

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111219\
 Data File : BM023682.D
 Acq On : 13 Nov 2019 02:14
 Operator : JU
 Sample : K5579-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEJP1

Quant Time: Nov 13 07:57:47 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	7.55	152	714773	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	3229670	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.20	164	2201252	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	4609066	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	3392876	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	3297773	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	85305	4.92	ng/uL	0.00
5) Phenol-d5	6.74	99	578948	8.89	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.89	67	937915	25.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	1205085	25.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	962151	18.51	ng/ul	0.02
19) Nitrobenzene-d5	8.70	128	696808	30.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	829558	34.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	1665857	30.07	ng/ul	0.02
29) 4-Chloroaniline-d4	10.47	131	192981	3.17	ng/ul	0.01
44) Dimethylphthalate-d6	13.63	166	5193654	30.25	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	5781968	29.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	1312	0.04	ng/ul	-0.04
58) Fluorene-d10	15.20	176	4445022	29.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	903767	33.90	ng/ul	0.00
71) Anthracene-d10	17.05	188	6628537	30.32	ng/ul	0.00
79) Pyrene-d10	19.36	212	6650544	37.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	5371533	30.95	ng/ul	0.00

Target Compounds

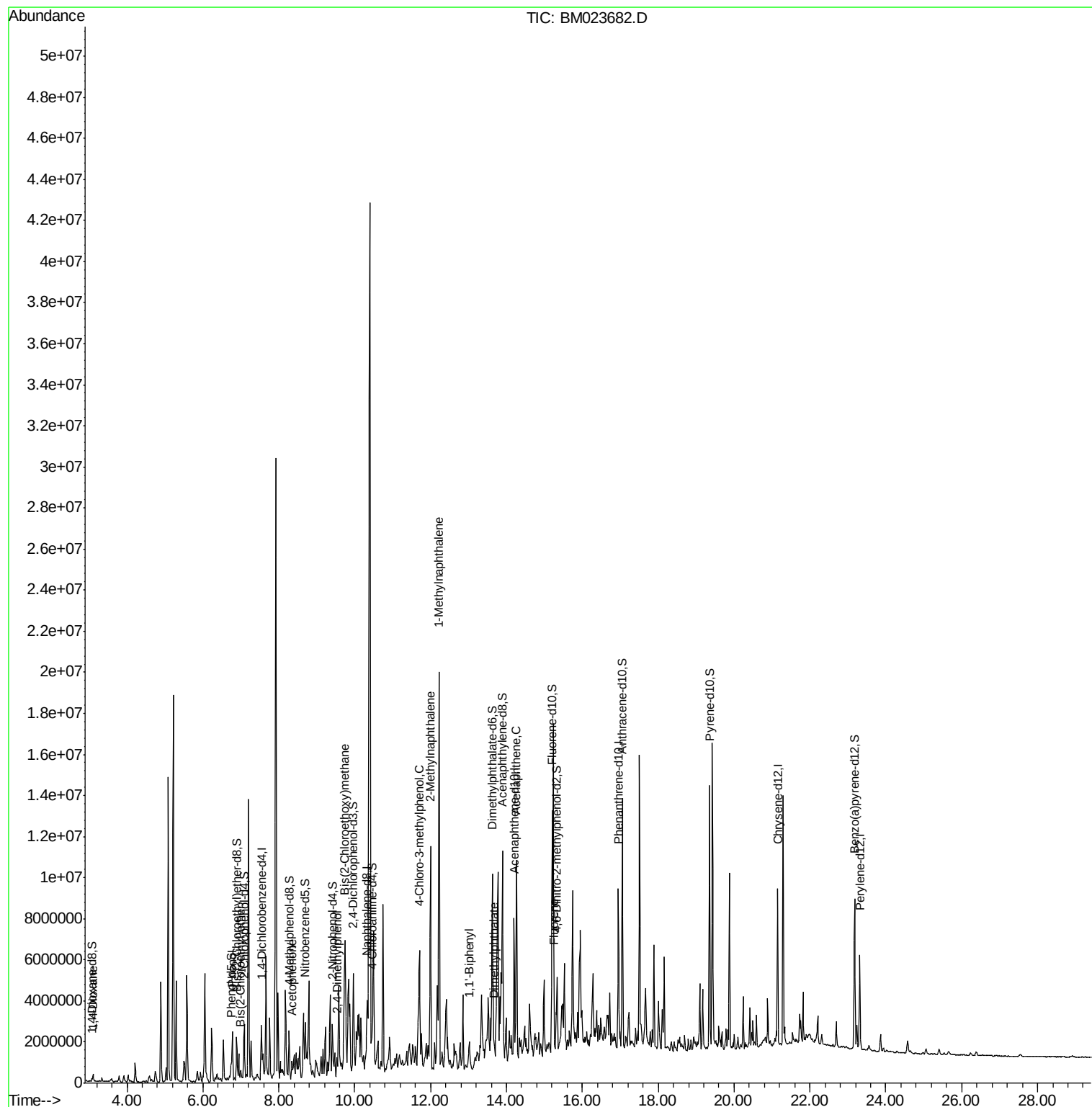
					Qvalue	
2) 1,4-Dioxane	3.10	88	219206	11.798	ng/uL	99
6) Phenol	6.77	94	677013	10.086	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.98	93	162467	3.160	ng/ul	99
14) Acetophenone	8.35	105	326142	4.023	ng/ul#	39
24) 2,4-Dimethylphenol	9.53	107	303927	4.921	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.75	93	94712	1.266	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.70	107	1447849	24.477	ng/ul#	20
34) 2-Methylnaphthalene	12.00	142	4921616	37.901	ng/ul	98
35) 1-Methylnaphthalene	12.22	142	9416095	73.523	ng/ul	99
41) 1,1'-Biphenyl	13.03	154	517153	3.045	ng/ul	100
45) Dimethylphthalate	13.67	163	315192	1.874	ng/ul#	94
50) Acenaphthene	14.27	153	3139406	22.431	ng/ul	99
59) Fluorene	15.26	166	188714	1.123	ng/ul#	93

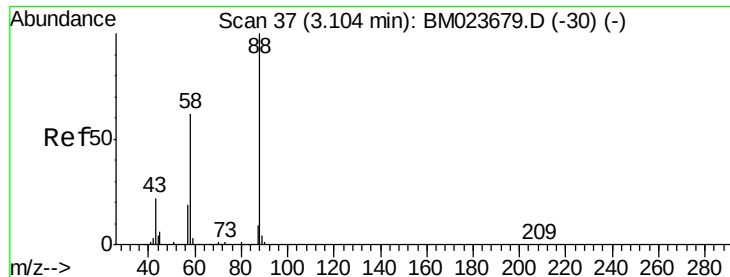
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 13 07:53:58 2019
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 11.798 ng/uL

RT: 3.10 min Scan# 37

Delta R.T. 0.00 min

Lab File: BM023682.D

Acq: 13 Nov 2019 02:14

Instrument :

BNA_M

ClientSampleId :

BEJP1

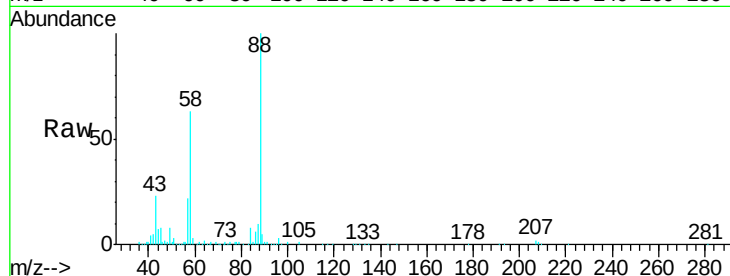
Tgt Ion: 88 Resp: 219206

Ion Ratio Lower Upper

88 100

43 23.5 18.9 28.3

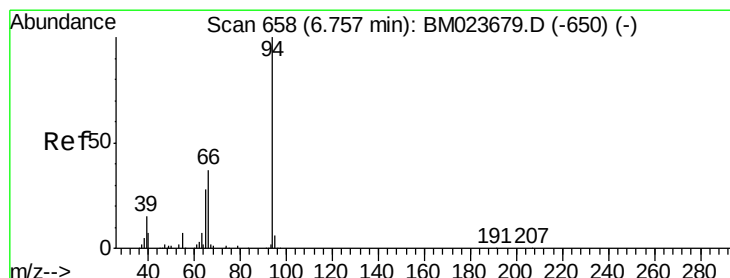
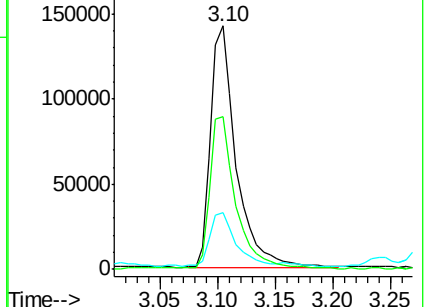
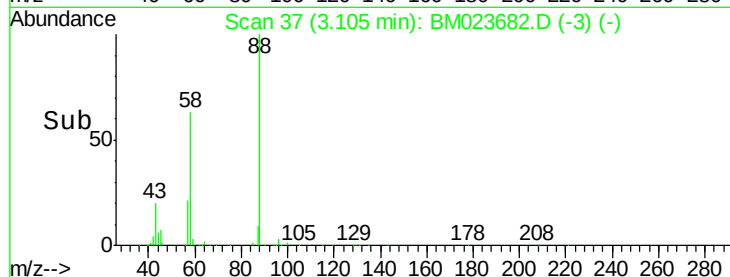
58 62.7 49.1 73.7



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: 10.086 ng/uL

RT: 6.77 min Scan# 660

Delta R.T. 0.01 min

Lab File: BM023682.D

Acq: 13 Nov 2019 02:14

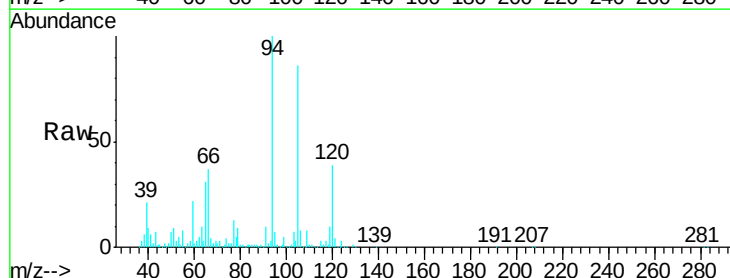
Tgt Ion: 94 Resp: 677013

Ion Ratio Lower Upper

94 100

65 30.7 21.4 32.2

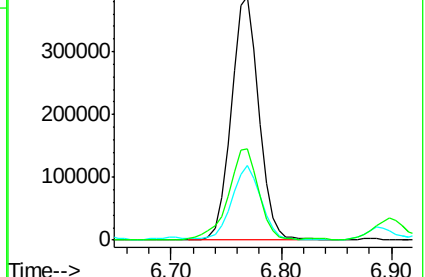
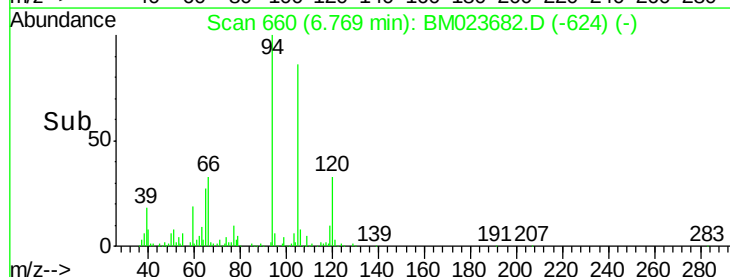
66 37.4 30.7 46.1

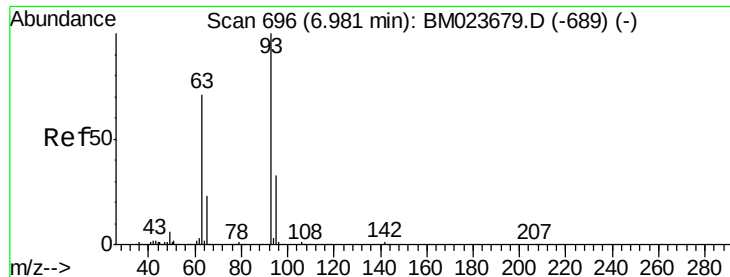


Abundance Ion 94.00 (93.70 to 94.70): BM023679.D (-650) (-)

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: 3.160 ng/ul

RT: 6.98 min Scan# 696

Delta R.T. 0.00 min

Lab File: BM023682.D

Acq: 13 Nov 2019 02:14

Instrument :

BNA_M

ClientSampleId :

BEJP1

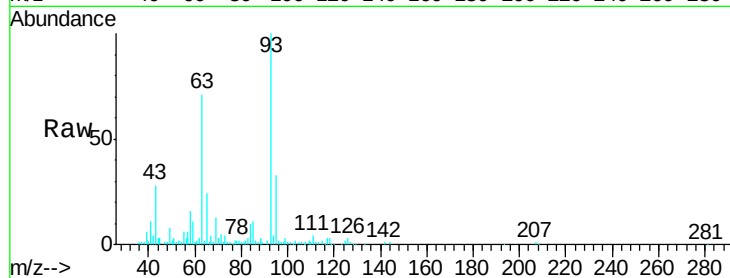
Tgt Ion: 93 Resp: 162467

Ion Ratio Lower Upper

93 100

63 70.7 55.4 83.0

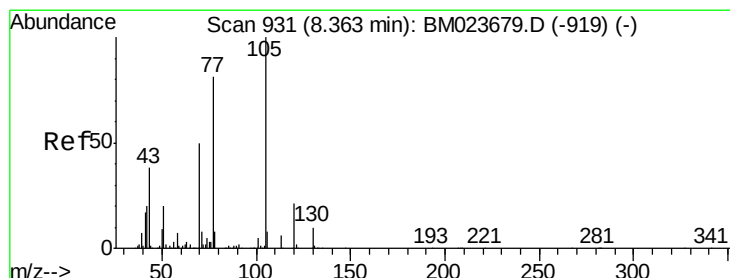
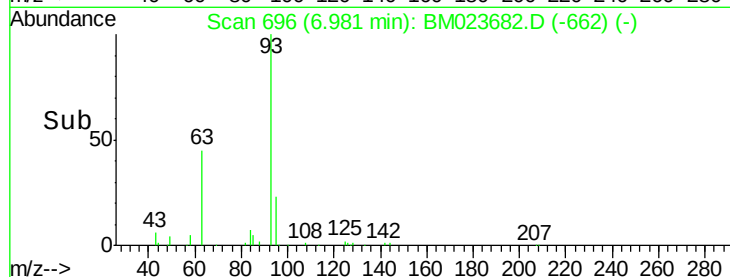
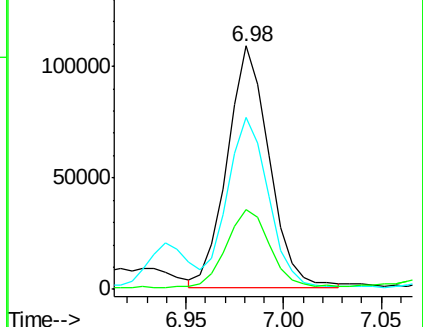
95 32.7 26.2 39.4



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: 4.023 ng/ul

RT: 8.35 min Scan# 928

Delta R.T. -0.02 min

Lab File: BM023682.D

Acq: 13 Nov 2019 02:14

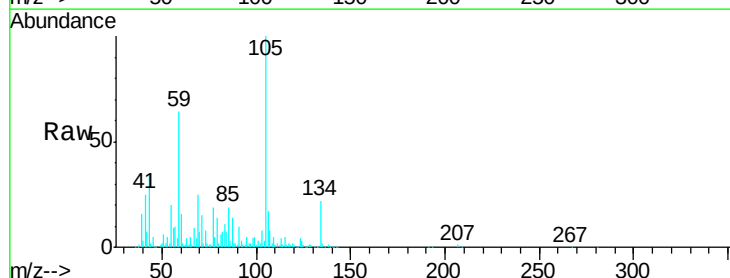
Tgt Ion: 105 Resp: 326142

Ion Ratio Lower Upper

105 100

77 18.9 63.8 95.6#

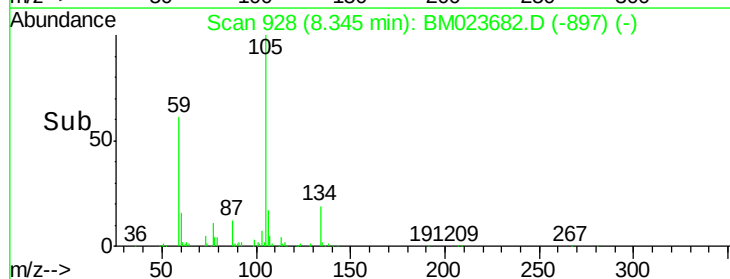
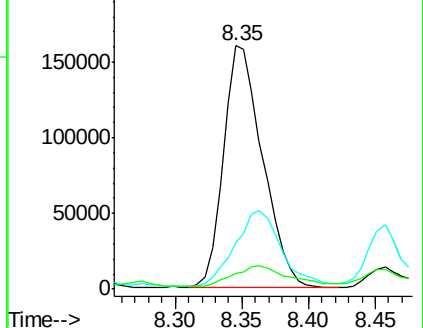
51 6.4 16.3 24.5#

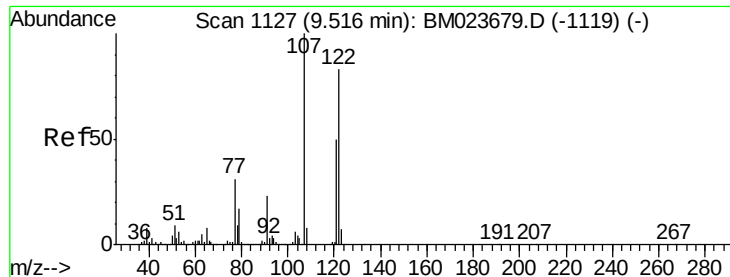


Abundance Ion 105.00 (104.70 to 105.70): BM023679.D (-919) (-)

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

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

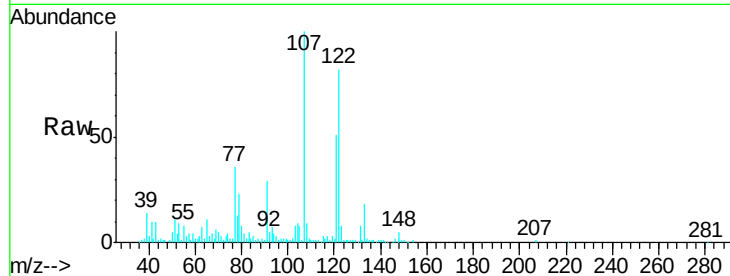




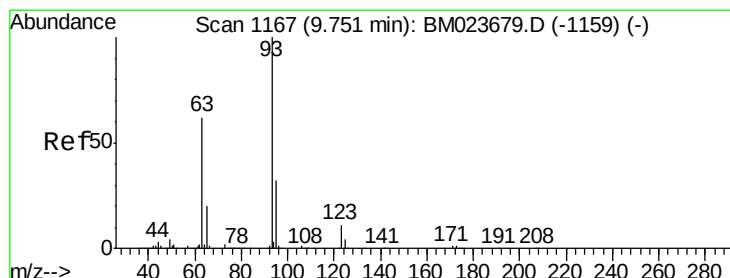
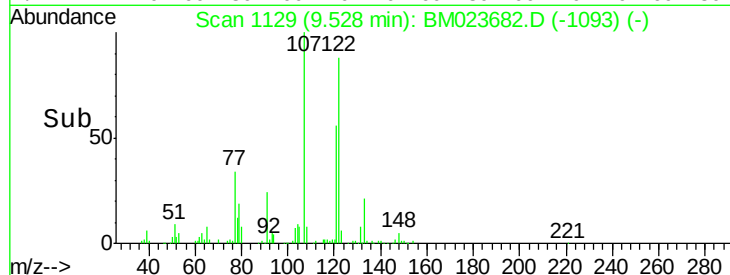
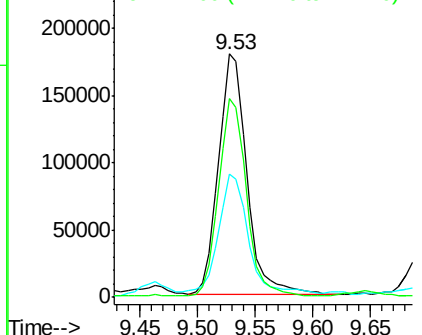
#24
 2,4-Dimethylphenol
 Concen: 4.921 ng/ul
 RT: 9.53 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BM023682.D
 Acq: 13 Nov 2019 02:14

Instrument :
 BNA_M
 ClientSampleId :
 BEJP1

Tgt Ion	Ratio	Lower	Upper
107	100		
121	50.8	38.6	57.8
122	81.7	65.9	98.9

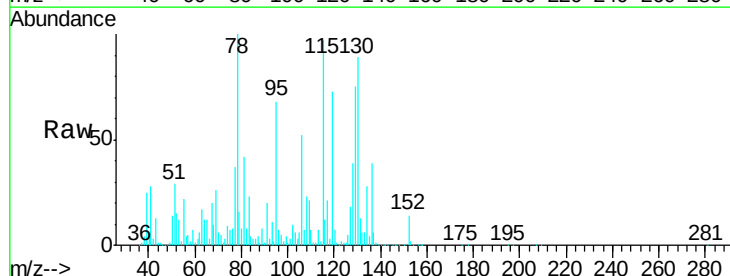


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E
 Ion 122.00 (121.70 to 122.70): E

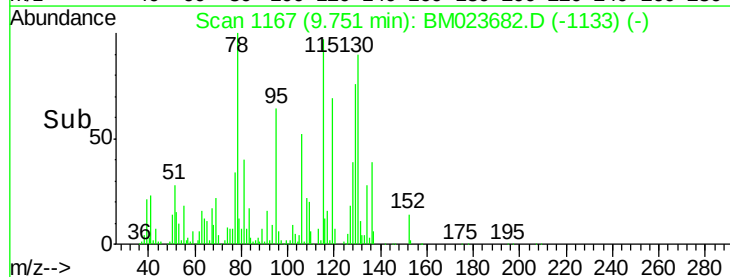
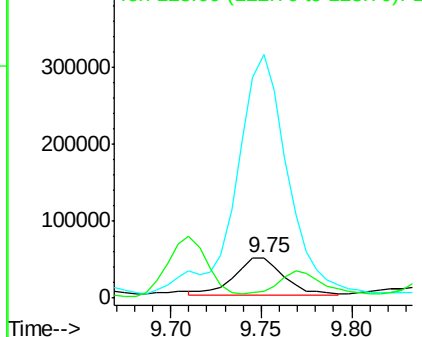


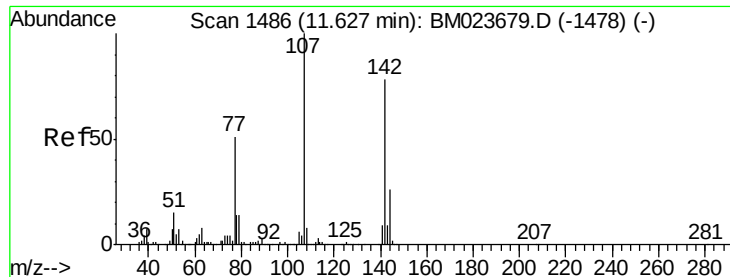
#25
 Bis(2-Chloroethoxy)methane
 Concen: 1.266 ng/ul
 RT: 9.75 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BM023682.D
 Acq: 13 Nov 2019 02:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	601.9	25.7	38.5#
123	18.3	8.3	12.5#



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E

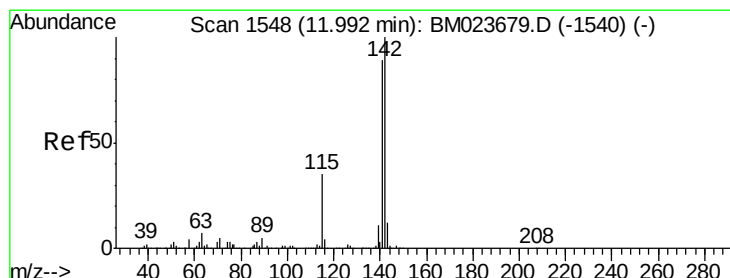
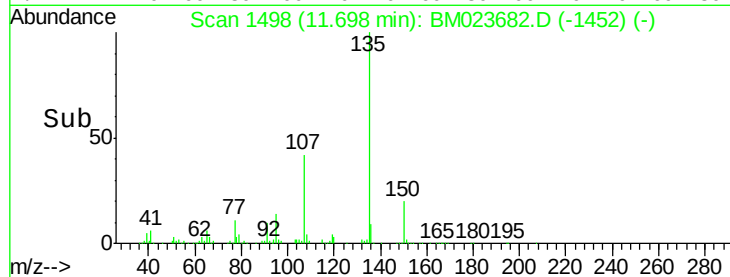
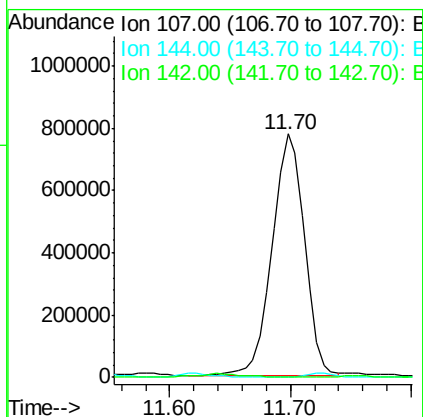
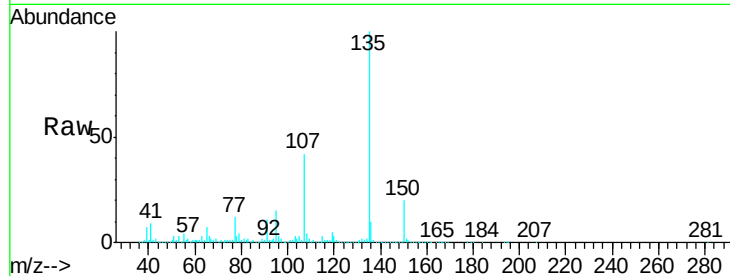




#33
 4-Chloro-3-methylphenol
 Concen: 24.477 ng/ul
 RT: 11.70 min Scan# 1498
 Delta R.T. 0.07 min
 Lab File: BM023682.D
 Acq: 13 Nov 2019 02:14

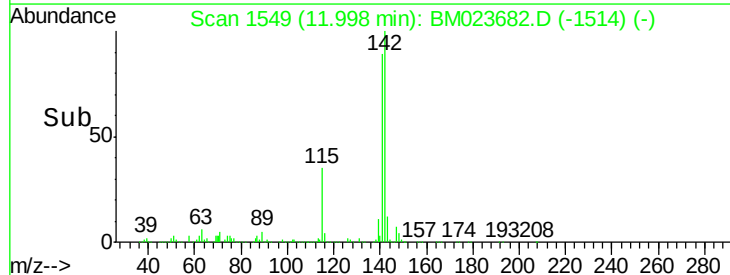
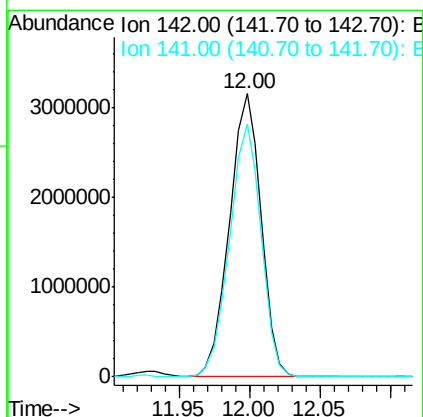
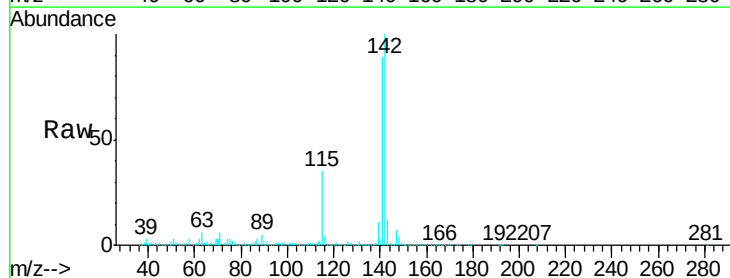
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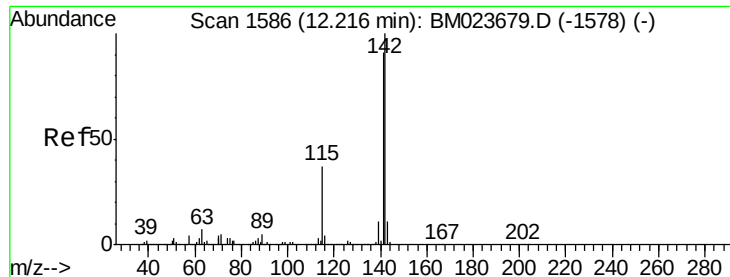
Tgt Ion:107 Resp: 1447849
 Ion Ratio Lower Upper
 107 100
 144 0.2 20.6 30.8#
 142 0.2 62.9 94.3#



#34
 2-Methylnaphthalene
 Concen: 37.901 ng/ul
 RT: 12.00 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BM023682.D
 Acq: 13 Nov 2019 02:14

Tgt Ion:142 Resp: 4921616
 Ion Ratio Lower Upper
 142 100
 141 89.4 69.8 104.8

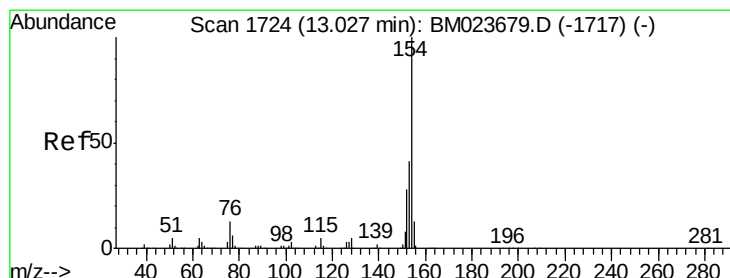
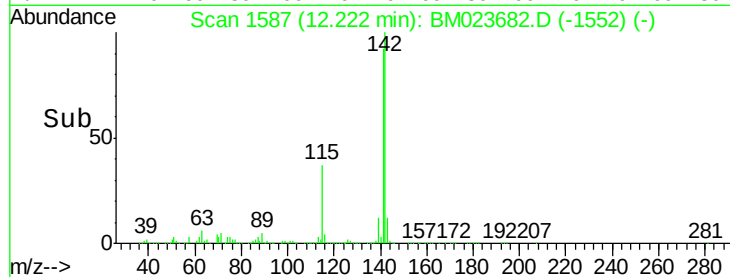
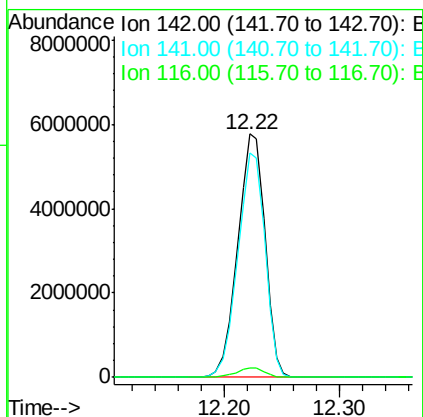
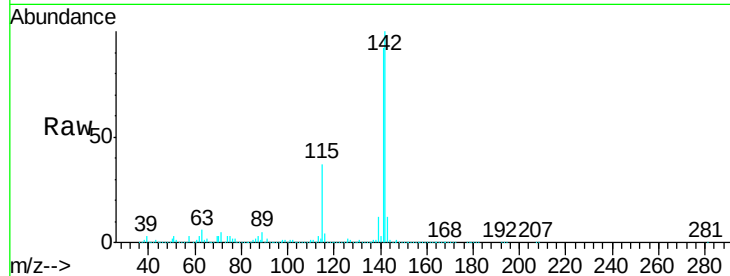




#35
 1-Methylnaphthalene
 Concen: 73.523 ng/ul
 RT: 12.22 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BM023682.D
 Acq: 13 Nov 2019 02:14

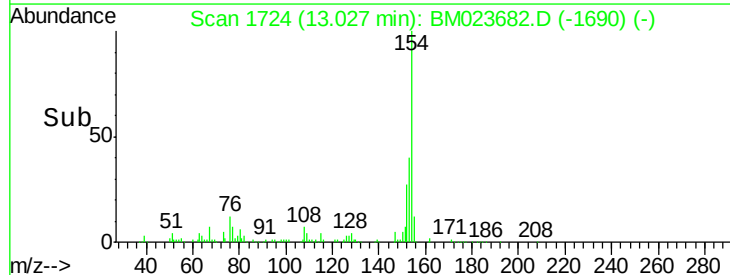
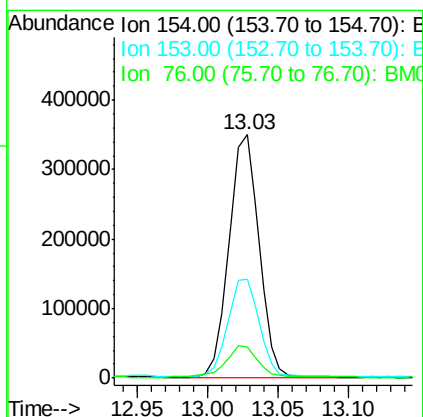
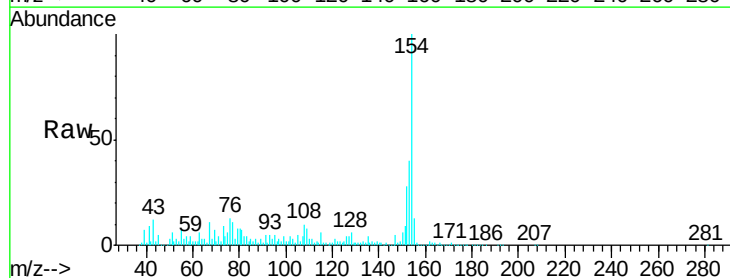
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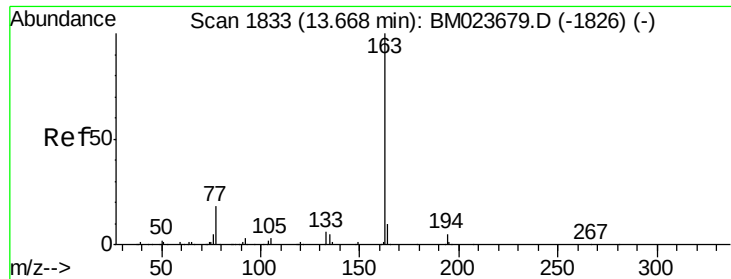
Tgt Ion:142 Resp: 9416095
 Ion Ratio Lower Upper
 142 100
 141 92.1 74.6 112.0
 116 4.0 3.2 4.8



#41
 1,1'-Biphenyl
 Concen: 3.045 ng/ul
 RT: 13.03 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BM023682.D
 Acq: 13 Nov 2019 02:14

Tgt Ion:154 Resp: 517153
 Ion Ratio Lower Upper
 154 100
 153 40.4 32.3 48.5
 76 12.7 10.6 15.8





#45

Dimethylphthalate

Concen: 1.874 ng/ul

RT: 13.67 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BM023682.D

Acq: 13 Nov 2019 02:14

Instrument :

BNA_M

ClientSampleId :

BEJP1

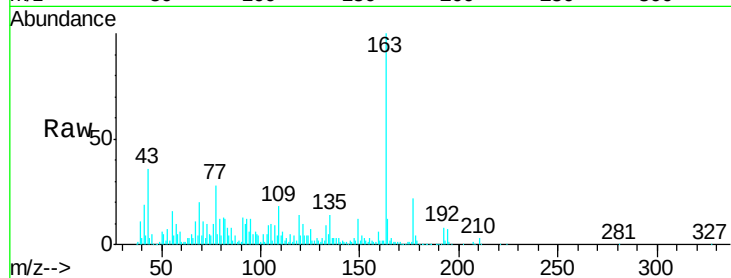
Tgt Ion:163 Resp: 315192

Ion Ratio Lower Upper

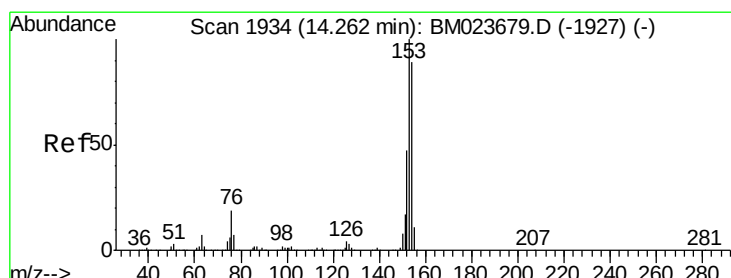
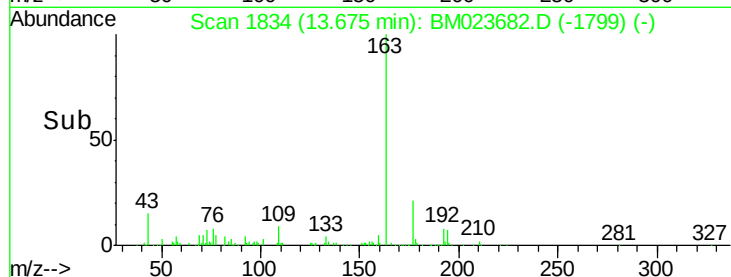
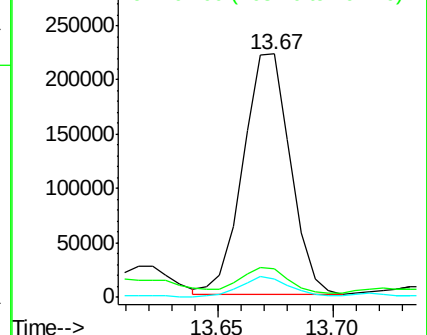
163 100

194 7.3 3.4 5.2#

164 11.8 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



#50

Acenaphthene

Concen: 22.431 ng/ul

RT: 14.27 min Scan# 1935

Delta R.T. 0.01 min

Lab File: BM023682.D

Acq: 13 Nov 2019 02:14

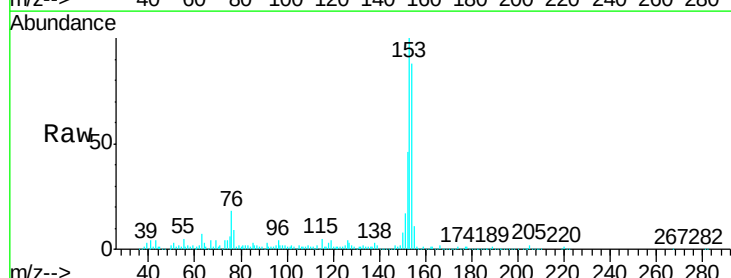
Tgt Ion:153 Resp: 3139406

Ion Ratio Lower Upper

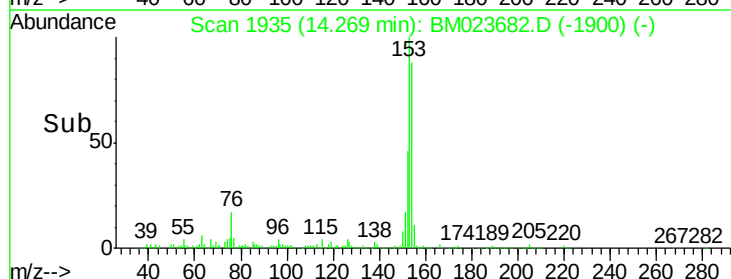
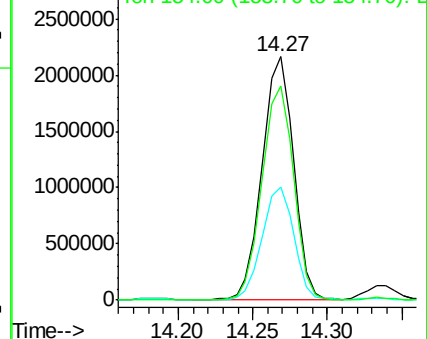
153 100

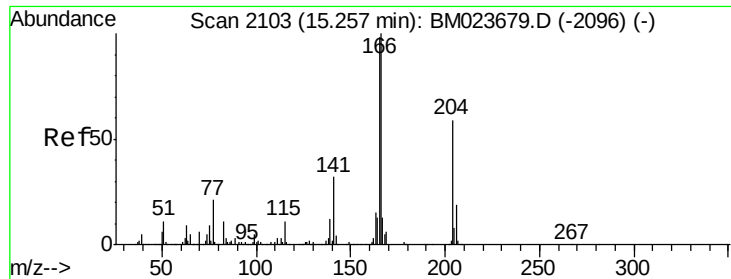
152 46.4 37.7 56.5

154 87.7 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





#59

Fluorene

Concen: 1.123 ng/ul

RT: 15.26 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BM023682.D

Acq: 13 Nov 2019 02:14

Instrument :

BNA_M

ClientSampleId :

BEJP1

Tgt Ion:166 Resp: 188714

Ion Ratio Lower Upper

166 100

165 102.9 77.2 115.8

167 16.6 10.9 16.3#

