

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
 Data File : BM023172.D
 Acq On : 15 Oct 2019 18:34
 Operator : JU
 Sample : K5028-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 16 06:49:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 15 02:28:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	410902	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1763789	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1144172	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	2430914	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	2508201	20.00	ng/ul	0.00
86) Perylene-d12	23.48	264	2515637	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	11871	1.27	ng/uL	0.00
5) Phenol-d5	6.85	99	232922	6.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	505652	24.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	575949	21.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	422436	14.69	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	329505	27.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	331810	29.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	732163	25.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	704923	20.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	2549026	29.07	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2886946	28.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	106290	7.49	ng/ul	0.00
58) Fluorene-d10	15.32	176	2170582	29.06	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.43	200	275727	28.61	ng/ul	-0.01
71) Anthracene-d10	17.17	188	3579834	30.54	ng/ul	-0.01
79) Pyrene-d10	19.47	212	4036867	33.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	3984857	31.25	ng/ul	-0.01

Target Compounds

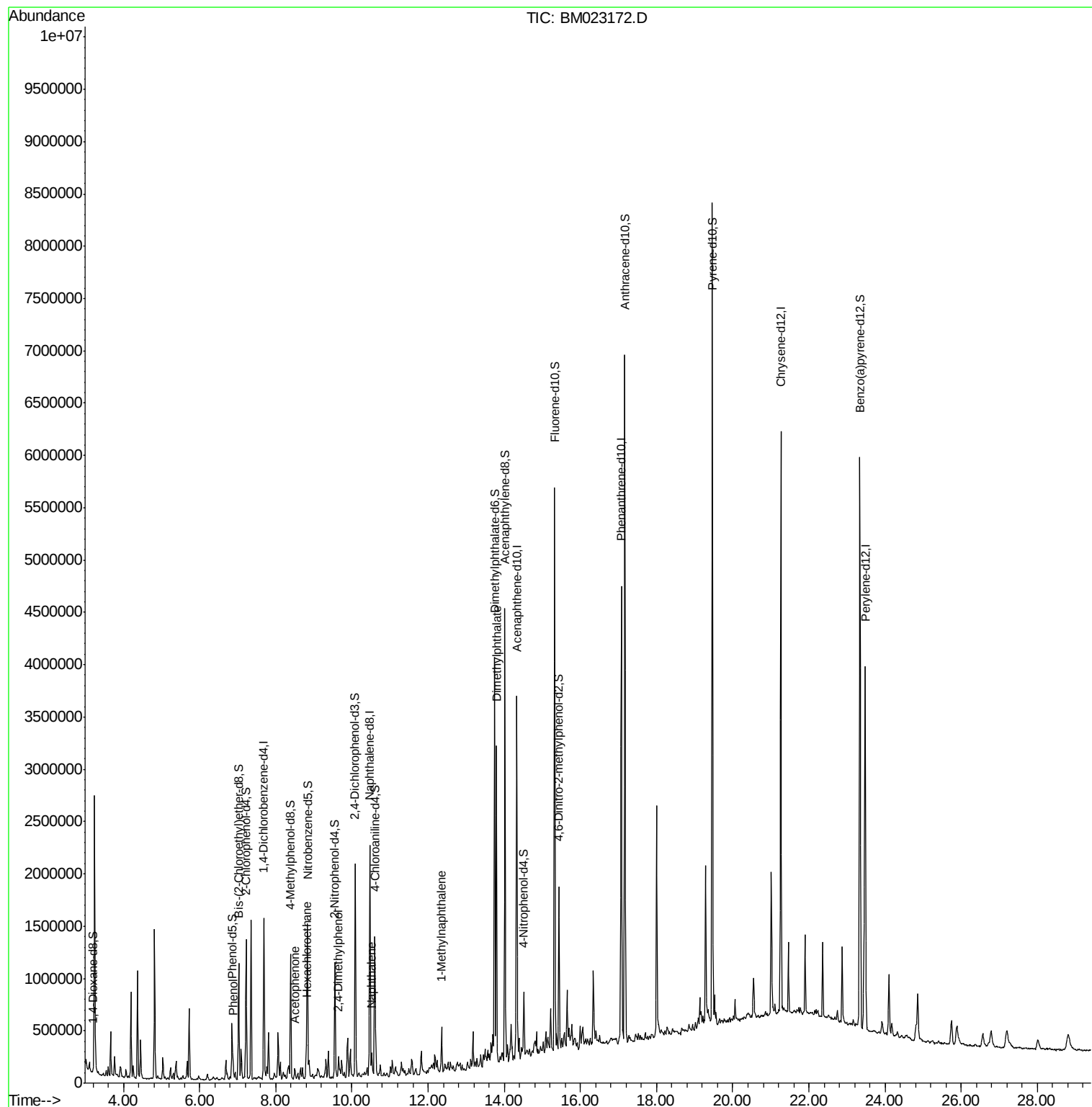
					Ovalue	
6) Phenol	6.88	94	64806	1.756	ng/ul	99
14) Acetophenone	8.50	105	60804	1.357	ng/ul#	55
17) Hexachloroethane	8.80	117	31132	2.736	ng/ul#	3
24) 2,4-Dimethylphenol	9.65	107	73052	2.102	ng/ul	97
28) Naphthalene	10.52	128	158028	1.733	ng/ul	98
35) 1-Methylnaphthalene	12.36	142	151792	2.312	ng/ul#	96
45) Dimethylphthalate	13.79	163	1872149	21.332	ng/ul	99

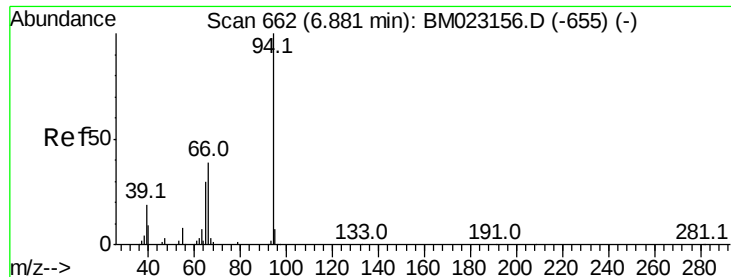
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.756 ng/ul

RT: 6.88 min Scan# 662

Delta R.T. -0.01 min

Lab File: BM023172.D

Acq: 15 Oct 2019 18:34

Instrument :

BNA_M

ClientSampled :

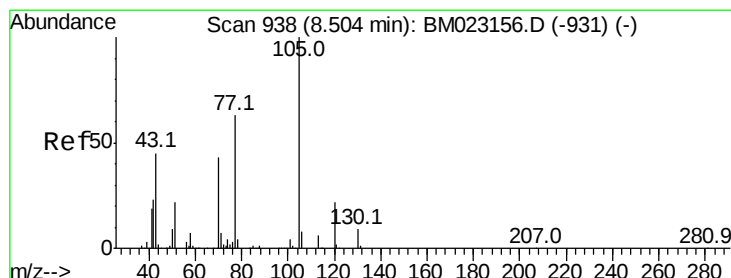
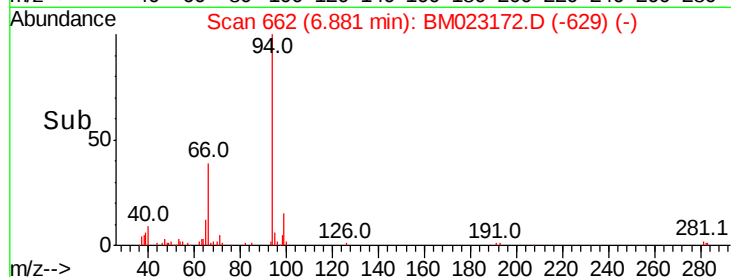
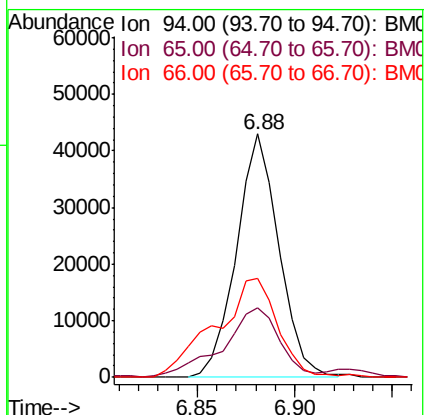
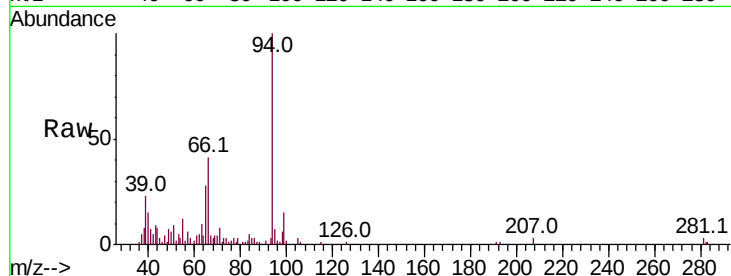
Tot Ion: 94 Resp: 64806

Ion Ratio Lower Upper

94 100

65 28.5 23.7 35.5

66 40.5 32.9 49.3



#14

Acetophenone

Concen: 1.357 ng/ul

RT: 8.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BM023172.D

Acq: 15 Oct 2019 18:34

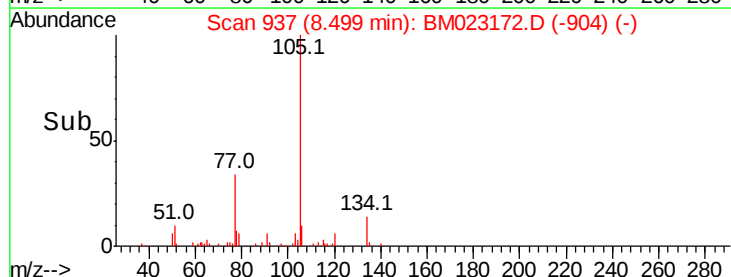
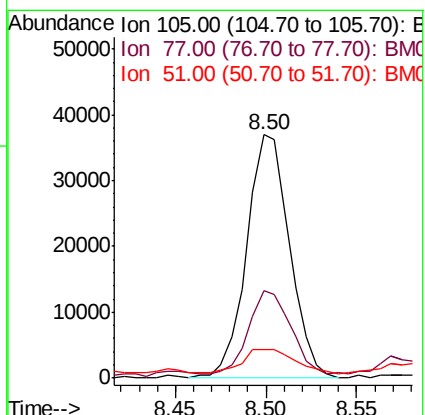
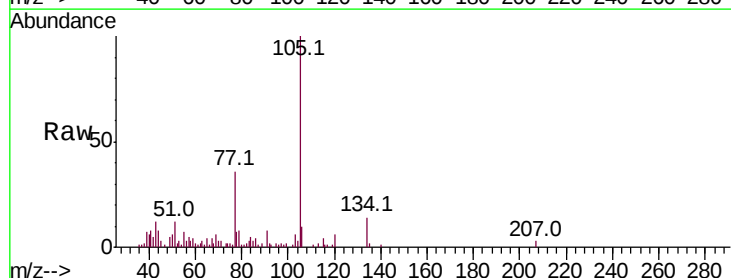
Tgt Ion: 105 Resp: 60804

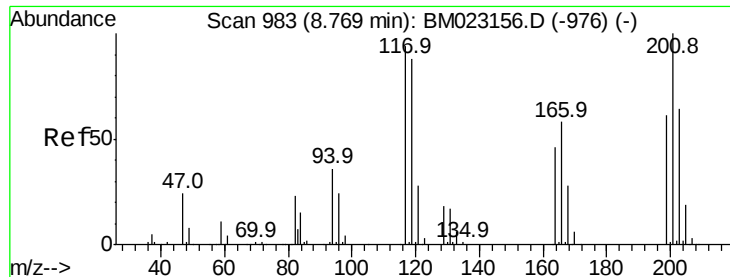
Ion Ratio Lower Upper

105 100

77 35.8 63.9 95.9#

51 11.8 21.6 32.4#

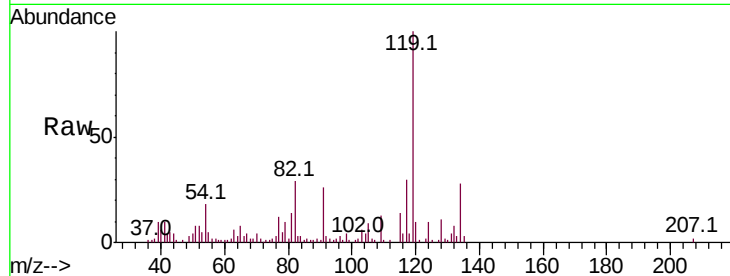




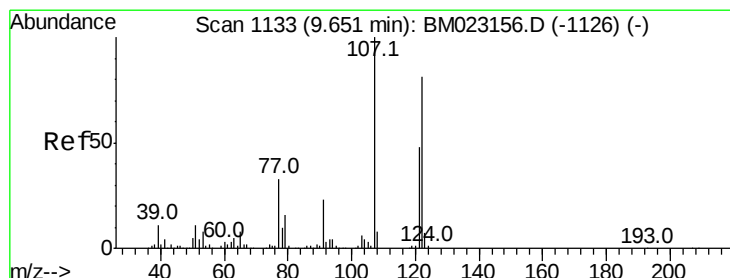
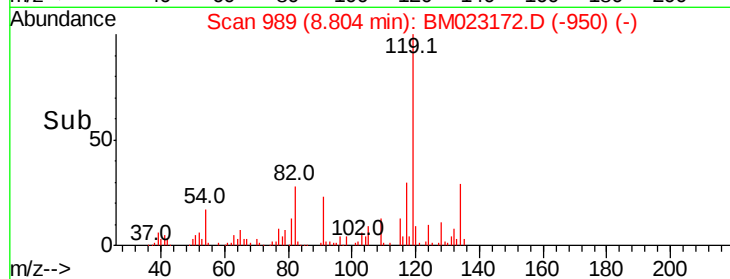
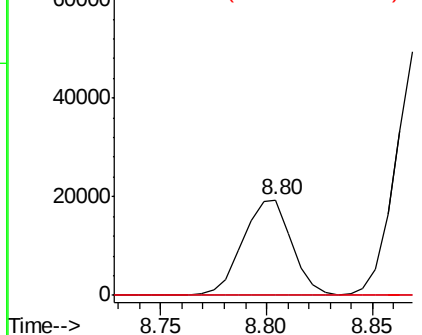
#17
Hexachloroethane
Concen: 2.736 ng/ul
RT: 8.80 min Scan# 989
Delta R.T. 0.03 min
Lab File: BM023172.D
Acq: 15 Oct 2019 18:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:117 Resp: 31132
Ion Ratio Lower Upper
117 100
201 0.0 89.4 134.2#
199 0.0 56.3 84.5#

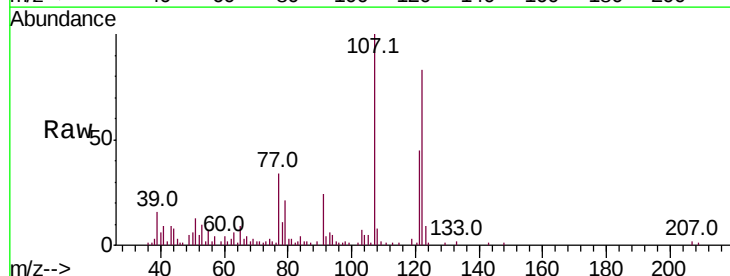


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

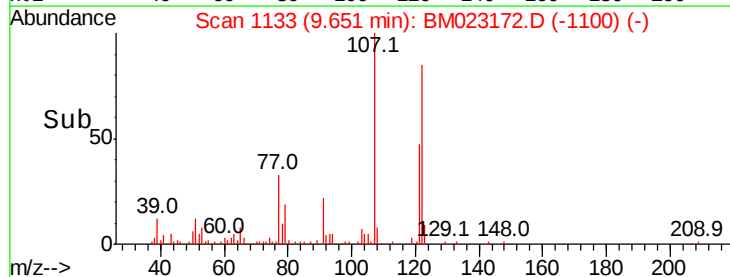
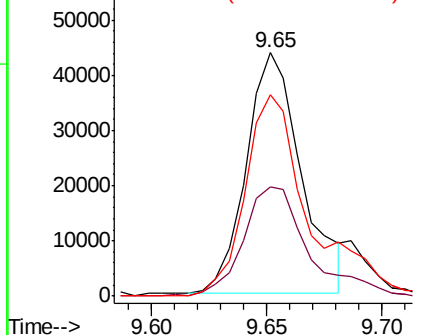


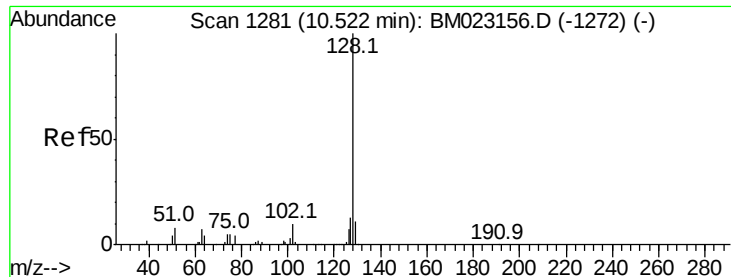
#24
2,4-Dimethylphenol
Concen: 2.102 ng/ul
RT: 9.65 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BM023172.D
Acq: 15 Oct 2019 18:34

Tgt Ion:107 Resp: 73052
Ion Ratio Lower Upper
107 100
121 44.8 39.0 58.4
122 82.6 64.7 97.1



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

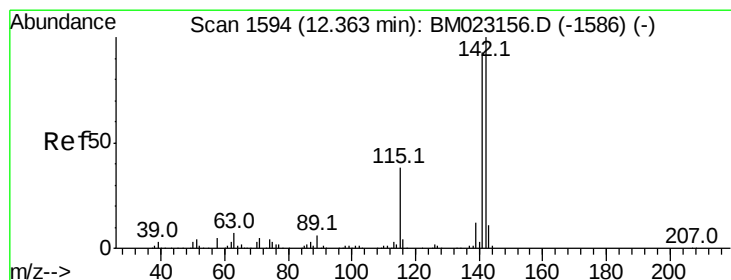
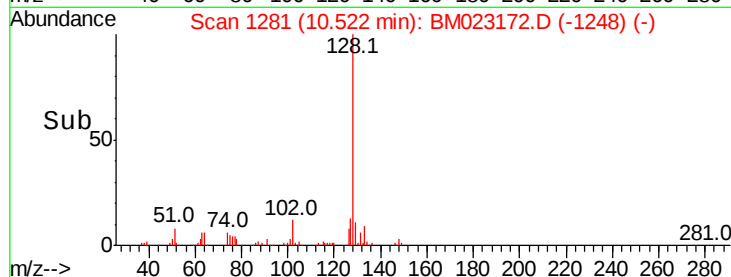
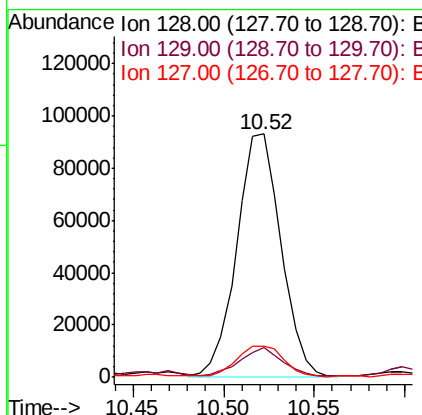
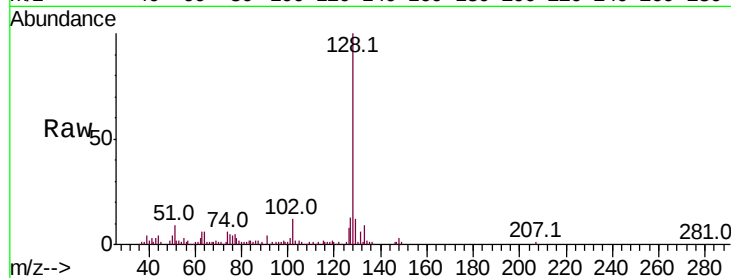




#28
Naphthalene
Concen: 1.733 ng/ul
RT: 10.52 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BM023172.D
Acq: 15 Oct 2019 18:34

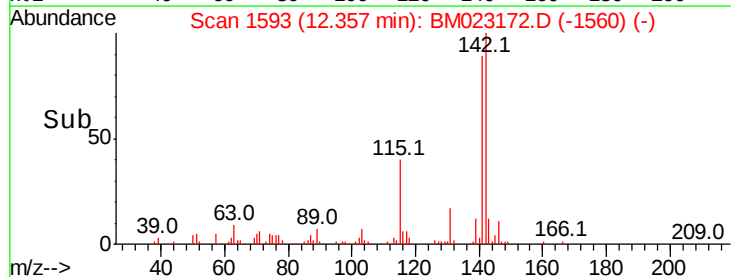
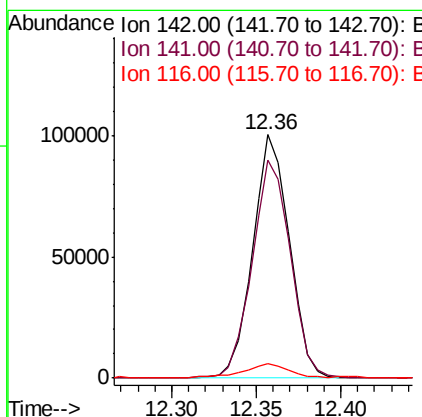
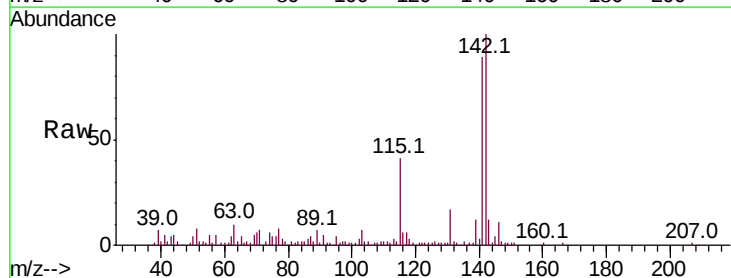
Instrument :
BNA_M
ClientSampleId :

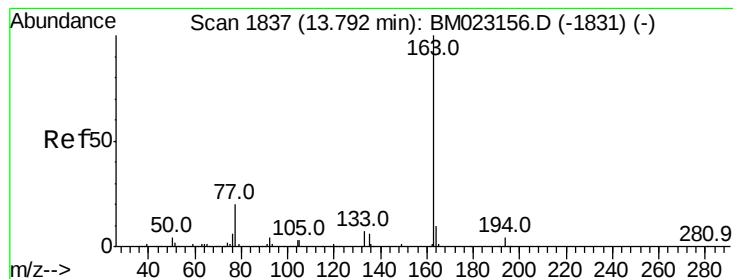
Tot Ion:128 Resp: 158028
Ion Ratio Lower Upper
128 100
129 12.2 8.3 12.5
127 12.9 10.2 15.4



#35
1-Methylnaphthalene
Concen: 2.312 ng/ul
RT: 12.36 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BM023172.D
Acq: 15 Oct 2019 18:34

Tgt Ion:142 Resp: 151792
Ion Ratio Lower Upper
142 100
141 89.4 74.2 111.2
116 5.7 3.3 4.9#





#45

Dimethylphthalate

Concen: 21.332 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM023172.D

Acq: 15 Oct 2019 18:34

Instrument :

BNA_M

ClientSampleId :

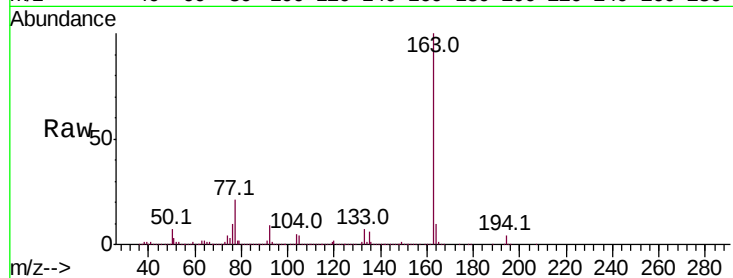
Tot Ion:163 Resp: 1872149

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.3 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

