

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022121\
 Data File : BM028853.D
 Acq On : 20 Feb 2021 21:23
 Operator : CG/JU
 Sample : M1415-23MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBH10MSD

Quant Time: Feb 22 01:29:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 22 00:39:12 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	22412	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	96677	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	57770	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	115613	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	80832	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	68317	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	1696	3.60	ng/uL	0.00
5) Phenol-d5	7.02	99	38459	22.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	22294	23.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	33821	23.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	31318	21.86	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	16123	23.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	18516	23.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	34028	23.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	38435	21.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	102704	24.66	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	130353	24.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.73	143	15453	21.43	ng/ul	0.00
58) Fluorene-d10	15.48	176	87332	24.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.63	200	13134	18.57	ng/ul	0.00
71) Anthracene-d10	17.33	188	129975	24.68	ng/ul	0.00
79) Pyrene-d10	19.62	212	124583	30.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.47	264	88136	25.03	ng/ul	0.00

Target Compounds

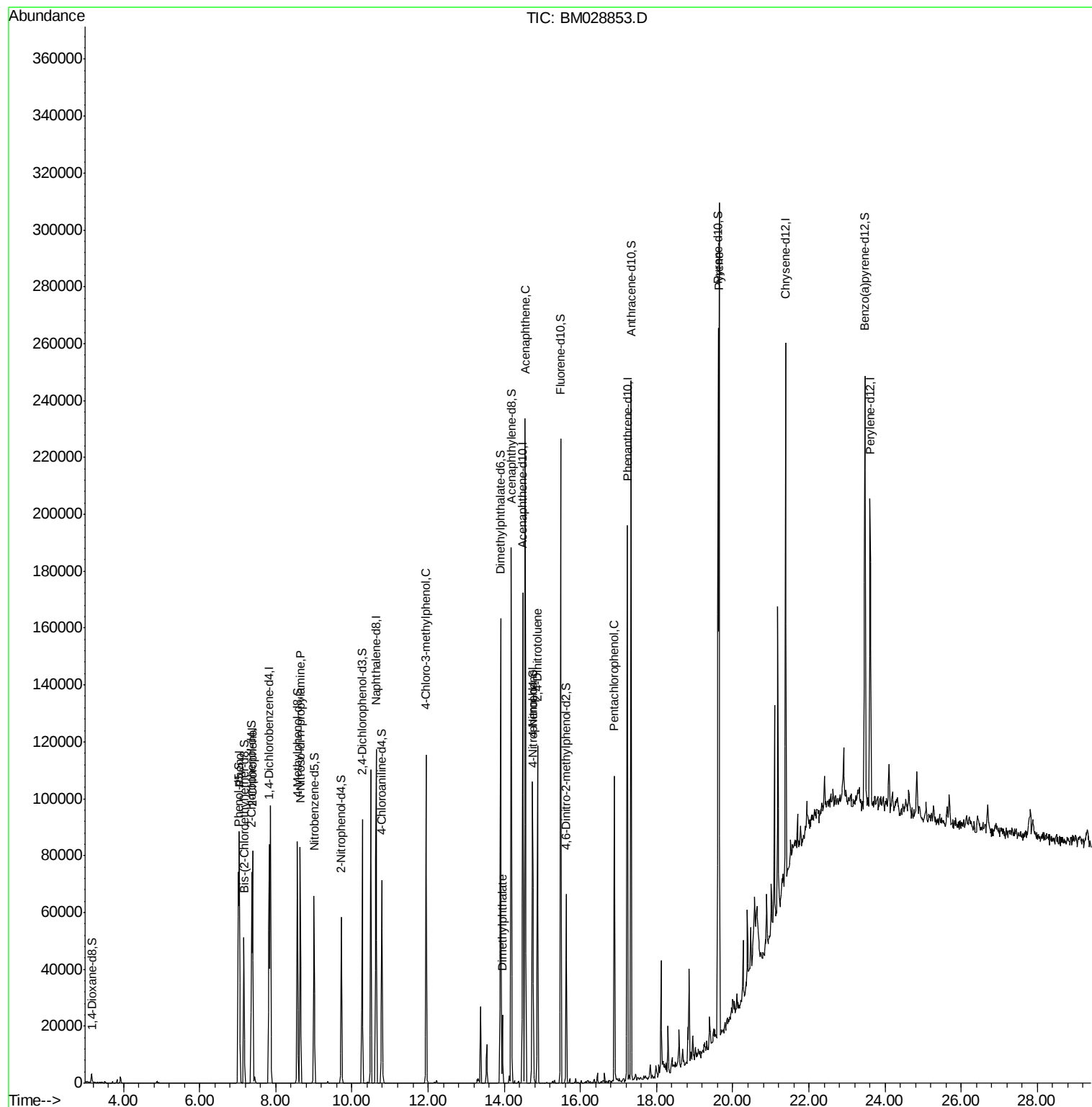
					Ovalue
6) Phenol	7.05	94	45290	25.701	ng/ul 99
10) 2-Chlorophenol	7.39	128	36258	23.839	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.65	70	26370	25.093	ng/ul 98
33) 4-Chloro-3-methylphenol	11.94	107	38671	25.265	ng/ul 99
45) Dimethylphthalate	13.95	163	15811	3.682	ng/ul 99
50) Acenaphthene	14.55	153	92314	25.102	ng/ul 97
53) 4-Nitrophenol	14.75	109	14269	24.174	ng/ul 94
55) 2,4-Dinitrotoluene	14.87	165	32884	26.417	ng/ul 90
69) Pentachlorophenol	16.89	266	18581	25.475	ng/ul 99
80) Pyrene	19.64	202	167022	30.669	ng/ul 99

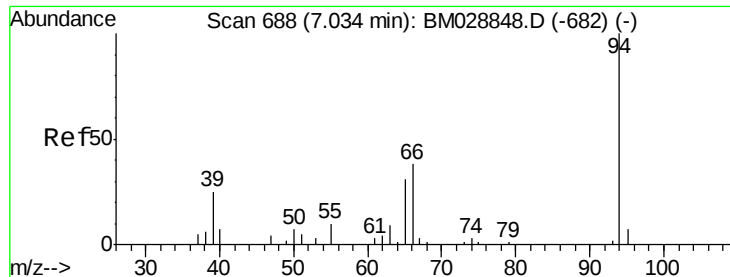
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 00:39:12 2021
Response via : Initial Calibration





#6

Phenol

Concen: 25.701 ng/ul

RT: 7.05 min Scan# 690

Delta R.T. 0.01 min

Lab File: BM028853.D

Acq: 20 Feb 2021 21:23

Instrument :

BNA_M

ClientSampleId :

DBH10MSD

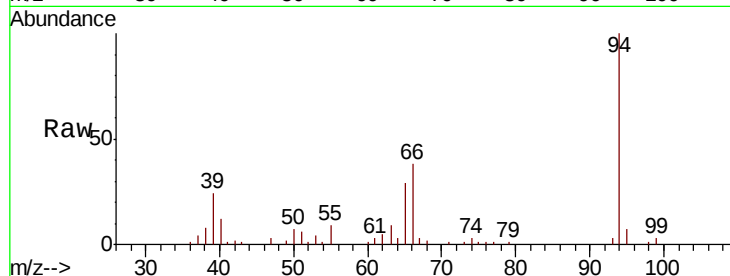
Tot Ion: 94 Resp: 45290

Ion Ratio Lower Upper

94 100

65 29.2 23.6 35.4

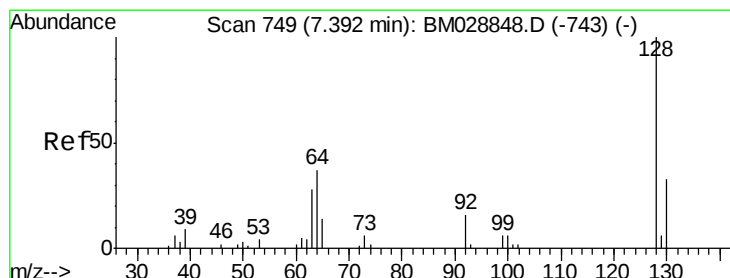
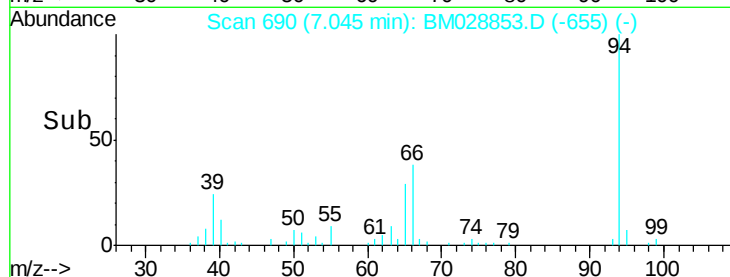
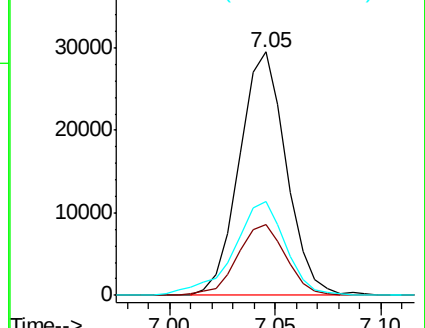
66 38.5 31.8 47.8



Abundance Ion 94.00 (93.70 to 94.70): BM028848.D (-682) (-)

Ion 65.00 (64.70 to 65.70): BM028848.D (-682) (-)

Ion 66.00 (65.70 to 66.70): BM028848.D (-682) (-)



#10

2-Chlorophenol

Concen: 23.839 ng/ul

RT: 7.39 min Scan# 749

Delta R.T. -0.00 min

Lab File: BM028853.D

Acq: 20 Feb 2021 21:23

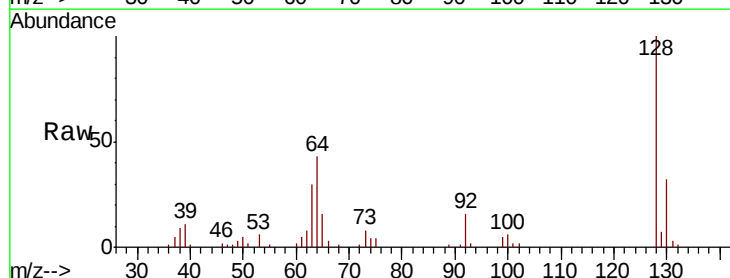
Tgt Ion: 128 Resp: 36258

Ion Ratio Lower Upper

128 100

64 43.4 33.8 50.6

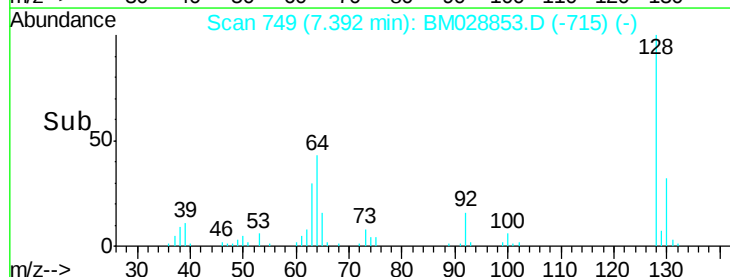
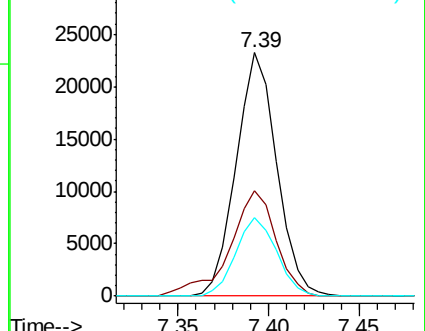
130 32.3 26.3 39.5

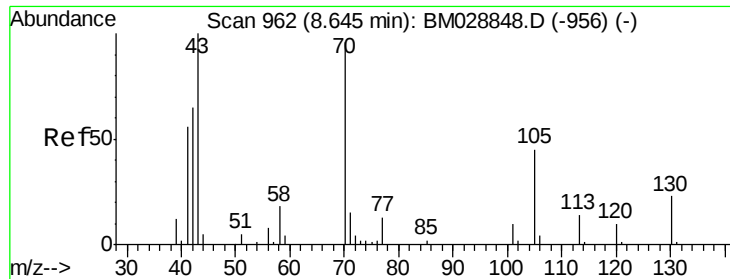


Abundance Ion 128.00 (127.70 to 128.70): BM028848.D (-743) (-)

Ion 64.00 (63.70 to 64.70): BM028848.D (-743) (-)

Ion 130.00 (129.70 to 130.70): BM028848.D (-743) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 25.093 ng/ul

RT: 8.65 min Scan# 962

Delta R.T. -0.00 min

Lab File: BM028853.D

Acq: 20 Feb 2021 21:23

Instrument :

BNA_M

ClientSampleId :

DBH10MSD

Tot Ion: 70 Resp: 26370

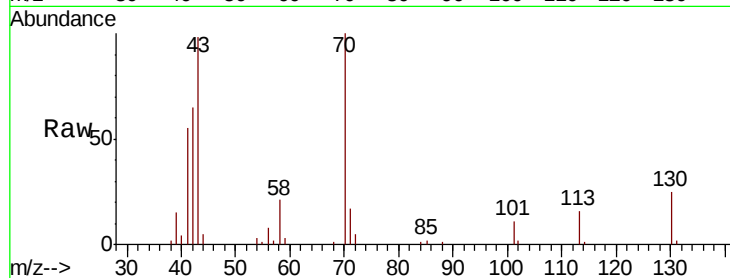
Ion Ratio Lower Upper

70 100

42 65.2 53.6 80.4

101 11.3 8.9 13.3

130 24.5 19.8 29.8

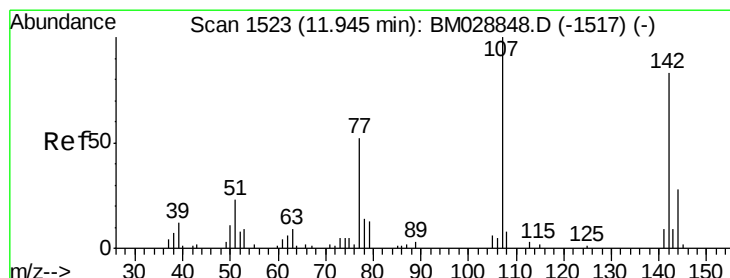
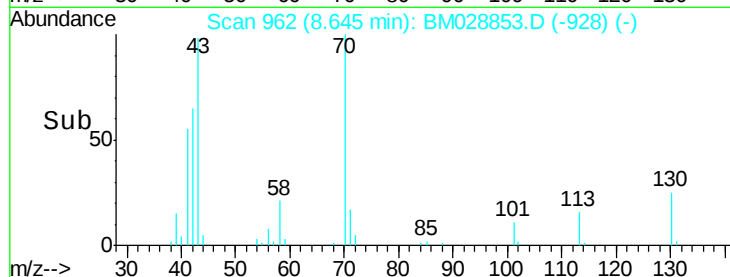
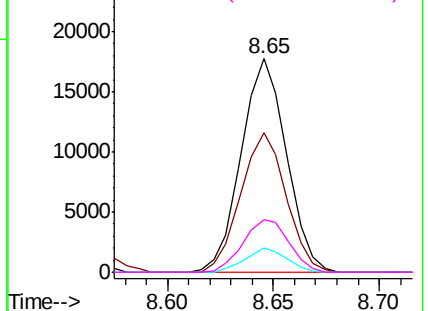


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 25.265 ng/ul

RT: 11.94 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BM028853.D

Acq: 20 Feb 2021 21:23

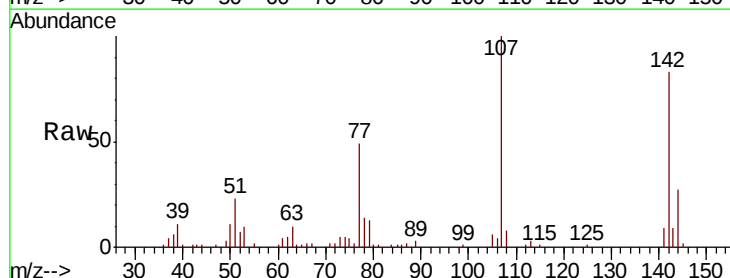
Tgt Ion: 107 Resp: 38671

Ion Ratio Lower Upper

107 100

144 27.1 22.0 33.0

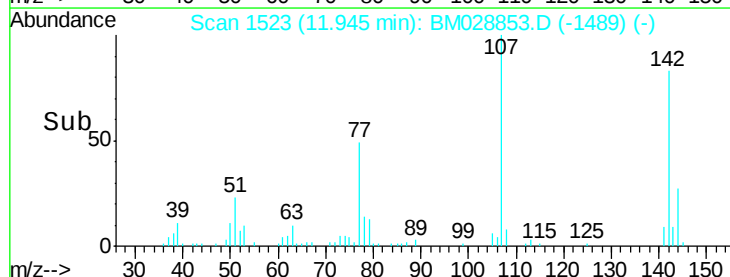
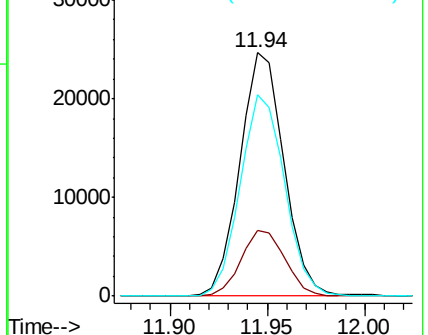
142 82.9 65.4 98.2

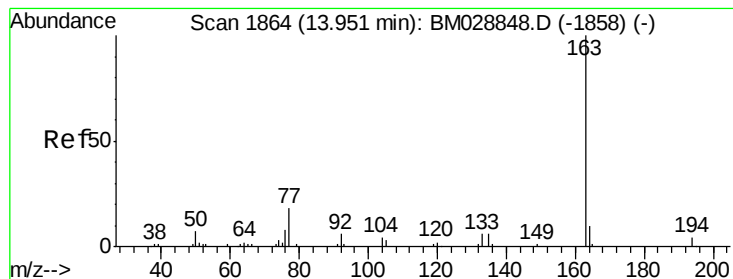


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 3.682 ng/ul

RT: 13.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BM028853.D

Acq: 20 Feb 2021 21:23

Instrument :

BNA_M

ClientSampleId :

DBH10MSD

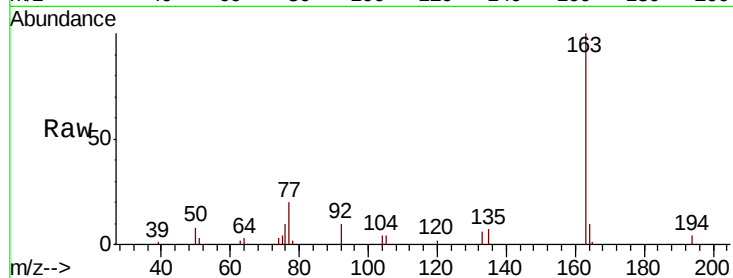
Tot Ion:163 Resp: 15811

Ion Ratio Lower Upper

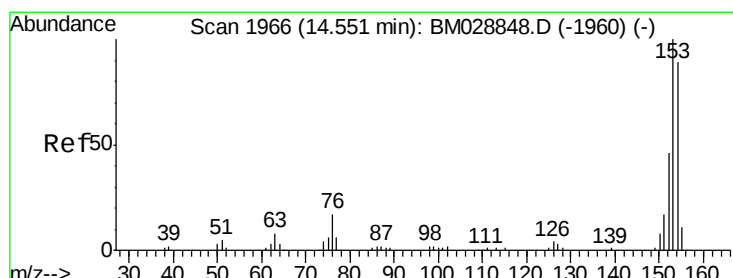
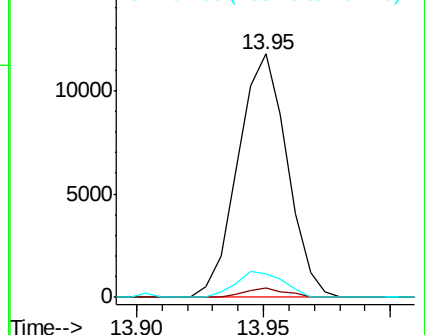
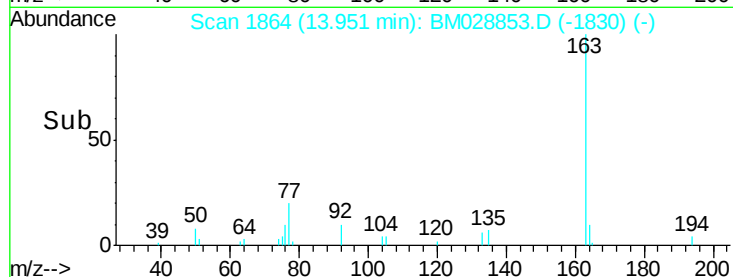
163 100

194 4.1 3.3 4.9

164 9.7 8.2 12.2



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: 25.102 ng/ul

RT: 14.55 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BM028853.D

Acq: 20 Feb 2021 21:23

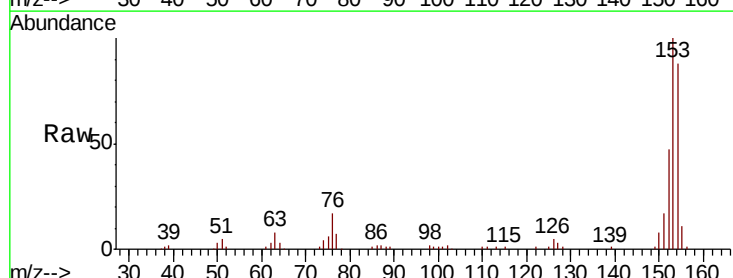
Tgt Ion:153 Resp: 92314

Ion Ratio Lower Upper

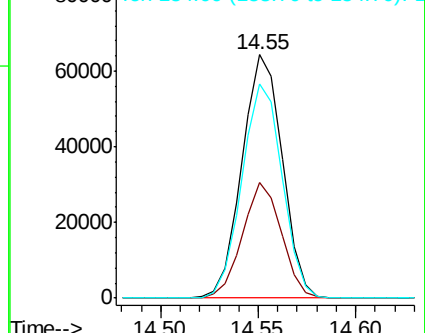
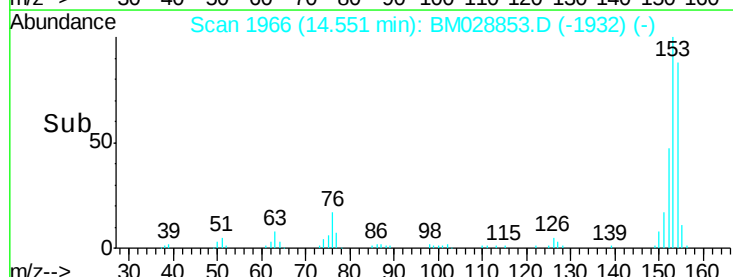
153 100

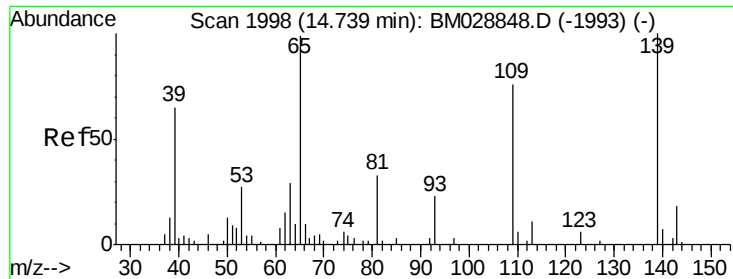
152 47.3 37.0 55.6

154 88.1 73.0 109.4



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

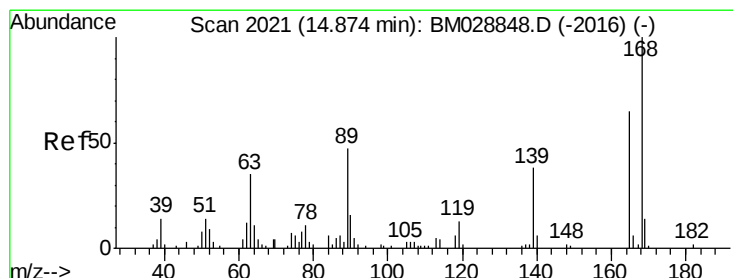
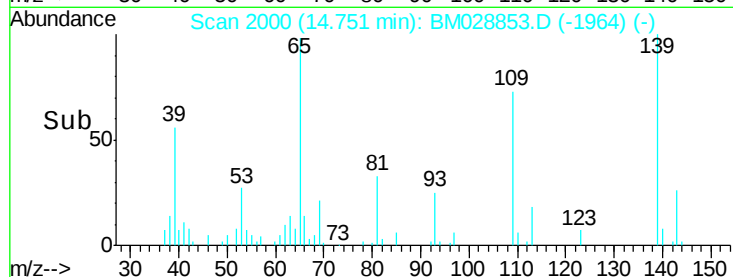
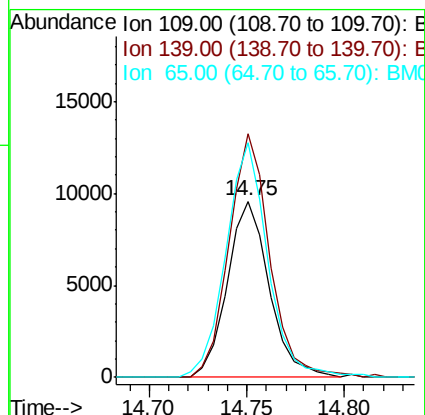
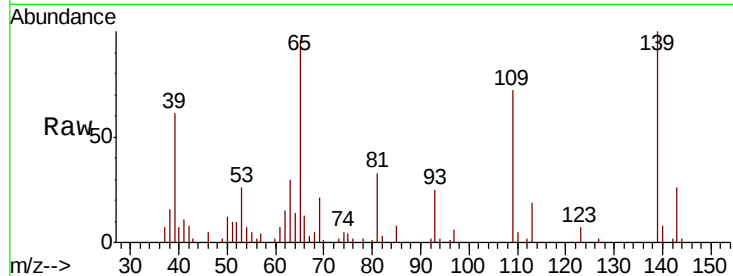




#53
4-Nitrophenol
Concen: 24.174 ng/ul
RT: 14.75 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BM028853.D
Acq: 20 Feb 2021 21:23

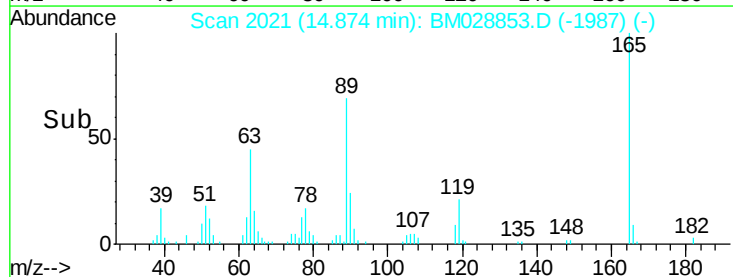
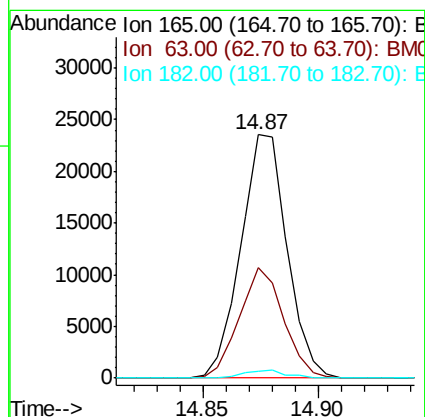
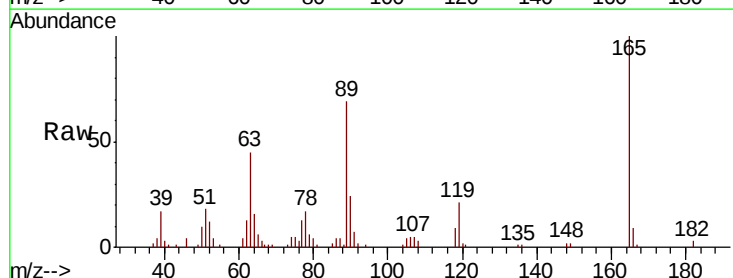
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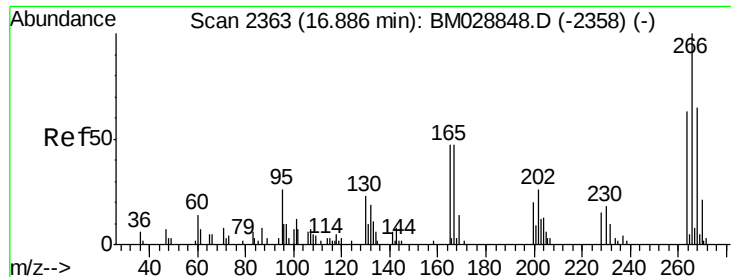
Tot Ion:109 Resp: 14269
Ion Ratio Lower Upper
109 100
139 138.3 103.8 155.6
65 133.1 101.5 152.3



#55
2,4-Dinitrotoluene
Concen: 26.417 ng/ul
RT: 14.87 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BM028853.D
Acq: 20 Feb 2021 21:23

Tgt Ion:165 Resp: 32884
Ion Ratio Lower Upper
165 100
63 45.5 42.5 63.7
182 2.9 2.5 3.7

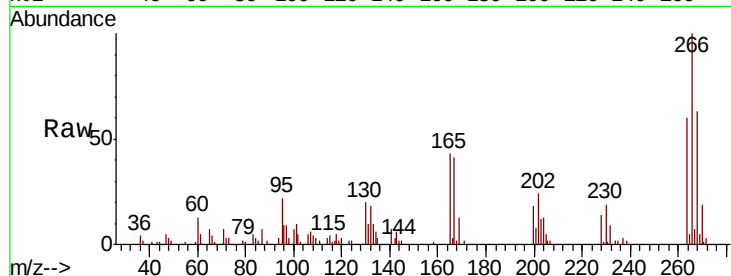




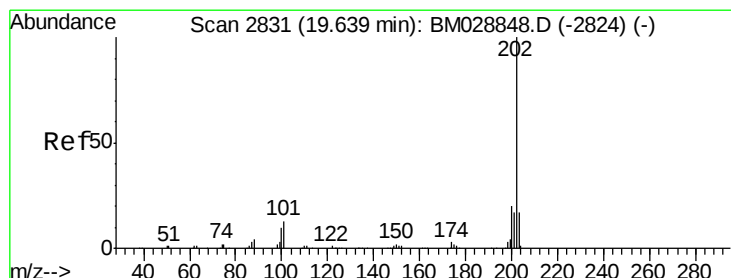
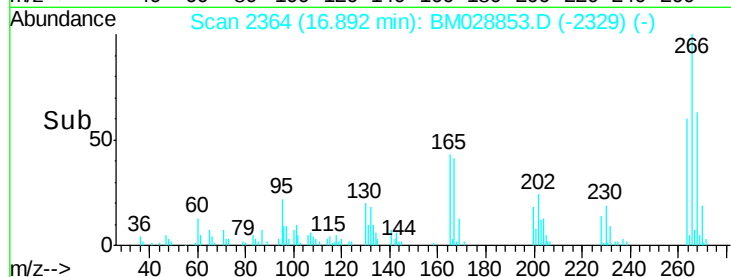
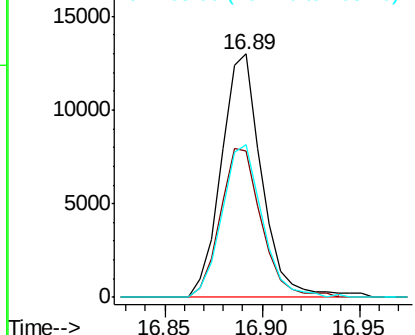
#69
 Pentachlorophenol
 Concen: 25.475 ng/ul
 RT: 16.89 min Scan# 2364
 Delta R.T. 0.01 min
 Lab File: BM028853.D
 Acq: 20 Feb 2021 21:23

Instrument :
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Tot Ion:266 Resp: 18581
 Ion Ratio Lower Upper
 266 100
 264 60.3 48.5 72.7
 268 62.8 49.0 73.4

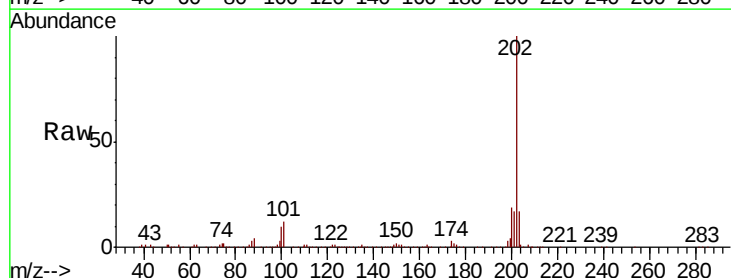


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 30.669 ng/ul
 RT: 19.64 min Scan# 2832
 Delta R.T. 0.01 min
 Lab File: BM028853.D
 Acq: 20 Feb 2021 21:23

Tgt Ion:202 Resp: 167022
 Ion Ratio Lower Upper
 202 100
 101 12.3 10.2 15.4
 100 10.1 8.4 12.6



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

