

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
 Data File : BM023680.D
 Acq On : 13 Nov 2019 01:02
 Operator : JU
 Sample : K5579-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 13 06:51:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 12 05:56:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	614431	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	2703655	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1738510	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	3338570	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	2322437	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	2552171	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	74896	5.02	ng/uL	0.00
5) Phenol-d5	6.73	99	387106	6.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	858655	26.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	971062	23.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	739767	16.56	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	611430	31.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	728618	35.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	1424452	30.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	33600	0.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	4529855	33.41	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	5208731	33.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	162280	7.01	ng/ul	0.02
58) Fluorene-d10	15.20	176	3882091	32.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	723676	37.47	ng/ul	0.00
71) Anthracene-d10	17.05	188	5226331	33.00	ng/ul	0.00
79) Pyrene-d10	19.36	212	4819834	39.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	4506841	33.56	ng/ul	0.00

Target Compounds

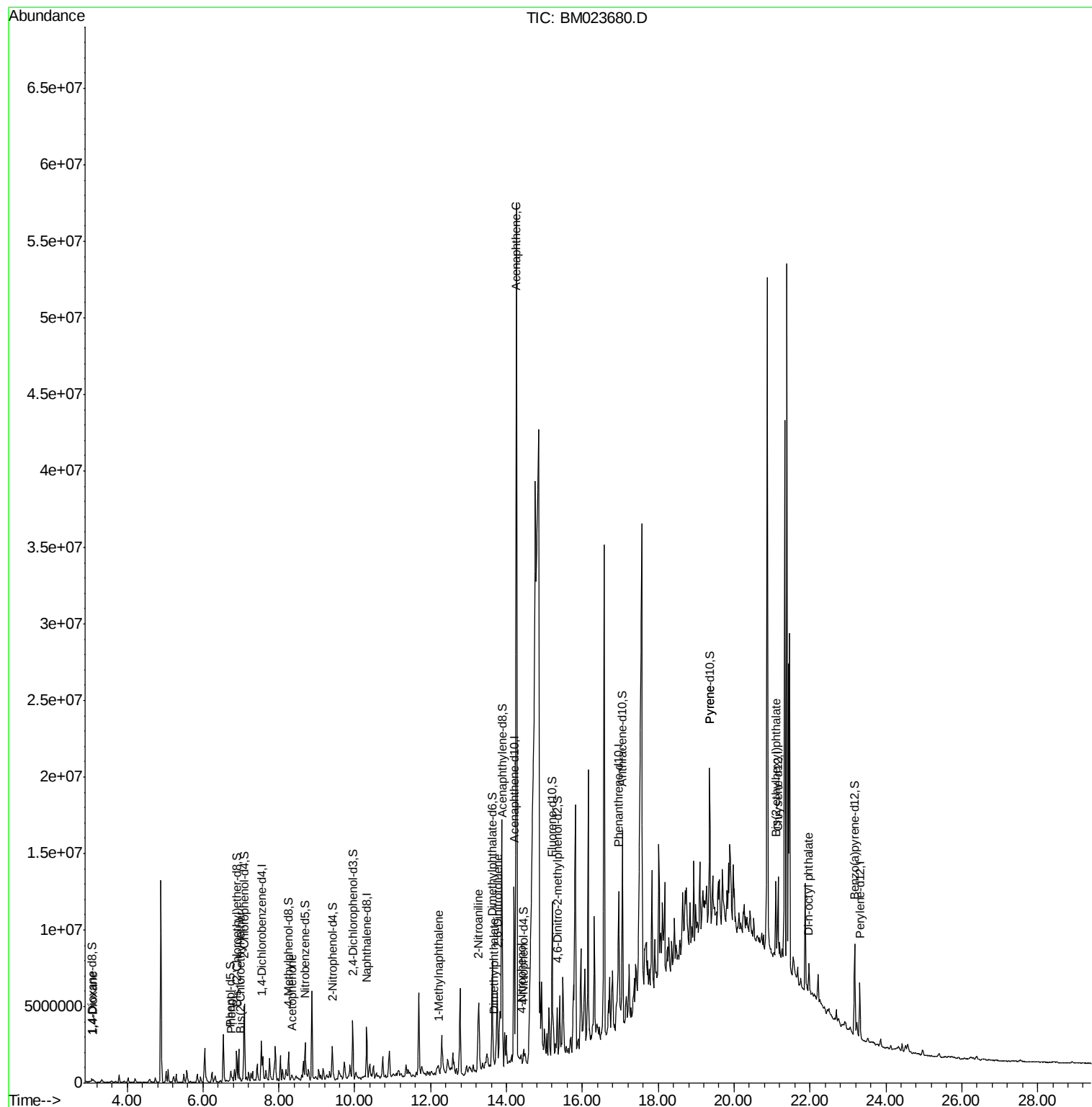
					Ovalue
2) 1,4-Dioxane	3.10	88	85553	5.357	ng/uL 97
6) Phenol	6.76	94	114192	1.979	ng/ul 98
8) Bis(2-Chloroethyl)ether	6.98	93	62327	1.410	ng/ul 98
14) Acetophenone	8.35	105	185479	2.662	ng/ul# 37
35) 1-Methylnaphthalene	12.22	142	121983	1.138	ng/ul# 88
43) 2-Nitroaniline	13.26	65	158557	6.458	ng/ul# 25
45) Dimethylphthalate	13.67	163	254980	1.919	ng/ul 97
46) 2,6-Dinitrotoluene	13.76	165	129180	5.338	ng/ul# 17
50) Acenaphthene	14.26	153	242838	2.197	ng/ul# 85
53) 4-Nitrophenol	14.40	109	19041	1.020	ng/ul# 28
80) Pyrene	19.35	202	366379	2.441	ng/ul# 81
84) Bis(2-ethylhexyl)phthalate	21.10	149	1849862	25.769	ng/ul 100
87) Di-n-octyl phthalate	21.96	149	404267	3.241	ng/ul 100

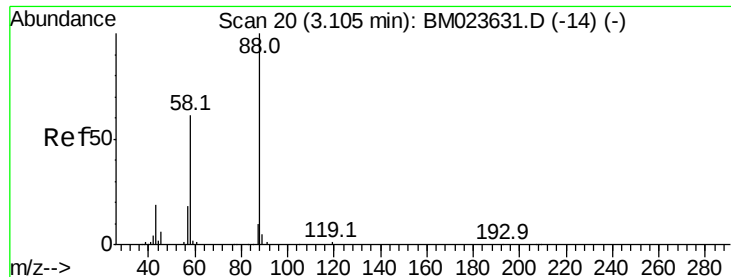
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 5.357 ng/uL

RT: 3.10 min Scan# 37

Delta R.T. -0.00 min

Lab File: BM023680.D

Acq: 13 Nov 2019 01:02

Instrument :

BNA_M

ClientSampleId :

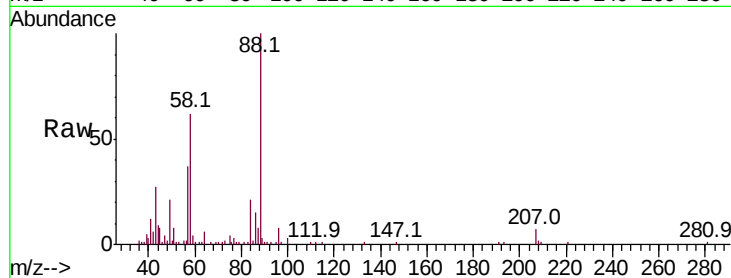
Tot Ion: 88 Resp: 85553

Ion Ratio Lower Upper

88 100

43 27.4 18.9 28.3

58 61.9 49.1 73.7

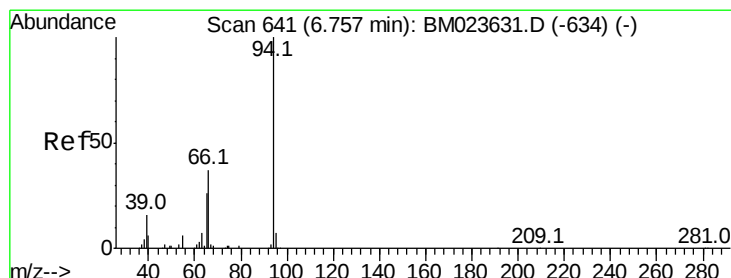
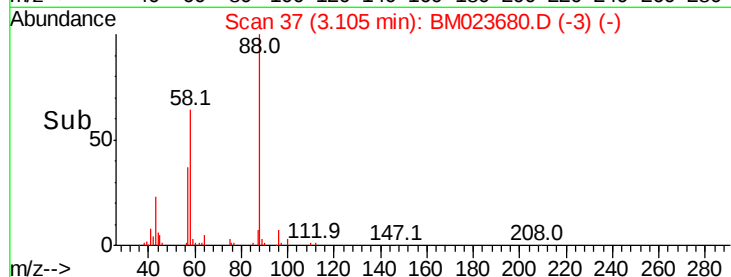
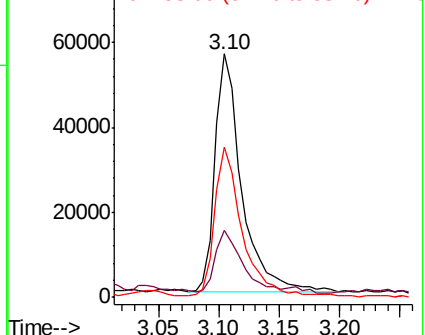


Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

Ion 58.00 (57.70 to 58.70): BM0



#6

Phenol

Concen: 1.979 ng/uL

RT: 6.76 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM023680.D

Acq: 13 Nov 2019 01:02

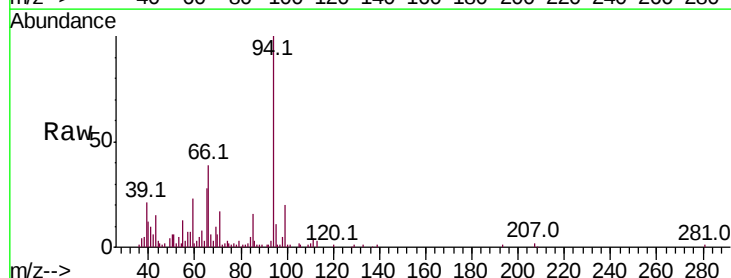
Tgt Ion: 94 Resp: 114192

Ion Ratio Lower Upper

94 100

65 28.5 21.4 32.2

66 38.6 30.7 46.1

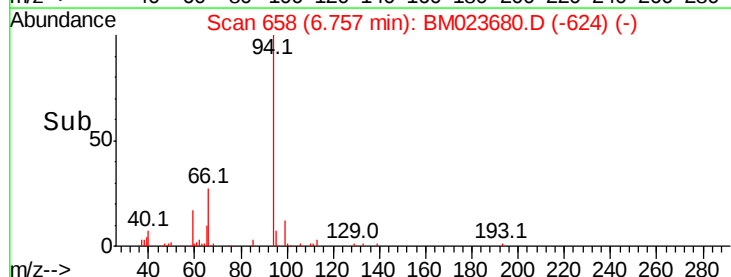
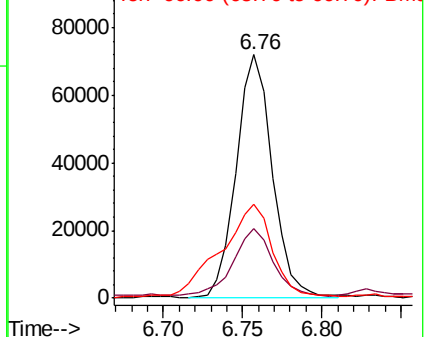


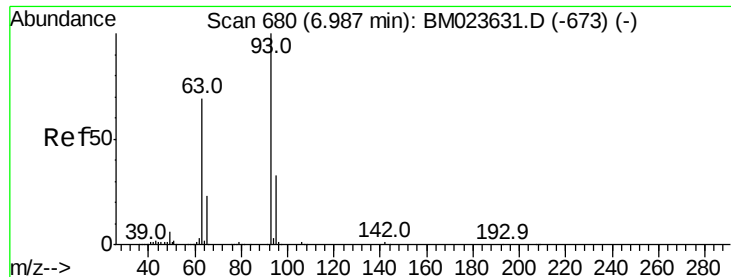
Abundance

Ion 94.00 (93.70 to 94.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

Ion 66.00 (65.70 to 66.70): BM0





#8

Bis(2-Chloroethyl)ether

Concen: 1.410 ng/ul

RT: 6.98 min Scan# 696

Delta R.T. -0.00 min

Lab File: BM023680.D

Acq: 13 Nov 2019 01:02

Instrument :

BNA_M

ClientSampled :

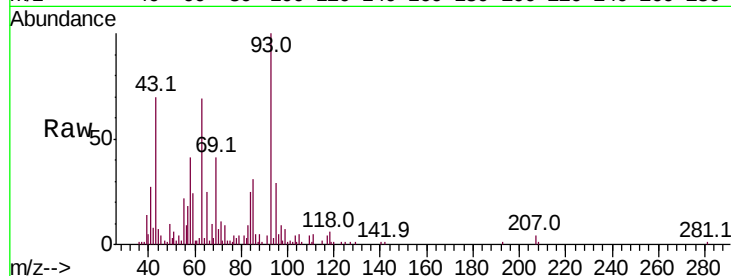
Tot Ion: 93 Resp: 62327

Ion Ratio Lower Upper

93 100

63 69.0 55.4 83.0

95 29.3 26.2 39.4

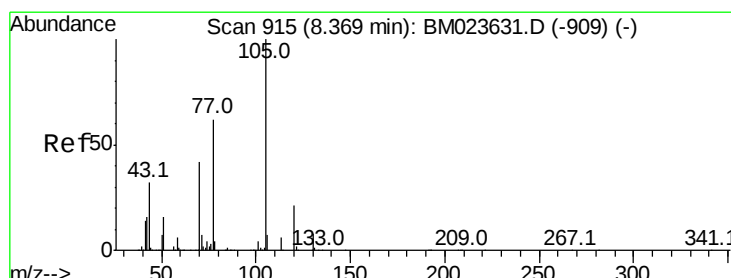
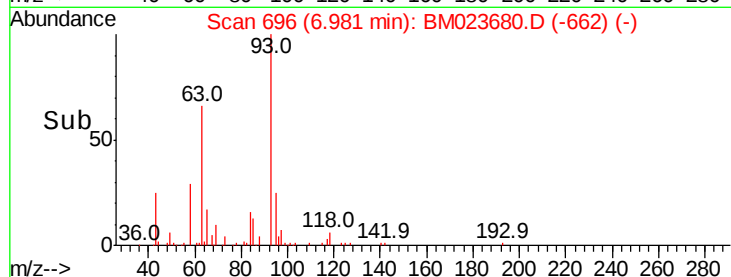
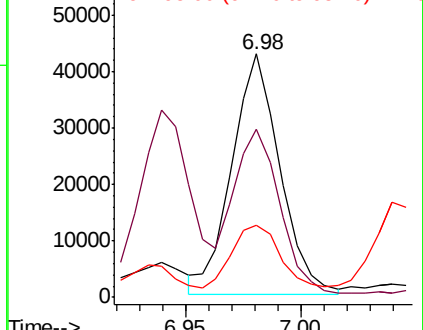


Abundance

Ion 93.00 (92.70 to 93.70): BMC

Ion 63.00 (62.70 to 63.70): BMC

Ion 95.00 (94.70 to 95.70): BMC



#14

Acetophenone

Concen: 2.662 ng/ul

RT: 8.35 min Scan# 928

Delta R.T. -0.02 min

Lab File: BM023680.D

Acq: 13 Nov 2019 01:02

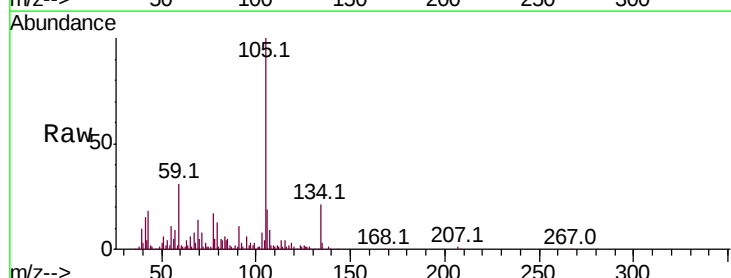
Tgt Ion: 105 Resp: 185479

Ion Ratio Lower Upper

105 100

77 17.2 63.8 95.6#

51 5.5 16.3 24.5#

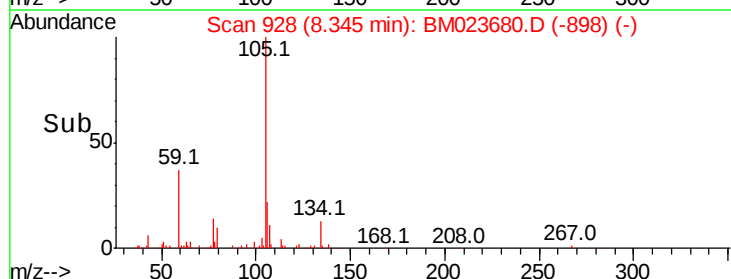
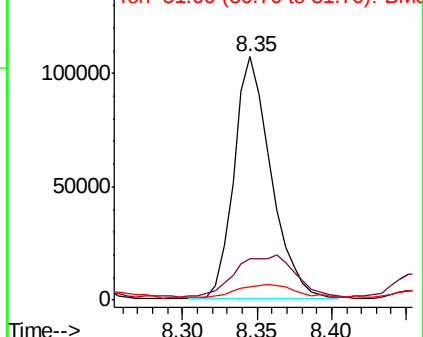


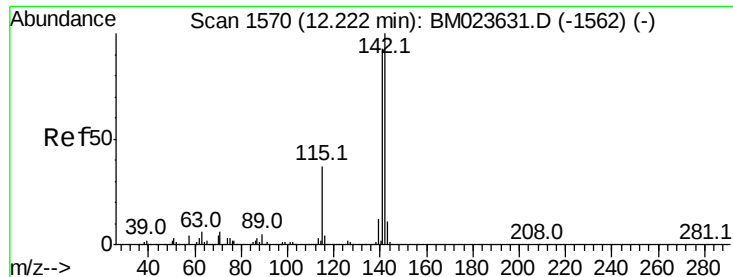
Abundance

Ion 105.00 (104.70 to 105.70): BMC

Ion 77.00 (76.70 to 77.70): BMC

Ion 51.00 (50.70 to 51.70): BMC





#35

1-Methylnaphthalene

Concen: 1.138 ng/ul

RT: 12.22 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BM023680.D

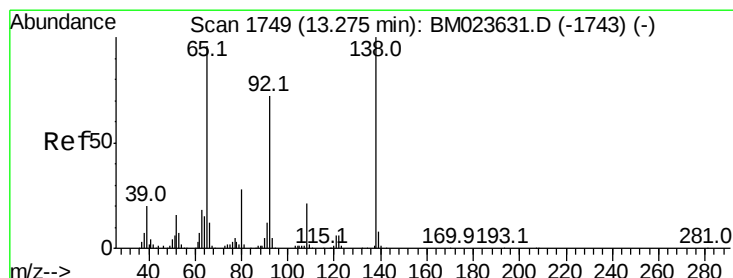
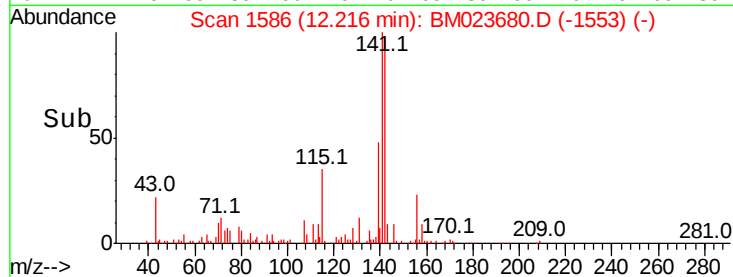
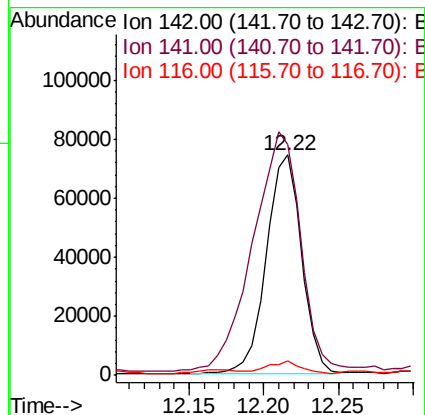
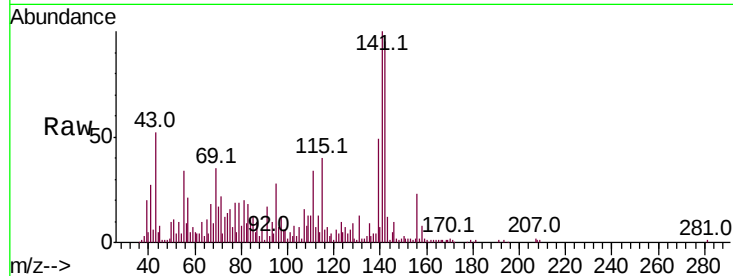
Acq: 13 Nov 2019 01:02

Instrument :

BNA_M

ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	104.8	74.6	112.0
116	6.5	3.2	4.8#



#43

2-Nitroaniline

Concen: 6.458 ng/ul

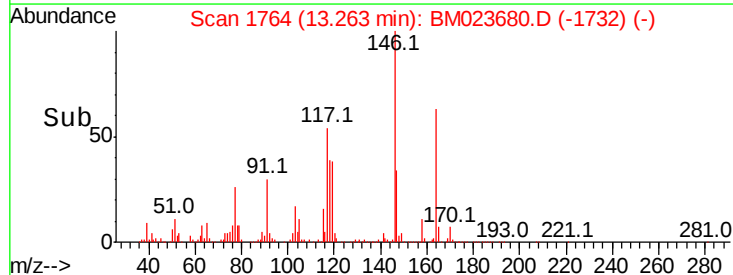
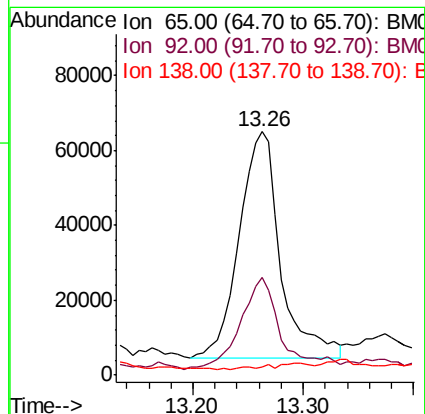
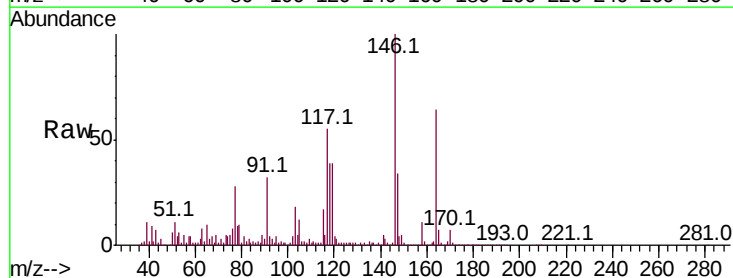
RT: 13.26 min Scan# 1764

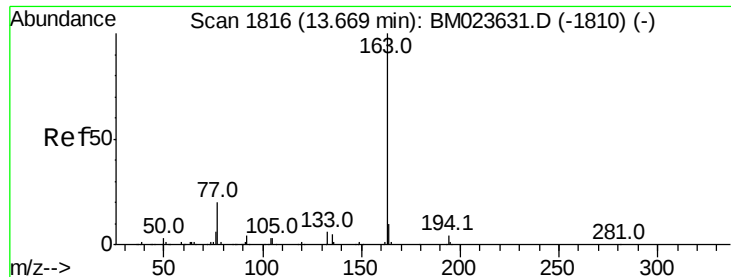
Delta R.T. -0.01 min

Lab File: BM023680.D

Acq: 13 Nov 2019 01:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	40.1	60.4	90.6#
138	3.3	83.8	125.6#

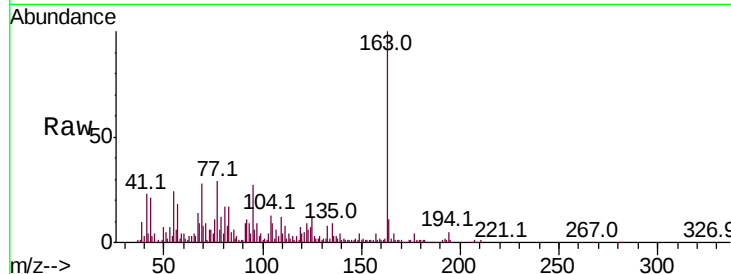




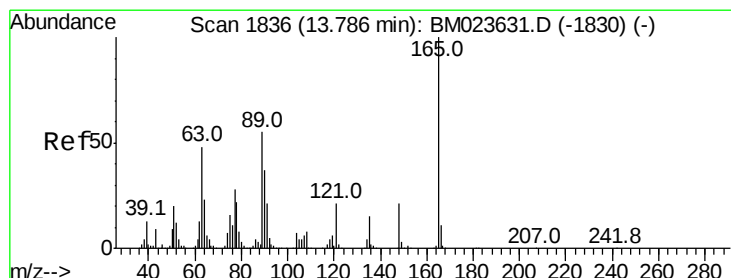
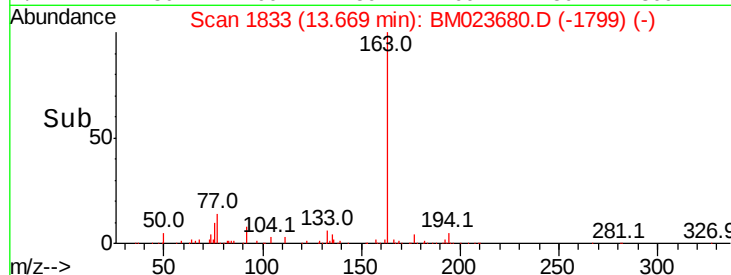
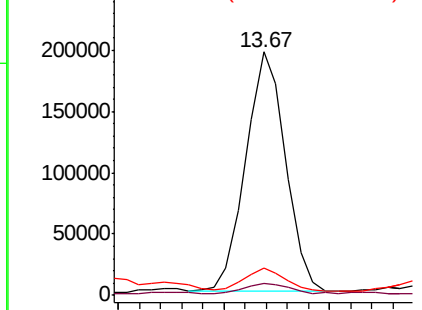
#45
Dimethylphthalate
Concen: 1.919 ng/ul
RT: 13.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BM023680.D
Acq: 13 Nov 2019 01:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 254980
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.2
164 11.5 8.0 12.0

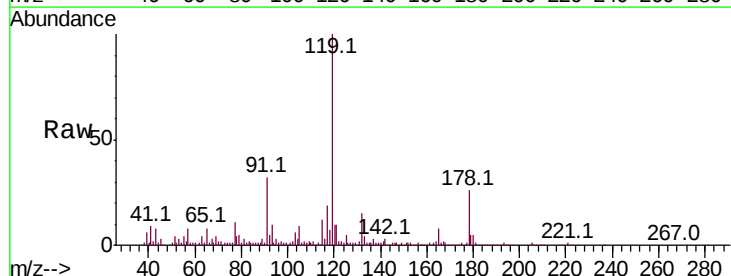


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

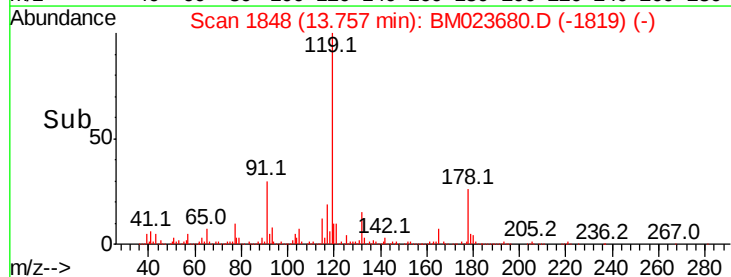
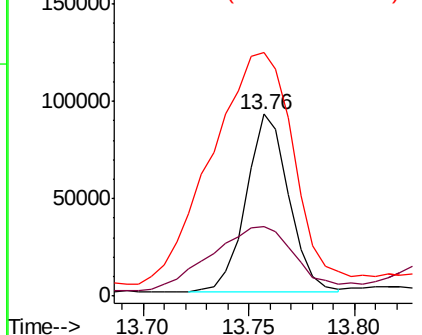


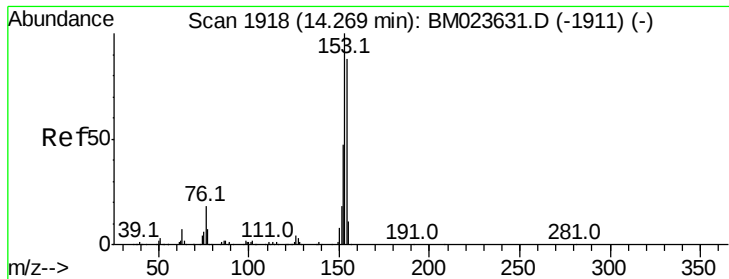
#46
2,6-Dinitrotoluene
Concen: 5.338 ng/ul
RT: 13.76 min Scan# 1848
Delta R.T. -0.03 min
Lab File: BM023680.D
Acq: 13 Nov 2019 01:02

Tgt Ion:165 Resp: 129180
Ion Ratio Lower Upper
165 100
89 38.5 43.8 65.8#
121 133.8 17.0 25.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthene

Concen: 2.197 ng/ul

RT: 14.26 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM023680.D

Acq: 13 Nov 2019 01:02

Instrument :

BNA_M

ClientSampleId :

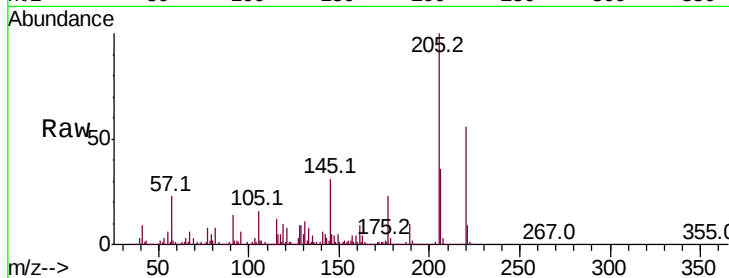
Tot Ion:153 Resp: 242838

Ion Ratio Lower Upper

153 100

152 49.3 37.7 56.5

154 68.0 70.6 106.0#

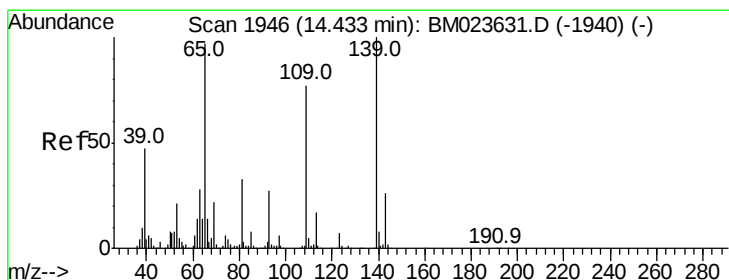
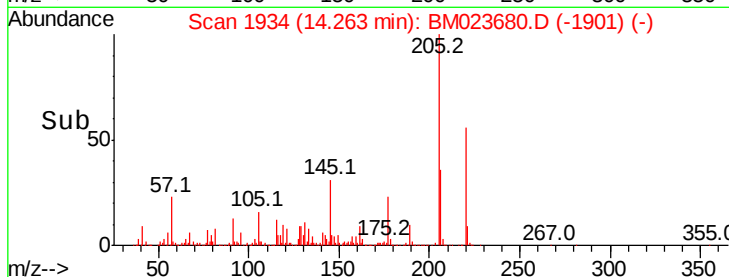
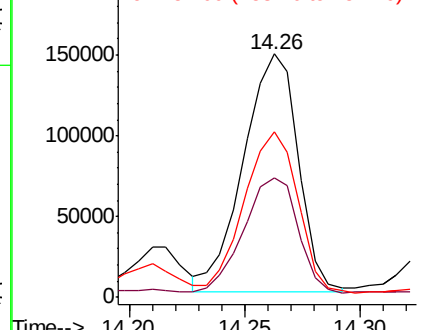


Abundance

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: 1.020 ng/ul

RT: 14.40 min Scan# 1958

Delta R.T. -0.03 min

Lab File: BM023680.D

Acq: 13 Nov 2019 01:02

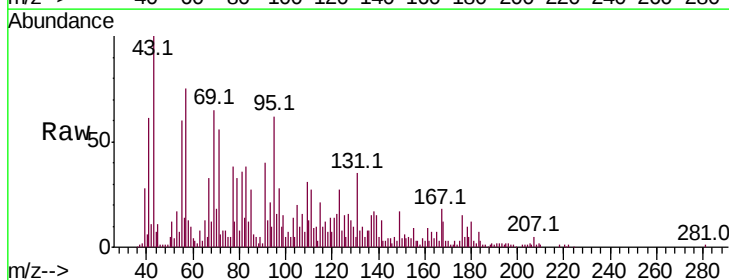
Tgt Ion:109 Resp: 19041

Ion Ratio Lower Upper

109 100

139 48.9 103.4 155.0#

65 41.1 101.3 151.9#

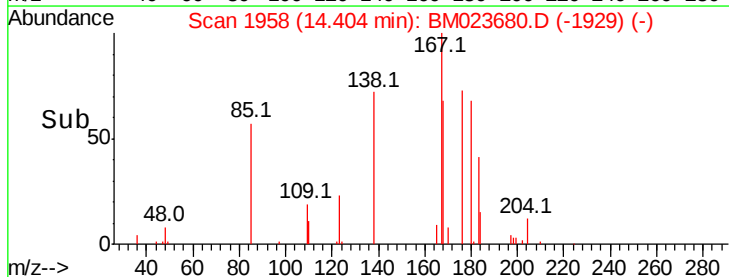
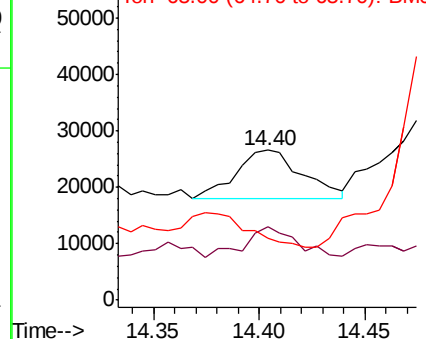


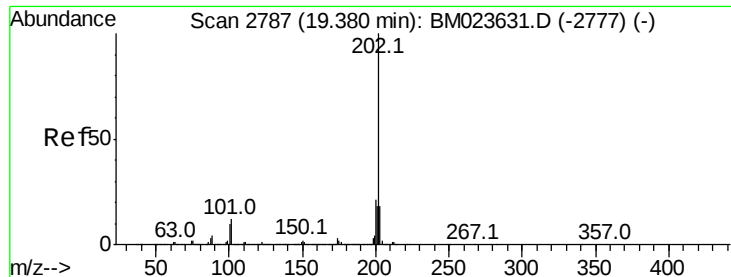
Abundance

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): E

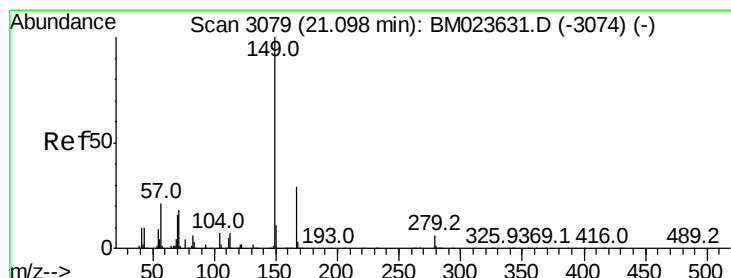
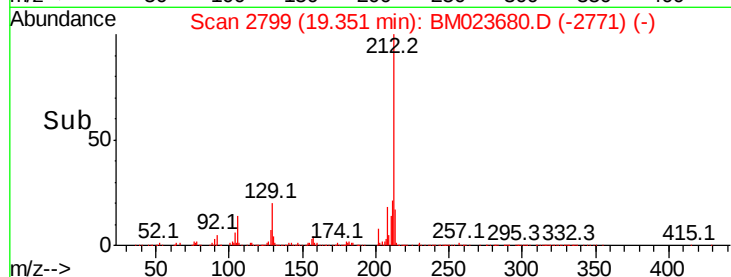
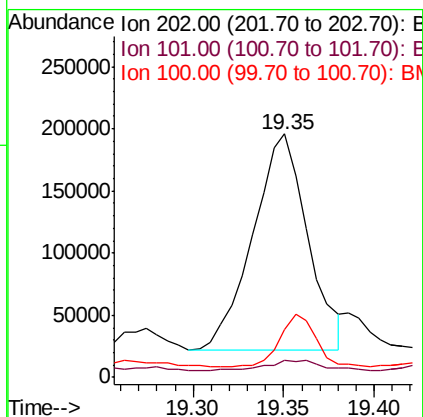
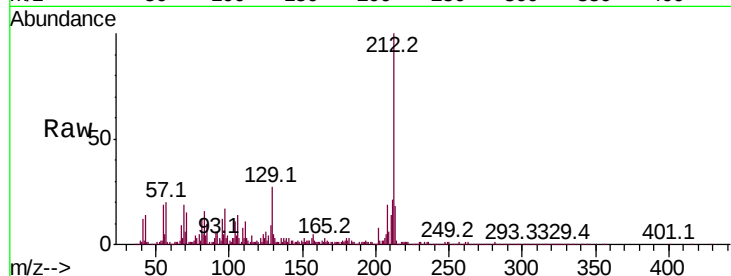




#80
Pvrene
Concen: 2.441 ng/ul
RT: 19.35 min Scan# 2799
Delta R.T. -0.04 min
Lab File: BM023680.D
Acq: 13 Nov 2019 01:02

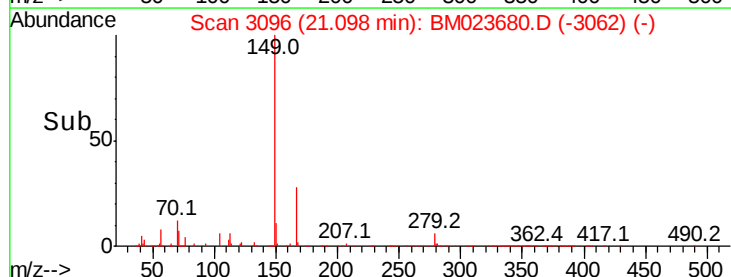
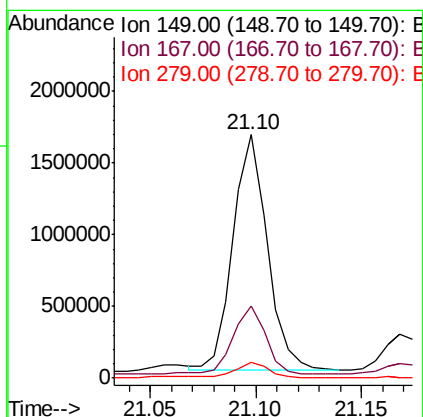
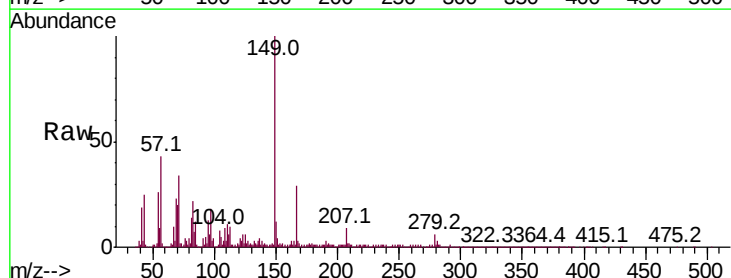
Instrument :
BNA_M
ClientSampleId :

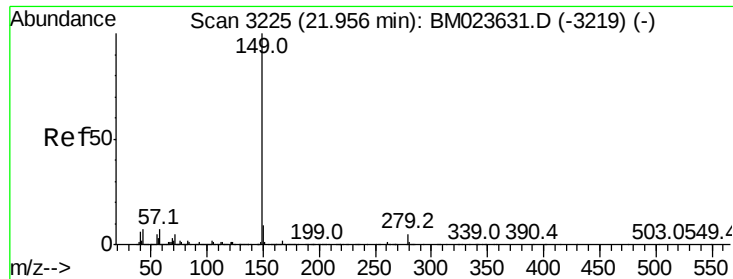
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.9	9.8	14.6#
100	19.7	8.1	12.1#



#84
Bis(2-ethylhexyl)phthalate
Concen: 25.769 ng/ul
RT: 21.10 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM023680.D
Acq: 13 Nov 2019 01:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.4	35.2
279	6.4	5.0	7.4





#87

Di-n-octyl phthalate

Concen: 3.241 ng/ul

RT: 21.96 min Scan# 3242

Delta R.T. -0.00 min

Lab File: BM023680.D

Acq: 13 Nov 2019 01:02

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:149 Resp: 404267

