

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023079.D
 Acq On : 09 Oct 2019 12:34
 Operator : JU
 Sample : K5028-12
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDL7

Quant Time: Oct 18 04:50:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	185761	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	788412	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	462584	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	872848	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	832683	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	975366	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	22015	5.13	ng/uL	0.00
5) Phenol-d5	6.94	99	75294	4.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	189454	21.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	224195	16.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	142861	10.63	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	131178	21.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	141586	21.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	266280	20.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	337814	21.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	853444	23.77	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	970686	23.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	24464	3.45	ng/ul	0.00
58) Fluorene-d10	15.40	176	718424	23.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	96054	16.91	ng/ul	0.00
71) Anthracene-d10	17.24	188	1101015	25.83	ng/ul	0.00
79) Pyrene-d10	19.54	212	1184722	26.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1313387	26.03	ng/ul	0.00

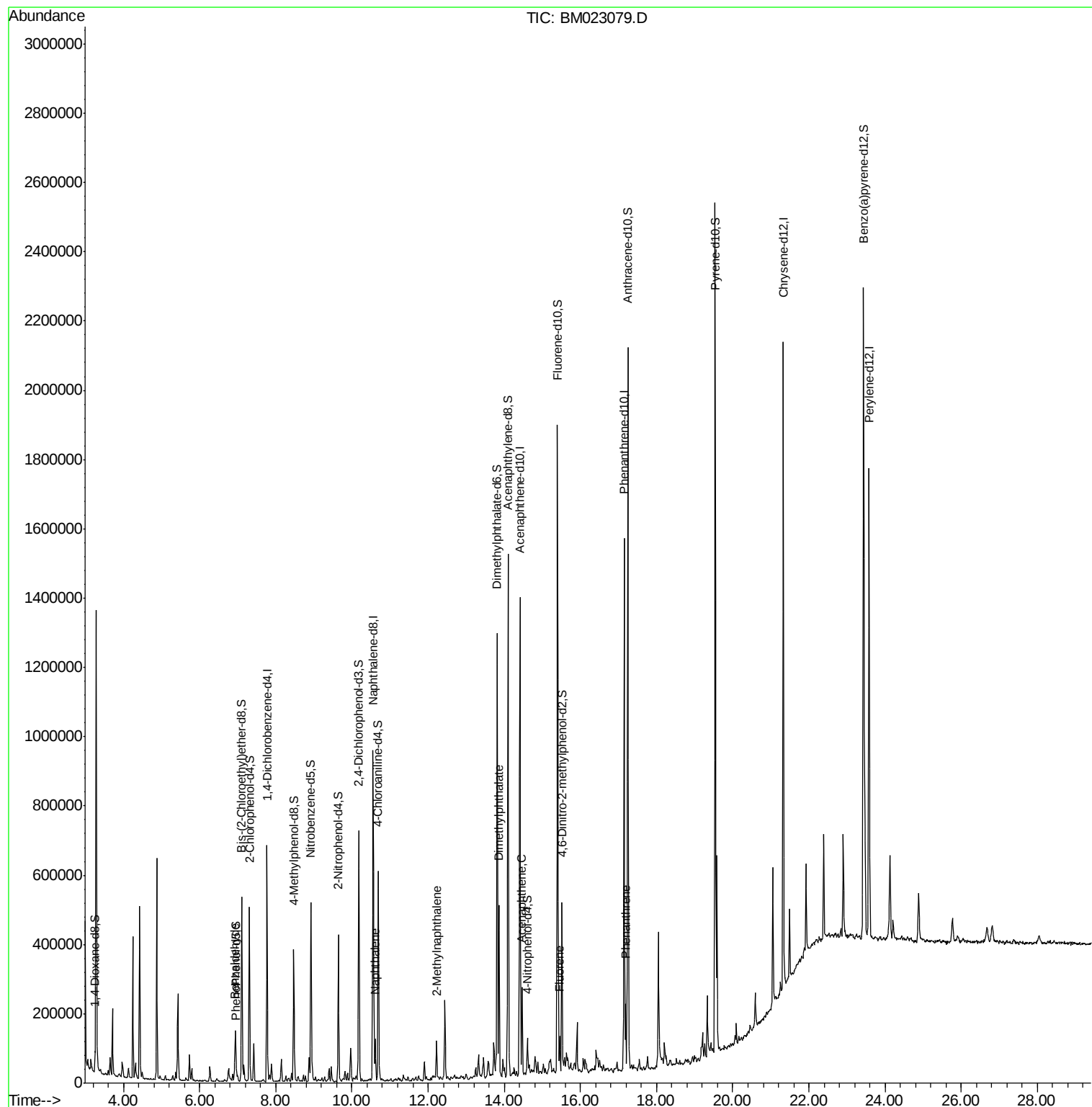
Target Compounds				Ovalue	
4) Benzaldehyde	6.92	77	15511	2.085	ng/ul# 64
6) Phenol	6.97	94	19358	1.125	ng/ul 99
28) Naphthalene	10.61	128	84222	1.978	ng/ul 98
34) 2-Methylnaphthalene	12.22	142	54394	1.704	ng/ul 100
45) Dimethylphthalate	13.86	163	306395	8.308	ng/ul 100
50) Acenaphthene	14.47	153	98944	3.174	ng/ul 99
59) Fluorene	15.46	166	41256	1.147	ng/ul 99
70) Phenanthrene	17.19	178	110315	2.118	ng/ul 100

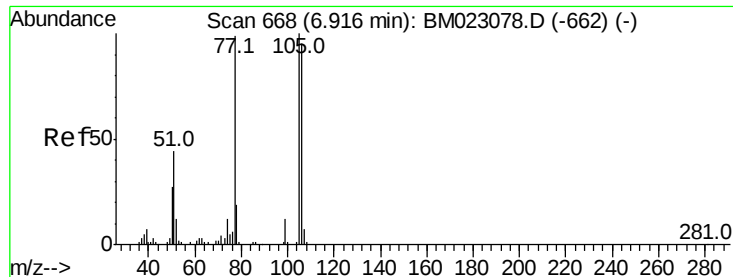
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 2.085 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM023079.D

Acq: 09 Oct 2019 12:34

Instrument :

BNA_M

ClientSampled :

BFDL7

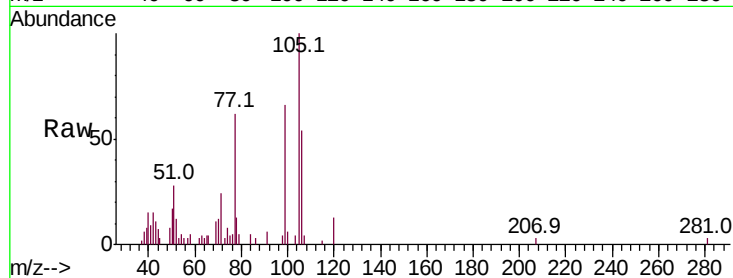
Tot Ion: 77 Resp: 15511

Ion Ratio Lower Upper

77 100

105 161.2 80.6 120.8#

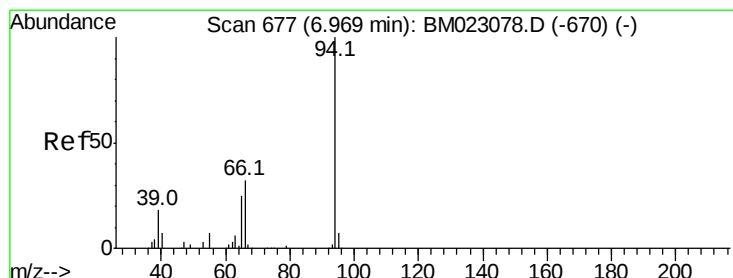
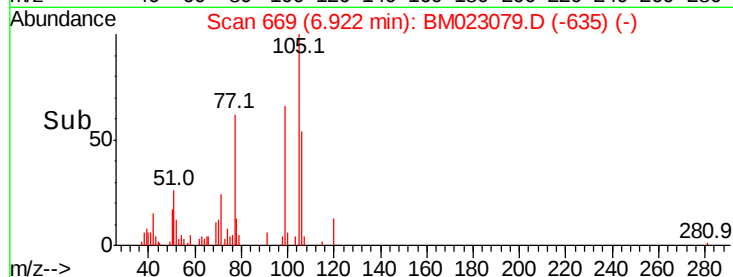
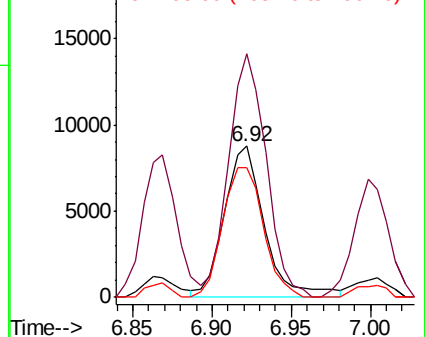
106 86.3 77.0 115.6



Abundance Ion 77.00 (76.70 to 77.70): BM023078.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM023078.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM023078.D (-662) (-)



#6

Phenol

Concen: 1.125 ng/ul

RT: 6.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM023079.D

Acq: 09 Oct 2019 12:34

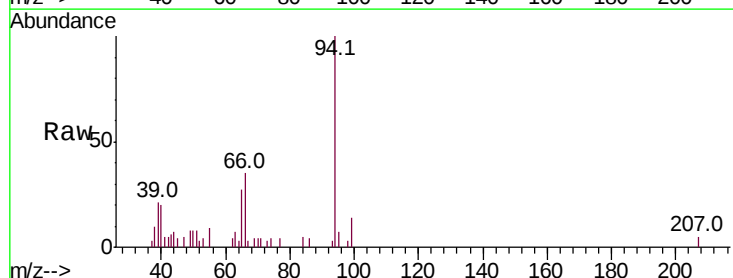
Tgt Ion: 94 Resp: 19358

Ion Ratio Lower Upper

94 100

65 26.7 20.9 31.3

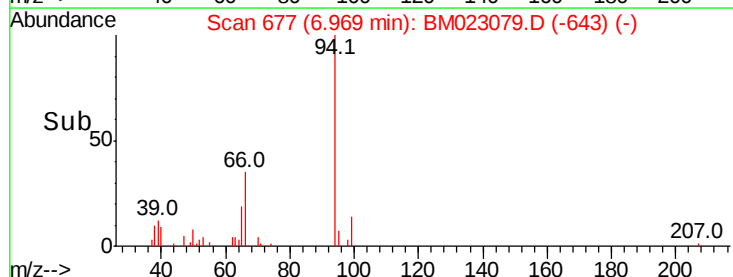
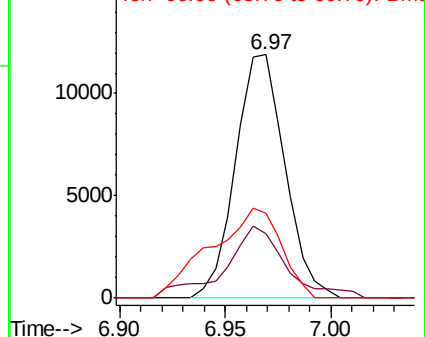
66 34.7 27.2 40.8

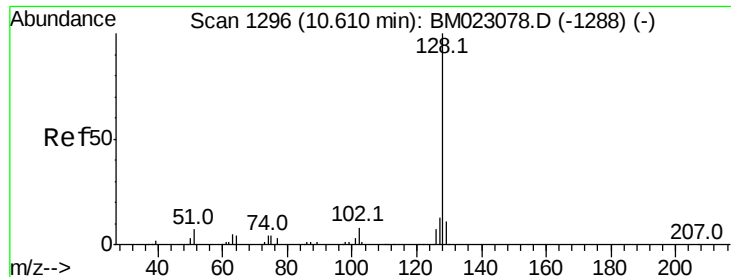


Abundance Ion 94.00 (93.70 to 94.70): BM023078.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM023078.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM023078.D (-670) (-)

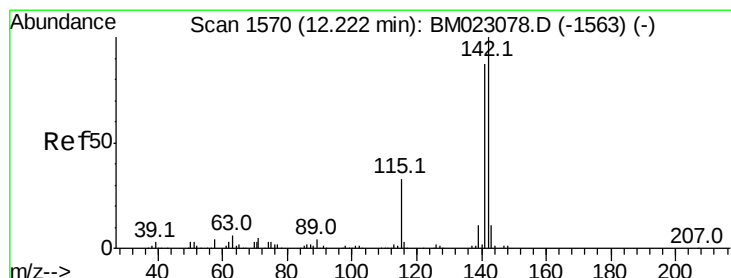
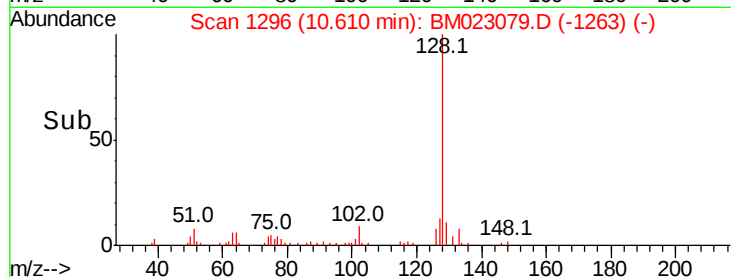
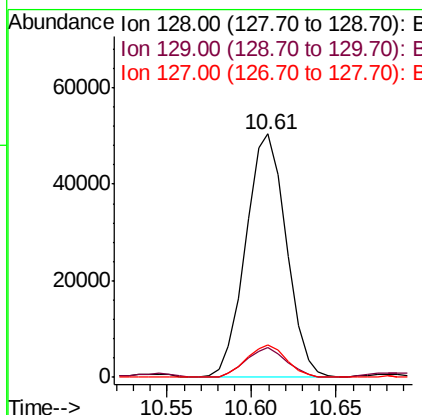
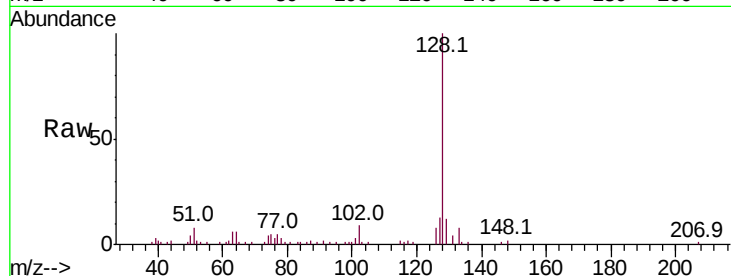




#28
Naphthalene
Concen: 1.978 ng/ul
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM023079.D
Acq: 09 Oct 2019 12:34

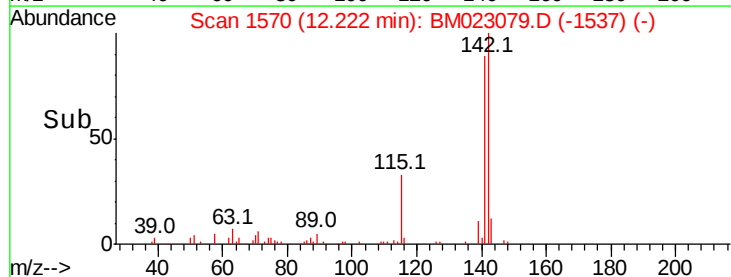
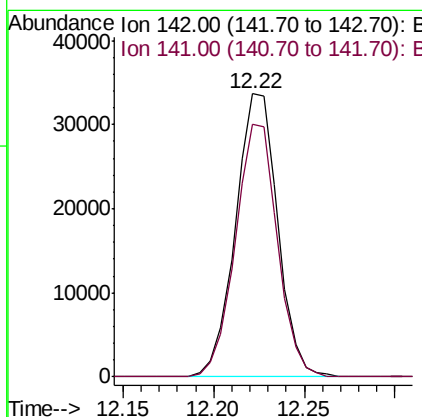
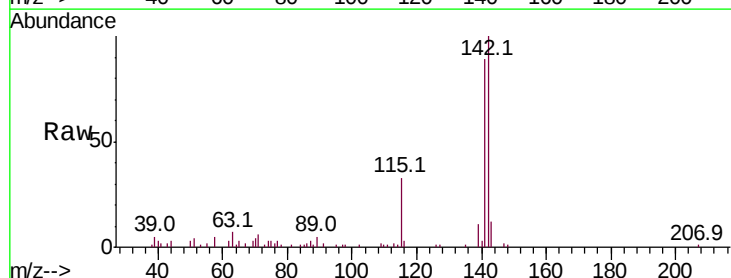
Instrument :
BNA_M
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BFDL7

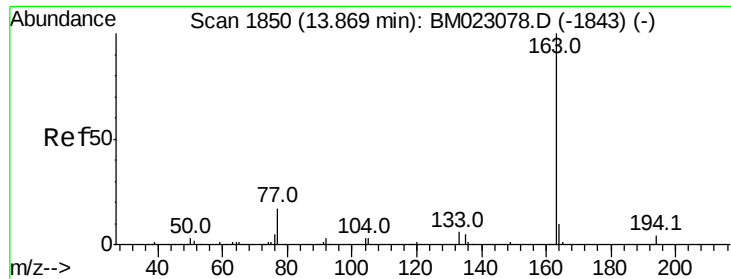
Tot Ion:128 Resp: 84222
Ion Ratio Lower Upper
128 100
129 12.3 8.6 13.0
127 13.1 10.2 15.4



#34
2-Methylnaphthalene
Concen: 1.704 ng/ul
RT: 12.22 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BM023079.D
Acq: 09 Oct 2019 12:34

Tgt Ion:142 Resp: 54394
Ion Ratio Lower Upper
142 100
141 89.3 71.2 106.8

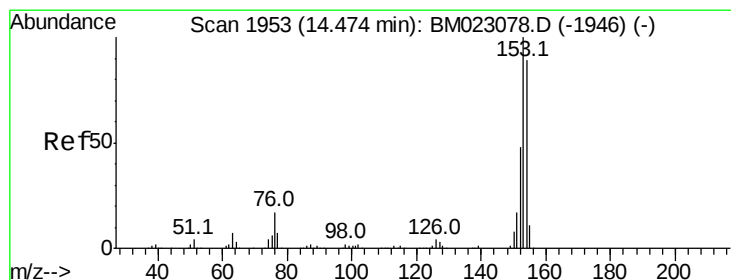
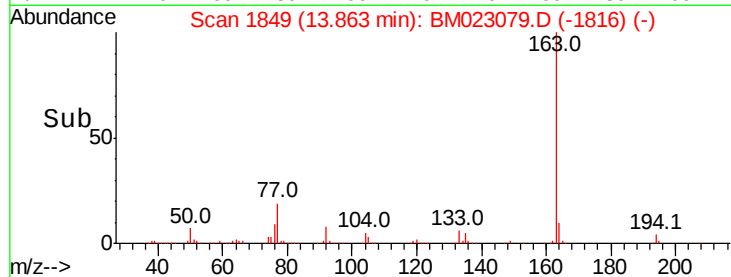
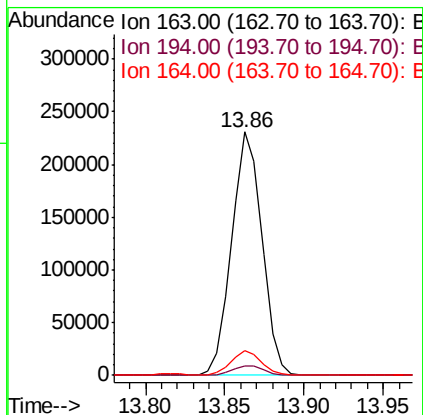
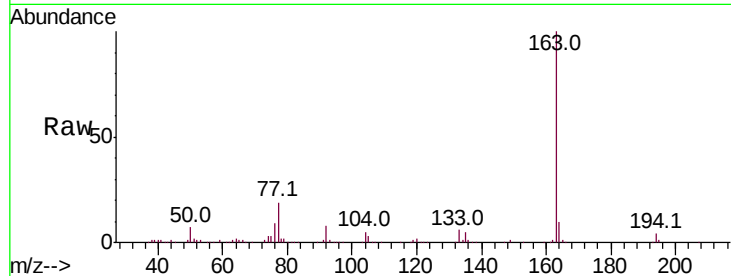




#45
Dimethylphthalate
Concen: 8.308 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM023079.D
Acq: 09 Oct 2019 12:34

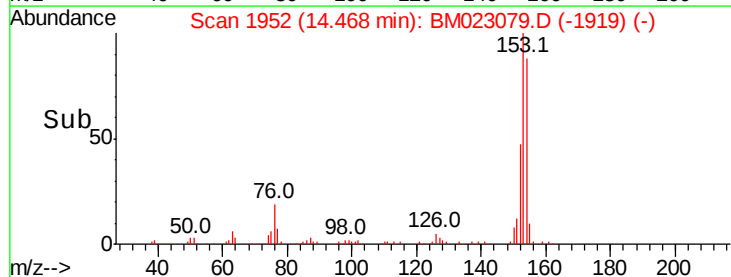
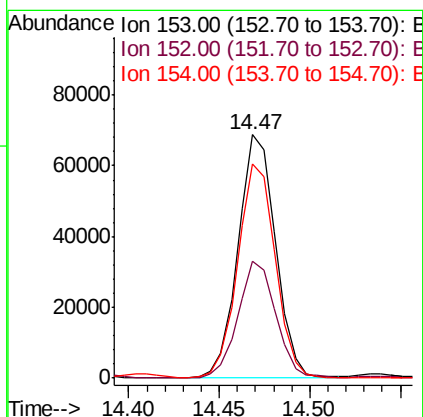
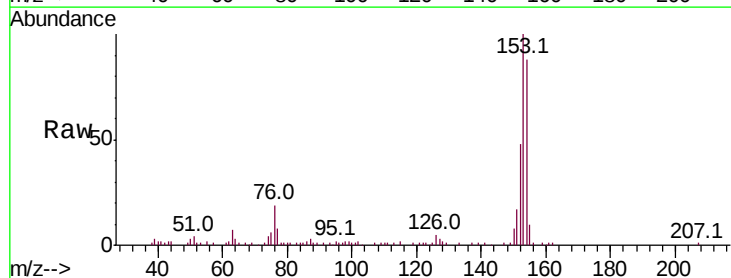
Instrument :
BNA_M
ClientSampleId :
BFDL7

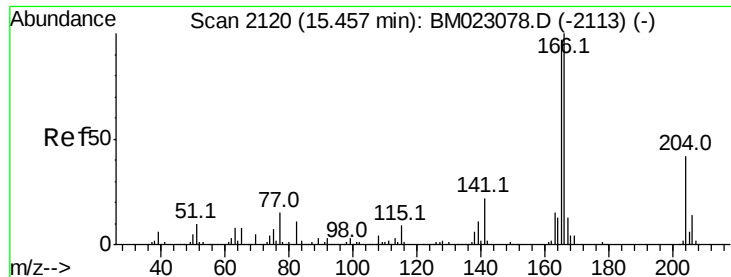
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.1	8.1	12.1



#50
Acenaphthene
Concen: 3.174 ng/ul
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM023079.D
Acq: 09 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.0	38.1	57.1
154	87.8	71.1	106.7





#59

Fluorene

Concen: 1.147 ng/ul

RT: 15.46 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BM023079.D

Acq: 09 Oct 2019 12:34

Instrument :

BNA_M

ClientSampleId :

BFDL7

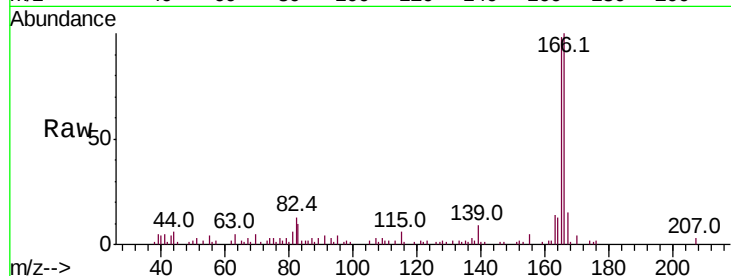
Tot Ion:166 Resp: 41256

Ion Ratio Lower Upper

166 100

165 97.8 77.7 116.5

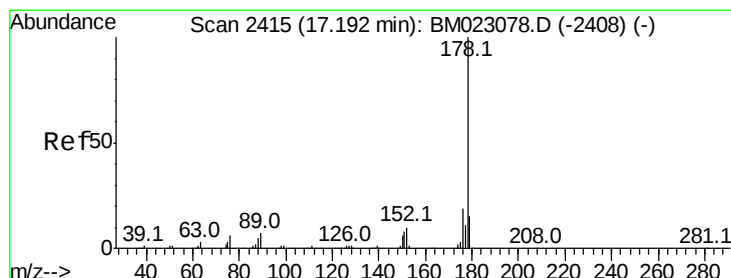
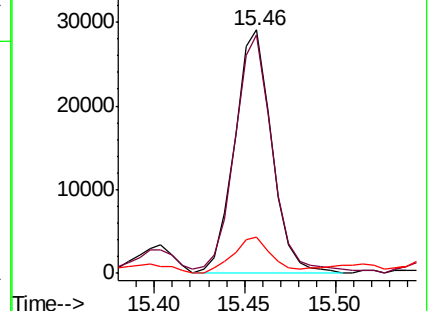
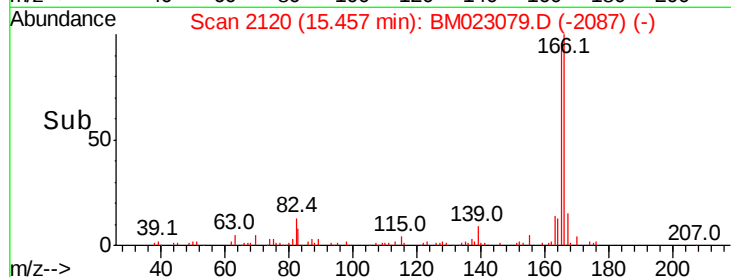
167 14.7 11.0 16.4



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: 2.118 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM023079.D

Acq: 09 Oct 2019 12:34

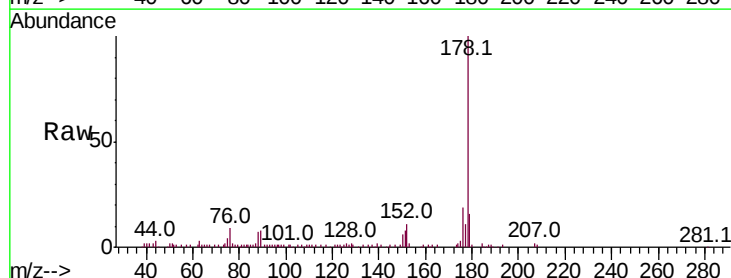
Tgt Ion:178 Resp: 110315

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.4 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

