

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023073.D
 Acq On : 09 Oct 2019 08:22
 Operator : JU
 Sample : K5028-10
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDL0

Quant Time: Oct 09 09:42:26 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	183375	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	782333	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	457590	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	851802	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	789555	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	931170	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	22479	5.30	ng/uL	0.00
5) Phenol-d5	6.94	99	89092	5.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	203034	22.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	253811	19.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	163875	12.35	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	148160	24.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	163452	24.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	298184	22.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	289206	18.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	940695	26.49	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	1051735	25.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	32972	4.70	ng/ul	0.00
58) Fluorene-d10	15.40	176	784104	25.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	113973	20.56	ng/ul	0.00
71) Anthracene-d10	17.25	188	1175275	28.25	ng/ul	0.00
79) Pyrene-d10	19.54	212	1253142	29.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1393218	28.92	ng/ul	0.00

Target Compounds

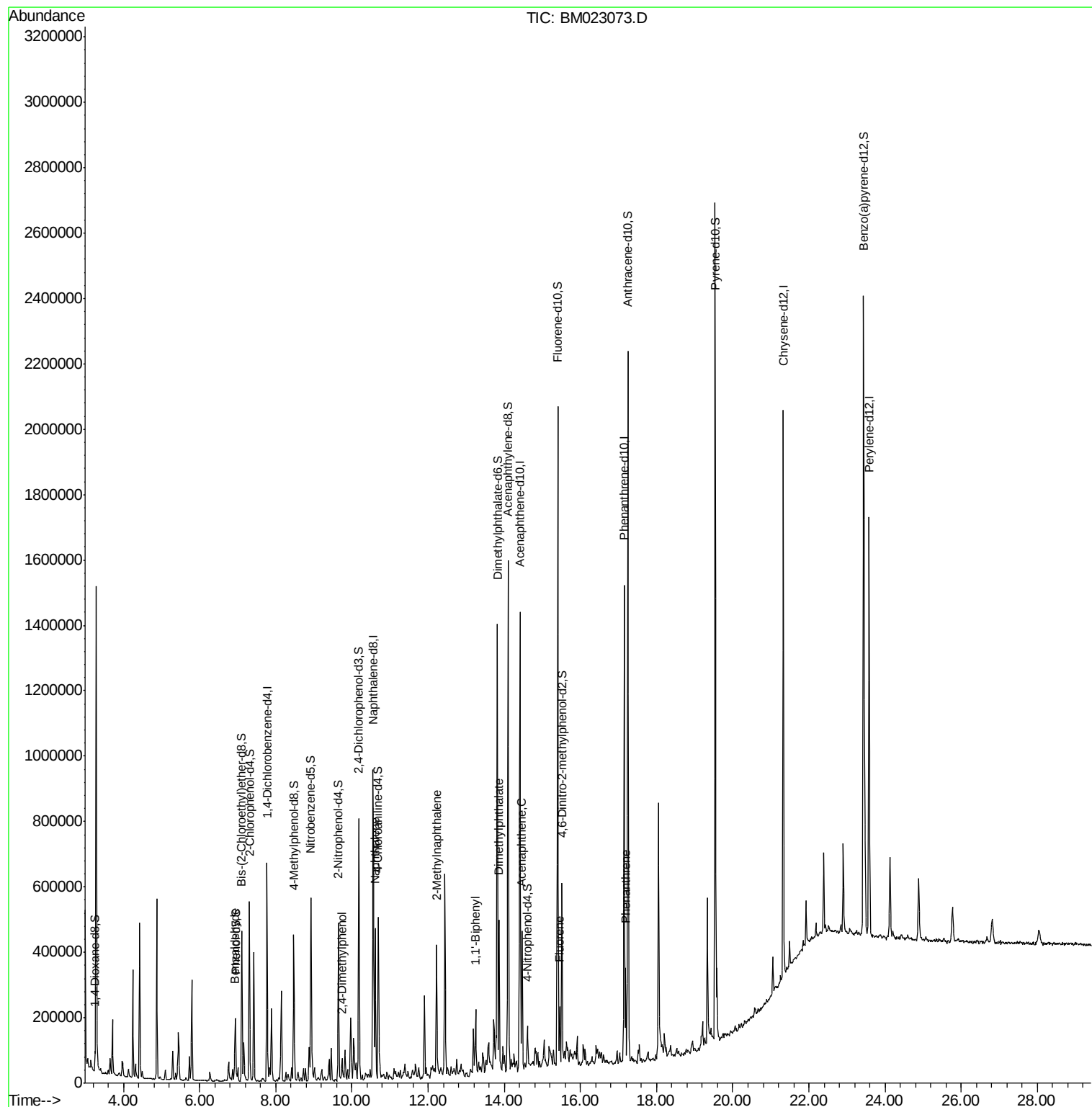
					Ovalue	
4) Benzaldehyde	6.92	77	17048	2.322	ng/ul#	1
24) 2,4-Dimethylphenol	9.74	107	24969	1.701	ng/ul	97
28) Naphthalene	10.61	128	350472	8.295	ng/ul	100
34) 2-Methylnaphthalene	12.22	142	195576	6.174	ng/ul	99
41) 1,1'-Biphenyl	13.24	154	37568	1.003	ng/ul	99
45) Dimethylphthalate	13.86	163	296981	8.141	ng/ul	99
50) Acenaphthene	14.47	153	173079	5.613	ng/ul	100
59) Fluorene	15.46	166	73077	2.053	ng/ul	99
70) Phenanthrene	17.19	178	168242	3.309	ng/ul	99

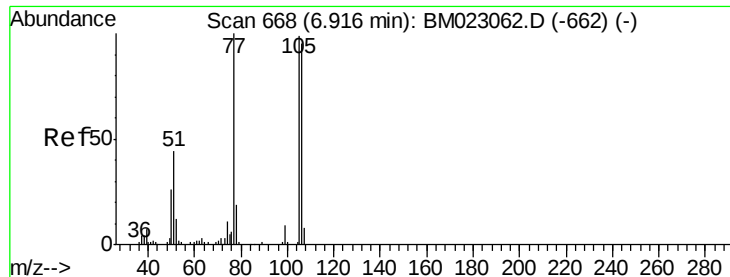
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.322 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM023073.D

Acq: 09 Oct 2019 08:22

Instrument :

BNA_M

ClientSampleId :

BFDL0

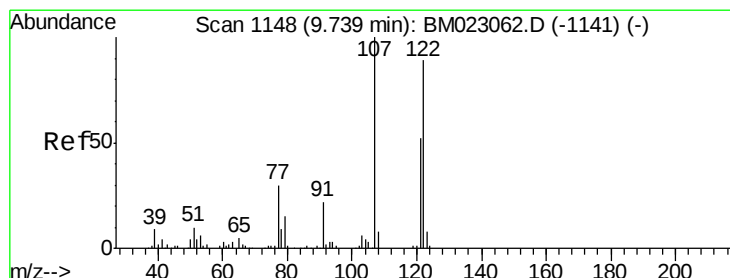
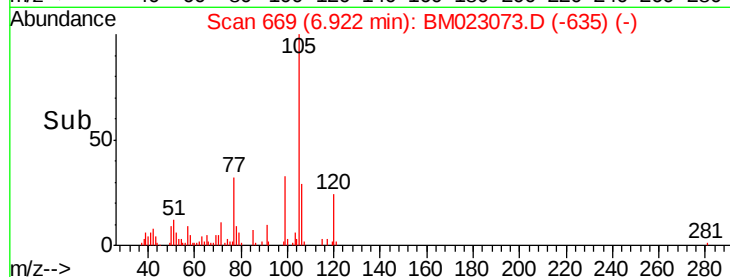
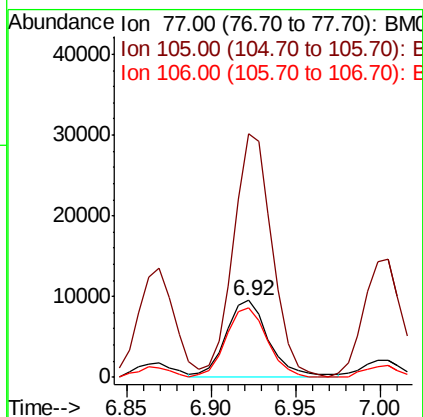
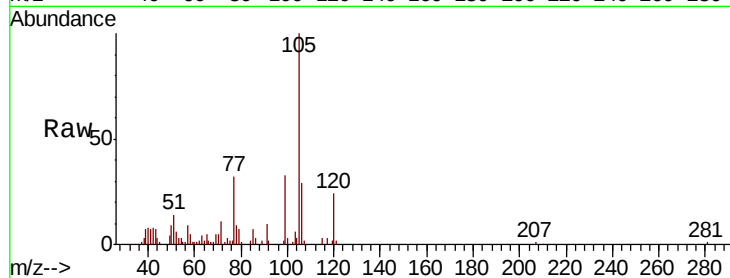
Tot Ion: 77 Resp: 17048

Ion Ratio Lower Upper

77 100

105 316.9 80.6 120.8#

106 90.9 77.0 115.6



#24

2,4-Dimethylphenol

Concen: 1.701 ng/ul

RT: 9.74 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM023073.D

Acq: 09 Oct 2019 08:22

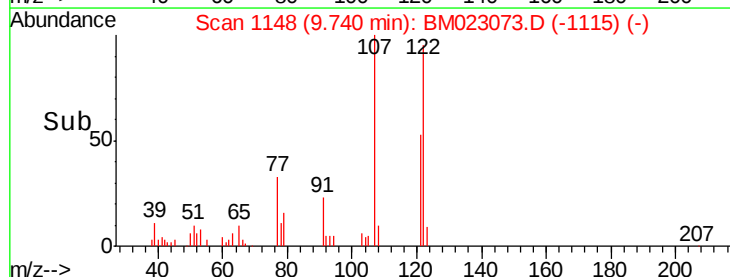
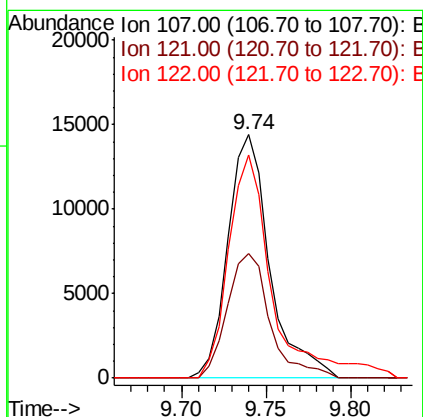
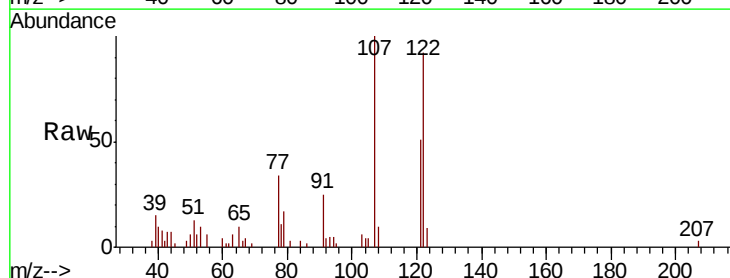
Tgt Ion: 107 Resp: 24969

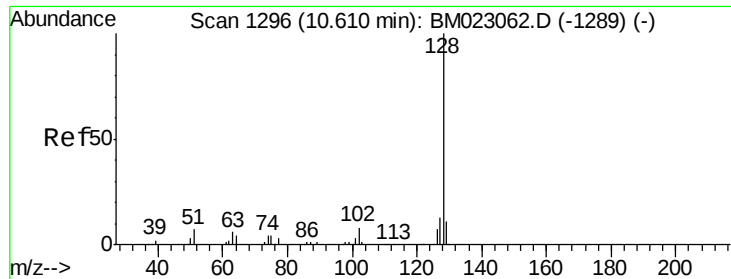
Ion Ratio Lower Upper

107 100

121 51.3 43.0 64.4

122 91.9 71.4 107.0





#28

Naphthalene

Concen: 8.295 ng/ul

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM023073.D

Acq: 09 Oct 2019 08:22

Instrument :

BNA_M

ClientSampleId :

BFDL0

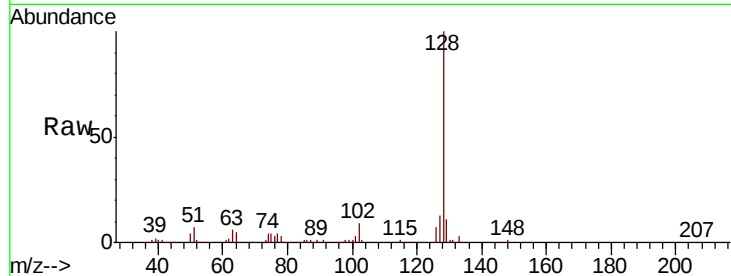
Tot Ion:128 Resp: 350472

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

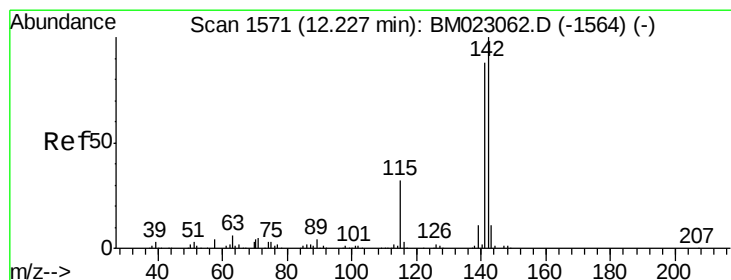
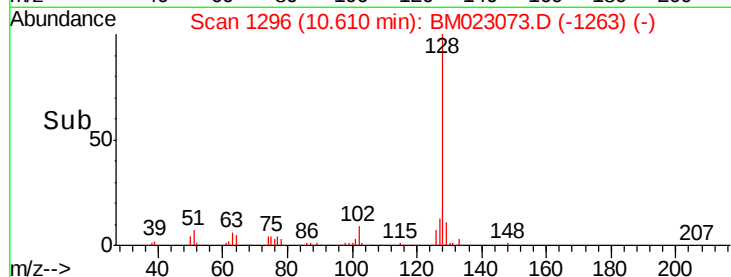
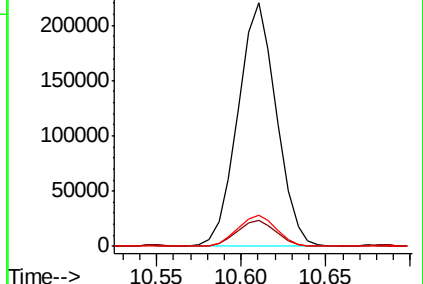
127 12.9 10.2 15.4



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



#34

2-Methylnaphthalene

Concen: 6.174 ng/ul

RT: 12.22 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BM023073.D

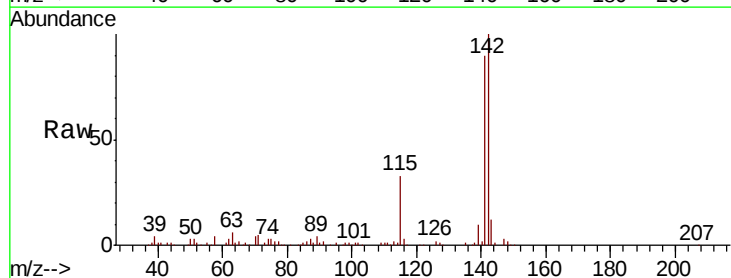
Acq: 09 Oct 2019 08:22

Tgt Ion:142 Resp: 195576

Ion Ratio Lower Upper

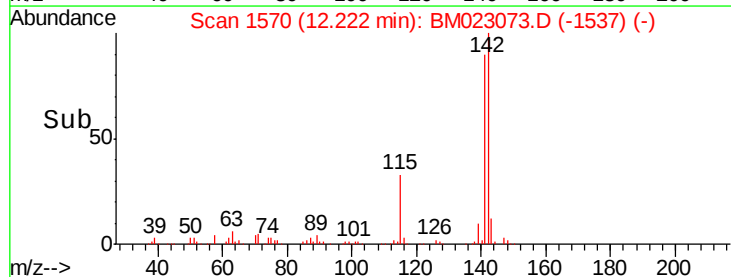
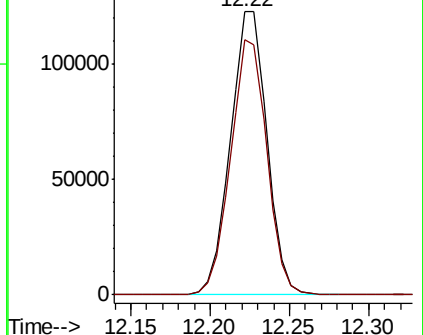
142 100

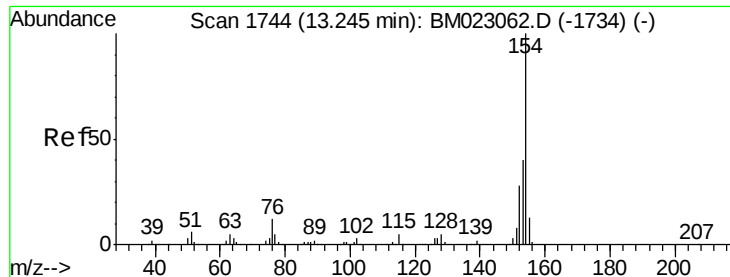
141 90.0 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#41

1,1'-Biphenyl

Concen: 1.003 ng/ul

RT: 13.24 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BM023073.D

Acq: 09 Oct 2019 08:22

Instrument :

BNA_M

ClientSampleId :

BFDL0

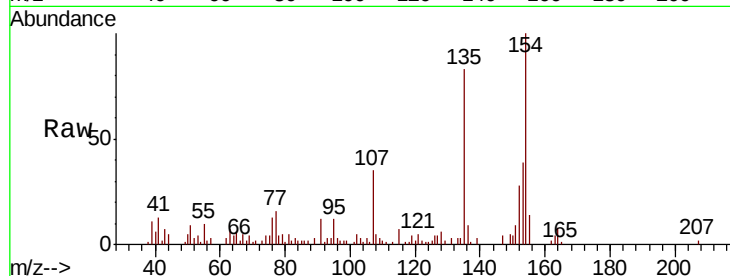
Tot Ion:154 Resp: 37568

Ion Ratio Lower Upper

154 100

153 39.5 31.8 47.6

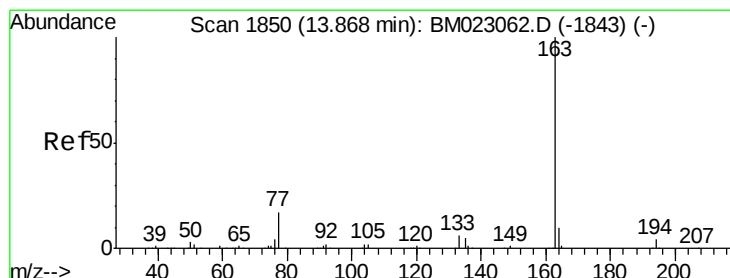
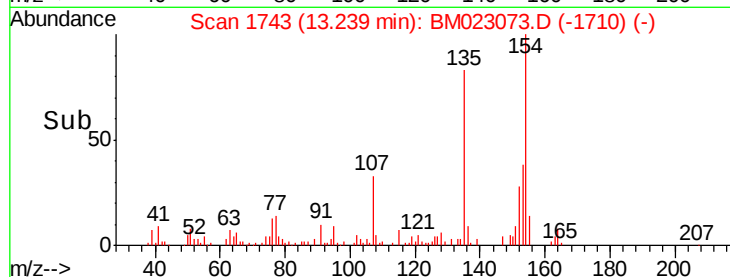
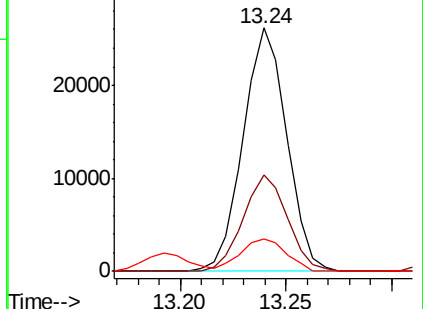
76 13.2 9.6 14.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BMD



#45

Dimethylphthalate

Concen: 8.141 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM023073.D

Acq: 09 Oct 2019 08:22

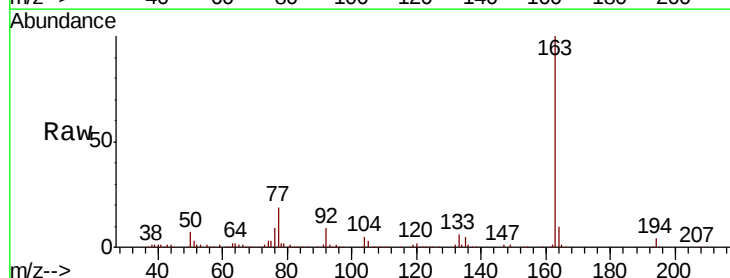
Tgt Ion:163 Resp: 296981

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

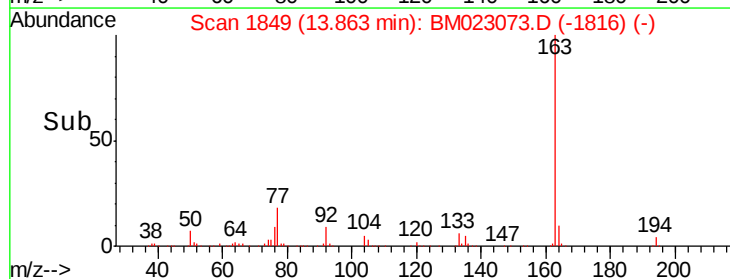
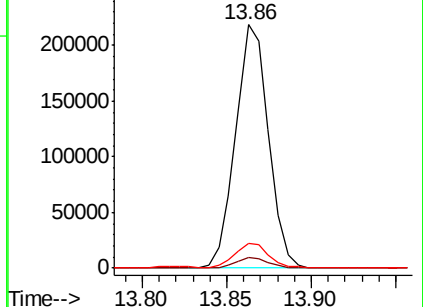
164 10.3 8.1 12.1

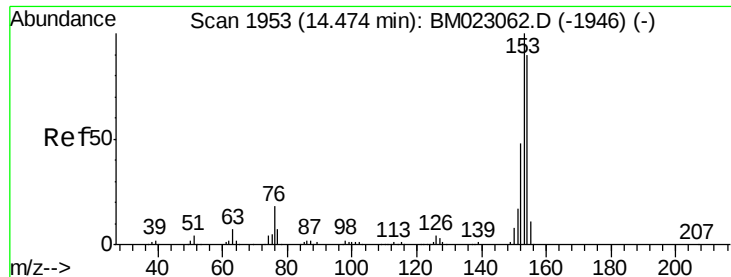


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 5.613 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BM023073.D

Acq: 09 Oct 2019 08:22

Instrument :

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ClientSampleId :

BFDL0

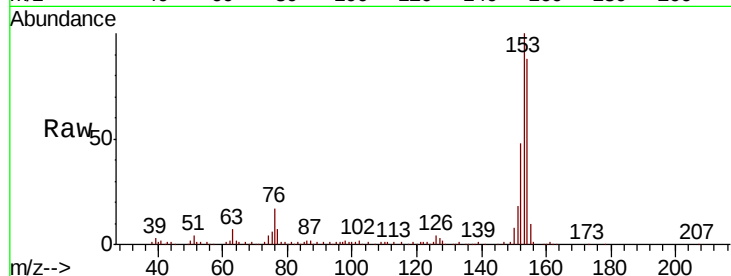
Tot Ion:153 Resp: 173079

Ion Ratio Lower Upper

153 100

152 47.9 38.1 57.1

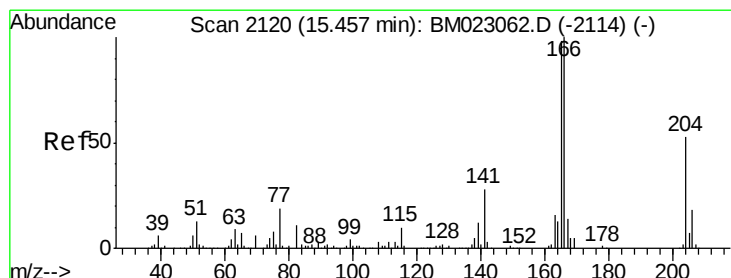
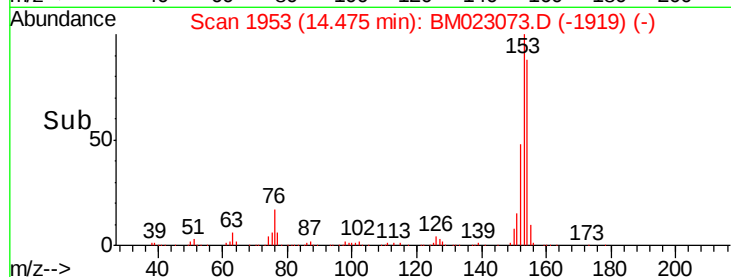
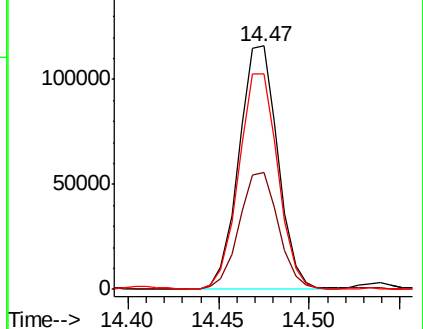
154 88.5 71.1 106.7



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



#59

Fluorene

Concen: 2.053 ng/ul

RT: 15.46 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BM023073.D

Acq: 09 Oct 2019 08:22

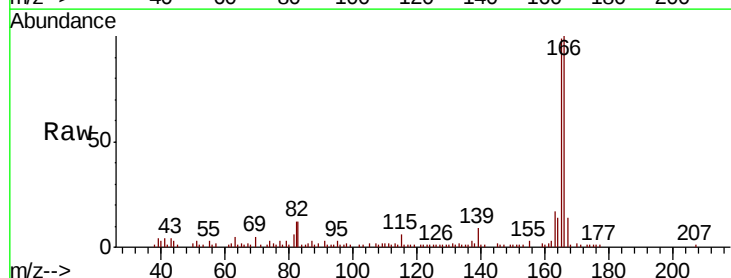
Tgt Ion:166 Resp: 73077

Ion Ratio Lower Upper

166 100

165 98.7 77.7 116.5

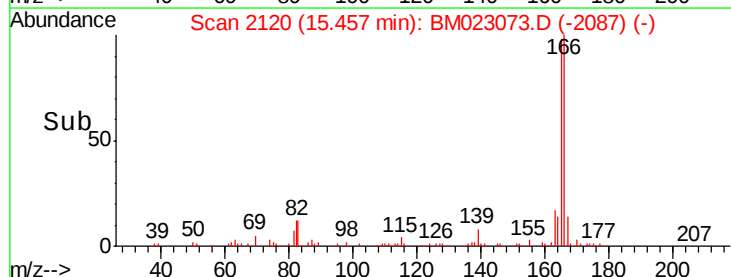
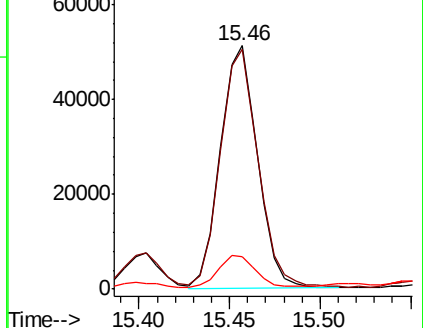
167 13.5 11.0 16.4

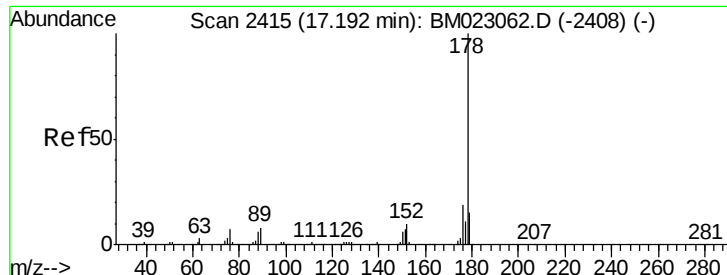


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 3.309 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BM023073.D

Acq: 09 Oct 2019 08:22

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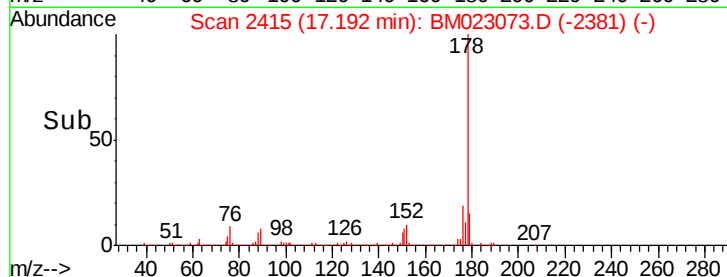
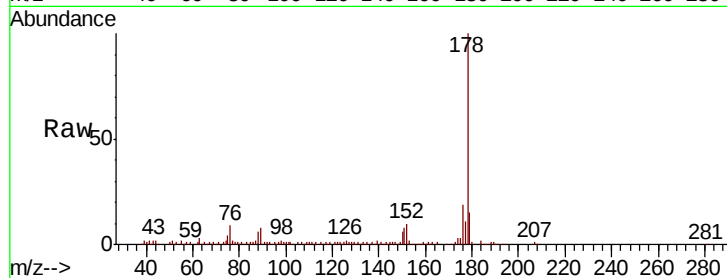
Tot Ion:178 Resp: 168242

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 18.8 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

