

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023071.D
 Acq On : 09 Oct 2019 07:10
 Operator : JU
 Sample : K5028-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 09 07:43:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 09 05:18:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	157974	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	662014	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	386946	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	736400	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	707123	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	827115	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	21476	5.88	ng/uL	0.00
5) Phenol-d5	6.94	99	60325	4.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	138637	18.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	167306	14.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	110741	9.69	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	97297	19.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	103086	18.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	196113	17.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	209328	15.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	632454	21.06	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	689705	19.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	22789	3.84	ng/ul	0.00
58) Fluorene-d10	15.40	176	530512	20.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	68732	14.34	ng/ul	0.00
71) Anthracene-d10	17.24	188	827289	23.01	ng/ul	0.00
79) Pyrene-d10	19.54	212	897684	23.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1020511	23.85	ng/ul	0.00

Target Compounds

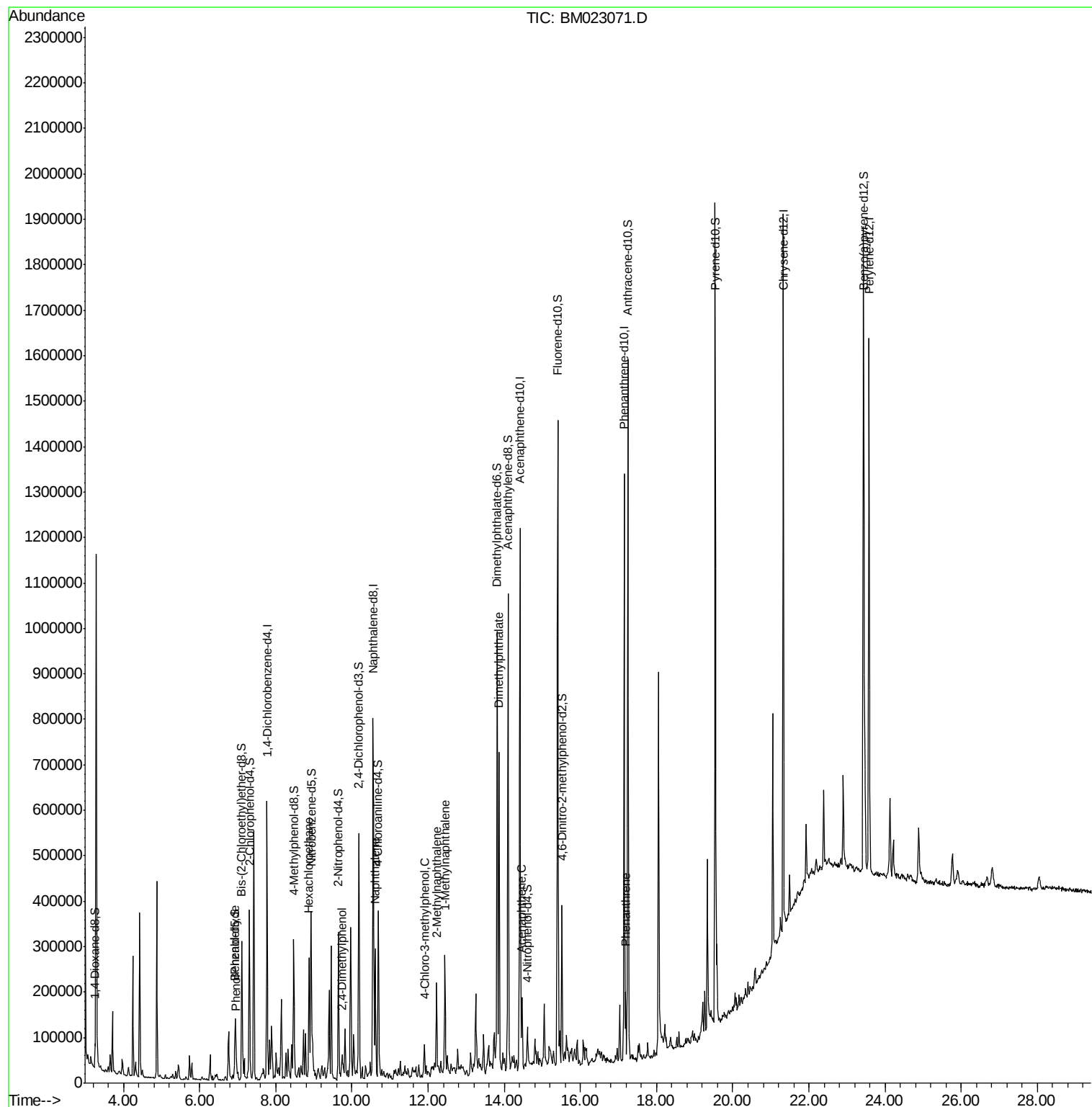
					Ovalue	
4) Benzaldehyde	6.92	77	12815	2.026	ng/ul#	1
6) Phenol	6.97	94	24872	1.700	ng/ul	99
17) Hexachloroethane	8.88	117	23088	5.039	ng/ul#	6
24) 2,4-Dimethylphenol	9.74	107	17030	1.371	ng/ul	95
28) Naphthalene	10.61	128	201325	5.631	ng/ul	99
33) 4-Chloro-3-methylphenol	11.90	107	15466	1.336	ng/ul#	16
34) 2-Methylnaphthalene	12.22	142	94991	3.544	ng/ul	100
35) 1-Methylnaphthalene	12.45	142	116747	4.560	ng/ul	99
45) Dimethylphthalate	13.86	163	445533	14.442	ng/ul	99
50) Acenaphthene	14.47	153	62575	2.400	ng/ul	100
70) Phenanthrene	17.19	178	87969	2.002	ng/ul	100

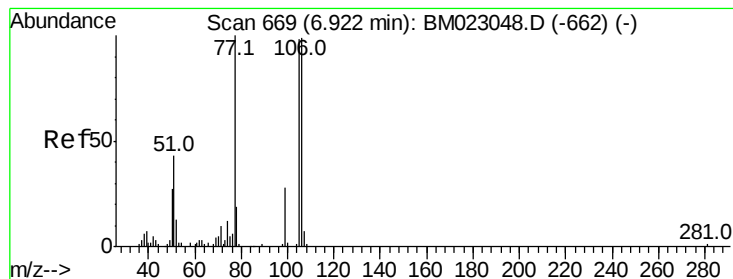
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 05:18:32 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.026 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM023071.D

Acq: 09 Oct 2019 07:10

Instrument :

BNA_M

ClientSampled :

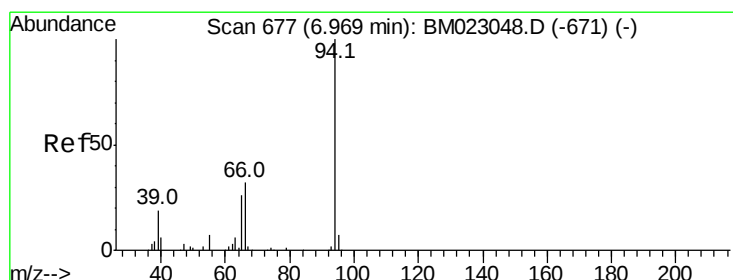
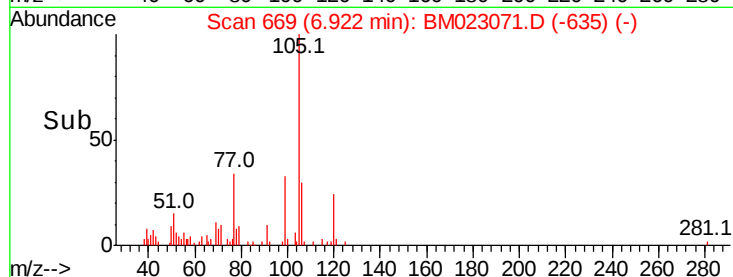
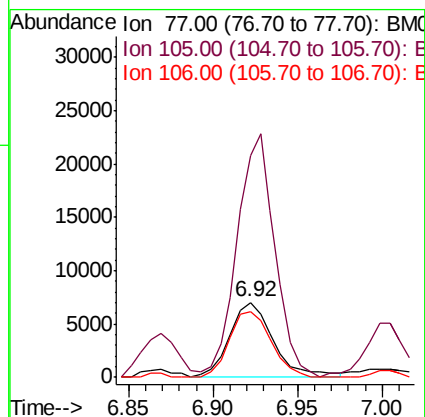
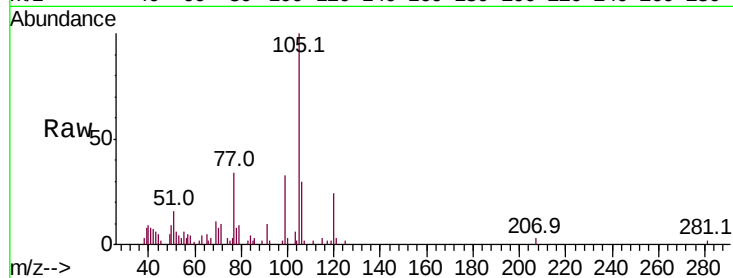
Tot Ion: 77 Resp: 12815

Ion Ratio Lower Upper

77 100

105 296.7 80.6 120.8#

106 87.8 77.0 115.6



#6

Phenol

Concen: 1.700 ng/ul

RT: 6.97 min Scan# 677

Delta R.T. 0.00 min

Lab File: BM023071.D

Acq: 09 Oct 2019 07:10

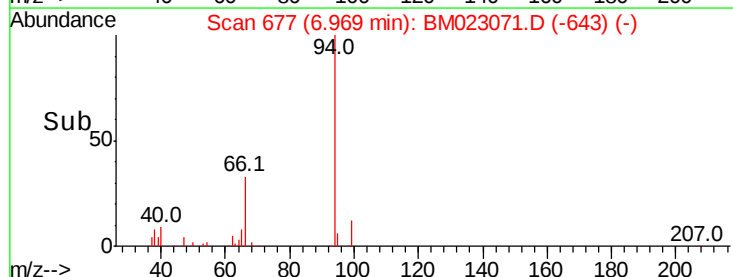
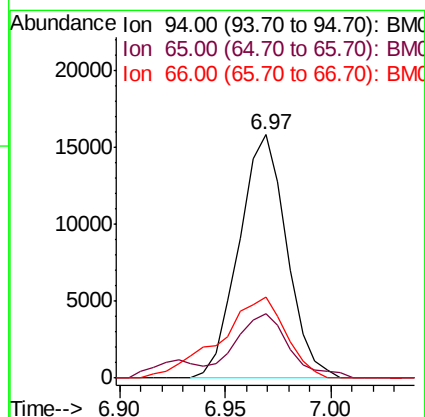
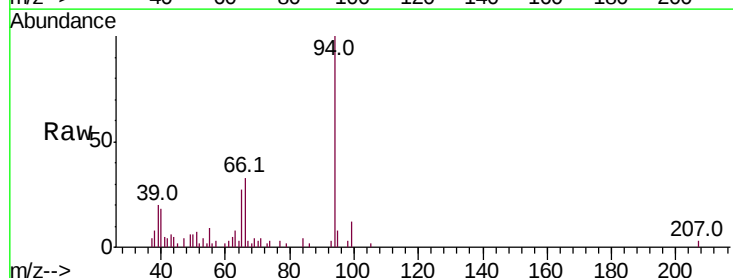
Tgt Ion: 94 Resp: 24872

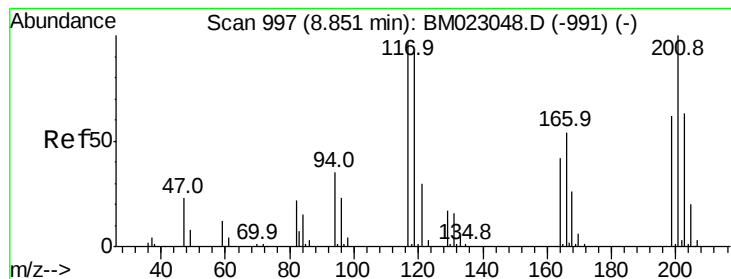
Ion Ratio Lower Upper

94 100

65 26.6 20.9 31.3

66 33.2 27.2 40.8





#17

Hexachloroethane

Concen: 5.039 ng/ul

RT: 8.88 min Scan# 1002

Delta R.T. 0.03 min

Lab File: BM023071.D

Acq: 09 Oct 2019 07:10

Instrument :

BNA_M

ClientSampleId :

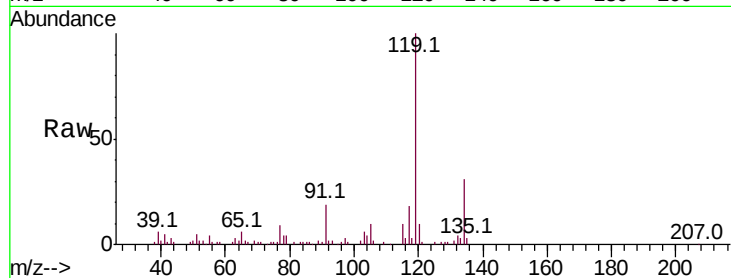
Tot Ion:117 Resp: 23088

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

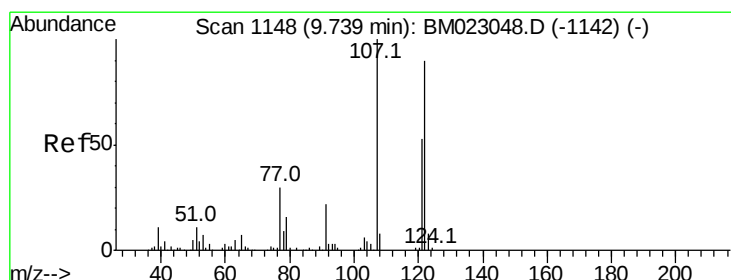
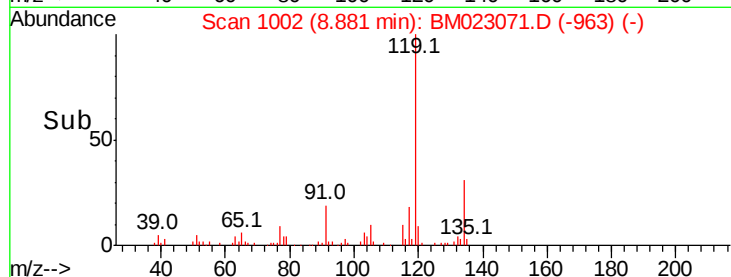
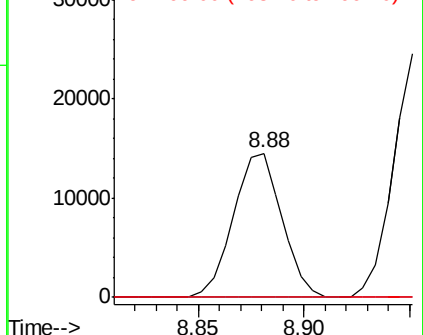
199 0.0 51.6 77.4#



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: 1.371 ng/ul

RT: 9.74 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM023071.D

Acq: 09 Oct 2019 07:10

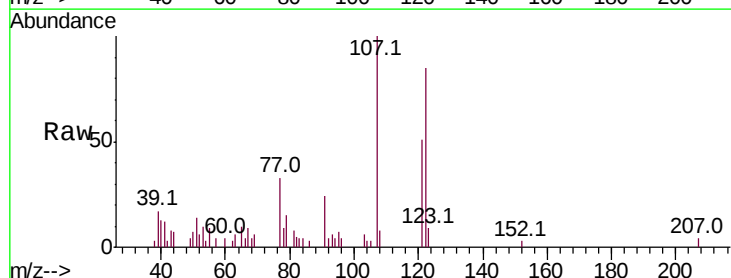
Tgt Ion:107 Resp: 17030

Ion Ratio Lower Upper

107 100

121 50.6 43.0 64.4

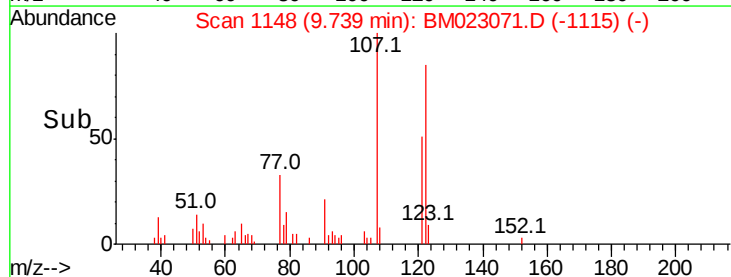
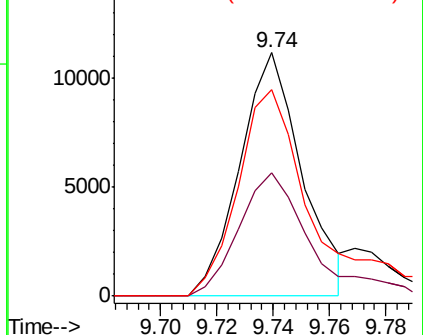
122 84.6 71.4 107.0

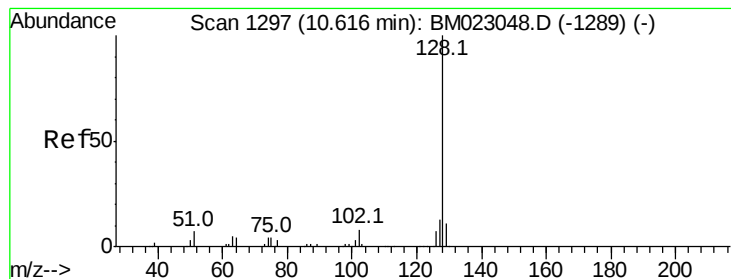


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Naphthalene

Concen: 5.631 ng/ul

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM023071.D

Acq: 09 Oct 2019 07:10

Instrument :

BNA_M

ClientSampleId :

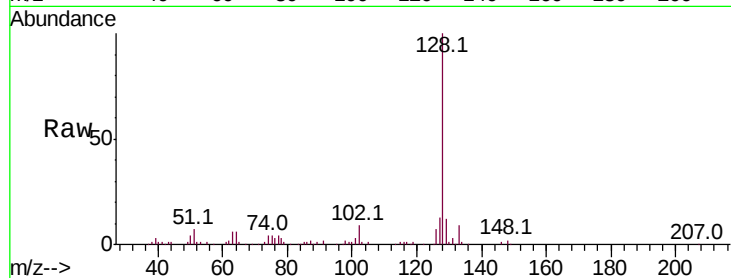
Tot Ion:128 Resp: 201325

Ion Ratio Lower Upper

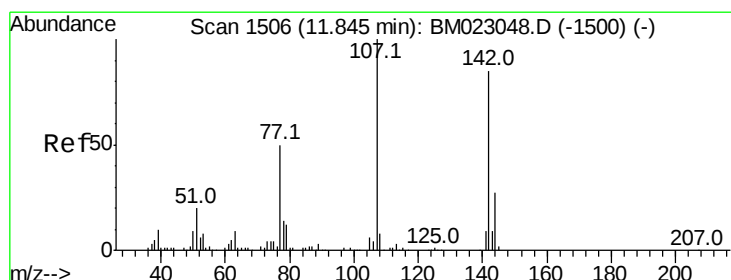
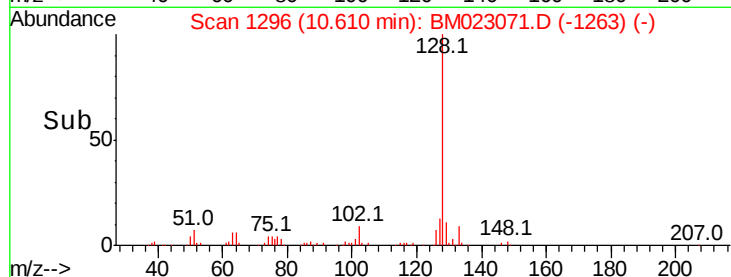
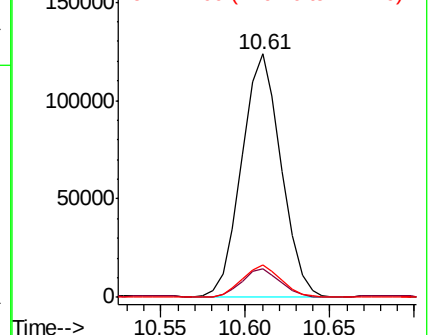
128 100

129 11.5 8.6 13.0

127 13.2 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#33

4-Chloro-3-methylphenol

Concen: 1.336 ng/ul

RT: 11.90 min Scan# 1516

Delta R.T. 0.06 min

Lab File: BM023071.D

Acq: 09 Oct 2019 07:10

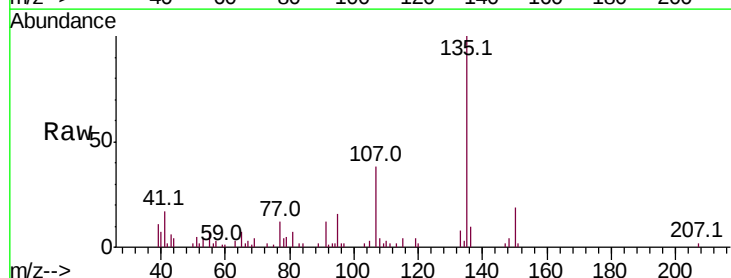
Tgt Ion:107 Resp: 15466

Ion Ratio Lower Upper

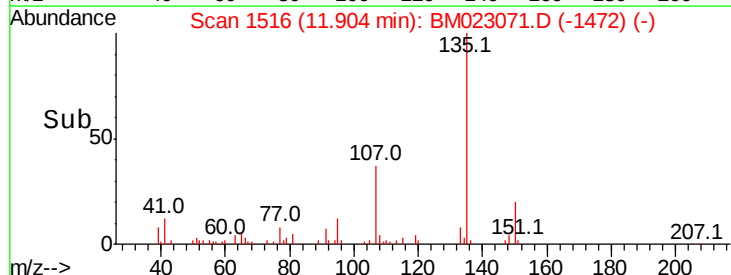
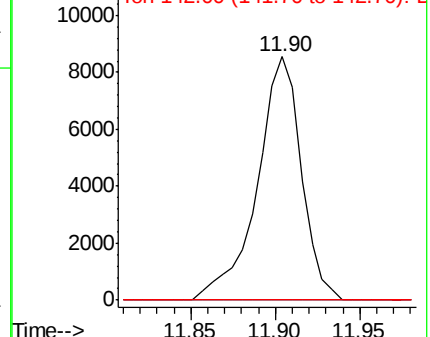
107 100

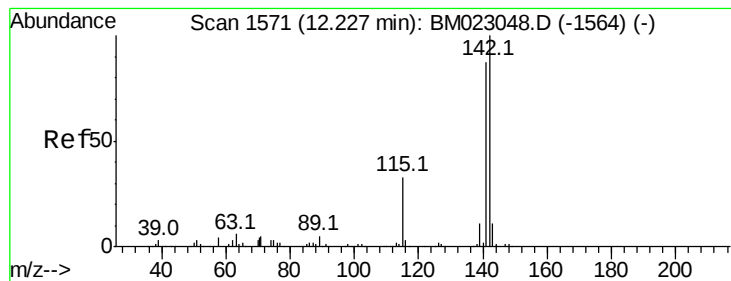
144 0.0 22.5 33.7#

142 0.0 68.9 103.3#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 3.544 ng/ul

RT: 12.22 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BM023071.D

Acq: 09 Oct 2019 07:10

Instrument :

BNA_M

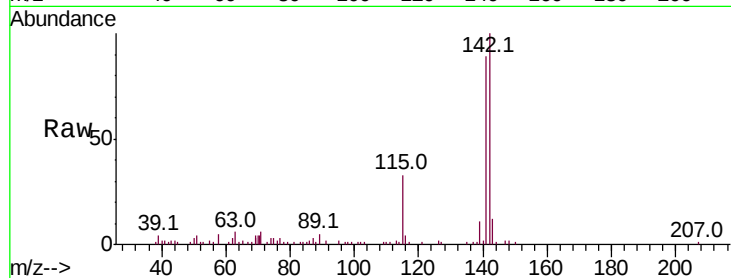
ClientSampleId :

Tot Ion:142 Resp: 94991

Ion Ratio Lower Upper

142 100

141 89.4 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.22

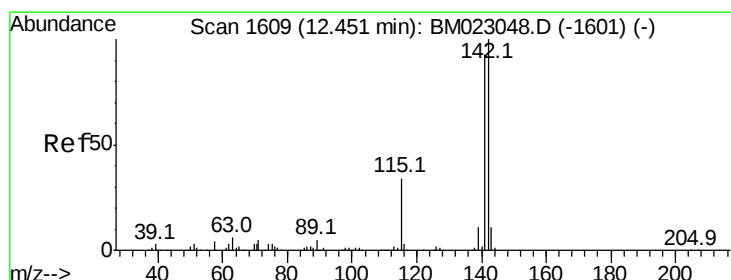
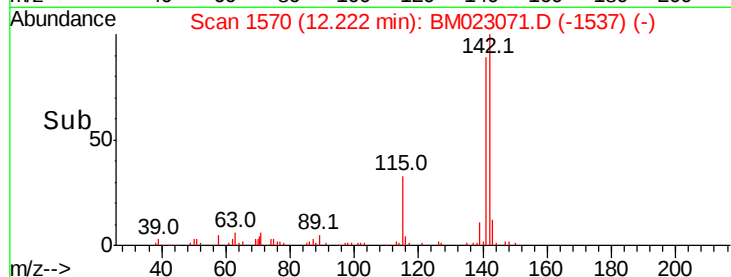
60000

40000

20000

0

Time--> 12.15 12.20 12.25



#35

1-Methylnaphthalene

Concen: 4.560 ng/ul

RT: 12.45 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM023071.D

Acq: 09 Oct 2019 07:10

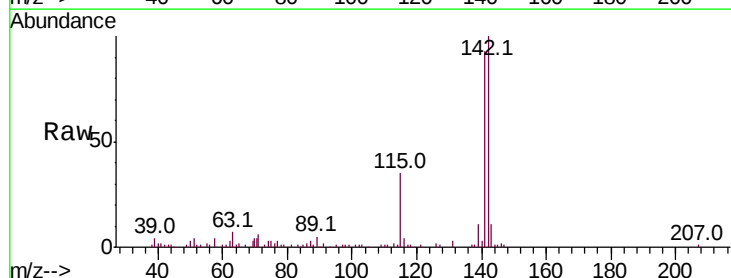
Tgt Ion:142 Resp: 116747

Ion Ratio Lower Upper

142 100

141 92.7 73.0 109.6

116 3.8 2.9 4.3



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

12.45

100000

80000

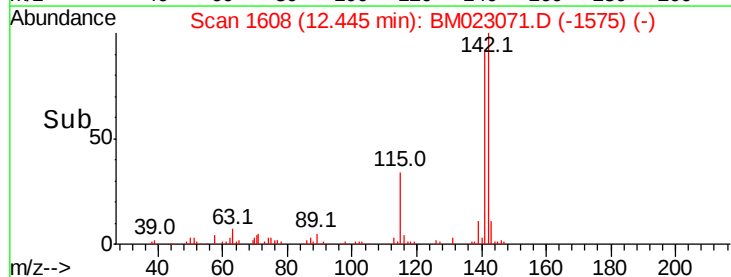
60000

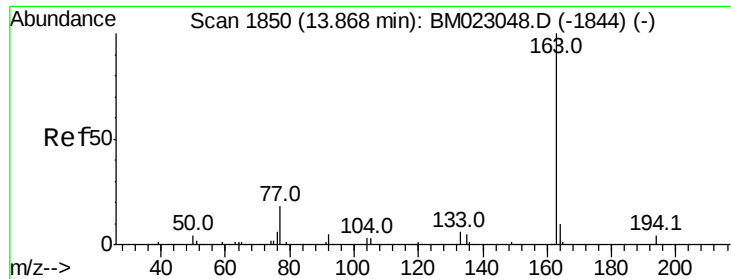
40000

20000

0

Time--> 12.40 12.45 12.50

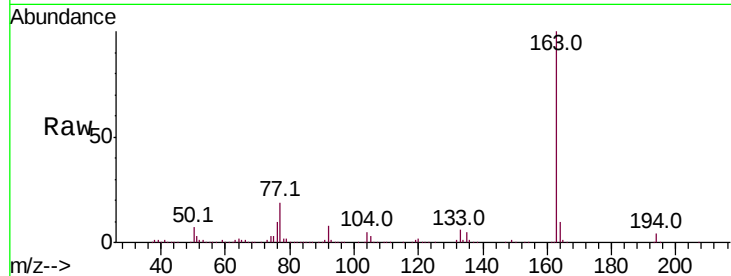




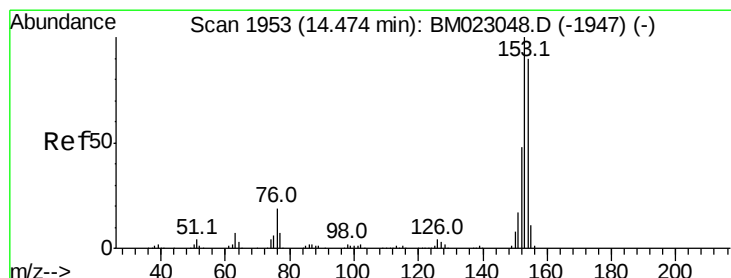
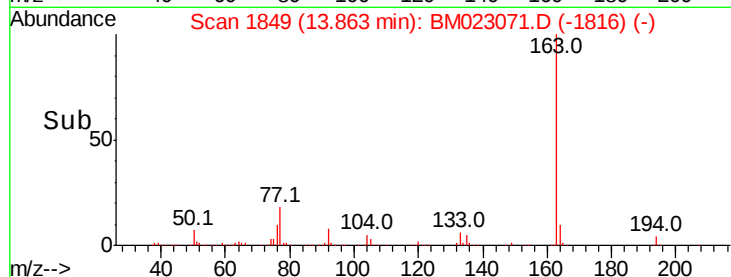
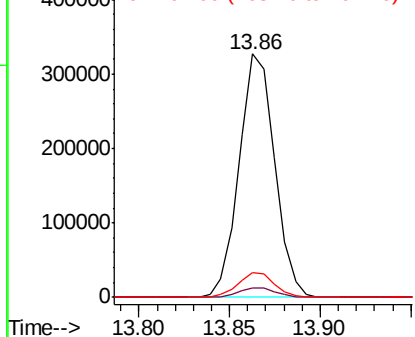
#45
Dimethylphthalate
Concen: 14.442 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM023071.D
Acq: 09 Oct 2019 07:10

Instrument :
BNA_M
ClientSampled :

Tot Ion:163 Resp: 445533
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.4 8.1 12.1

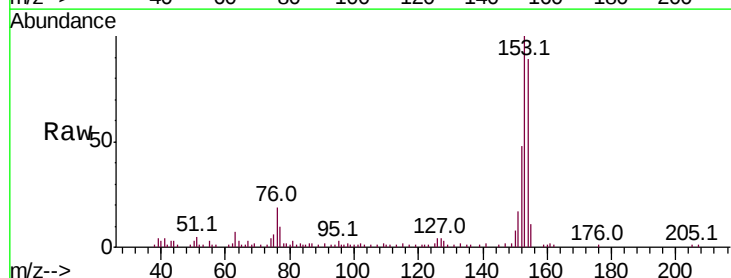


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

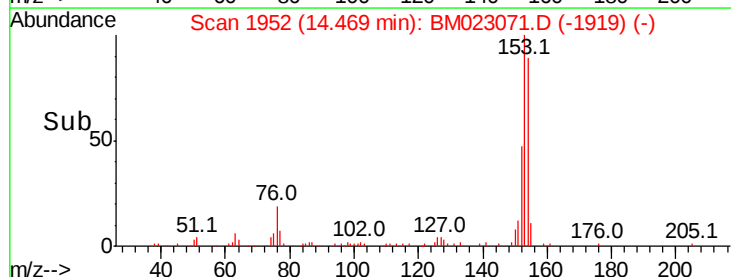
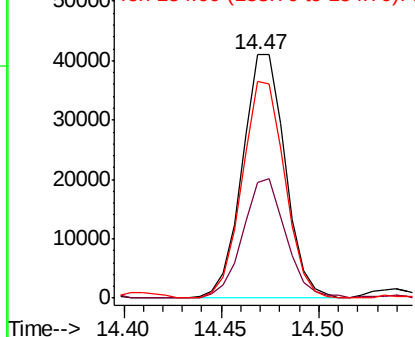


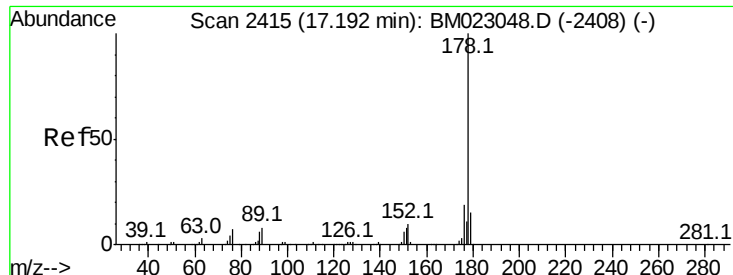
#50
Acenaphthene
Concen: 2.400 ng/ul
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM023071.D
Acq: 09 Oct 2019 07:10

Tgt Ion:153 Resp: 62575
Ion Ratio Lower Upper
153 100
152 47.6 38.1 57.1
154 88.9 71.1 106.7



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





#70

Phenanthrene

Concen: 2.002 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BM023071.D

Acq: 09 Oct 2019 07:10

Instrument :

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ClientSampleId :

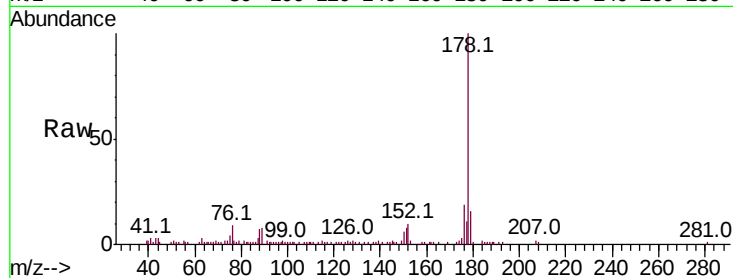
Tot Ion:178 Resp: 87969

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.1 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

