

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
 Data File : BM028241.D
 Acq On : 22 Dec 2020 17:52
 Operator : JU/CG
 Sample : L5110-13MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02018

Quant Time: Dec 23 00:25:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 23 00:17:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	138601	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	538488	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	283248	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	537216	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	461908	20.00	ng/ul	0.00
86) Perylene-d12	24.03	264	460077	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	4105	1.18	ng/uL	0.00
5) Phenol-d5	7.33	99	74189	6.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	48729	6.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	63666	6.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	38508	4.04	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	28529	6.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	28285	6.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	53252	6.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	59978	5.81	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	158198	7.25	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	196237	7.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	16996	4.28	ng/ul	0.00
58) Fluorene-d10	15.80	176	135727	6.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	13015	4.07	ng/ul	0.00
71) Anthracene-d10	17.64	188	190938	7.16	ng/ul	0.00
79) Pyrene-d10	19.90	212	206909	8.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.87	264	200305	7.90	ng/ul	0.00

Target Compounds

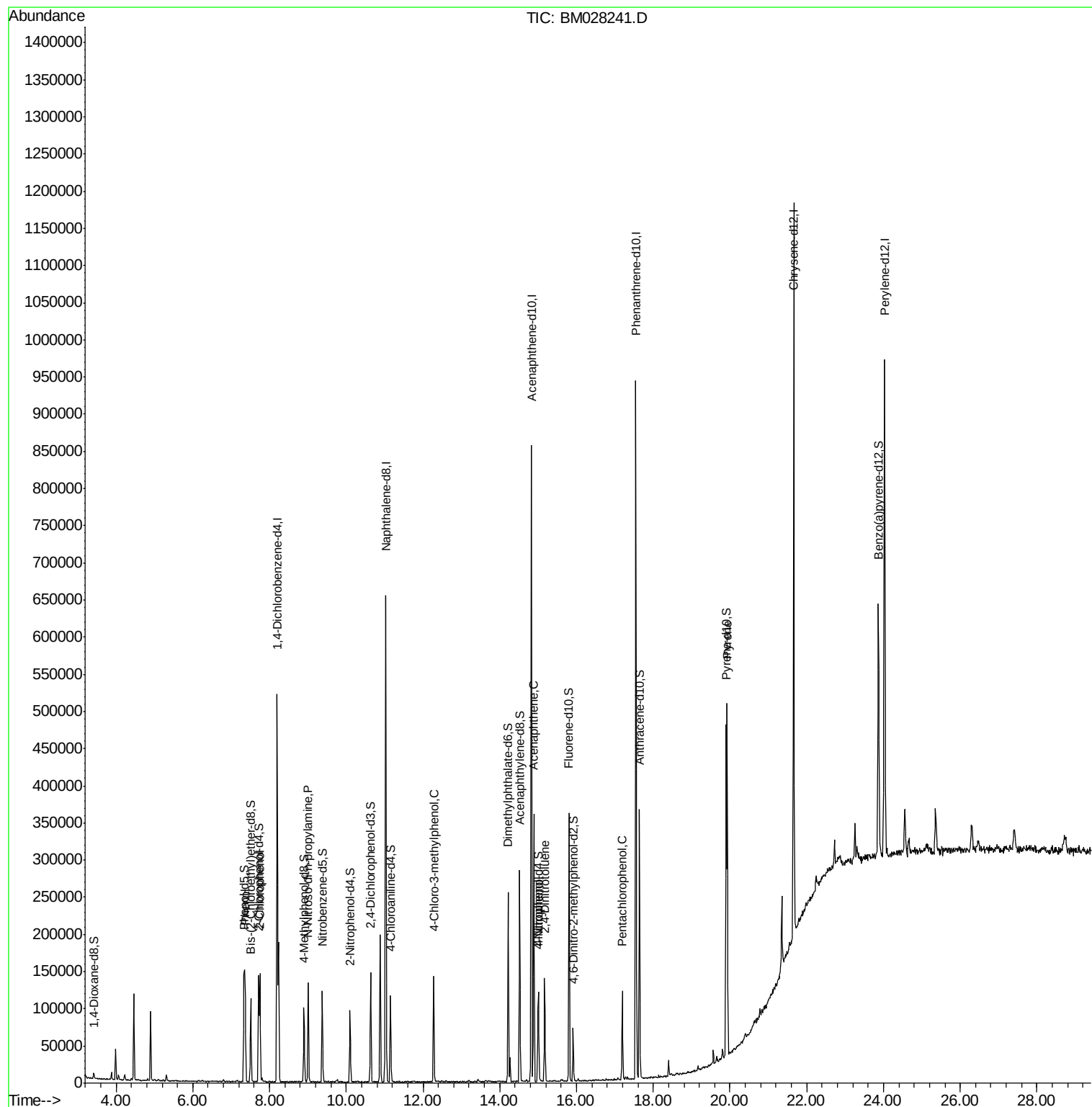
					Ovalue
6) Phenol	7.36	94	76819	6.582	ng/ul 96
10) 2-Chlorophenol	7.75	128	62812	6.250	ng/ul 98
15) N-Nitroso-di-n-propylamine	9.01	70	42952	5.975	ng/ul 93
33) 4-Chloro-3-methylphenol	12.28	107	46194	5.191	ng/ul 95
50) Acenaphthene	14.89	153	135229	6.789	ng/ul 97
53) 4-Nitrophenol	15.01	109	13927	4.510	ng/ul 97
55) 2,4-Dinitrotoluene	15.17	165	36370	5.958	ng/ul 93
69) Pentachlorophenol	17.19	266	19721	4.970	ng/ul 98
80) Pvrene	19.93	202	267738	7.692	ng/ul 100

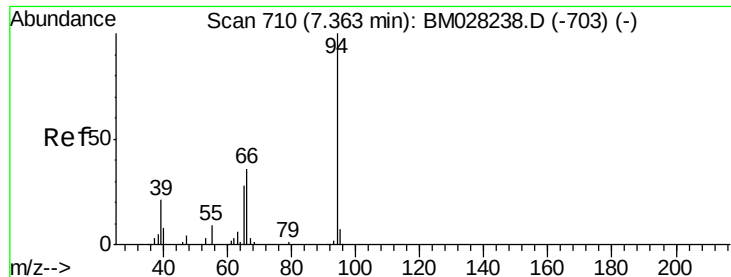
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.582 ng/ul

RT: 7.36 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM028241.D

Acq: 22 Dec 2020 17:52

Instrument :

BNA_M

ClientSampleId :

SSTD02018

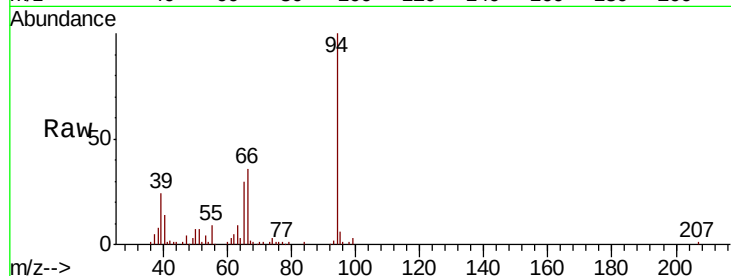
Tot Ion: 94 Resp: 76819

Ion Ratio Lower Upper

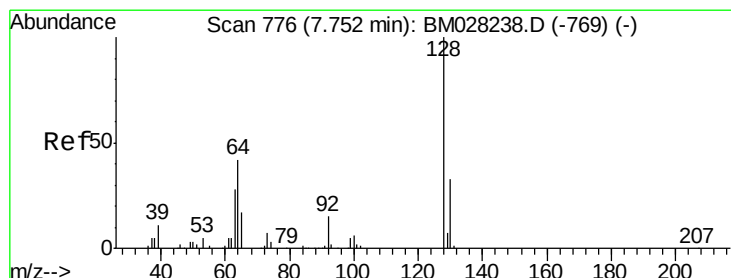
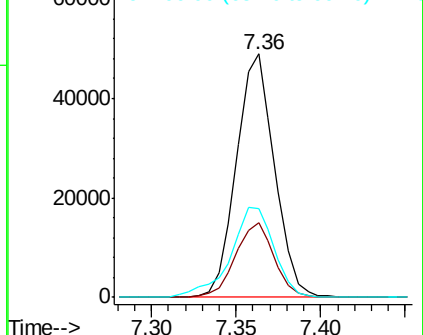
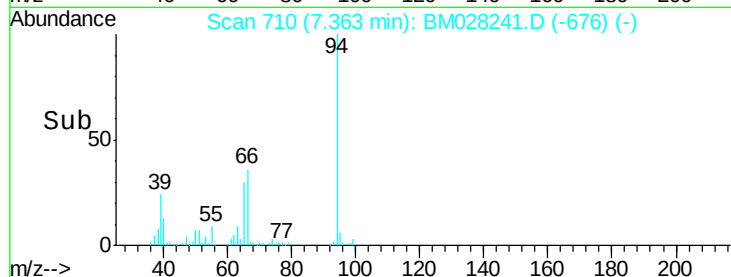
94 100

65 30.5 25.4 38.0

66 36.4 31.5 47.3



Abundance Ion 94.00 (93.70 to 94.70): BM028241.D (-676) (-)



#10

2-Chlorophenol

Concen: 6.250 ng/ul

RT: 7.75 min Scan# 776

Delta R.T. -0.00 min

Lab File: BM028241.D

Acq: 22 Dec 2020 17:52

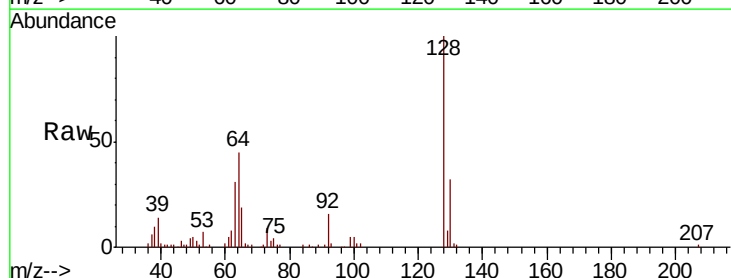
Tgt Ion: 128 Resp: 62812

Ion Ratio Lower Upper

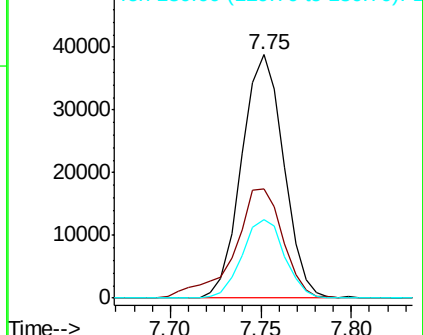
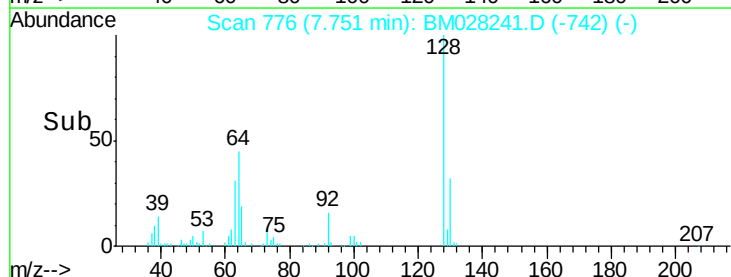
128 100

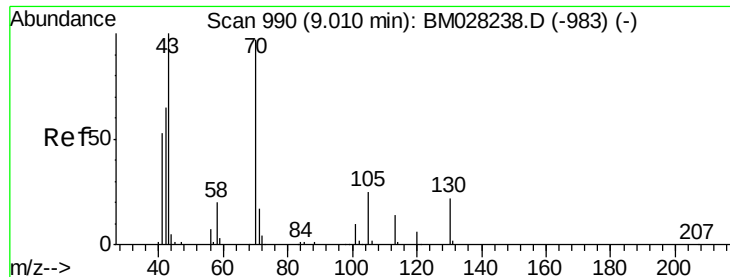
64 44.6 37.4 56.0

130 32.5 25.8 38.6



Abundance Ion 128.00 (127.70 to 128.70): BM028241.D (-742) (-)

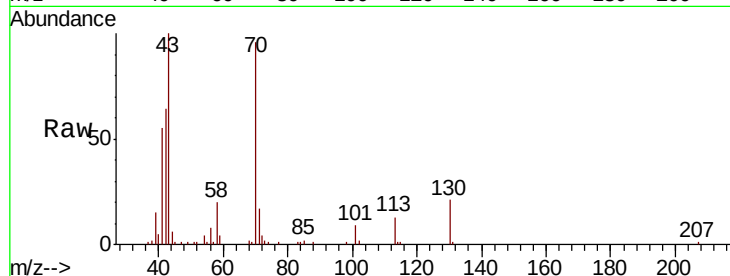




#15
N-Nitroso-di-n-propylamine
Concen: 5.975 ng/ul
RT: 9.01 min Scan# 990
Delta R.T. -0.00 min
Lab File: BM028241.D
Acq: 22 Dec 2020 17:52

Instrument :
BNA_M
ClientSampleId :
SSTD02018

Tot Ion:	70	Resp:	42952
Ion	Ratio	Lower	Upper
70	100		
42	66.9	59.4	89.2
101	9.1	8.1	12.1
130	21.5	17.5	26.3



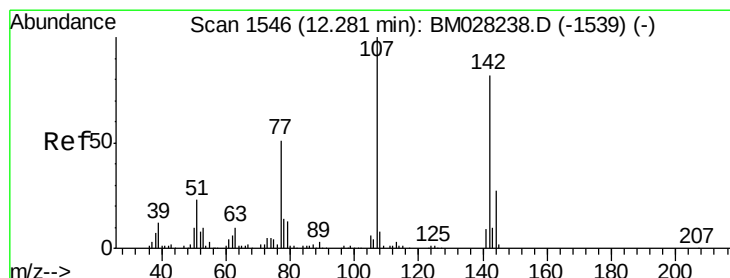
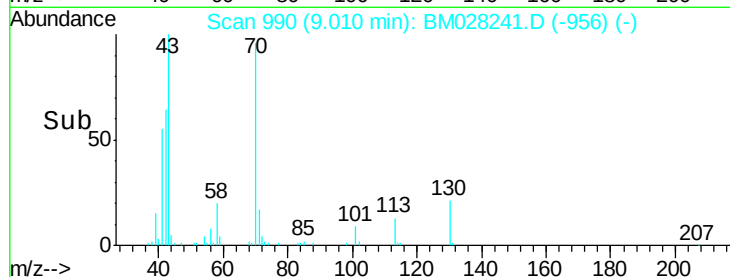
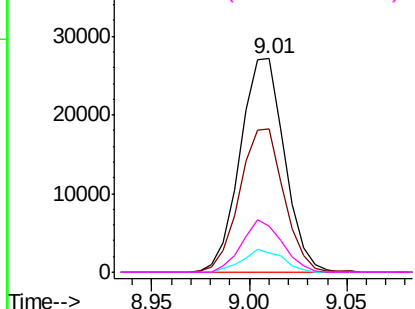
Abundance

Ion 70.00 (69.70 to 70.70): BM028241.D (-956) (-)

Ion 42.00 (41.70 to 42.70): BM028241.D (-956) (-)

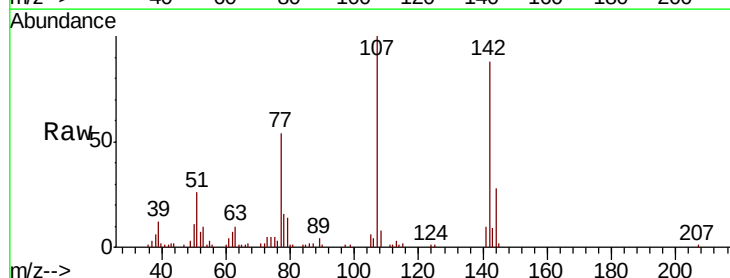
Ion 101.00 (100.70 to 101.70): BM028241.D (-956) (-)

Ion 130.00 (129.70 to 130.70): BM028241.D (-956) (-)



#33
4-Chloro-3-methylphenol
Concen: 5.191 ng/ul
RT: 12.28 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BM028241.D
Acq: 22 Dec 2020 17:52

Tgt Ion:	107	Resp:	46194
Ion	Ratio	Lower	Upper
107	100		
144	28.3	21.8	32.8
142	88.1	65.8	98.8

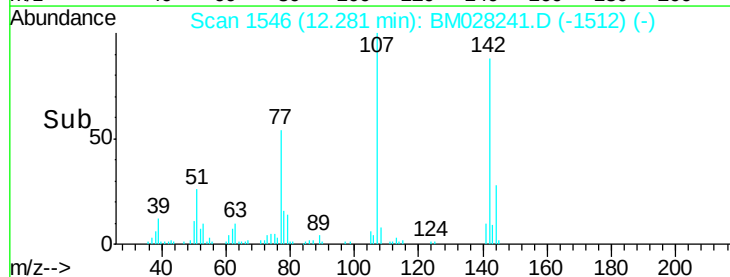
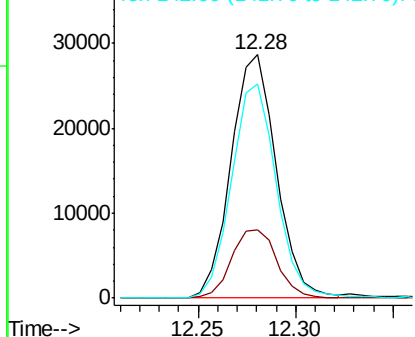


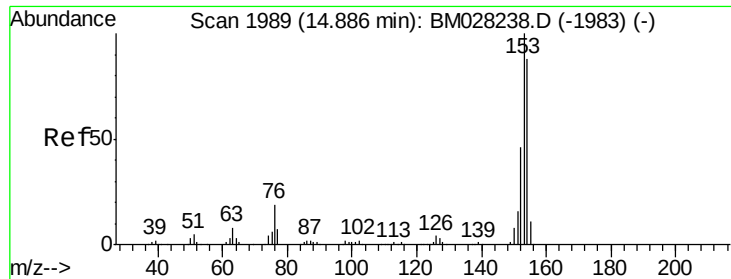
Abundance

Ion 107.00 (106.70 to 107.70): BM028241.D (-1512) (-)

Ion 144.00 (143.70 to 144.70): BM028241.D (-1512) (-)

Ion 142.00 (141.70 to 142.70): BM028241.D (-1512) (-)





#50

Acenaphthene

Concen: 6.789 ng/ul

RT: 14.89 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BM028241.D

Acq: 22 Dec 2020 17:52

Instrument :

BNA_M

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SSTD02018

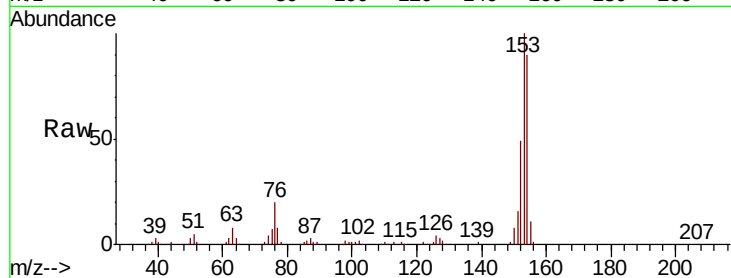
Tot Ion:153 Resp: 135229

Ion Ratio Lower Upper

153 100

152 49.3 36.7 55.1

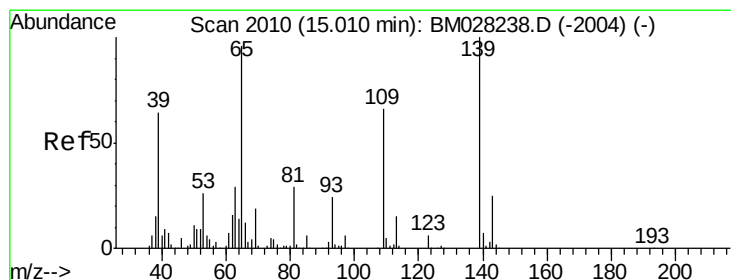
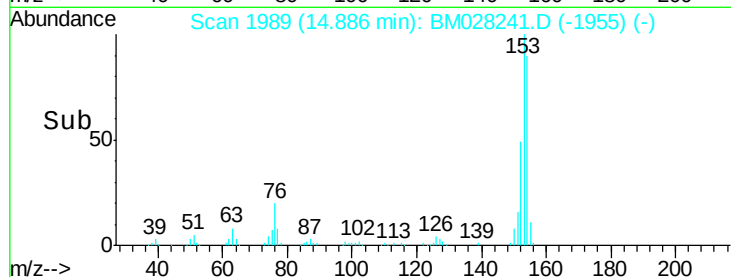
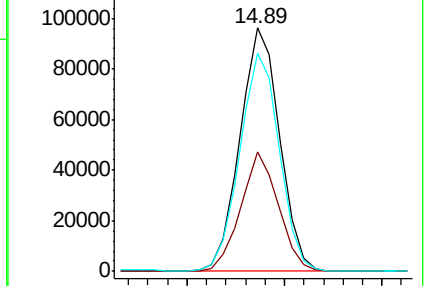
154 89.6 70.6 106.0



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: 4.510 ng/ul

RT: 15.01 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BM028241.D

Acq: 22 Dec 2020 17:52

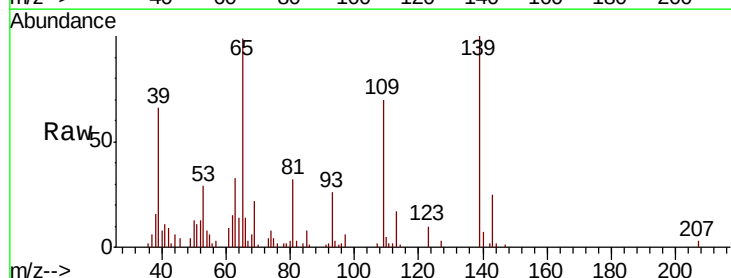
Tgt Ion:109 Resp: 13927

Ion Ratio Lower Upper

109 100

139 142.4 108.6 162.8

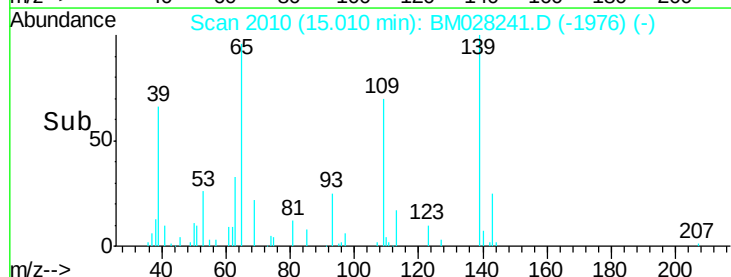
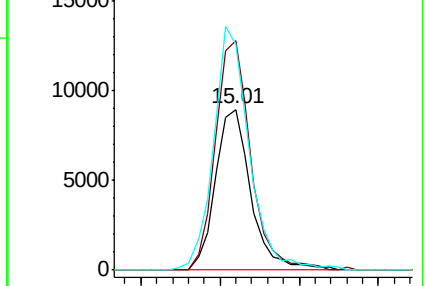
65 140.5 111.9 167.9

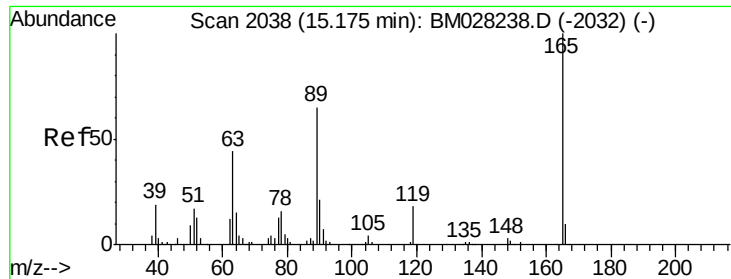


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

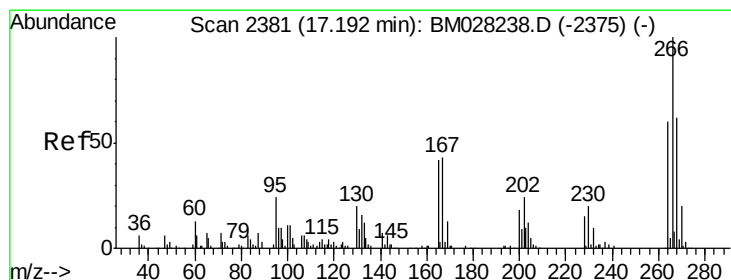
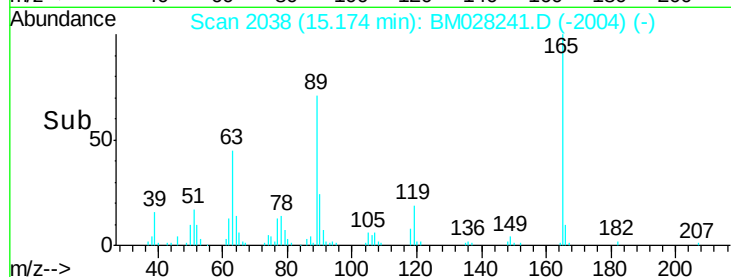
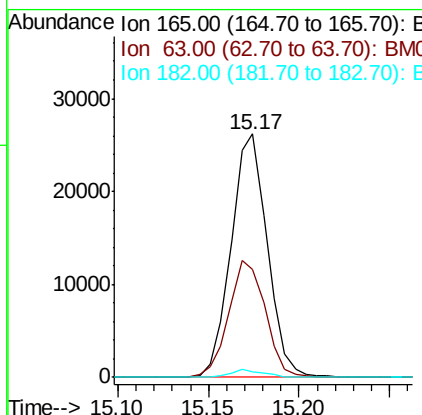
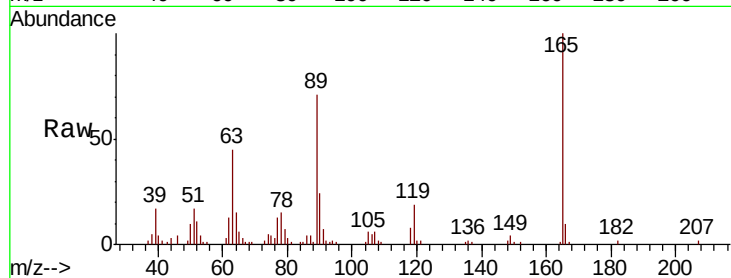




#55
2,4-Dinitrotoluene
Concen: 5.958 ng/ul
RT: 15.17 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BM028241.D
Acq: 22 Dec 2020 17:52

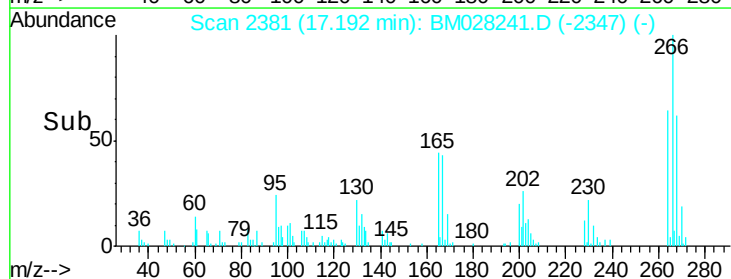
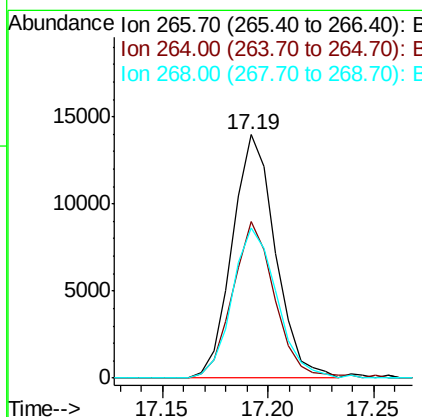
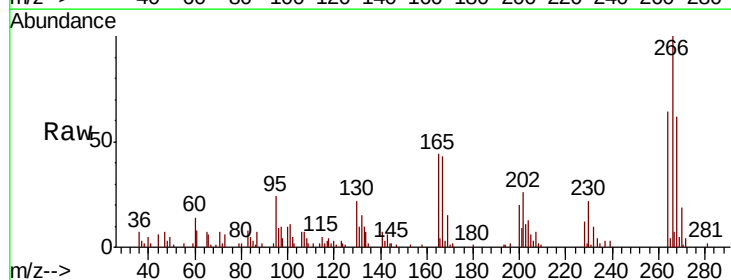
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BNA_M
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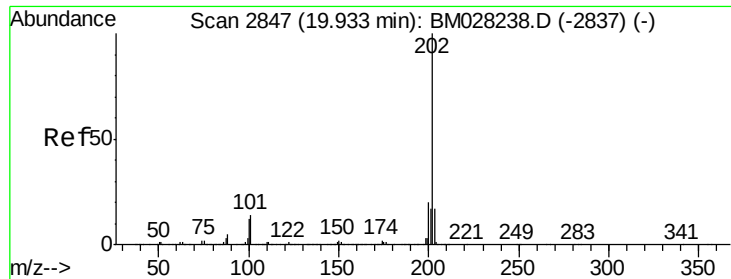
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.5	39.5	59.3
182	2.4	2.3	3.5



#69
Pentachlorophenol
Concen: 4.970 ng/ul
RT: 17.19 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BM028241.D
Acq: 22 Dec 2020 17:52

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.1	48.4	72.6
268	61.7	49.3	73.9





#80

Pvrene

Concen: 7.692 ng/ul

RT: 19.93 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BM028241.D

Acq: 22 Dec 2020 17:52

Instrument :

BNA_M

ClientSampleId :

SSTD02018

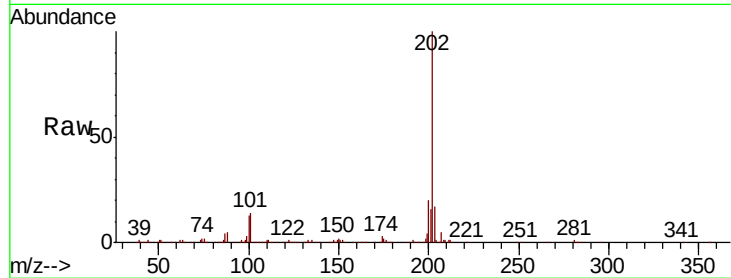
Tot Ion:202 Resp: 267738

Ion Ratio Lower Upper

202 100

101 14.5 11.5 17.3

100 12.7 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

