

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022966.D
 Acq On : 04 Oct 2019 20:17
 Operator : JU
 Sample : K4932-03DL 2X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 04 22:57:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 16:45:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	178204	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	757808	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	454737	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	810878	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	598401	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	689042	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.28	96	3409	0.83	ng/uL	0.00
5) Phenol-d5	6.96	99	68560	4.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	142070	16.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	176639	13.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	120638	9.36	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	104964	17.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	111009	17.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	207302	16.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	287505	18.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.83	166	673392	19.08	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	751137	18.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	25390	3.64	ng/ul	0.00
58) Fluorene-d10	15.42	176	563115	18.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	79384	15.04	ng/ul	0.00
71) Anthracene-d10	17.26	188	819700	20.70	ng/ul	0.00
79) Pyrene-d10	19.56	212	762328	23.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	738426	20.72	ng/ul	0.00

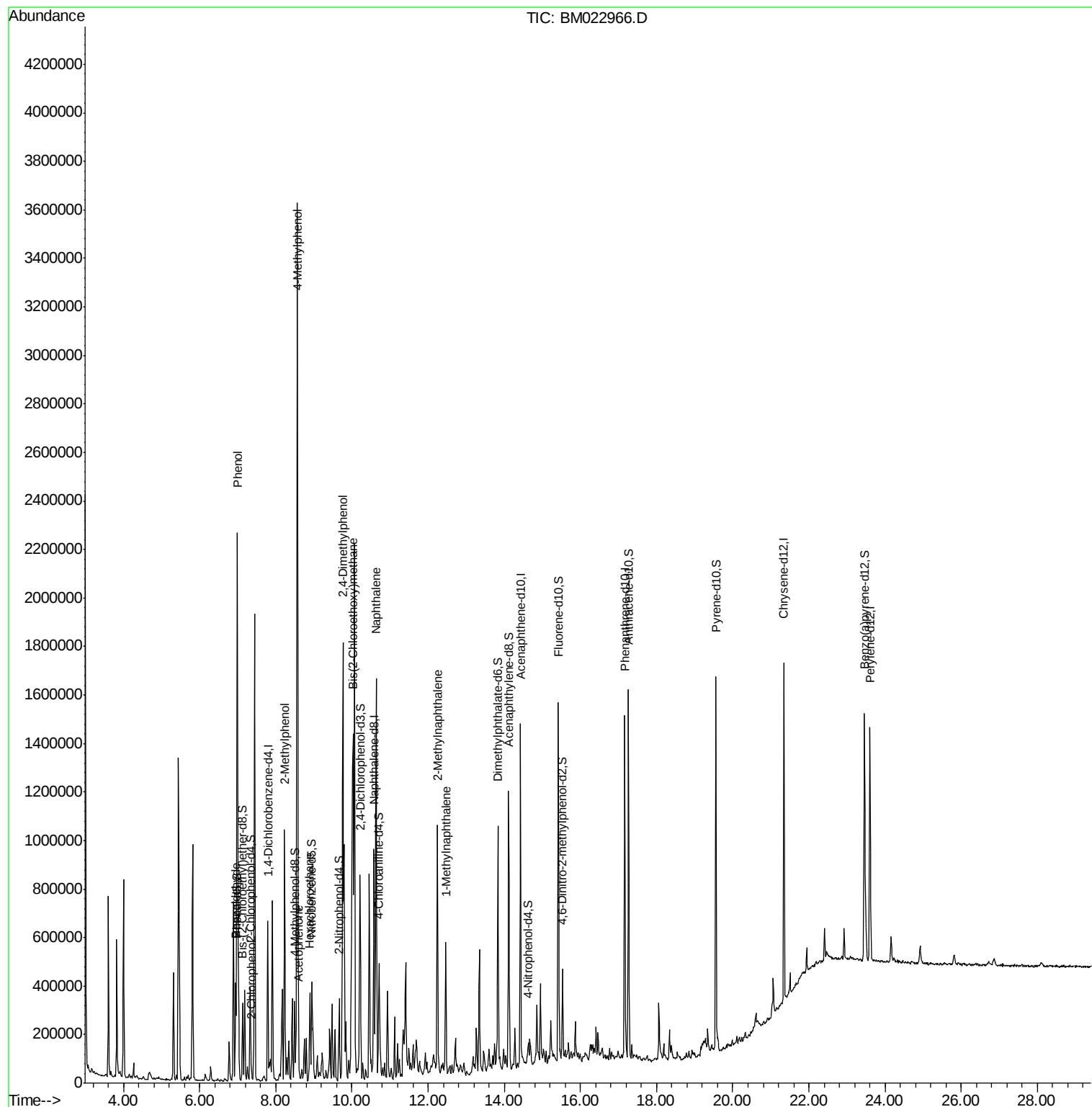
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Benzaldehyde	6.95	77	34329	4.811	ng/ul#	1
6) Phenol	6.99	94	1319310	79.928	ng/ul	100
10) 2-Chlorophenol	7.36	128	23954	1.761	ng/ul	99
11) 2-Methylphenol	8.23	108	345435	27.153	ng/ul	100
14) Acetophenone	8.60	105	79327	4.025	ng/ul#	48
16) 4-Methylphenol	8.57	108	1597443	113.561	ng/ul	96
17) Hexachloroethane	8.90	117	45449	8.793	ng/ul#	6
24) 2,4-Dimethylphenol	9.76	107	658184	46.281	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.03	93	22549	1.315	ng/ul#	1
28) Naphthalene	10.63	128	1243585	30.386	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	472692	15.405	ng/ul	99
35) 1-Methylnaphthalene	12.46	142	254842	8.696	ng/ul	100

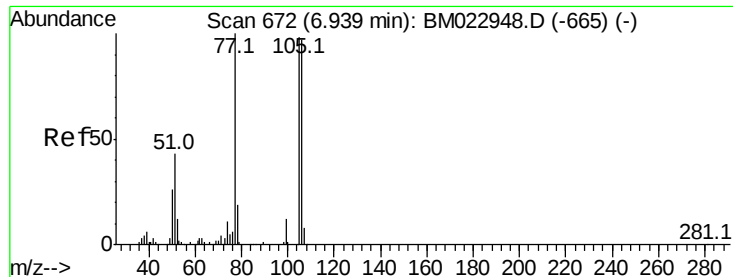
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 16:45:59 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 4.811 ng/ul

RT: 6.95 min Scan# 673

Delta R.T. 0.01 min

Lab File: BM022966.D

Acq: 04 Oct 2019 20:17

Instrument :

BNA_M

ClientSampleId :

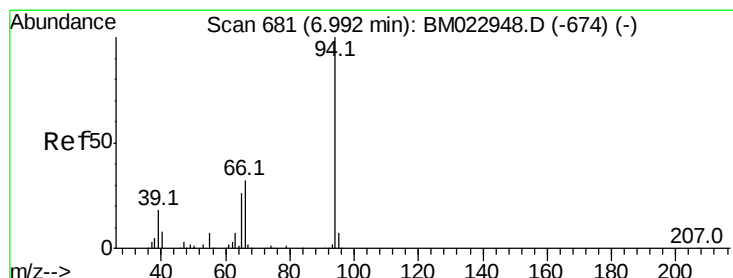
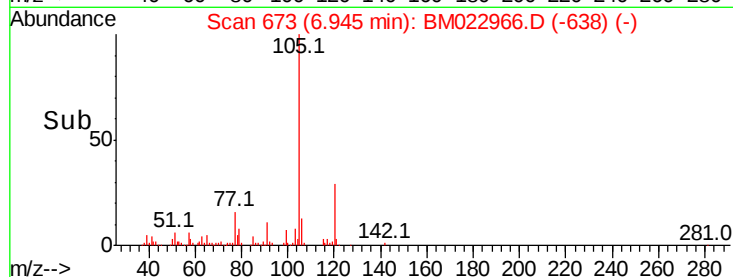
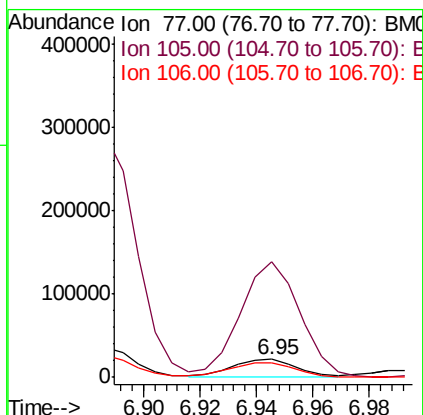
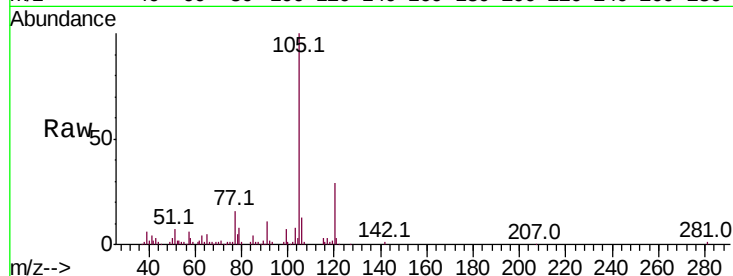
Tot Ion: 77 Resp: 34329

Ion Ratio Lower Upper

77 100

105 644.6 80.6 120.8#

106 82.3 77.0 115.6



#6

Phenol

Concen: 79.928 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM022966.D

Acq: 04 Oct 2019 20:17

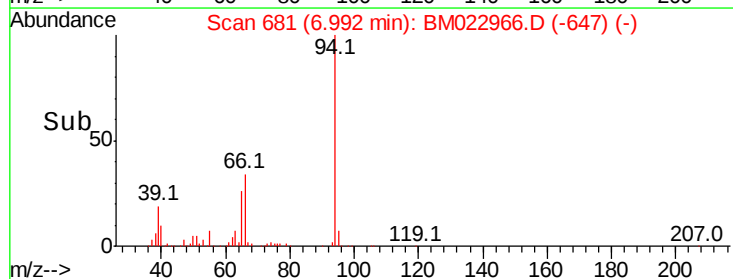
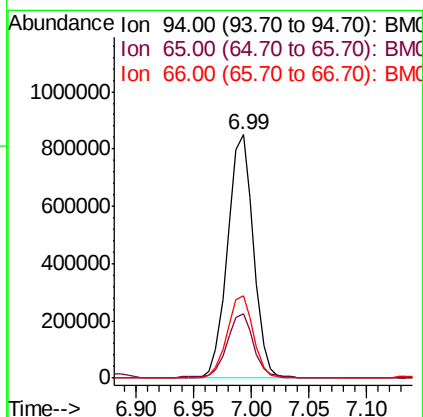
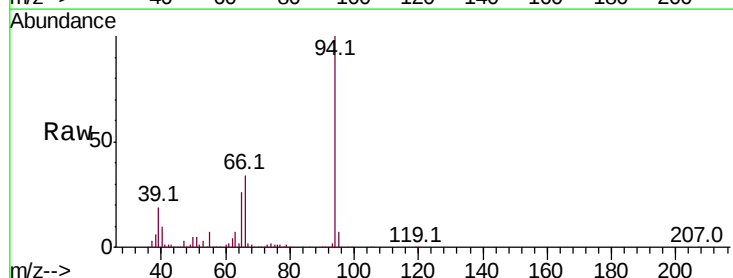
Tgt Ion: 94 Resp: 1319310

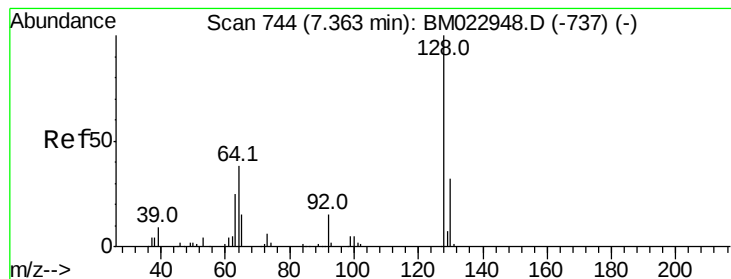
Ion Ratio Lower Upper

94 100

65 26.2 20.9 31.3

66 33.8 27.2 40.8





#10

2-Chlorophenol

Concen: 1.761 ng/ul

RT: 7.36 min Scan# 743

Delta R.T. -0.01 min

Lab File: BM022966.D

Acq: 04 Oct 2019 20:17

Instrument :

BNA_M

ClientSampleId :

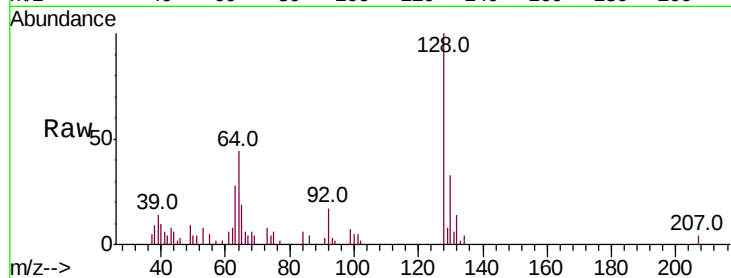
Tot Ion:128 Resp: 23954

Ion Ratio Lower Upper

128 100

64 43.5 34.1 51.1

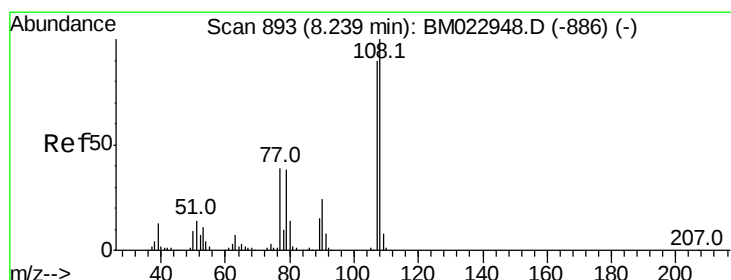
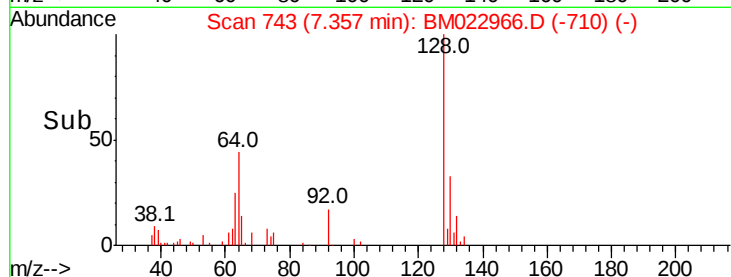
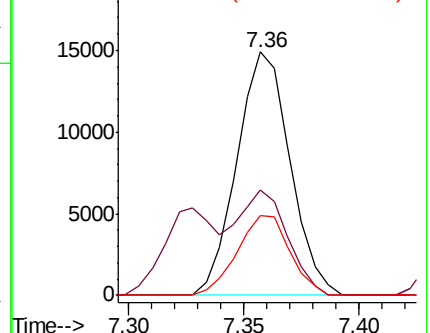
130 32.9 26.0 39.0



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: 27.153 ng/ul

RT: 8.23 min Scan# 892

Delta R.T. -0.01 min

Lab File: BM022966.D

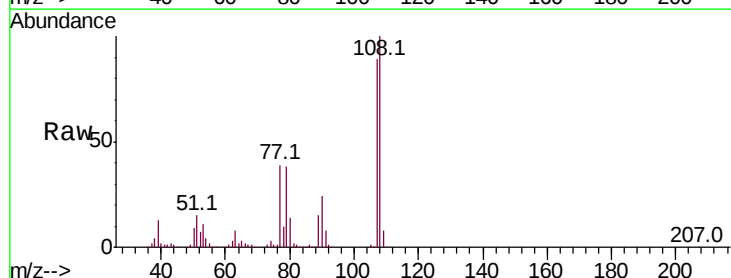
Acq: 04 Oct 2019 20:17

Tgt Ion:108 Resp: 345435

Ion Ratio Lower Upper

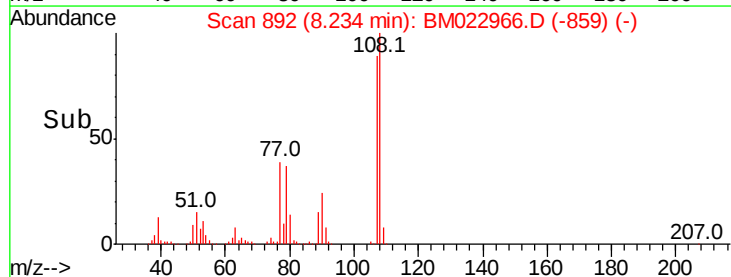
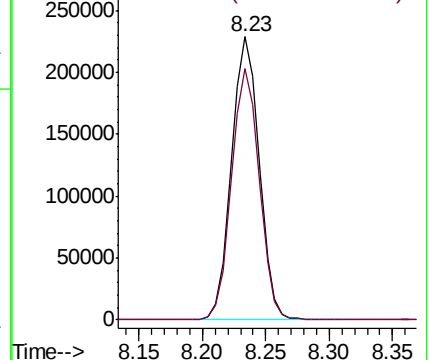
108 100

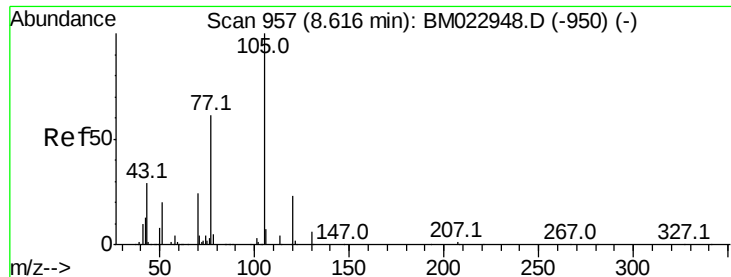
107 88.8 71.0 106.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#14

Acetophenone

Concen: 4.025 ng/ul

RT: 8.60 min Scan# 954

Delta R.T. -0.02 min

Lab File: BM022966.D

Acq: 04 Oct 2019 20:17

Instrument :

BNA_M

ClientSampleId :

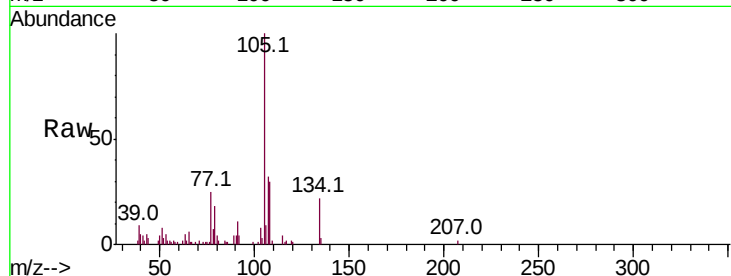
Tot Ion:105 Resp: 79327

Ion Ratio Lower Upper

105 100

77 25.0 59.4 89.0#

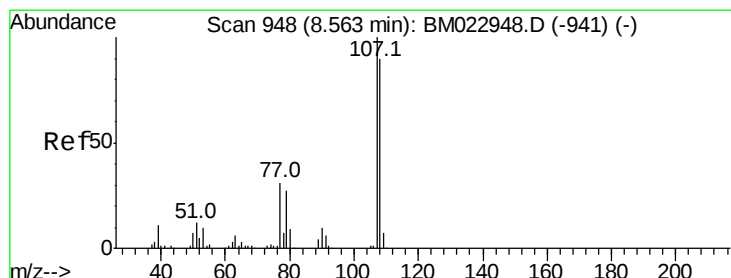
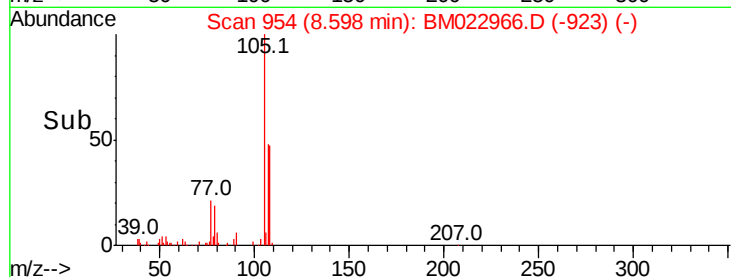
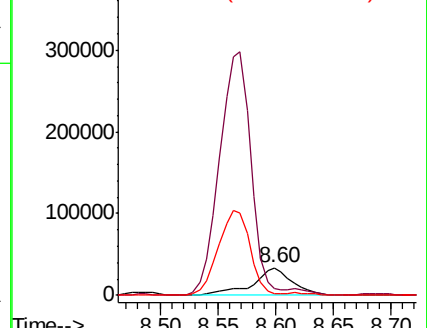
51 8.2 19.4 29.0#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#16

4-Methylphenol

Concen: 113.561 ng/ul

RT: 8.57 min Scan# 949

Delta R.T. 0.01 min

Lab File: BM022966.D

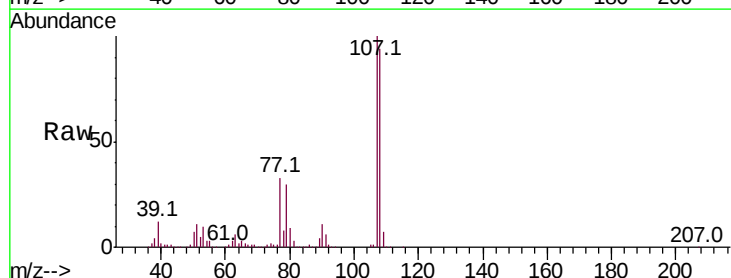
Acq: 04 Oct 2019 20:17

Tgt Ion:108 Resp: 1597443

Ion Ratio Lower Upper

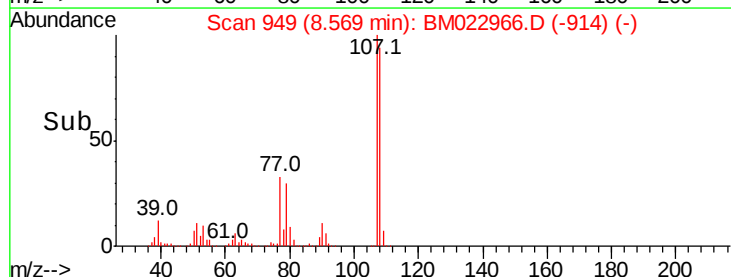
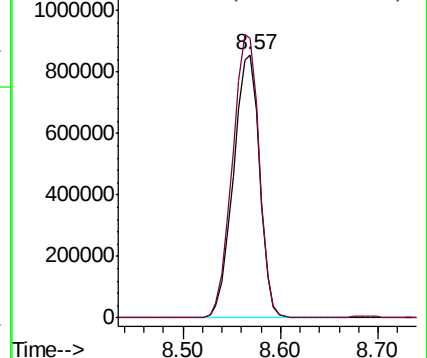
108 100

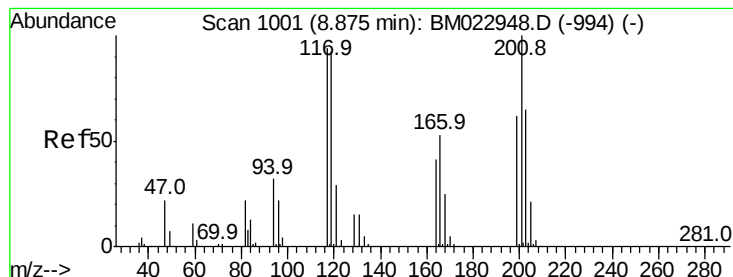
107 106.1 87.9 131.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 8.793 ng/ul

RT: 8.90 min Scan# 1005

Delta R.T. 0.02 min

Lab File: BM022966.D

Acq: 04 Oct 2019 20:17

Instrument :

BNA_M

ClientSampleId :

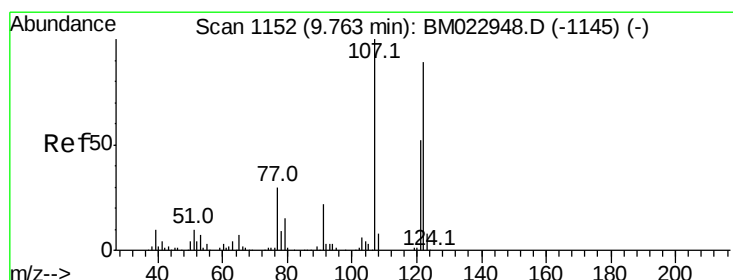
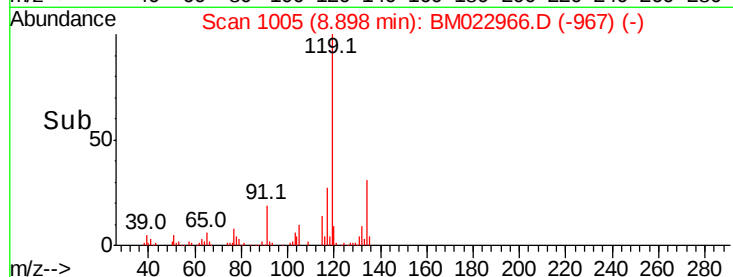
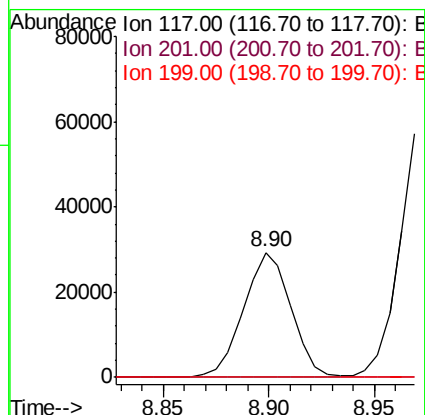
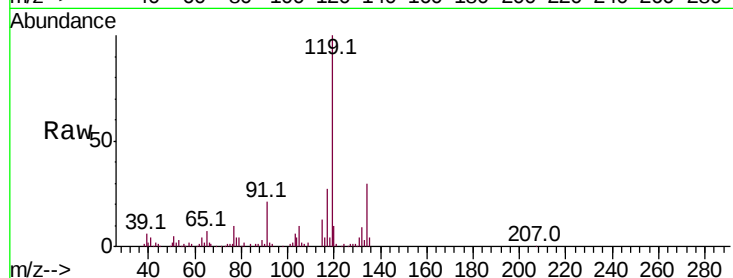
Tot Ion:117 Resp: 45449

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

199 0.0 51.6 77.4#



#24

2,4-Dimethylphenol

Concen: 46.281 ng/ul

RT: 9.76 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BM022966.D

Acq: 04 Oct 2019 20:17

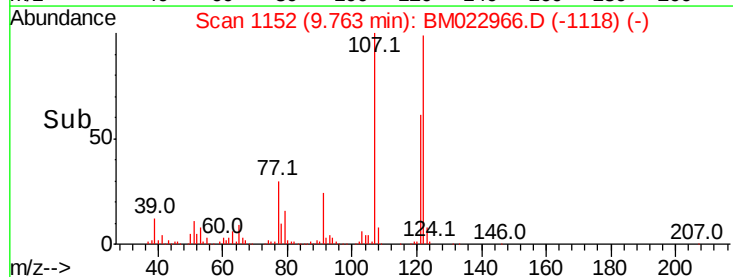
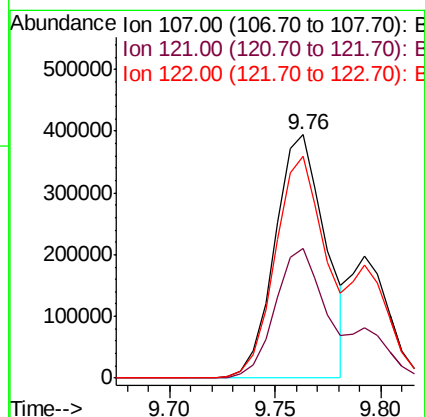
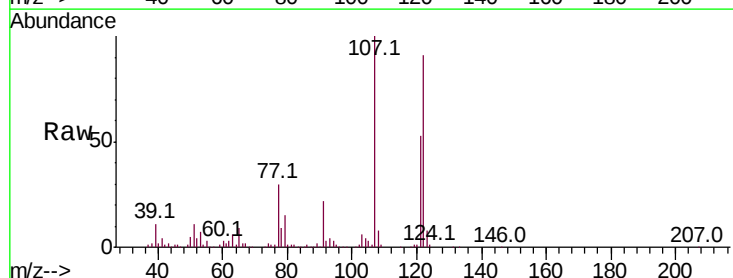
Tgt Ion:107 Resp: 658184

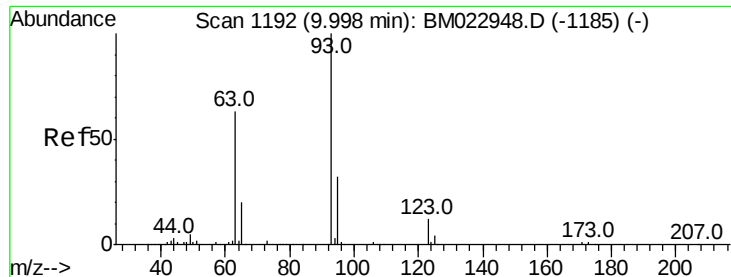
Ion Ratio Lower Upper

107 100

121 53.4 43.0 64.4

122 90.9 71.4 107.0





#25

Bis(2-Chloroethoxy)methane

Concen: 1.315 ng/ul

RT: 10.03 min Scan# 1197

Delta R.T. 0.03 min

Lab File: BM022966.D

Acq: 04 Oct 2019 20:17

Instrument :

BNA_M

ClientSampled :

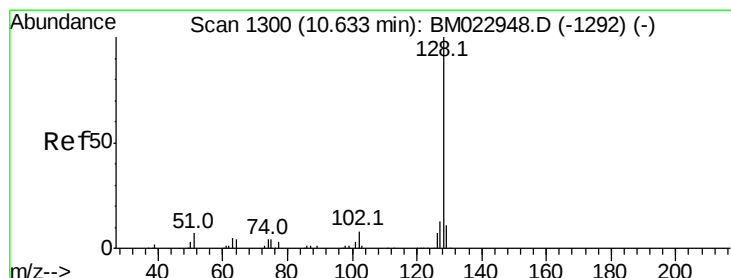
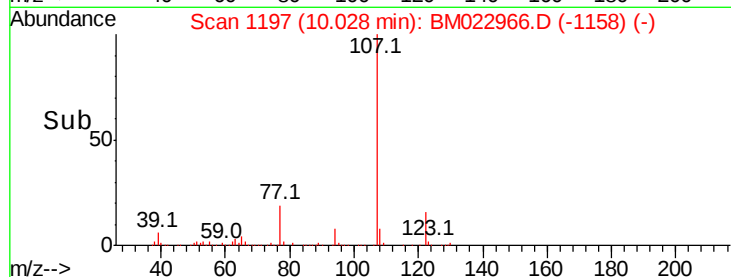
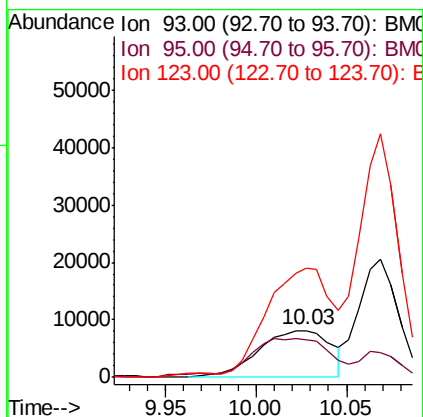
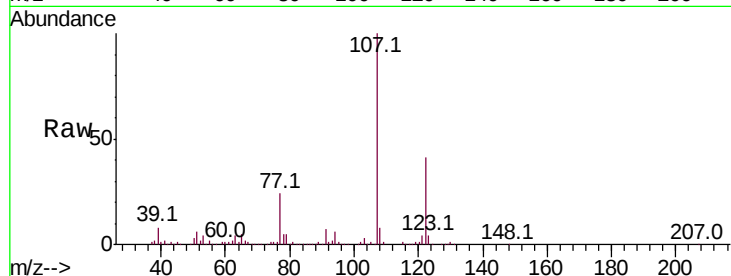
Tot Ion: 93 Resp: 22549

Ion Ratio Lower Upper

93 100

95 78.7 25.7 38.5#

123 231.9 9.4 14.0#



#28

Naphthalene

Concen: 30.386 ng/ul

RT: 10.63 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BM022966.D

Acq: 04 Oct 2019 20:17

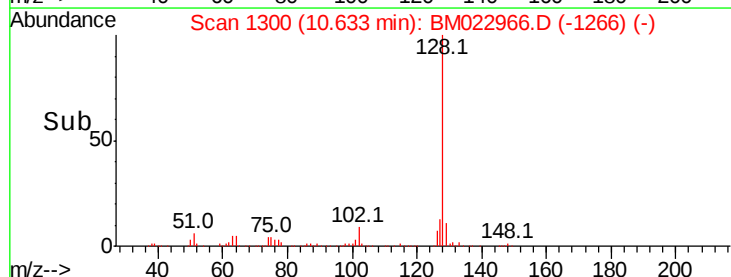
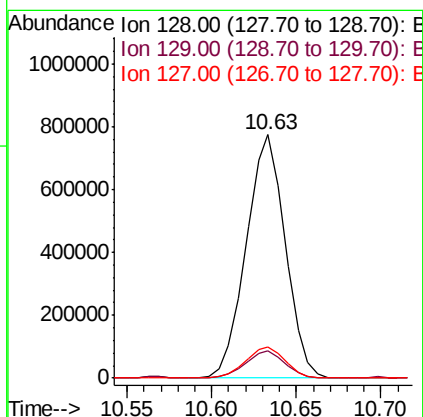
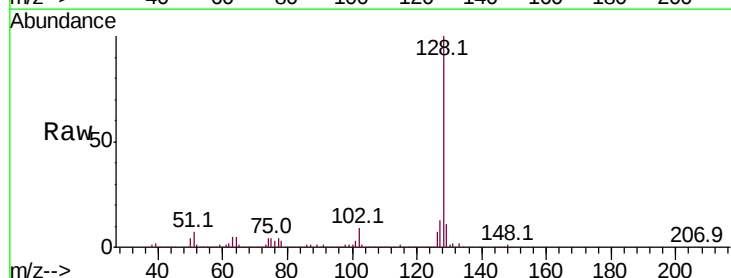
Tgt Ion: 128 Resp: 1243585

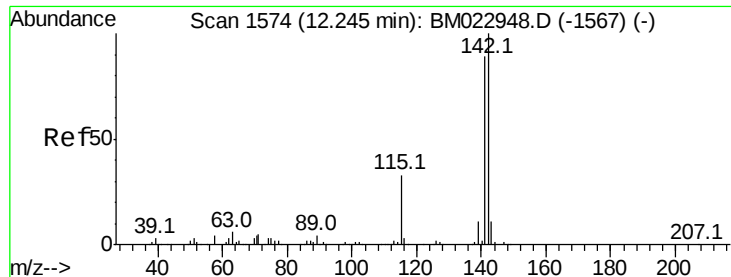
Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.0 10.2 15.4

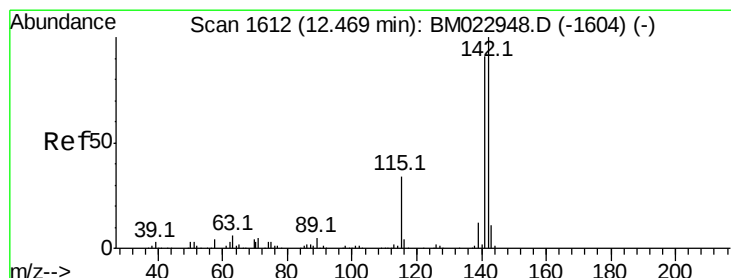
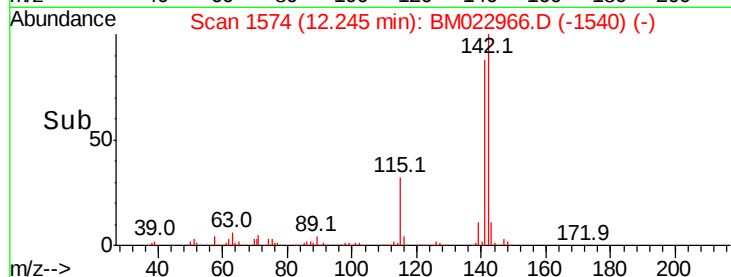
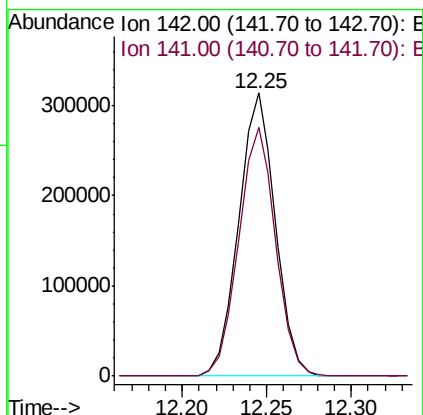
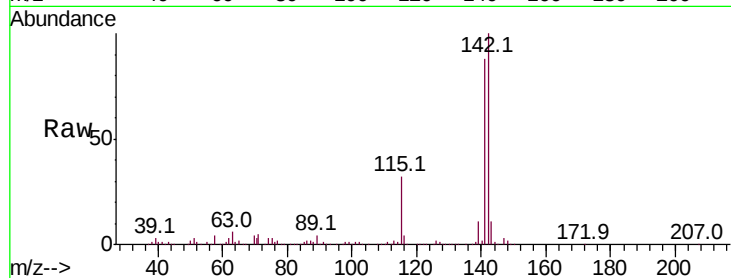




#34
 2-Methylnaphthalene
 Concen: 15.405 ng/ul
 RT: 12.25 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BM022966.D
 Acq: 04 Oct 2019 20:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:142 Resp: 472692
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.2 106.8



#35
 1-Methylnaphthalene
 Concen: 8.696 ng/ul
 RT: 12.46 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BM022966.D
 Acq: 04 Oct 2019 20:17

Tgt Ion:142 Resp: 254842
 Ion Ratio Lower Upper
 142 100
 141 91.1 73.0 109.6
 116 3.7 2.9 4.3

