

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023070.D
 Acq On : 09 Oct 2019 06:34
 Operator : JU
 Sample : K5028-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDK9

Quant Time: Oct 09 07:45:06 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	203469	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	846607	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	485787	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	897521	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	854130	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	1017542	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	24903	5.29	ng/uL	0.00
5) Phenol-d5	6.94	99	96322	5.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	226474	23.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	275568	19.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	176893	12.02	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	164027	25.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	177556	24.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	320262	22.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	285956	16.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	962081	25.52	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	1103731	25.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	32376	4.35	ng/ul	0.00
58) Fluorene-d10	15.40	176	791717	24.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	104063	17.82	ng/ul	0.00
71) Anthracene-d10	17.24	188	1179849	26.92	ng/ul	0.00
79) Pyrene-d10	19.54	212	1287000	28.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1458588	27.71	ng/ul	0.00

Target Compounds

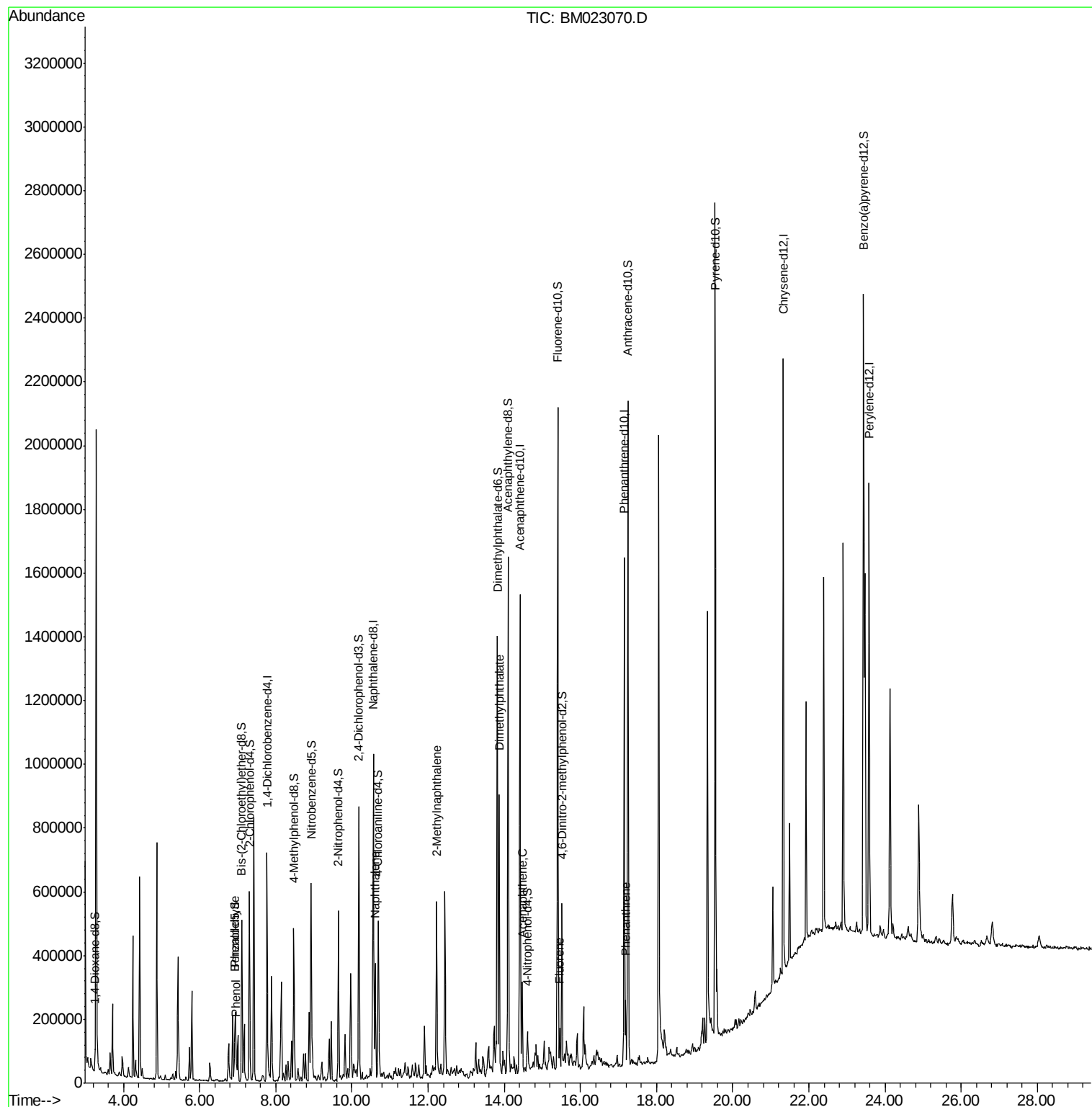
					Ovalue	
4) Benzaldehyde	6.92	77	30440	3.736	ng/ul#	29
6) Phenol	6.97	94	23816	1.264	ng/ul	98
28) Naphthalene	10.61	128	257030	5.622	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	262464	7.656	ng/ul	99
45) Dimethylphthalate	13.87	163	582302	15.035	ng/ul	100
50) Acenaphthene	14.47	153	112628	3.441	ng/ul	100
59) Fluorene	15.46	166	48410	1.281	ng/ul	99
70) Phenanthrene	17.19	178	115489	2.156	ng/ul	98

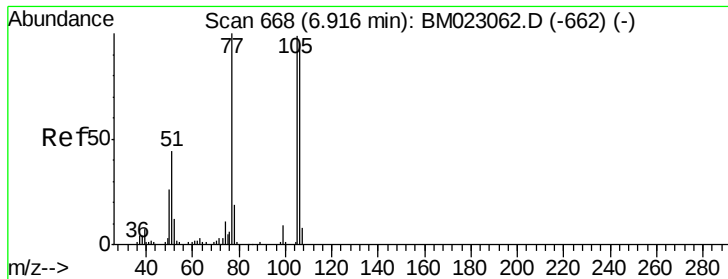
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.736 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM023070.D

Acq: 09 Oct 2019 06:34

Instrument :

BNA_M

ClientSampled :

BFDK9

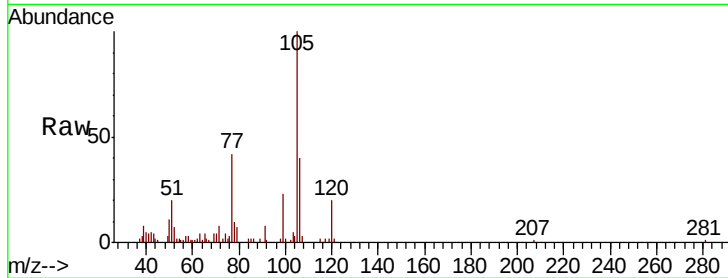
Tot Ion: 77 Resp: 30440

Ion Ratio Lower Upper

77 100

105 238.7 80.6 120.8#

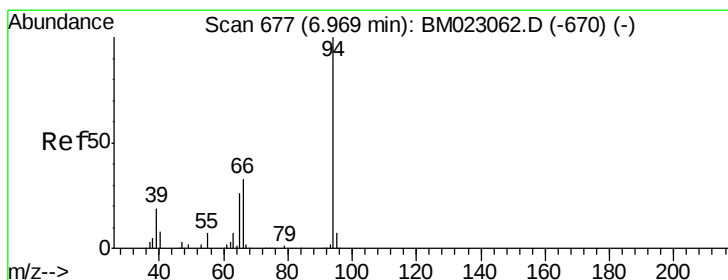
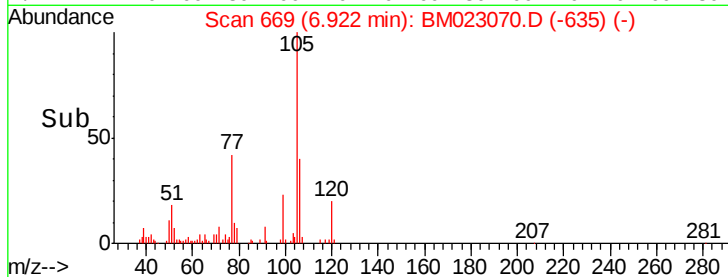
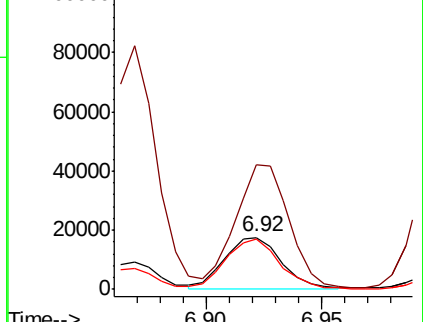
106 95.7 77.0 115.6



Abundance Ion 77.00 (76.70 to 77.70): BM023062.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM023062.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM023062.D (-662) (-)



#6

Phenol

Concen: 1.264 ng/ul

RT: 6.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM023070.D

Acq: 09 Oct 2019 06:34

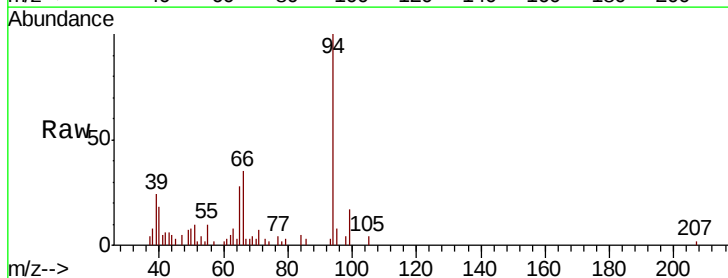
Tgt Ion: 94 Resp: 23816

Ion Ratio Lower Upper

94 100

65 27.8 20.9 31.3

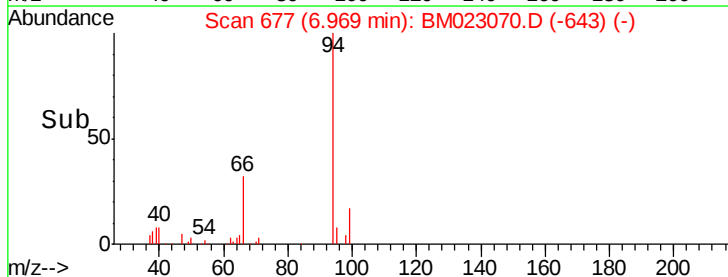
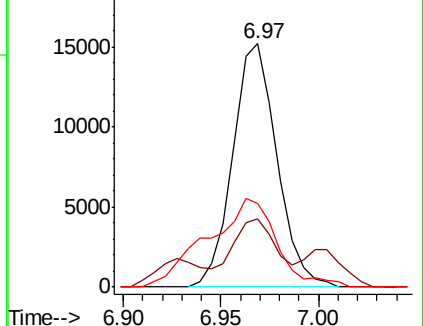
66 34.5 27.2 40.8

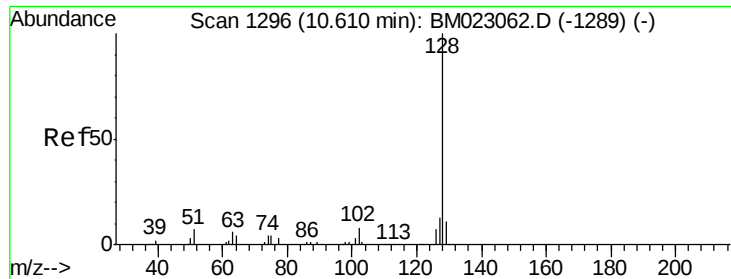


Abundance Ion 94.00 (93.70 to 94.70): BM023062.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM023062.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM023062.D (-670) (-)

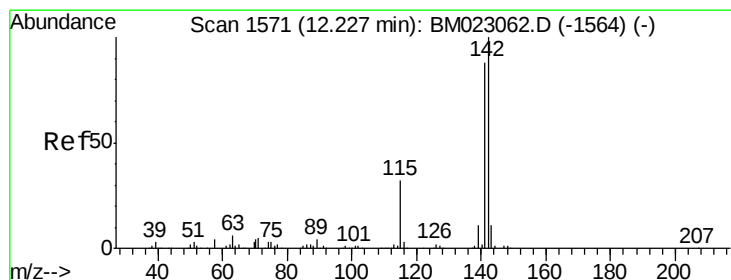
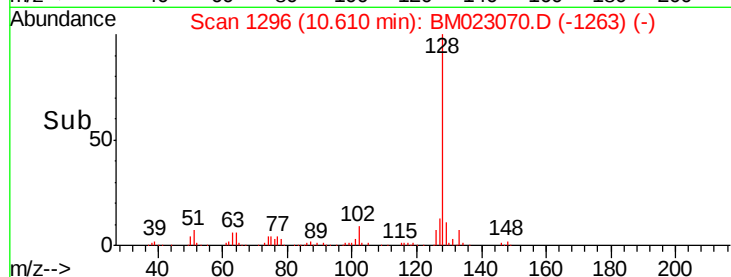
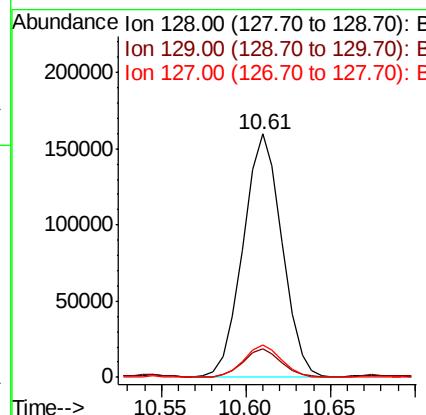
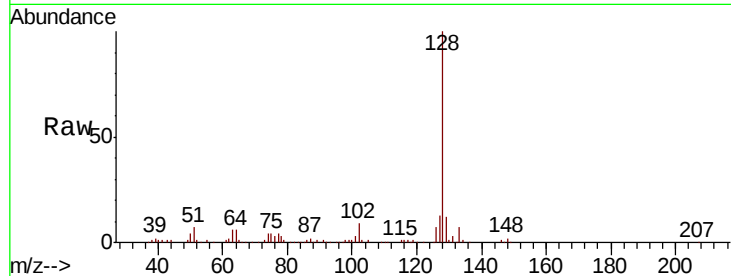




#28
Naphthalene
Concen: 5.622 ng/ul
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM023070.D
Acq: 09 Oct 2019 06:34

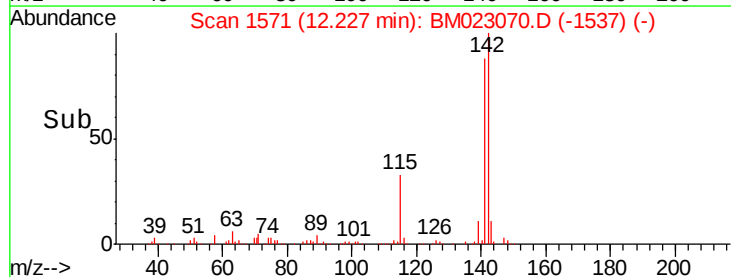
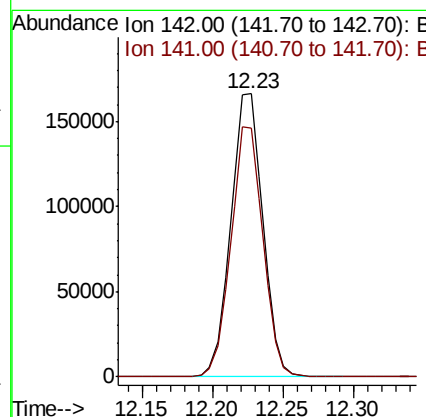
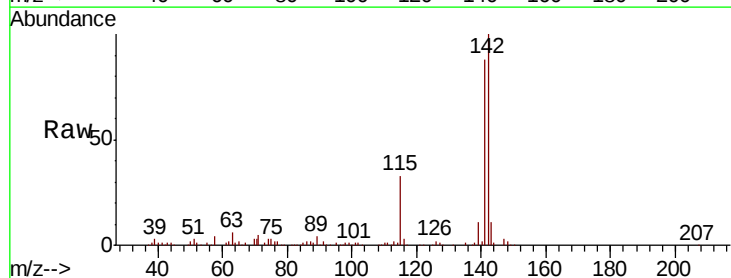
Instrument :
BNA_M
ClientSampleId :
BFDK9

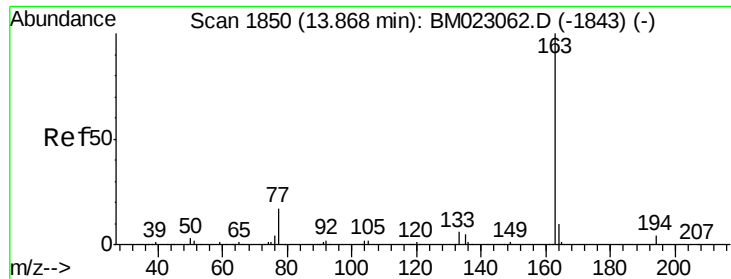
Tot Ion:128 Resp: 257030
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.2 10.2 15.4



#34
2-Methylnaphthalene
Concen: 7.656 ng/ul
RT: 12.23 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BM023070.D
Acq: 09 Oct 2019 06:34

Tgt Ion:142 Resp: 262464
Ion Ratio Lower Upper
142 100
141 88.1 71.2 106.8





#45

Dimethylphthalate

Concen: 15.035 ng/ul

RT: 13.87 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM023070.D

Acq: 09 Oct 2019 06:34

Instrument :

BNA_M

ClientSampled :

BFDK9

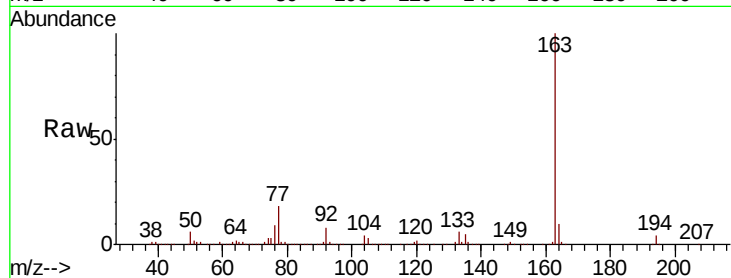
Tot Ion:163 Resp: 582302

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

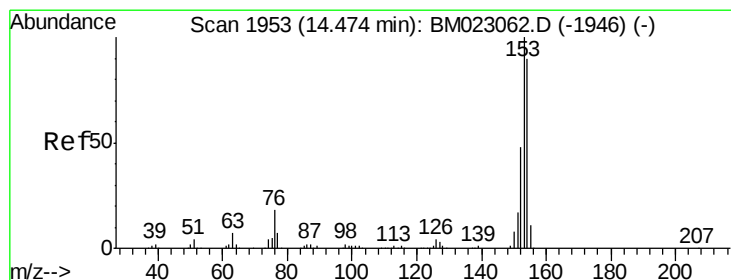
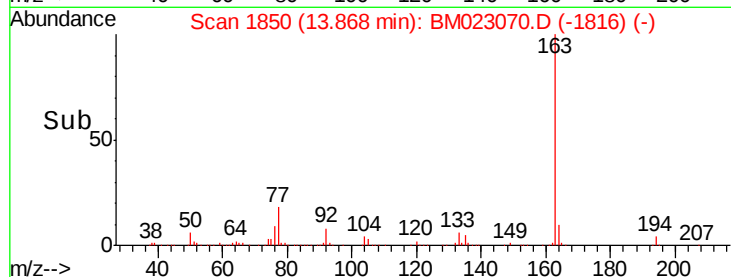
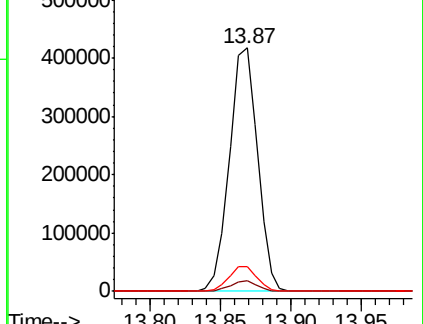
164 10.0 8.1 12.1



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: 3.441 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BM023070.D

Acq: 09 Oct 2019 06:34

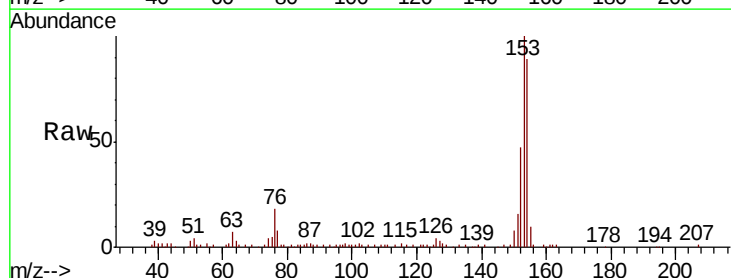
Tgt Ion:153 Resp: 112628

Ion Ratio Lower Upper

153 100

152 47.2 38.1 57.1

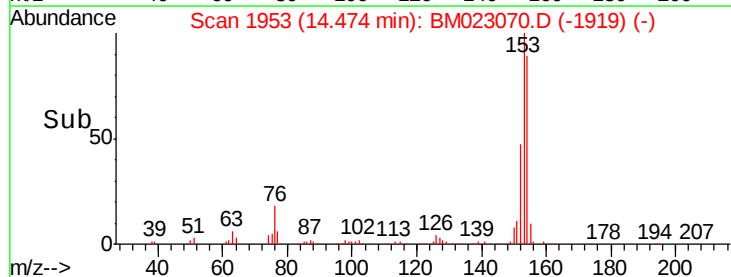
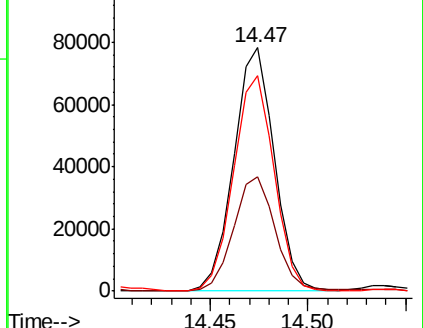
154 88.7 71.1 106.7

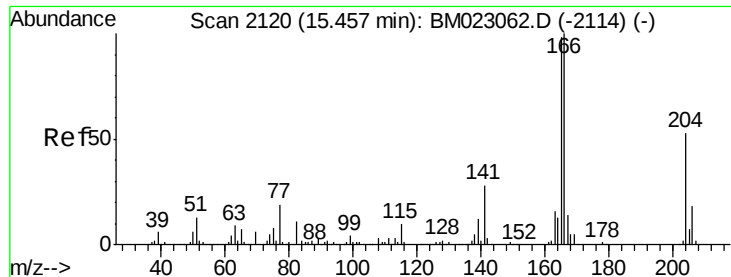


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#59

Fluorene

Concen: 1.281 ng/ul

RT: 15.46 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BM023070.D

Acq: 09 Oct 2019 06:34

Instrument :

BNA_M

ClientSampleId :

BFDK9

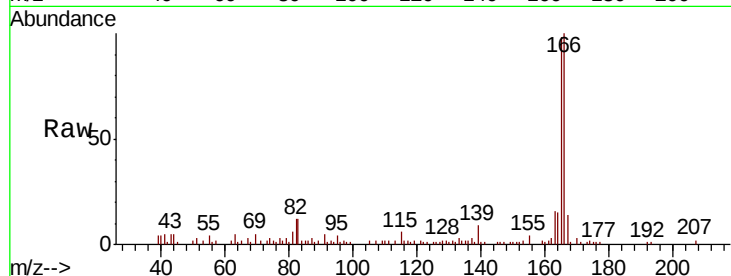
Tot Ion:166 Resp: 48410

Ion Ratio Lower Upper

166 100

165 97.7 77.7 116.5

167 14.3 11.0 16.4

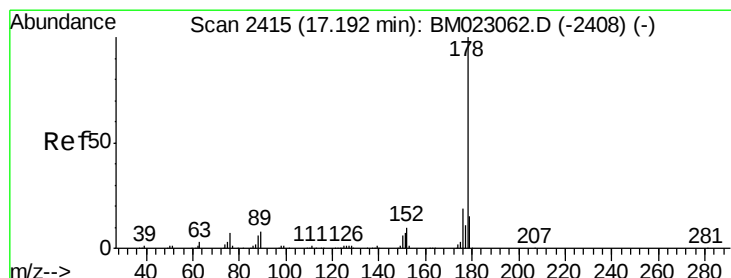
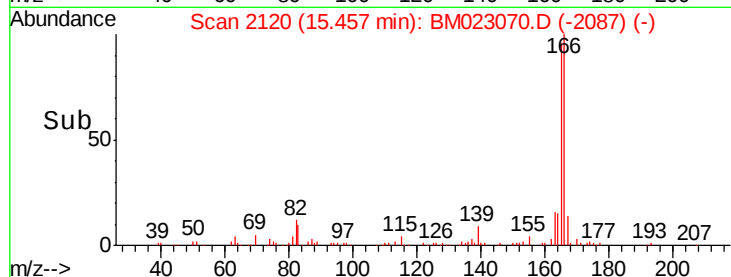
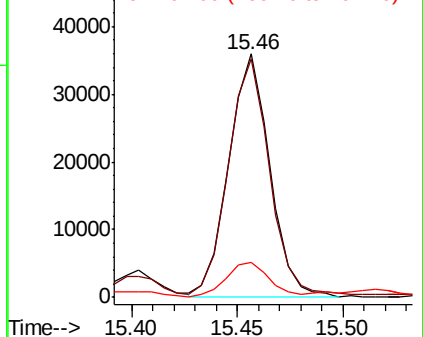


Abundance

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: 2.156 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM023070.D

Acq: 09 Oct 2019 06:34

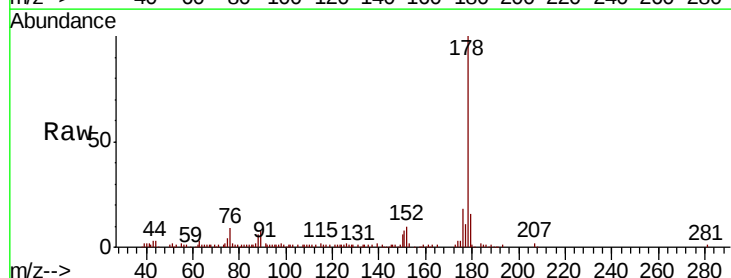
Tgt Ion:178 Resp: 115489

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 18.0 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

