

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
 Data File : BM022681.D
 Acq On : 13 Sep 2019 17:47
 Operator : HP/JU
 Sample : K4706-09DL2 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 14 00:42:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 09 07:45:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	256570	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.63	136	1120218	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.47	164	697421	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.21	188	1411975	20.00	ng/ul	-0.01
78) Chrysene-d12	21.39	240	1136458	20.00	ng/ul	-0.01
86) Perylene-d12	23.67	264	1101181	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.00	99	6832	0.29	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	19274	1.42	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	18645	1.00	ng/ul	-0.02
13) 4-Methylphenol-d8	8.53	113	11703	0.61	ng/ul	-0.02
19) Nitrobenzene-d5	8.99	128	11939	1.48	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.72	143	8441	1.13	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.25	165	19085	1.01	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.76	131	5142	0.21	ng/ul	-0.02
44) Dimethylphthalate-d6	13.88	166	83316	1.47	ng/ul	-0.01
47) Acenaphthylene-d8	14.16	160	81229	1.20	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.65	143	1741	0.18	ng/ul	-0.01
58) Fluorene-d10	15.46	176	72142	1.52	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.57	200	5063	0.79	ng/ul	-0.02
71) Anthracene-d10	17.30	188	109397	1.51	ng/ul	-0.02
79) Pyrene-d10	19.60	212	107753	1.71	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.52	264	77246	1.31	ng/ul	-0.02

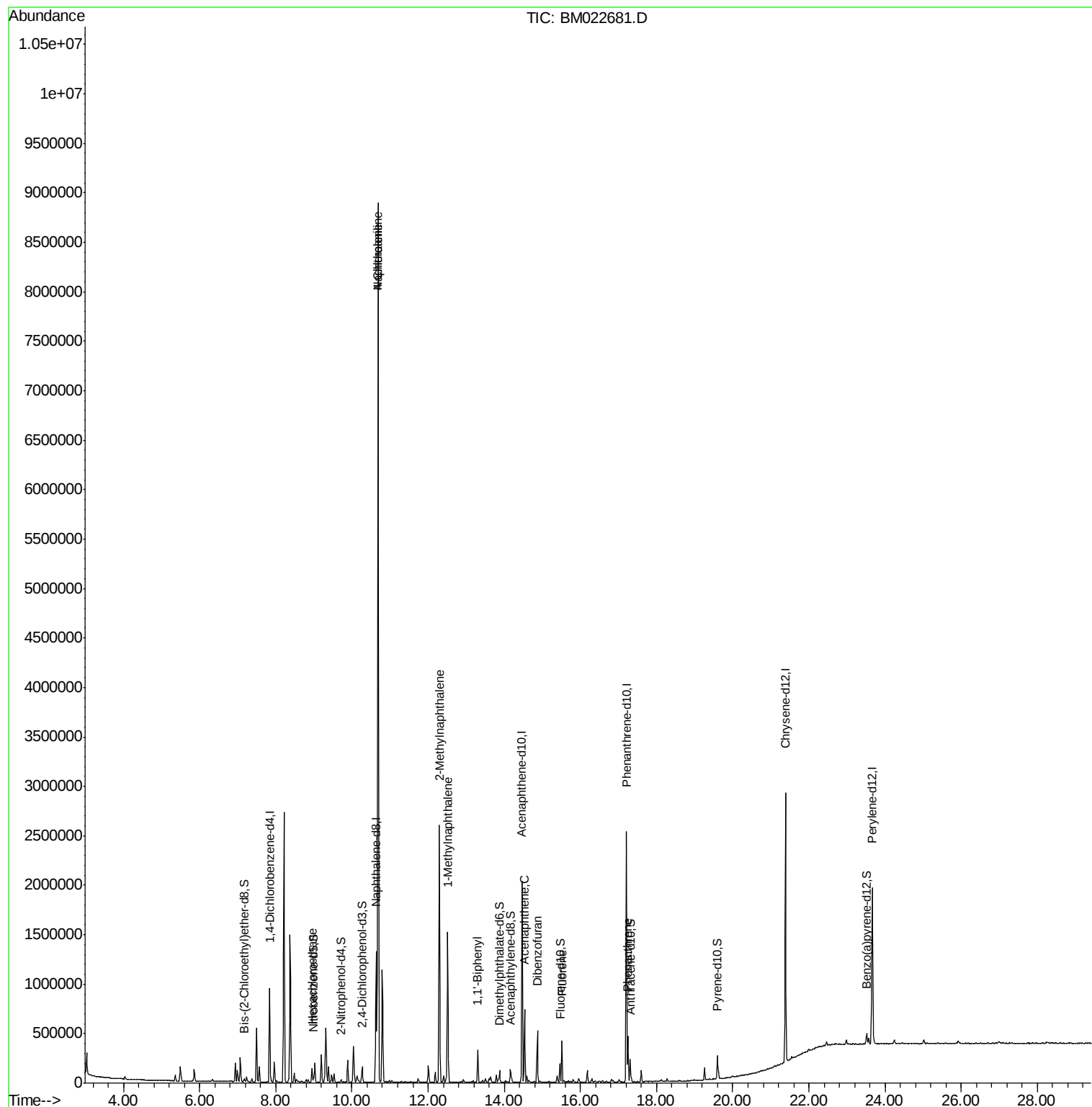
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
17) Hexachloroethane	8.95	117	24790	3.185	ng/ul#	9
28) Naphthalene	10.69	128	7487718	120.560	ng/ul	100
30) 4-Chloroaniline	10.69	127	990988	38.597	ng/ul#	4
34) 2-Methylnaphthalene	12.29	142	1272944	27.204	ng/ul	99
35) 1-Methylnaphthalene	12.52	142	702190	15.707	ng/ul	99
41) 1,1'-Biphenyl	13.30	154	167606	2.886	ng/ul	99
50) Acenaphthene	14.53	153	289240	5.947	ng/ul	98
54) Dibenzofuran	14.87	168	320734	4.752	ng/ul	99
59) Fluorene	15.52	166	178708	3.218	ng/ul	99
70) Phenanthrene	17.25	178	269816	3.121	ng/ul	99

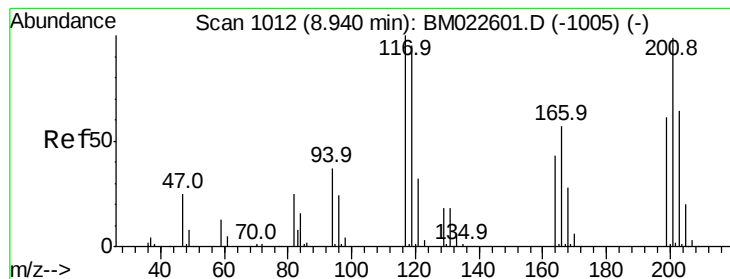
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Hexachloroethane

Concen: 3.185 ng/ul

RT: 8.95 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BM022681.D

Acq: 13 Sep 2019 17:47

Instrument :

BNA_M

ClientSampleId :

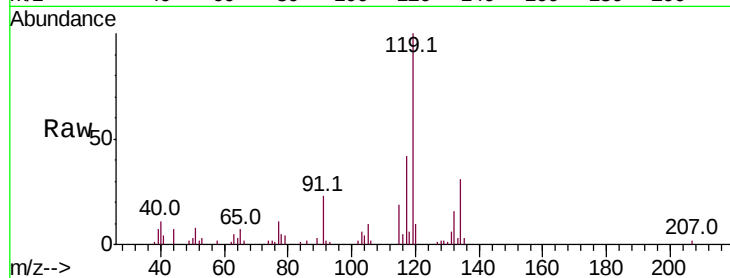
Tot Ion:117 Resp: 24790

Ion Ratio Lower Upper

117 100

201 0.0 77.6 116.4#

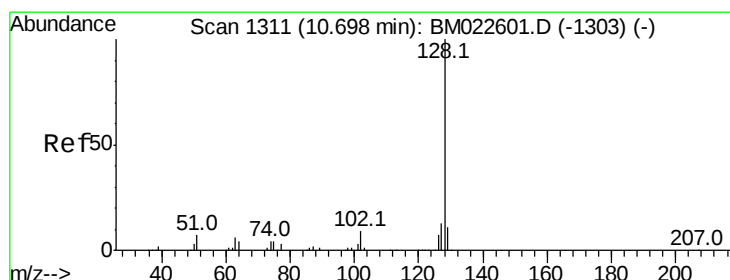
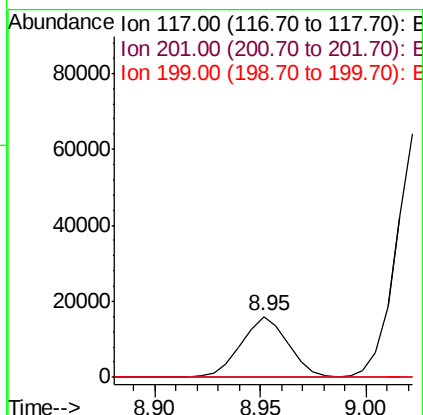
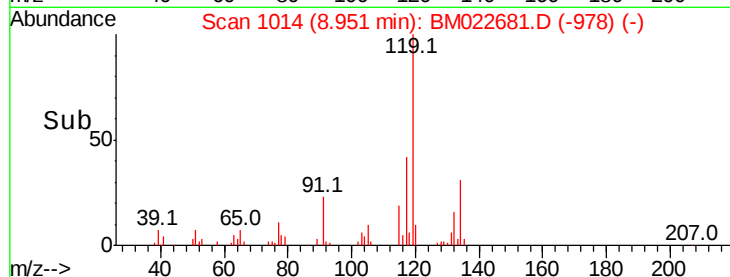
199 0.0 47.6 71.4#



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



#28

Naphthalene

Concen: 120.560 ng/ul

RT: 10.69 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BM022681.D

Acq: 13 Sep 2019 17:47

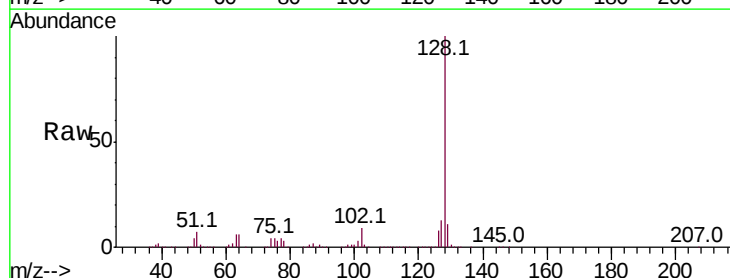
Tgt Ion:128 Resp: 7487718

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

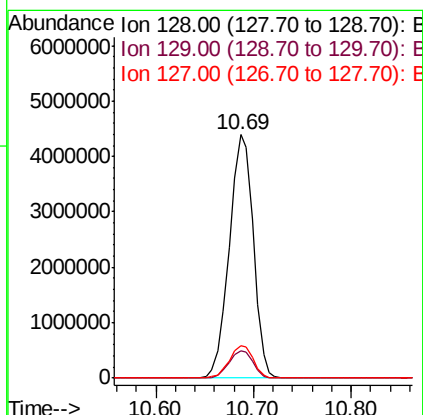
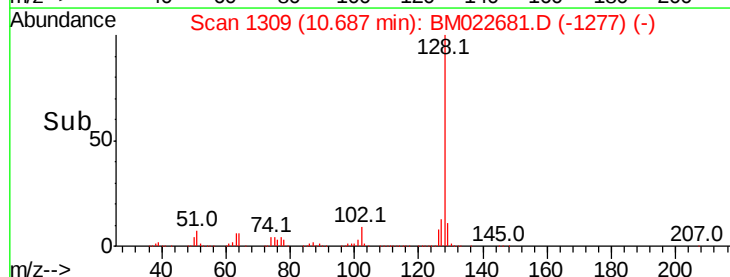
127 13.4 10.6 16.0

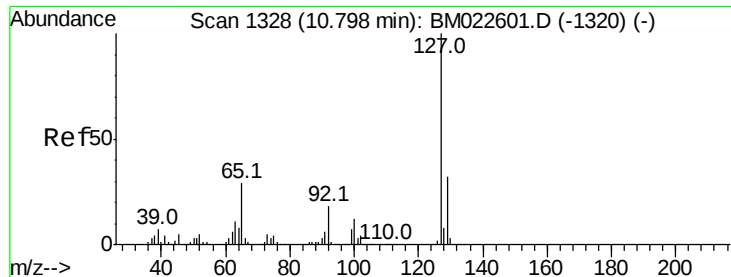


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

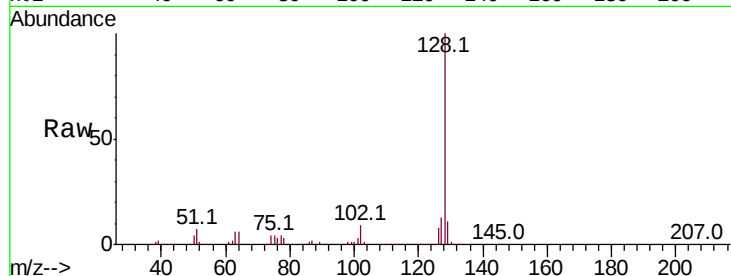




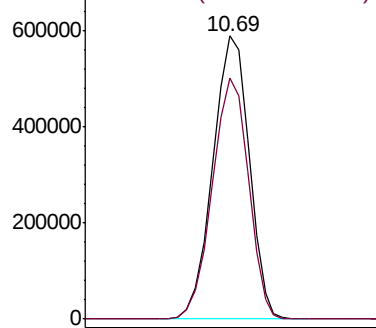
#30
4-Chloroaniline
Concen: 38.597 ng/ul
RT: 10.69 min Scan# 1309
Delta R.T. -0.11 min
Lab File: BM022681.D
Acq: 13 Sep 2019 17:47

Instrument :
BNA_M
ClientSampleId :

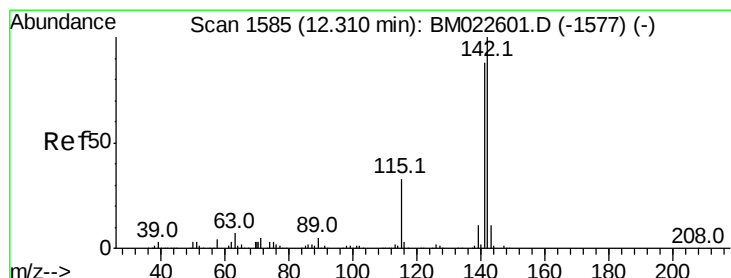
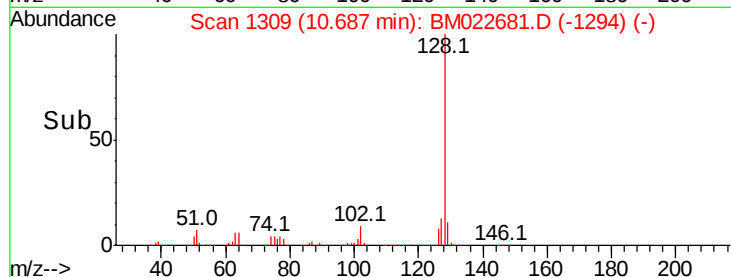
Tot Ion:127 Resp: 990988
Ion Ratio Lower Upper
127 100
129 85.3 25.4 38.2#



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

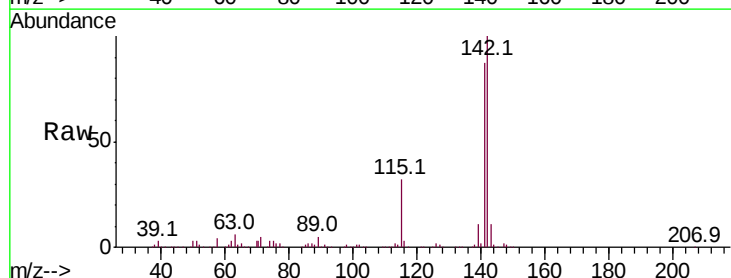


Time--> 10.60 10.65 10.70 10.75

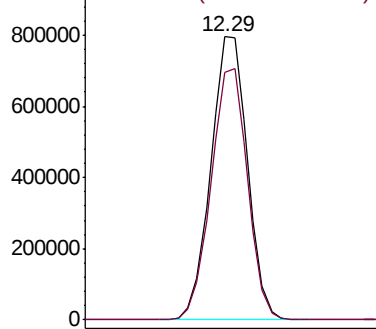


#34
2-Methylnaphthalene
Concen: 27.204 ng/ul
RT: 12.29 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BM022681.D
Acq: 13 Sep 2019 17:47

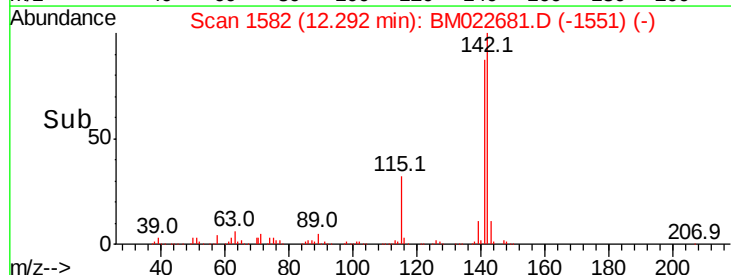
Tgt Ion:142 Resp: 1272944
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.4

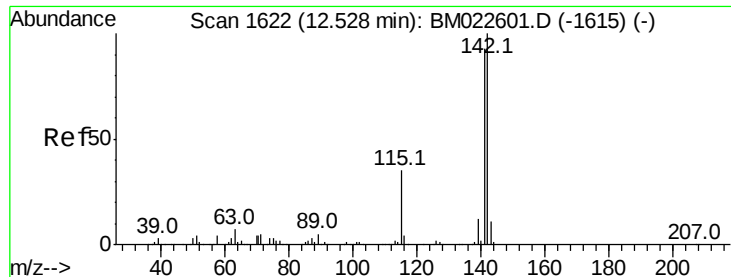


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time--> 12.25 12.30 12.35

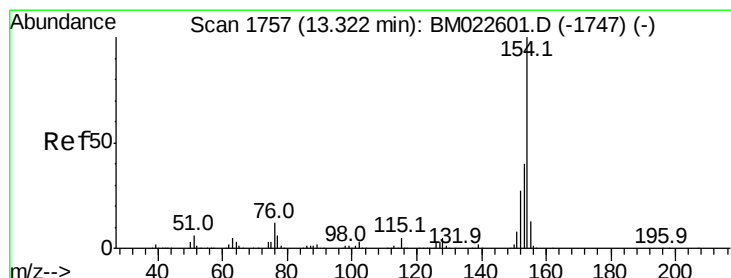
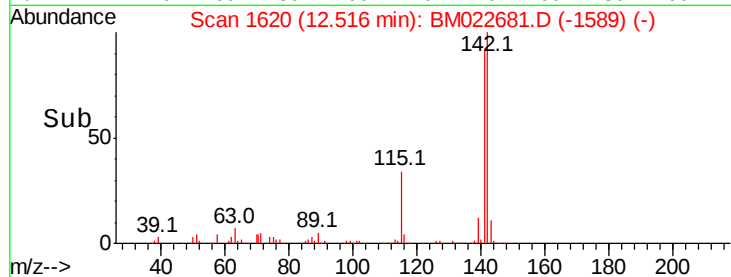
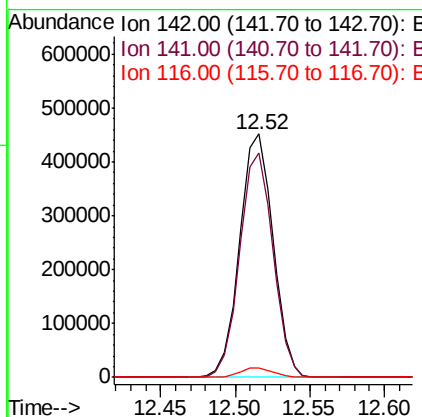
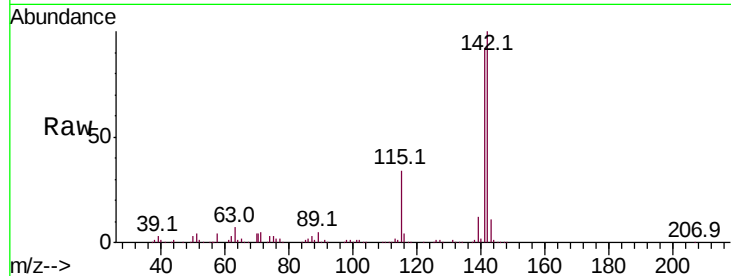




#35
 1-Methylnaphthalene
 Concen: 15.707 ng/ul
 RT: 12.52 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BM022681.D
 Acq: 13 Sep 2019 17:47

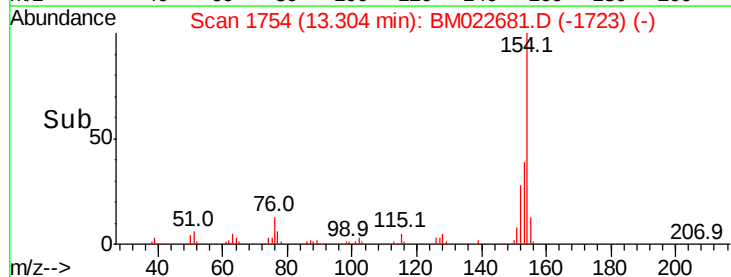
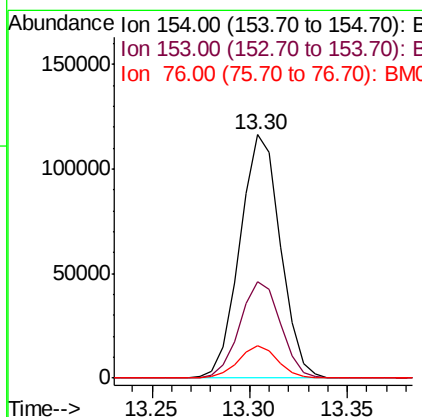
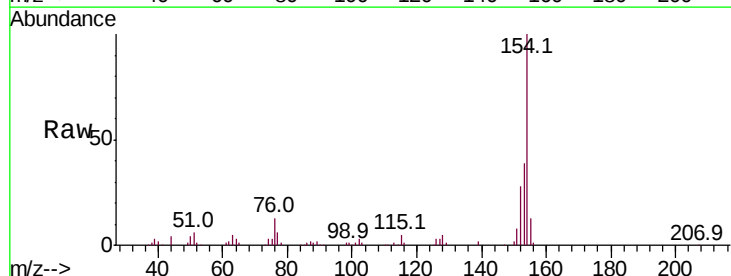
Instrument :
 BNA_M
 ClientSampleId :

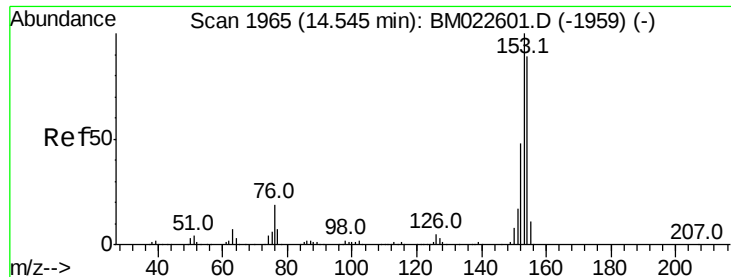
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.6	108.8
116	3.6	3.0	4.4



#41
 1,1'-Biphenyl
 Concen: 2.886 ng/ul
 RT: 13.30 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BM022681.D
 Acq: 13 Sep 2019 17:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	32.1	48.1
76	13.1	10.2	15.2





#50

Acenaphthene

Concen: 5.947 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BM022681.D

Acq: 13 Sep 2019 17:47

Instrument :

BNA_M

ClientSampleId :

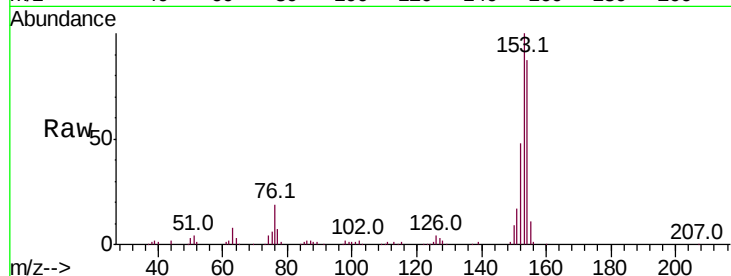
Tot Ion:153 Resp: 289240

Ion Ratio Lower Upper

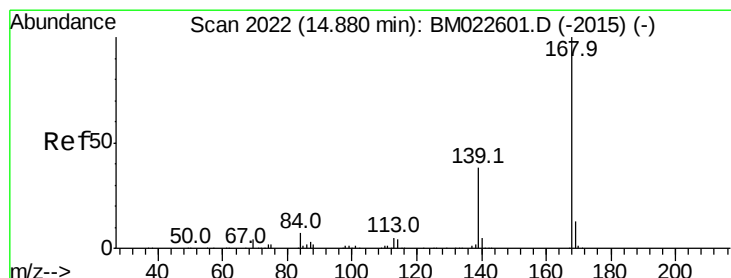
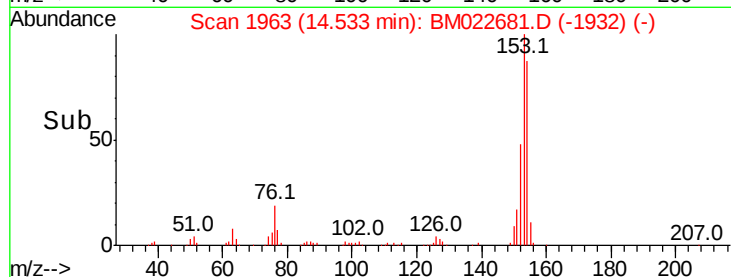
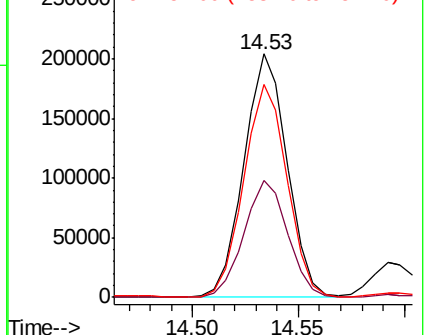
153 100

152 48.2 37.5 56.3

154 87.4 71.4 107.0



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: 4.752 ng/ul

RT: 14.87 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BM022681.D

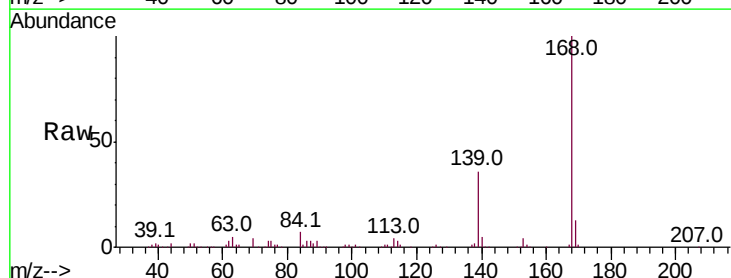
Acq: 13 Sep 2019 17:47

Tgt Ion:168 Resp: 320734

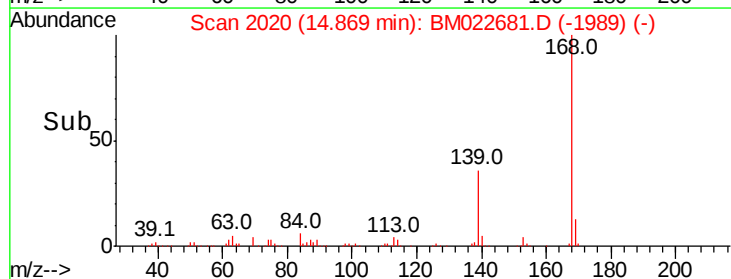
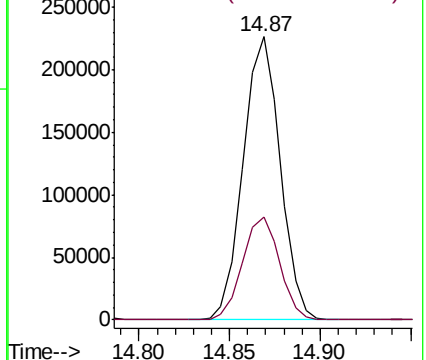
Ion Ratio Lower Upper

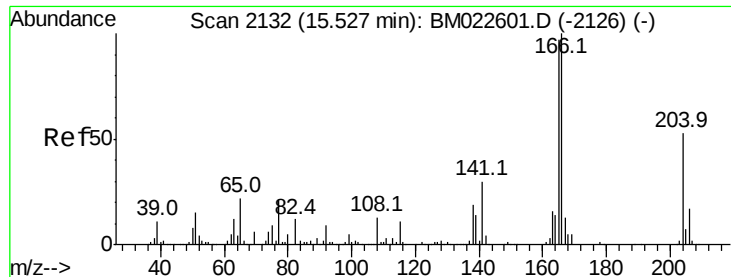
168 100

139 36.5 29.5 44.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 3.218 ng/ul

RT: 15.52 min Scan# 2130

Delta R.T. -0.02 min

Lab File: BM022681.D

Acq: 13 Sep 2019 17:47

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BNA_M

ClientSampleId :

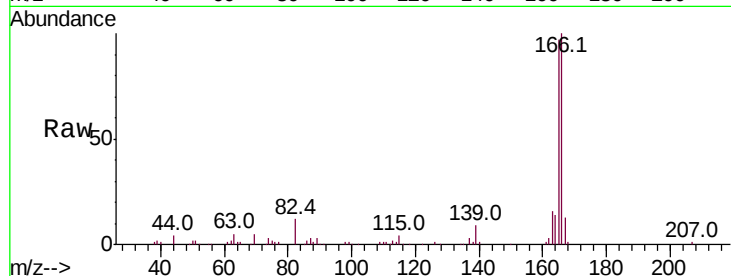
Tot Ion:166 Resp: 178708

Ion Ratio Lower Upper

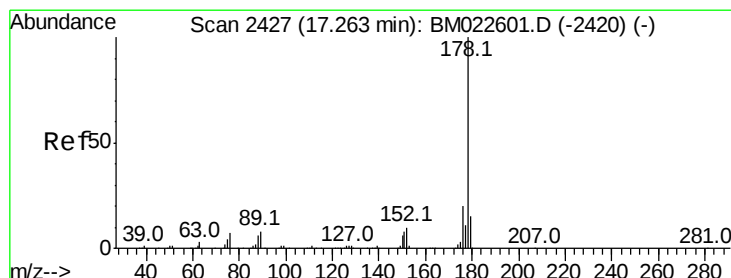
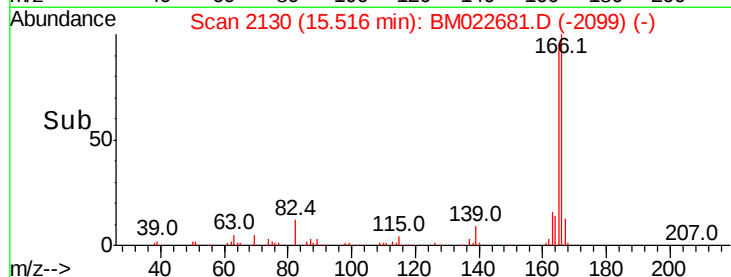
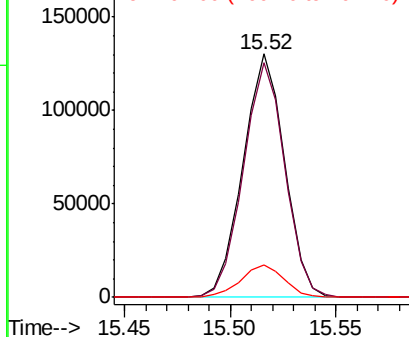
166 100

165 96.6 77.8 116.8

167 13.4 10.9 16.3



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: 3.121 ng/ul

RT: 17.25 min Scan# 2425

Delta R.T. -0.02 min

Lab File: BM022681.D

Acq: 13 Sep 2019 17:47

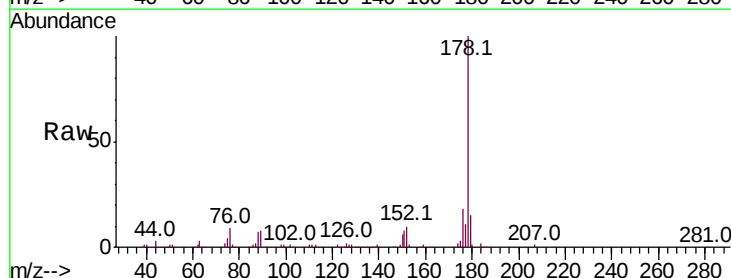
Tgt Ion:178 Resp: 269816

Ion Ratio Lower Upper

178 100

179 14.7 12.0 18.0

176 18.4 15.4 23.0



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

