

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022621\
 Data File : BM028904.D
 Acq On : 25 Feb 2021 19:40
 Operator : CG/JU
 Sample : M1482-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGJ6MSD

Quant Time: Feb 25 23:15:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 25 23:08:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	14265	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	61389	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	37316	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	74616	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	60216	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	53478	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	1673	5.58	ng/uL	0.00
5) Phenol-d5	6.99	99	8102	7.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	21383	34.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	27038	28.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	16177	17.74	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	15666	36.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	17832	36.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	29101	31.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	1907	1.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	106689	39.66	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	127352	37.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.70	143	3500	7.51	ng/ul	0.00
58) Fluorene-d10	15.46	176	87106	38.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	17148	37.57	ng/ul	0.00
71) Anthracene-d10	17.30	188	147282	43.34	ng/ul	0.00
79) Pyrene-d10	19.59	212	152094	50.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	125831	45.65	ng/ul	0.00

Target Compounds

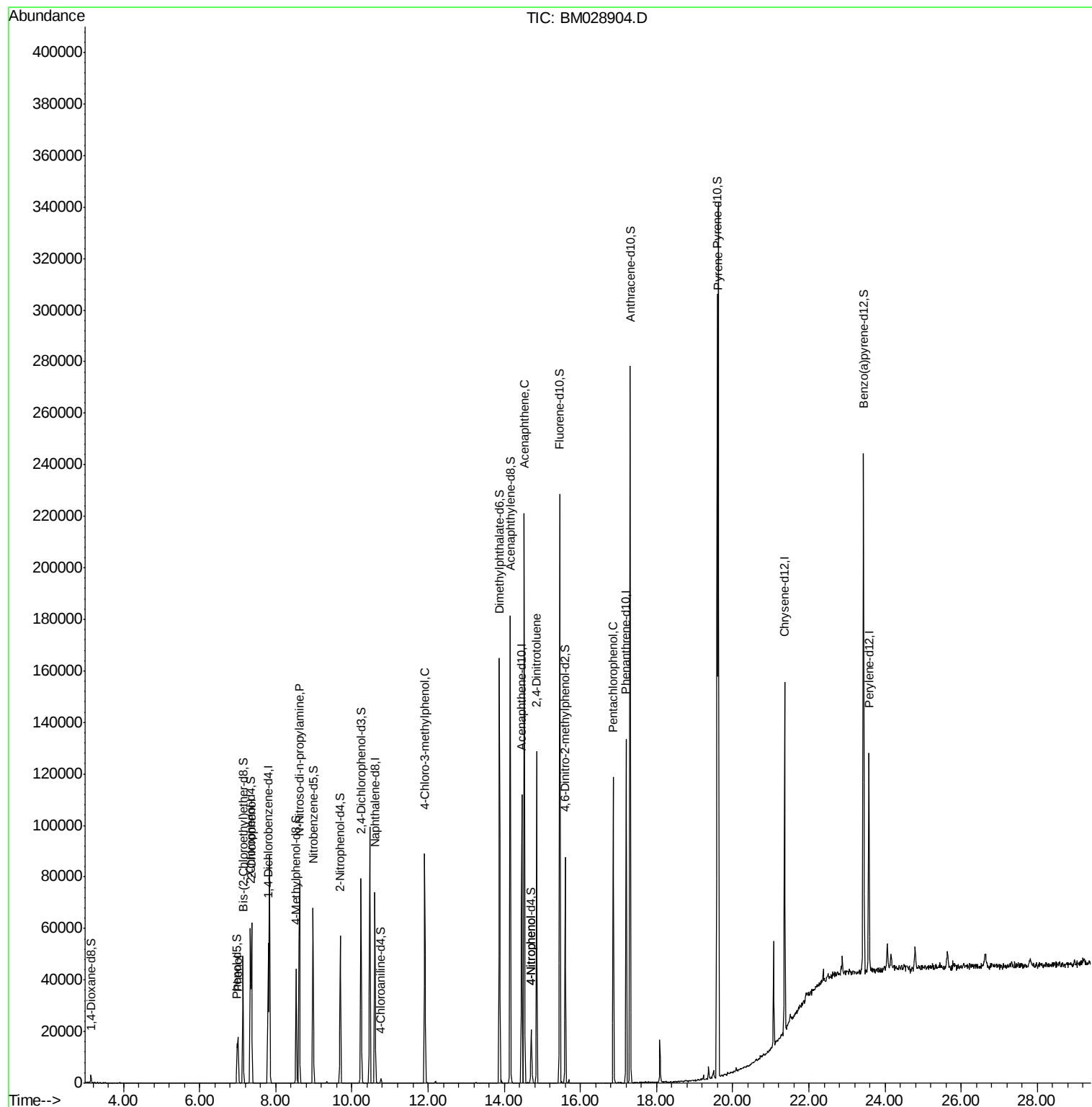
					Ovalue
6) Phenol	7.01	94	9654	8.607	ng/ul 94
10) 2-Chlorophenol	7.36	128	27126	28.020	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.62	70	24470	36.583	ng/ul 95
33) 4-Chloro-3-methylphenol	11.91	107	29257	30.103	ng/ul 95
50) Acenaphthene	14.53	153	84056	35.385	ng/ul 99
53) 4-Nitrophenol	14.72	109	3290	8.629	ng/ul 88
55) 2,4-Dinitrotoluene	14.85	165	33591	41.776	ng/ul 88
69) Pentachlorophenol	16.86	266	20040	42.571	ng/ul 98
80) Pvrene	19.62	202	196066	48.328	ng/ul 98

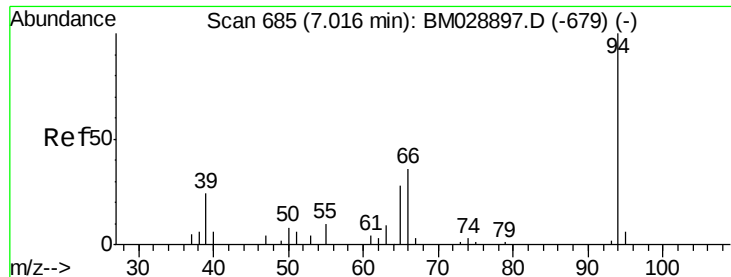
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 8.607 ng/ul

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM028904.D

Acq: 25 Feb 2021 19:40

Instrument :

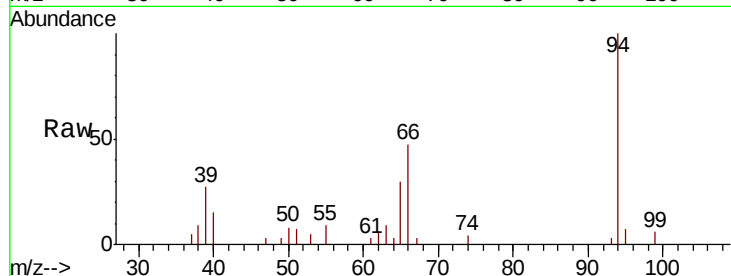
BNA_M

ClientSampleId :

DBGJ6MSD

Tot Ion: 94 Resp: 9654

Ion	Ratio	Lower	Upper
94	100		
65	29.8	23.8	35.6
66	47.0	32.8	49.2

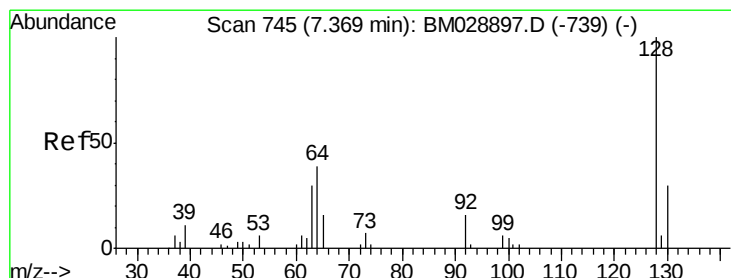
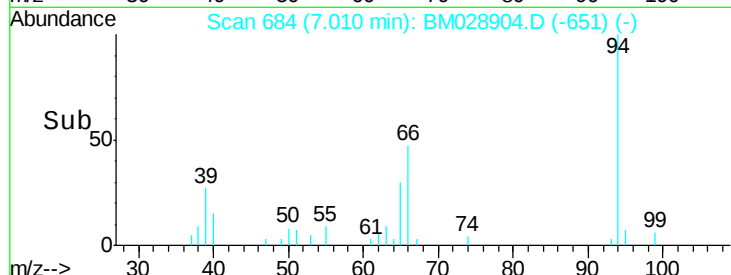
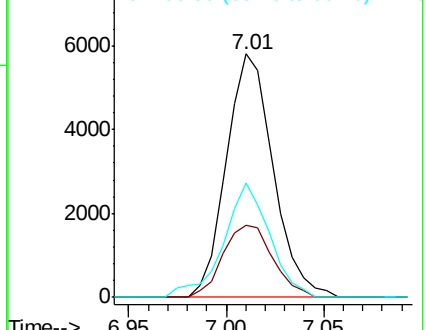


Abundance

Ion 94.00 (93.70 to 94.70): BM028897.D (-679) (-)

Ion 65.00 (64.70 to 65.70): BM028897.D (-679) (-)

Ion 66.00 (65.70 to 66.70): BM028897.D (-679) (-)



#10

2-Chlorophenol

Concen: 28.020 ng/ul

RT: 7.36 min Scan# 744

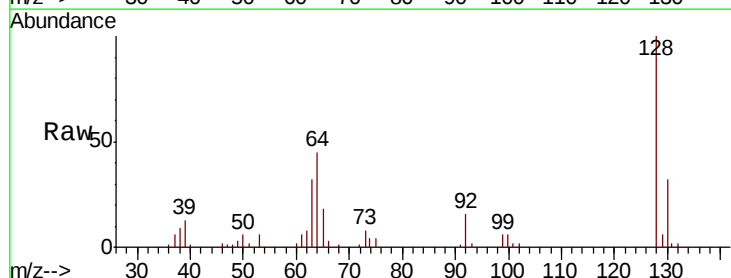
Delta R.T. -0.01 min

Lab File: BM028904.D

Acq: 25 Feb 2021 19:40

Tgt Ion: 128 Resp: 27126

Ion	Ratio	Lower	Upper
128	100		
64	44.9	35.8	53.6
130	31.8	24.1	36.1

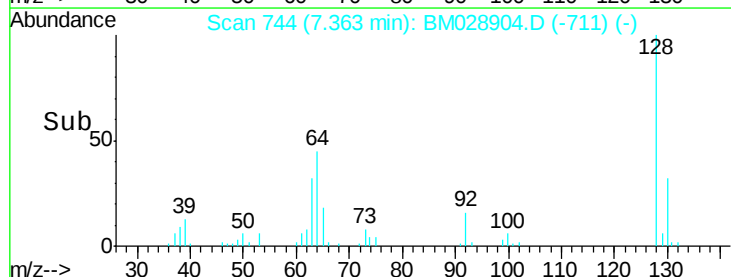
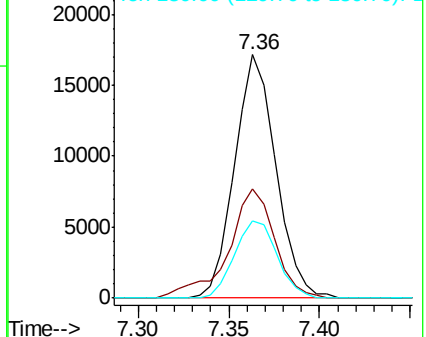


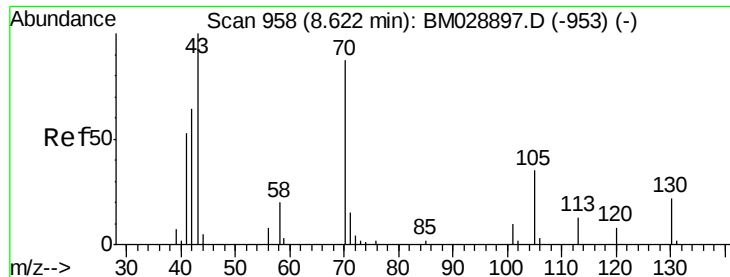
Abundance

Ion 128.00 (127.70 to 128.70): BM028897.D (-739) (-)

Ion 64.00 (63.70 to 64.70): BM028897.D (-739) (-)

Ion 130.00 (129.70 to 130.70): BM028897.D (-739) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 36.583 ng/ul

RT: 8.62 min Scan# 958

Delta R.T. 0.00 min

Lab File: BM028904.D

Acq: 25 Feb 2021 19:40

Instrument :

BNA_M

ClientSampleId :

DBGJ6MSD

Tot Ion: 70 Resp: 24470

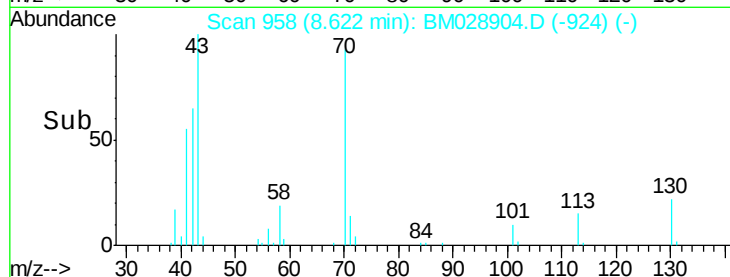
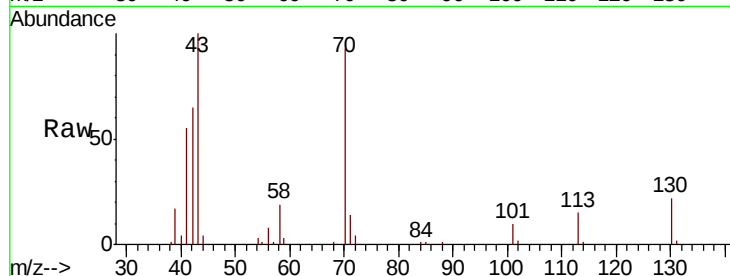
Ion Ratio Lower Upper

70 100

42 69.5 60.1 90.1

101 10.6 8.9 13.3

130 23.8 20.3 30.5

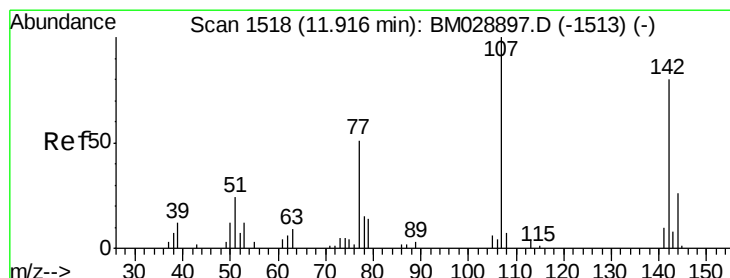
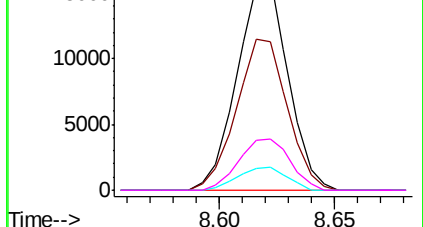


Abundance Ion 70.00 (69.70 to 70.70): BM028897.D (-953) (-)

Ion 42.00 (41.70 to 42.70): BM028897.D (-953) (-)

Ion 101.00 (100.70 to 101.70): BM028897.D (-953) (-)

Ion 130.00 (129.70 to 130.70): BM028897.D (-953) (-)



#33

4-Chloro-3-methylphenol

Concen: 30.103 ng/ul

RT: 11.91 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BM028904.D

Acq: 25 Feb 2021 19:40

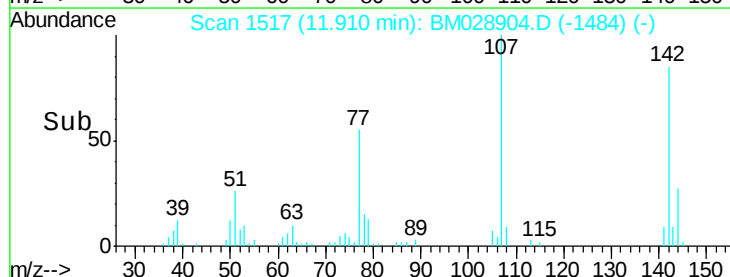
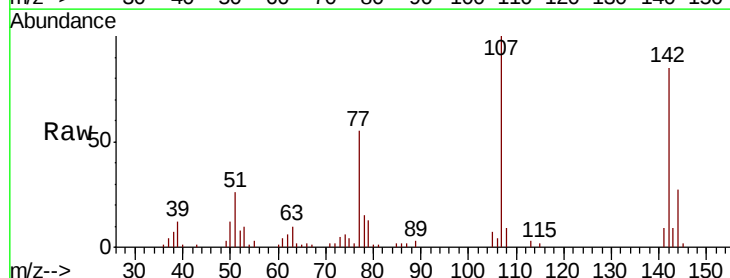
Tgt Ion: 107 Resp: 29257

Ion Ratio Lower Upper

107 100

144 27.3 20.8 31.2

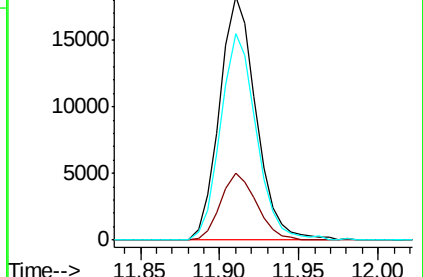
142 84.6 63.7 95.5

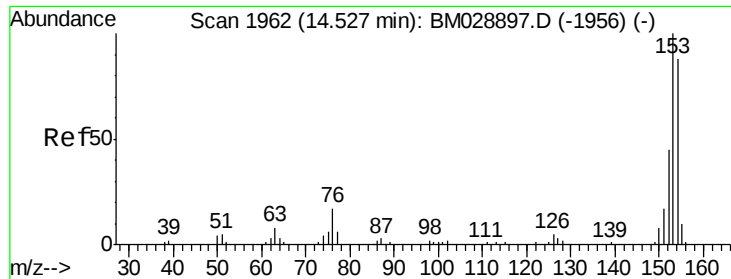


Abundance Ion 107.00 (106.70 to 107.70): BM028897.D (-1513) (-)

Ion 144.00 (143.70 to 144.70): BM028897.D (-1513) (-)

Ion 142.00 (141.70 to 142.70): BM028897.D (-1513) (-)





#50

Acenaphthene

Concen: 35.385 ng/ul

RT: 14.53 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BM028904.D

Acq: 25 Feb 2021 19:40

Instrument :

BNA_M

ClientSampleId :

DBGJ6MSD

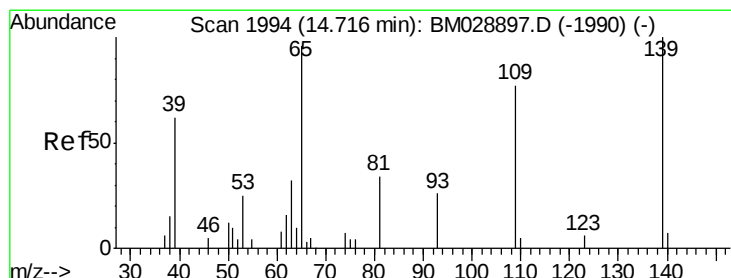
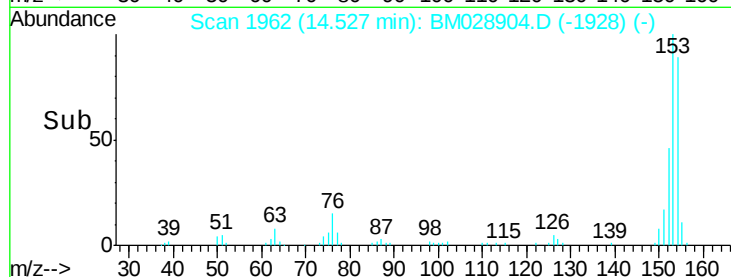
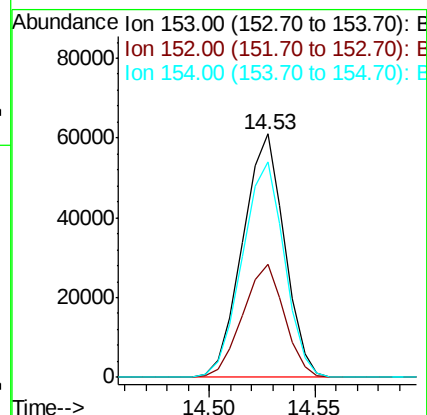
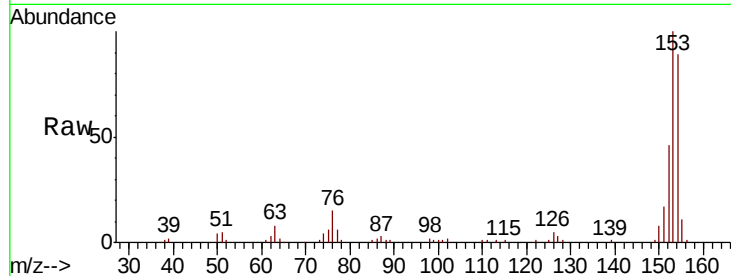
Tot Ion:153 Resp: 84056

Ion Ratio Lower Upper

153 100

152 46.3 36.0 54.0

154 88.7 70.4 105.6



#53

4-Nitrophenol

Concen: 8.629 ng/ul

RT: 14.72 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BM028904.D

Acq: 25 Feb 2021 19:40

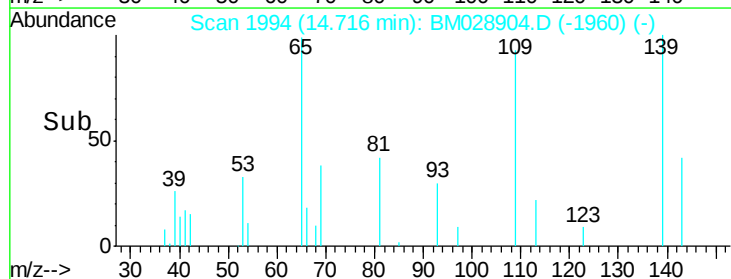
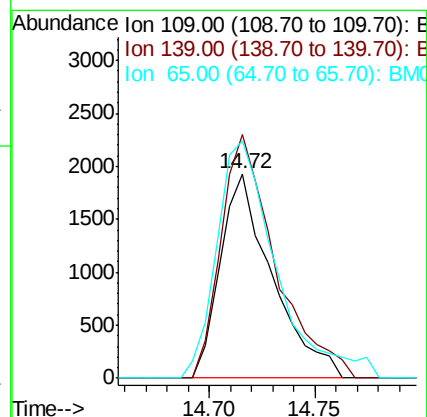
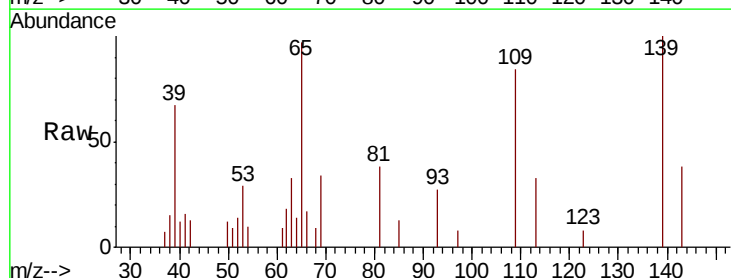
Tgt Ion:109 Resp: 3290

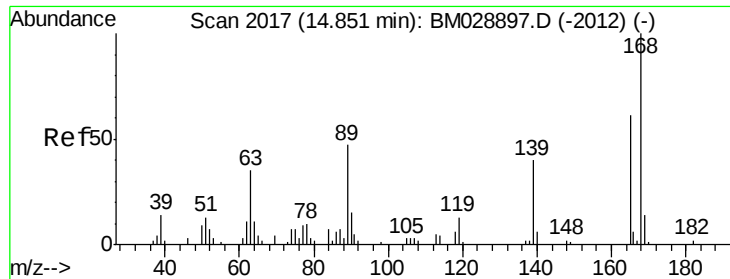
Ion Ratio Lower Upper

109 100

139 119.2 104.2 156.4

65 116.1 107.0 160.6

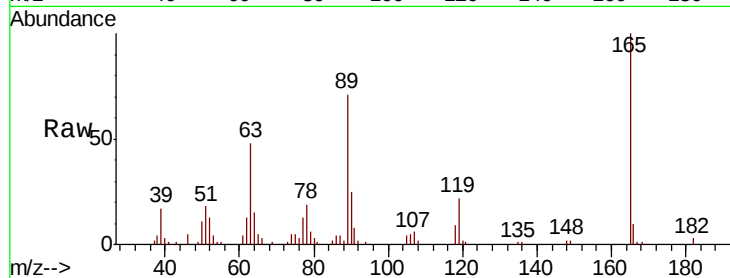




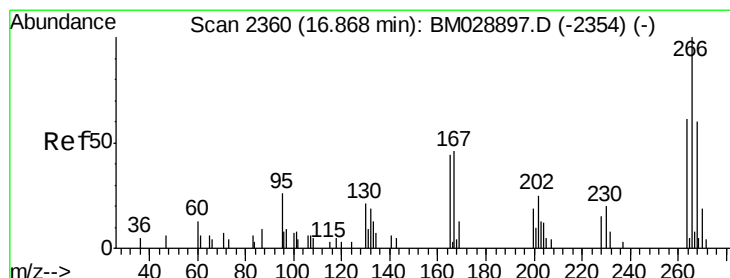
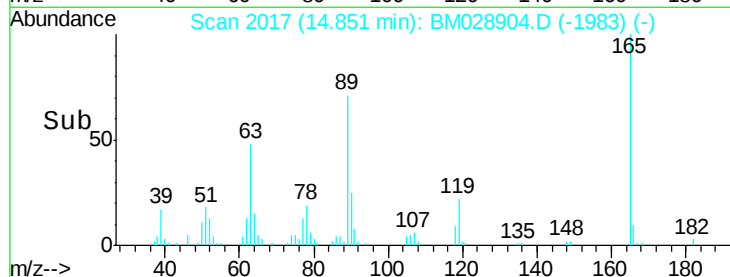
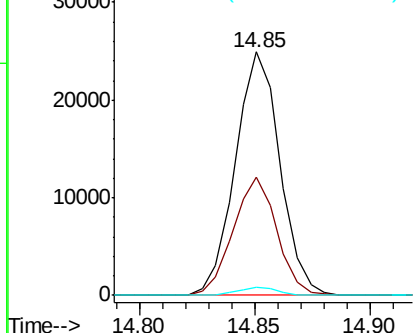
#55
 2,4-Dinitrotoluene
 Concen: 41.776 ng/ul
 RT: 14.85 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BM028904.D
 Acq: 25 Feb 2021 19:40

Instrument :
 BNA_M
 ClientSampleId :
 DBGJ6MSD

Tot Ion:165 Resp: 33591
 Ion Ratio Lower Upper
 165 100
 63 48.4 46.2 69.2
 182 3.2 2.6 3.8

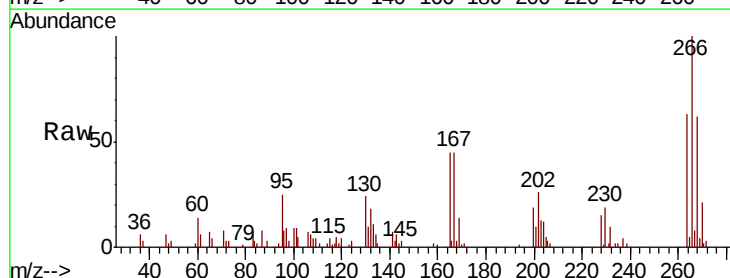


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM028897.D (-2012) (-)
 Ion 182.00 (181.70 to 182.70): E

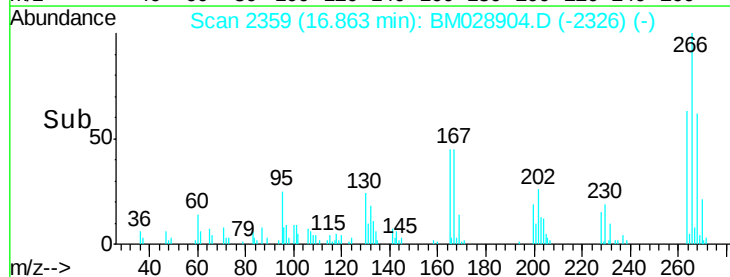
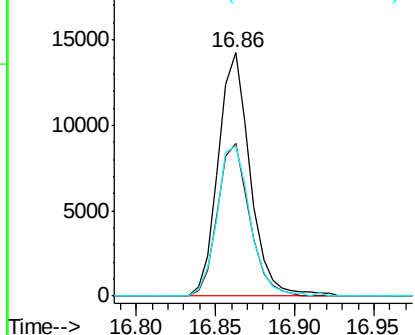


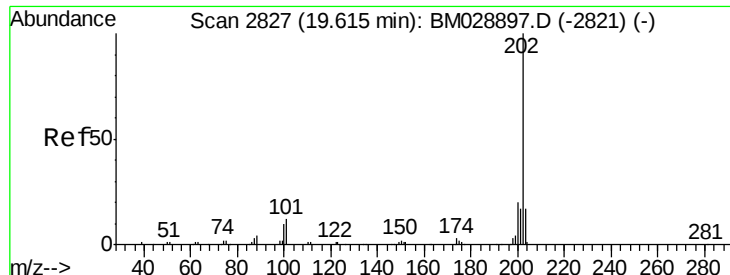
#69
 Pentachlorophenol
 Concen: 42.571 ng/ul
 RT: 16.86 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BM028904.D
 Acq: 25 Feb 2021 19:40

Tgt Ion:266 Resp: 20040
 Ion Ratio Lower Upper
 266 100
 264 62.7 49.0 73.4
 268 61.7 48.0 72.0



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

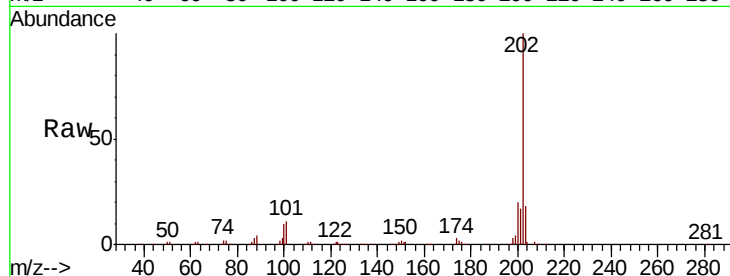




#80
 Pvrene
 Concen: 48.328 ng/ul
 RT: 19.62 min Scan# 2828
 Delta R.T. 0.01 min
 Lab File: BM028904.D
 Acq: 25 Feb 2021 19:40

Instrument :
 BNA_M
 ClientSampleId :
 DBGJ6MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.6	14.4
100	9.6	8.3	12.5



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

