

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
 Data File : BM028209.D
 Acq On : 21 Dec 2020 15:31
 Operator : JU/CG
 Sample : L5071-20MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54L1MSD

Quant Time: Dec 21 16:11:28 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	114161	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	457320	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	244682	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	474006	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	427414	20.00	ng/ul	0.00
86) Perylene-d12	24.03	264	441873	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	8294	2.89	ng/uL	0.00
5) Phenol-d5	7.34	99	147106	15.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	100213	16.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	133163	16.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	113919	14.52	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	63074	17.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	59827	16.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	110667	14.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	75267	8.59	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	320869	17.02	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	428989	18.14	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	20700	6.04	ng/ul	0.00
58) Fluorene-d10	15.81	176	282643	16.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	28363	10.05	ng/ul	0.00
71) Anthracene-d10	17.64	188	397463	16.90	ng/ul	0.00
79) Pyrene-d10	19.90	212	434928	18.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.87	264	427274	17.56	ng/ul	0.00

Target Compounds

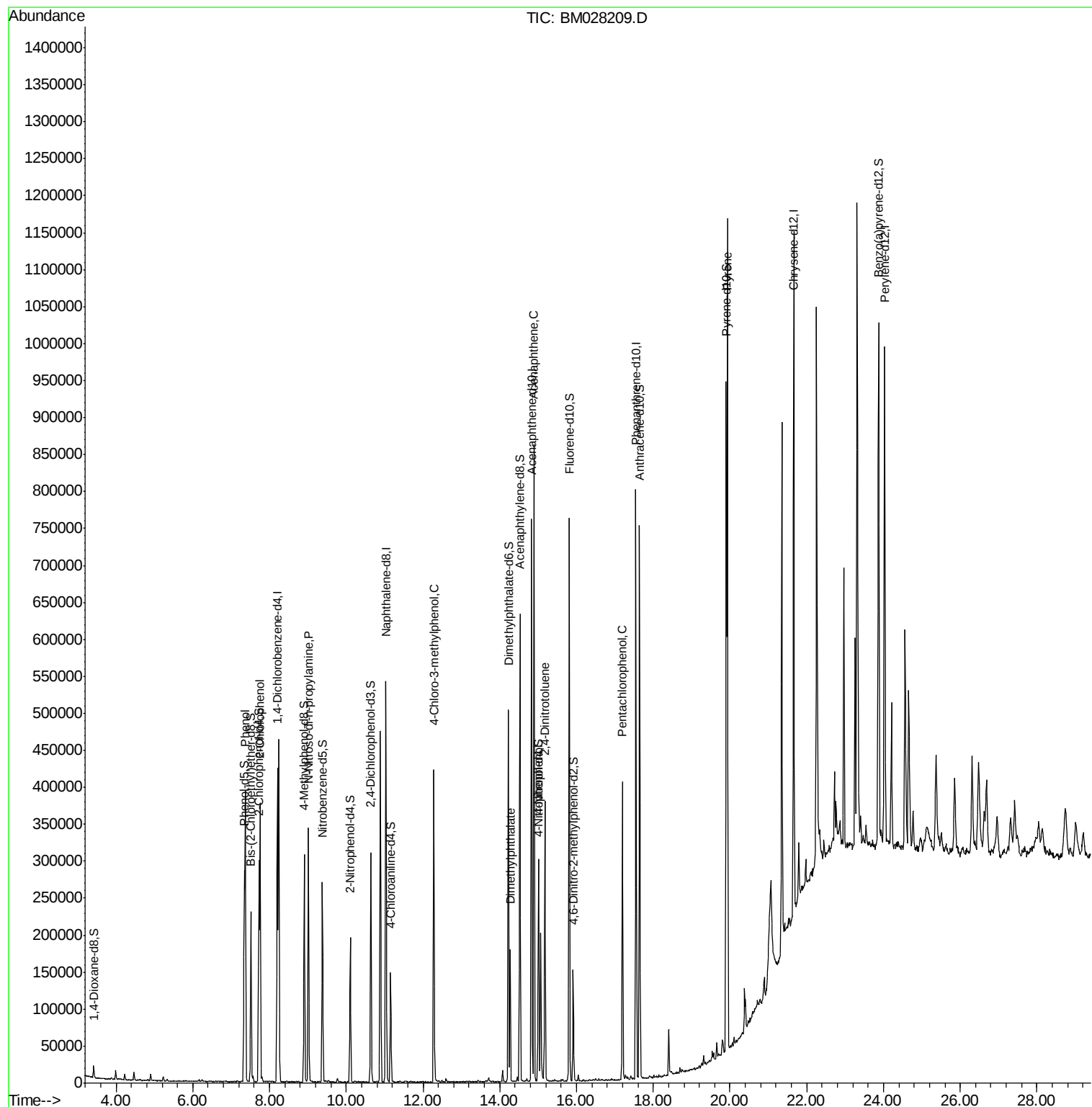
					Ovalue
6) Phenol	7.37	94	202222	21.037	ng/ul 96
10) 2-Chlorophenol	7.76	128	165916	20.045	ng/ul 98
15) N-Nitroso-di-n-propylamine	9.01	70	112195	18.949	ng/ul 94
33) 4-Chloro-3-methylphenol	12.28	107	140579	18.602	ng/ul 99
45) Dimethylphthalate	14.27	163	111008	5.763	ng/ul 99
50) Acenaphthene	14.89	153	335246	19.484	ng/ul 99
53) 4-Nitrophenol	15.01	109	43299	16.233	ng/ul 97
55) 2,4-Dinitrotoluene	15.17	165	102831	19.502	ng/ul 95
69) Pentachlorophenol	17.20	266	68329	19.515	ng/ul 99
80) Pyrene	19.93	202	634975	19.714	ng/ul 99

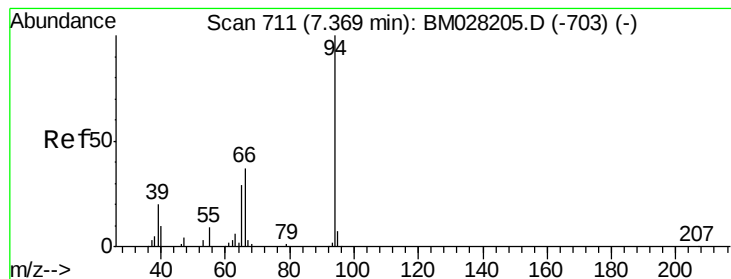
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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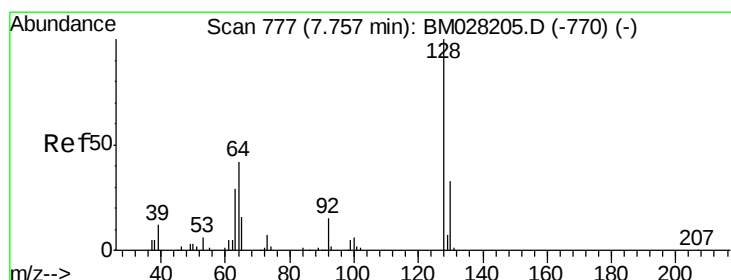
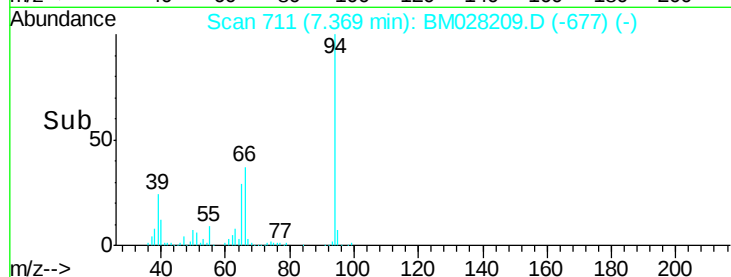
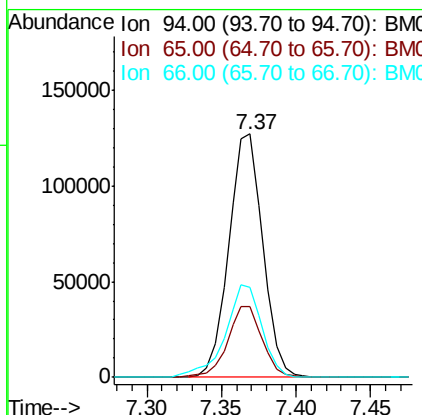
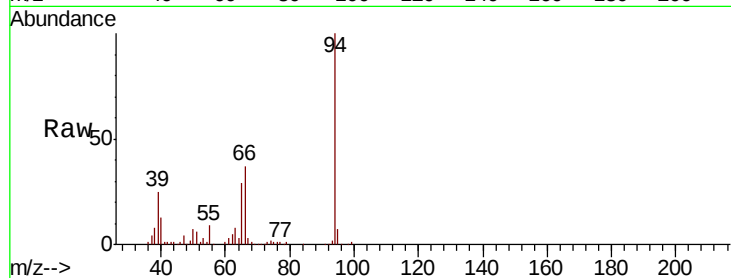
#6

Phenol

Concen: 21.037 ng/ul
 RT: 7.37 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BM028209.D
 Acq: 21 Dec 2020 15:31

Instrument :
 BNA_M
 ClientSampleId :
 A54L1MSD

Tot Ion	94	Resp	202222
Ion Ratio	Lower	Upper	
94	100		
65	29.0	25.4	38.0
66	37.2	31.5	47.3

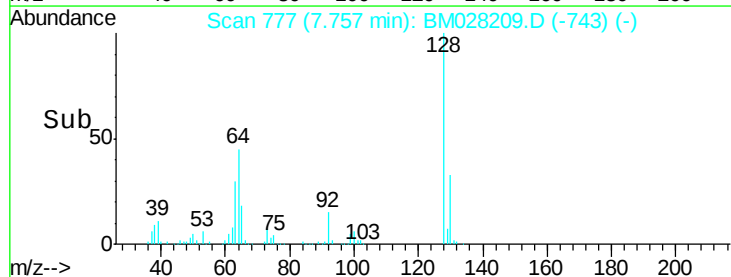
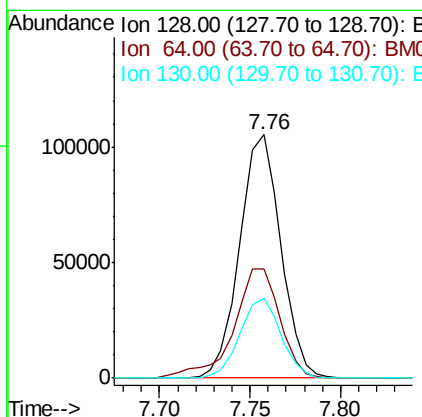
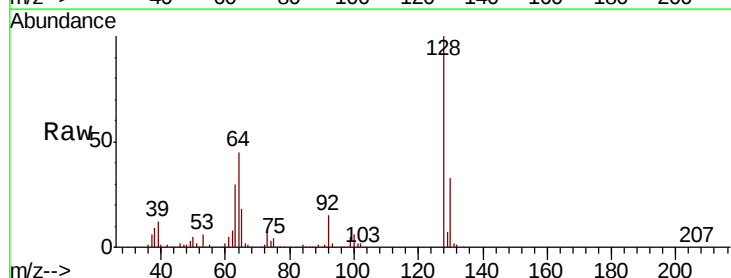


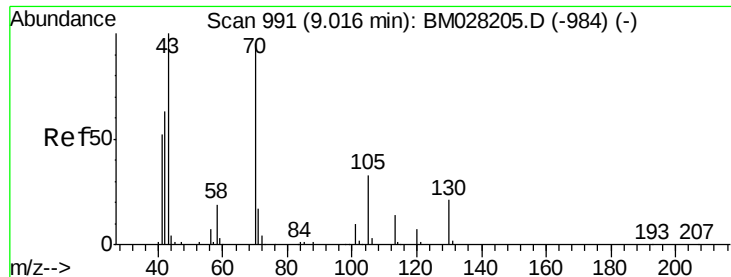
#10

2-Chlorophenol

Concen: 20.045 ng/ul
 RT: 7.76 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BM028209.D
 Acq: 21 Dec 2020 15:31

Tgt Ion	128	Resp	165916
Ion Ratio	Lower	Upper	
128	100		
64	44.7	37.4	56.0
130	33.0	25.8	38.6

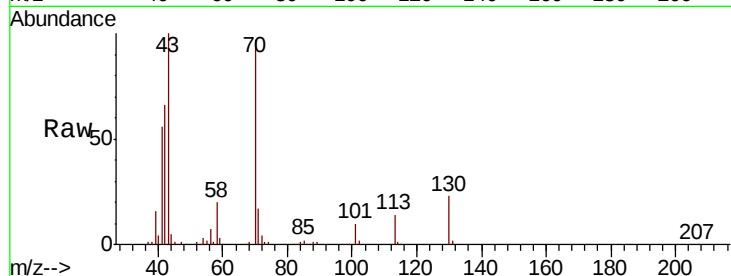




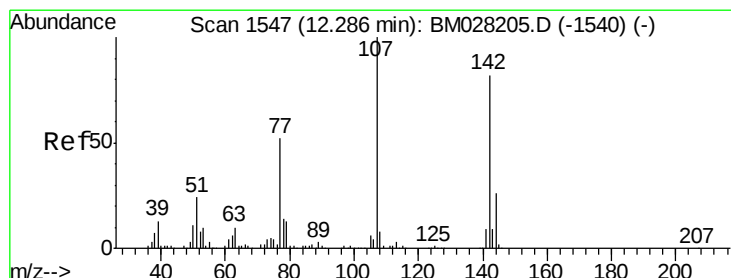
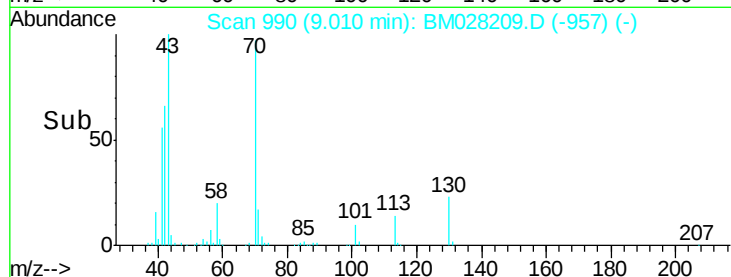
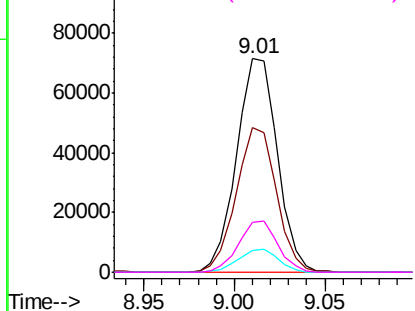
#15
N-Nitroso-di-n-propylamine
Concen: 18.949 ng/ul
RT: 9.01 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM028209.D
Acq: 21 Dec 2020 15:31

Instrument :
BNA_M
ClientSampleId :
A54L1MSD

Tot Ion: 70 Resp: 112195
Ion Ratio Lower Upper
70 100
42 67.8 59.4 89.2
101 10.4 8.1 12.1
130 23.3 17.5 26.3

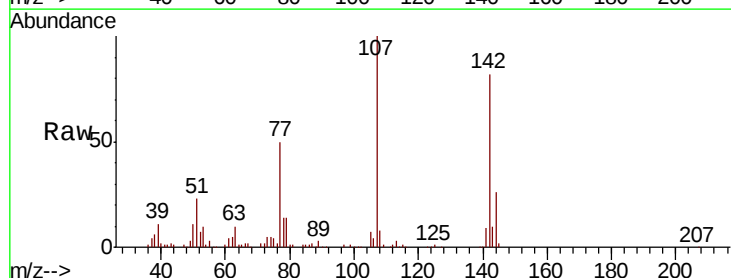


Abundance Ion 70.00 (69.70 to 70.70): BM028209.D (-957) (-)
Ion 42.00 (41.70 to 42.70): BM028209.D (-957) (-)
Ion 101.00 (100.70 to 101.70): BM028209.D (-957) (-)
Ion 130.00 (129.70 to 130.70): BM028209.D (-957) (-)

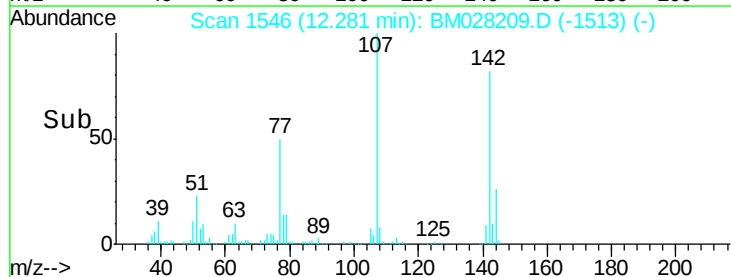
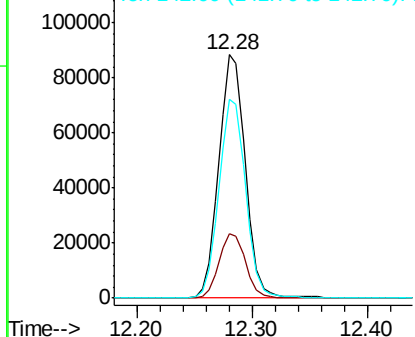


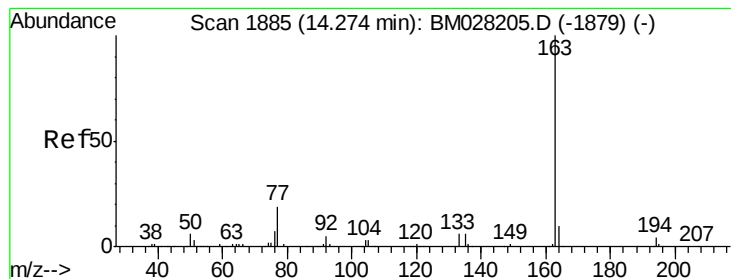
#33
4-Chloro-3-methylphenol
Concen: 18.602 ng/ul
RT: 12.28 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BM028209.D
Acq: 21 Dec 2020 15:31

Tgt Ion:107 Resp: 140579
Ion Ratio Lower Upper
107 100
144 26.4 21.8 32.8
142 81.5 65.8 98.8



Abundance Ion 107.00 (106.70 to 107.70): BM028209.D (-1513) (-)
Ion 144.00 (143.70 to 144.70): BM028209.D (-1513) (-)
Ion 142.00 (141.70 to 142.70): BM028209.D (-1513) (-)





#45

Dimethylphthalate

Concen: 5.763 ng/ul

RT: 14.27 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BM028209.D

Acq: 21 Dec 2020 15:31

Instrument :

BNA_M

ClientSampleId :

A54L1MSD

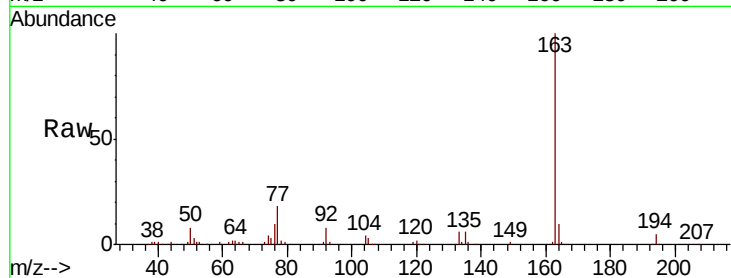
Tot Ion:163 Resp: 111008

Ion Ratio Lower Upper

163 100

194 4.7 3.3 4.9

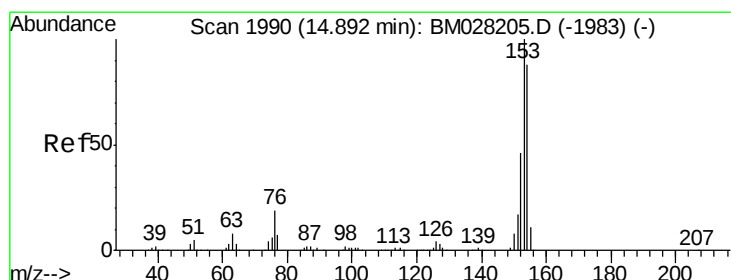
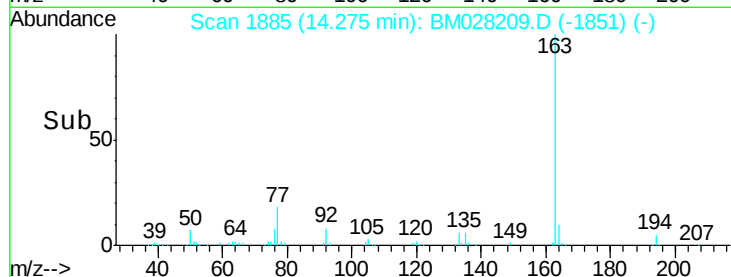
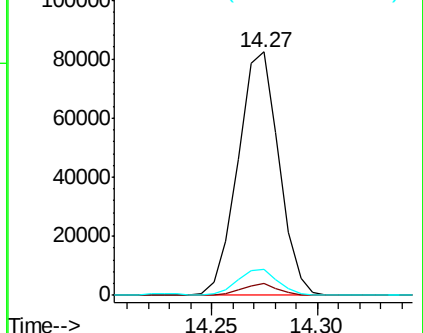
164 10.4 8.0 12.0



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: 19.484 ng/ul

RT: 14.89 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BM028209.D

Acq: 21 Dec 2020 15:31

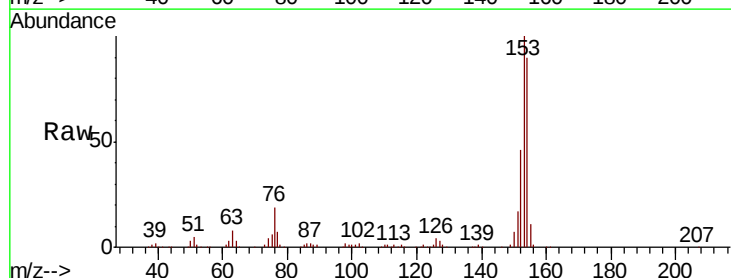
Tgt Ion:153 Resp: 335246

Ion Ratio Lower Upper

153 100

152 46.3 36.7 55.1

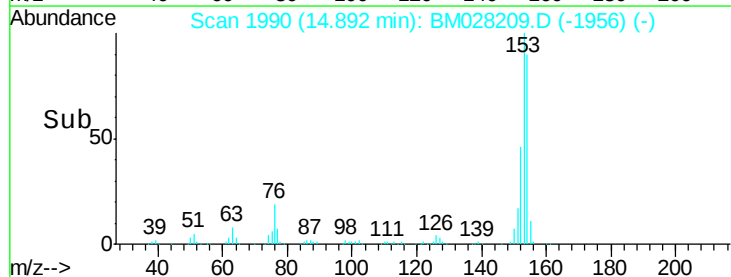
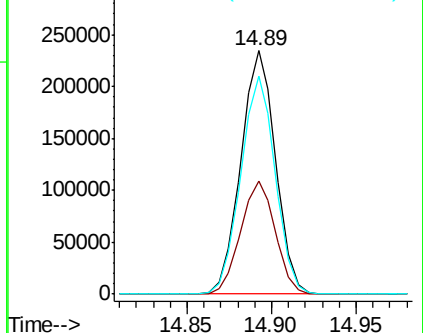
154 89.7 70.6 106.0

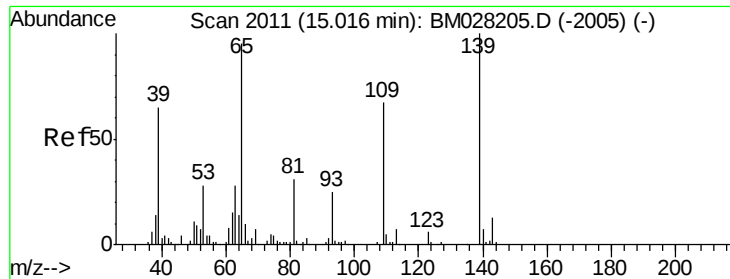


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

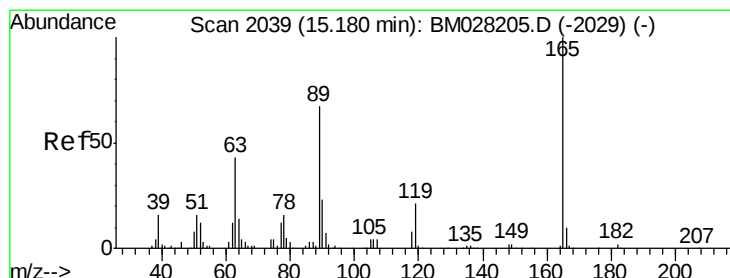
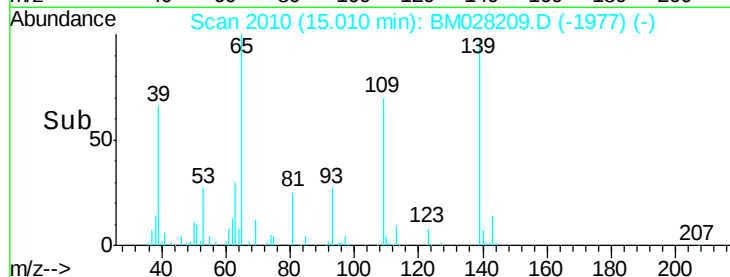
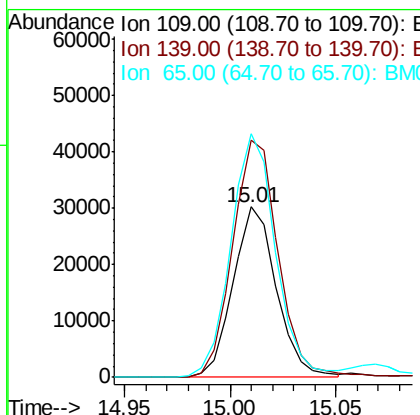
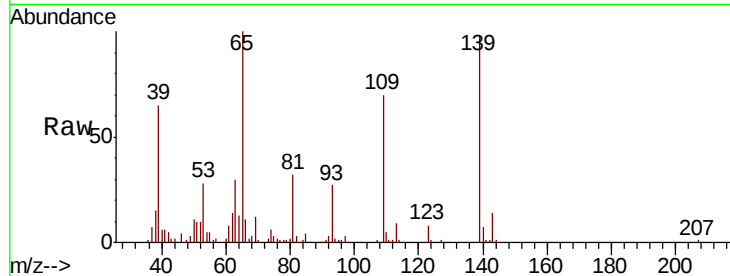




#53
4-Nitrophenol
Concen: 16.233 ng/ul
RT: 15.01 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM028209.D
Acq: 21 Dec 2020 15:31

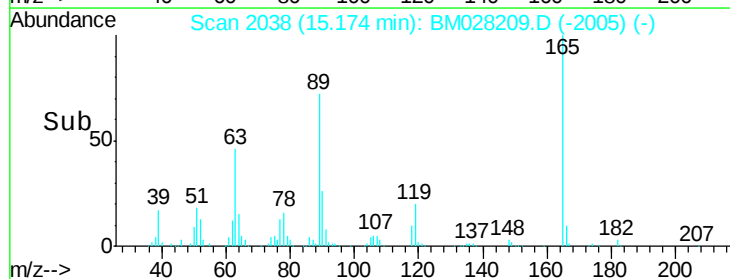
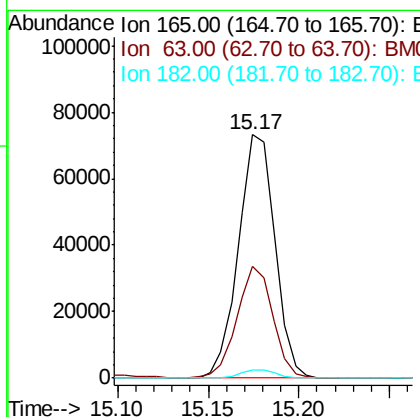
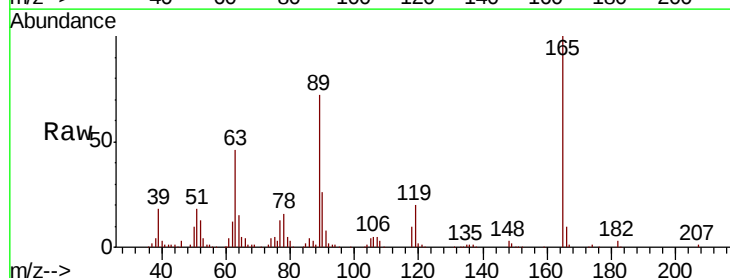
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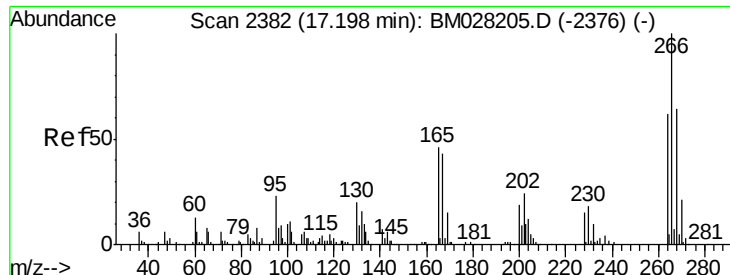
Tot Ion	Ratio	Lower	Upper
109	100		
139	139.5	108.6	162.8
65	142.9	111.9	167.9



#55
2,4-Dinitrotoluene
Concen: 19.502 ng/ul
RT: 15.17 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BM028209.D
Acq: 21 Dec 2020 15:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.0	39.5	59.3
182	3.2	2.3	3.5

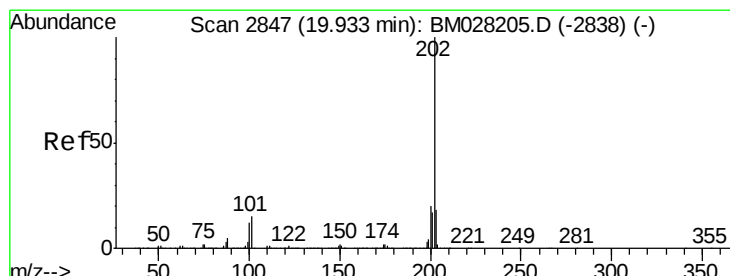
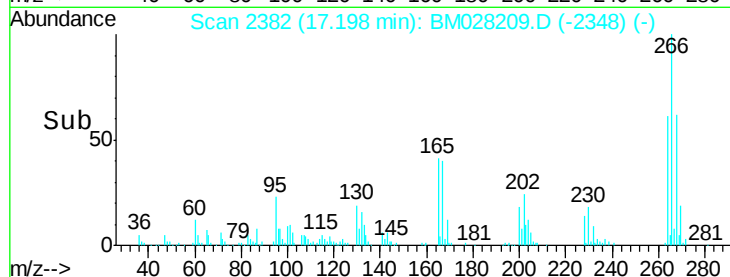
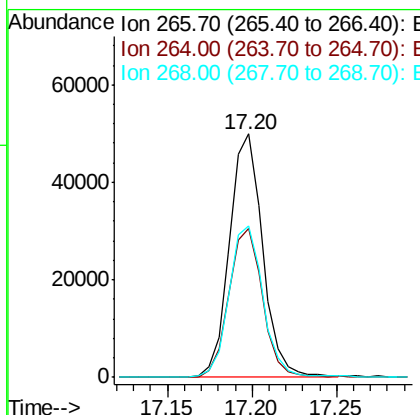
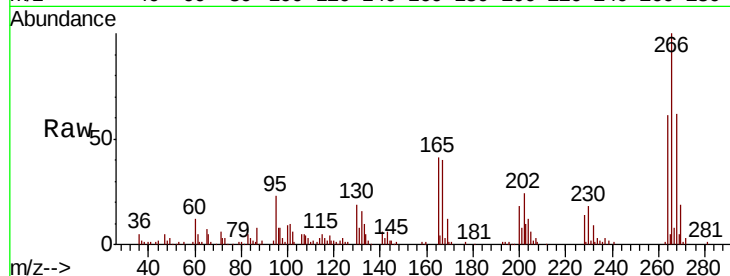




#69
 Pentachlorophenol
 Concen: 19.515 ng/ul
 RT: 17.20 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: BM028209.D
 Acq: 21 Dec 2020 15:31

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Tot Ion	Ratio	Lower	Upper
266	100		
264	61.0	48.4	72.6
268	62.4	49.3	73.9



#80
 Pyrene
 Concen: 19.714 ng/ul
 RT: 19.93 min Scan# 2847
 Delta R.T. 0.00 min
 Lab File: BM028209.D
 Acq: 21 Dec 2020 15:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.5	17.3
100	12.3	9.9	14.9

