

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022342.D
 Acq On : 26 Aug 2019 21:59
 Operator : HP/JU
 Sample : K4357-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 27 11:58:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 11:54:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	38804	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	172505	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.20	164	121557	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	274825	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	241185	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	230536	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	7943	9.16	ng/uL	0.00
5) Phenol-d5	6.75	99	102194	30.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	66684	34.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	94503	34.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	85732	29.54	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	48882	38.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	58222	38.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	110865	36.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	108553	29.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	388209	36.26	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	431506	37.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	37554	23.68	ng/ul	0.00
57) Fluorene-d10	15.21	176	335659	37.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	44932	21.19	ng/ul	0.00
70) Anthracene-d10	17.07	188	548527	37.69	ng/ul	0.00
78) Pyrene-d10	19.38	212	674672	53.82	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	484674	38.27	ng/ul	0.00

Target Compounds

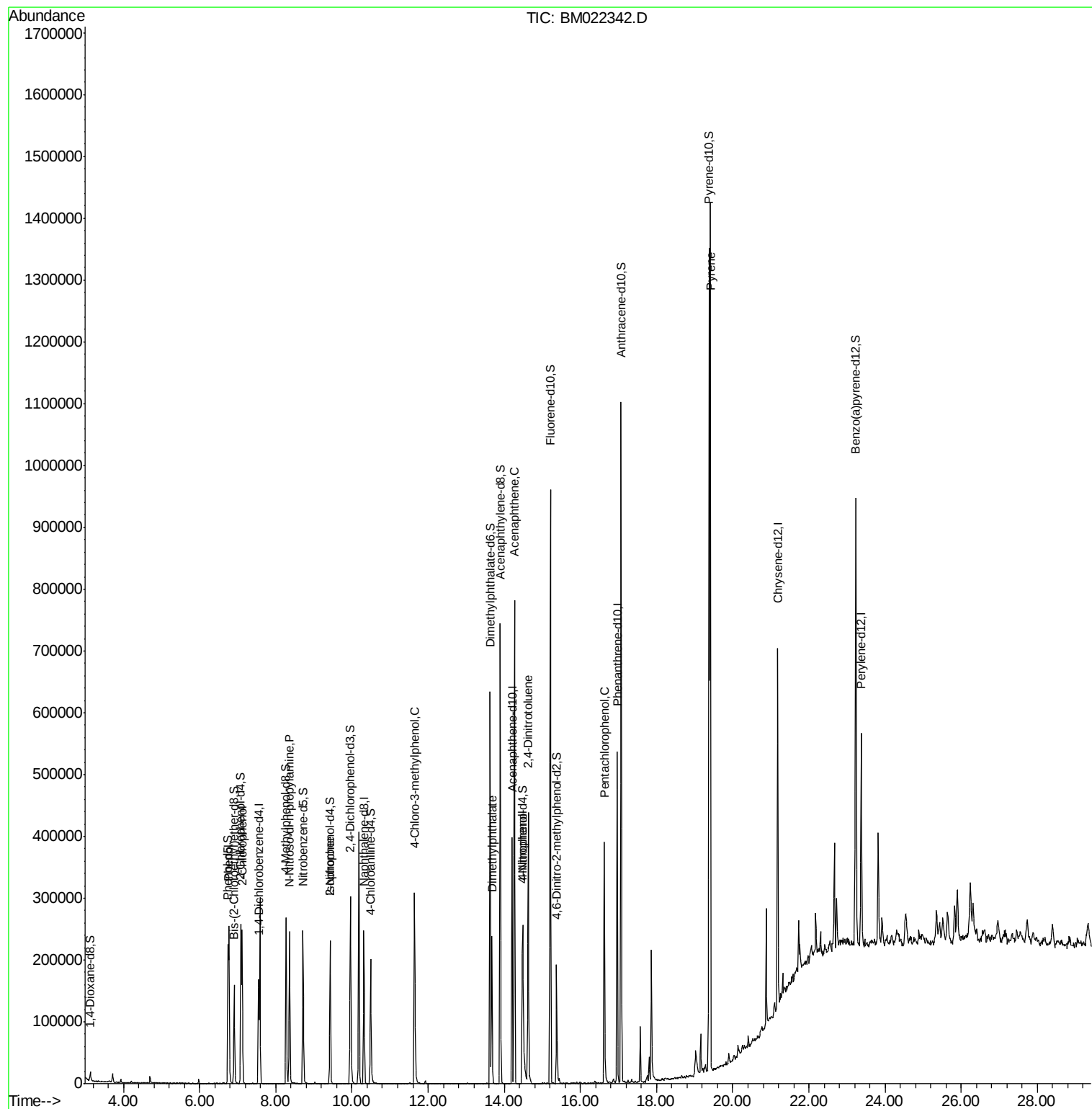
					Ovalue	
6) Phenol	6.77	94	108003	30.118	ng/ul	96
10) 2-Chlorophenol	7.12	128	88563	31.552	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.36	70	79933	31.471	ng/ul	97
21) Isophorone	9.42	82	7896	1.144	ng/ul#	66
33) 4-Chloro-3-methylphenol	11.65	107	111179	32.614	ng/ul	97
44) Dimethylphthalate	13.68	163	142110	13.047	ng/ul#	99
49) Acenaphthene	14.27	153	287071	33.818	ng/ul	99
52) 4-Nitrophenol	14.49	109	61745	23.430	ng/ul	98
54) 2,4-Dinitrotoluene	14.63	165	105996	32.784	ng/ul	86
68) Pentachlorophenol	16.63	266	72243	27.283	ng/ul	97
79) Pyrene	19.41	202	763788	48.926	ng/ul#	95

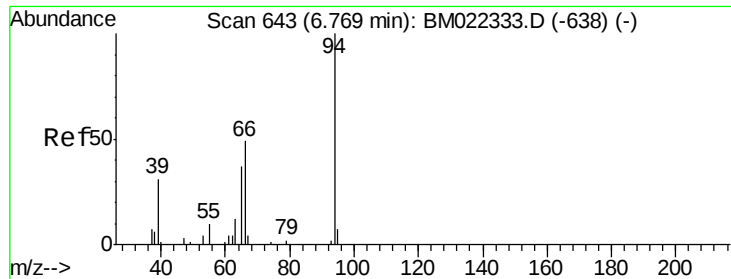
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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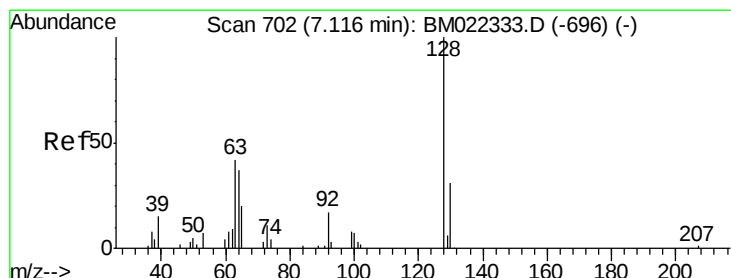
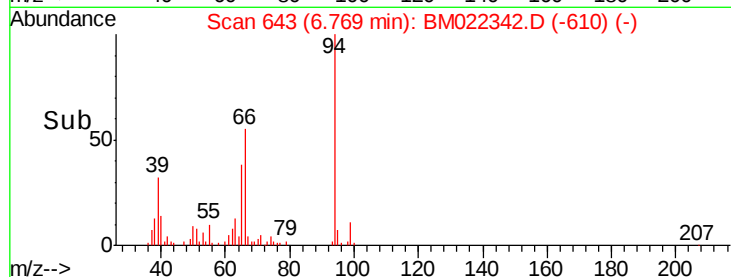
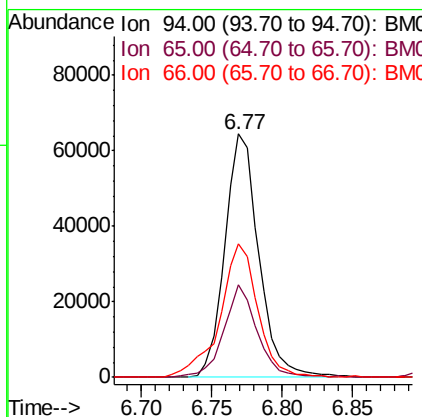
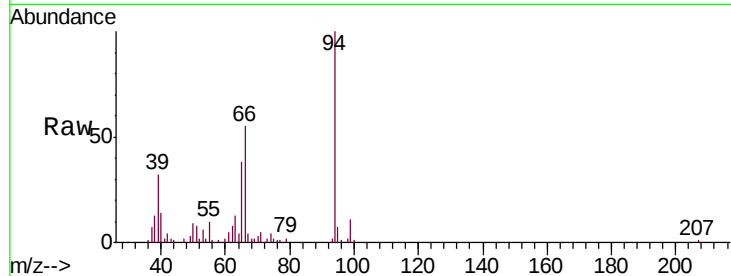
#6

Phenol

Concen: 30.118 ng/ul
 RT: 6.77 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BM022342.D
 Acq: 26 Aug 2019 21:59

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	94	Resp	108003
Ion Ratio	Lower	Upper	
94	100		
65	38.0	29.2	43.8
66	54.6	40.6	60.8

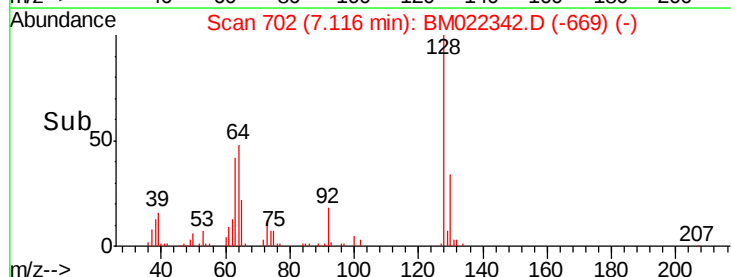
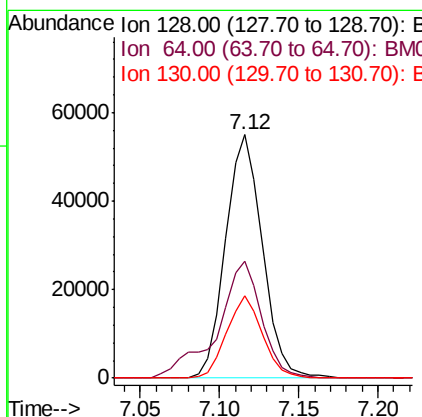
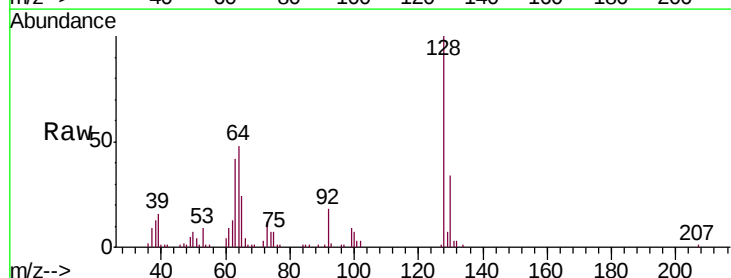


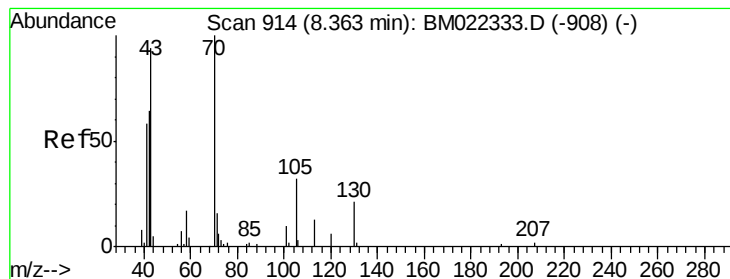
#10

2-Chlorophenol

Concen: 31.552 ng/ul
 RT: 7.12 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BM022342.D
 Acq: 26 Aug 2019 21:59

Tgt Ion	128	Resp	88563
Ion Ratio	Lower	Upper	
128	100		
64	48.3	38.6	57.8
130	34.1	27.0	40.6





#15

N-Nitroso-di-n-propylamine

Concen: 31.471 ng/ul

RT: 8.36 min Scan# 913

Delta R.T. -0.01 min

Lab File: BM022342.D

Acq: 26 Aug 2019 21:59

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 79933

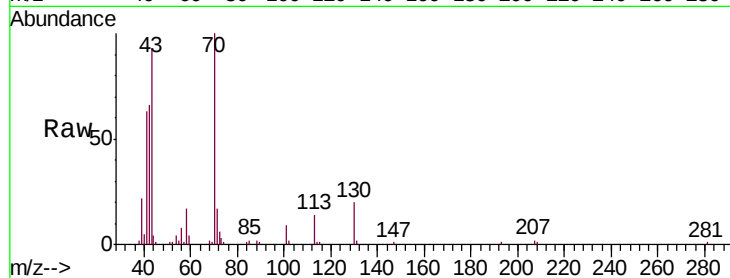
Ion Ratio Lower Upper

70 100

42 65.7 55.1 82.7

101 9.5 8.0 12.0

130 19.6 15.7 23.5

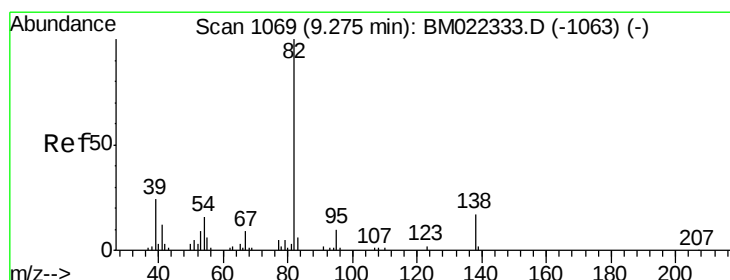
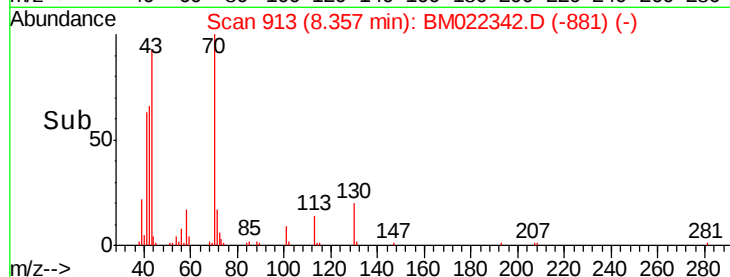
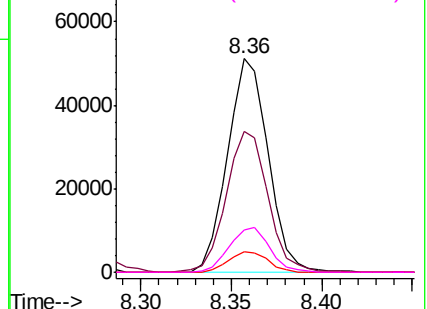


Abundance Ion 70.00 (69.70 to 70.70): BM022333.D (-908) (-)

Ion 42.00 (41.70 to 42.70): BM022333.D (-908) (-)

Ion 101.00 (100.70 to 101.70): BM022333.D (-908) (-)

Ion 130.00 (129.70 to 130.70): BM022333.D (-908) (-)



#21

Isophorone

Concen: 1.144 ng/ul

RT: 9.42 min Scan# 1094

Delta R.T. 0.14 min

Lab File: BM022342.D

Acq: 26 Aug 2019 21:59

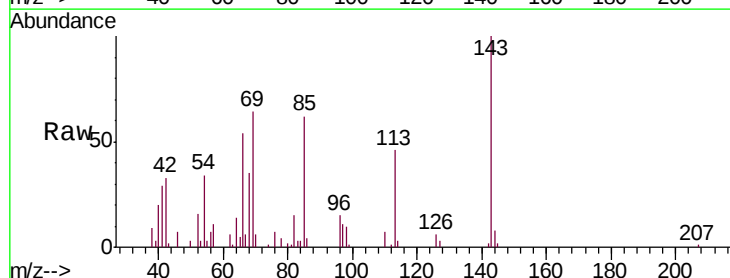
Tgt Ion: 82 Resp: 7896

Ion Ratio Lower Upper

82 100

95 0.0 7.2 10.8#

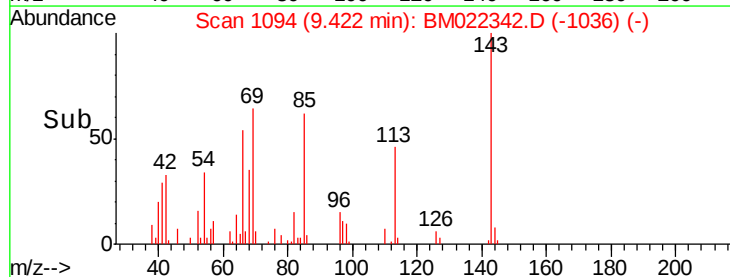
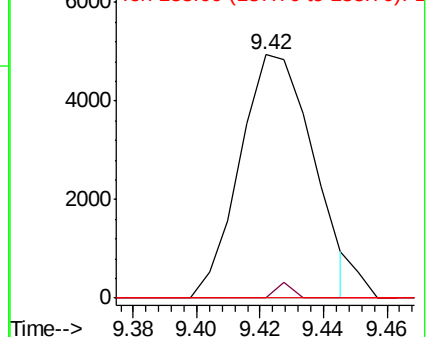
138 0.0 13.8 20.6#

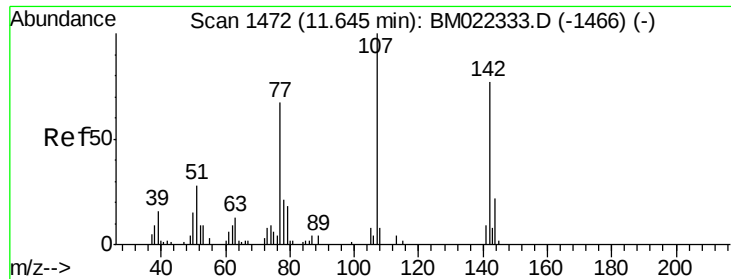


Abundance Ion 82.00 (81.70 to 82.70): BM022333.D (-1063) (-)

Ion 95.00 (94.70 to 95.70): BM022333.D (-1063) (-)

Ion 138.00 (137.70 to 138.70): BM022333.D (-1063) (-)

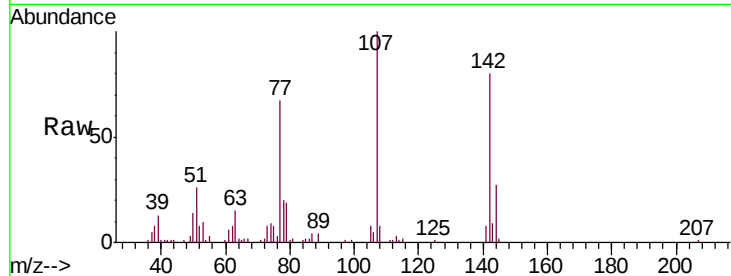




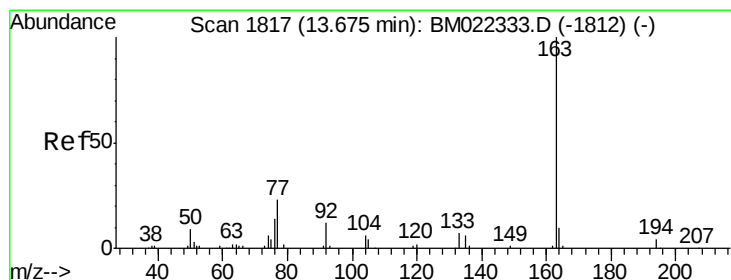
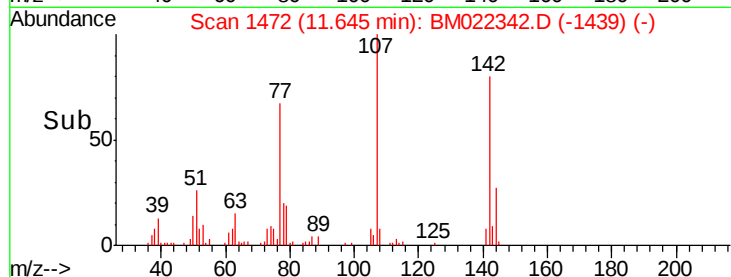
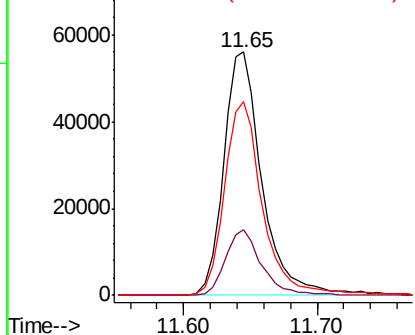
#33
 4-Chloro-3-methylphenol
 Concen: 32.614 ng/ul
 RT: 11.65 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BM022342.D
 Acq: 26 Aug 2019 21:59

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.8	19.8	29.8
142	79.6	61.5	92.3

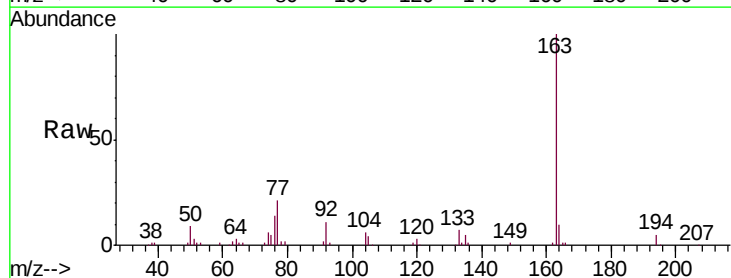


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

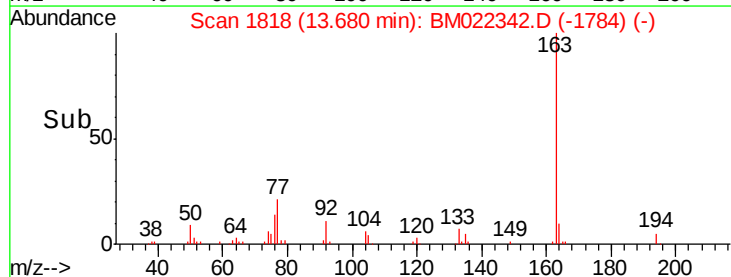
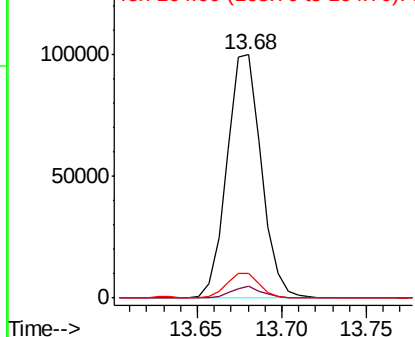


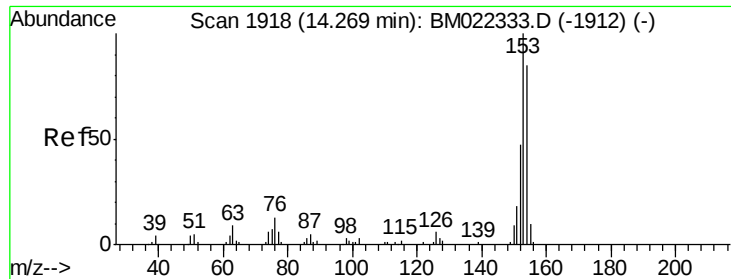
#44
 Dimethylphthalate
 Concen: 13.047 ng/ul
 RT: 13.68 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BM022342.D
 Acq: 26 Aug 2019 21:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.0	4.6#
164	10.0	7.8	11.8



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





#49

Acenaphthene

Concen: 33.818 ng/ul

RT: 14.27 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BM022342.D

Acq: 26 Aug 2019 21:59

Instrument :

BNA_M

ClientSampleId :

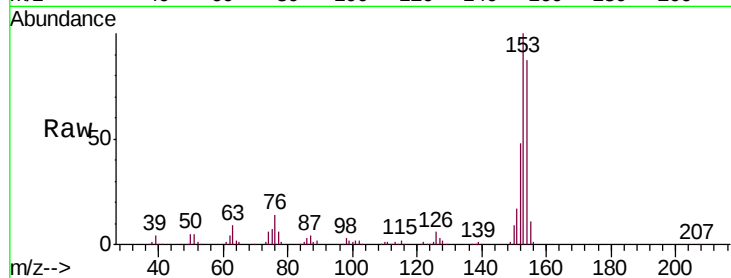
Tot Ion:153 Resp: 287071

Ion Ratio Lower Upper

153 100

152 47.8 38.6 58.0

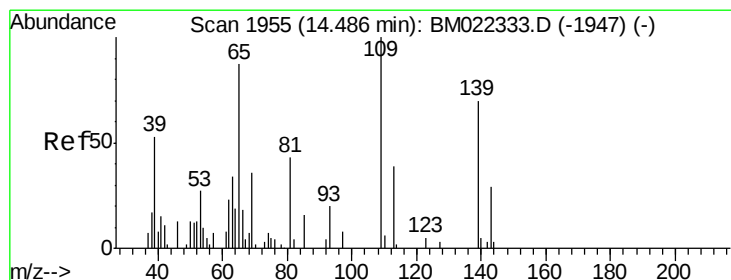
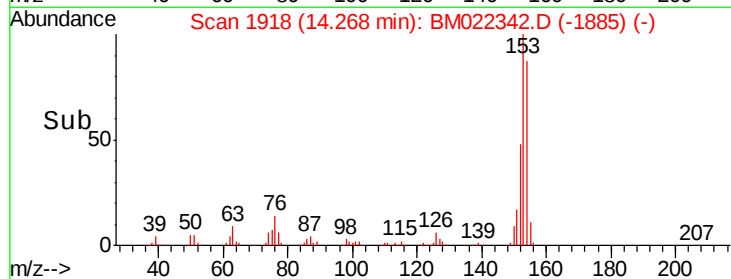
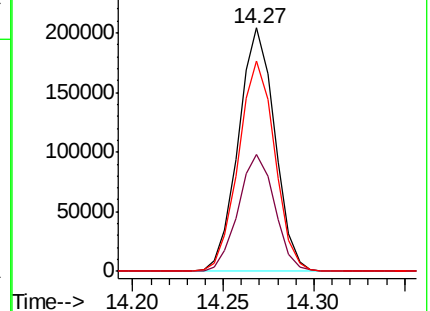
154 86.6 68.9 103.3



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



#52

4-Nitrophenol

Concen: 23.430 ng/ul

RT: 14.49 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BM022342.D

Acq: 26 Aug 2019 21:59

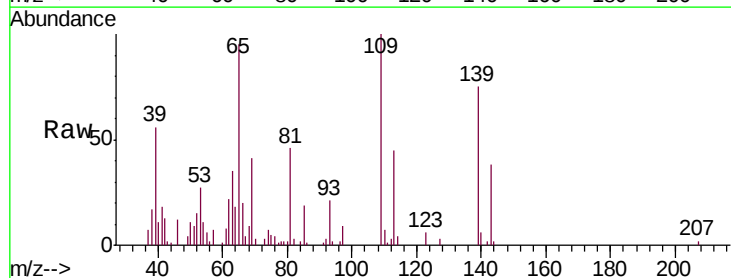
Tgt Ion:109 Resp: 61745

Ion Ratio Lower Upper

109 100

139 75.4 61.0 91.4

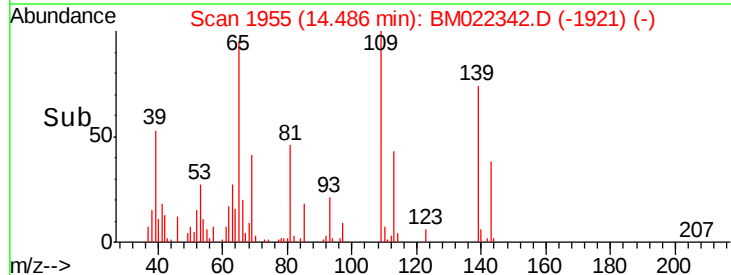
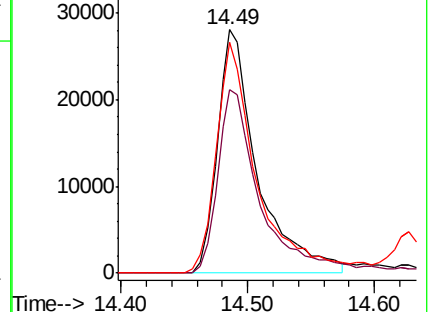
65 94.6 73.4 110.2

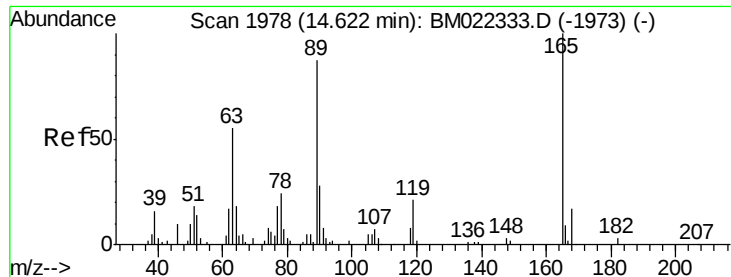


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

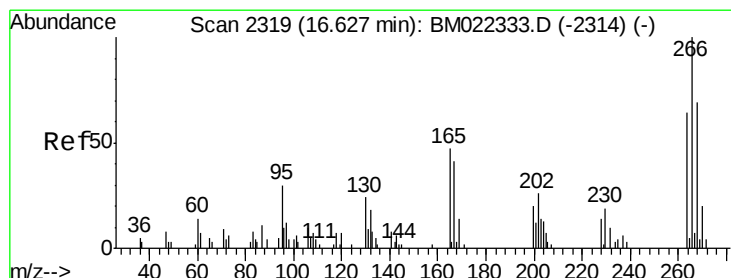
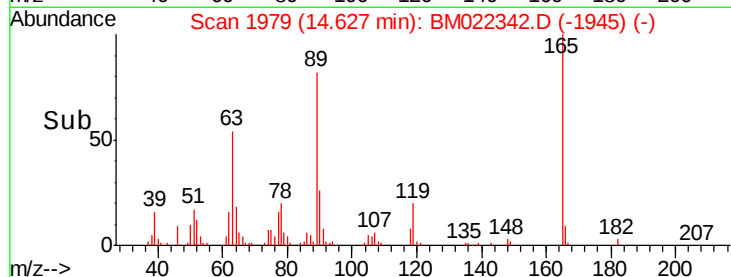
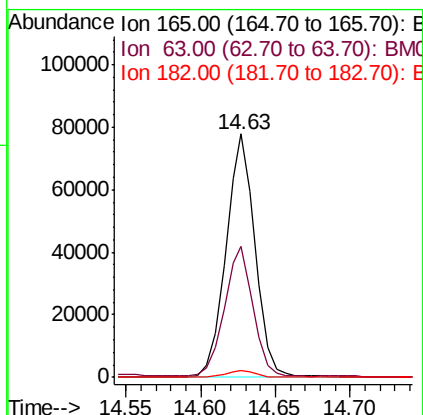
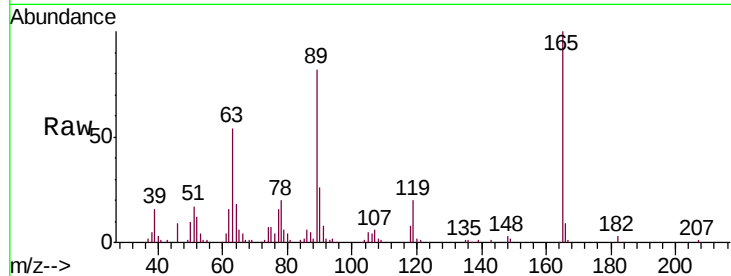




#54
2,4-Dinitrotoluene
Concen: 32.784 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BM022342.D
Acq: 26 Aug 2019 21:59

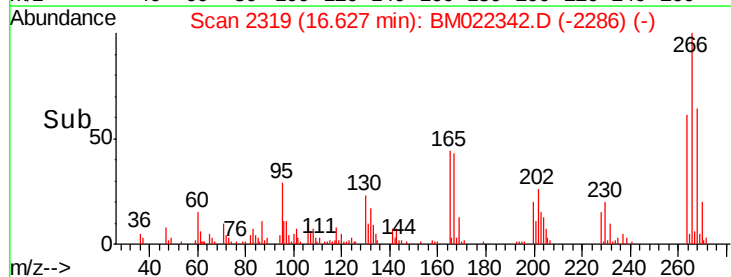
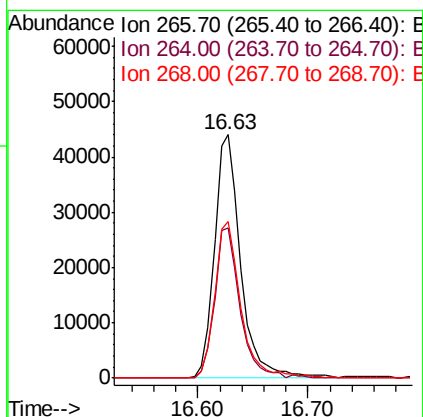
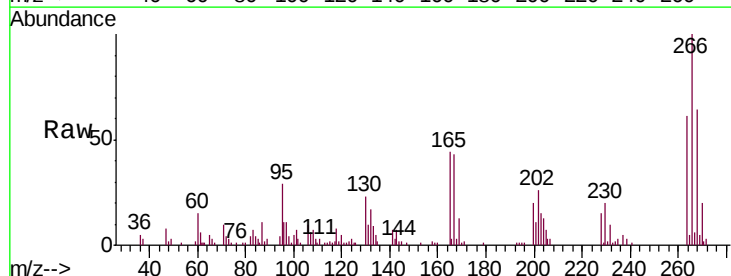
Instrument :
BNA_M
ClientSampleId :

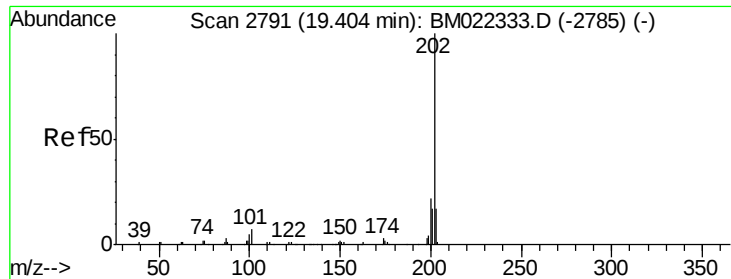
Tot Ion:165 Resp: 105996
Ion Ratio Lower Upper
165 100
63 53.8 52.4 78.6
182 2.9 2.2 3.4



#68
Pentachlorophenol
Concen: 27.283 ng/ul
RT: 16.63 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BM022342.D
Acq: 26 Aug 2019 21:59

Tgt Ion:266 Resp: 72243
Ion Ratio Lower Upper
266 100
264 61.5 51.3 76.9
268 64.5 49.4 74.2





#79

Pvrene

Concen: 48.926 ng/ul

RT: 19.41 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM022342.D

Acq: 26 Aug 2019 21:59

Instrument :

BNA_M

ClientSampleId :

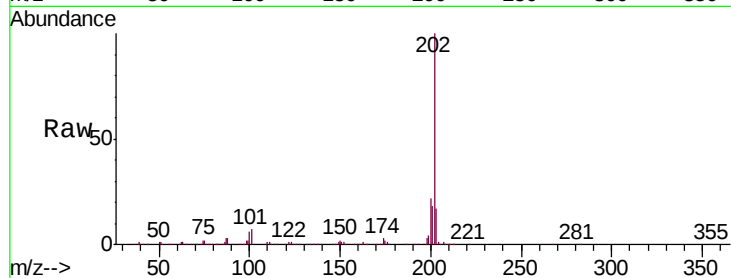
Tot Ion:202 Resp: 763788

Ion Ratio Lower Upper

202 100

101 6.7 7.0 10.4#

100 6.0 5.8 8.8



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): E

