

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022121\
 Data File : BM028851.D
 Acq On : 20 Feb 2021 20:11
 Operator : CG/JU
 Sample : M1415-22MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBH10MS

Quant Time: Feb 22 01:10:58 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	20900	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	88413	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	52123	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	99878	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	71869	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	63295	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	1739	3.96	ng/uL	0.00
5) Phenol-d5	7.02	99	38131	23.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	21884	24.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	33795	24.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	30256	22.65	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	15941	25.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	18099	25.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	32533	24.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	37865	23.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	96842	25.77	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	123959	25.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.73	143	14287	21.96	ng/ul	0.00
58) Fluorene-d10	15.48	176	80999	25.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.63	200	12221	20.00	ng/ul	0.00
71) Anthracene-d10	17.33	188	118600	26.07	ng/ul	0.00
79) Pyrene-d10	19.62	212	113356	31.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.47	264	85220	26.12	ng/ul	0.00

Target Compounds

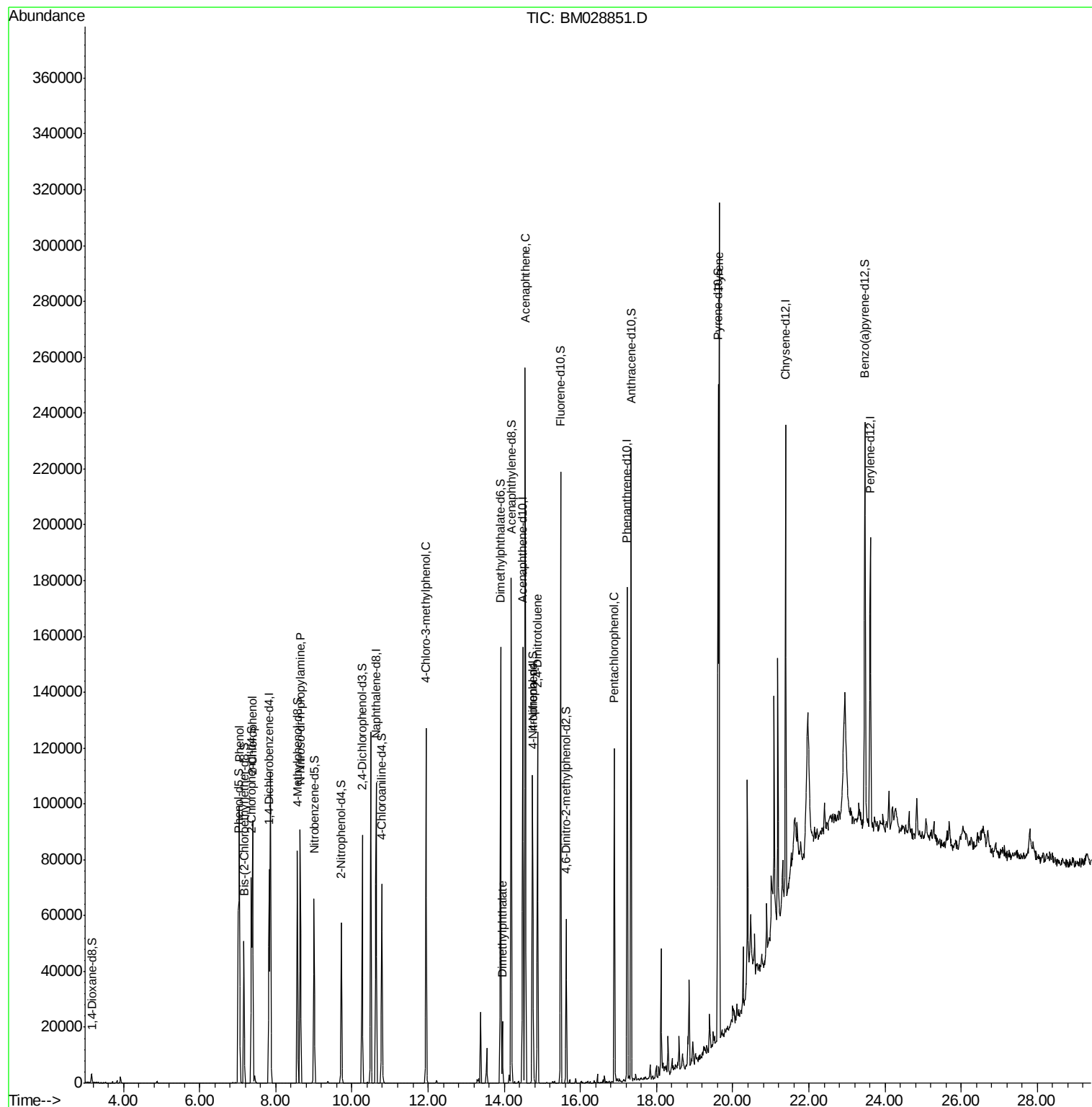
					Ovalue
6) Phenol	7.05	94	50844	30.940	ng/ul 97
10) 2-Chlorophenol	7.39	128	41418	29.201	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.65	70	29362	29.961	ng/ul 98
33) 4-Chloro-3-methylphenol	11.95	107	41855	29.902	ng/ul 98
45) Dimethylphthalate	13.95	163	14788	3.817	ng/ul 98
50) Acenaphthene	14.55	153	99942	30.121	ng/ul 99
53) 4-Nitrophenol	14.75	109	15454	29.018	ng/ul 98
55) 2,4-Dinitrotoluene	14.88	165	35204	31.345	ng/ul# 82
69) Pentachlorophenol	16.89	266	19954	31.667	ng/ul 90
80) Pyrene	19.64	202	172198	35.563	ng/ul 99

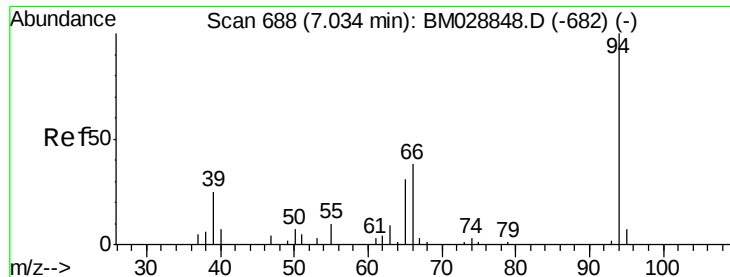
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 30.940 ng/ul

RT: 7.05 min Scan# 690

Delta R.T. 0.01 min

Lab File: BM028851.D

Acq: 20 Feb 2021 20:11

Instrument :

BNA_M

ClientSampleId :

DBH10MS

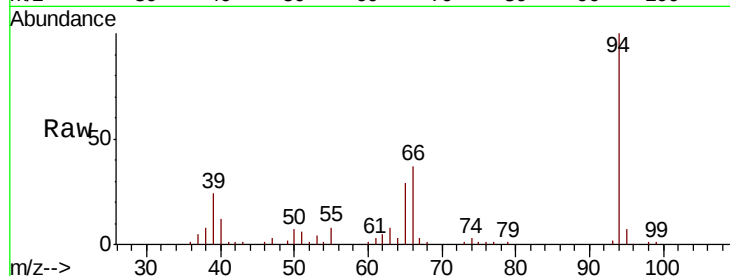
Tot Ion: 94 Resp: 50844

Ion Ratio Lower Upper

94 100

65 28.5 23.6 35.4

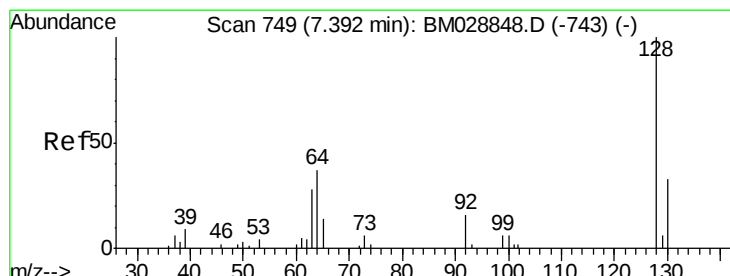
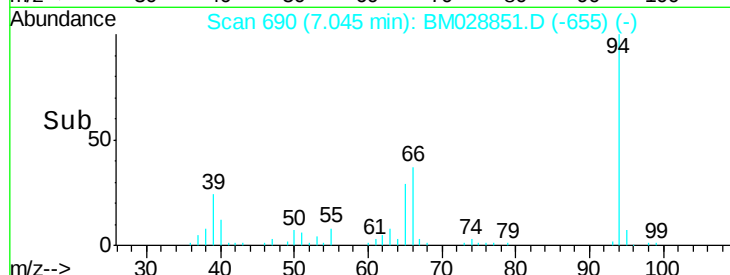
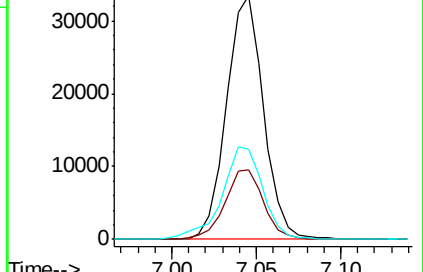
66 37.0 31.8 47.8



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: 29.201 ng/ul

RT: 7.39 min Scan# 749

Delta R.T. -0.00 min

Lab File: BM028851.D

Acq: 20 Feb 2021 20:11

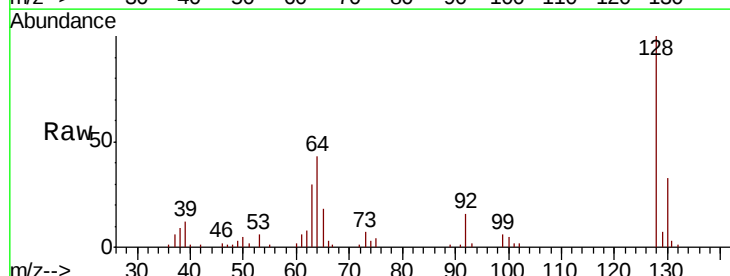
Tgt Ion:128 Resp: 41418

Ion Ratio Lower Upper

128 100

64 43.0 33.8 50.6

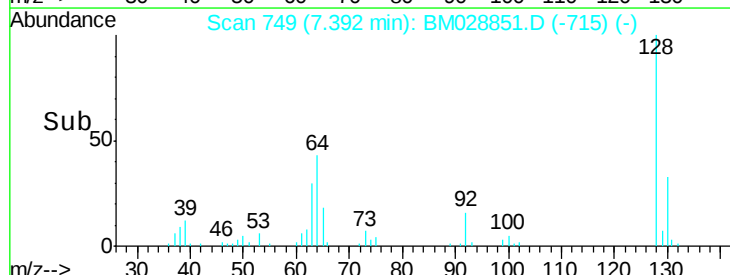
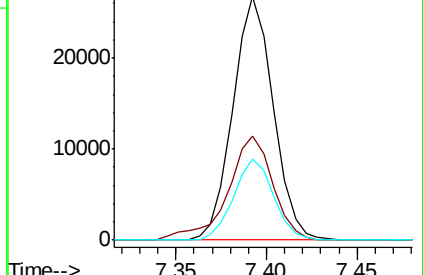
130 33.1 26.3 39.5

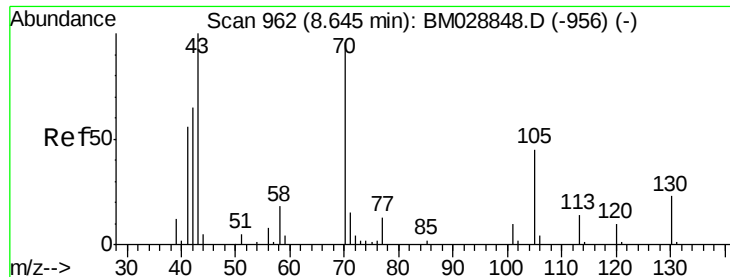


Abundance Ion 128.00 (127.70 to 128.70): BM028848.D (-743) (-)

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: 29.961 ng/ul

RT: 8.65 min Scan# 962

Delta R.T. -0.00 min

Lab File: BM028851.D

Acq: 20 Feb 2021 20:11

Instrument :

BNA_M

ClientSampleId :

DBH10MS

Tot Ion: 70 Resp: 29362

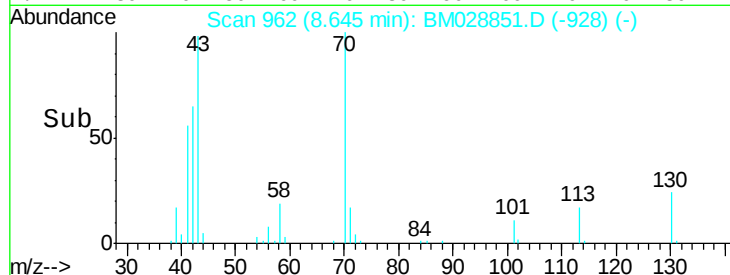
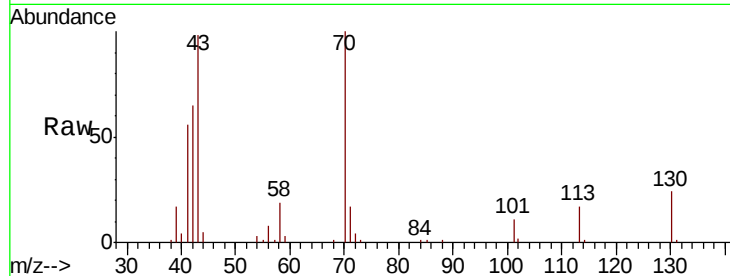
Ion Ratio Lower Upper

70 100

42 65.2 53.6 80.4

101 10.8 8.9 13.3

130 24.3 19.8 29.8

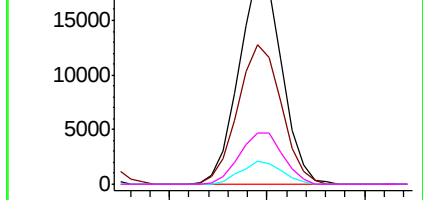


Abundance Ion 70.00 (69.70 to 70.70): BM028851.D (-928) (-)

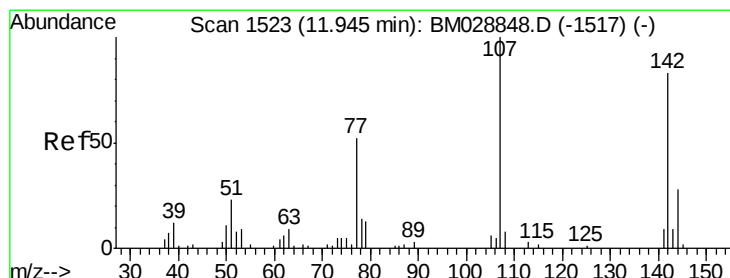
Ion 42.00 (41.70 to 42.70): BM028851.D (-928) (-)

Ion 101.00 (100.70 to 101.70): BM028851.D (-928) (-)

Ion 130.00 (129.70 to 130.70): BM028851.D (-928) (-)



Time-->



#33

4-Chloro-3-methylphenol

Concen: 29.902 ng/ul

RT: 11.95 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BM028851.D

Acq: 20 Feb 2021 20:11

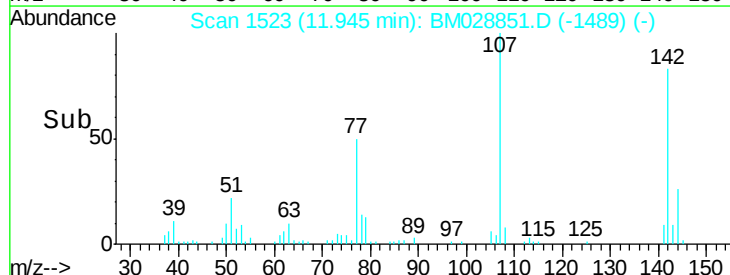
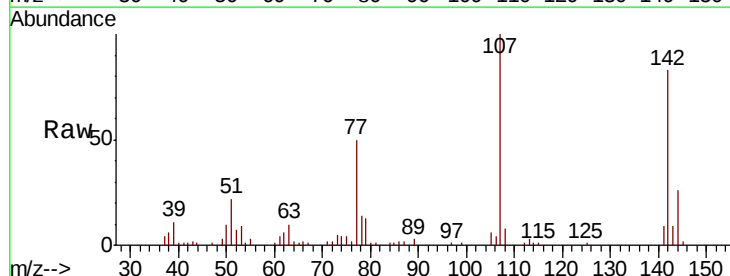
Tgt Ion: 107 Resp: 41855

Ion Ratio Lower Upper

107 100

144 26.1 22.0 33.0

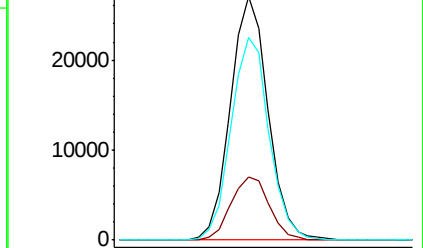
142 83.1 65.4 98.2



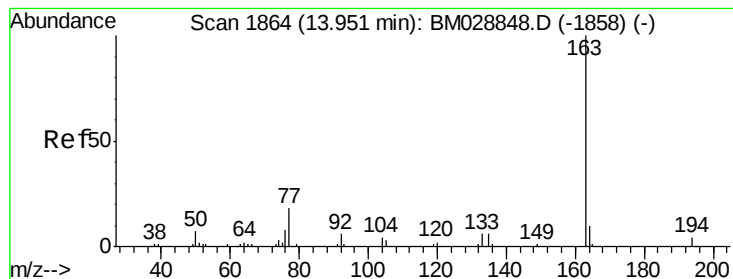
Abundance Ion 107.00 (106.70 to 107.70): BM028851.D (-1489) (-)

Ion 144.00 (143.70 to 144.70): BM028851.D (-1489) (-)

Ion 142.00 (141.70 to 142.70): BM028851.D (-1489) (-)



Time-->



#45

Dimethylphthalate

Concen: 3.817 ng/ul

RT: 13.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BM028851.D

Acq: 20 Feb 2021 20:11

Instrument :

BNA_M

ClientSampleId :

DBH10MS

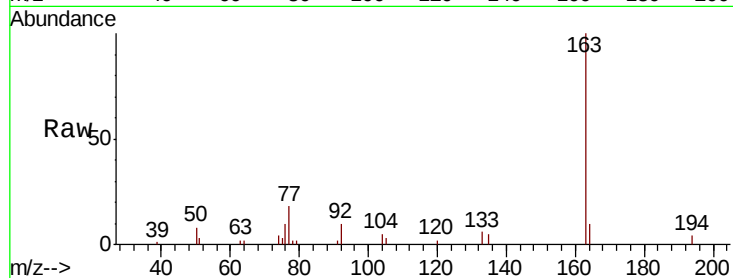
Tot Ion:163 Resp: 14788

Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

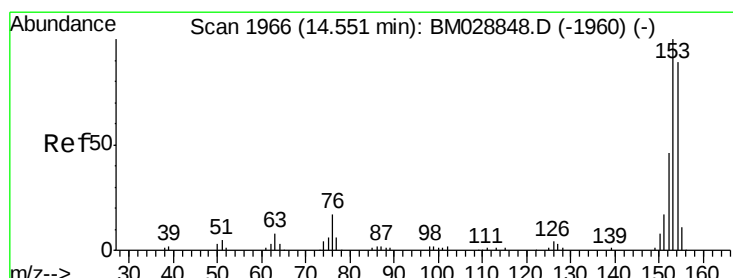
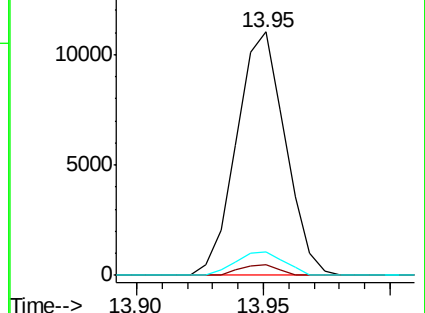
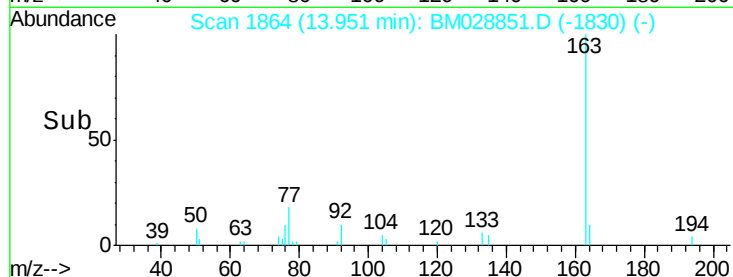
164 9.5 8.2 12.2



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: 30.121 ng/ul

RT: 14.55 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BM028851.D

Acq: 20 Feb 2021 20:11

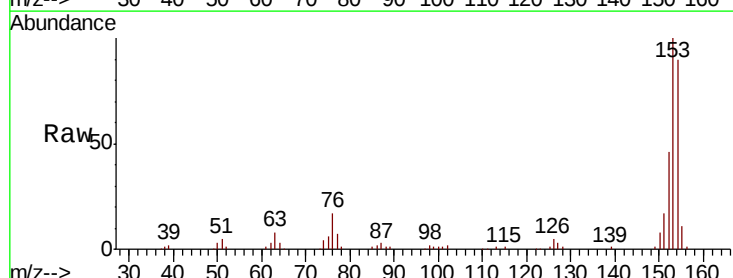
Tgt Ion:153 Resp: 99942

Ion Ratio Lower Upper

153 100

152 46.2 37.0 55.6

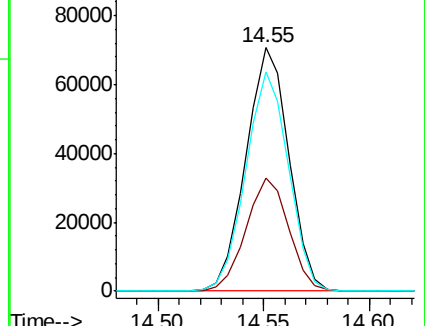
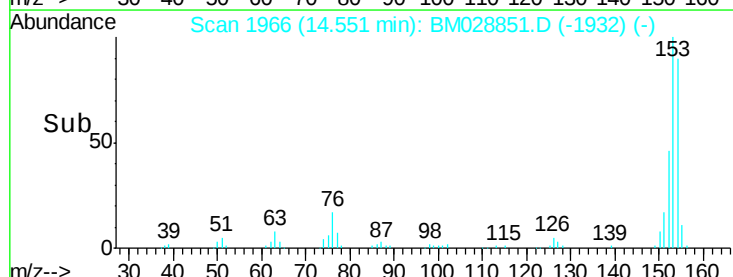
154 90.1 73.0 109.4

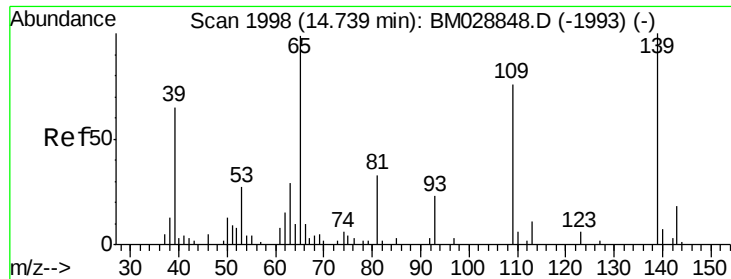


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

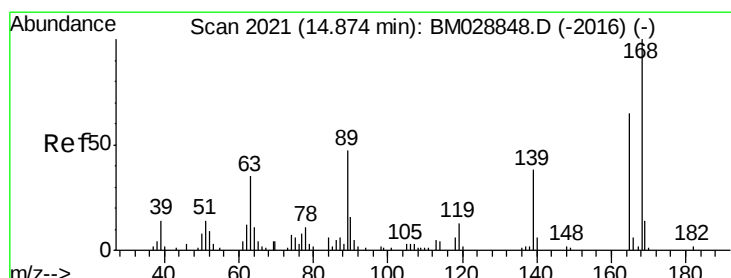
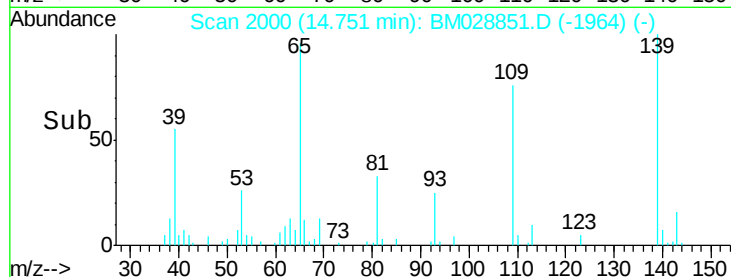
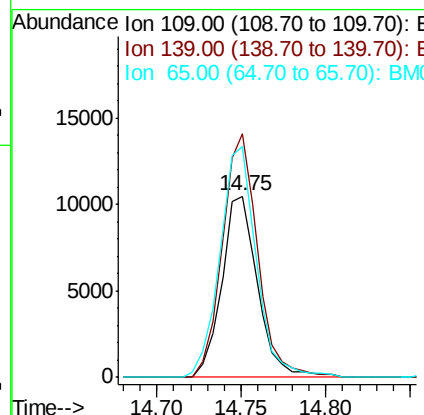
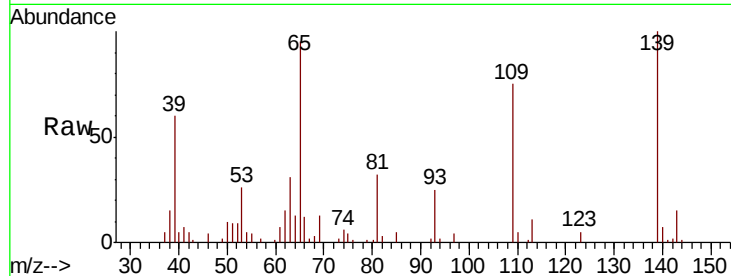




#53
4-Nitrophenol
Concen: 29.018 ng/ul
RT: 14.75 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BM028851.D
Acq: 20 Feb 2021 20:11

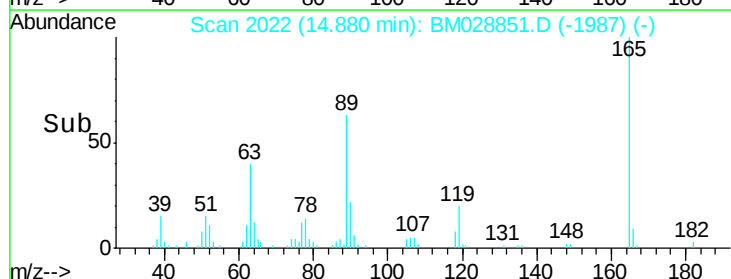
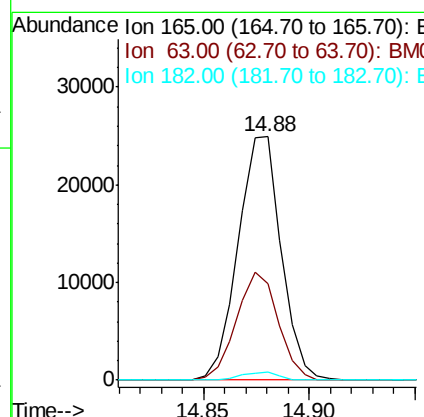
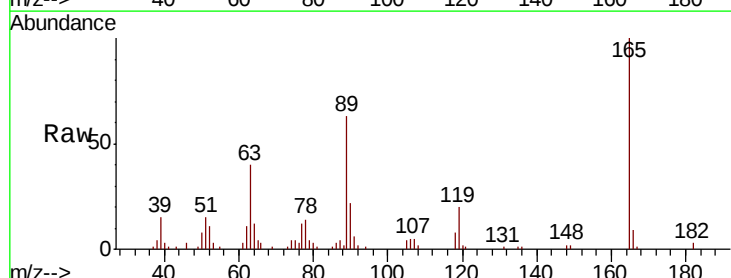
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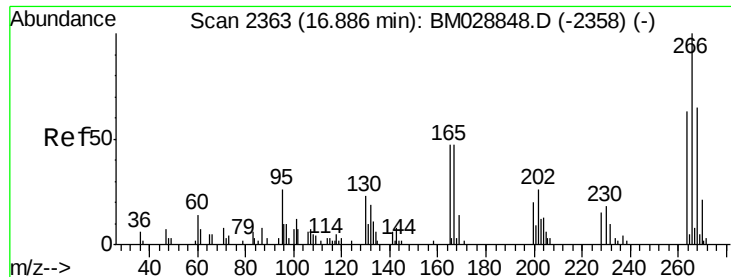
Tot Ion:109 Resp: 15454
Ion Ratio Lower Upper
109 100
139 134.2 103.8 155.6
65 127.1 101.5 152.3



#55
2,4-Dinitrotoluene
Concen: 31.345 ng/ul
RT: 14.88 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BM028851.D
Acq: 20 Feb 2021 20:11

Tgt Ion:165 Resp: 35204
Ion Ratio Lower Upper
165 100
63 39.7 42.5 63.7#
182 3.1 2.5 3.7

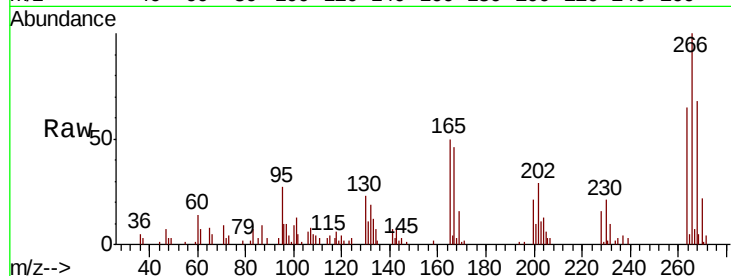




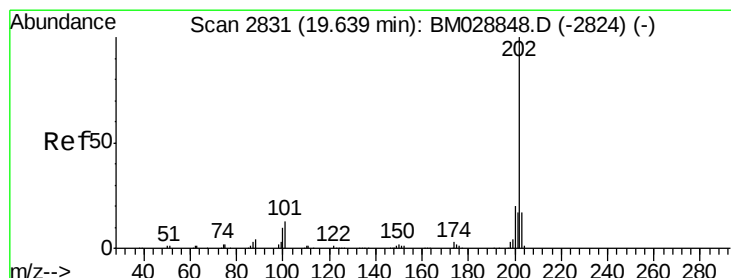
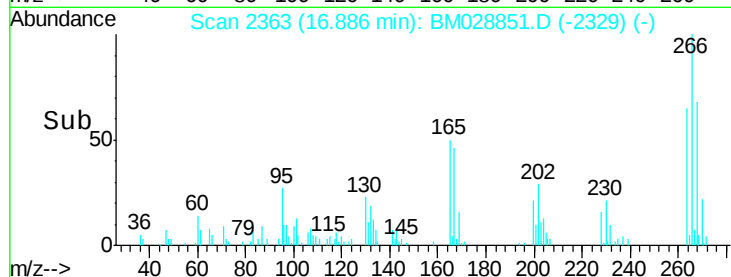
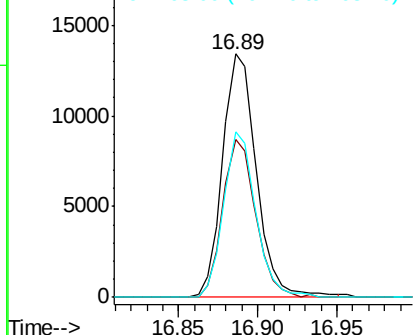
#69
 Pentachlorophenol
 Concen: 31.667 ng/ul
 RT: 16.89 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: BM028851.D
 Acq: 20 Feb 2021 20:11

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion:266 Resp: 19954
 Ion Ratio Lower Upper
 266 100
 264 64.6 48.5 72.7
 268 72.6 49.0 73.4

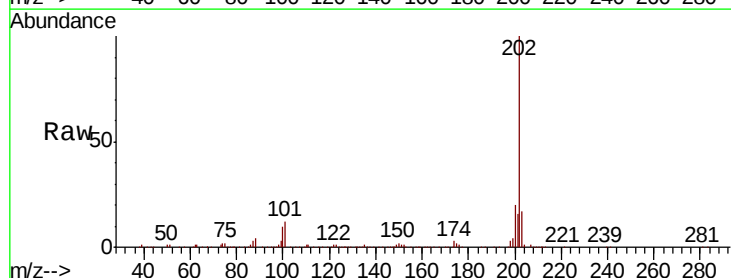


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 35.563 ng/ul
 RT: 19.64 min Scan# 2832
 Delta R.T. 0.01 min
 Lab File: BM028851.D
 Acq: 20 Feb 2021 20:11

Tgt Ion:202 Resp: 172198
 Ion Ratio Lower Upper
 202 100
 101 12.2 10.2 15.4
 100 10.5 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

