

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
 Data File : BM022608.D
 Acq On : 09 Sep 2019 17:55
 Operator : HP/JU
 Sample : K4706-07DL 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 10 01:17:38 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	7.85	152	278765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1255311	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	796749	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	1677077	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	1793082	20.00	ng/ul	0.00
86) Perylene-d12	23.68	264	2063024	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	114	0.02	ng/uL	-0.01
5) Phenol-d5	7.01	99	19590	0.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	44206	3.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	46981	2.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	35102	1.68	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	25123	2.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	20199	2.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	50864	2.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	2403	0.09	ng/ul	0.03
44) Dimethylphthalate-d6	13.89	166	194272	3.01	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	205505	2.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	6600	0.60	ng/ul	0.00
58) Fluorene-d10	15.47	176	171420	3.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	12442	1.63	ng/ul	0.00
71) Anthracene-d10	17.32	188	271190	3.16	ng/ul	0.00
79) Pyrene-d10	19.60	212	298092	3.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	310818	2.80	ng/ul	0.00

Target Compounds

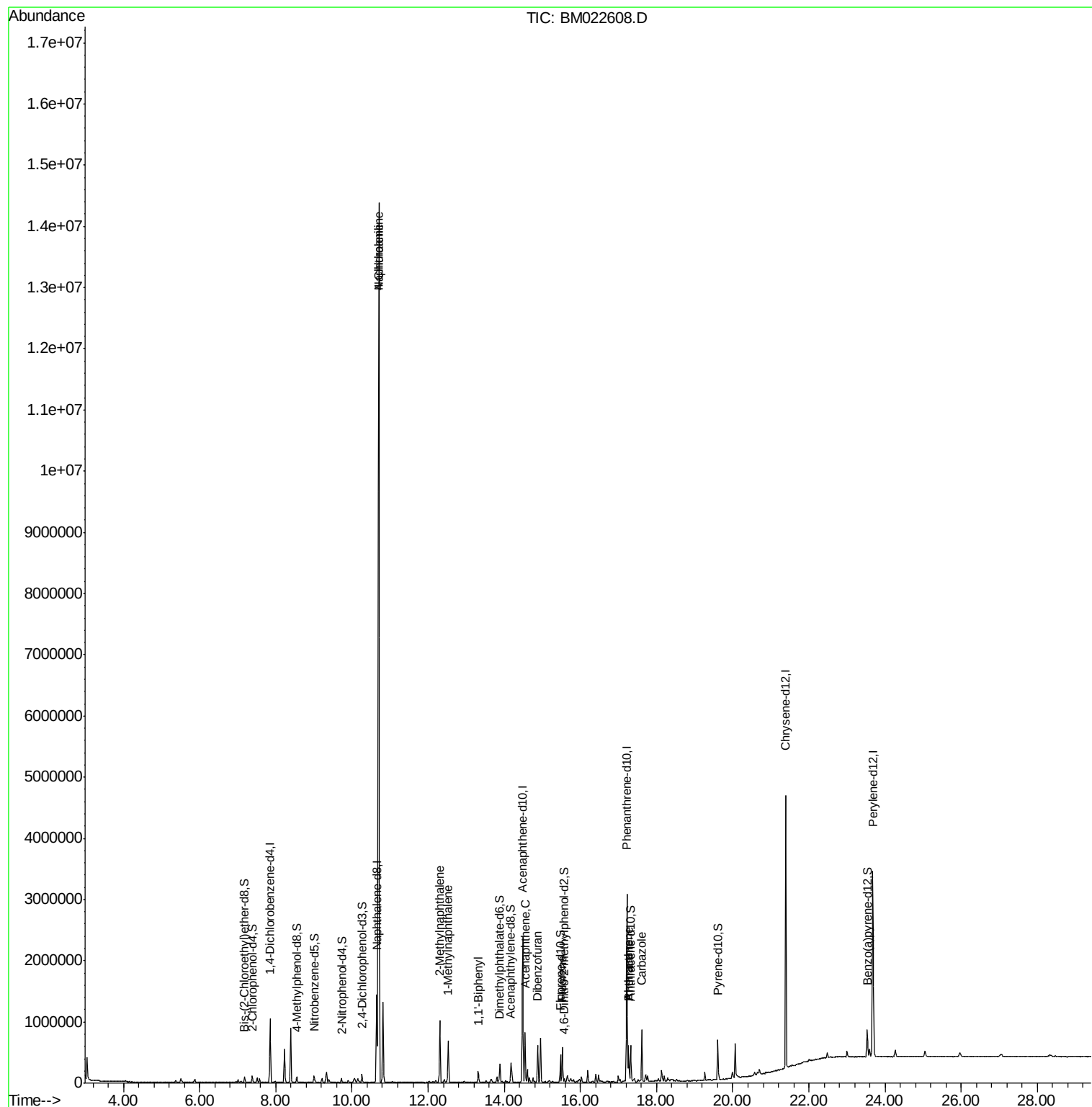
					Ovalue
28) Naphthalene	10.70	128	12080960	173.582	ng/ul 98
30) 4-Chloroaniline	10.70	127	1646210	57.217	ng/ul# 7
34) 2-Methylnaphthalene	12.31	142	478321	9.122	ng/ul 98
35) 1-Methylnaphthalene	12.53	142	306300	6.114	ng/ul 99
41) 1,1'-Biphenyl	13.32	154	97769	1.474	ng/ul 99
50) Acenaphthene	14.54	153	314501	5.660	ng/ul 98
54) Dibenzofuran	14.88	168	315465	4.091	ng/ul 99
59) Fluorene	15.53	166	240250	3.787	ng/ul 100
70) Phenanthrene	17.26	178	330873	3.222	ng/ul 99
72) Anthracene	17.26	178	330873	3.137	ng/ul 99
75) Carbazole	17.62	167	497046	5.243	ng/ul 99

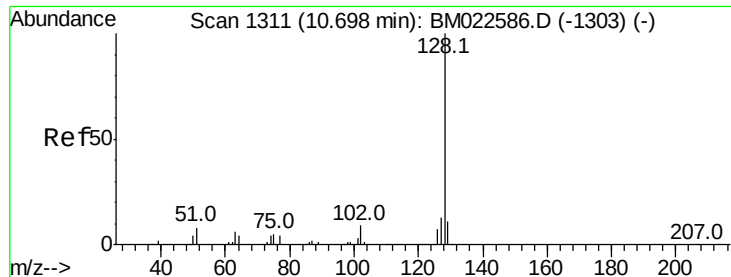
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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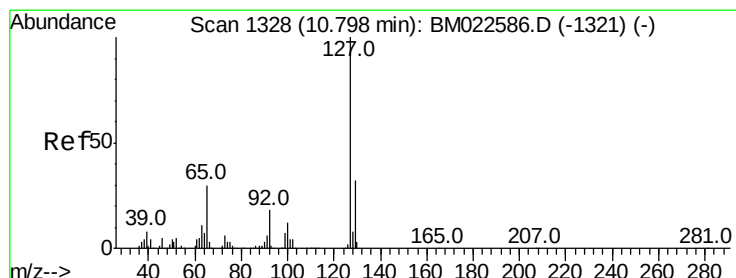
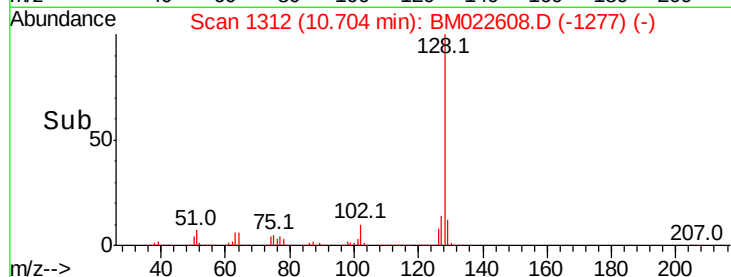
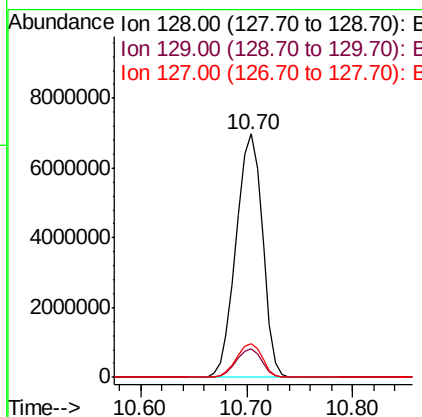
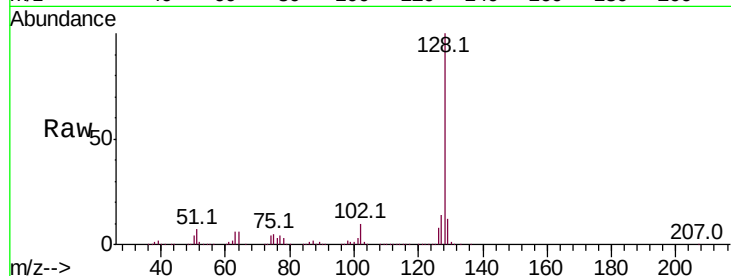




#28
Naphthalene
Concen: 173.582 ng/ul
RT: 10.70 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BM022608.D
Acq: 09 Sep 2019 17:55

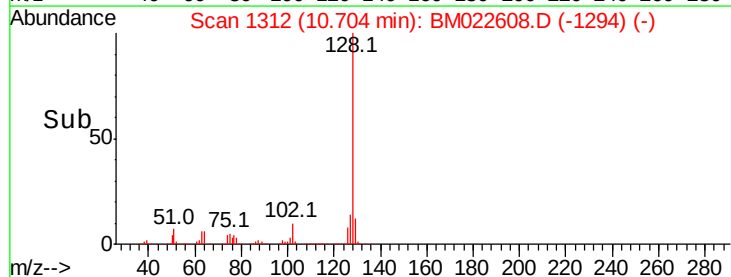
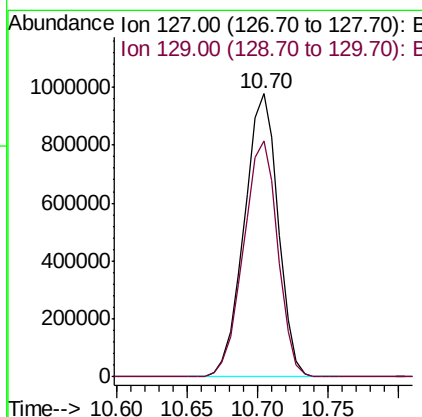
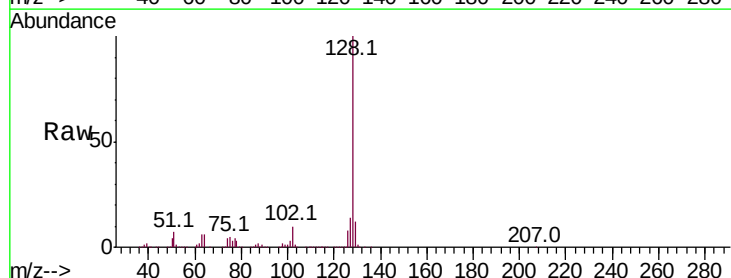
Instrument :
BNA_M
ClientSampleId :

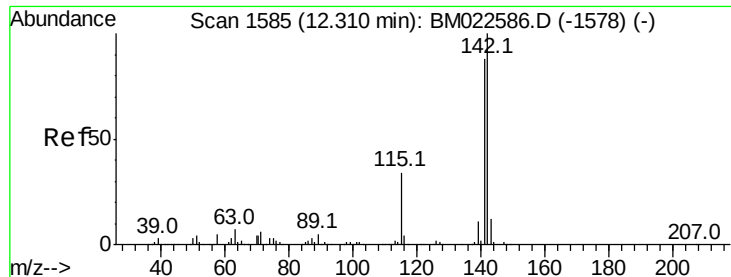
Tot Ion:128 Resp:12080960
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 14.0 10.6 16.0



#30
4-Chloroaniline
Concen: 57.217 ng/ul
RT: 10.70 min Scan# 1312
Delta R.T. -0.09 min
Lab File: BM022608.D
Acq: 09 Sep 2019 17:55

Tgt Ion:127 Resp: 1646210
Ion Ratio Lower Upper
127 100
129 83.5 25.4 38.2#

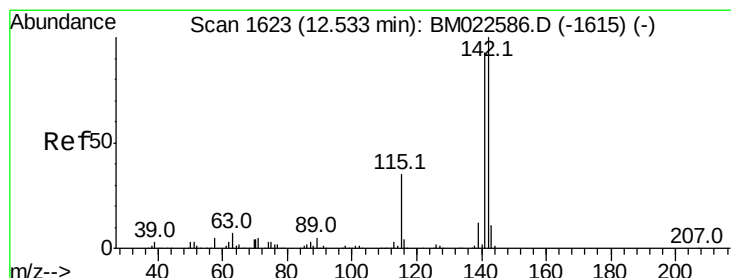
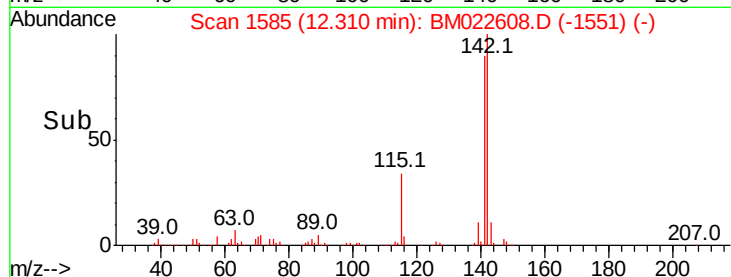
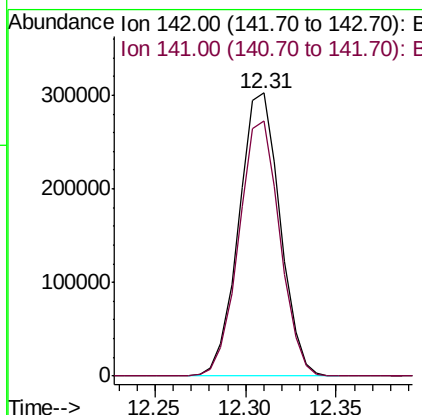
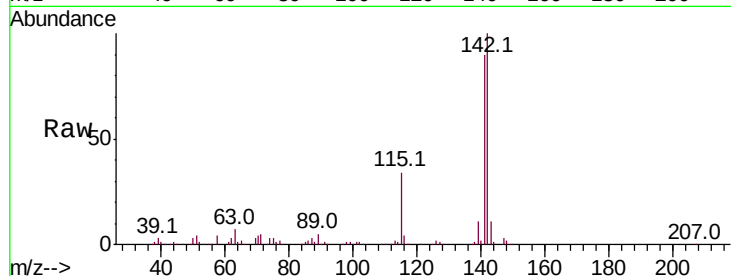




#34
 2-Methylnaphthalene
 Concen: 9.122 ng/ul
 RT: 12.31 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BM022608.D
 Acq: 09 Sep 2019 17:55

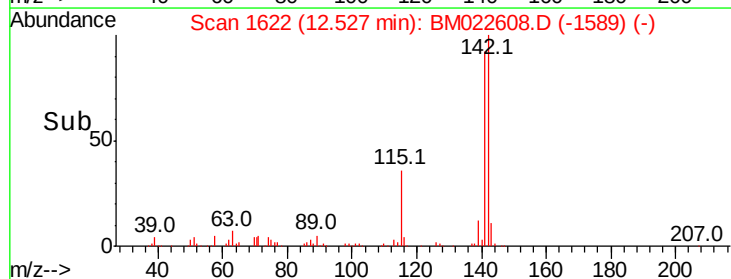
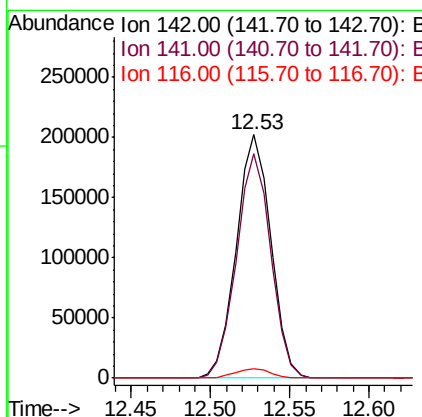
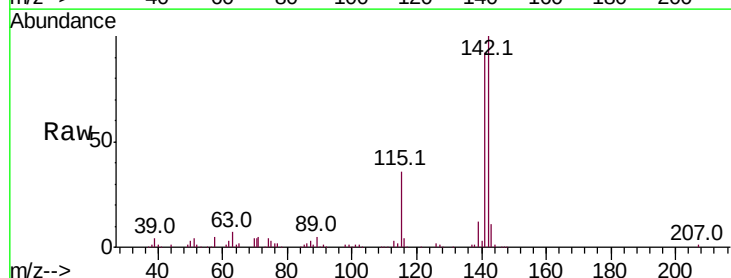
Instrument :
 BNA_M
 ClientSampleId :

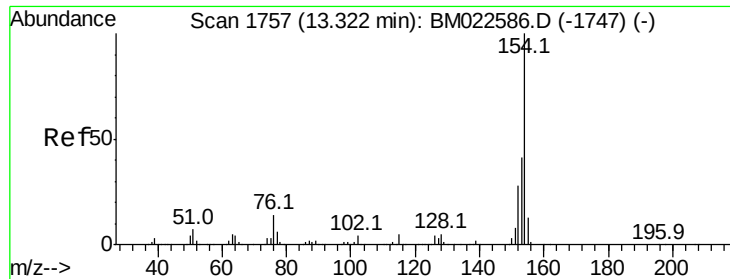
Tot Ion:142 Resp: 478321
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.0 106.4



#35
 1-Methylnaphthalene
 Concen: 6.114 ng/ul
 RT: 12.53 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BM022608.D
 Acq: 09 Sep 2019 17:55

Tgt Ion:142 Resp: 306300
 Ion Ratio Lower Upper
 142 100
 141 92.0 72.6 108.8
 116 3.7 3.0 4.4

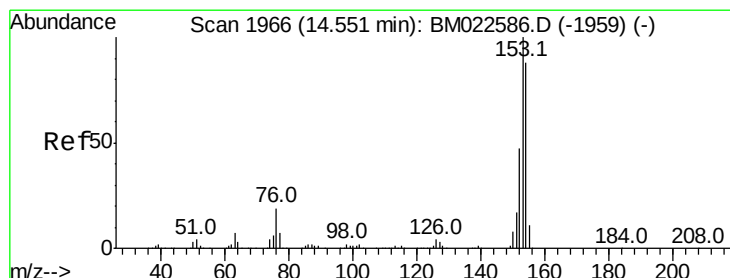
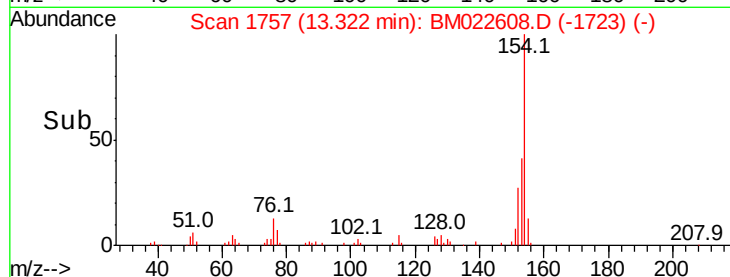
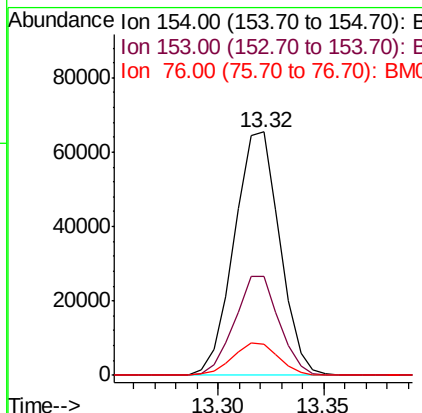
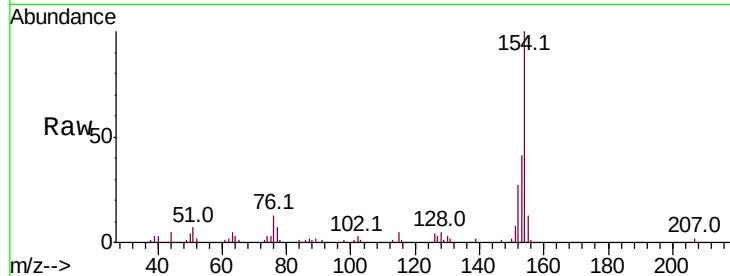




#41
 1,1'-Biphenyl
 Concen: 1.474 ng/ul
 RT: 13.32 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BM022608.D
 Acq: 09 Sep 2019 17:55

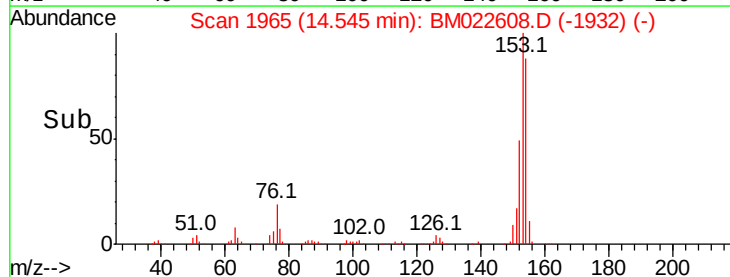
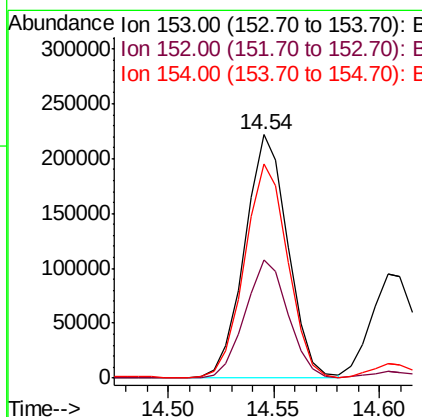
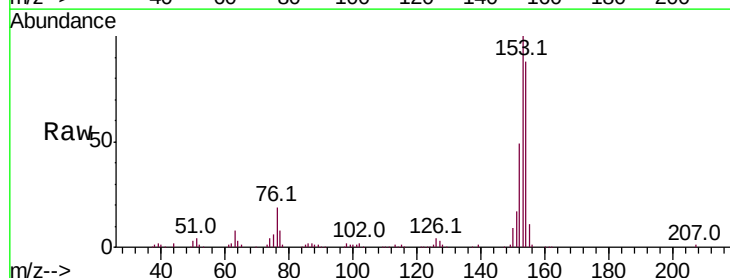
Instrument :
 BNA_M
 ClientSampleId :

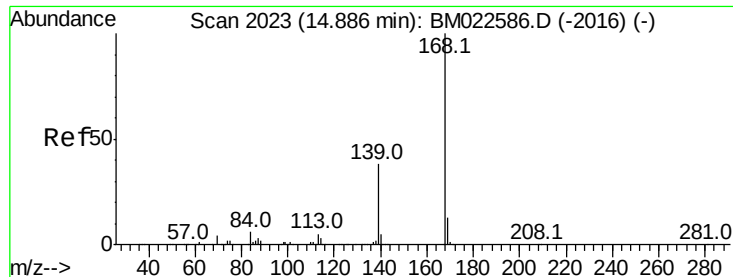
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	32.1	48.1
76	12.9	10.2	15.2



#50
 Acenaphthene
 Concen: 5.660 ng/ul
 RT: 14.54 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: BM022608.D
 Acq: 09 Sep 2019 17:55

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.7	37.5	56.3
154	87.9	71.4	107.0





#54

Dibenzenofuran

Concen: 4.091 ng/ul

RT: 14.88 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BM022608.D

Acq: 09 Sep 2019 17:55

Instrument :

BNA_M

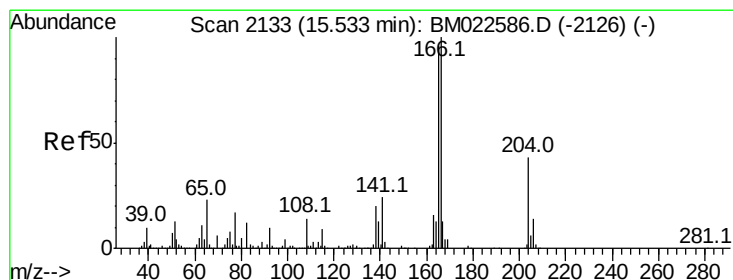
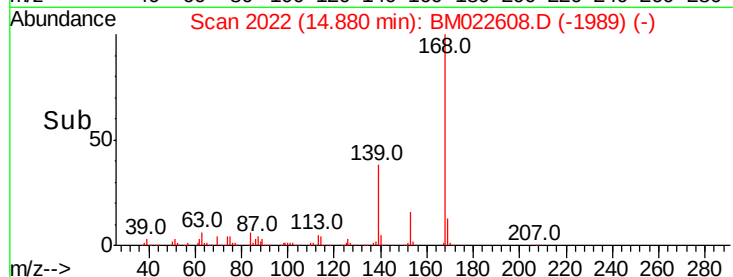
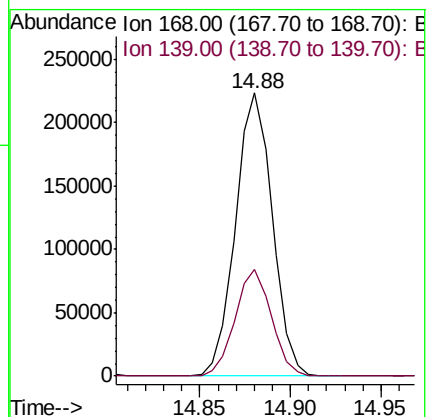
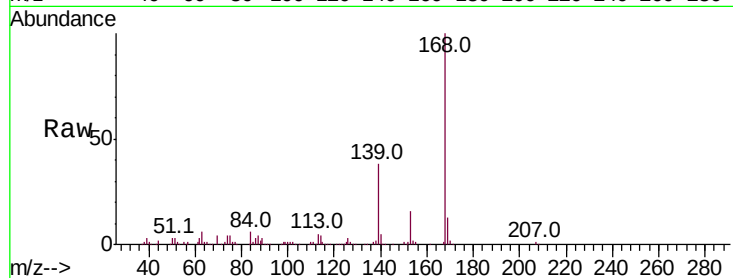
ClientSampled :

Tot Ion:168 Resp: 315465

Ion Ratio Lower Upper

168 100

139 37.8 29.5 44.3



#59

Fluorene

Concen: 3.787 ng/ul

RT: 15.53 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BM022608.D

Acq: 09 Sep 2019 17:55

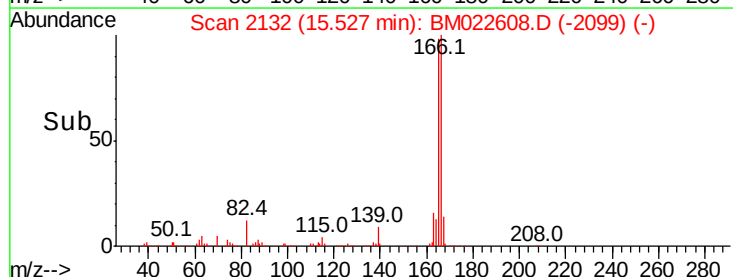
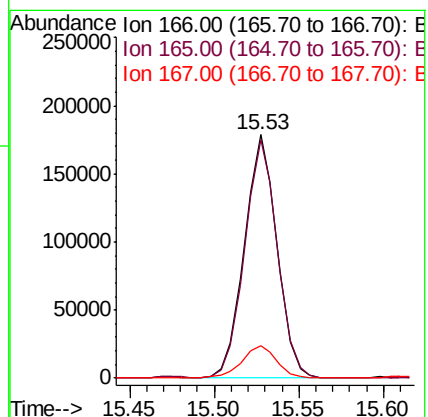
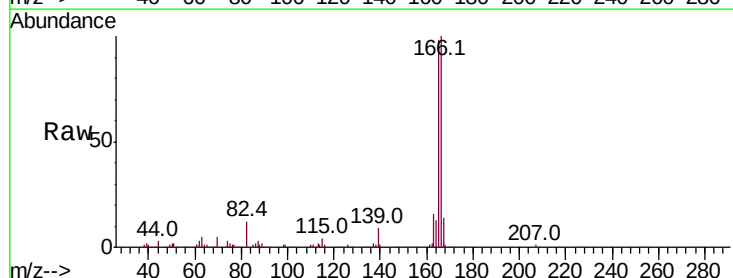
Tgt Ion:166 Resp: 240250

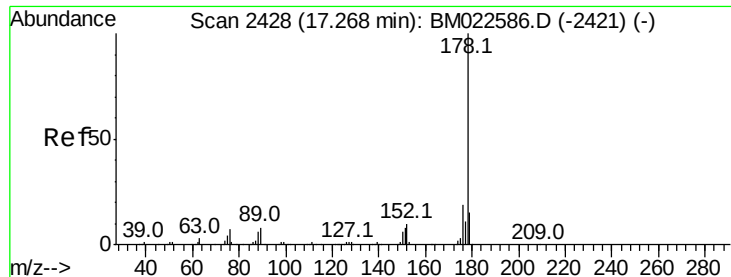
Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.8

167 13.6 10.9 16.3





#70

Phenanthrene

Concen: 3.222 ng/ul

RT: 17.26 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BM022608.D

Acq: 09 Sep 2019 17:55

Instrument :

BNA_M

ClientSampleId :

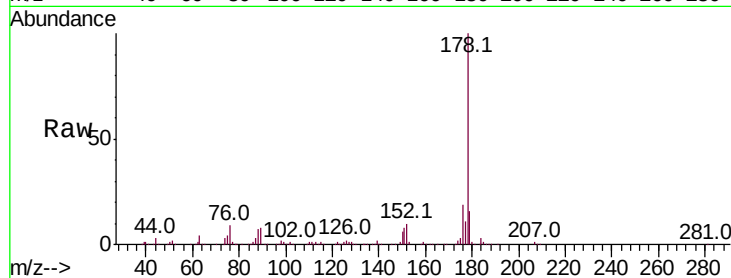
Tot Ion:178 Resp: 330873

Ion Ratio Lower Upper

178 100

179 15.7 12.0 18.0

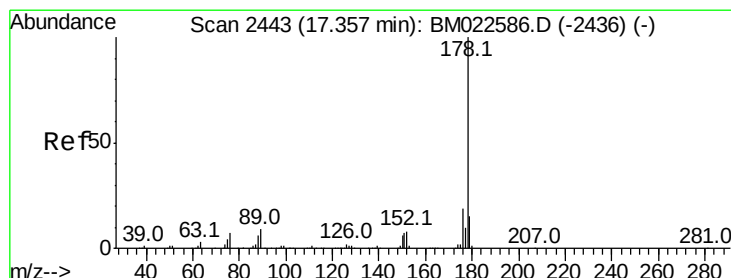
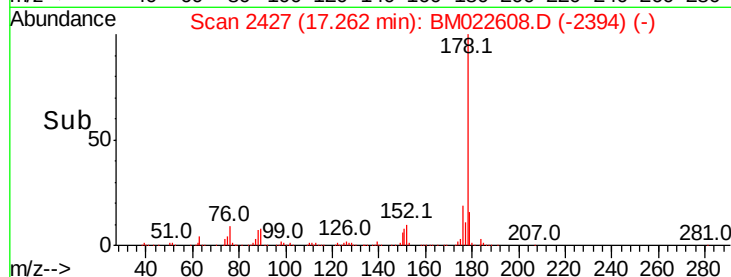
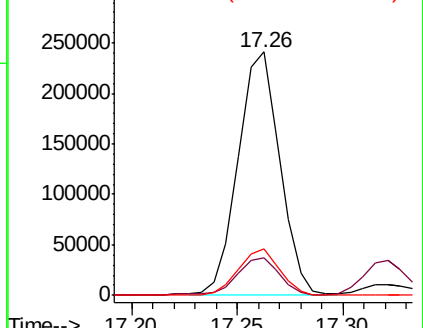
176 19.0 15.4 23.0



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



#72

Anthracene

Concen: 3.137 ng/ul

RT: 17.26 min Scan# 2427

Delta R.T. -0.09 min

Lab File: BM022608.D

Acq: 09 Sep 2019 17:55

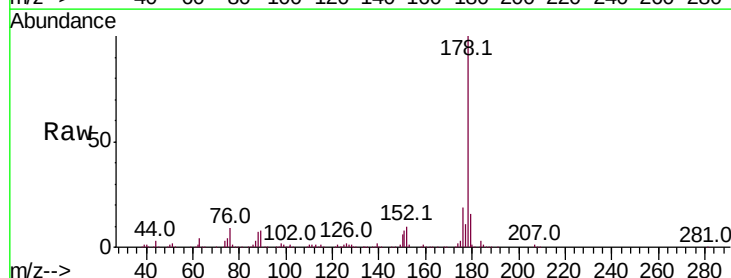
Tgt Ion:178 Resp: 330873

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

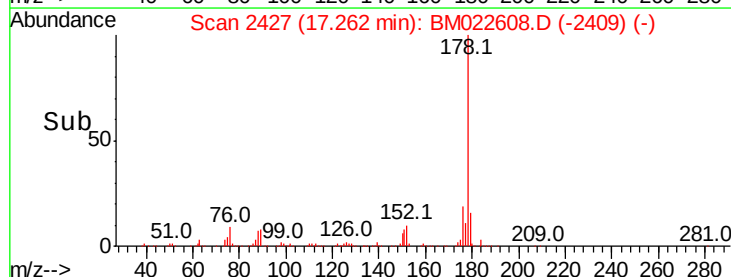
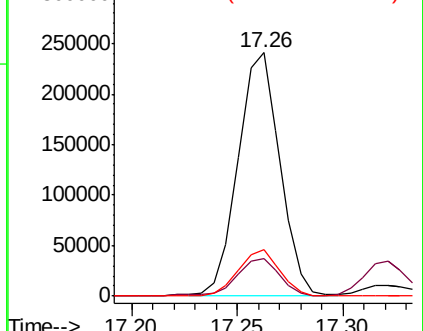
176 19.0 14.7 22.1

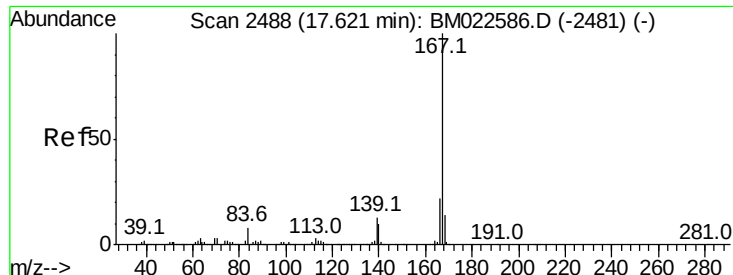


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 5.243 ng/ul

RT: 17.62 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BM022608.D

Acq: 09 Sep 2019 17:55

Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 497046

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

139 12.6 10.6 15.8

