

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 :
 BEJN9

Quant Time: Nov 13 07:57:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 07:53:58 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

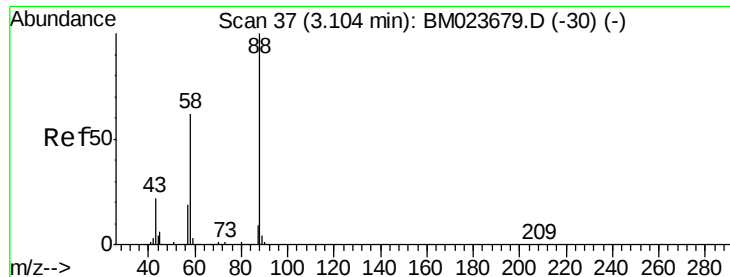
System Monitoring Compounds

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	0.03
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

					Qvalue
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	62290	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



#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

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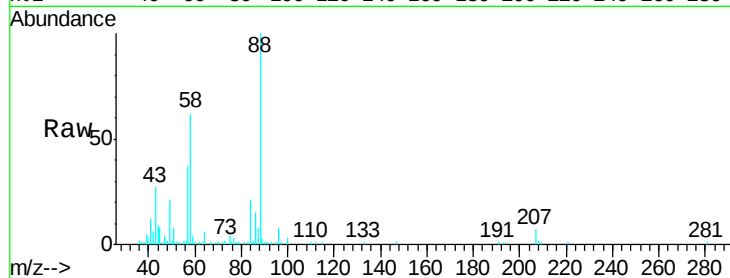
Tgt Ion: 88 Resp: 85553

Ion Ratio Lower Upper

88 100

43 27.4 18.9 28.3

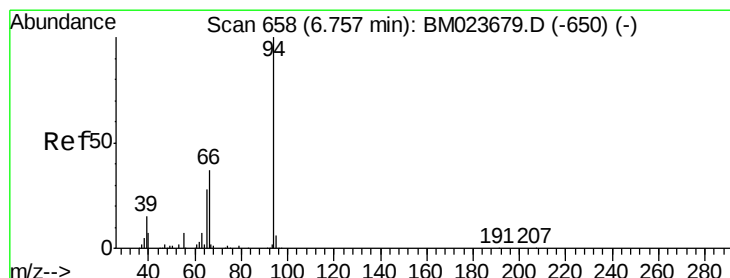
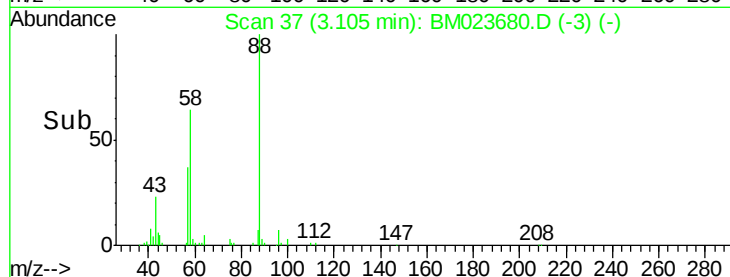
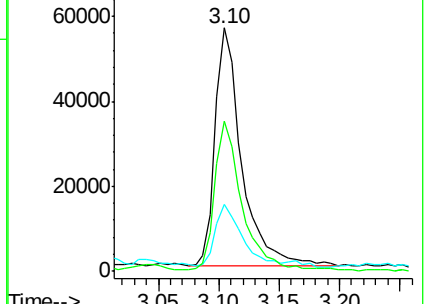
58 61.9 49.1 73.7



Abundance Ion 88.00 (87.70 to 88.70): BM023679.D (-30) (-)

Ion 43.00 (42.70 to 43.70): BM023679.D (-30) (-)

Ion 58.00 (57.70 to 58.70): BM023679.D (-30) (-)



#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

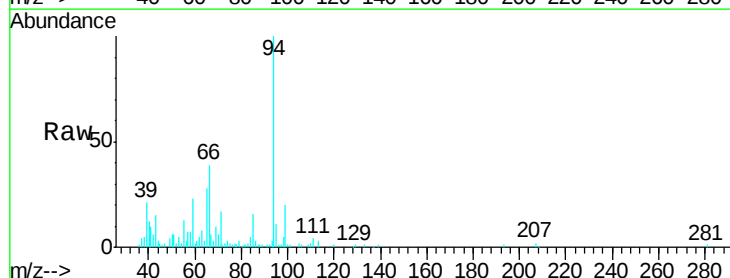
Tgt Ion: 94 Resp: 114192

Ion Ratio Lower Upper

94 100

65 28.5 21.4 32.2

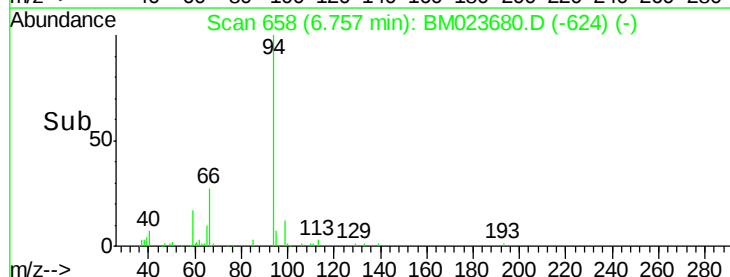
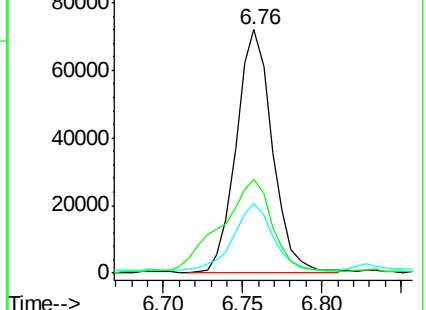
66 38.6 30.7 46.1

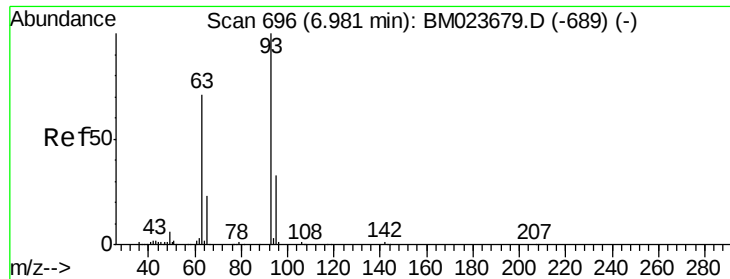


Abundance Ion 94.00 (93.70 to 94.70): BM023679.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM023679.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM023679.D (-650) (-)





#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 :

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BEJN9

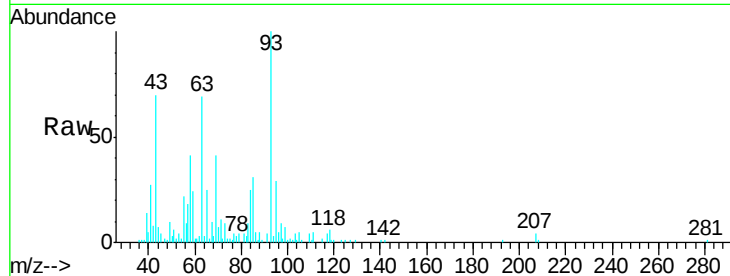
Tgt Ion: 93 Resp: 62290

Ion Ratio Lower Upper

93 100

63 69.0 55.4 83.0

95 29.3 26.2 39.4

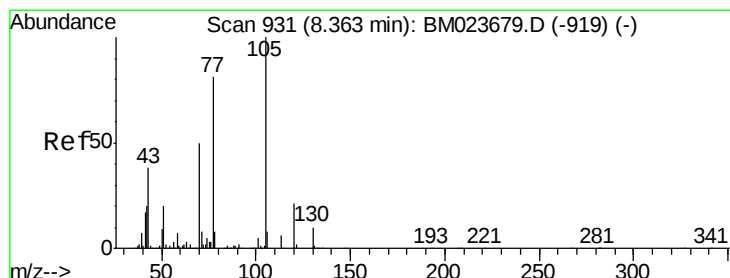
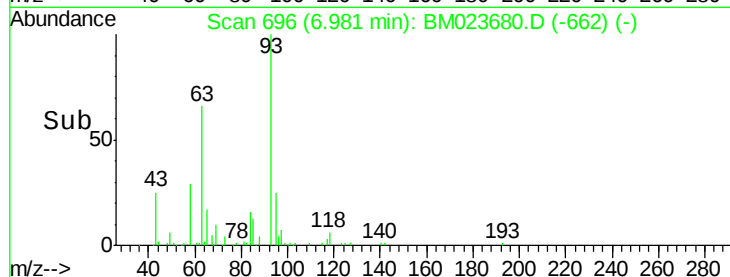
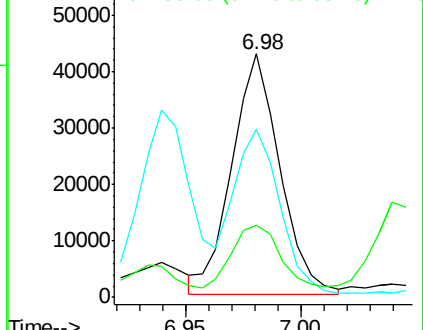


Abundance

Ion 93.00 (92.70 to 93.70): BM023679.D (-689) (-)

Ion 63.00 (62.70 to 63.70): BM023679.D (-689) (-)

Ion 95.00 (94.70 to 95.70): BM023679.D (-689) (-)



#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

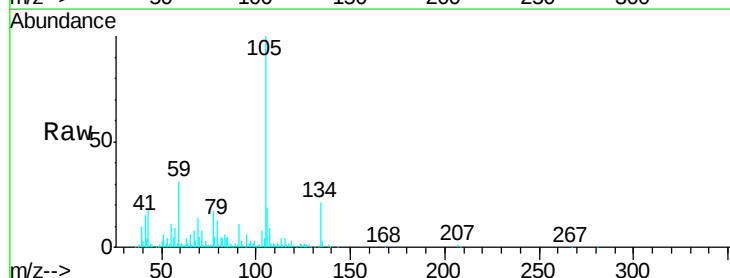
Tgt Ion: 105 Resp: 185479

Ion Ratio Lower Upper

105 100

77 17.2 63.8 95.6#

51 5.5 16.3 24.5#

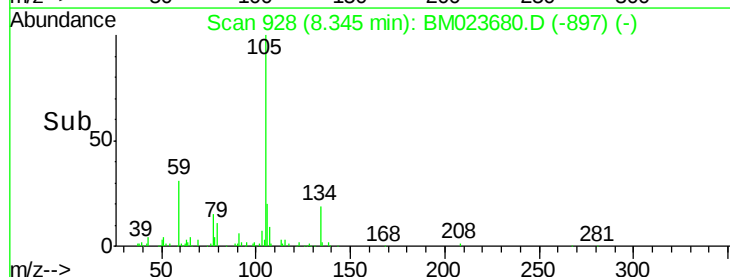
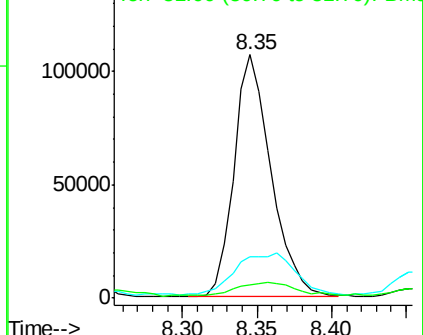


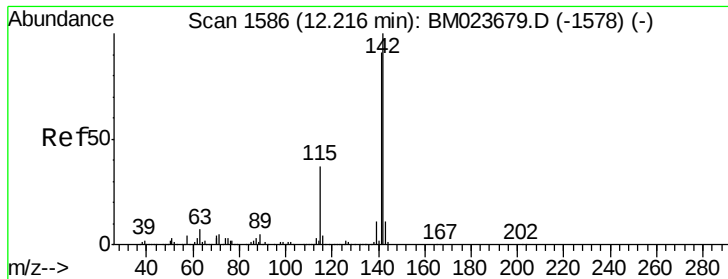
Abundance

Ion 105.00 (104.70 to 105.70): BM023679.D (-919) (-)

Ion 77.00 (76.70 to 77.70): BM023679.D (-919) (-)

Ion 51.00 (50.70 to 51.70): BM023679.D (-919) (-)

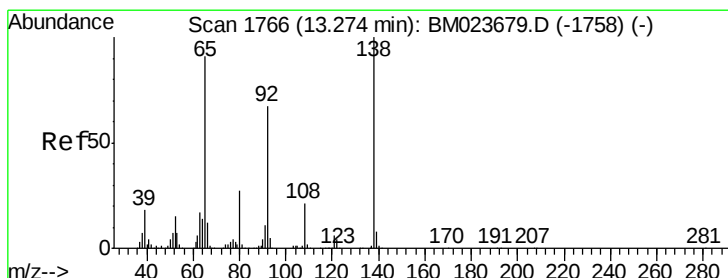
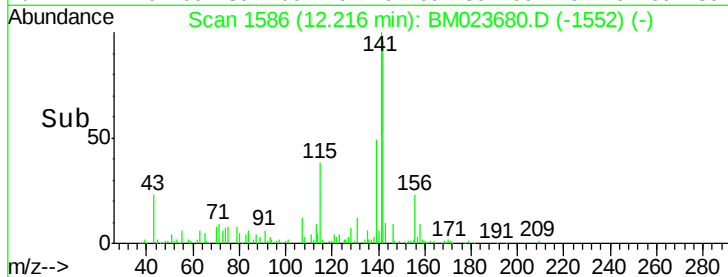
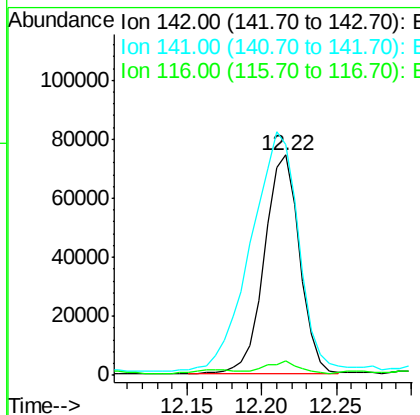
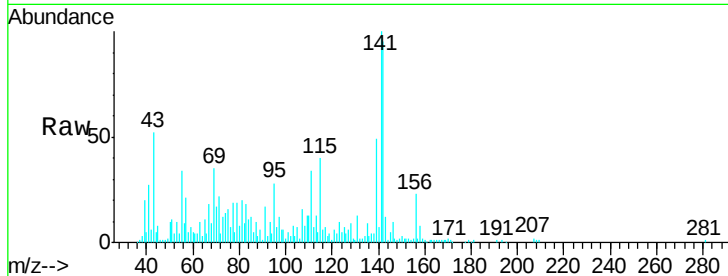




#35
 1-Methylnaphthalene
 Concen: 1.138 ng/ul
 RT: 12.22 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BM023680.D
 Acq: 13 Nov 2019 01:02

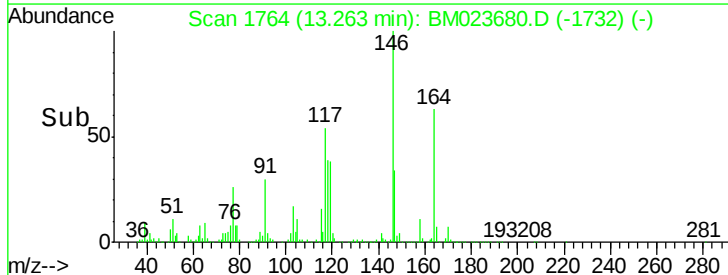
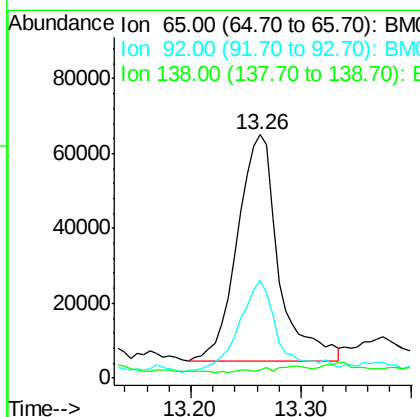
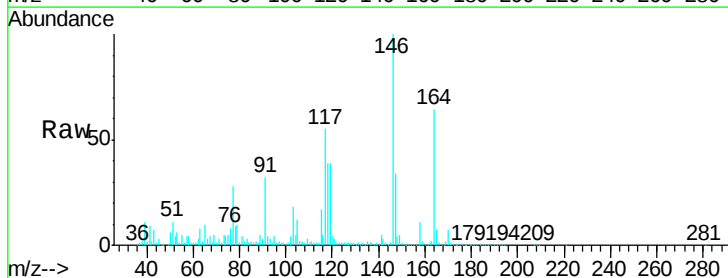
Instrument :
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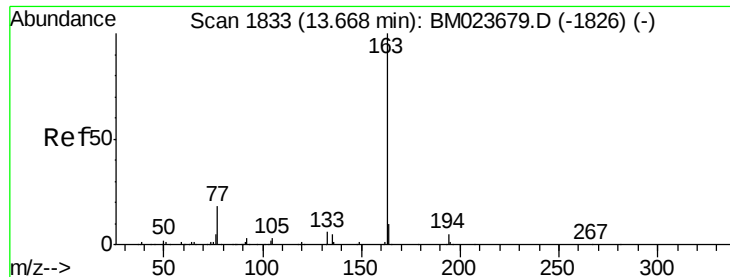
Tgt Ion: 142 Resp: 121983
 Ion Ratio Lower Upper
 142 100
 141 104.8 74.6 112.0
 116 6.5 3.2 4.8#



#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: 65 Resp: 158557
 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 :

BEJN9

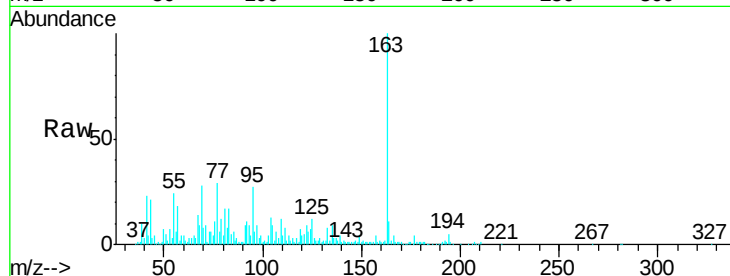
Tgt Ion:163 Resp: 254980

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

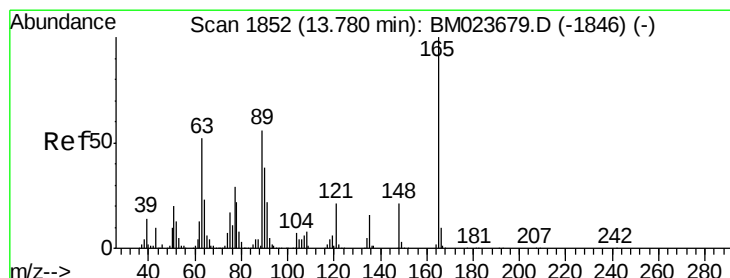
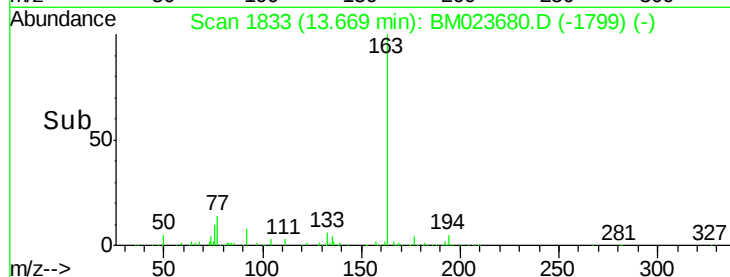
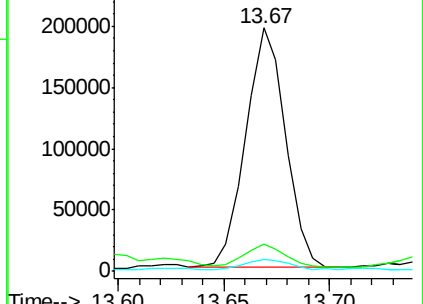
164 11.5 8.0 12.0



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. -0.02 min

Lab File: BM023680.D

Acq: 13 Nov 2019 01:02

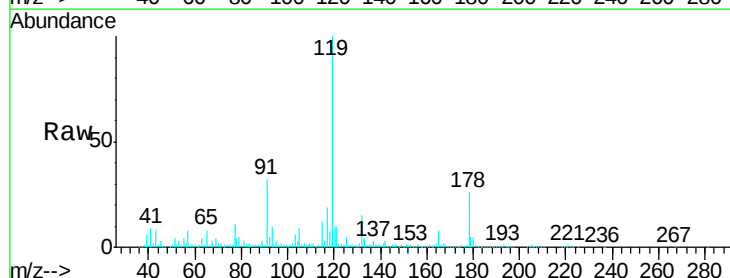
Tgt Ion:165 Resp: 129180

Ion Ratio Lower Upper

165 100

89 38.5 43.8 65.8#

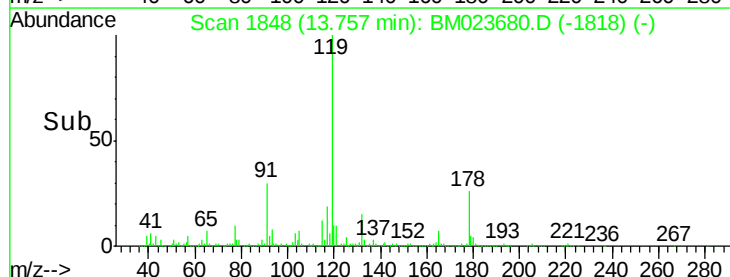
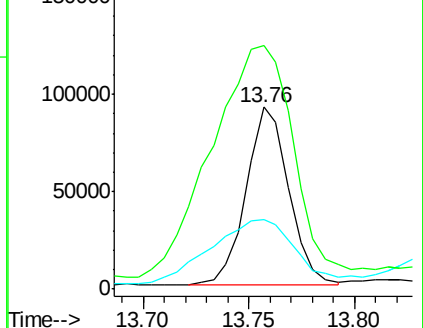
121 133.8 17.0 25.4#

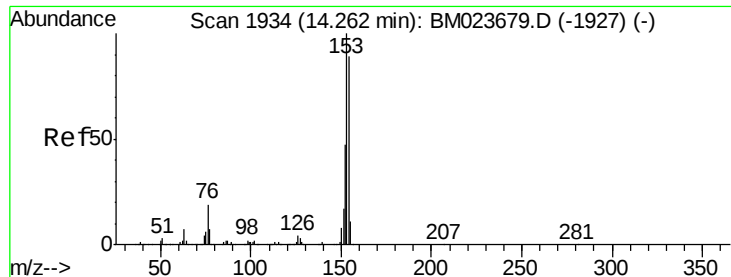


Abundance Ion 165.00 (164.70 to 165.70): E

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. 0.00 min

Lab File: BM023680.D

Acq: 13 Nov 2019 01:02

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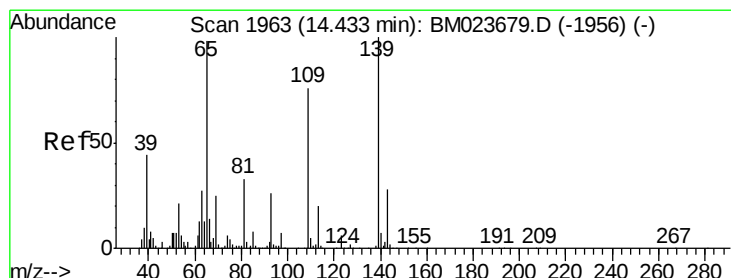
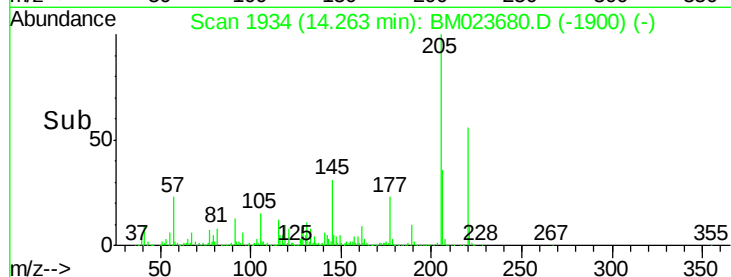
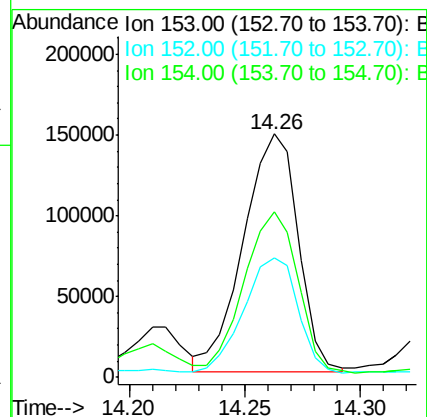
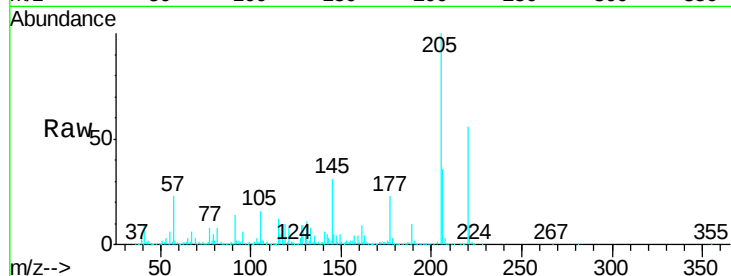
Tgt Ion:153 Resp: 242838

Ion Ratio Lower Upper

153 100

152 49.3 37.7 56.5

154 68.0 70.6 106.0#



#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

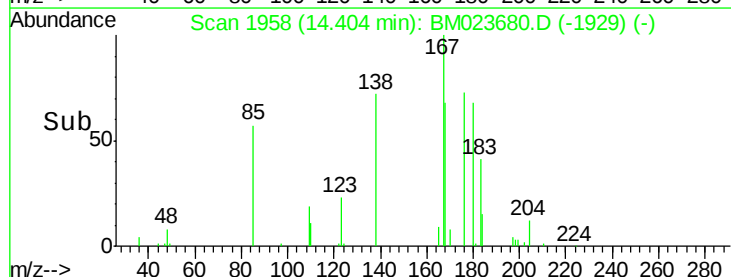
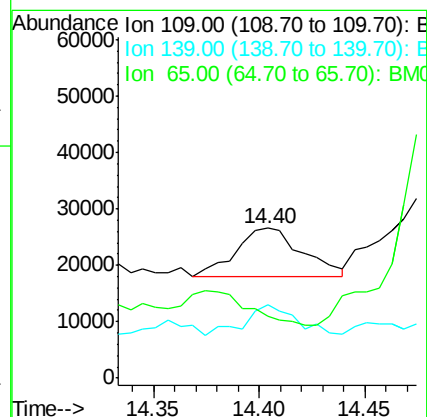
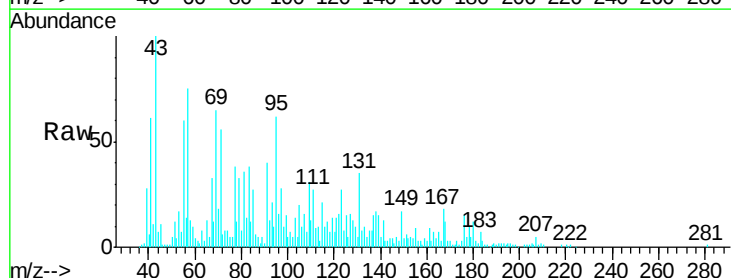
Tgt Ion:109 Resp: 19041

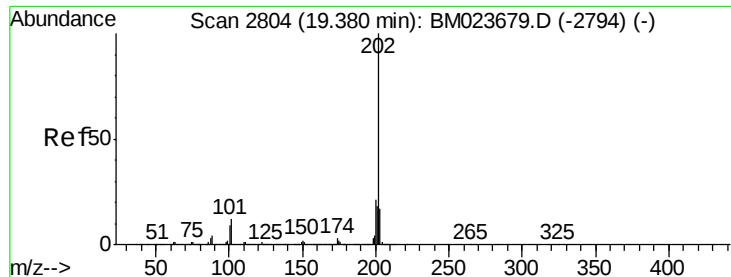
Ion Ratio Lower Upper

109 100

139 48.9 103.4 155.0#

65 41.1 101.3 151.9#





#80

Pyrene

Concen: 2.441 ng/ul

RT: 19.35 min Scan# 2799

Delta R.T. -0.03 min

Lab File: BM023680.D

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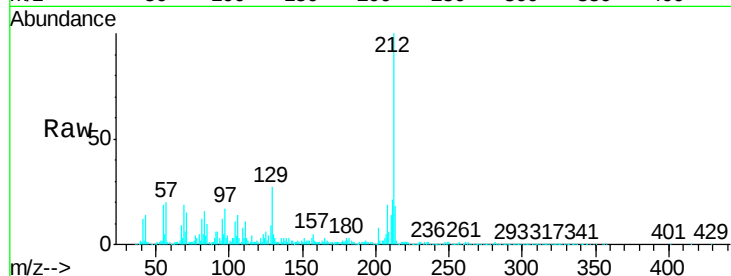
Tgt Ion:202 Resp: 366379

Ion Ratio Lower Upper

202 100

101 6.9 9.8 14.6#

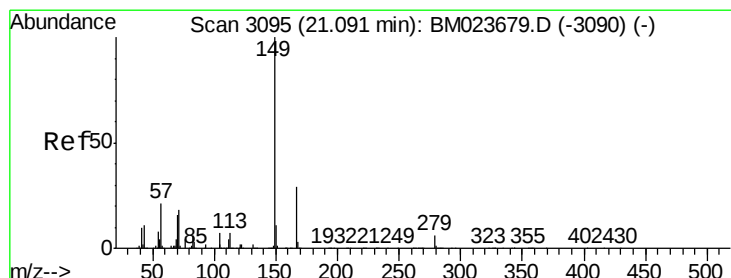
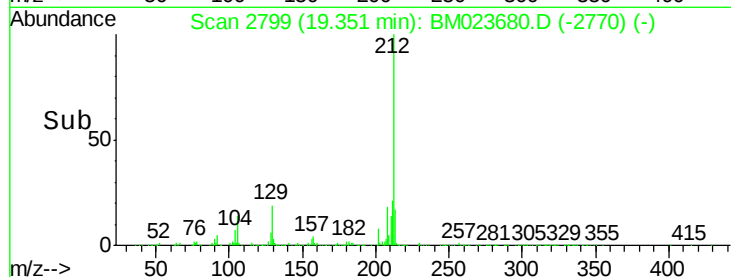
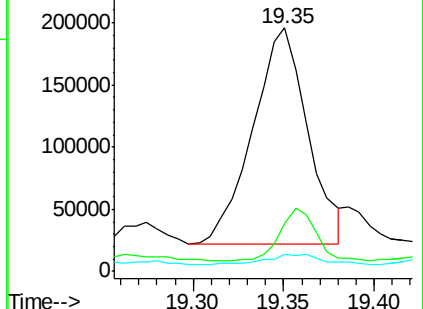
100 19.7 8.1 12.1#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 25.769 ng/ul

RT: 21.10 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM023680.D

Acq: 13 Nov 2019 01:02

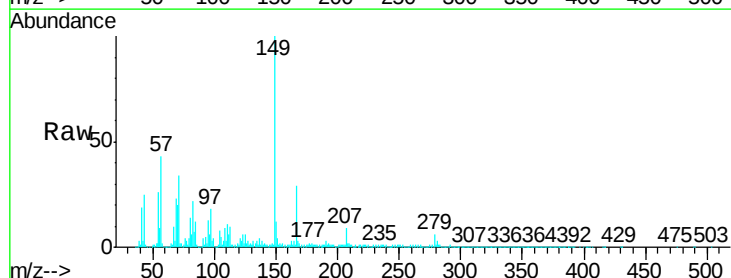
Tgt Ion:149 Resp: 1849862

Ion Ratio Lower Upper

149 100

167 29.5 23.4 35.2

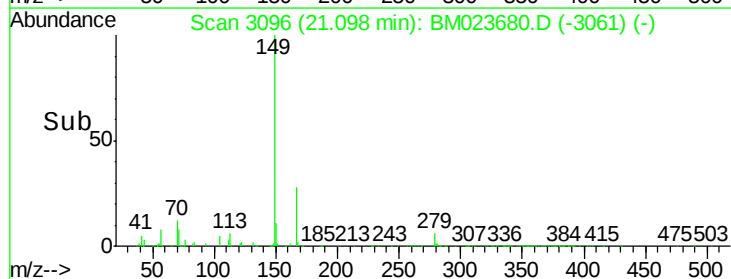
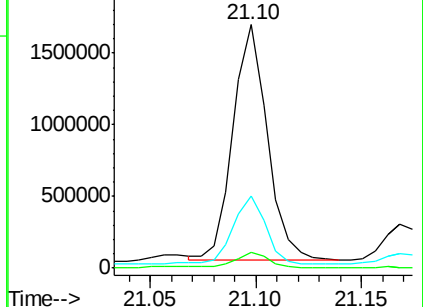
279 6.4 5.0 7.4

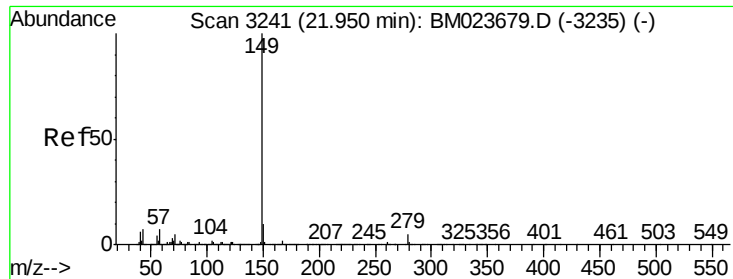


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Di-n-octyl phthalate

Concen: 3.241 ng/ul

RT: 21.96 min Scan# 3242

Delta R.T. 0.01 min

Lab File: BM023680.D

Acq: 13 Nov 2019 01:02

Instrument :

BNA_M

ClientSampleId :

BEJN9

Tgt Ion:149 Resp: 404267

