

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 :

Quant Time: Nov 13 06:51:47 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	7.55	152	714773	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	3229670	20.00	ng/ul	0.00
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	0.01
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	0.01
29) 4-Chloroaniline-d4	10.47	131	192981	3.17	ng/ul	0.00
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

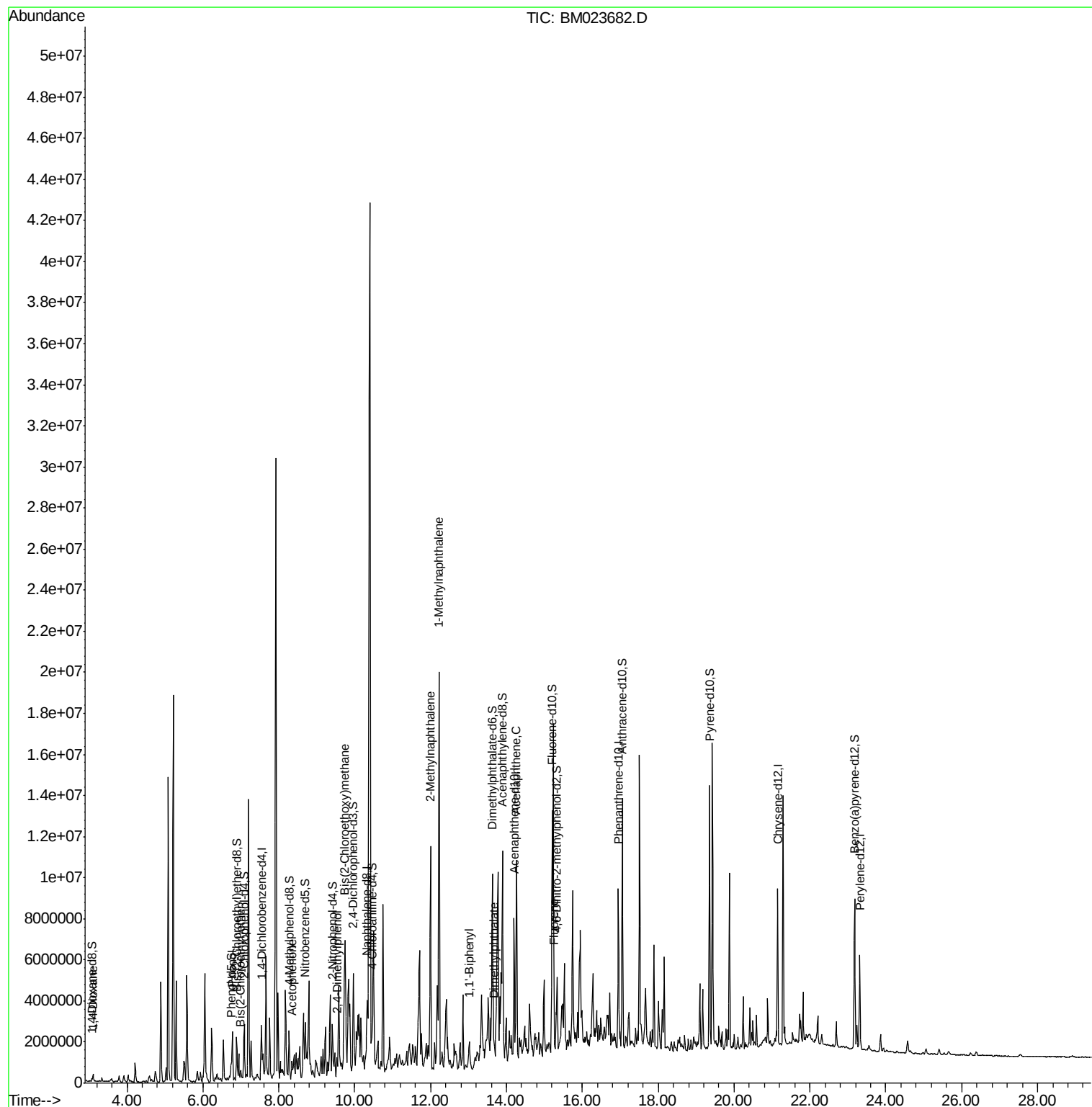
					Ovalue	
2) 1,4-Dioxane	3.10	88	219206	11.798	ng/uL	99
6) Phenol	6.77	94	677013	10.086	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.98	93	162467	3.160	ng/ul	99
14) Acetophenone	8.35	105	326142	4.023	ng/ul#	39
24) 2,4-Dimethylphenol	9.53	107	304156	4.925	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.75	93	94712	1.266	ng/ul#	1
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

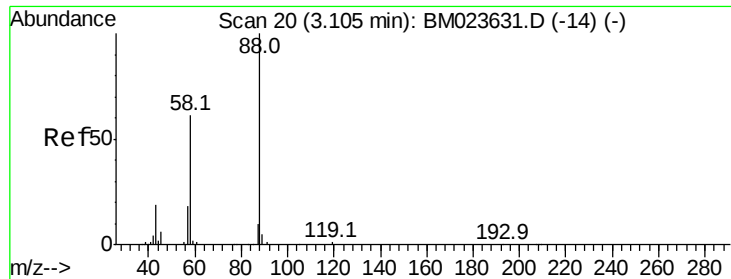
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 12 05:56:01 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 :

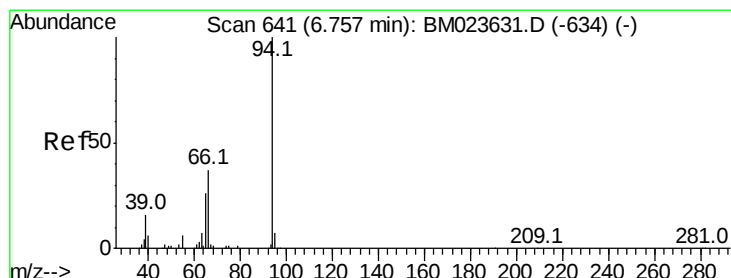
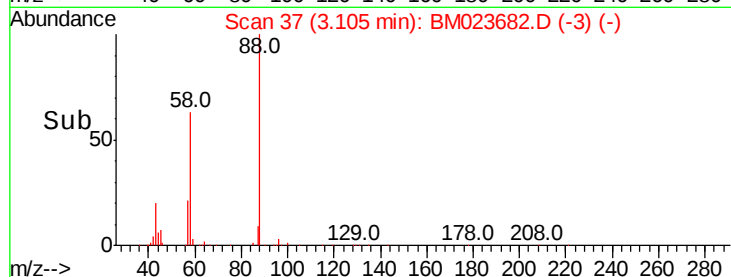
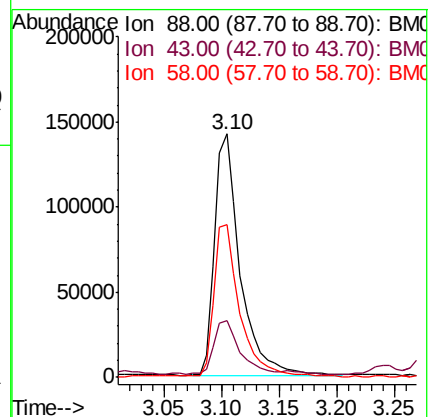
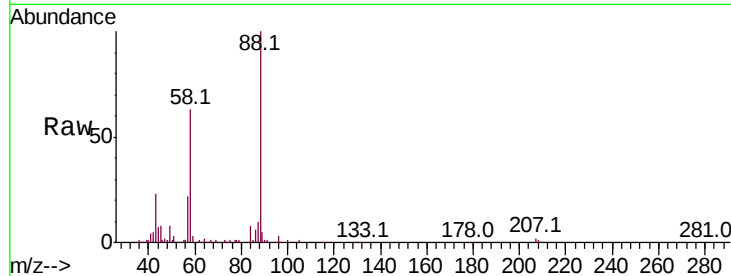
Tot Ion: 88 Resp: 219206

Ion	Ratio	Lower	Upper
88	100		
43	23.5	18.9	28.3
58	62.7	49.1	73.7

88 100

43 23.5 18.9 28.3

58 62.7 49.1 73.7



#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

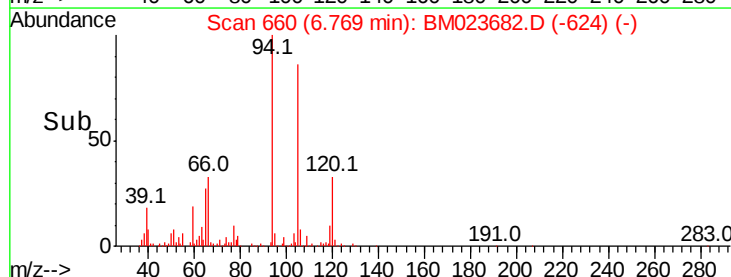
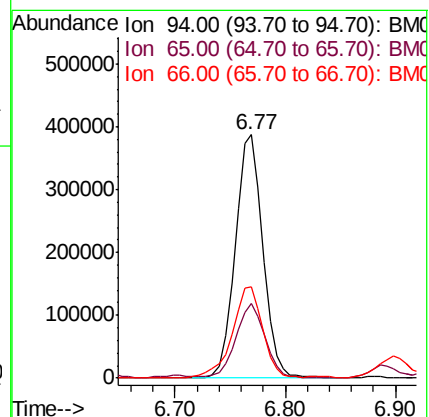
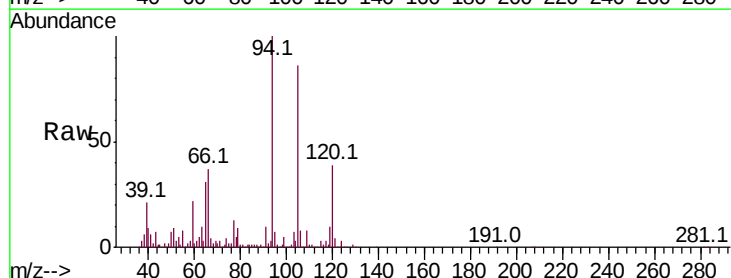
Tgt Ion: 94 Resp: 677013

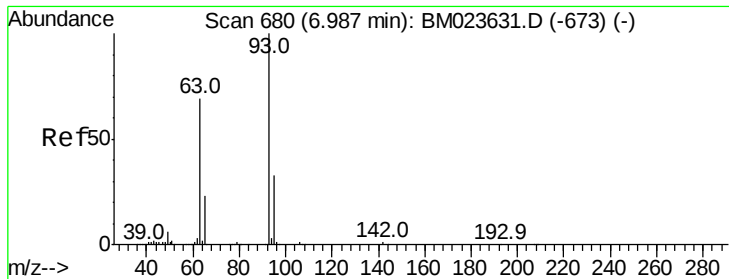
Ion	Ratio	Lower	Upper
94	100		
65	30.7	21.4	32.2
66	37.4	30.7	46.1

94 100

65 30.7 21.4 32.2

66 37.4 30.7 46.1



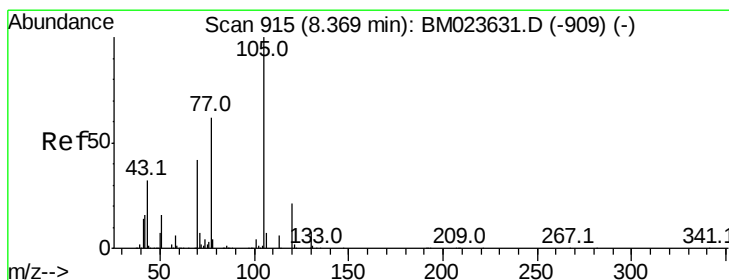
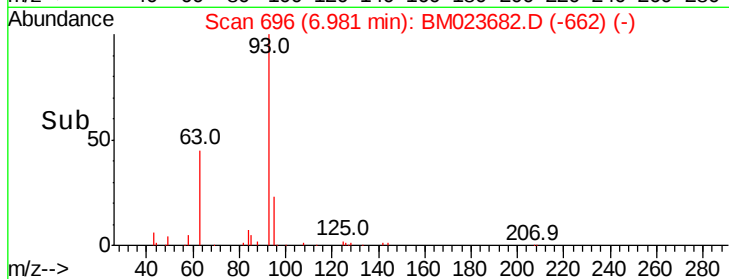
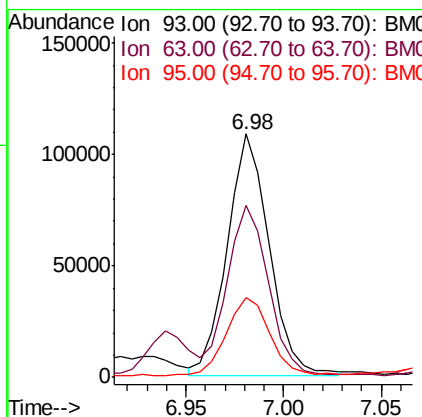
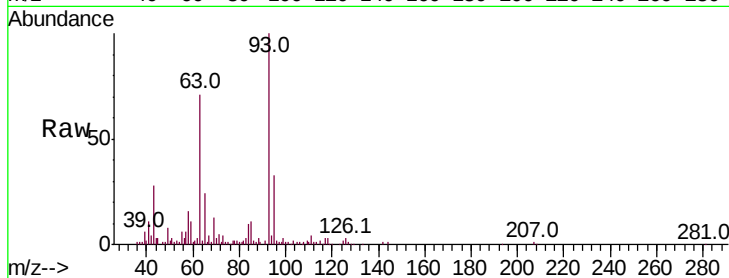


#8

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
 ClientSampled :

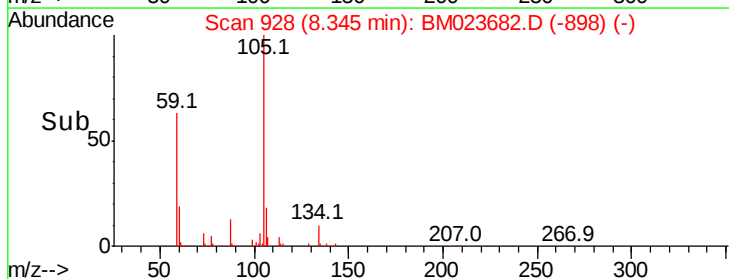
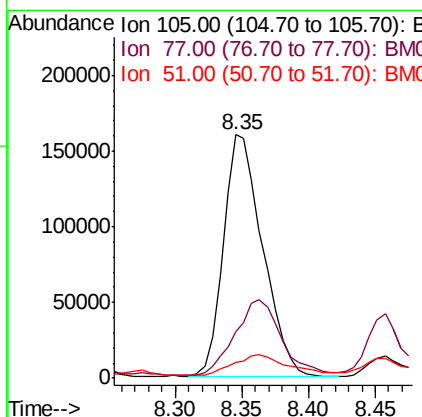
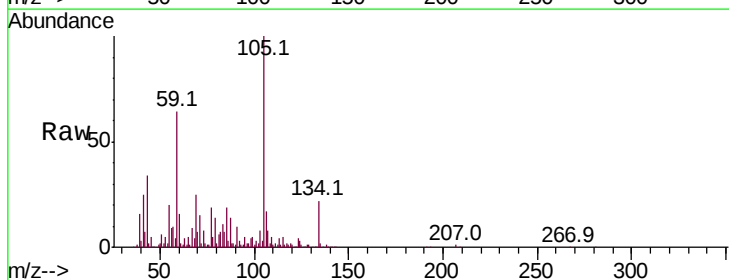
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.7	55.4	83.0
95	32.7	26.2	39.4

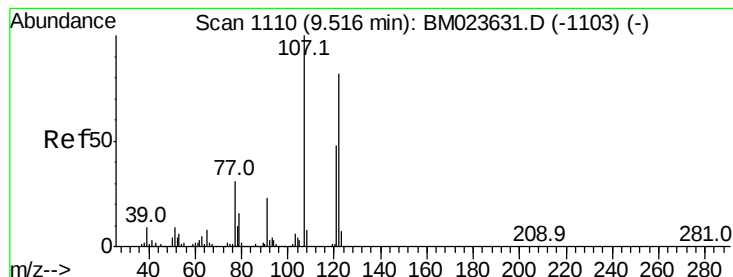


#14

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	Ratio	Lower	Upper
105	100		
77	18.9	63.8	95.6#
51	6.4	16.3	24.5#





#24

2,4-Dimethylphenol

Concen: 4.925 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

ClientSampled :

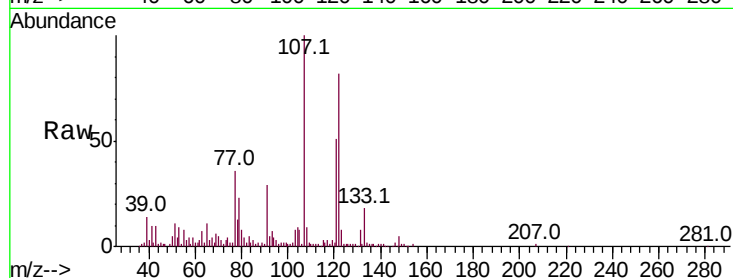
Tot Ion:107 Resp: 304156

Ion Ratio Lower Upper

107 100

121 50.8 38.6 57.8

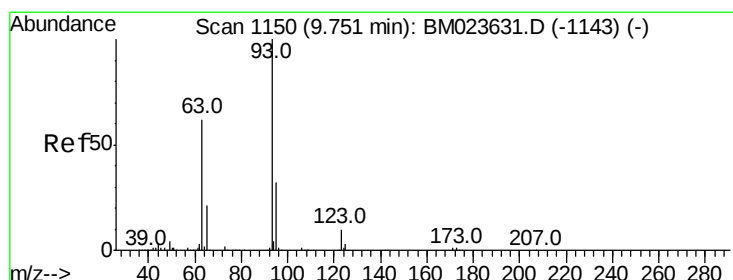
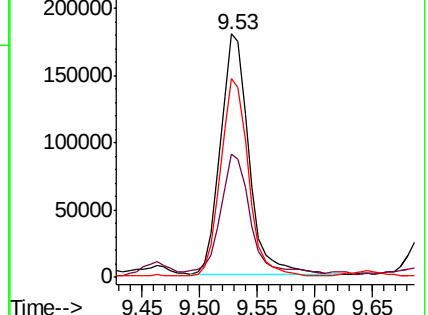
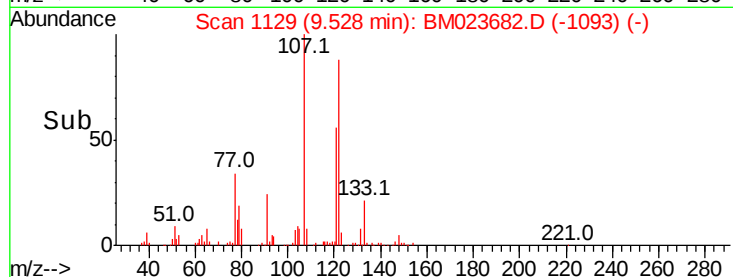
122 81.7 65.9 98.9



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

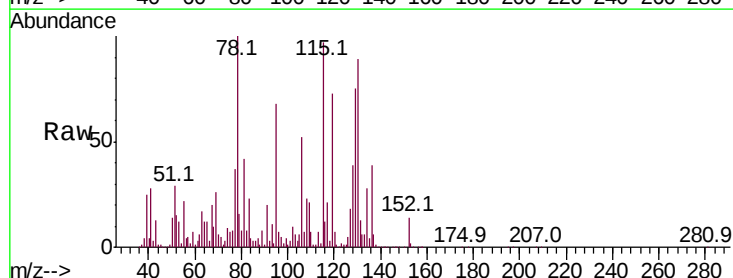
Tgt Ion: 93 Resp: 94712

Ion Ratio Lower Upper

93 100

95 601.9 25.7 38.5#

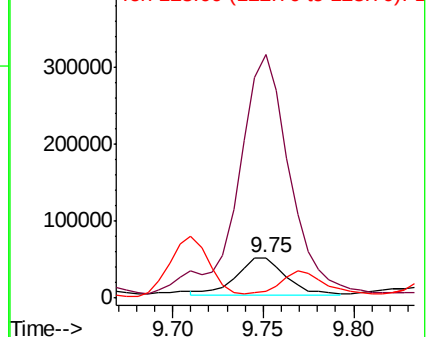
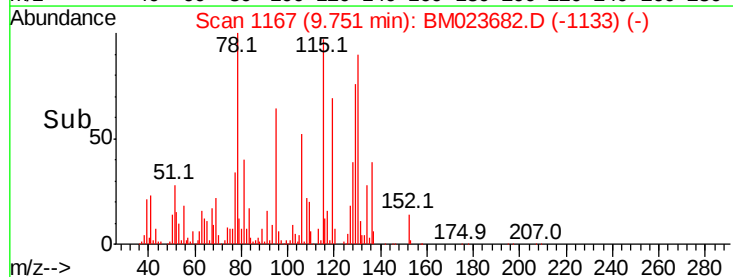
123 18.3 8.3 12.5#

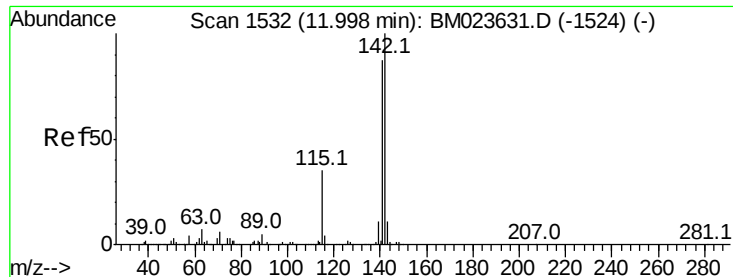


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#34

2-Methylnaphthalene

Concen: 37.901 ng/ul

RT: 12.00 min Scan# 1549

Delta R.T. -0.00 min

Lab File: BM023682.D

Acq: 13 Nov 2019 02:14

Instrument :

BNA_M

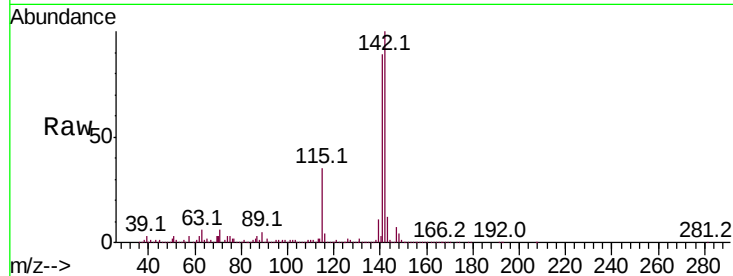
ClientSampleId :

Tot Ion:142 Resp: 4921616

Ion Ratio Lower Upper

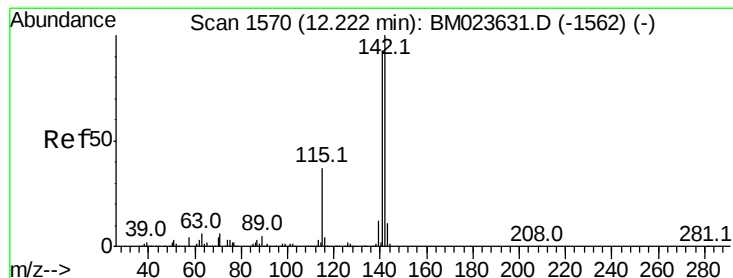
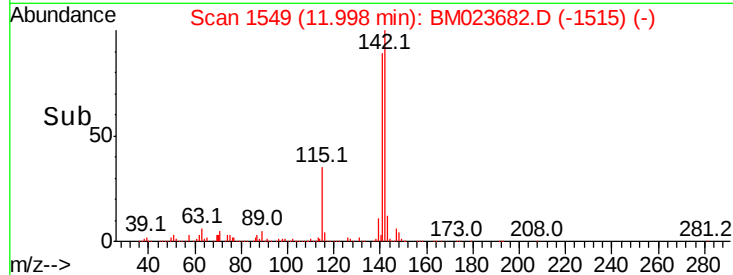
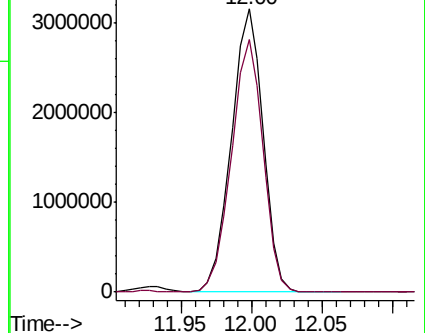
142 100

141 89.4 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 73.523 ng/ul

RT: 12.22 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BM023682.D

Acq: 13 Nov 2019 02:14

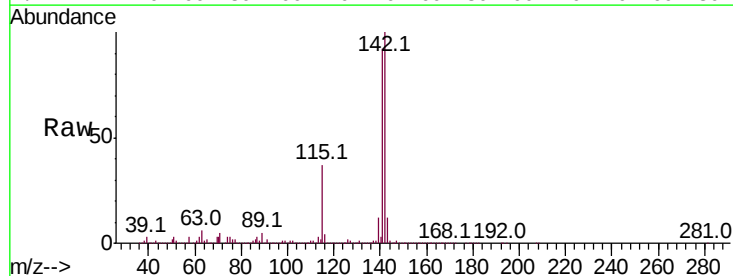
Tgt Ion:142 Resp: 9416095

Ion Ratio Lower Upper

142 100

141 92.1 74.6 112.0

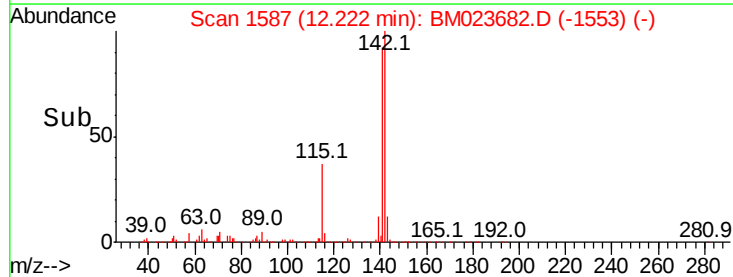
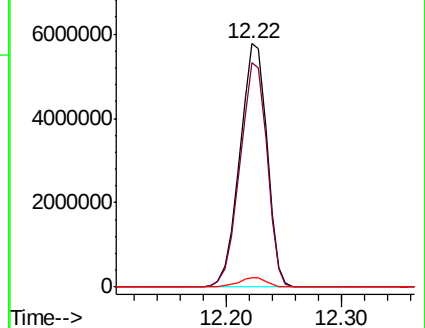
116 4.0 3.2 4.8

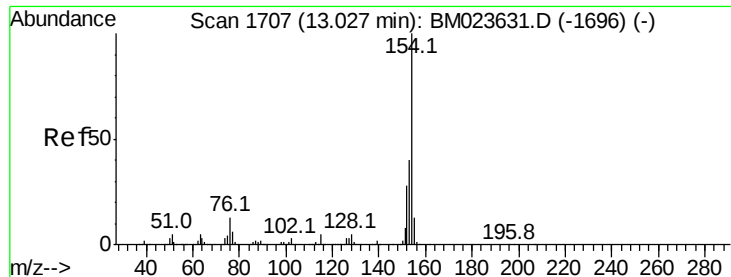


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

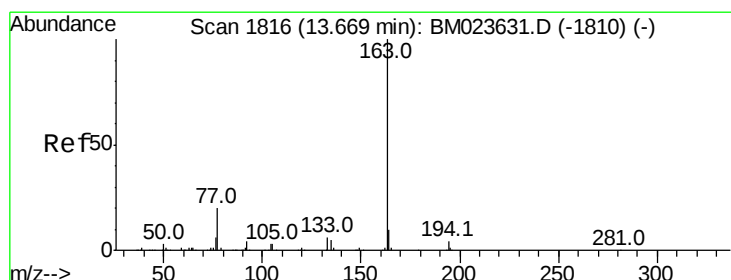
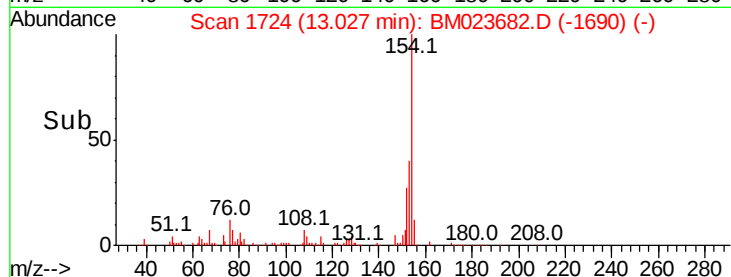
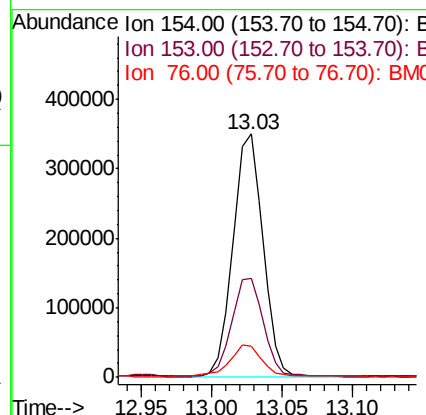
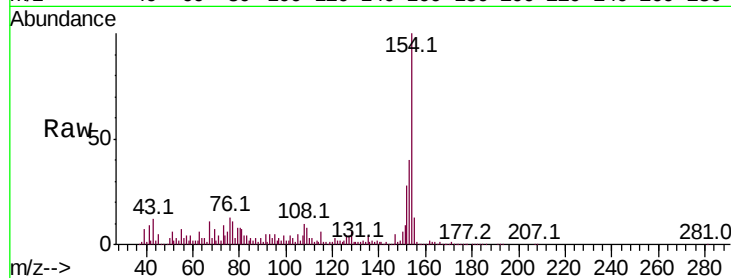




#41
 1,1'-Biphenyl
 Concen: 3.045 ng/ul
 RT: 13.03 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BM023682.D
 Acq: 13 Nov 2019 02:14

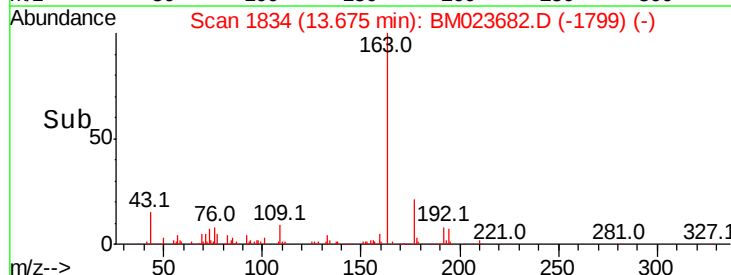
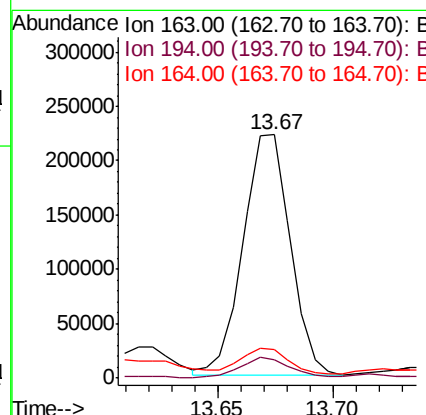
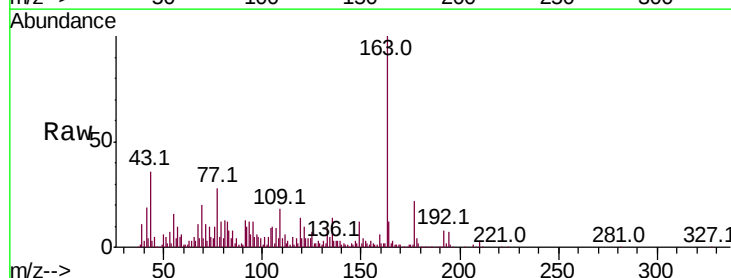
Instrument :
 BNA_M
 ClientSampleId :

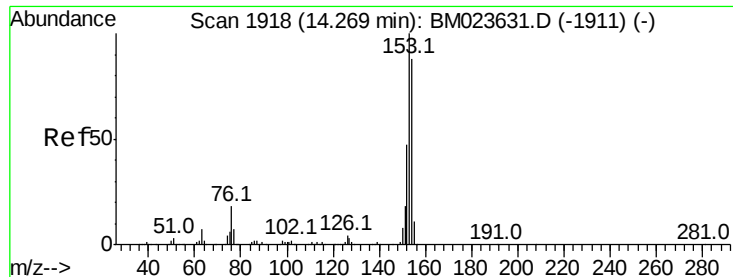
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	32.3	48.5
76	12.7	10.6	15.8



#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

Tgt Ion	Ratio	Lower	Upper
163	100		
194	7.3	3.4	5.2#
164	11.8	8.0	12.0





#50

Acenaphthene

Concen: 22.431 ng/ul

RT: 14.27 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BM023682.D

Acq: 13 Nov 2019 02:14

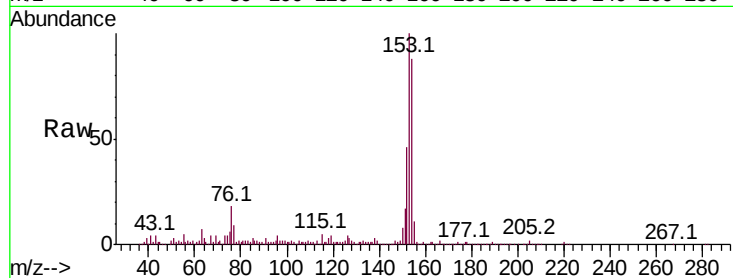
Instrument :

BNA_M

ClientSampled :

Tot Ion:153 Resp: 3139406

Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.7	56.5
154	87.7	70.6	106.0

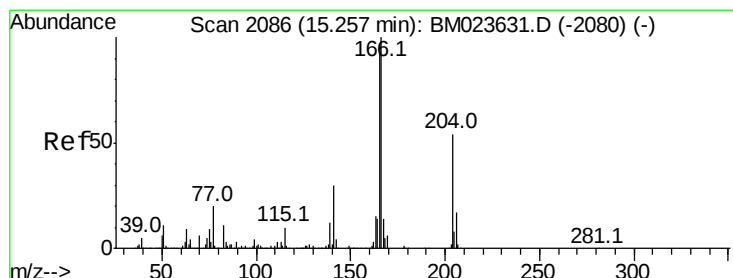
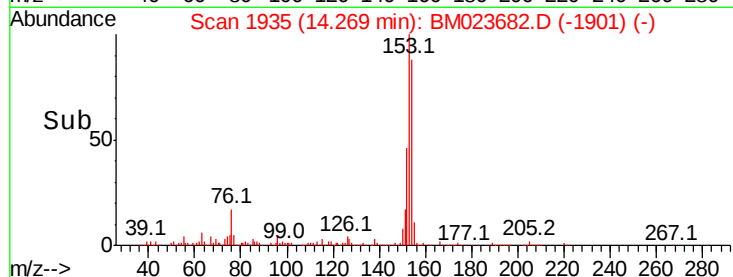
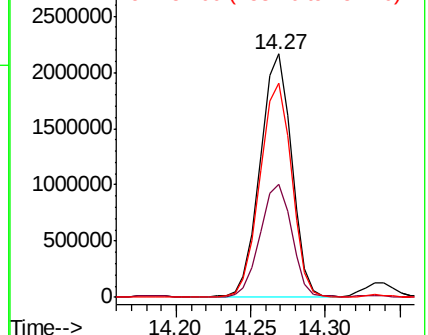


Abundance

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

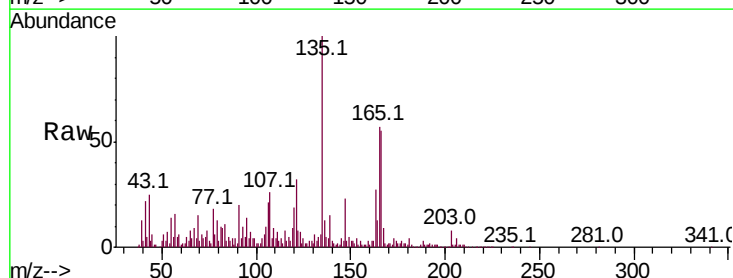
Delta R.T. -0.00 min

Lab File: BM023682.D

Acq: 13 Nov 2019 02:14

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#



Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

