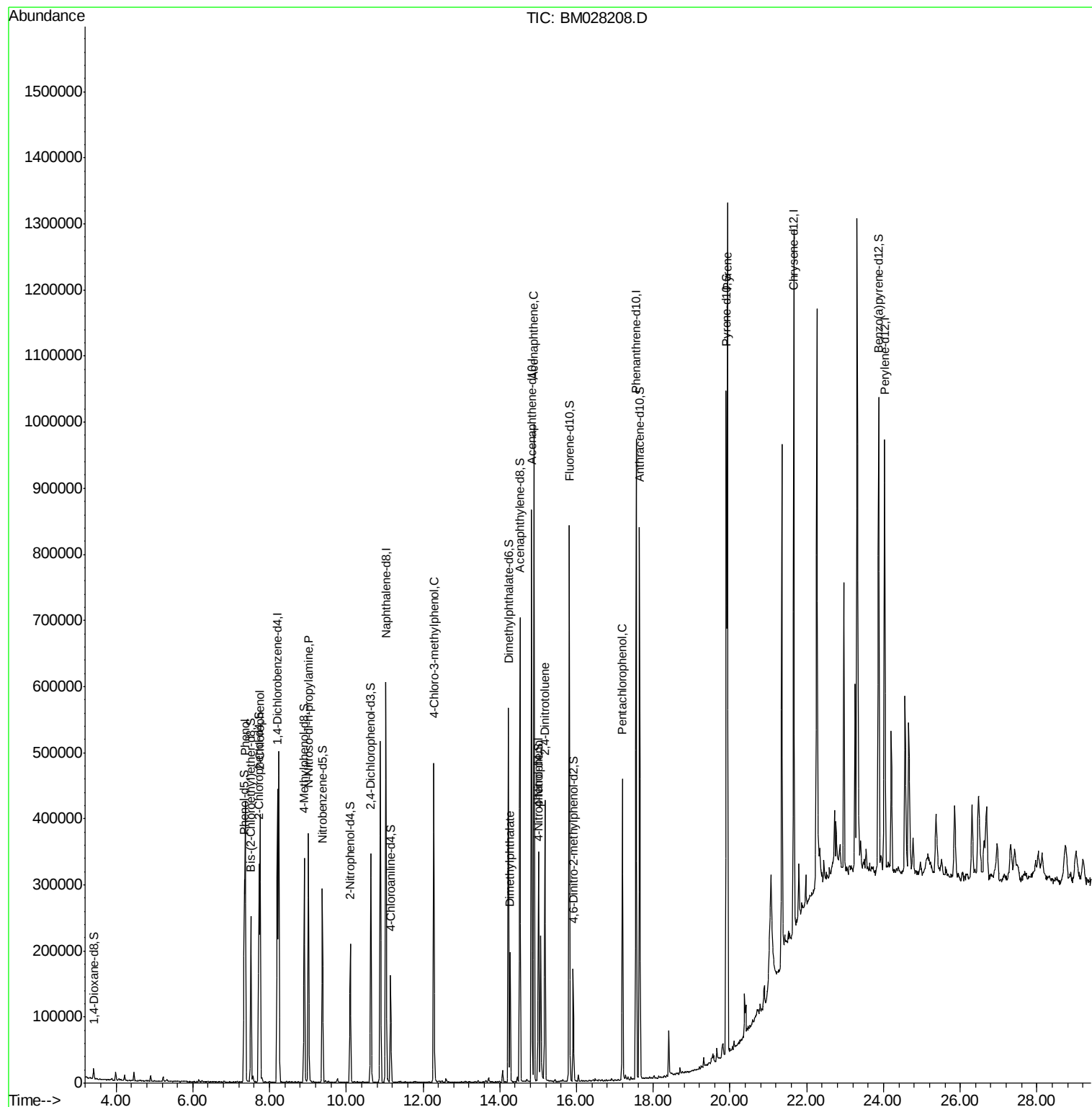
					Ovalue
6) Phenol	7.36	94	218728	21.290	ng/ul 97
10) 2-Chlorophenol	7.76	128	180597	20.415	ng/ul 99
15) N-Nitroso-di-n-propylamine	9.01	70	124904	19.738	ng/ul 93
33) 4-Chloro-3-methylphenol	12.28	107	157926	19.052	ng/ul 99
45) Dimethylphthalate	14.27	163	123877	5.685	ng/ul 99
50) Acenaphthene	14.89	153	376937	19.365	ng/ul 98
53) 4-Nitrophenol	15.01	109	49098	16.271	ng/ul 98
55) 2,4-Dinitrotoluene	15.17	165	115318	19.332	ng/ul 94
69) Pentachlorophenol	17.20	266	77066	19.461	ng/ul 98
80) Pyrene	19.93	202	708960	20.072	ng/ul 99

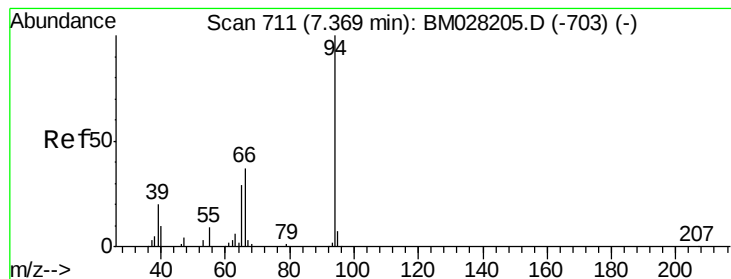
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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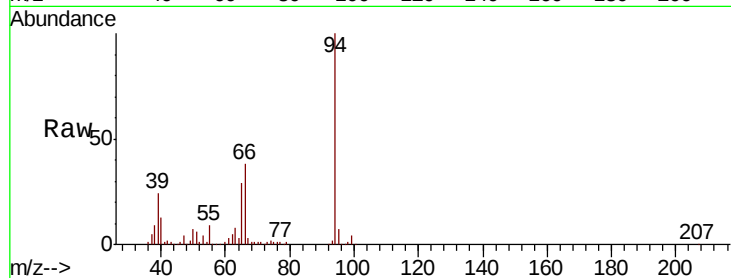
#6

Phenol

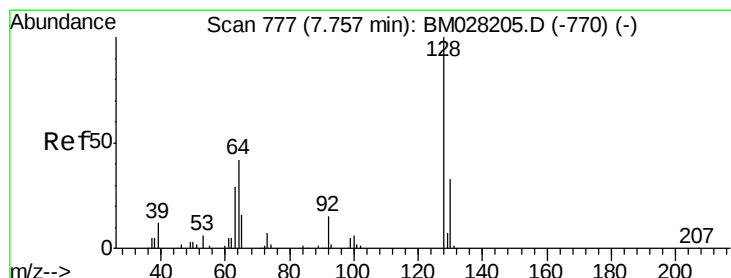
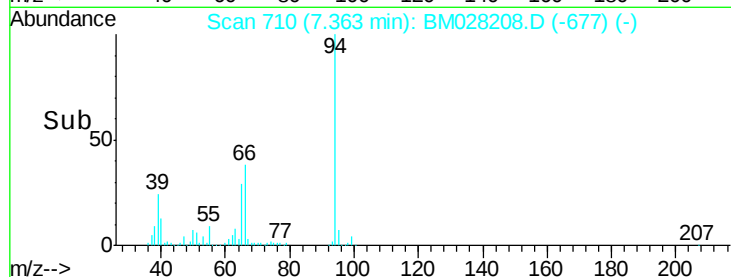
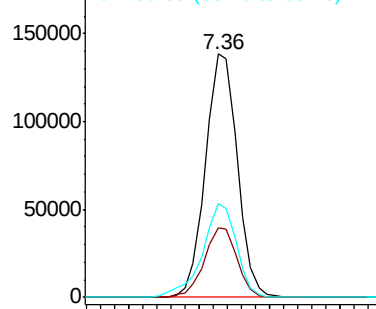
Concen: 21.290 ng/ul
 RT: 7.36 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BM028208.D
 Acq: 21 Dec 2020 14:54

Instrument :
 BNA_M
 ClientSampleId :
 A54L1MS

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.6	25.4	38.0
66	38.4	31.5	47.3



Abundance Ion 94.00 (93.70 to 94.70): BM028208.D (-711) (-)

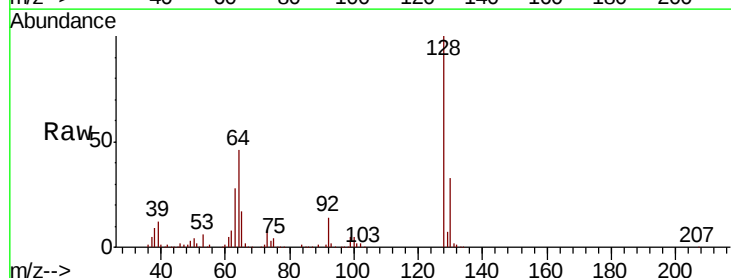


#10

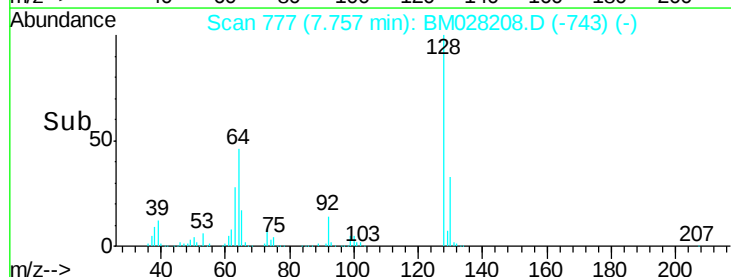
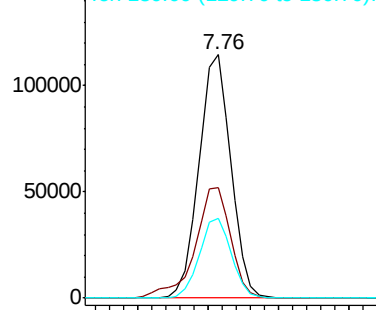
2-Chlorophenol

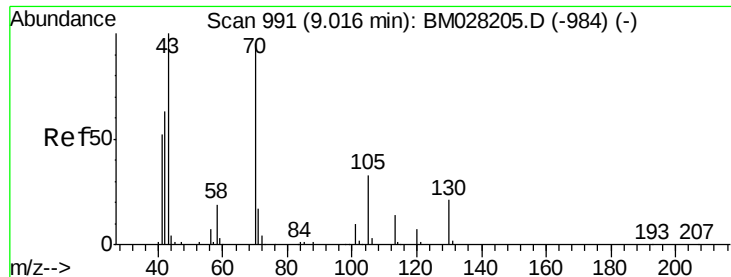
Concen: 20.415 ng/ul
 RT: 7.76 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BM028208.D
 Acq: 21 Dec 2020 14:54

Tgt Ion	Ratio	Lower	Upper
128	100		
64	45.6	37.4	56.0
130	32.6	25.8	38.6



Abundance Ion 128.00 (127.70 to 128.70): BM028208.D (-777) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 19.738 ng/ul

RT: 9.01 min Scan# 990

Delta R.T. -0.01 min

Lab File: BM028208.D

Acq: 21 Dec 2020 14:54

Instrument :

BNA_M

ClientSampleId :

A54L1MS

Tot Ion: 70 Resp: 124904

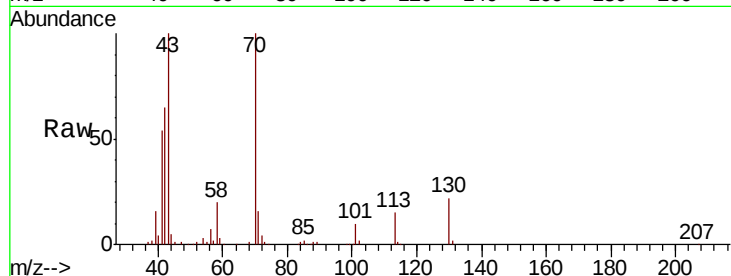
Ion Ratio Lower Upper

70 100

42 65.3 59.4 89.2

101 10.1 8.1 12.1

130 22.0 17.5 26.3

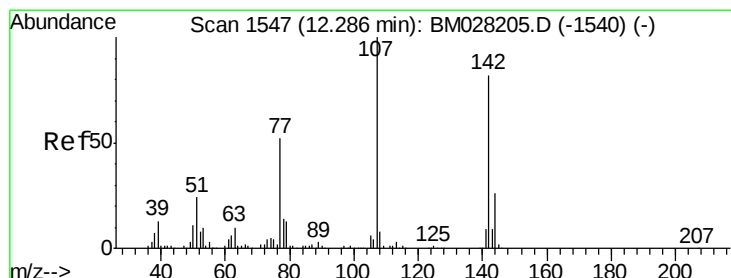
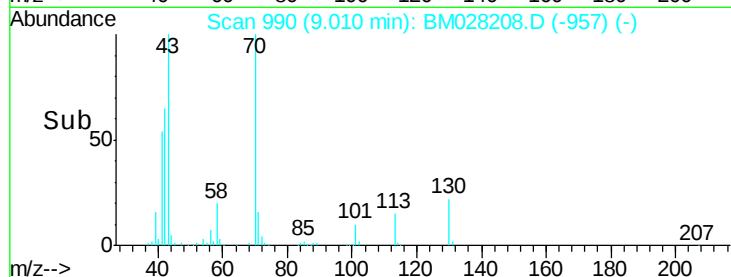
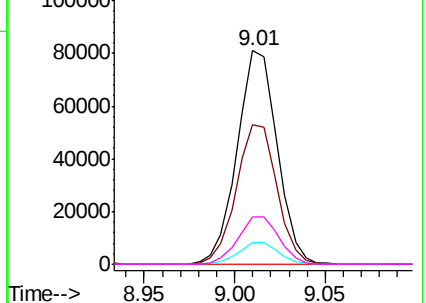


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 19.052 ng/ul

RT: 12.28 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BM028208.D

Acq: 21 Dec 2020 14:54

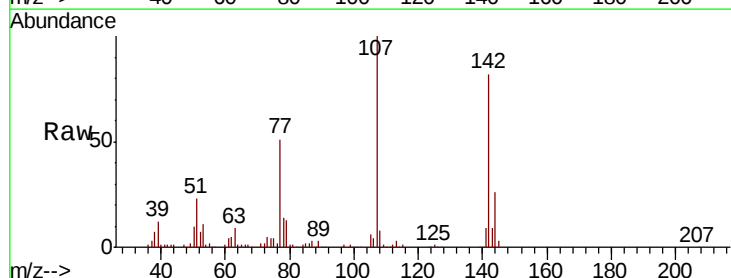
Tgt Ion:107 Resp: 157926

Ion Ratio Lower Upper

107 100

144 26.5 21.8 32.8

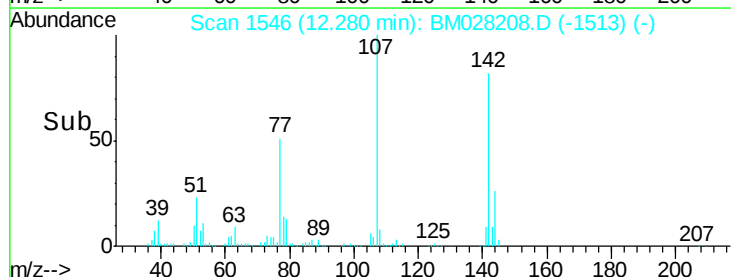
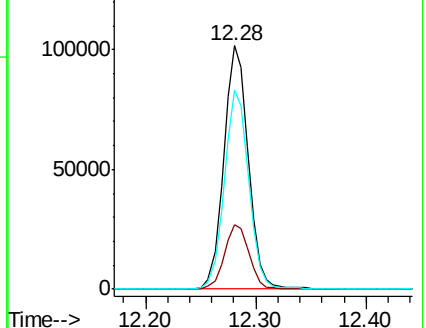
142 81.9 65.8 98.8

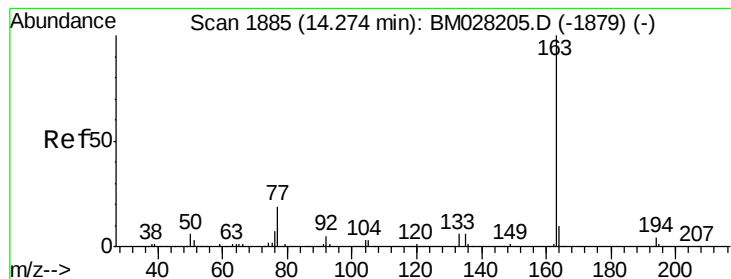


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 5.685 ng/ul

RT: 14.27 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BM028208.D

Acq: 21 Dec 2020 14:54

Instrument :

BNA_M

ClientSampleId :

A54L1MS

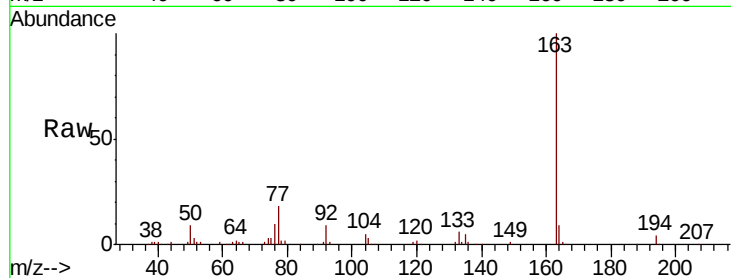
Tot Ion:163 Resp: 123877

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

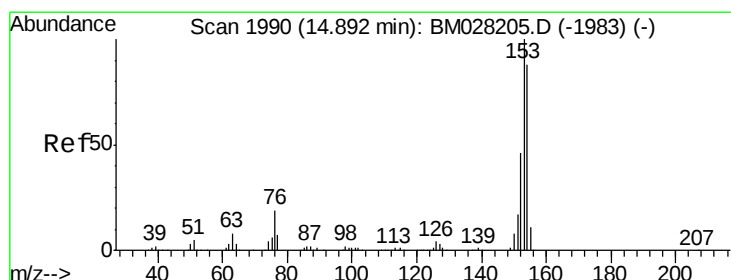
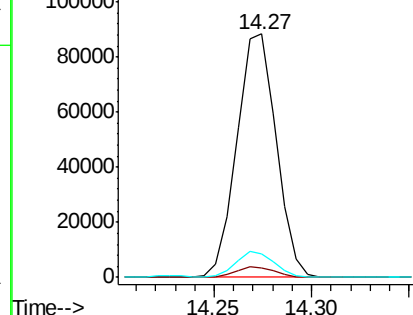
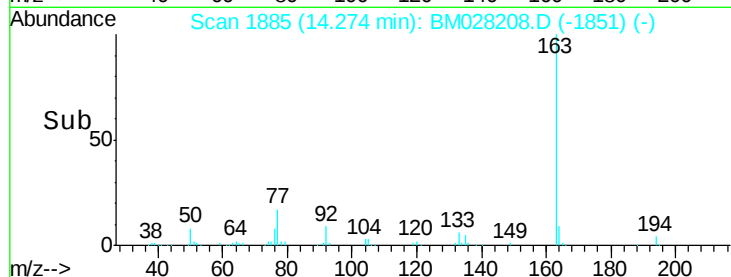
164 9.5 8.0 12.0



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: 19.365 ng/ul

RT: 14.89 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BM028208.D

Acq: 21 Dec 2020 14:54

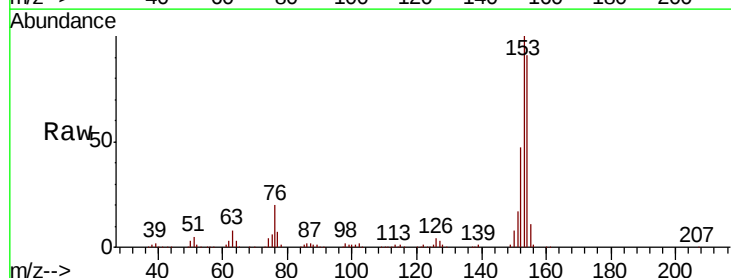
Tgt Ion:153 Resp: 376937

Ion Ratio Lower Upper

153 100

152 46.8 36.7 55.1

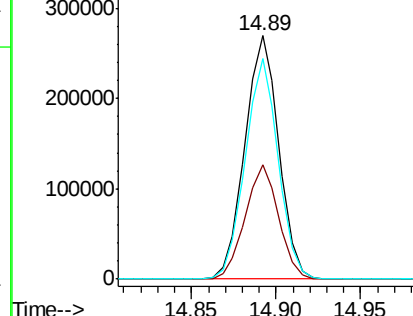
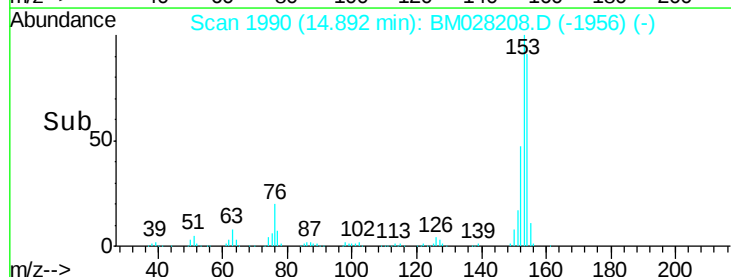
154 90.8 70.6 106.0

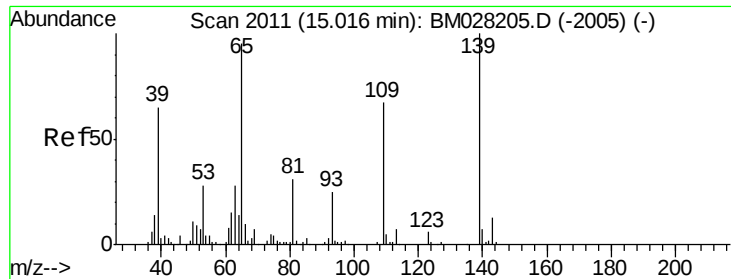


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

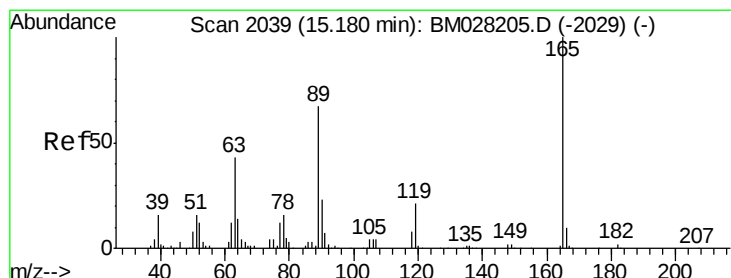
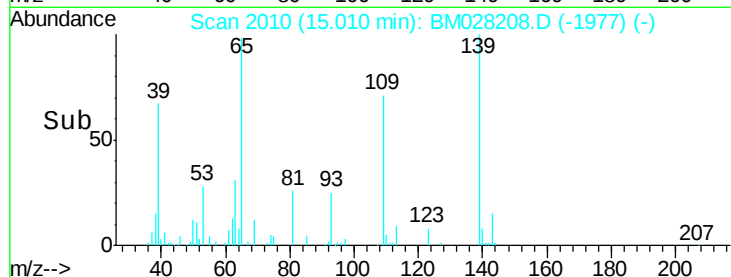
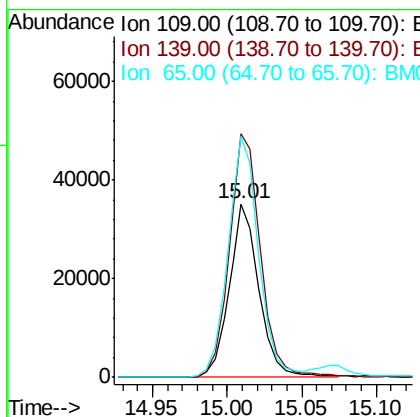
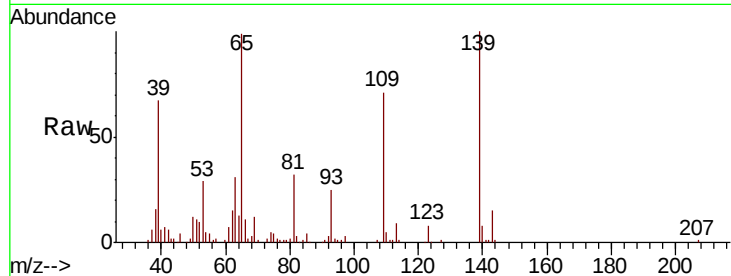




#53
4-Nitrophenol
Concen: 16.271 ng/ul
RT: 15.01 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM028208.D
Acq: 21 Dec 2020 14:54

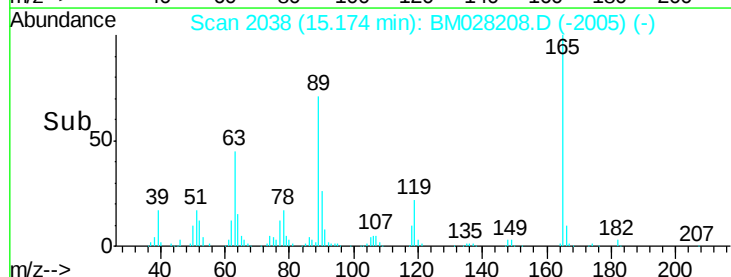
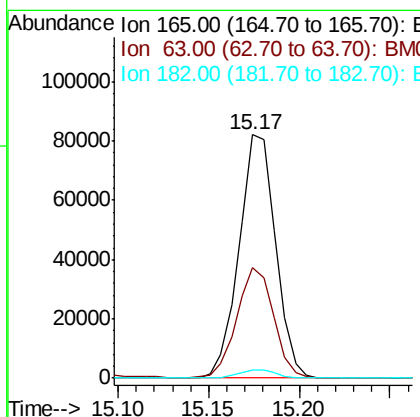
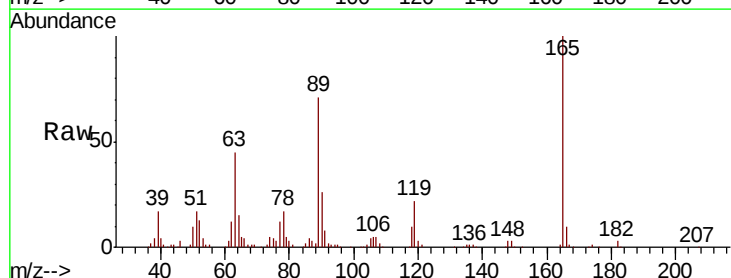
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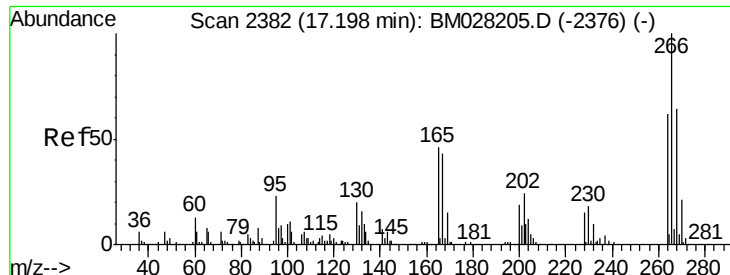
Tot Ion:109 Resp: 49098
Ion Ratio Lower Upper
109 100
139 140.3 108.6 162.8
65 138.6 111.9 167.9



#55
2,4-Dinitrotoluene
Concen: 19.332 ng/ul
RT: 15.17 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BM028208.D
Acq: 21 Dec 2020 14:54

Tgt Ion:165 Resp: 115318
Ion Ratio Lower Upper
165 100
63 45.2 39.5 59.3
182 3.5 2.3 3.5





#69

Pentachlorophenol

Concen: 19.461 ng/ul

RT: 17.20 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BM028208.D

Acq: 21 Dec 2020 14:54

Instrument :

BNA_M

ClientSampleId :

A54L1MS

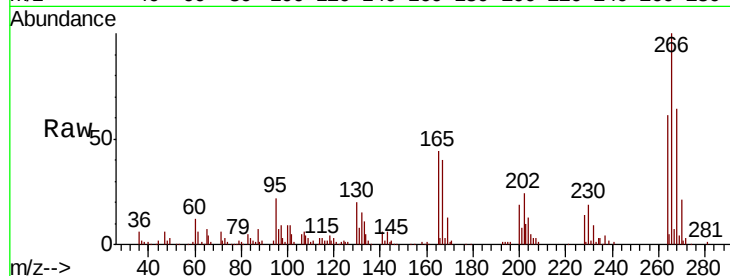
Tot Ion:266 Resp: 77066

Ion Ratio Lower Upper

266 100

264 60.6 48.4 72.6

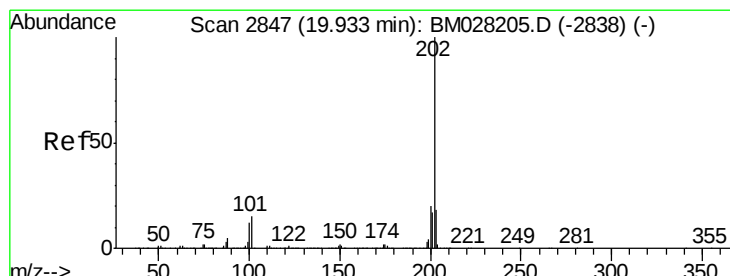
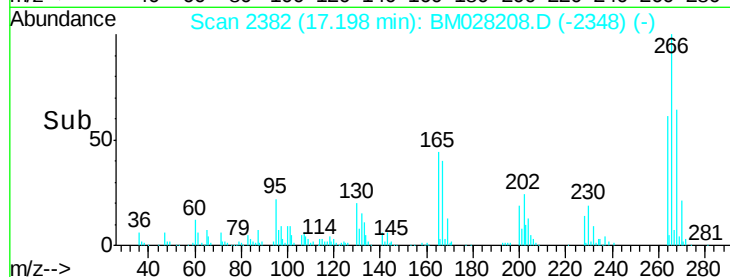
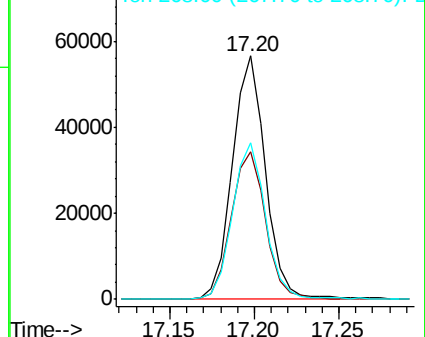
268 64.1 49.3 73.9



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: 20.072 ng/ul

RT: 19.93 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BM028208.D

Acq: 21 Dec 2020 14:54

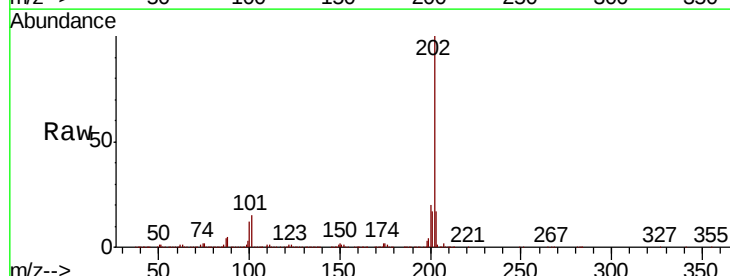
Tgt Ion:202 Resp: 708960

Ion Ratio Lower Upper

202 100

101 14.6 11.5 17.3

100 12.1 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

