

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022364.D
 Acq On : 27 Aug 2019 12:30
 Operator : HP/JU
 Sample : K4414-03
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ7MSD

Quant Time: Aug 27 17:08:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 17:04:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	34902	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.31	136	156102	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.20	164	111033	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	248014	20.00	ng/ul	-0.01
77) Chrysene-d12	21.17	240	196855	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	203791	20.00	ng/ul	0.00

System Monitoring Compounds

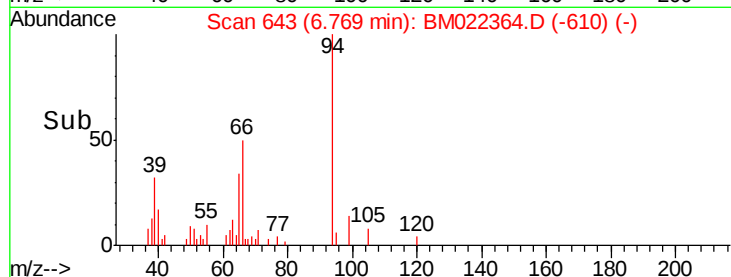
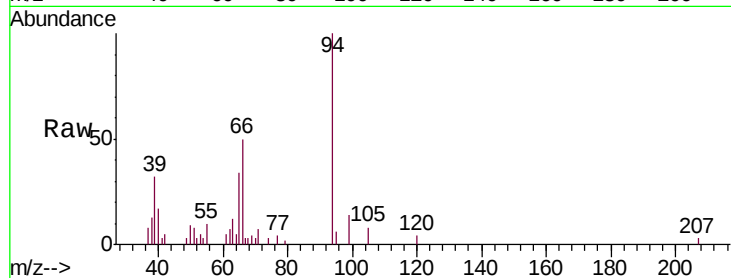
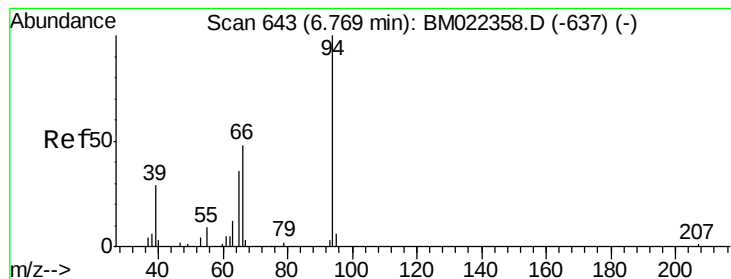
3) 1,4-Dioxane-d8	3.13	96	3693	4.74	ng/uL	0.00
5) Phenol-d5	6.75	99	18301	6.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	46418	26.49	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.08	132	55991	23.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	37600	14.40	ng/ul	-0.01
19) Nitrobenzene-d5	8.72	128	34645	29.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	41758	30.82	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.96	165	75929	27.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	3815	1.14	ng/ul	0.02
43) Dimethylphthalate-d6	13.63	166	300427	30.72	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	315919	30.00	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.50	143	6416	4.43	ng/ul	0.03
57) Fluorene-d10	15.20	176	256821	31.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	41181	21.52	ng/ul	0.00
70) Anthracene-d10	17.06	188	435033	33.12	ng/ul	-0.01
78) Pyrene-d10	19.37	212	484640	47.37	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.23	264	375826	33.57	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.77	94	22190	6.880	ng/ul 98
10) 2-Chlorophenol	7.11	128	52672	20.863	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.35	70	57850	25.323	ng/ul 97
28) Naphthalene	10.36	128	537754	62.423	ng/ul 99
30) 4-Chloroaniline	10.36	127	71892	20.593	ng/ul# 7
33) 4-Chloro-3-methylphenol	11.64	107	72123	23.380	ng/ul 100
40) 1,1'-Biphenyl	13.02	154	10276	1.137	ng/ul 99
44) Dimethylphthalate	13.67	163	11576	1.163	ng/ul 99
47) Acenaphthylene	13.92	152	28968	2.652	ng/ul 96
49) Acenaphthene	14.26	153	223270	28.795	ng/ul 99
52) 4-Nitrophenol	14.52	109	6946	2.886	ng/ul 94
54) 2,4-Dinitrotoluene	14.62	165	80933	27.404	ng/ul 87
68) Pentachlorophenol	16.62	266	57830	24.201	ng/ul 98
69) Phenanthrene	17.00	178	31572	2.128	ng/ul 99
79) Pyrene	19.40	202	572675	44.945	ng/ul# 96

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

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#6

Phenol

Concen: 6.880 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM022364.D

Acq: 27 Aug 2019 12:30

Instrument :

BNA_M

ClientSampleId :

ETJQ7MSD

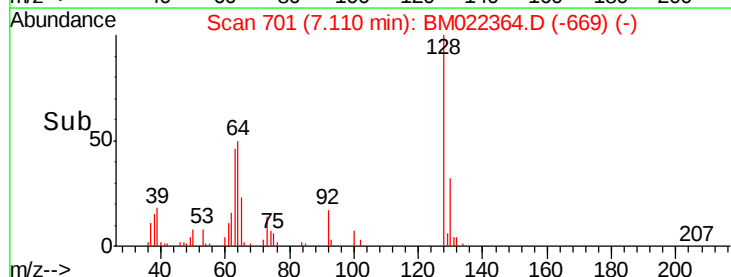
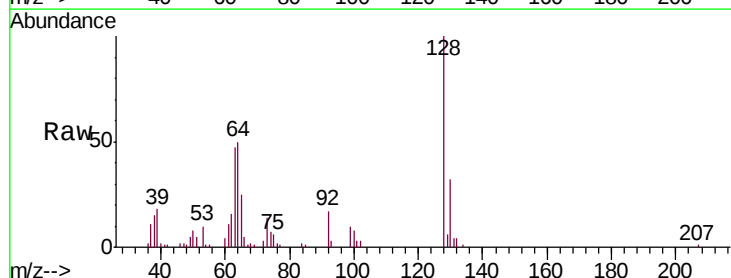
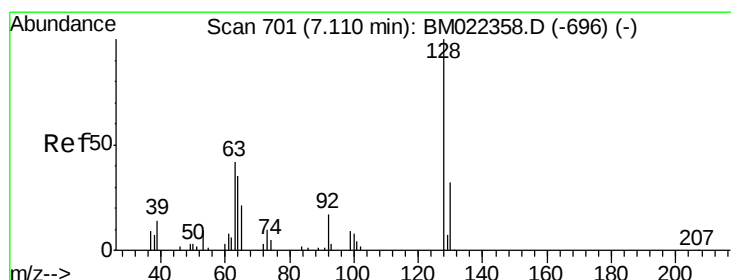
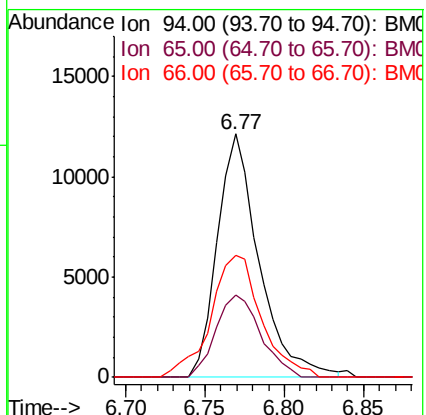
Tot Ion: 94 Resp: 22190

Ion Ratio Lower Upper

94 100

65 34.0 29.2 43.8

66 50.3 40.6 60.8



#10

2-Chlorophenol

Concen: 20.863 ng/ul

RT: 7.11 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM022364.D

Acq: 27 Aug 2019 12:30

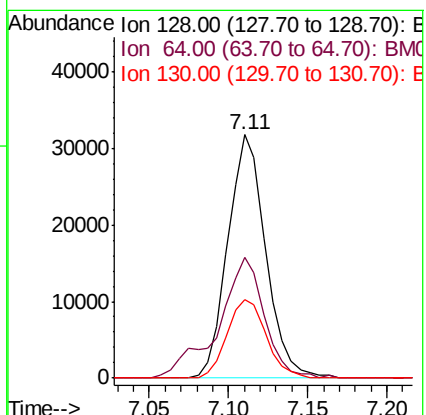
Tgt Ion: 128 Resp: 52672

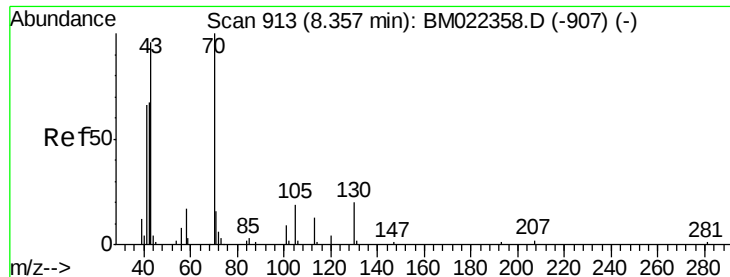
Ion Ratio Lower Upper

128 100

64 49.7 38.6 57.8

130 32.5 27.0 40.6





#15

N-Nitroso-di-n-propylamine

Concen: 25.323 ng/ul

RT: 8.35 min Scan# 912

Delta R.T. -0.02 min

Lab File: BM022364.D

Acq: 27 Aug 2019 12:30

Instrument :

BNA_M

ClientSampleId :

ETJQ7MSD

Tot Ion: 70 Resp: 57850

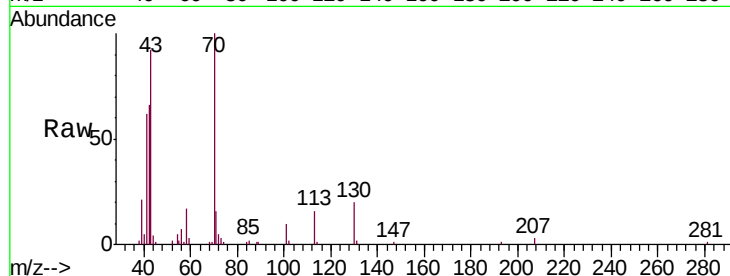
Ion Ratio Lower Upper

70 100

42 66.1 55.1 82.7

101 9.7 8.0 12.0

130 20.2 15.7 23.5

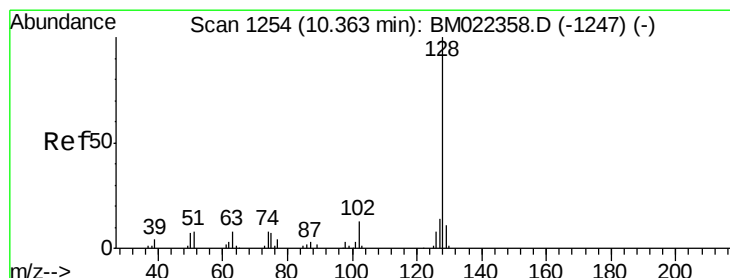
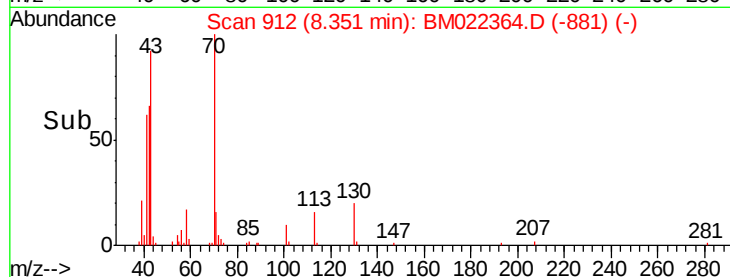
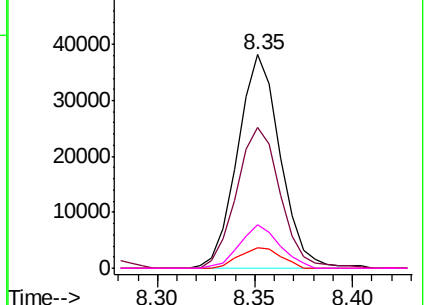


Abundance Ion 70.00 (69.70 to 70.70): BM022358.D (-907) (-)

Ion 42.00 (41.70 to 42.70): BM022358.D (-907) (-)

Ion 101.00 (100.70 to 101.70): BM022358.D (-907) (-)

Ion 130.00 (129.70 to 130.70): BM022358.D (-907) (-)



#28

Naphthalene

Concen: 62.423 ng/ul

RT: 10.36 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM022364.D

Acq: 27 Aug 2019 12:30

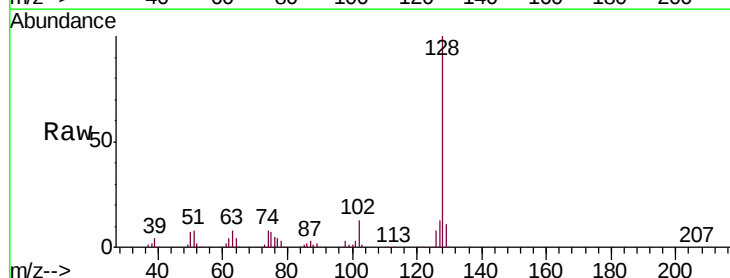
Tgt Ion: 128 Resp: 537754

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

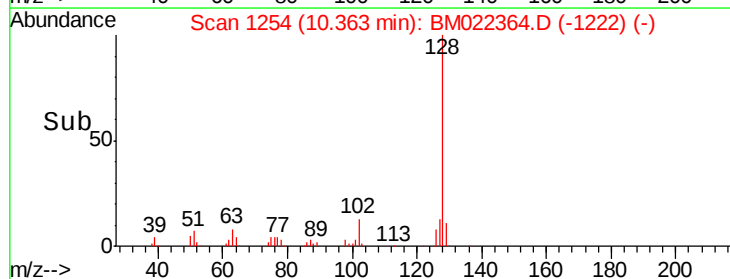
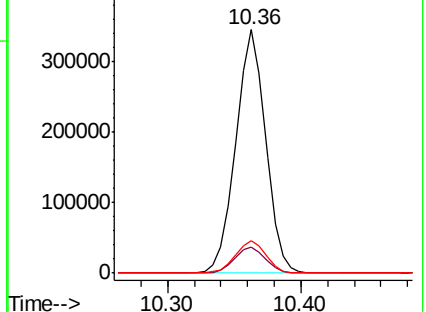
127 13.4 10.4 15.6

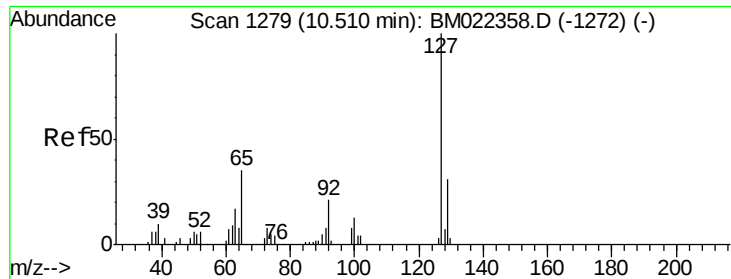


Abundance Ion 128.00 (127.70 to 128.70): BM022358.D (-1247) (-)

Ion 129.00 (128.70 to 129.70): BM022358.D (-1247) (-)

Ion 127.00 (126.70 to 127.70): BM022358.D (-1247) (-)

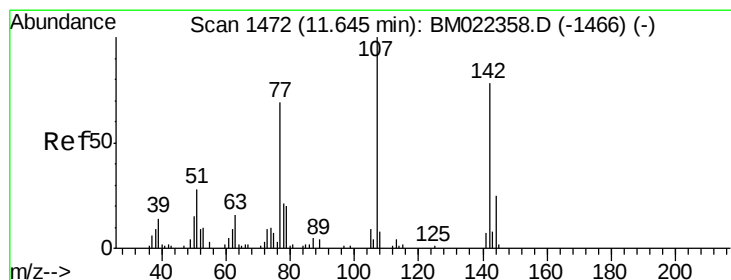
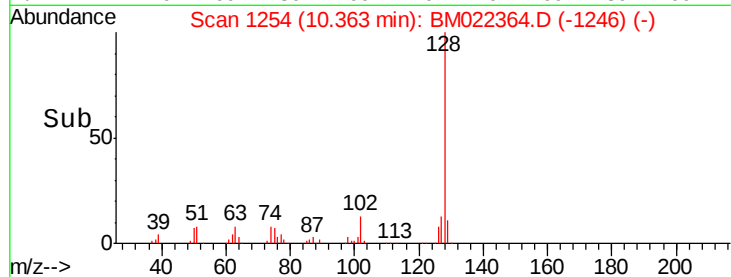
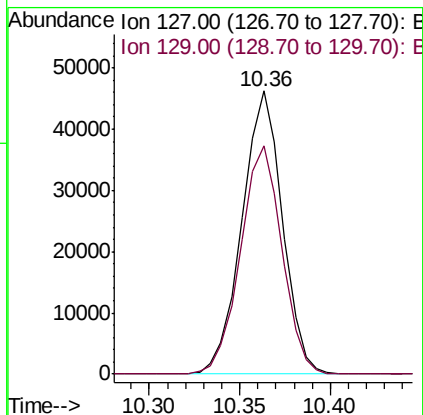
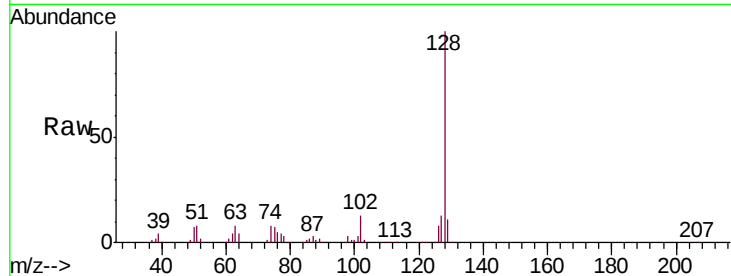




#30
 4-Chloroaniline
 Concen: 20.593 ng/ul
 RT: 10.36 min Scan# 1254
 Delta R.T. -0.15 min
 Lab File: BM022364.D
 Acq: 27 Aug 2019 12:30

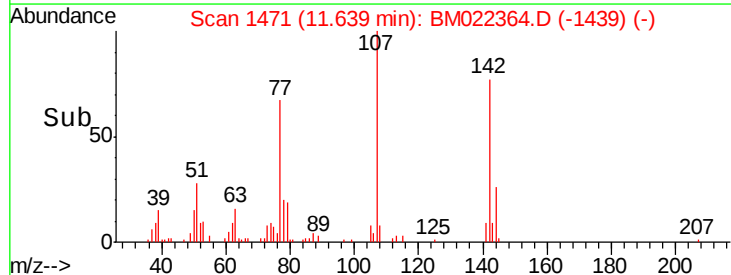
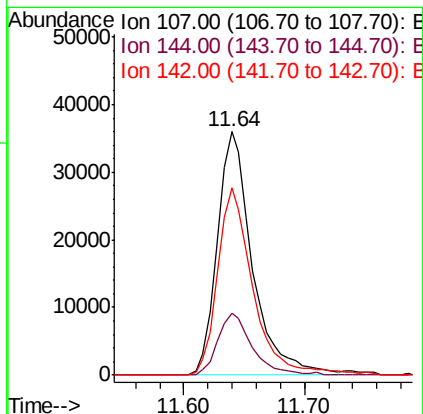
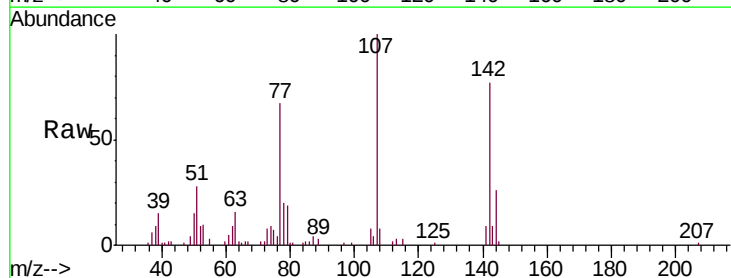
Instrument :
 BNA_M
 ClientSampleId :
 ETJQ7MSD

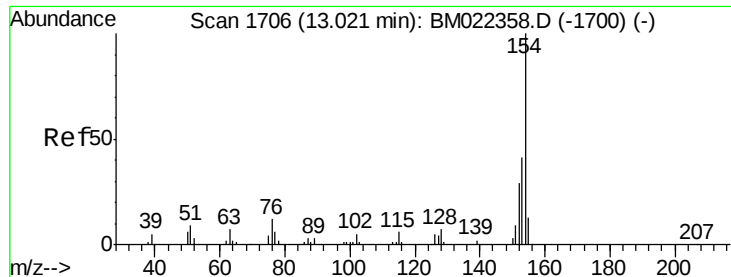
Tot Ion:127 Resp: 71892
 Ion Ratio Lower Upper
 127 100
 129 80.7 24.2 36.4#



#33
 4-Chloro-3-methylphenol
 Concen: 23.380 ng/ul
 RT: 11.64 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BM022364.D
 Acq: 27 Aug 2019 12:30

Tgt Ion:107 Resp: 72123
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.8 29.8
 142 76.9 61.5 92.3

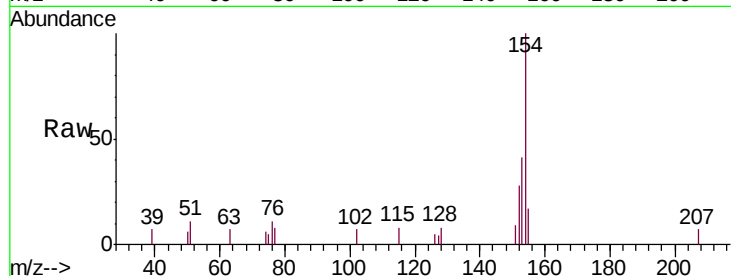




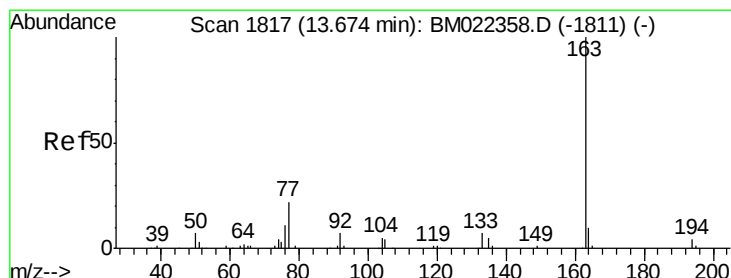
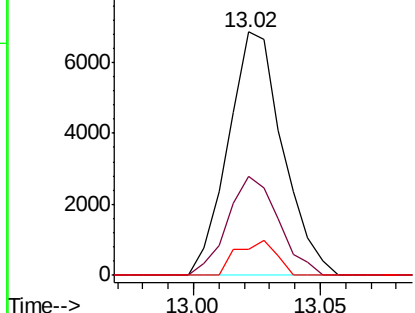
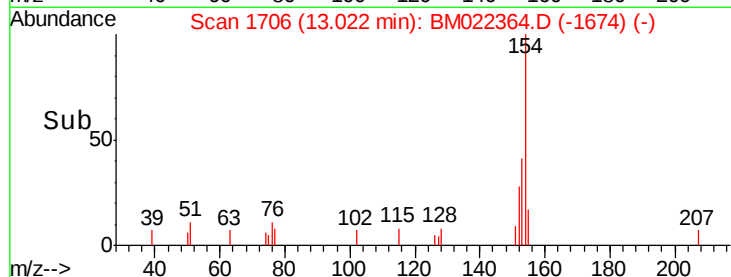
#40
 1,1'-Biphenyl
 Concen: 1.137 ng/ul
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BM022364.D
 Acq: 27 Aug 2019 12:30

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ7MSD

Tot Ion:154 Resp: 10276
 Ion Ratio Lower Upper
 154 100
 153 40.9 32.5 48.7
 76 10.5 9.2 13.8

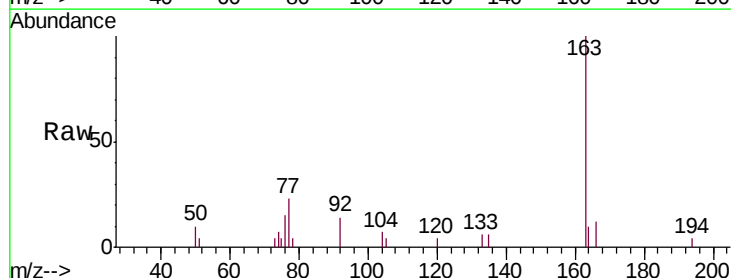


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

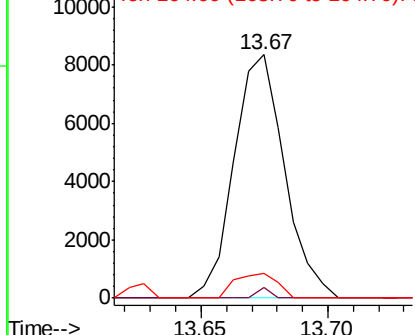
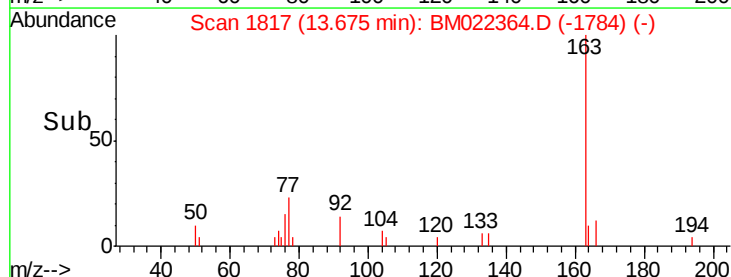


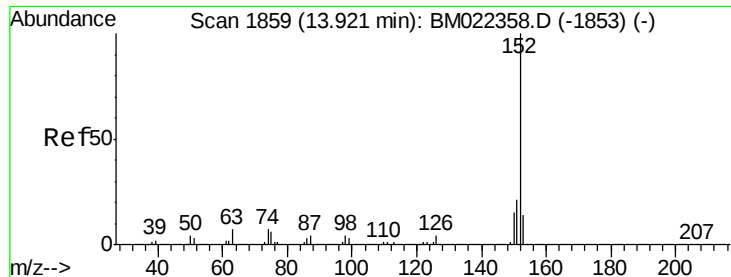
#44
 Dimethylphthalate
 Concen: 1.163 ng/ul
 RT: 13.67 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BM022364.D
 Acq: 27 Aug 2019 12:30

Tgt Ion:163 Resp: 11576
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.0 4.6
 164 10.4 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





#47

Acenaphthylene

Concen: 2.652 ng/ul

RT: 13.92 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM022364.D

Acq: 27 Aug 2019 12:30

Instrument :

BNA_M

ClientSampleId :

ETJQ7MSD

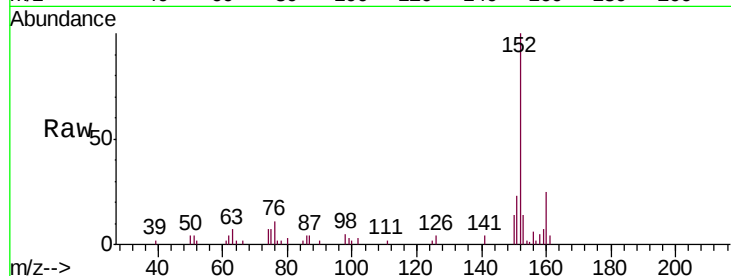
Tot Ion:152 Resp: 28968

Ion Ratio Lower Upper

152 100

151 22.6 16.0 24.0

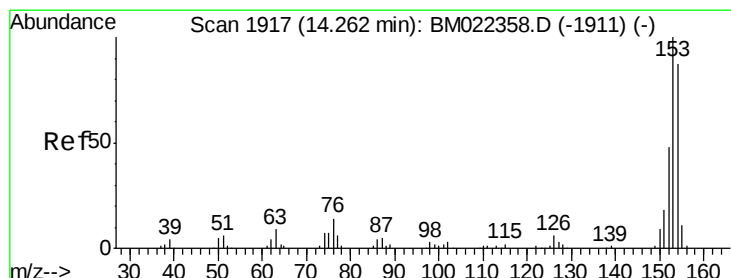
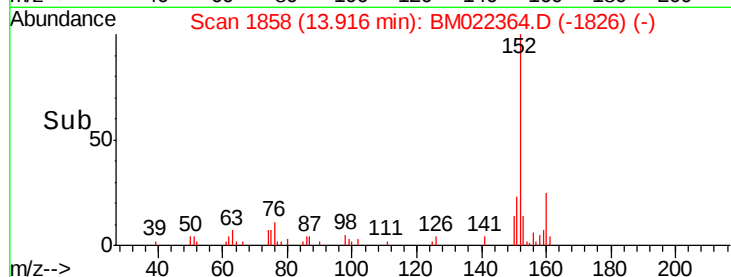
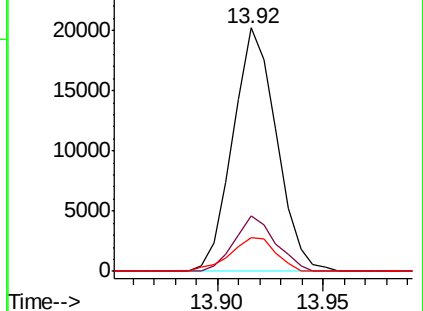
153 13.6 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 28.795 ng/ul

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM022364.D

Acq: 27 Aug 2019 12:30

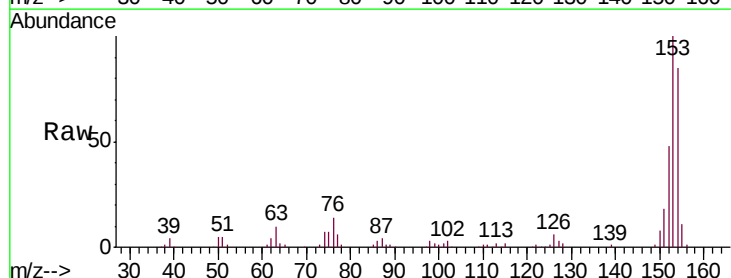
Tgt Ion:153 Resp: 223270

Ion Ratio Lower Upper

153 100

152 48.2 38.6 58.0

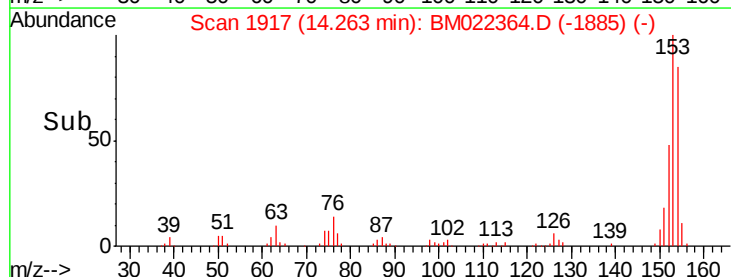
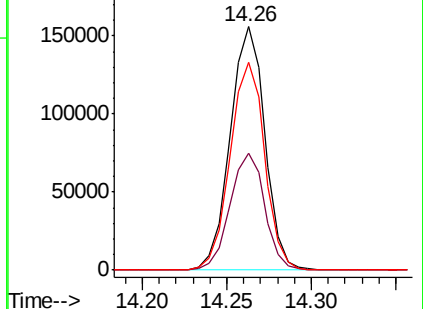
154 85.3 68.9 103.3

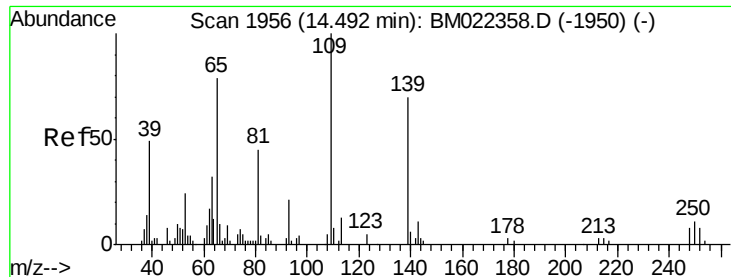


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

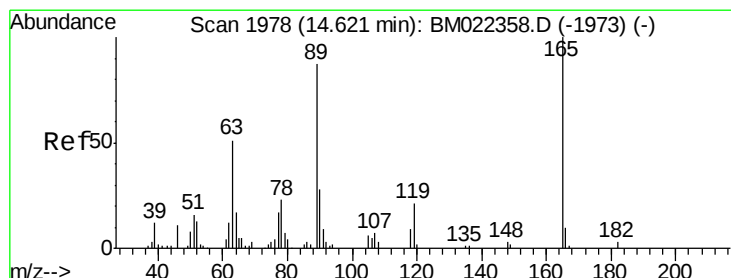
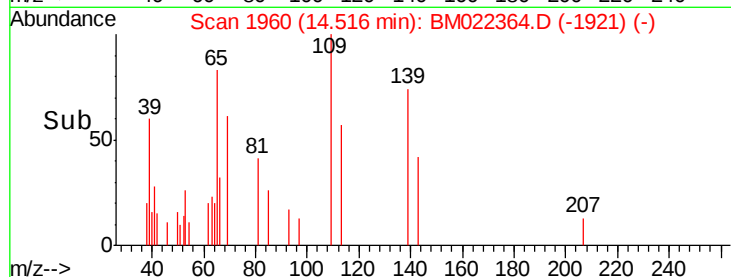
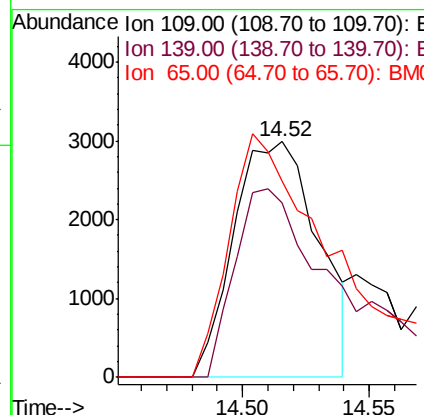
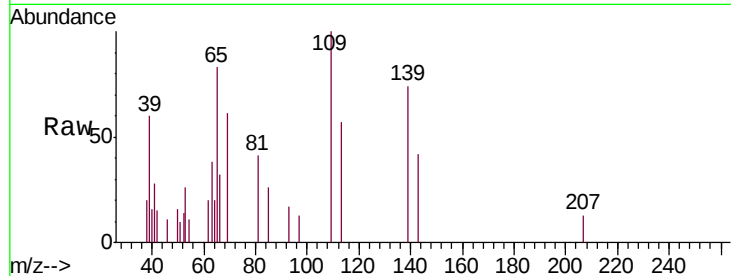




#52
4-Nitrophenol
Concen: 2.886 ng/ul
RT: 14.52 min Scan# 1960
Delta R.T. 0.03 min
Lab File: BM022364.D
Acq: 27 Aug 2019 12:30

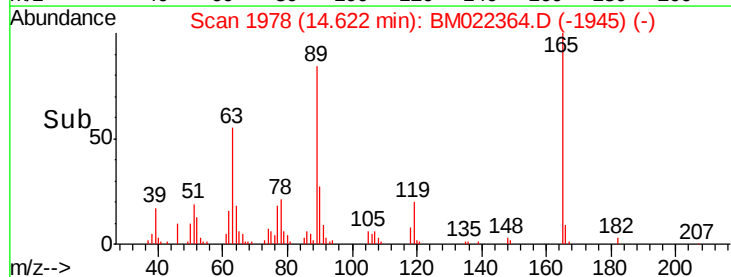
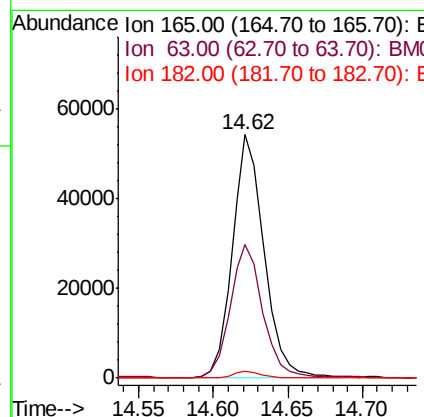
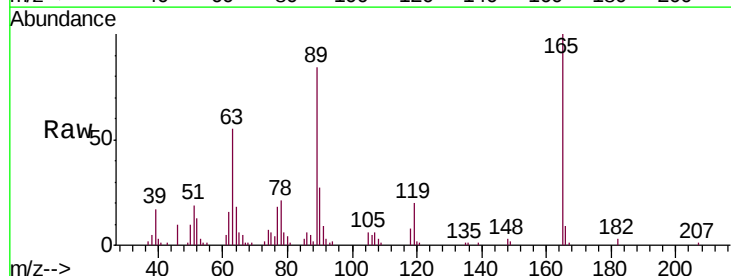
Instrument :
BNA_M
ClientSampleId :
ETJQ7MSD

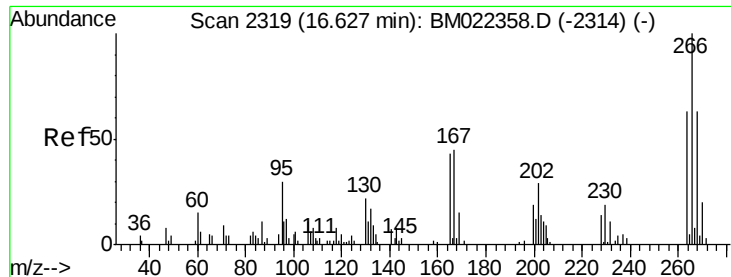
Tot Ion:109 Resp: 6946
Ion Ratio Lower Upper
109 100
139 73.9 61.0 91.4
65 83.4 73.4 110.2



#54
2,4-Dinitrotoluene
Concen: 27.404 ng/ul
RT: 14.62 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM022364.D
Acq: 27 Aug 2019 12:30

Tgt Ion:165 Resp: 80933
Ion Ratio Lower Upper
165 100
63 54.9 52.4 78.6
182 2.7 2.2 3.4





#68

Pentachlorophenol

Concen: 24.201 ng/ul

RT: 16.62 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BM022364.D

Acq: 27 Aug 2019 12:30

Instrument :

BNA_M

ClientSampleID :

ETJQ7MSD

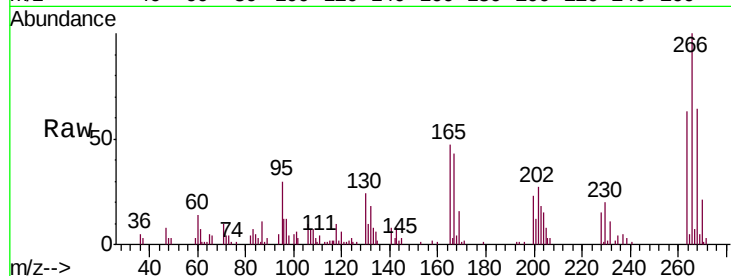
Tot Ion:266 Resp: 57830

Ion Ratio Lower Upper

266 100

264 63.5 51.3 76.9

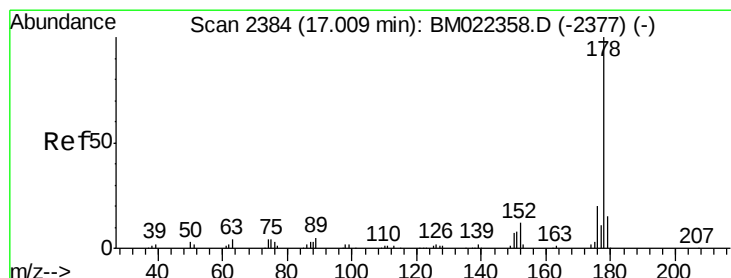
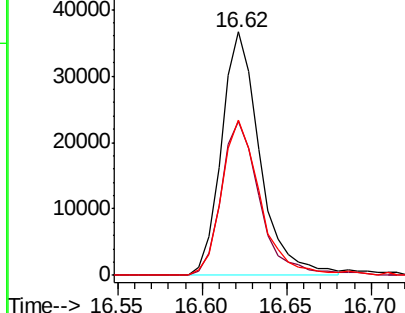
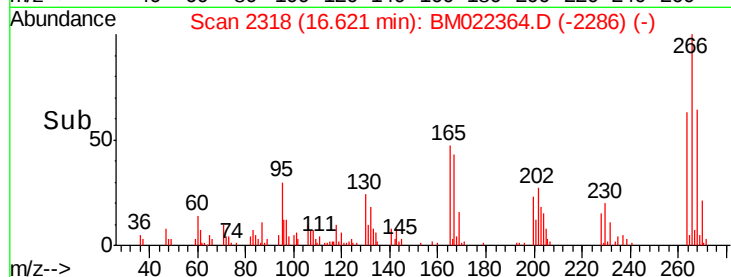
268 63.8 49.4 74.2



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



#69

Phenanthrene

Concen: 2.128 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM022364.D

Acq: 27 Aug 2019 12:30

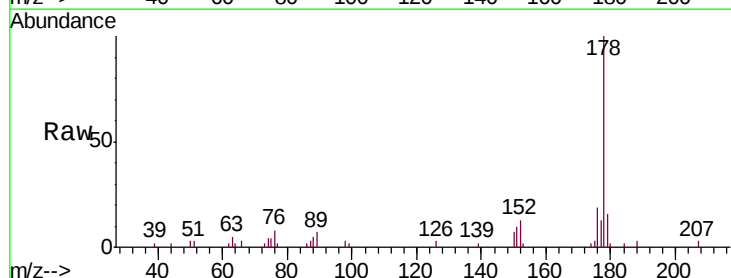
Tgt Ion:178 Resp: 31572

Ion Ratio Lower Upper

178 100

179 16.4 12.4 18.6

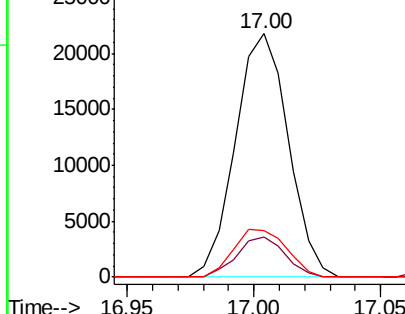
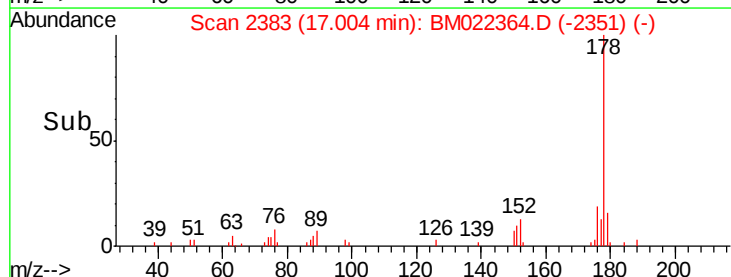
176 19.3 15.4 23.0

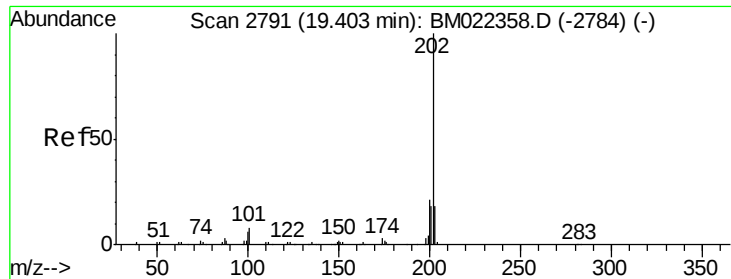


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#79

Pvrene

Concen: 44.945 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BM022364.D

Acq: 27 Aug 2019 12:30

Instrument :

BNA_M

ClientSampleId :

ETJQ7MSD

Tot Ion:202 Resp: 572675

Ion Ratio Lower Upper

202 100

101 6.8 7.0 10.4#

100 6.2 5.8 8.8

