

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022331.D
 Acq On : 26 Aug 2019 15:19
 Operator : HP/JU
 Sample : K4373-14DL 20X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 27 11:00:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 10:56:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	23342	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	112318	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	82552	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	197909	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	192355	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	170445	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.93	67	1004	0.86	ng/ul	0.02
9) 2-Chlorophenol-d4	7.10	132	1207	0.74	ng/ul	0.01
13) 4-Methylphenol-d8	8.28	113	649	0.37	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	621	0.74	ng/ul	0.01
22) 2-Nitrophenol-d4	9.43	143	686	0.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	2555	1.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	2592	1.07	ng/ul	0.01
43) Dimethylphthalate-d6	13.63	166	9798	1.35	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	9939	1.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	563	0.52	ng/ul	-0.05
57) Fluorene-d10	15.20	176	9496	1.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	590	0.39	ng/ul	0.02
70) Anthracene-d10	17.06	188	15343	1.46	ng/ul	-0.01
78) Pyrene-d10	19.37	212	17802	1.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	12395	1.32	ng/ul	0.00

Target Compounds

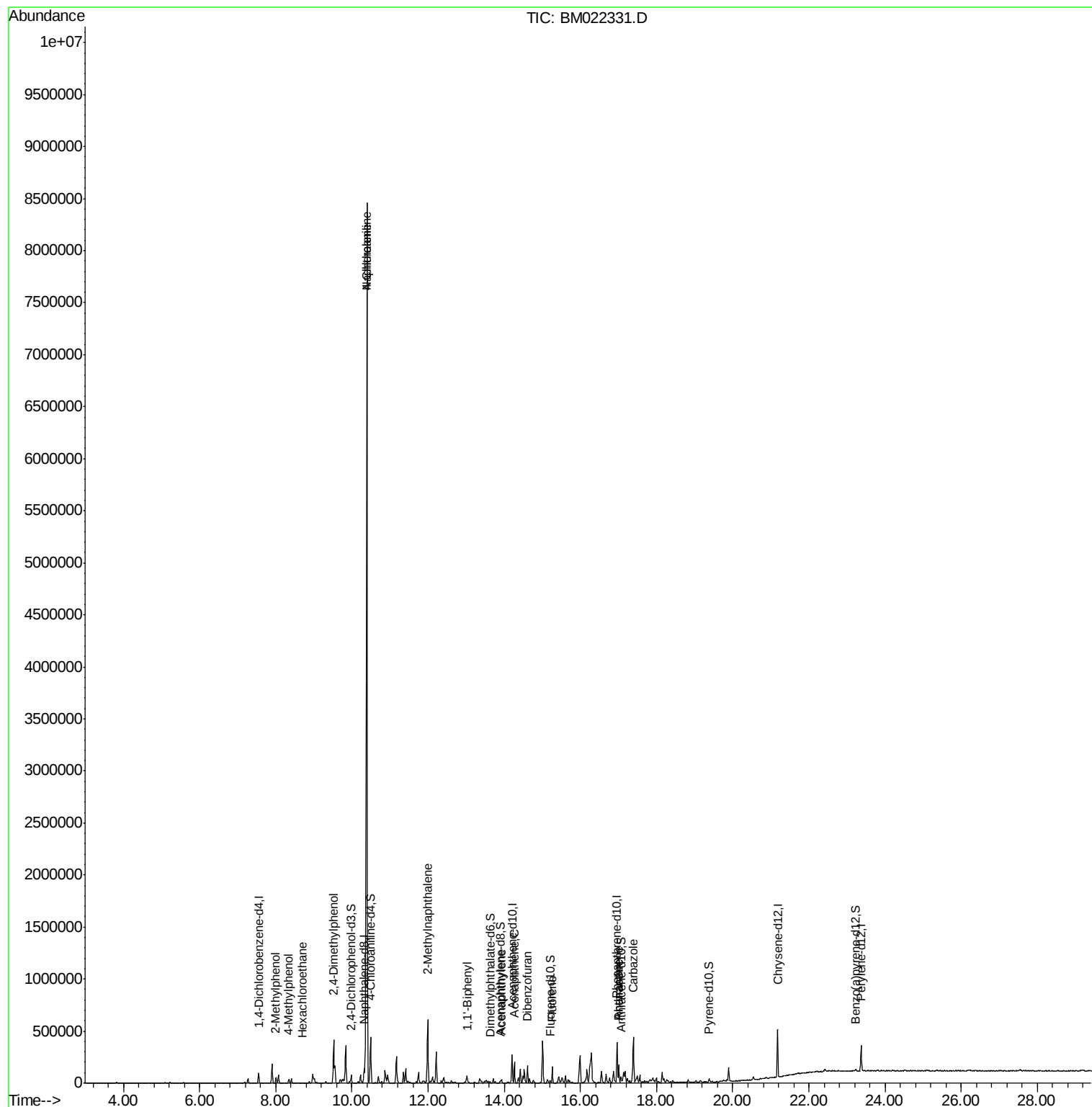
					Ovalue	
11) 2-Methylphenol	8.01	108	15061	8.866	ng/ul	98
16) 4-Methylphenol	8.34	108	13132	7.031	ng/ul	98
17) Hexachloroethane	8.70	117	1957	2.364	ng/ul#	1
24) 2,4-Dimethylphenol	9.52	107	129217	51.465	ng/ul	97
28) Naphthalene	10.39	128	6024548	971.950	ng/ul	99
30) 4-Chloroaniline	10.39	127	818105	325.691	ng/ul#	9
34) 2-Methylnaphthalene	11.99	142	239167	50.080	ng/ul	98
40) 1,1'-Biophenyl	13.02	154	29433	4.381	ng/ul	97
47) Acenaphthylene	13.92	152	13515	1.664	ng/ul	97
49) Acenaphthene	14.27	153	71933	12.478	ng/ul	99
53) Dibenzofuran	14.61	168	86075	10.025	ng/ul	98
58) Fluorene	15.26	166	57916	8.008	ng/ul	99
69) Phenanthrene	17.01	178	83246	7.031	ng/ul	100
71) Anthracene	17.01	178	83246	6.757	ng/ul	99
74) Carbazole	17.39	167	199098	17.891	ng/ul	99

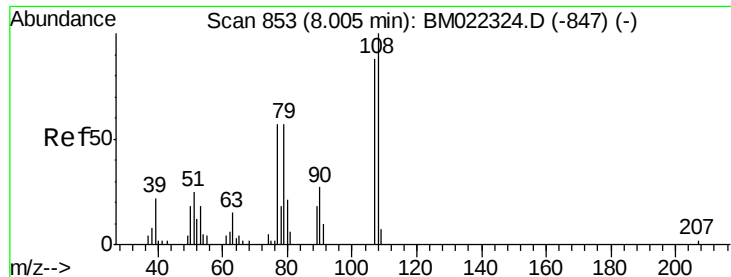
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
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Quant Title : SVOA CALIBRATION
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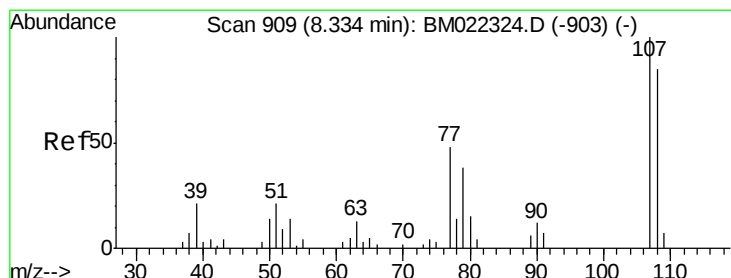
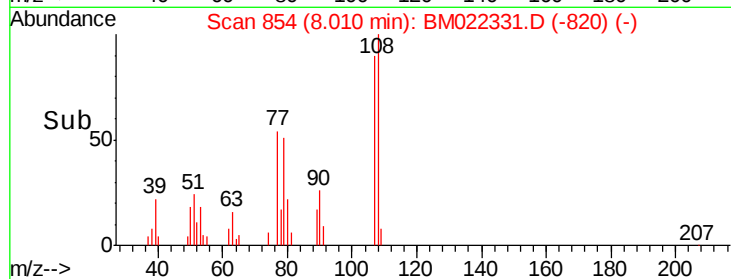
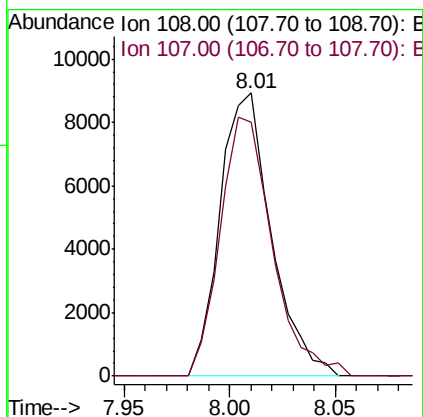
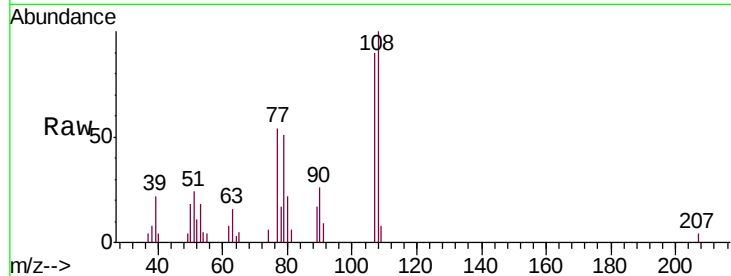




#11
2-Methylphenol
Concen: 8.866 ng/ul
RT: 8.01 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM022331.D
Acq: 26 Aug 2019 15:19

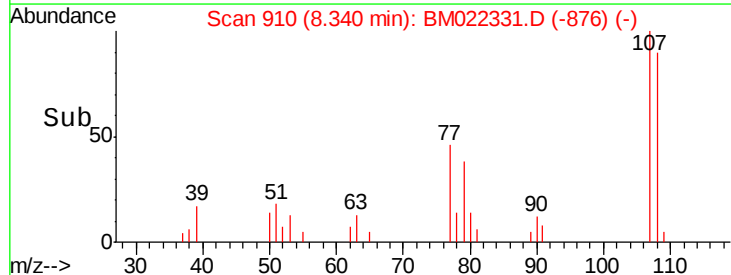
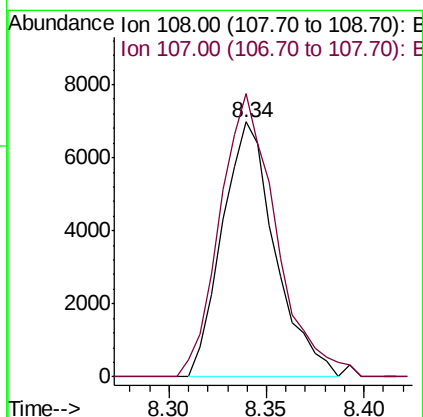
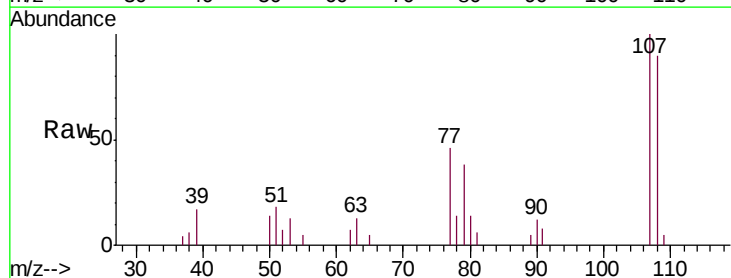
Instrument :
BNA_M
ClientSampleId :

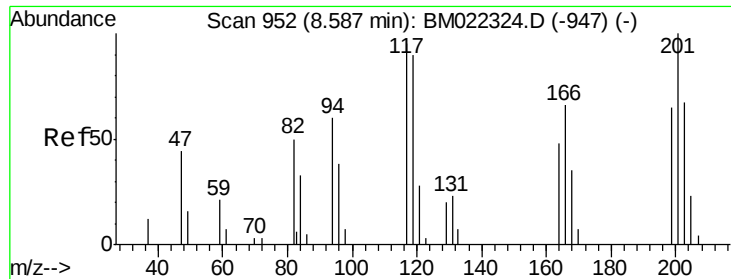
Tot Ion:108 Resp: 15061
Ion Ratio Lower Upper
108 100
107 89.6 70.1 105.1



#16
4-Methylphenol
Concen: 7.031 ng/ul
RT: 8.34 min Scan# 910
Delta R.T. 0.00 min
Lab File: BM022331.D
Acq: 26 Aug 2019 15:19

Tgt Ion:108 Resp: 13132
Ion Ratio Lower Upper
108 100
107 110.9 90.8 136.2

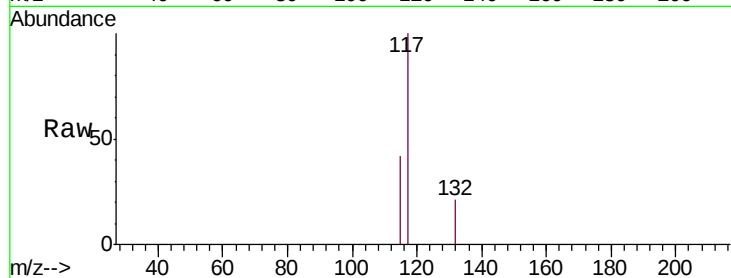




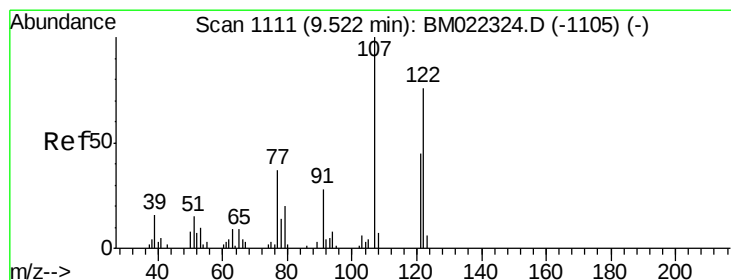
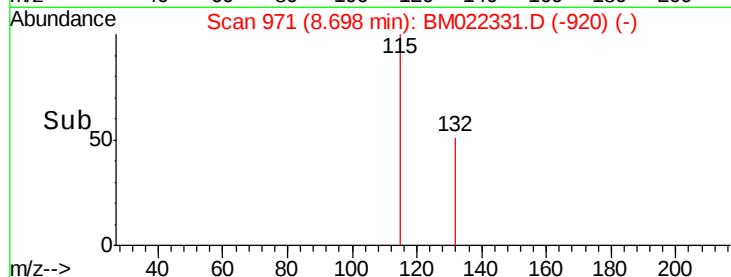
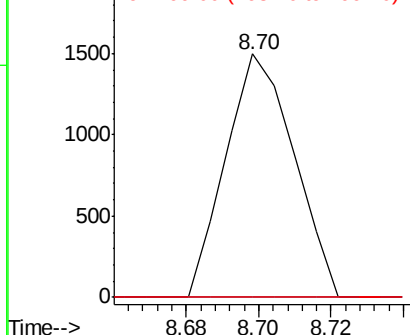
#17
Hexachloroethane
Concen: 2.364 ng/ul
RT: 8.70 min Scan# 971
Delta R.T. 0.10 min
Lab File: BM022331.D
Acq: 26 Aug 2019 15:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion:117 Resp: 1957
Ion Ratio Lower Upper
117 100
201 0.0 95.9 143.9#
199 0.0 60.6 90.8#

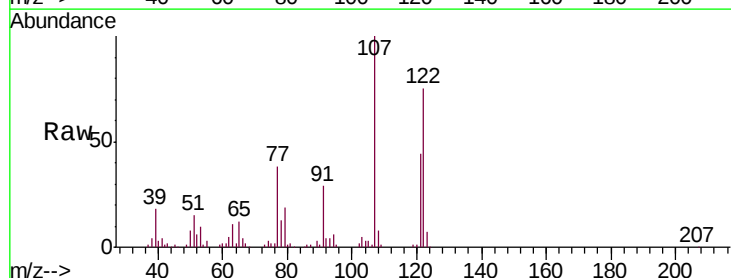


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

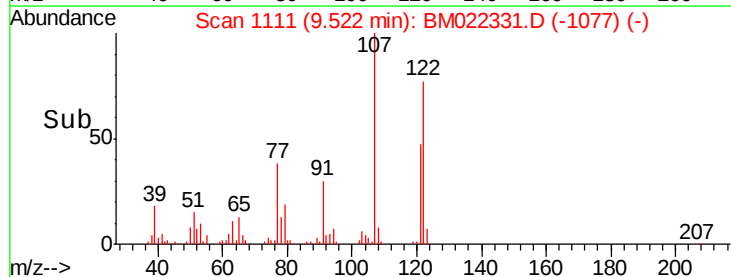
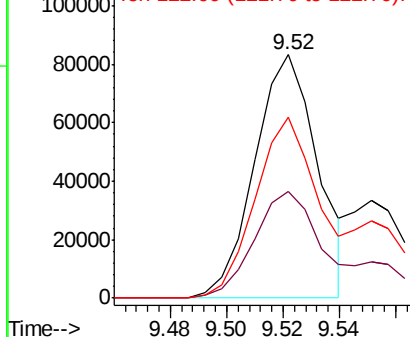


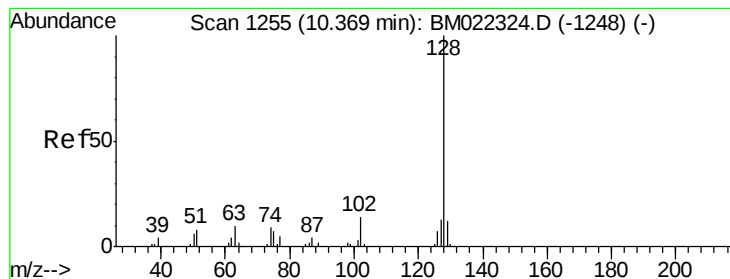
#24
2,4-Dimethylphenol
Concen: 51.465 ng/ul
RT: 9.52 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BM022331.D
Acq: 26 Aug 2019 15:19

Tgt Ion:107 Resp: 129217
Ion Ratio Lower Upper
107 100
121 44.0 33.6 50.4
122 74.5 58.0 87.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E





#28

Naphthalene

Concen: 971.950 ng/ul

RT: 10.39 min Scan# 1259

Delta R.T. 0.02 min

Lab File: BM022331.D

Acq: 26 Aug 2019 15:19

Instrument :

BNA_M

ClientSampleId :

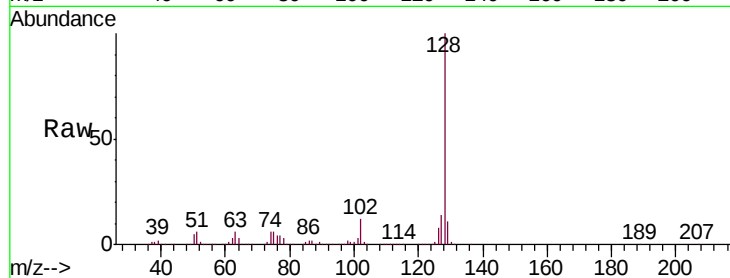
Tot Ion:128 Resp: 6024548

Ion Ratio Lower Upper

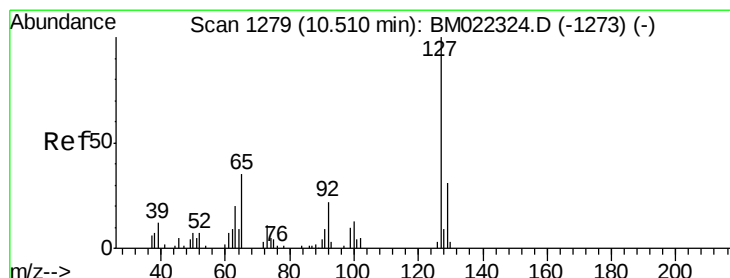
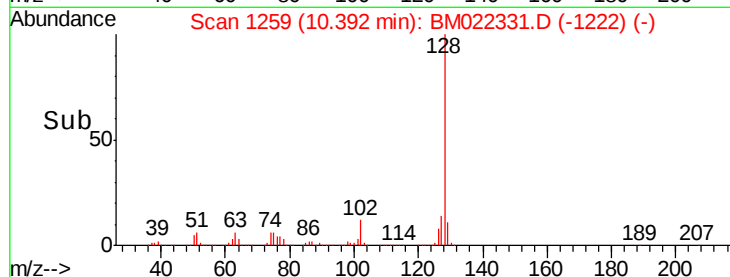
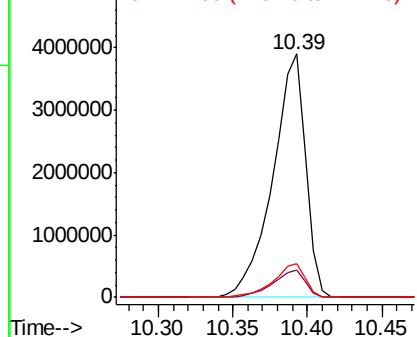
128 100

129 11.0 8.6 13.0

127 13.7 10.4 15.6



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: 325.691 ng/ul

RT: 10.39 min Scan# 1259

Delta R.T. -0.12 min

Lab File: BM022331.D

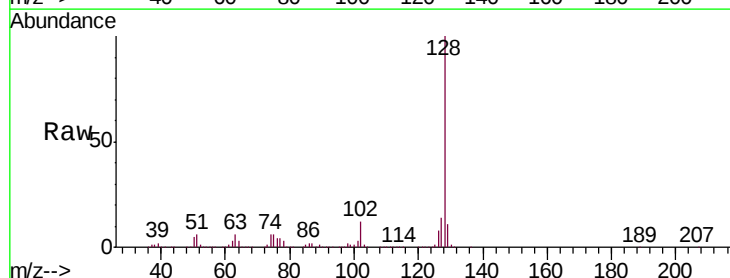
Acq: 26 Aug 2019 15:19

Tgt Ion:127 Resp: 818105

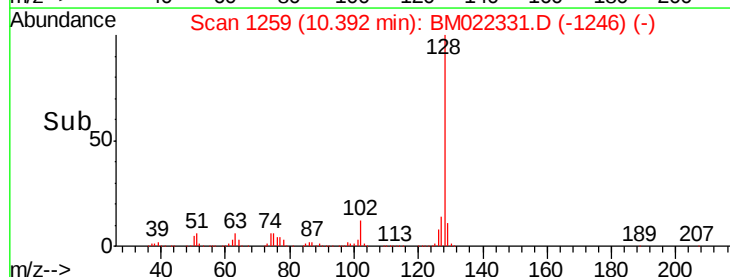
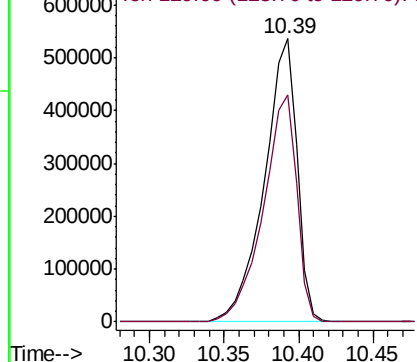
Ion Ratio Lower Upper

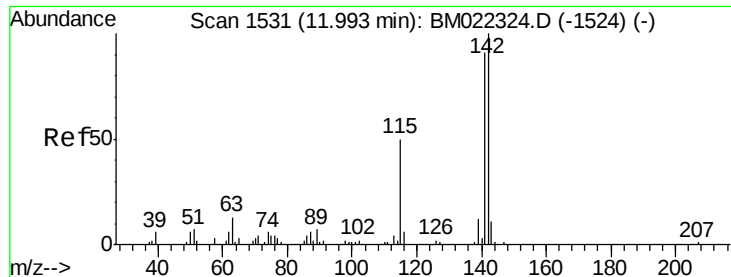
127 100

129 80.0 24.2 36.4#



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

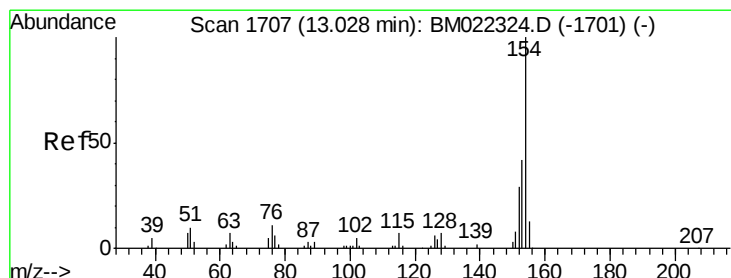
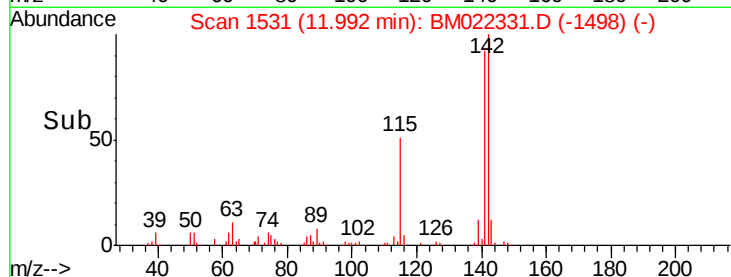
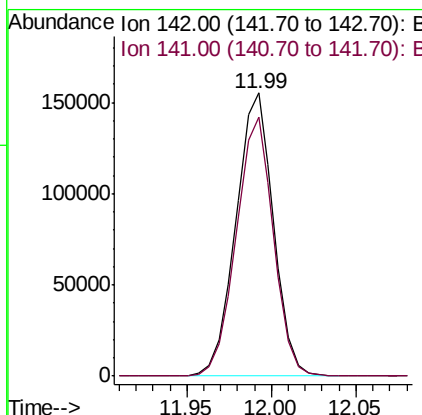
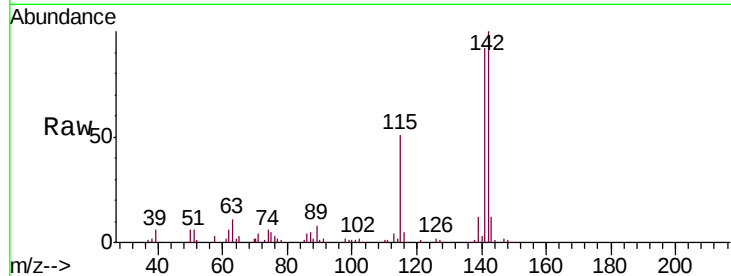




#34
 2-Methylnaphthalene
 Concen: 50.080 ng/ul
 RT: 11.99 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BM022331.D
 Acq: 26 Aug 2019 15:19

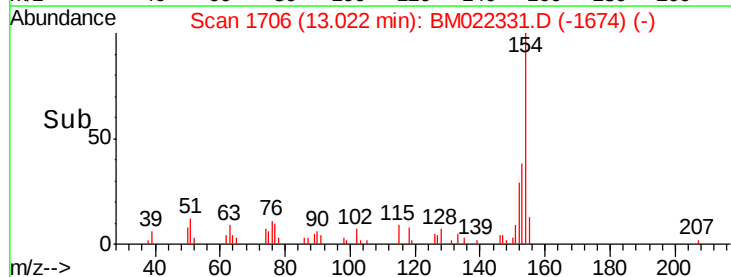
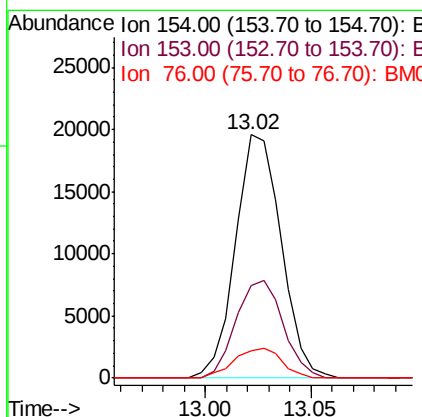
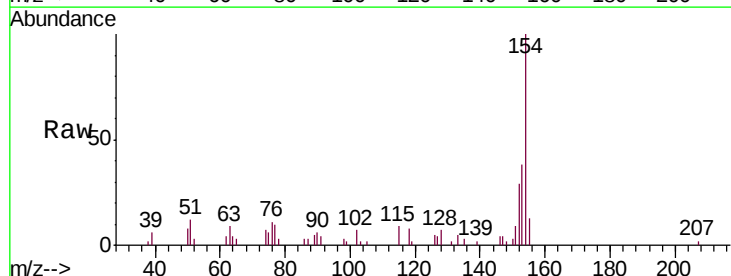
Instrument :
 BNA_M
 ClientSampleId :

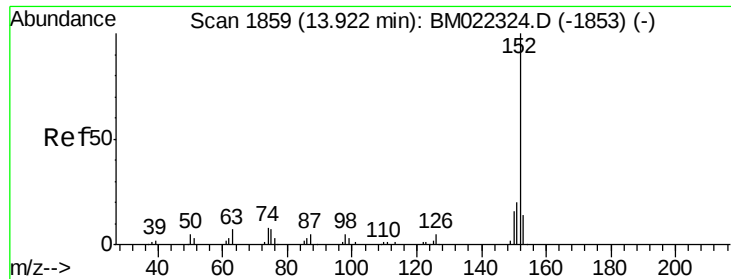
Tot Ion:142 Resp: 239167
 Ion Ratio Lower Upper
 142 100
 141 91.5 75.1 112.7



#40
 1,1'-Biphenyl
 Concen: 4.381 ng/ul
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BM022331.D
 Acq: 26 Aug 2019 15:19

Tgt Ion:154 Resp: 29433
 Ion Ratio Lower Upper
 154 100
 153 38.0 32.5 48.7
 76 11.2 9.2 13.8





#47

Acenaphthylene

Concen: 1.664 ng/ul

RT: 13.92 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM022331.D

Acq: 26 Aug 2019 15:19

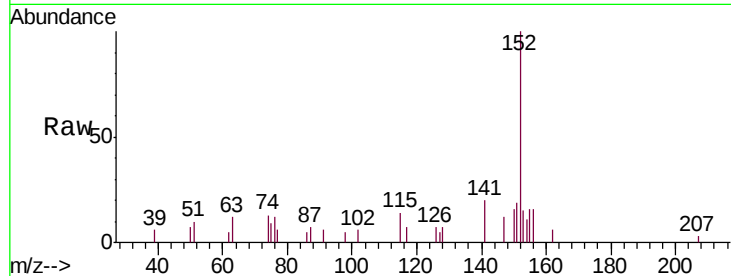
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 13515

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.0	24.0
153	15.4	10.4	15.6

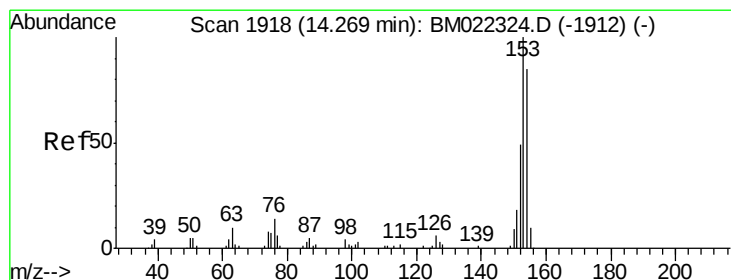
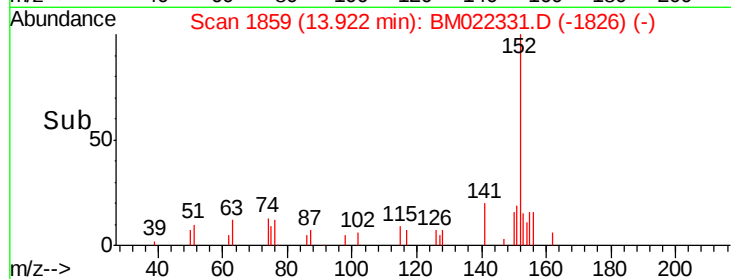
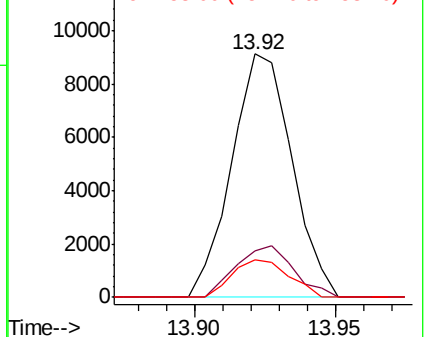


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 12.478 ng/ul

RT: 14.27 min Scan# 1918

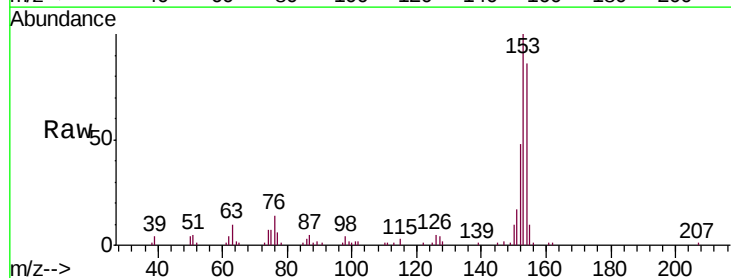
Delta R.T. -0.01 min

Lab File: BM022331.D

Acq: 26 Aug 2019 15:19

Tgt Ion:153 Resp: 71933

Ion	Ratio	Lower	Upper
153	100		
152	47.7	38.6	58.0
154	85.5	68.9	103.3

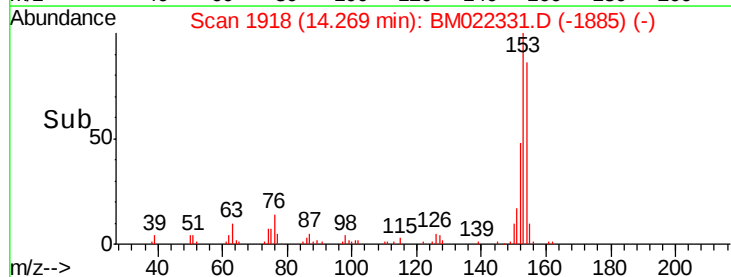
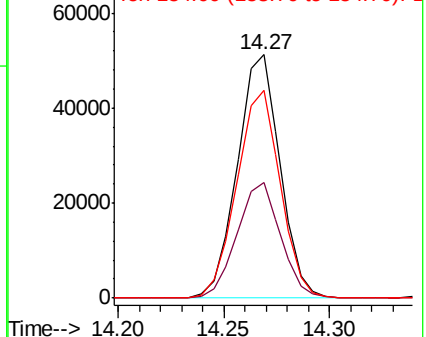


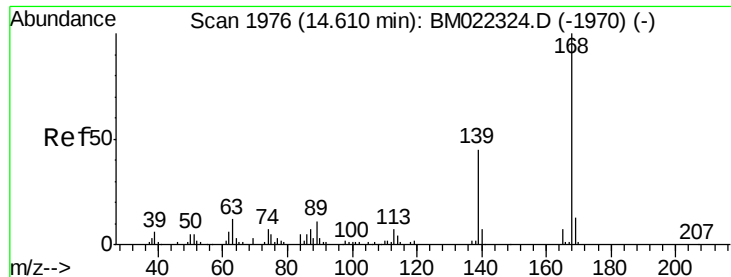
Abundance

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





#53

Dibenzofuran

Concen: 10.025 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM022331.D

Acq: 26 Aug 2019 15:19

Instrument :

BNA_M

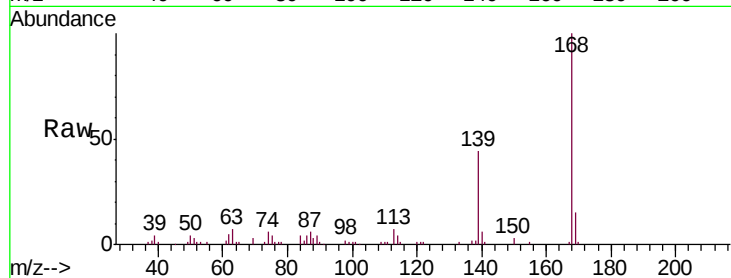
ClientSampleId :

Tot Ion:168 Resp: 86075

Ion Ratio Lower Upper

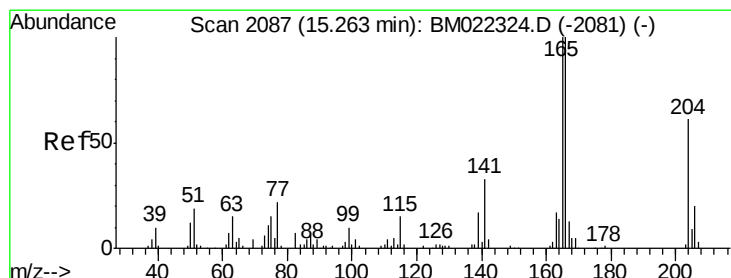
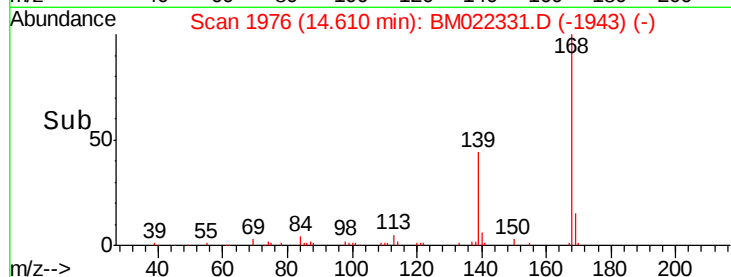
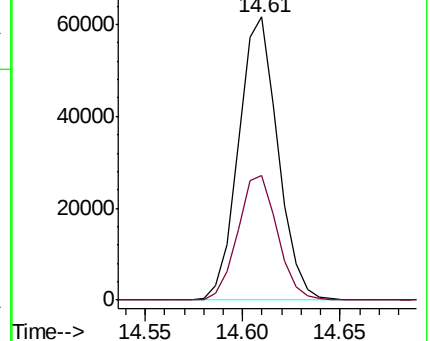
168 100

139 43.9 36.2 54.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 8.008 ng/ul

RT: 15.26 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BM022331.D

Acq: 26 Aug 2019 15:19

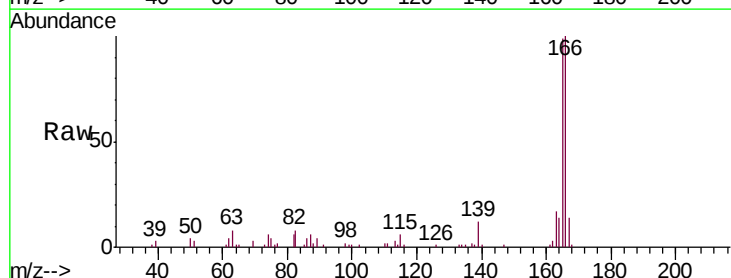
Tgt Ion:166 Resp: 57916

Ion Ratio Lower Upper

166 100

165 99.1 80.2 120.2

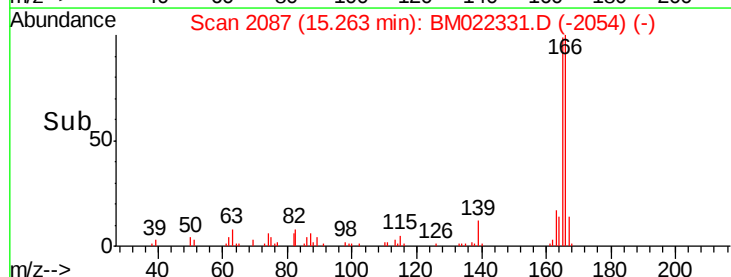
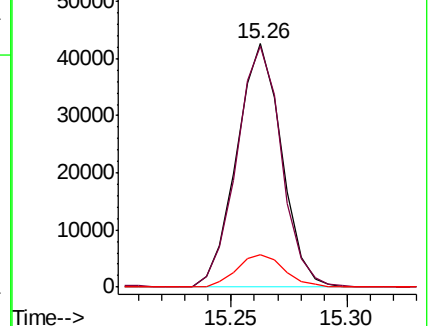
167 13.5 11.4 17.0

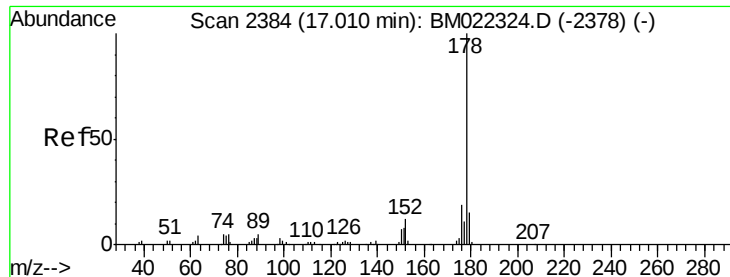


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 7.031 ng/ul

RT: 17.01 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM022331.D

Acq: 26 Aug 2019 15:19

Instrument :

BNA_M

ClientSampleId :

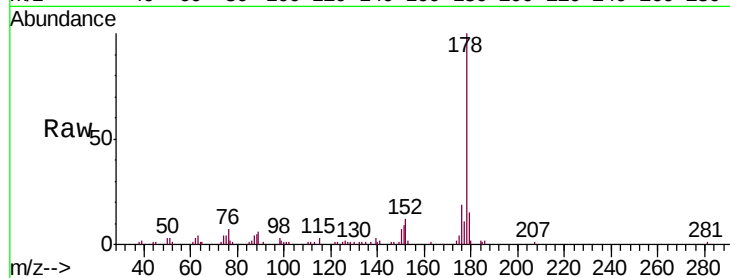
Tot Ion:178 Resp: 83246

Ion Ratio Lower Upper

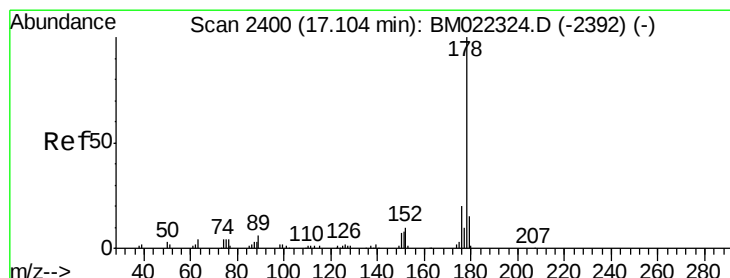
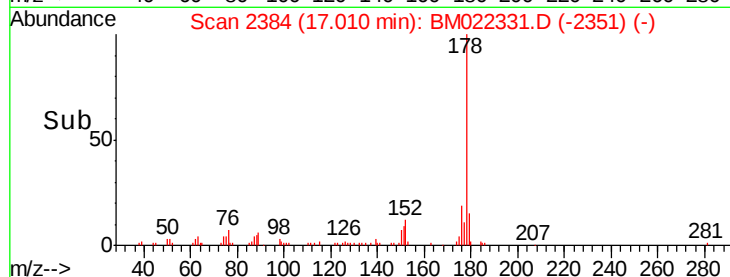
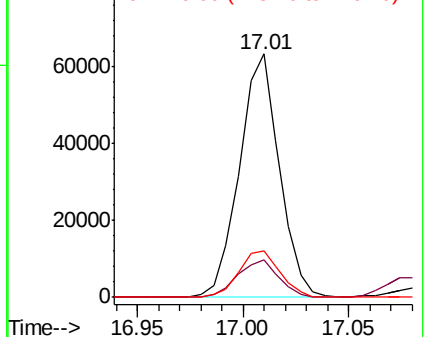
178 100

179 15.5 12.4 18.6

176 18.9 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



#71

Anthracene

Concen: 6.757 ng/ul

RT: 17.01 min Scan# 2384

Delta R.T. -0.10 min

Lab File: BM022331.D

Acq: 26 Aug 2019 15:19

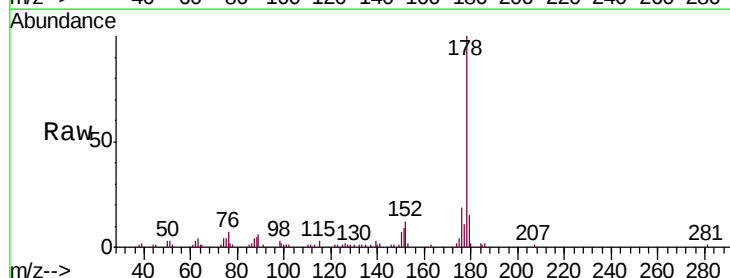
Tgt Ion:178 Resp: 83246

Ion Ratio Lower Upper

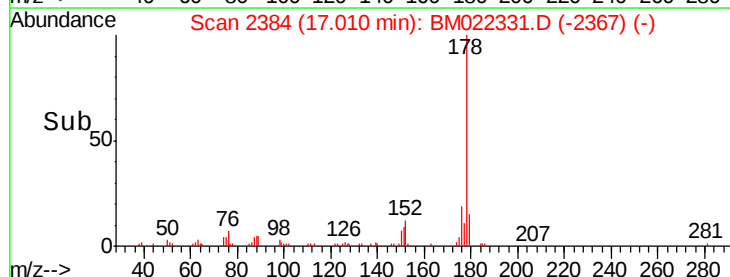
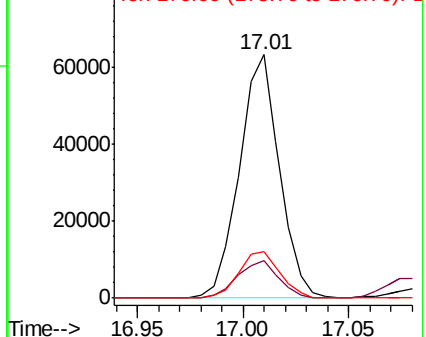
178 100

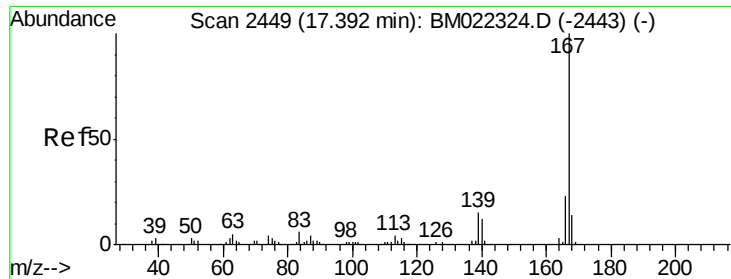
179 15.5 12.3 18.5

176 18.9 15.5 23.3



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





#74

Carbazole

Concen: 17.891 ng/ul

RT: 17.39 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BM022331.D

Acq: 26 Aug 2019 15:19

Instrument :

BNA_M

ClientSampleId :

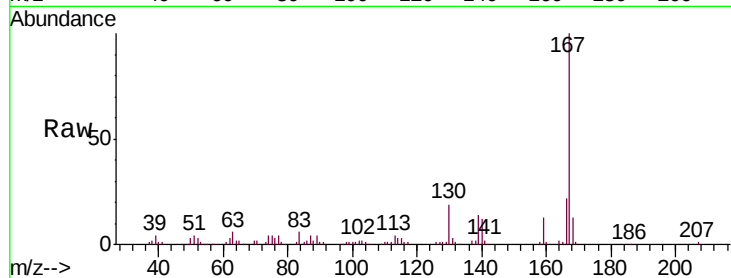
Tot Ion:167 Resp: 199098

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.8

139 14.4 11.8 17.8



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

