

Data File : BM024999.D
Acq On : 21 Feb 2020 22:34
Operator : CG/JU
Sample : L1486-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBCX2DL

Quant Time: Feb 22 01:19:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	161101	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	652868	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.99	164	435172	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	979783	20.00	ng/ul	0.00
78) Chrysene-d12	20.96	240	1070003	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1296997	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.96	96	1082	0.32	ng/uL	0.02
5) Phenol-d5	6.55	99	7211	0.67	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.70	67	32905	5.44	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	35840	3.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	14515	1.61	ng/ul	0.02
19) Nitrobenzene-d5	8.49	128	20656	4.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.20	143	20754	3.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	34283	3.05	ng/ul	0.02
29) 4-Chloroaniline-d4	10.27	131	643	0.06	ng/ul	0.03
44) Dimethylphthalate-d6	13.42	166	202474	6.16	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	222924	5.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	106	0.02	ng/ul	0.14
58) Fluorene-d10	15.00	176	187675	6.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.15	200	15747	2.47	ng/ul	0.00
71) Anthracene-d10	16.85	188	287531	6.43	ng/ul	0.00
79) Pyrene-d10	19.16	212	362053	6.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.91	264	419044	6.43	ng/ul	0.00

Target Compounds

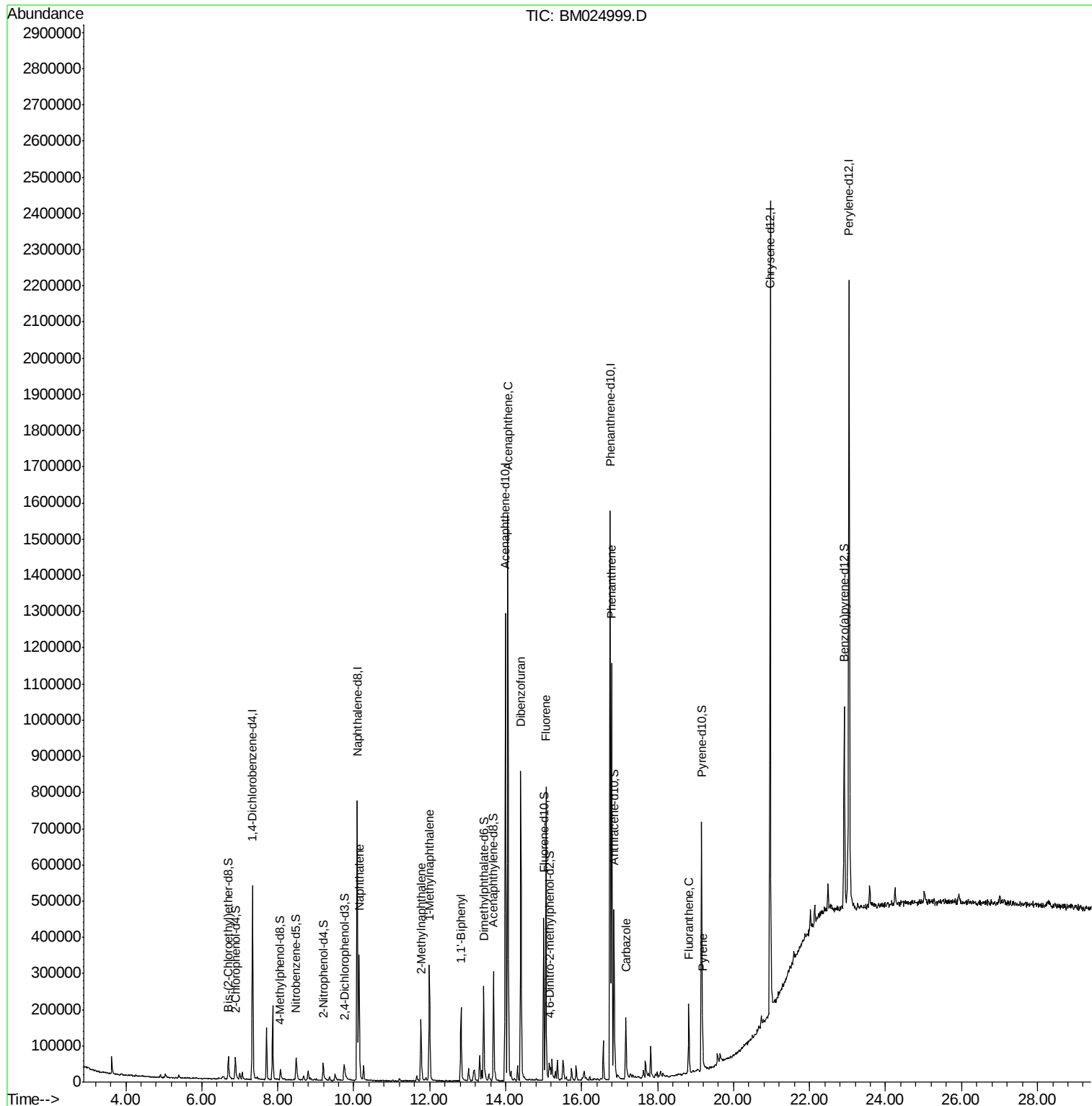
						Qvalue
28) Naphthalene	10.14	128	296232	8.880	ng/ul	98
34) 2-Methylnaphthalene	11.77	142	100069	4.072	ng/ul	98
35) 1-Methylnaphthalene	11.99	142	171454	6.997	ng/ul	97
41) 1,1'-Biphenyl	12.82	154	134085	4.174	ng/ul#	98
50) Acenaphthene	14.06	153	640194	23.857	ng/ul	96
54) Dibenzofuran	14.40	168	624530	15.613	ng/ul	99
59) Fluorene	15.06	166	389112	11.803	ng/ul	99
70) Phenanthrene	16.79	178	690701	12.929	ng/ul	99
75) Carbazole	17.16	167	137239	3.041	ng/ul	98
77) Fluoranthene	18.82	202	128058	1.953	ng/ul#	95
80) Pyrene	19.19	202	76384	1.078	ng/ul#	97

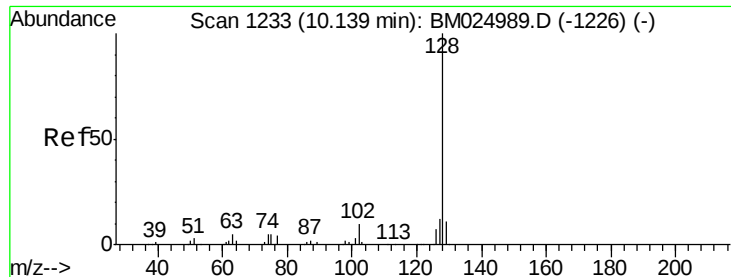
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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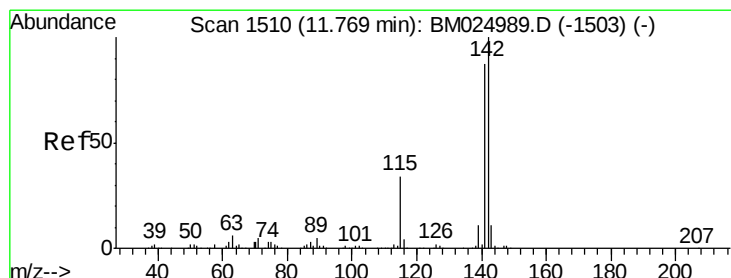
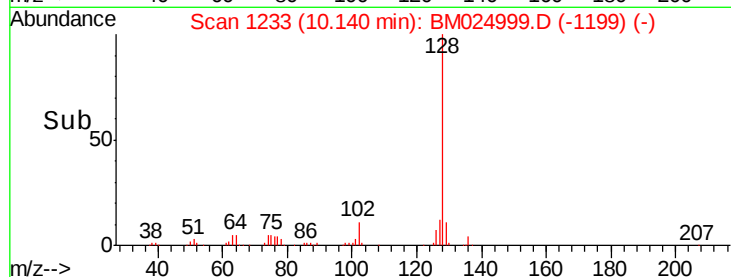
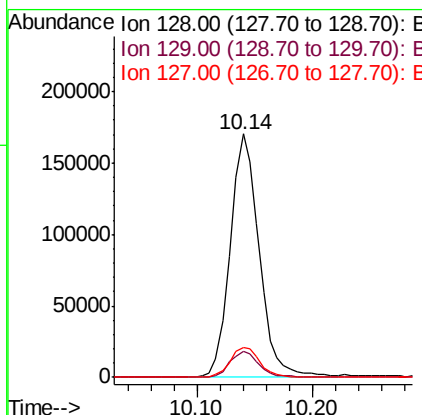
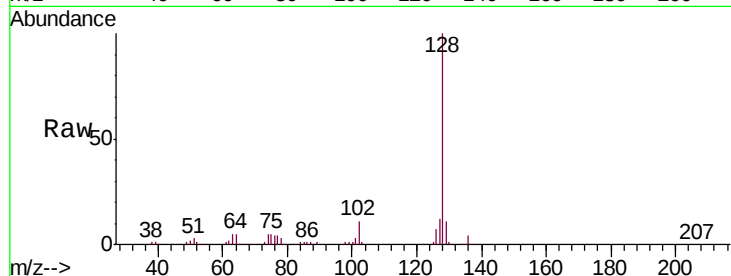




#28
Naphthalene
Concen: 8.880 ng/ul
RT: 10.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BM024999.D
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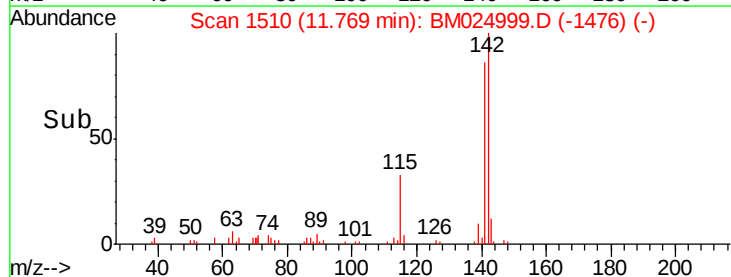
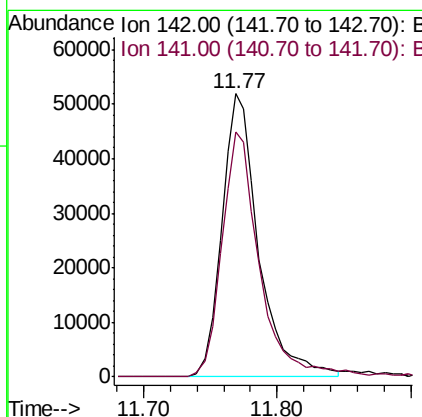
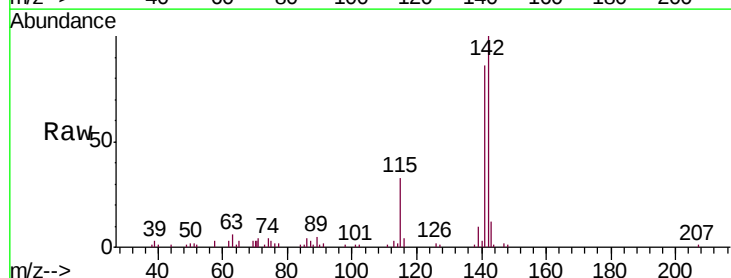
Instrument :
BNA_M
ClientSampleId :
DBCX2DL

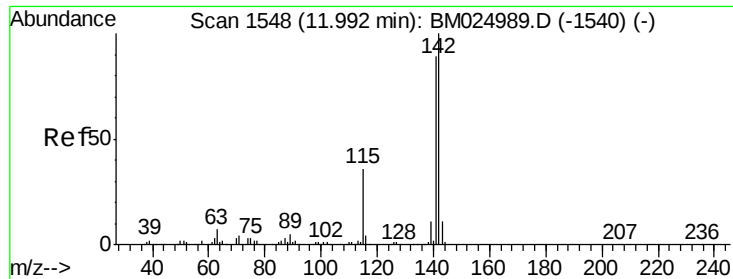
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.1	13.7
127	12.5	10.4	15.6



#34
2-Methylnaphthalene
Concen: 4.072 ng/ul
RT: 11.77 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BM024999.D
Acq: 21 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.5	105.7

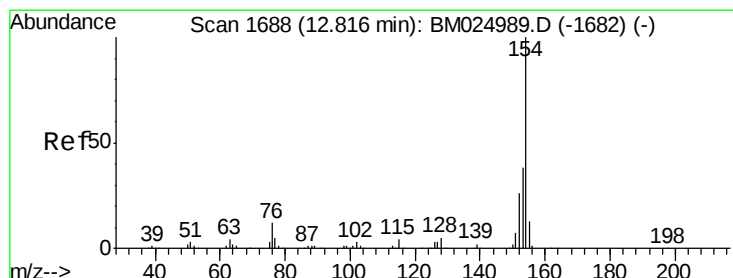
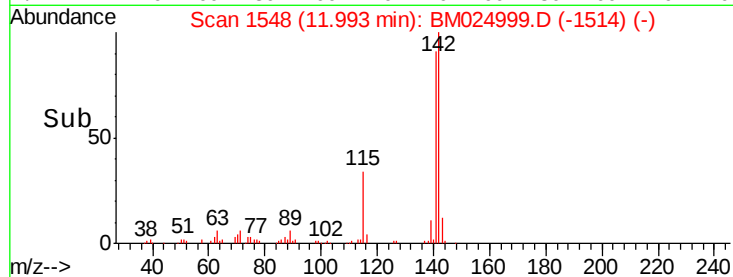
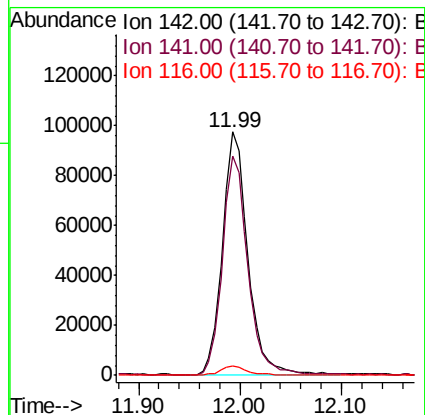
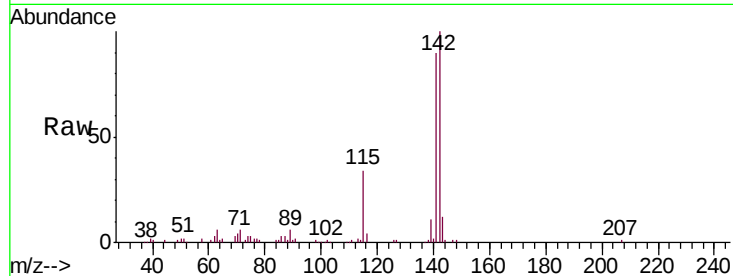




#35
 1-Methylnaphthalene
 Concen: 6.997 ng/ul
 RT: 11.99 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BM024999.D
 Acq: 21 Feb 2020 22:34

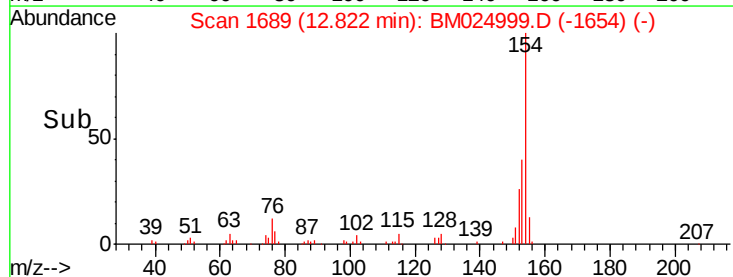
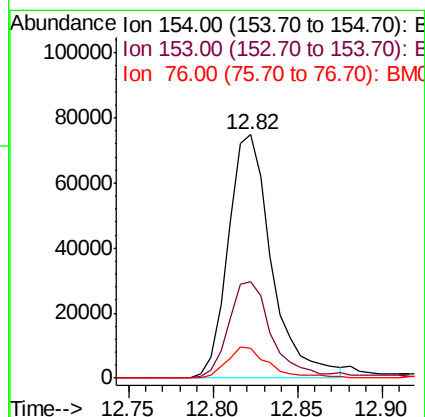
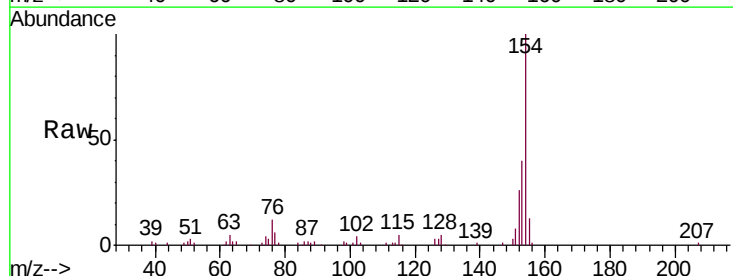
Instrument :
 BNA_M
 ClientSampleId :
 DBCX2DL

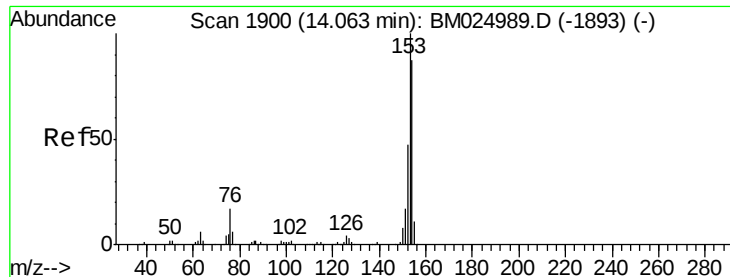
Tgt Ion:142 Resp: 171454
 Ion Ratio Lower Upper
 142 100
 141 90.0 74.1 111.1
 116 3.8 3.0 4.4



#41
 1,1'-Biphenyl
 Concen: 4.174 ng/ul
 RT: 12.82 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: BM024999.D
 Acq: 21 Feb 2020 22:34

Tgt Ion:154 Resp: 134085
 Ion Ratio Lower Upper
 154 100
 153 39.7 31.4 47.2
 76 12.4 7.5 11.3#





#50

Acenaphthene

Concen: 23.857 ng/ul

RT: 14.06 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM024999.D

Acq: 21 Feb 2020 22:34

Instrument :

BNA_M

ClientSampleId :

DBCX2DL

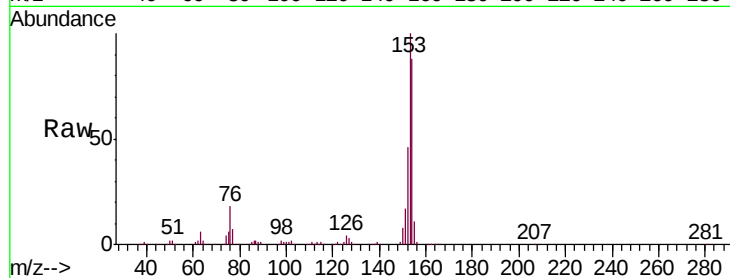
Tgt Ion:153 Resp: 640194

Ion Ratio Lower Upper

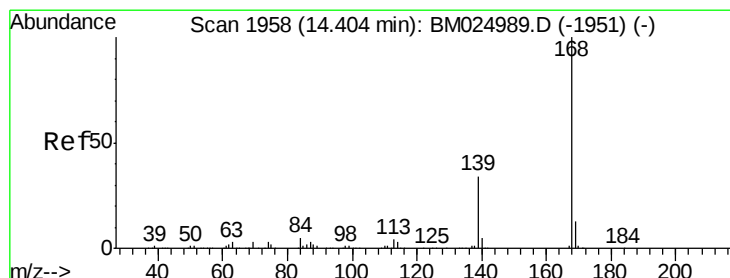
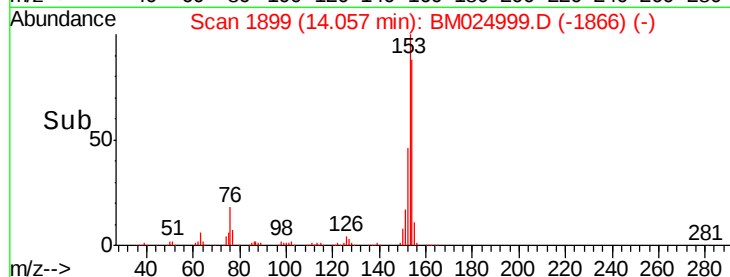
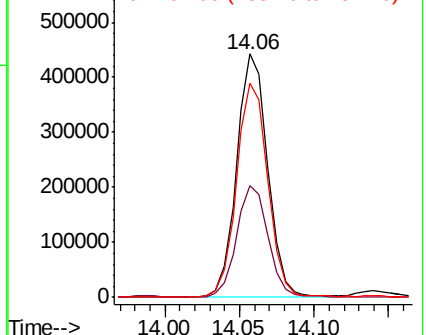
153 100

152 45.9 37.3 55.9

154 87.8 74.1 111.1



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: 15.613 ng/ul

RT: 14.40 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM024999.D

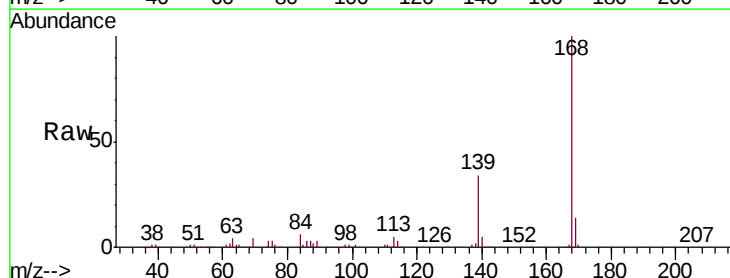
Acq: 21 Feb 2020 22:34

Tgt Ion:168 Resp: 624530

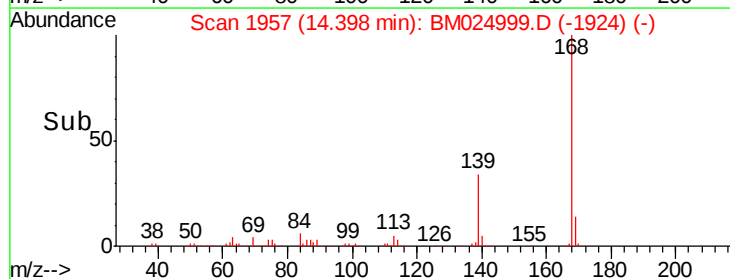
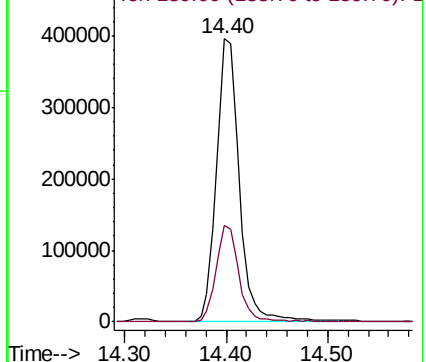
Ion Ratio Lower Upper

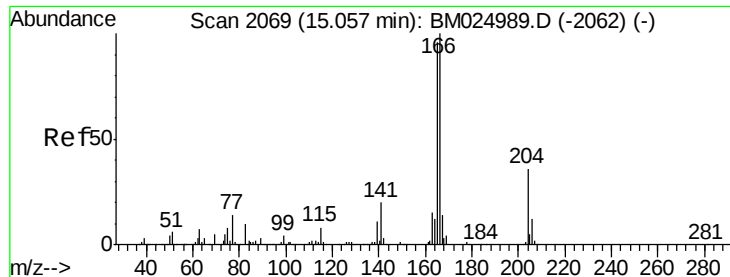
168 100

139 34.1 27.8 41.8



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





#59

Fluorene

Concen: 11.803 ng/ul

RT: 15.06 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BM024999.D

Acq: 21 Feb 2020 22:34

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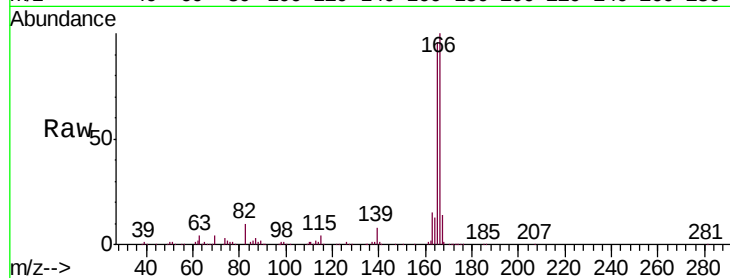
Tgt Ion:166 Resp: 389112

Ion Ratio Lower Upper

166 100

165 96.1 75.8 113.8

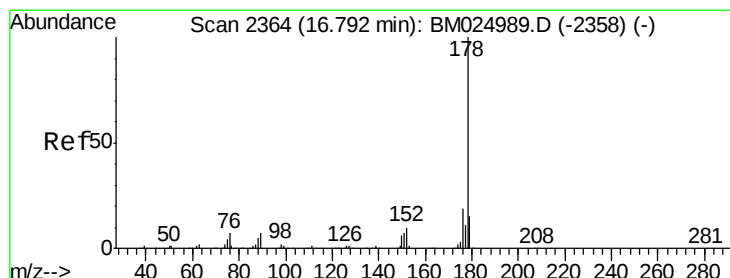
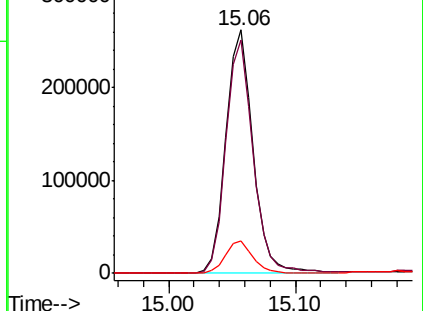
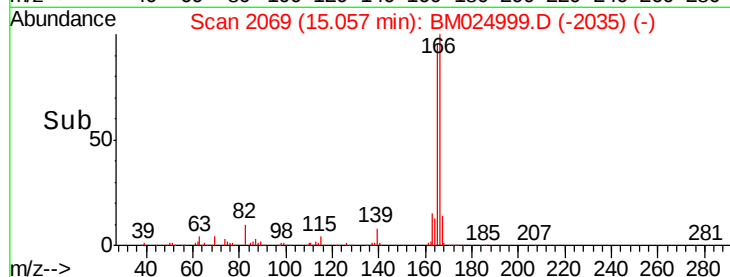
167 13.5 10.6 16.0



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



#70

Phenanthrene

Concen: 12.929 ng/ul

RT: 16.79 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BM024999.D

Acq: 21 Feb 2020 22:34

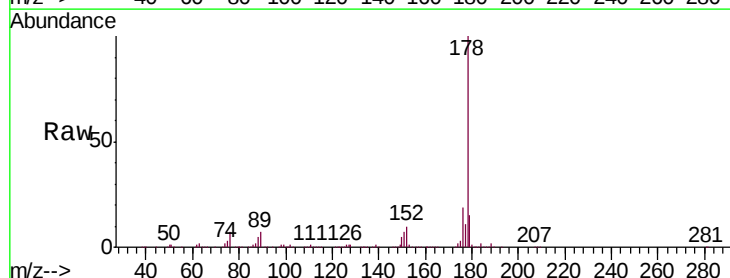
Tgt Ion:178 Resp: 690701

Ion Ratio Lower Upper

178 100

179 14.7 12.2 18.2

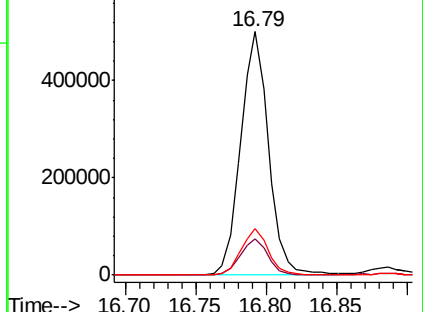
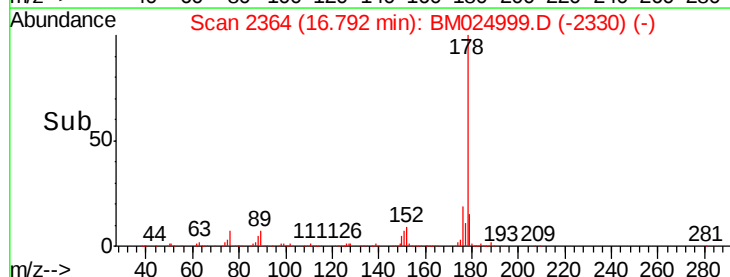
176 18.9 14.5 21.7

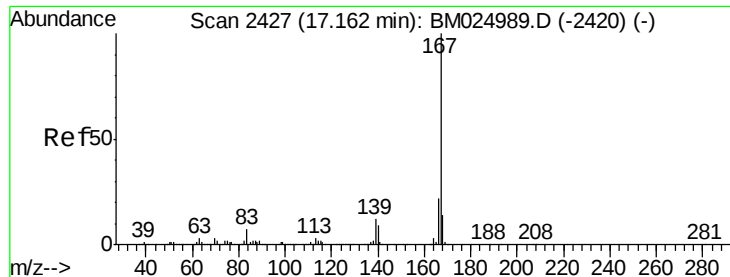


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 3.041 ng/ul

RT: 17.16 min Scan# 2427

Delta R.T. 0.00 min

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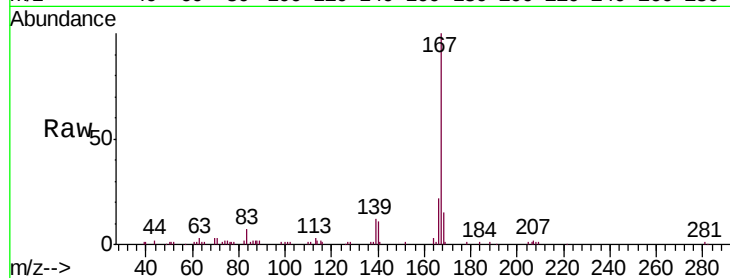
Tgt Ion:167 Resp: 137239

Ion Ratio Lower Upper

167 100

166 22.2 16.6 24.8

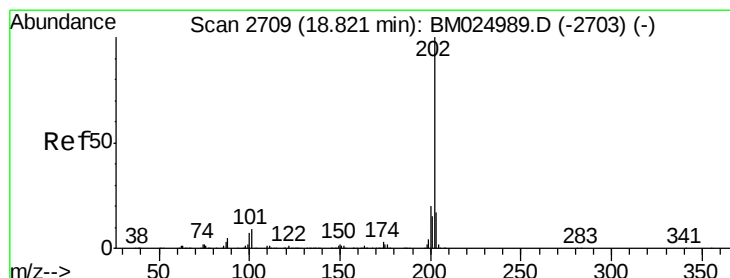
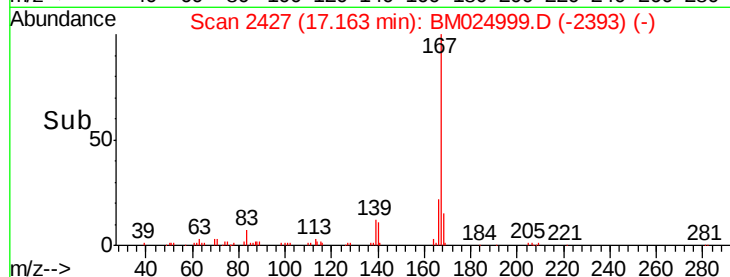
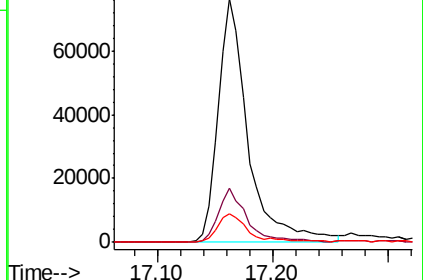
139 11.9 9.3 13.9



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



#77

Fluoranthene

Concen: 1.953 ng/ul

RT: 18.82 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BM024999.D

Acq: 21 Feb 2020 22:34

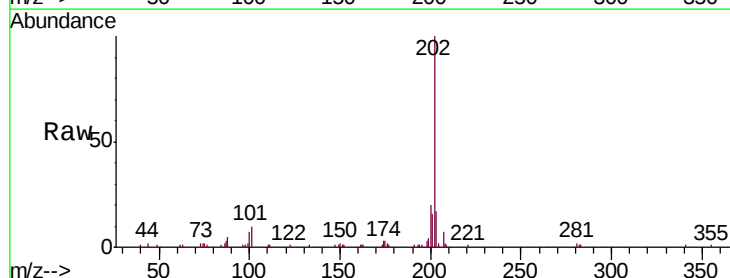
Tgt Ion:202 Resp: 128058

Ion Ratio Lower Upper

202 100

101 9.9 6.1 9.1#

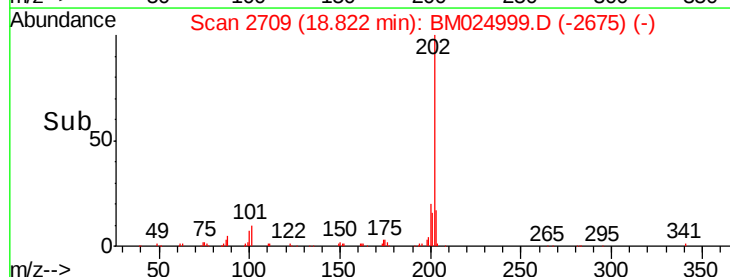
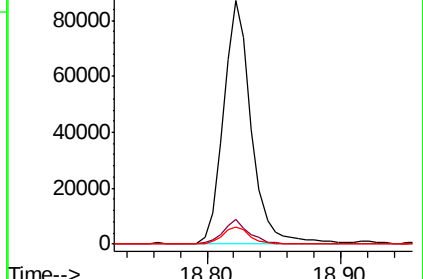
100 6.9 4.8 7.2

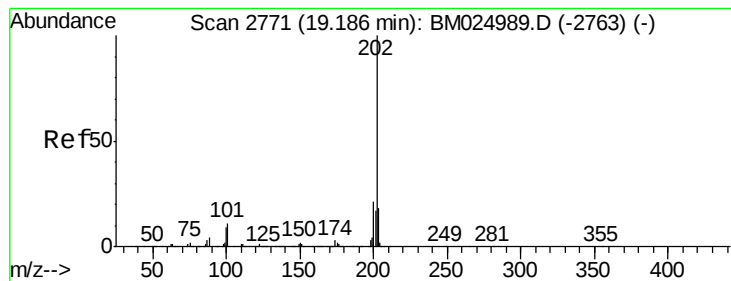


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

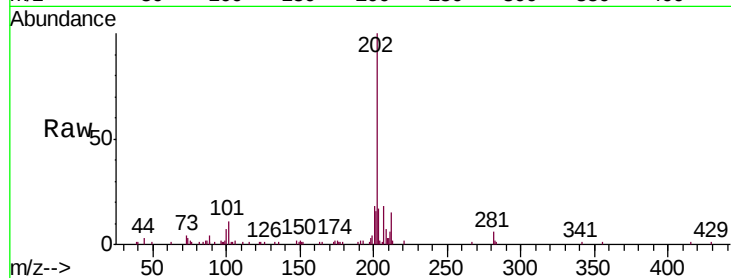




#80
 Pyrene
 Concen: 1.078 ng/ul
 RT: 19.19 min Scan# 2771
 Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	7.0	10.4
100	7.4	5.8	8.8



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

