

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
 Data File : BM027414.D
 Acq On : 15 Sep 2020 16:28
 Operator : JU/CG
 Sample : L3999-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H17Y3MSD

Quant Time: Sep 15 16:59:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 15 13:17:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	112688	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	395749	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	252122	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	546047	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	574148	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	654426	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	7826	3.09	ng/uL	0.00
5) Phenol-d5	6.75	99	105557	11.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	85387	13.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	89931	13.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	81917	10.81	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	43896	14.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	44422	13.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	85026	12.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	86450	10.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	293928	14.65	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	334942	14.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	23412	6.63	ng/ul	0.00
58) Fluorene-d10	15.20	176	256228	14.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	22404	6.41	ng/ul	0.00
71) Anthracene-d10	17.04	188	400416	15.51	ng/ul	0.00
79) Pyrene-d10	19.34	212	496622	19.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	553780	15.78	ng/ul	0.00

Target Compounds

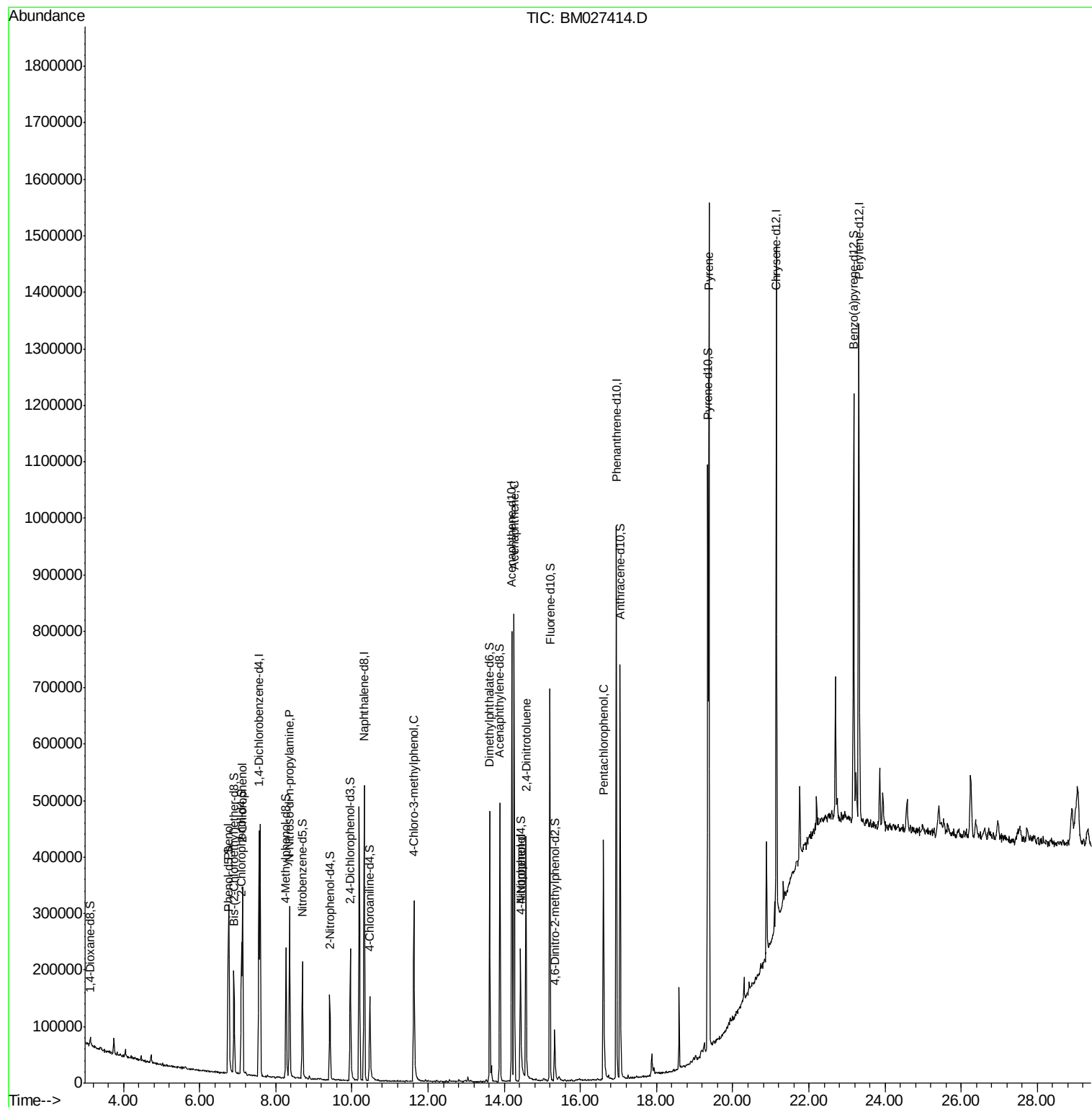
					Ovalue
6) Phenol	6.78	94	158276	16.034	ng/ul 90
10) 2-Chlorophenol	7.13	128	128191	18.071	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.36	70	129116	17.748	ng/ul 98
33) 4-Chloro-3-methylphenol	11.63	107	125021	16.766	ng/ul 100
50) Acenaphthene	14.26	153	310730	18.913	ng/ul 99
53) 4-Nitrophenol	14.43	109	49583	13.466	ng/ul 96
55) 2,4-Dinitrotoluene	14.57	165	111893	18.006	ng/ul 100
69) Pentachlorophenol	16.60	266	80689	17.182	ng/ul 98
80) Pvrene	19.37	202	839983	24.184	ng/ul 99

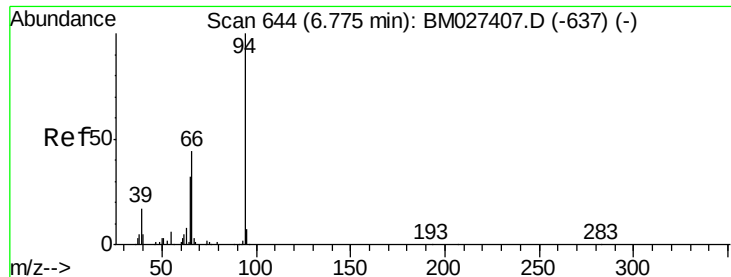
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 16.034 ng/ul

RT: 6.78 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM027414.D

Acq: 15 Sep 2020 16:28

Instrument :

BNA_M

ClientSampleId :

H17Y3MSD

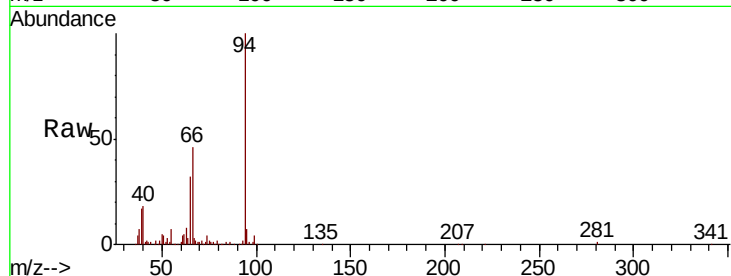
Tot Ion: 94 Resp: 158276

Ion Ratio Lower Upper

94 100

65 32.0 30.2 45.4

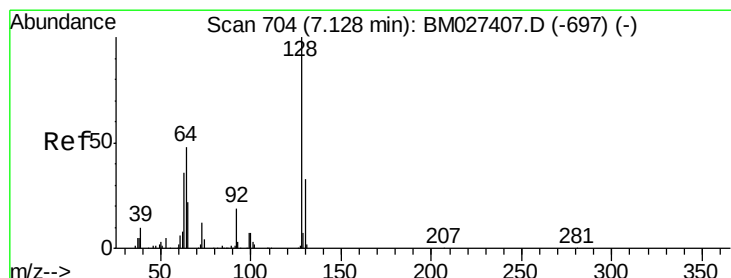
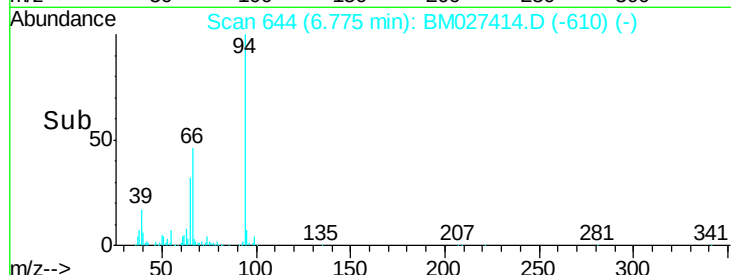
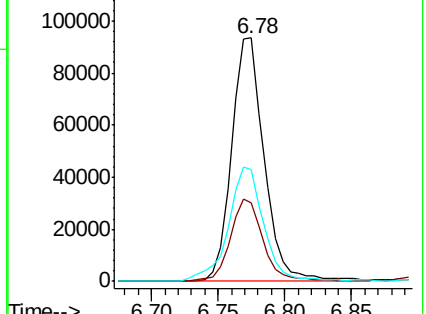
66 45.7 42.4 63.6



Abundance Ion 94.00 (93.70 to 94.70): BM027414.D (-610) (-)

Ion 65.00 (64.70 to 65.70): BM027414.D (-610) (-)

Ion 66.00 (65.70 to 66.70): BM027414.D (-610) (-)



#10

2-Chlorophenol

Concen: 18.071 ng/ul

RT: 7.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BM027414.D

Acq: 15 Sep 2020 16:28

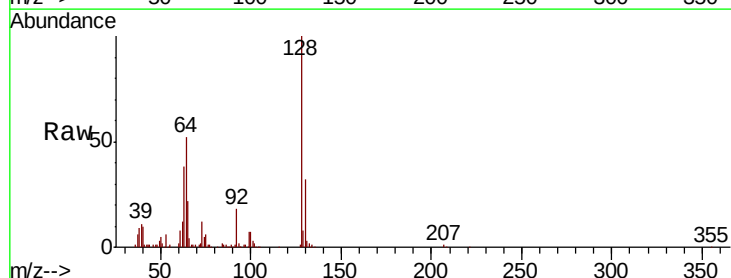
Tgt Ion: 128 Resp: 128191

Ion Ratio Lower Upper

128 100

64 51.6 41.1 61.7

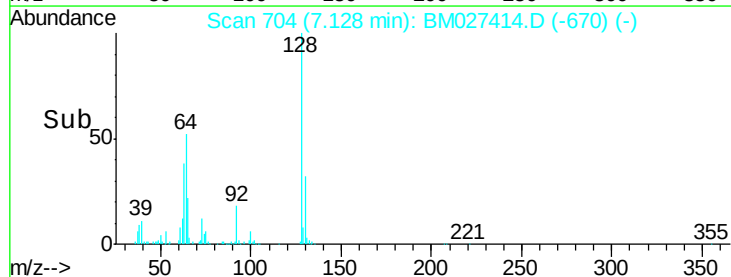
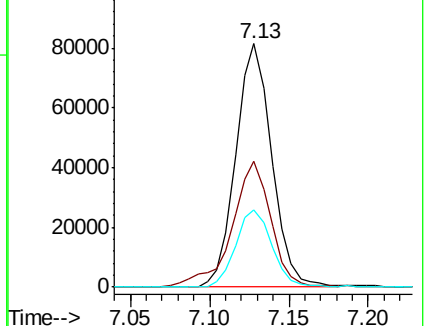
130 31.7 26.8 40.2

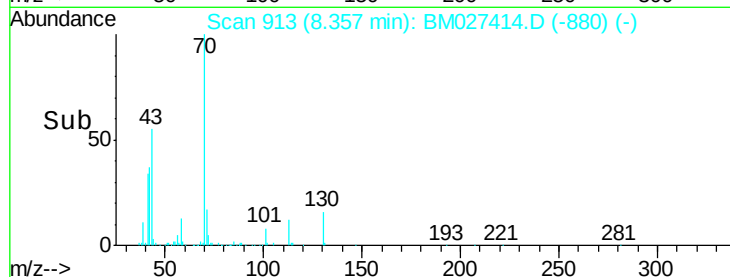
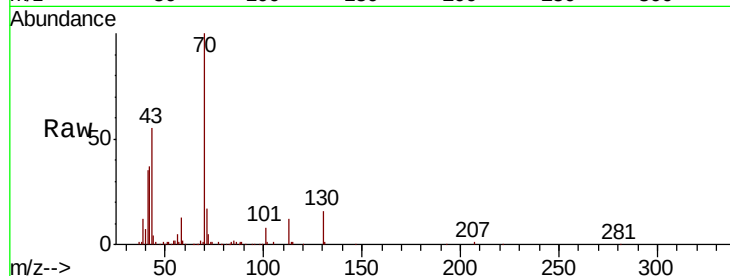
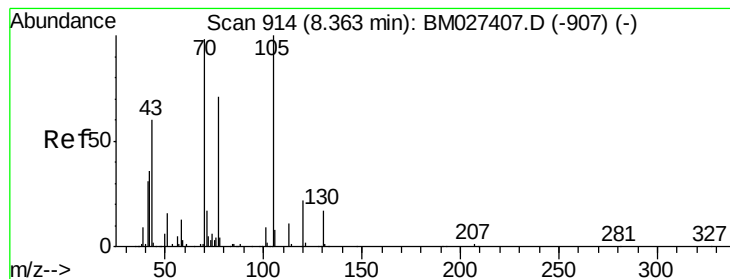


Abundance Ion 128.00 (127.70 to 128.70): BM027414.D (-670) (-)

Ion 64.00 (63.70 to 64.70): BM027414.D (-670) (-)

Ion 130.00 (129.70 to 130.70): BM027414.D (-670) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 17.748 ng/ul

RT: 8.36 min Scan# 913

Delta R.T. -0.01 min

Lab File: BM027414.D

Acq: 15 Sep 2020 16:28

Instrument :

BNA_M

ClientSampleId :

H17Y3MSD

Tot Ion: 70 Resp: 129116

Ion Ratio Lower Upper

70 100

42 37.3 31.0 46.4

101 7.7 7.0 10.6

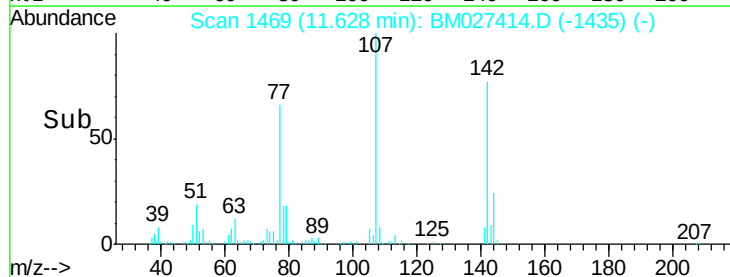
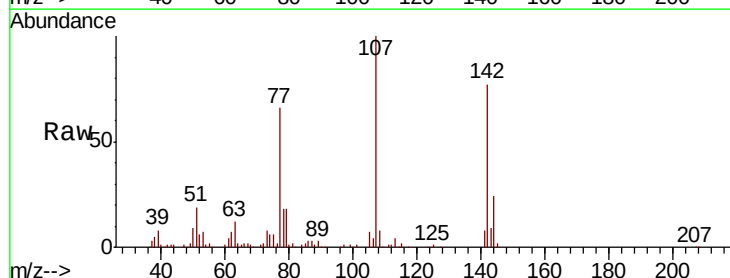
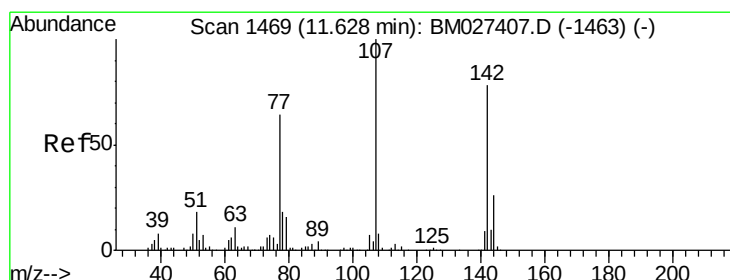
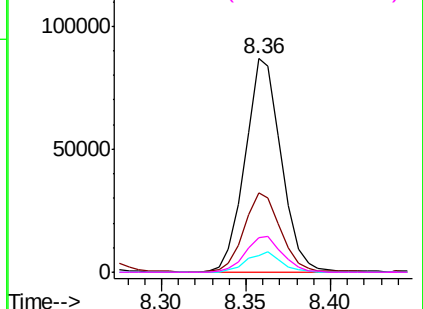
130 16.4 13.6 20.4

Abundance Ion 70.00 (69.70 to 70.70): BM027407.D (-907) (-)

Ion 42.00 (41.70 to 42.70): BM027407.D (-907) (-)

Ion 101.00 (100.70 to 101.70): BM027407.D (-907) (-)

Ion 130.00 (129.70 to 130.70): BM027407.D (-907) (-)



#33

4-Chloro-3-methylphenol

Concen: 16.766 ng/ul

RT: 11.63 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BM027414.D

Acq: 15 Sep 2020 16:28

Tgt Ion: 107 Resp: 125021

Ion Ratio Lower Upper

107 100

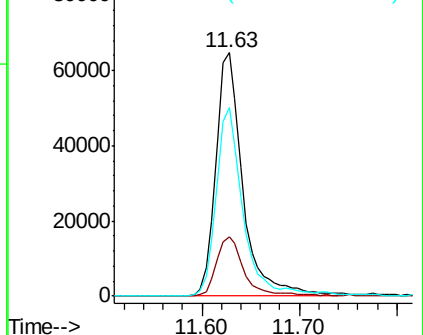
144 24.2 19.7 29.5

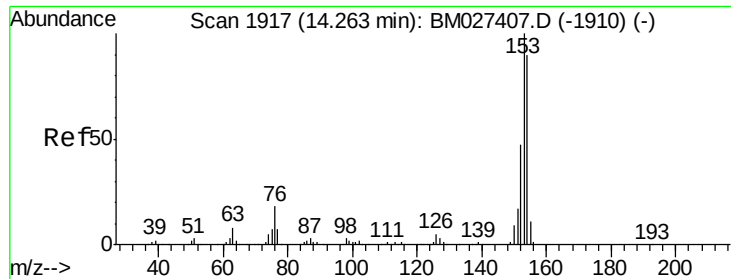
142 77.3 62.0 93.0

Abundance Ion 107.00 (106.70 to 107.70): BM027407.D (-1463) (-)

Ion 144.00 (143.70 to 144.70): BM027407.D (-1463) (-)

Ion 142.00 (141.70 to 142.70): BM027407.D (-1463) (-)





#50

Acenaphthene

Concen: 18.913 ng/ul

RT: 14.26 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM027414.D

Acq: 15 Sep 2020 16:28

Instrument :

BNA_M

ClientSampleId :

H17Y3MSD

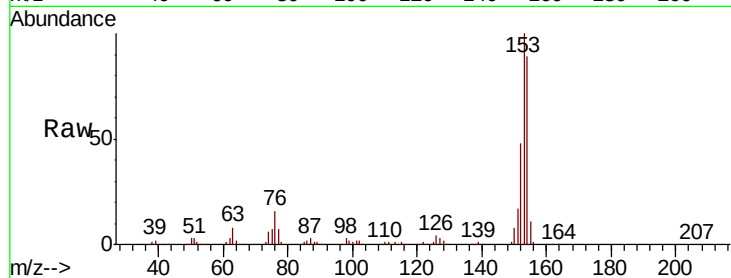
Tot Ion:153 Resp: 310730

Ion Ratio Lower Upper

153 100

152 47.8 38.1 57.1

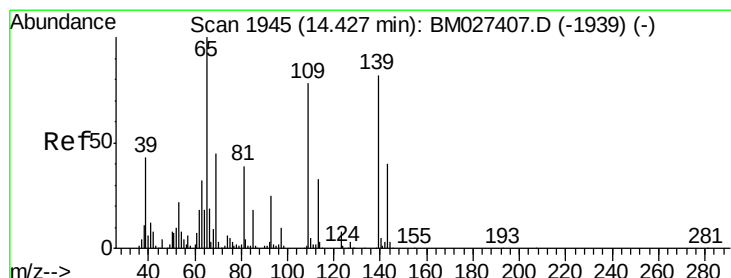
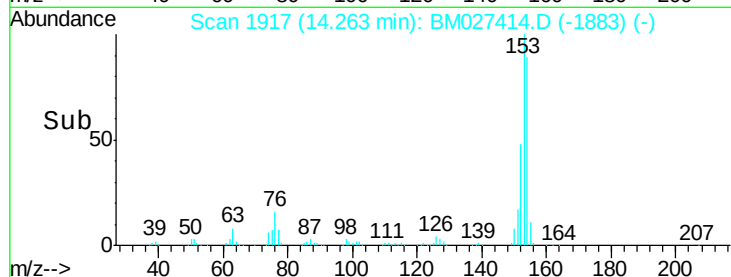
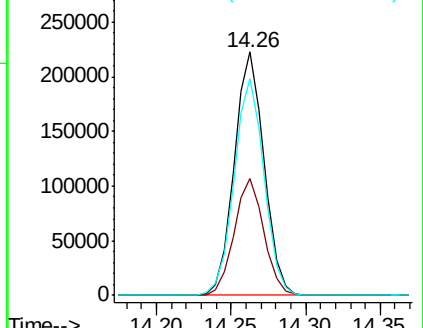
154 88.9 72.5 108.7



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: 13.466 ng/ul

RT: 14.43 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BM027414.D

Acq: 15 Sep 2020 16:28

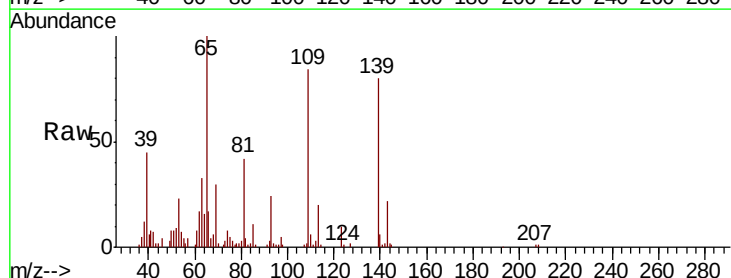
Tgt Ion:109 Resp: 49583

Ion Ratio Lower Upper

109 100

139 95.8 80.8 121.2

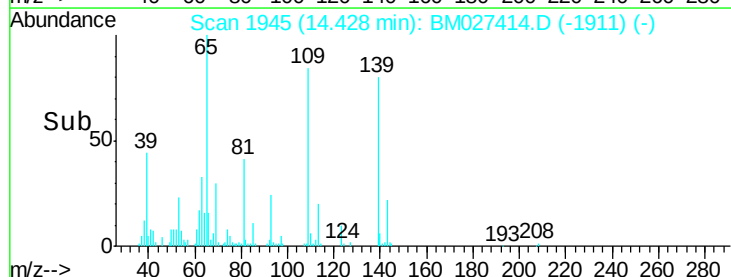
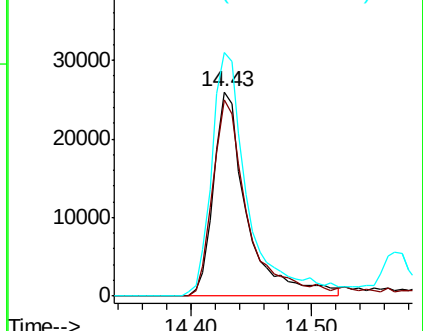
65 119.1 98.6 147.8

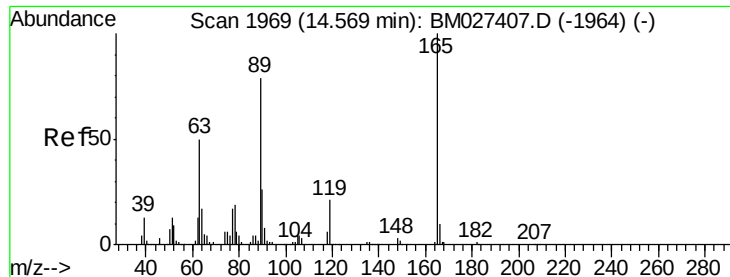


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

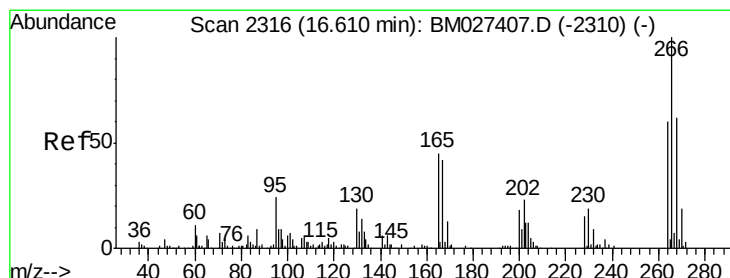
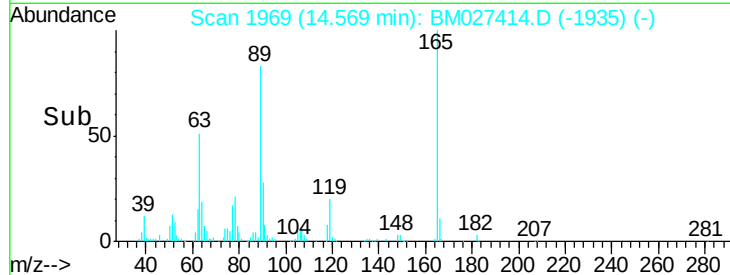
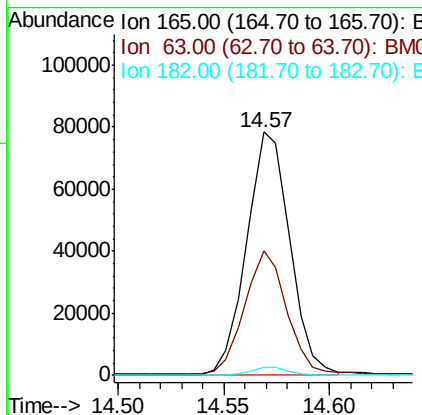
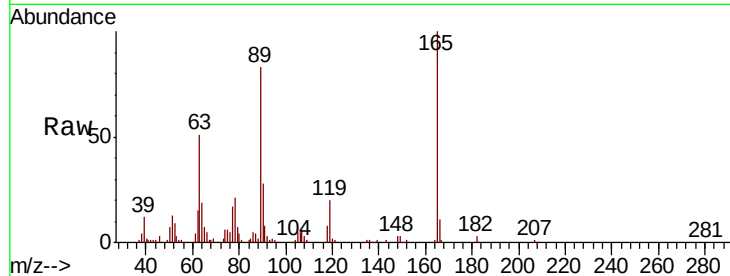




#55
 2,4-Dinitrotoluene
 Concen: 18.006 ng/ul
 RT: 14.57 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BM027414.D
 Acq: 15 Sep 2020 16:28

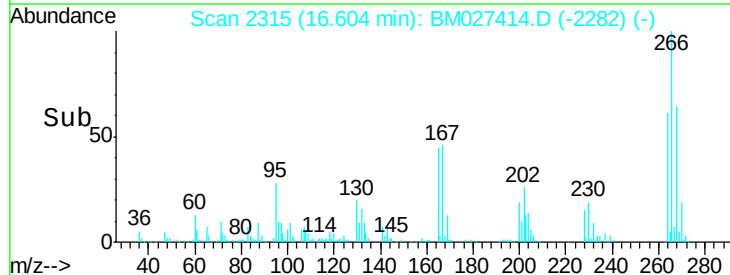
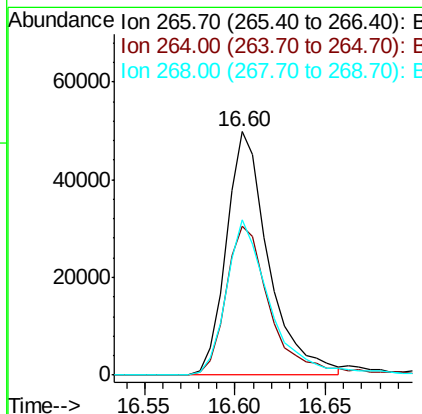
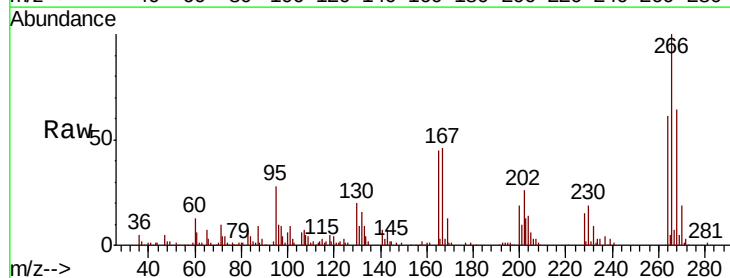
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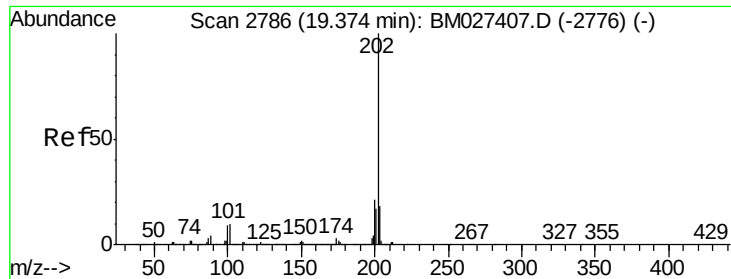
Tot Ion:165	Resp:	111893
Ion Ratio	Lower	Upper
165	100	
63	51.0	41.0 61.6
182	3.3	2.3 3.5



#69
 Pentachlorophenol
 Concen: 17.182 ng/ul
 RT: 16.60 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BM027414.D
 Acq: 15 Sep 2020 16:28

Tgt Ion:266	Resp:	80689
Ion Ratio	Lower	Upper
266	100	
264	61.3	50.0 75.0
268	63.6	49.4 74.0





#80

Pvrene

Concen: 24.184 ng/ul

RT: 19.37 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM027414.D

Acq: 15 Sep 2020 16:28

Instrument :

BNA_M

ClientSampleId :

H17Y3MSD

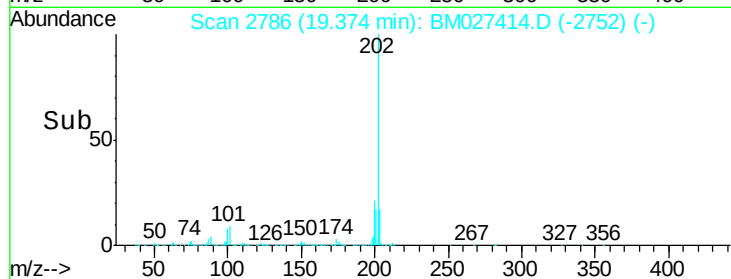
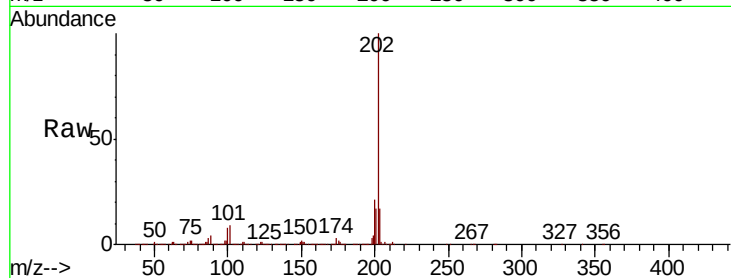
Tot Ion:202 Resp: 839983

Ion Ratio Lower Upper

202 100

101 9.5 7.1 10.7

100 8.0 6.1 9.1



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

