

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
 Data File : BM023171.D
 Acq On : 15 Oct 2019 17:58
 Operator : JU
 Sample : K5028-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDL9

Quant Time: Oct 16 12:01:48 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	370408	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1600285	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1043432	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	2267987	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	2493374	20.00	ng/ul	0.00
86) Perylene-d12	23.48	264	2689778	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	10155	1.21	ng/uL	0.00
5) Phenol-d5	6.86	99	193674	6.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	441906	24.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	483100	19.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	345106	13.32	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	283134	26.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	271183	26.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	603939	23.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	431814	13.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	2072483	25.92	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2315877	24.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	70524	5.45	ng/ul	0.00
58) Fluorene-d10	15.33	176	1748204	25.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	194315	21.61	ng/ul	-0.01
71) Anthracene-d10	17.17	188	2848788	26.05	ng/ul	-0.01
79) Pyrene-d10	19.47	212	3367103	27.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	3627079	26.60	ng/ul	-0.01

Target Compounds

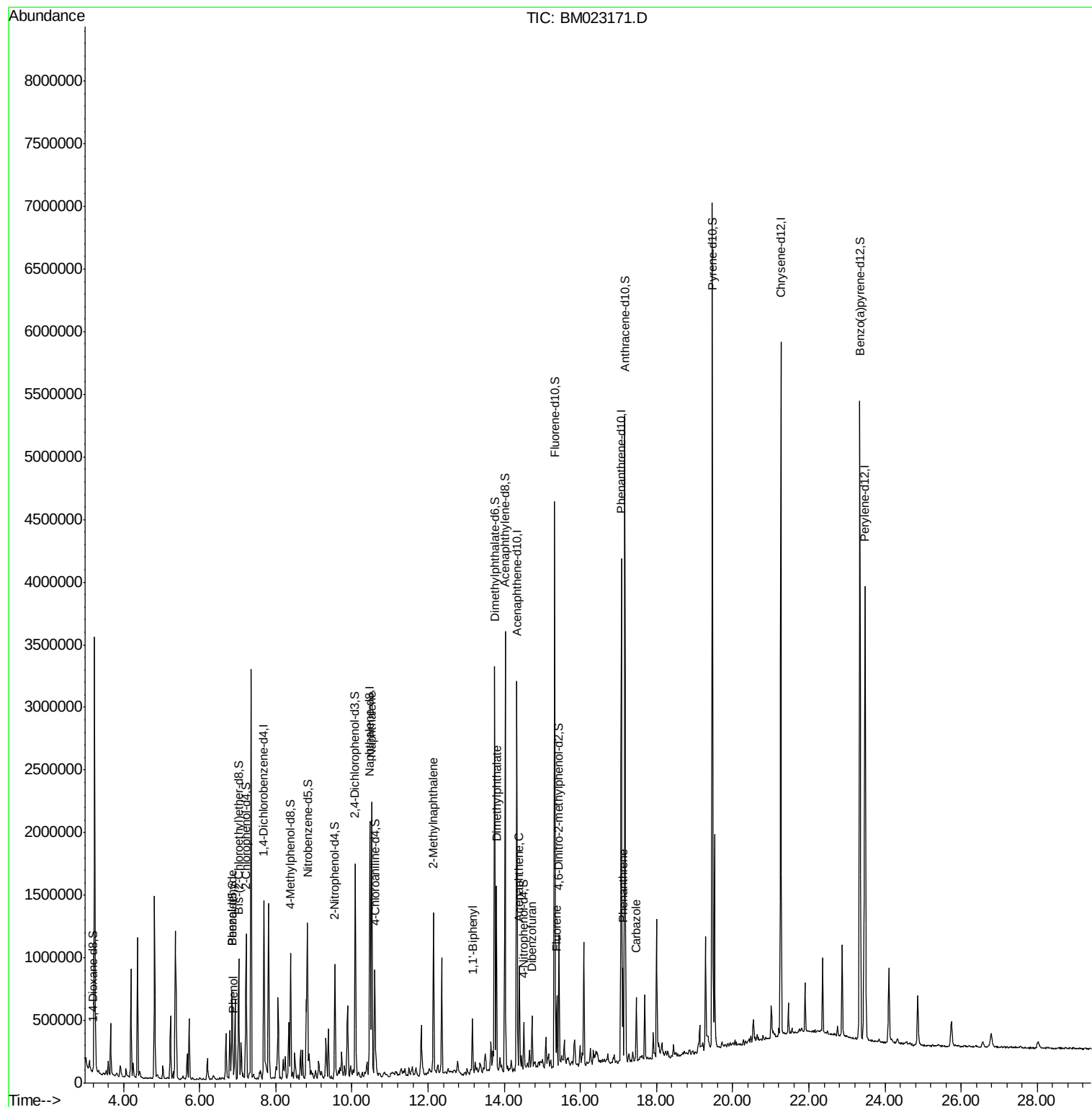
					Ovalue	
4) Benzaldehyde	6.85	77	44955	2.121	ng/ul#	1
6) Phenol	6.88	94	44081	1.325	ng/ul	96
28) Naphthalene	10.52	128	1720897	20.805	ng/ul	99
34) 2-Methylnaphthalene	12.14	142	591555	9.611	ng/ul	100
41) 1,1'-Biphenyl	13.16	154	206698	2.603	ng/ul	99
45) Dimethylphthalate	13.79	163	889512	11.114	ng/ul	100
50) Acenaphthene	14.39	153	319695	4.788	ng/ul	99
54) Dibenzofuran	14.73	168	221932	2.341	ng/ul	98
59) Fluorene	15.38	166	234028	3.009	ng/ul	97
70) Phenanthrene	17.12	178	445762	3.502	ng/ul	100
75) Carbazole	17.47	167	305623	2.601	ng/ul	99

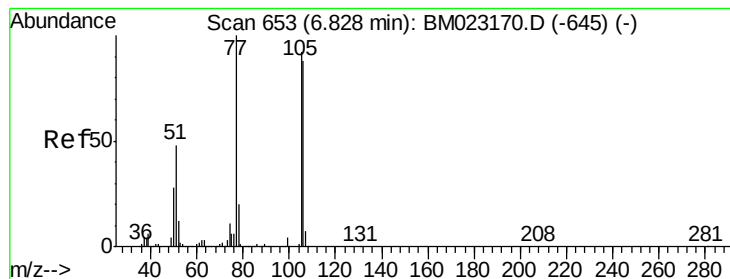
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023171.D
Acq On : 15 Oct 2019 17:58
Operator : JU
Sample : K5028-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFDL9

Quant Time: Oct 16 12:01:48 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





#4

Benzaldehyde

Concen: 2.121 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.02 min

Lab File: BM023171.D

Acq: 15 Oct 2019 17:58

Instrument :

BNA_M

ClientSampleId :

BFDL9

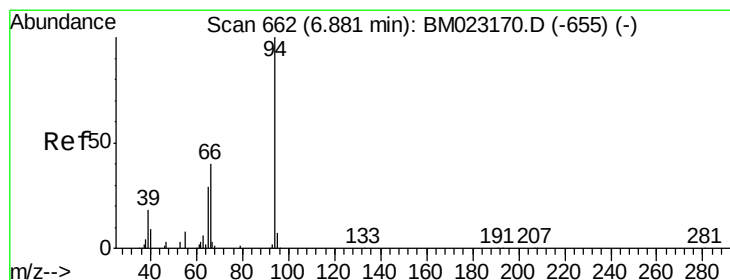
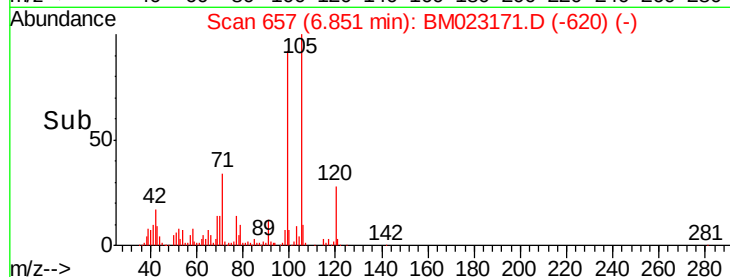
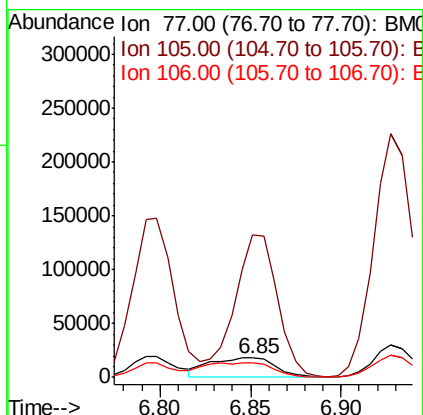
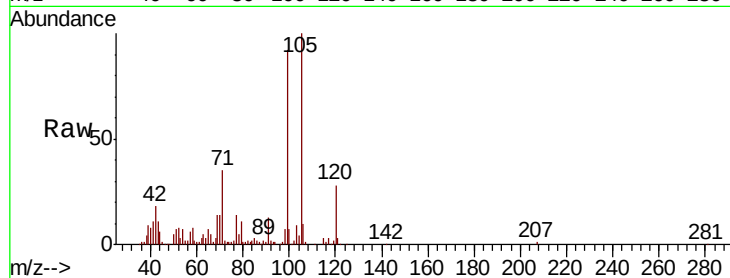
Tot Ion: 77 Resp: 44955

Ion Ratio Lower Upper

77 100

105 728.5 74.6 111.8#

106 73.2 70.2 105.2



#6

Phenol

Concen: 1.325 ng/ul

RT: 6.88 min Scan# 662

Delta R.T. -0.01 min

Lab File: BM023171.D

Acq: 15 Oct 2019 17:58

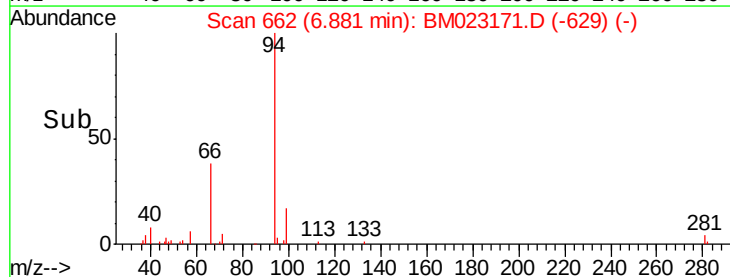
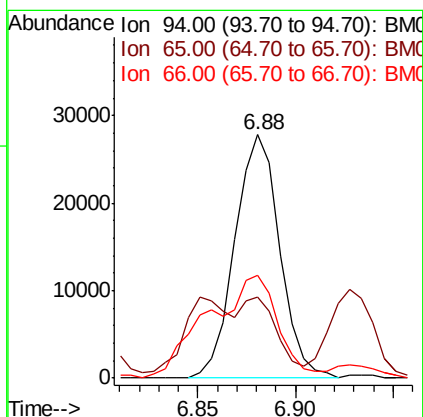
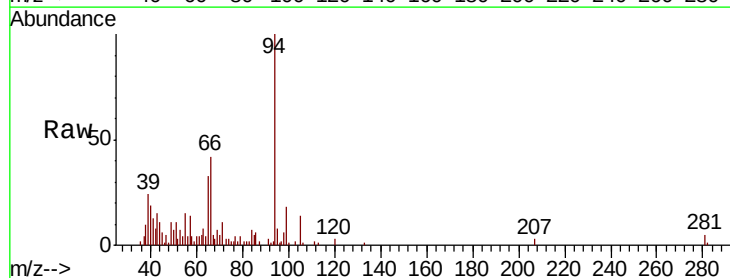
Tgt Ion: 94 Resp: 44081

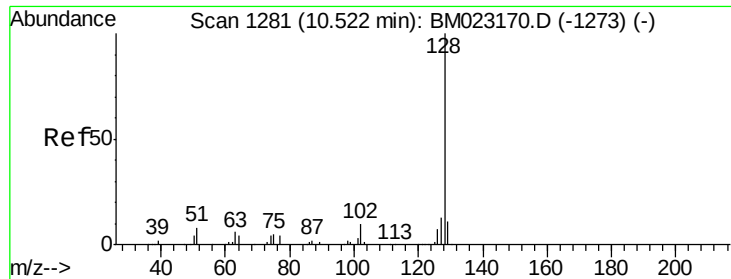
Ion Ratio Lower Upper

94 100

65 33.2 23.7 35.5

66 42.0 32.9 49.3

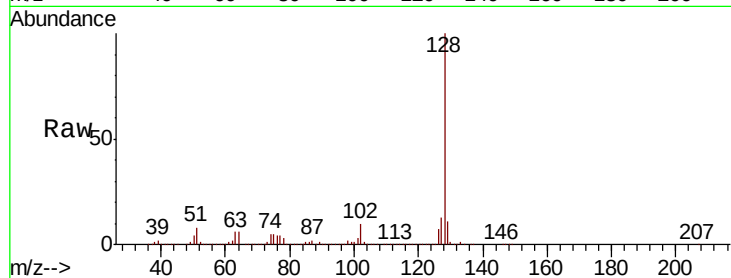




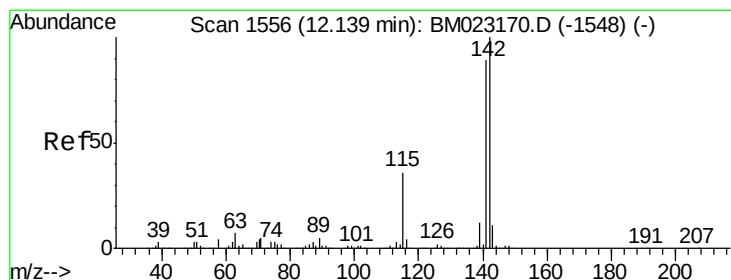
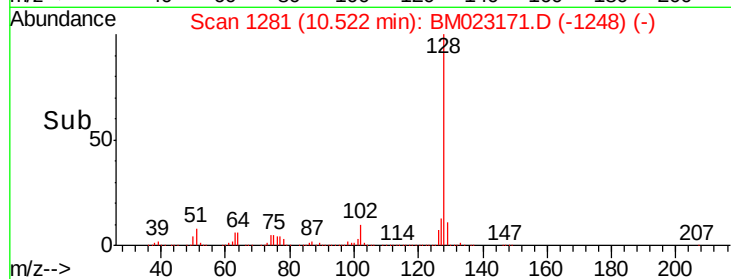
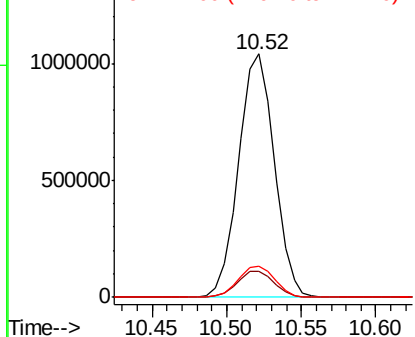
#28
Naphthalene
Concen: 20.805 ng/ul
RT: 10.52 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BM023171.D
Acq: 15 Oct 2019 17:58

Instrument :
BNA_M
ClientSampleId :
BFDL9

Tot Ion:128 Resp: 1720897
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 12.9 10.2 15.4

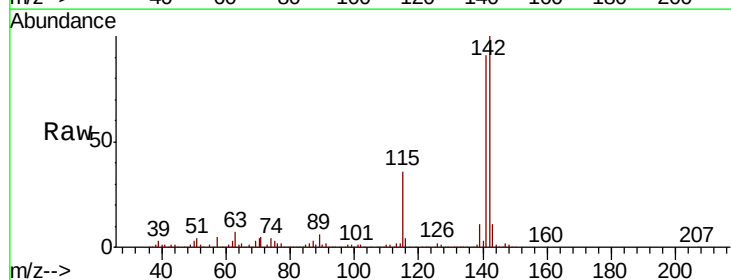


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

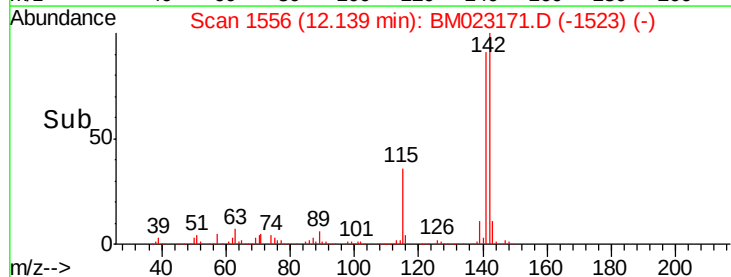
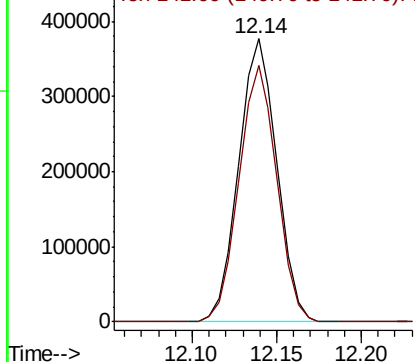


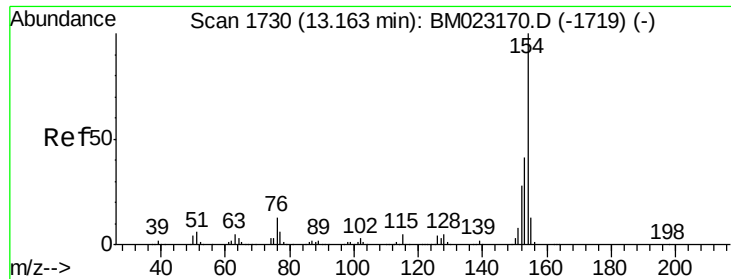
#34
2-Methylnaphthalene
Concen: 9.611 ng/ul
RT: 12.14 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM023171.D
Acq: 15 Oct 2019 17:58

Tgt Ion:142 Resp: 591555
Ion Ratio Lower Upper
142 100
141 90.6 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#41

1,1'-Biphenyl

Concen: 2.603 ng/ul

RT: 13.16 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BM023171.D

Acq: 15 Oct 2019 17:58

Instrument :

BNA_M

ClientSampleId :

BFDL9

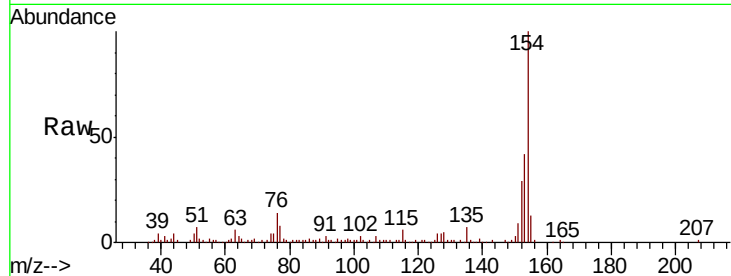
Tot Ion:154 Resp: 206698

Ion Ratio Lower Upper

154 100

153 41.9 33.1 49.7

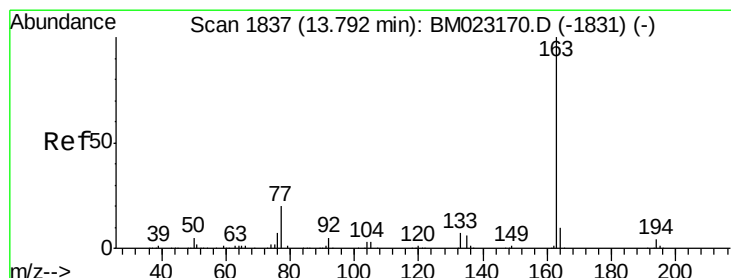
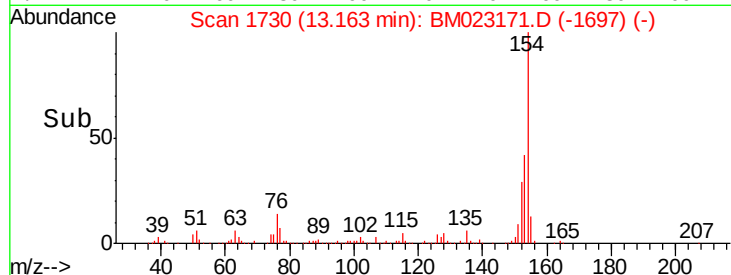
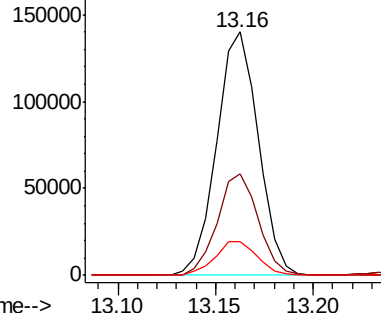
76 14.1 10.6 15.8



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): BM



#45

Dimethylphthalate

Concen: 11.114 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM023171.D

Acq: 15 Oct 2019 17:58

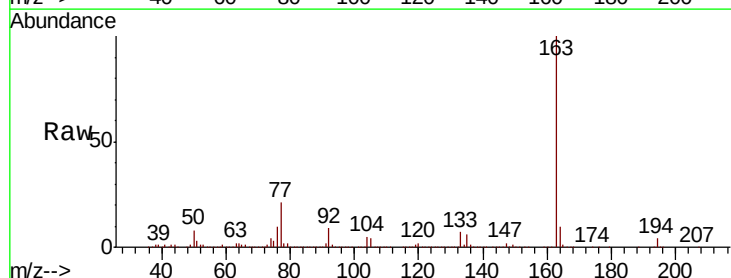
Tgt Ion:163 Resp: 889512

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

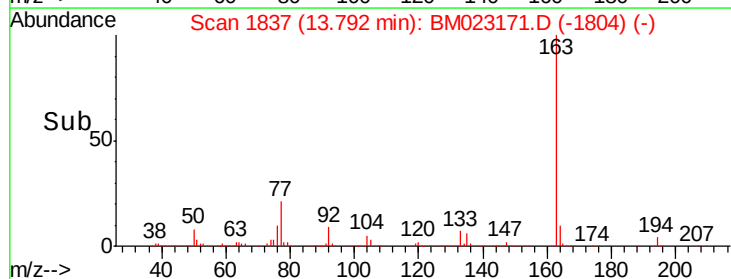
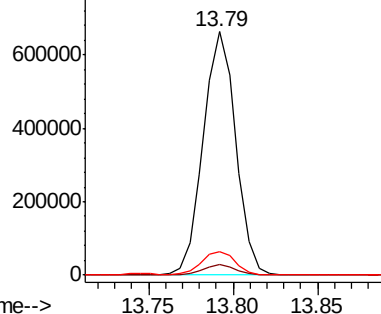
164 9.9 8.0 12.0

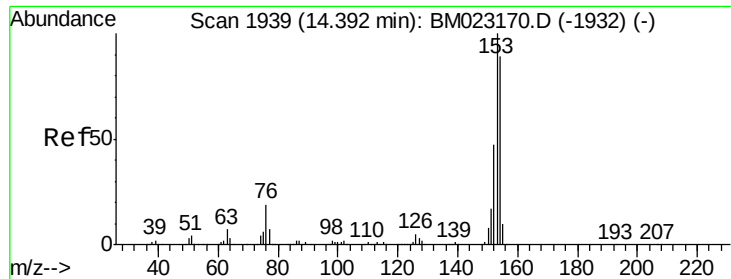


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 4.788 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM023171.D

Acq: 15 Oct 2019 17:58

Instrument :

BNA_M

ClientSampleId :

BFDL9

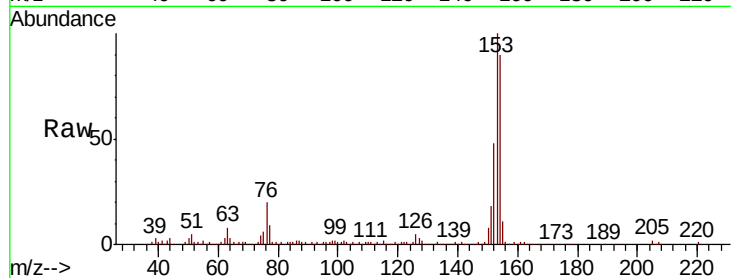
Tot Ion:153 Resp: 319695

Ion Ratio Lower Upper

153 100

152 47.5 38.0 57.0

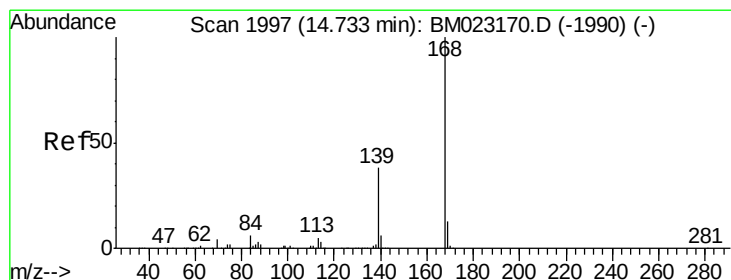
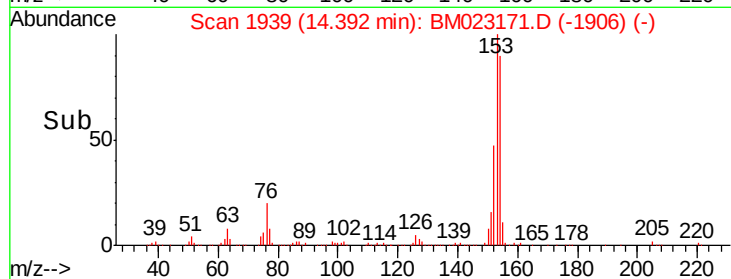
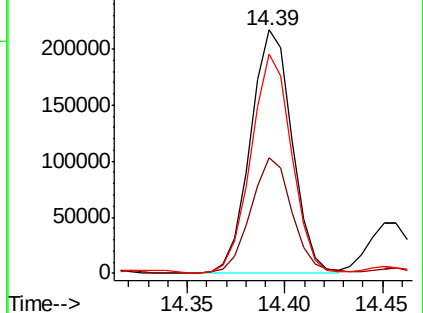
154 90.1 70.4 105.6



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



#54

Dibenzofuran

Concen: 2.341 ng/ul

RT: 14.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BM023171.D

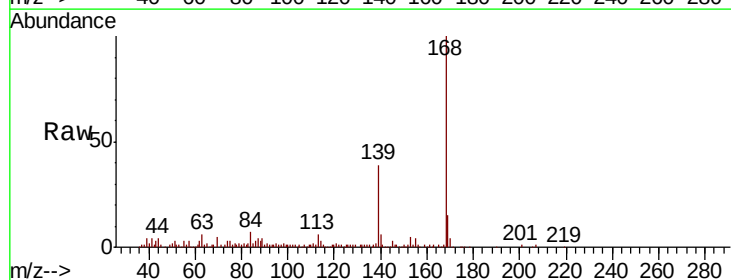
Acq: 15 Oct 2019 17:58

Tgt Ion:168 Resp: 221932

Ion Ratio Lower Upper

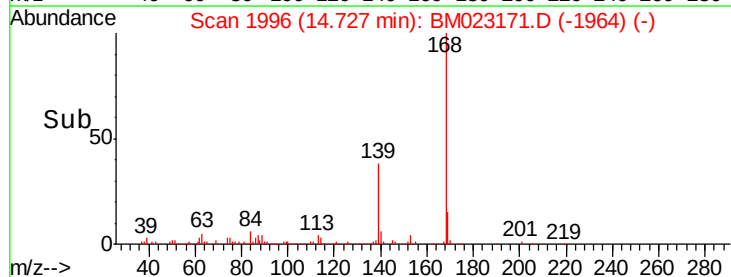
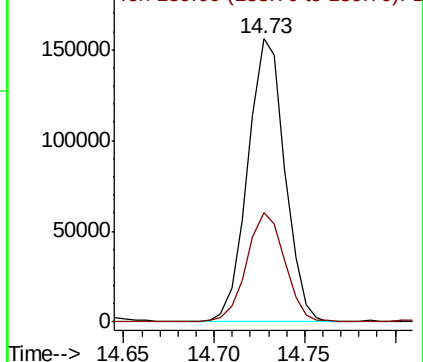
168 100

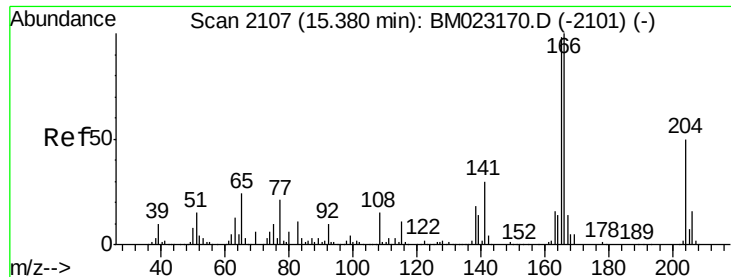
139 38.8 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

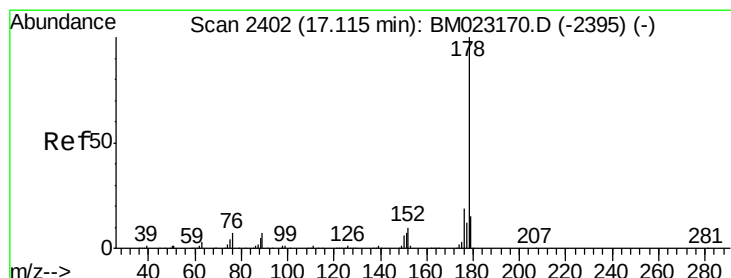
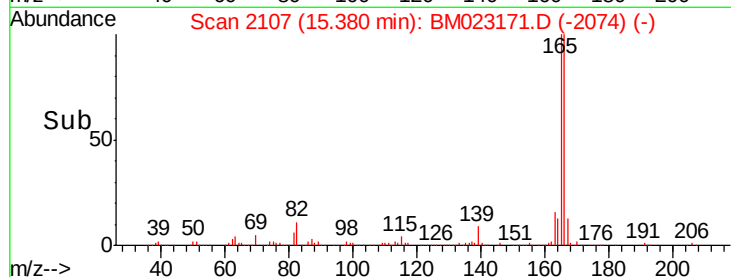
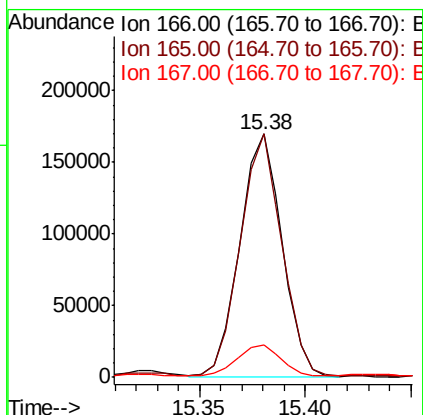
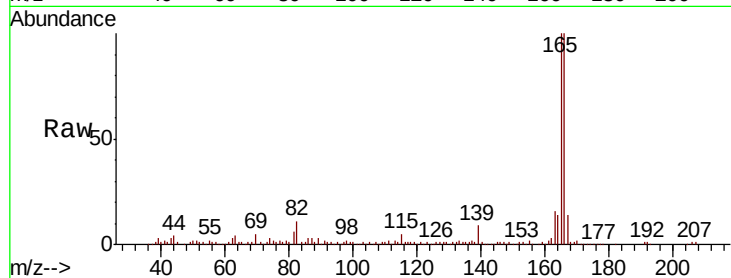




#59
 Fluorene
 Concen: 3.009 ng/ul
 RT: 15.38 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BM023171.D
 Acq: 15 Oct 2019 17:58

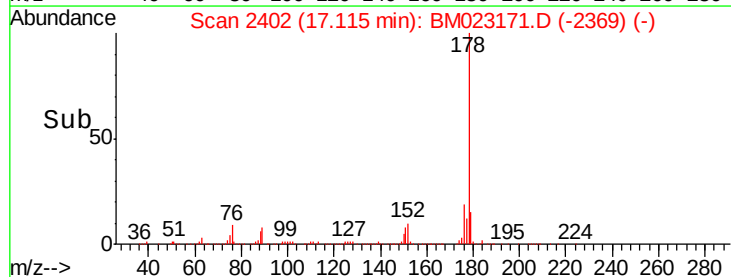
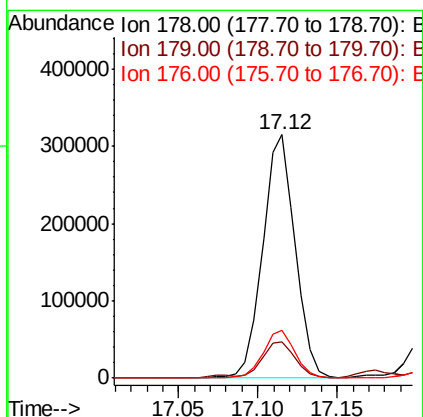
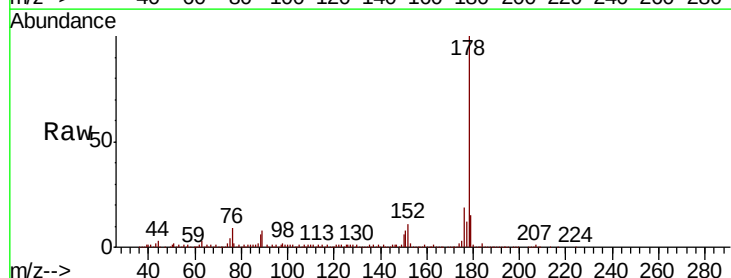
Instrument :
 BNA_M
 ClientSampleId :
 BFDL9

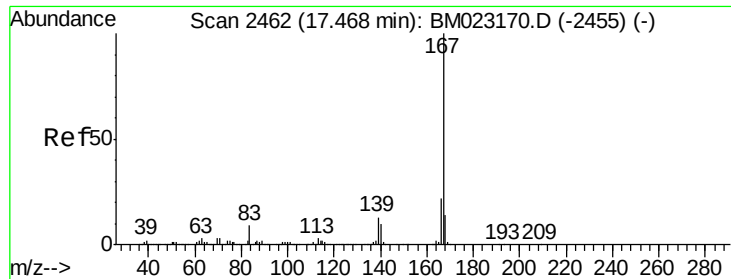
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.2	77.4	116.0
167	13.6	10.8	16.2



#70
 Phenanthrene
 Concen: 3.502 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BM023171.D
 Acq: 15 Oct 2019 17:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	19.5	15.5	23.3





#75

Carbazole

Concen: 2.601 ng/ul

RT: 17.47 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BM023171.D

Acq: 15 Oct 2019 17:58

Instrument :

BNA_M

ClientSampleId :

BFDL9

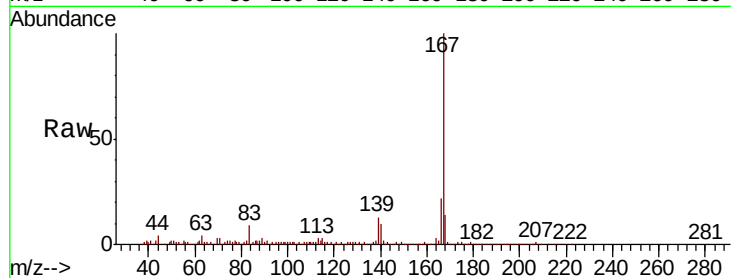
Tot Ion:167 Resp: 305623

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

139 13.0 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

