

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111319\
 Data File : BM023695.D
 Acq On : 13 Nov 2019 14:07
 Operator : JU
 Sample : K5579-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEJP8

Quant Time: Nov 13 15:20:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 13:51:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	417501	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1945947	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1382230	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	2904070	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	2018913	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	2042880	20.00	ng/ul	0.00

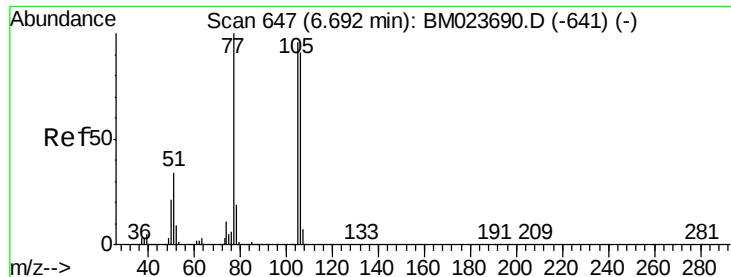
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	62712	6.19	ng/uL	0.00
5) Phenol-d5	6.73	99	317646	8.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	602173	27.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	734246	26.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	581332	19.15	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	457287	32.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	530525	36.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	1098435	32.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	50099	1.37	ng/ul	-0.15
44) Dimethylphthalate-d6	13.62	166	3697604	34.30	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	4089509	33.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	141000	7.66	ng/ul	0.02
58) Fluorene-d10	15.20	176	3184361	33.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	587899	35.00	ng/ul	0.00
71) Anthracene-d10	17.04	188	4892282	35.51	ng/ul	0.00
79) Pyrene-d10	19.35	212	4698225	44.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	3808699	35.43	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.70	77	670838	30.046	ng/ul#	1
6) Phenol	6.76	94	136689	3.486	ng/ul#	55
10) 2-Chlorophenol	7.11	128	137684	4.843	ng/ul	99
11) 2-Methylphenol	8.00	108	180840	6.180	ng/ul	97
14) Acetophenone	8.35	105	715524	15.112	ng/ul#	35
16) 4-Methylphenol	8.32	108	520959	16.078	ng/ul	96
20) Nitrobenzene	8.74	77	152732	4.147	ng/ul#	47
24) 2,4-Dimethylphenol	9.52	107	105627	2.838	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.75	93	158601	3.518	ng/ul#	1
28) Naphthalene	10.37	128	3047999	29.801	ng/ul	100
34) 2-Methylnaphthalene	11.99	142	251635	3.216	ng/ul	100
35) 1-Methylnaphthalene	12.21	142	165948	2.151	ng/ul	100
45) Dimethylphthalate	13.66	163	244547	2.315	ng/ul	98
57) Diethylphthalate	15.05	149	178286	1.720	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	259963	4.166	ng/ul	98

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



#4

Benzaldehyde

Concen: 30.046 ng/u1

RT: 6.70 min Scan# 649

Delta R.T. 0.01 min

Lab File: BM023695.D

Acq: 13 Nov 2019 14:07

Instrument :

BNA_M

ClientSampleId :

BEJP8

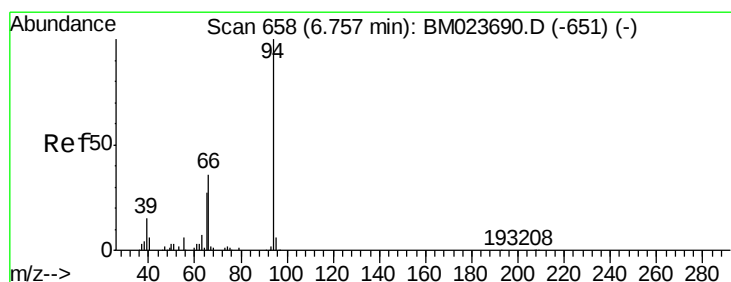
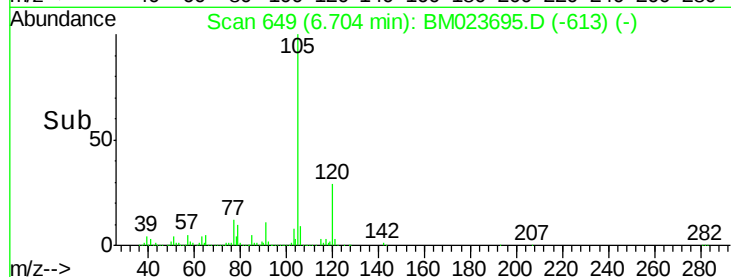
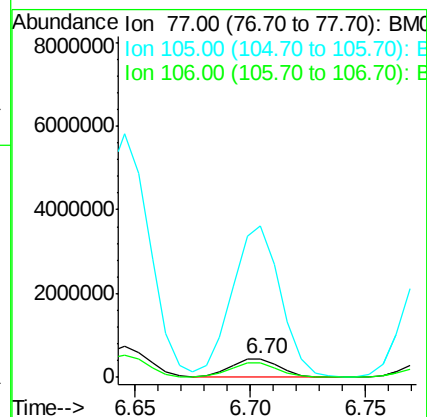
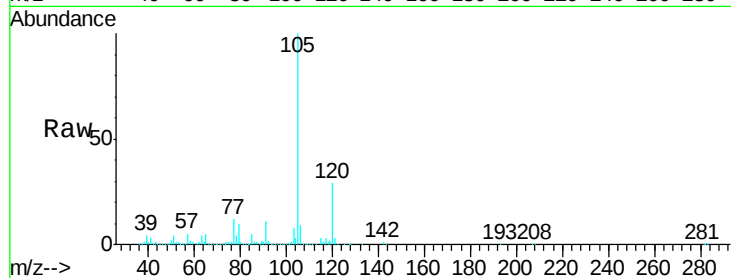
Tgt Ion: 77 Resp: 670838

Ion Ratio Lower Upper

77 100

105 809.5 75.9 113.9#

106 76.5 70.2 105.4



#6

Phenol

Concen: 3.486 ng/u1

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BM023695.D

Acq: 13 Nov 2019 14:07

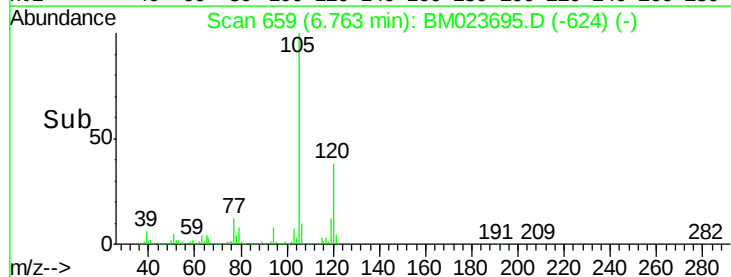
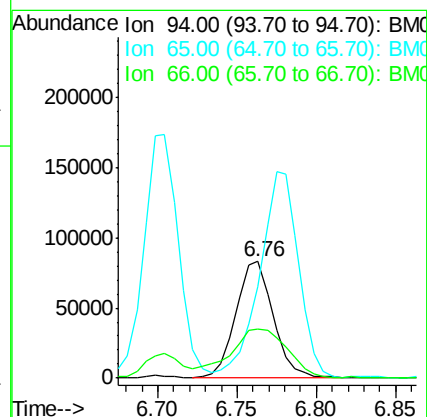
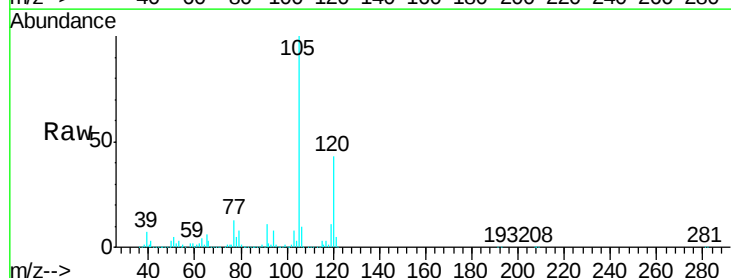
Tgt Ion: 94 Resp: 136689

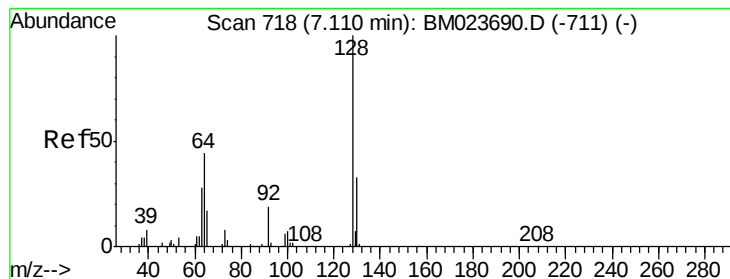
Ion Ratio Lower Upper

94 100

65 78.9 21.4 32.2#

66 42.3 30.7 46.1





#10

2-Chlorophenol

Concen: 4.843 ng/ul

RT: 7.11 min Scan# 718

Delta R.T. 0.00 min

Lab File: BM023695.D

Acq: 13 Nov 2019 14:07

Instrument :

BNA_M

ClientSampleId :

BEJP8

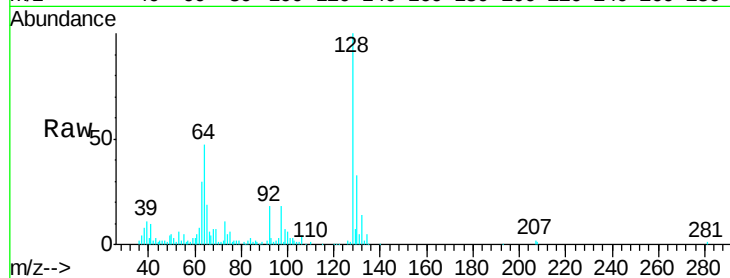
Tgt Ion:128 Resp: 137684

Ion Ratio Lower Upper

128 100

64 47.0 38.1 57.1

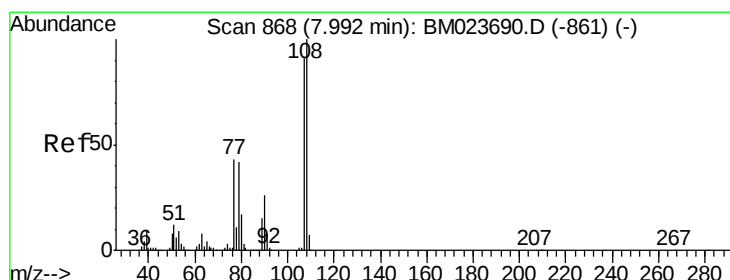
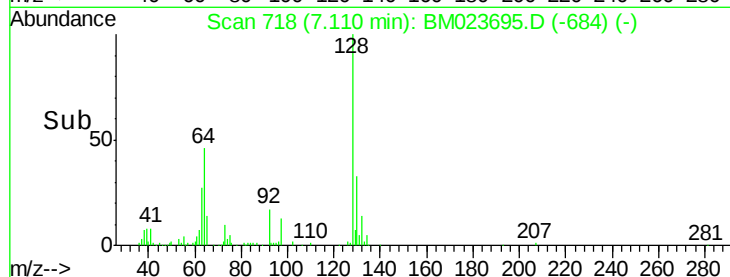
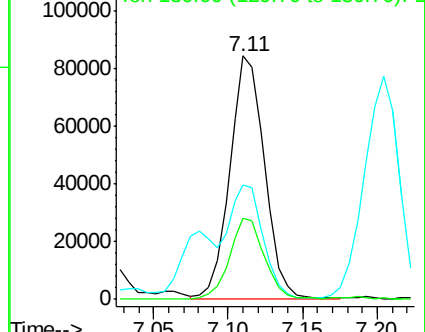
130 33.1 26.4 39.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 6.180 ng/ul

RT: 8.00 min Scan# 869

Delta R.T. 0.01 min

Lab File: BM023695.D

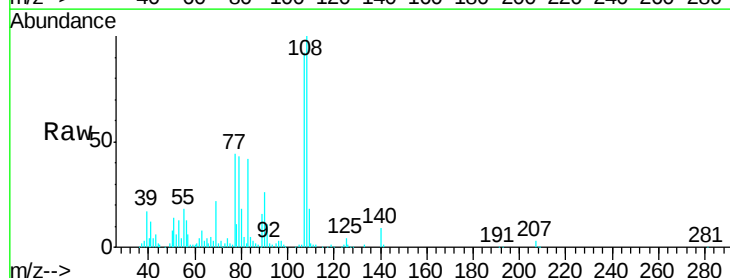
Acq: 13 Nov 2019 14:07

Tgt Ion:108 Resp: 180840

Ion Ratio Lower Upper

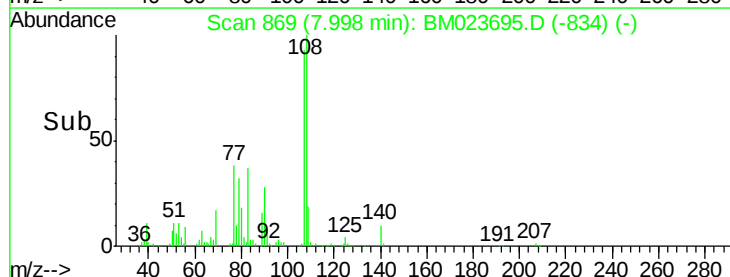
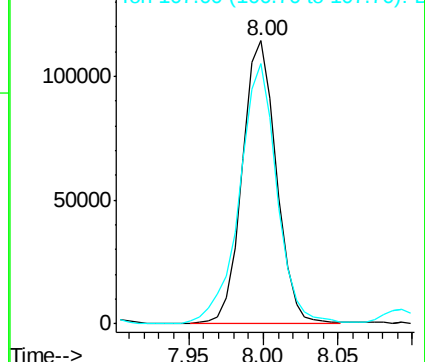
108 100

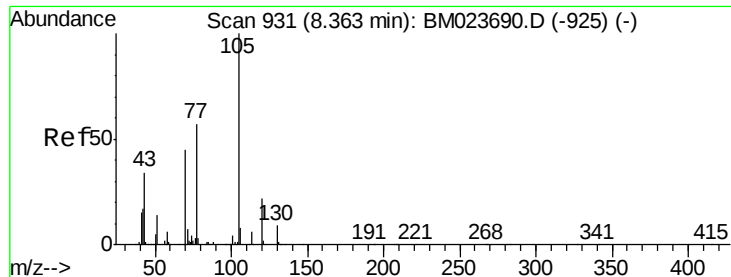
107 91.9 71.4 107.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#14

Acetophenone

Concen: 15.112 ng/ul

RT: 8.35 min Scan# 928

Delta R.T. -0.02 min

Lab File: BM023695.D

Acq: 13 Nov 2019 14:07

Instrument :

BNA_M

ClientSampled :

BEJP8

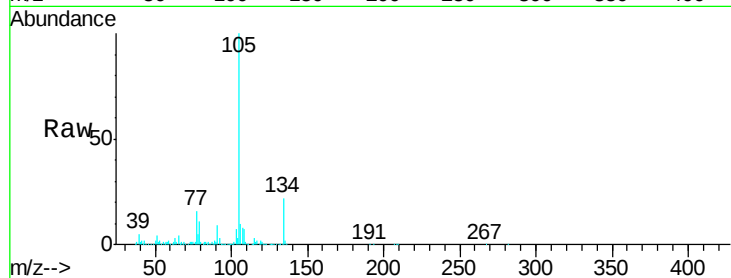
Tgt Ion:105 Resp: 71524

Ion Ratio Lower Upper

105 100

77 15.6 63.8 95.6#

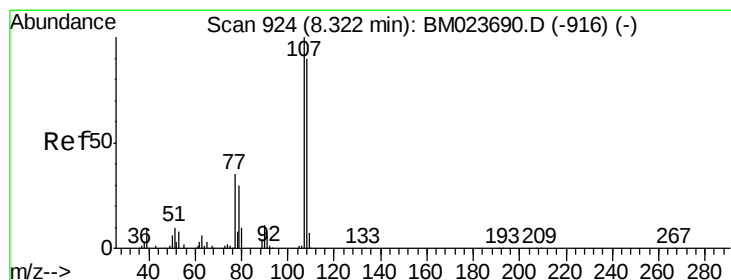
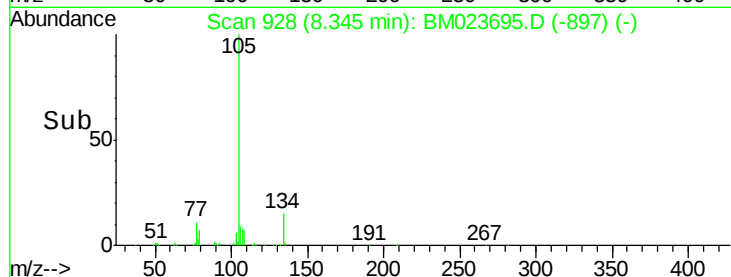
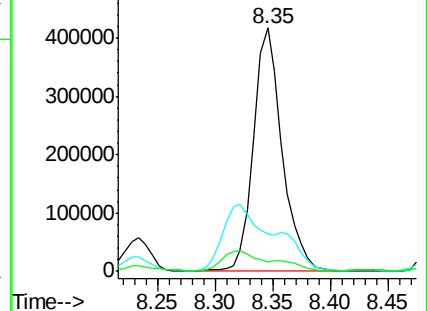
51 4.1 16.3 24.5#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#16

4-Methylphenol

Concen: 16.078 ng/ul

RT: 8.32 min Scan# 924

Delta R.T. 0.00 min

Lab File: BM023695.D

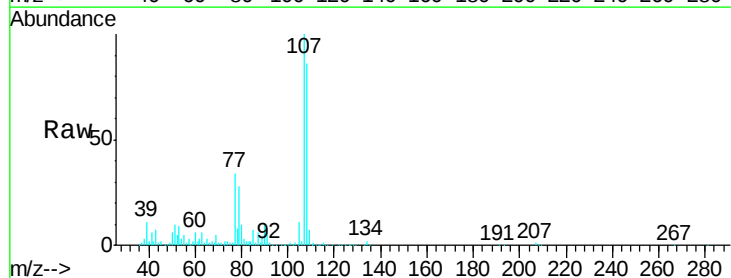
Acq: 13 Nov 2019 14:07

Tgt Ion:108 Resp: 520959

Ion Ratio Lower Upper

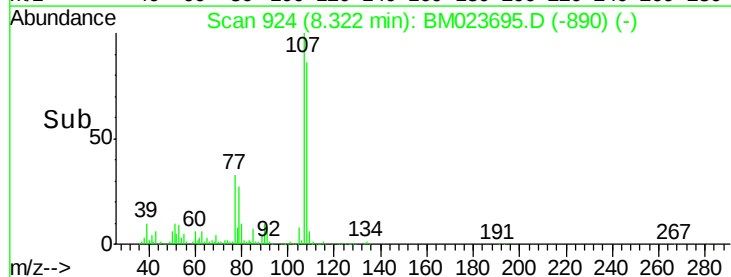
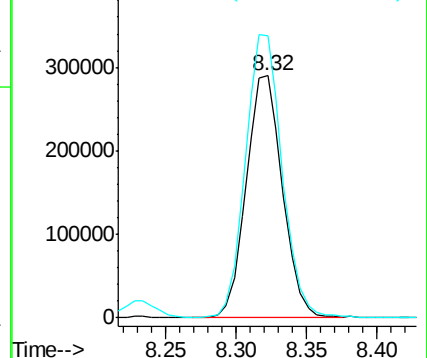
108 100

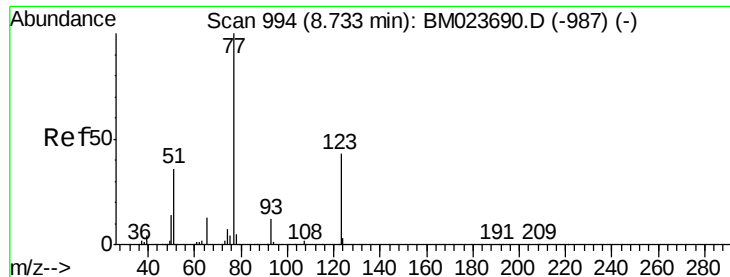
107 116.7 89.8 134.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#20

Nitrobenzene

Concen: 4.147 ng/ul

RT: 8.74 min Scan# 995

Delta R.T. 0.01 min

Lab File: BM023695.D

Acq: 13 Nov 2019 14:07

Instrument :

BNA_M

ClientSampleId :

BEJP8

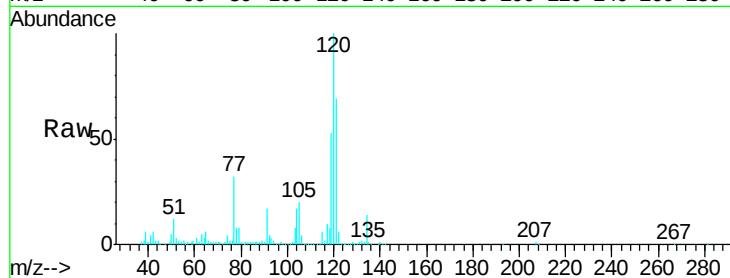
Tgt Ion: 77 Resp: 152732

Ion Ratio Lower Upper

77 100

123 1.1 33.1 49.7#

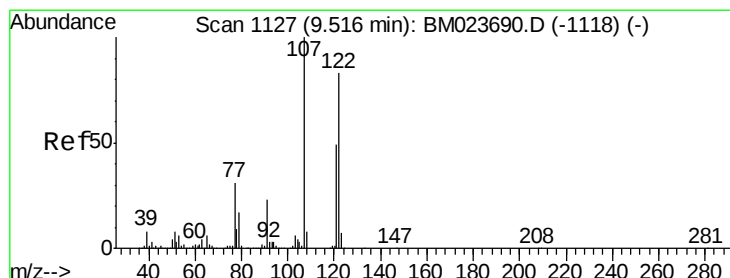
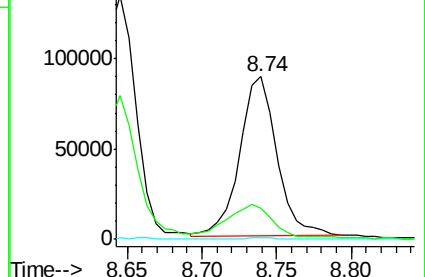
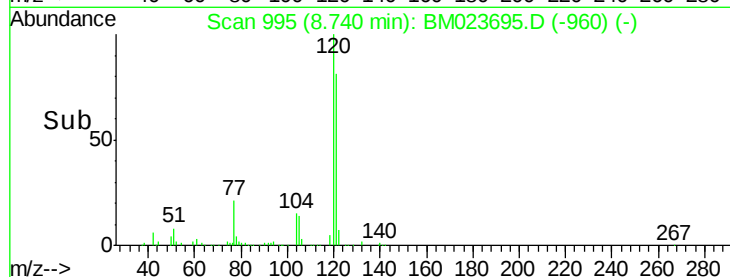
65 19.0 9.8 14.8#



Abundance Ion 77.00 (76.70 to 77.70): BM023695.D (-960) (-)

Ion 123.00 (122.70 to 123.70): BM023695.D (-960) (-)

Ion 65.00 (64.70 to 65.70): BM023695.D (-960) (-)



#24

2,4-Dimethylphenol

Concen: 2.838 ng/ul

RT: 9.52 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BM023695.D

Acq: 13 Nov 2019 14:07

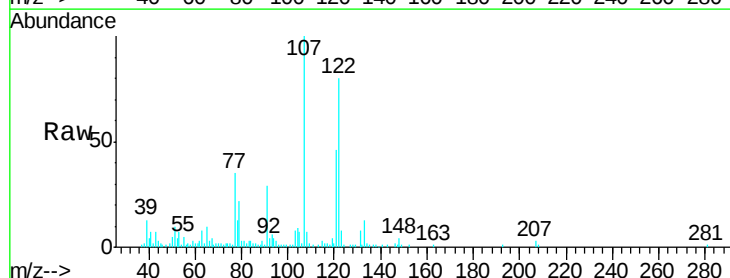
Tgt Ion: 107 Resp: 105627

Ion Ratio Lower Upper

107 100

121 46.5 38.6 57.8

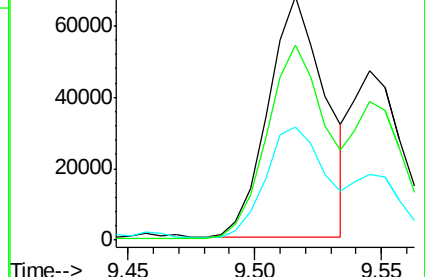
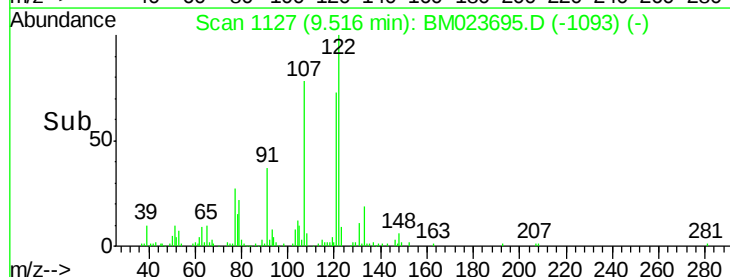
122 80.0 65.9 98.9

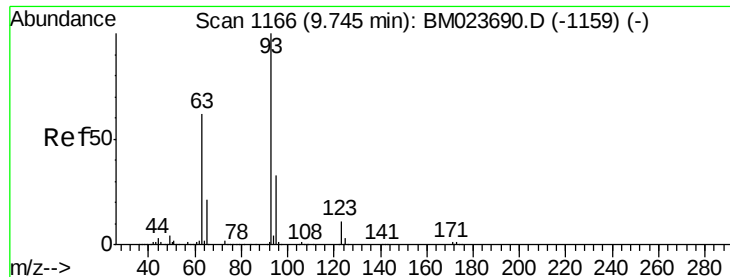


Abundance Ion 107.00 (106.70 to 107.70): BM023695.D (-1093) (-)

Ion 121.00 (120.70 to 121.70): BM023695.D (-1093) (-)

Ion 122.00 (121.70 to 122.70): BM023695.D (-1093) (-)





#25

Bis(2-Chloroethoxy)methane

Concen: 3.518 ng/ul

RT: 9.75 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BM023695.D

Acq: 13 Nov 2019 14:07

Instrument :

BNA_M

ClientSampleId :

BEJP8

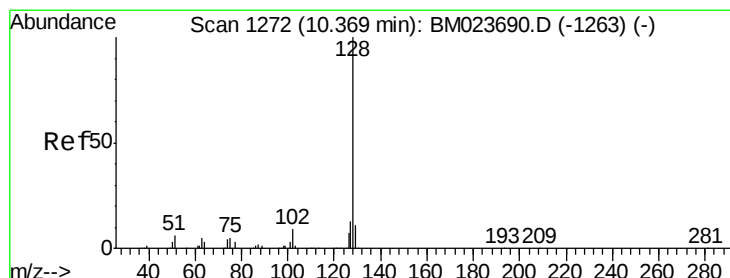
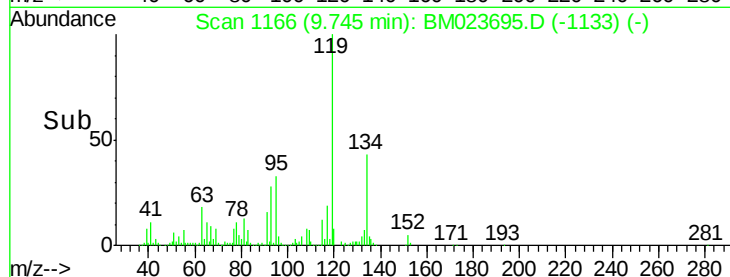
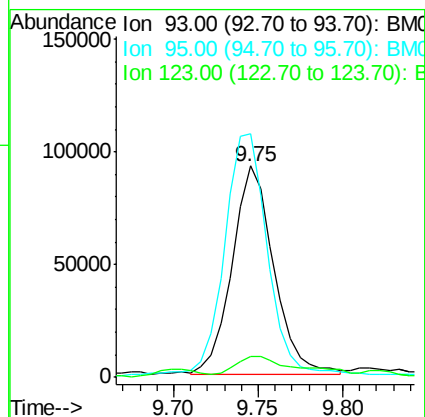
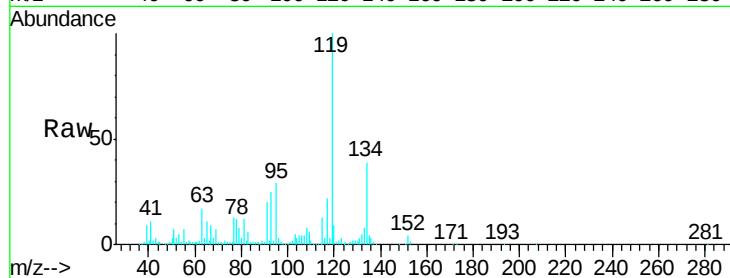
Tgt Ion: 93 Resp: 158601

Ion Ratio Lower Upper

93 100

95 115.4 25.7 38.5#

123 10.1 8.3 12.5



#28

Naphthalene

Concen: 29.801 ng/ul

RT: 10.37 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BM023695.D

Acq: 13 Nov 2019 14:07

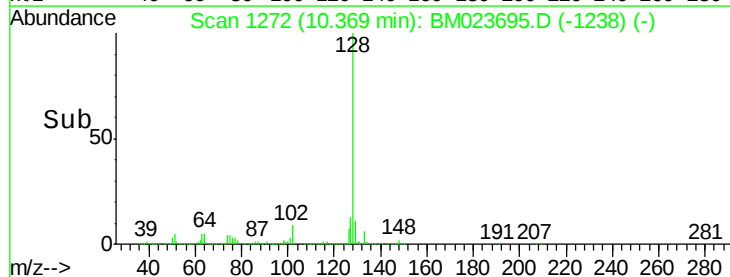
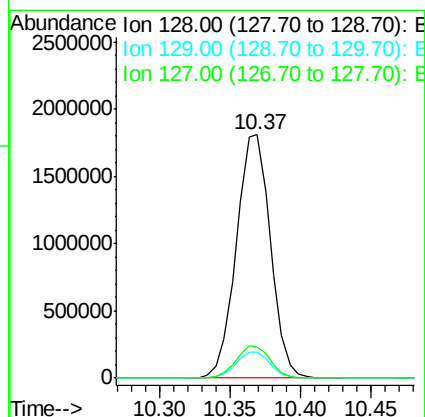
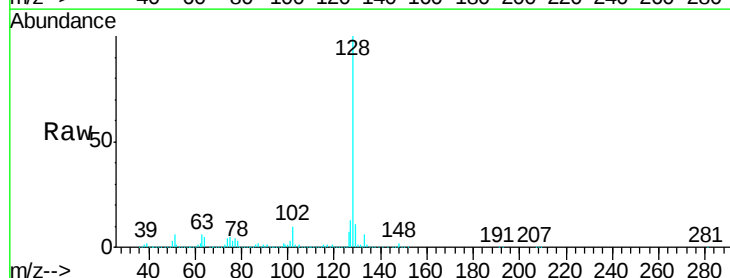
Tgt Ion: 128 Resp: 3047999

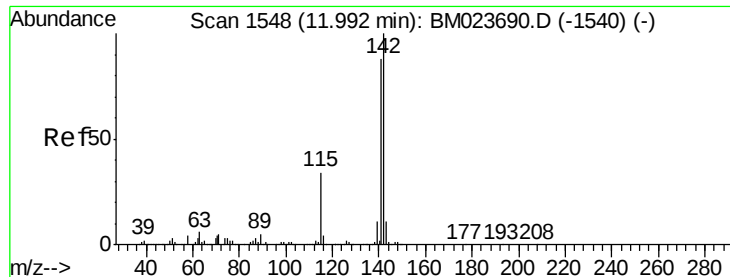
Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 13.0 10.6 16.0

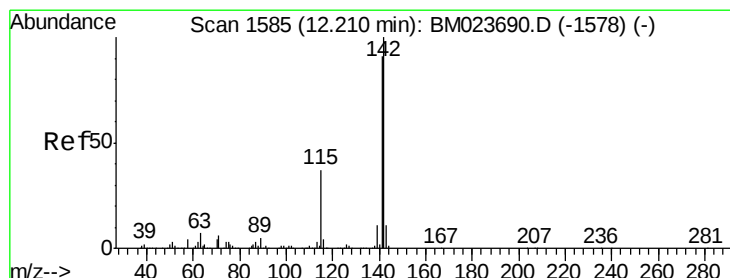
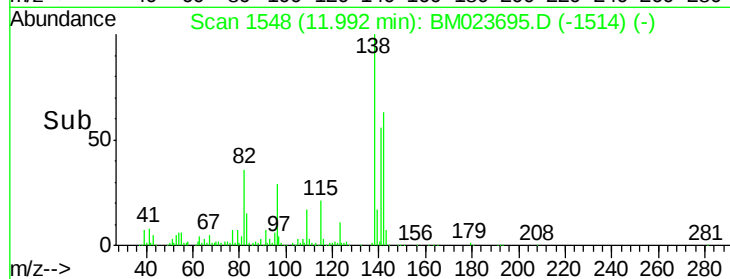
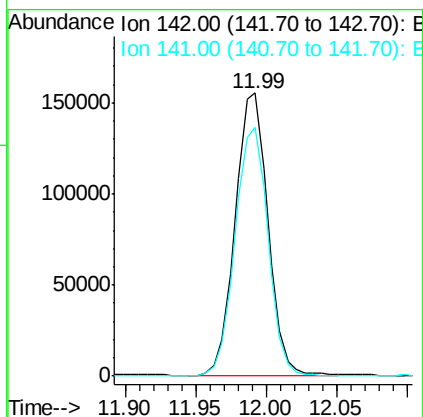
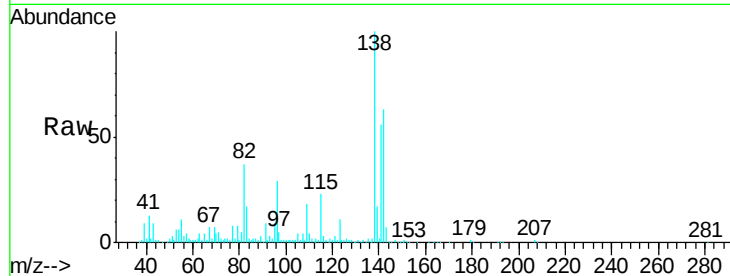




#34
2-Methylnaphthalene
Concen: 3.216 ng/ul
RT: 11.99 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BM023695.D
Acq: 13 Nov 2019 14:07

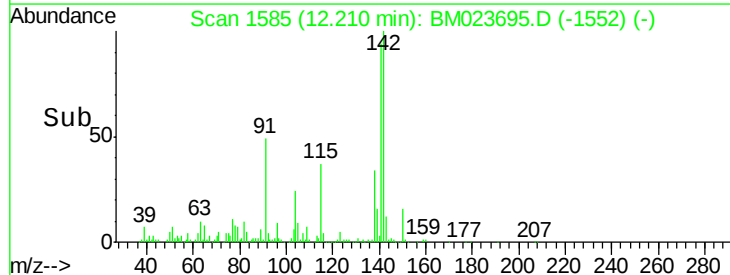
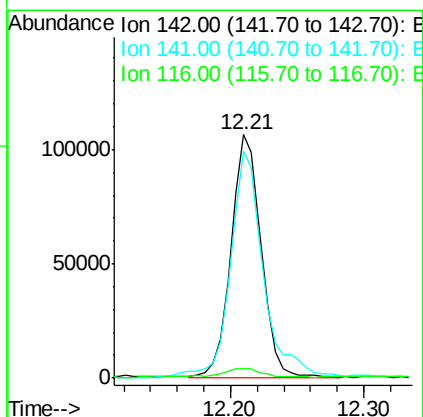
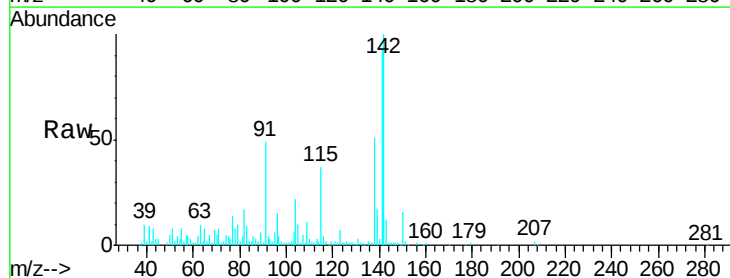
Instrument :
BNA_M
ClientSampleId :
BEJP8

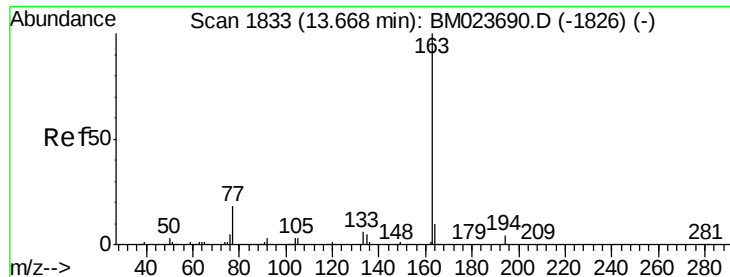
Tgt Ion:142 Resp: 251635
Ion Ratio Lower Upper
142 100
141 87.7 69.8 104.8



#35
1-Methylnaphthalene
Concen: 2.151 ng/ul
RT: 12.21 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BM023695.D
Acq: 13 Nov 2019 14:07

Tgt Ion:142 Resp: 165948
Ion Ratio Lower Upper
142 100
141 93.2 74.6 112.0
116 4.1 3.2 4.8





#45

Dimethylphthalate

Concen: 2.315 ng/ul

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM023695.D

Acq: 13 Nov 2019 14:07

Instrument :

BNA_M

ClientSampleId :

BEJP8

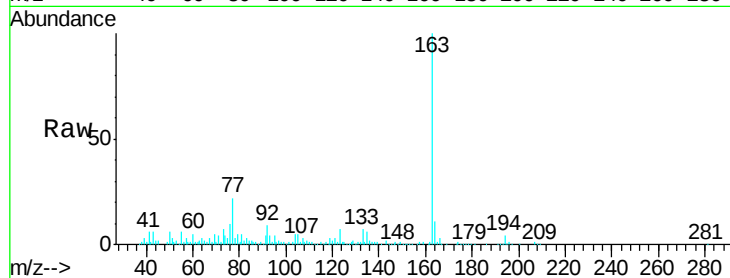
Tgt Ion:163 Resp: 244547

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

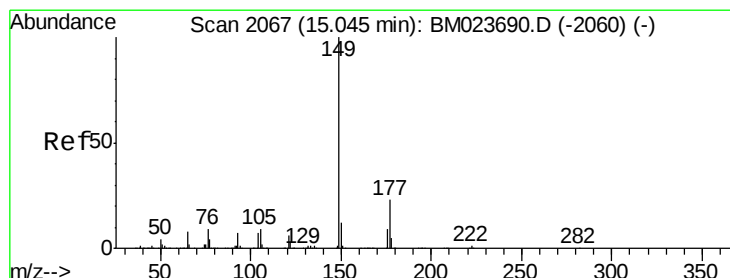
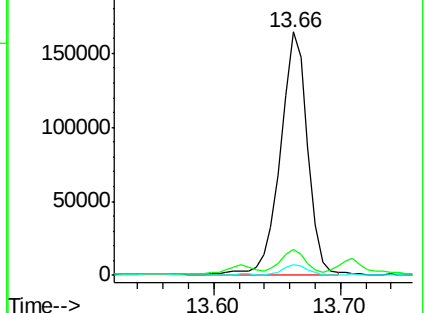
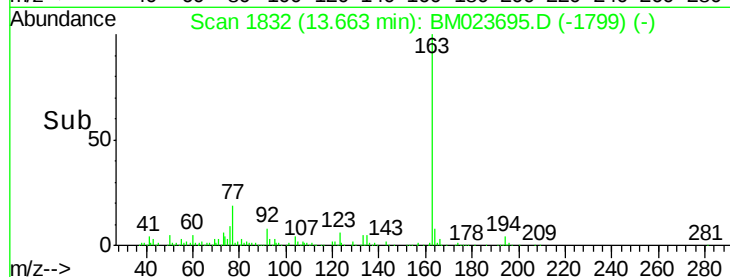
164 10.8 8.0 12.0



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



#57

Diethylphthalate

Concen: 1.720 ng/ul

RT: 15.05 min Scan# 2068

Delta R.T. 0.01 min

Lab File: BM023695.D

Acq: 13 Nov 2019 14:07

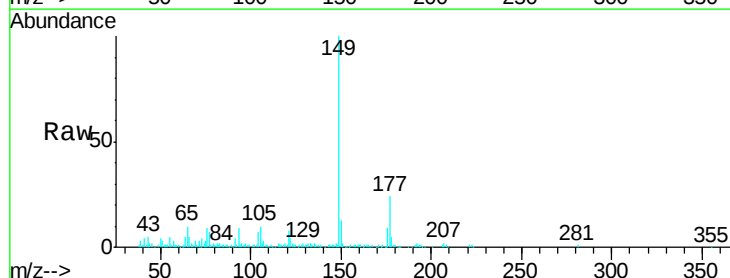
Tgt Ion:149 Resp: 178286

Ion Ratio Lower Upper

149 100

177 23.8 18.9 28.3

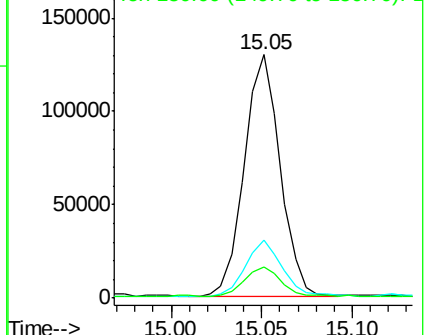
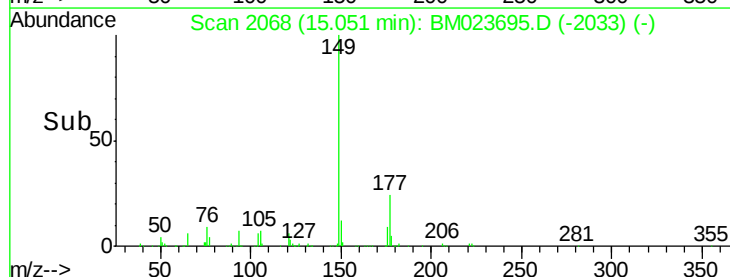
150 12.8 9.9 14.9

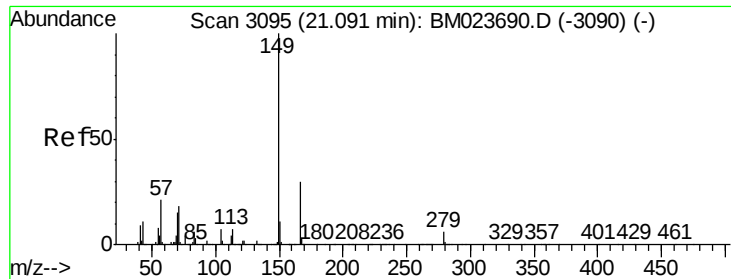


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.166 ng/ul
 RT: 21.09 min Scan# 3095
 Delta R.T. 0.00 min
 Lab File: BM023695.D
 Acq: 13 Nov 2019 14:07

Instrument :
 BNA_M
 ClientSampleId :
 BEJP8

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.4	35.2
279	6.3	5.0	7.4

