

Data File : BM024998.D
Acq On : 21 Feb 2020 21:58
Operator : CG/JU
Sample : L1582-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Quant Time: Feb 22 01:19:16 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	175755	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	709701	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.00	164	509970	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	1156942	20.00	ng/ul	0.00
78) Chrysene-d12	20.96	240	1223290	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1405782	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.94	96	22476	6.15	ng/uL	0.00
5) Phenol-d5	6.54	99	81319	6.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.69	67	252752	38.33	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	282958	27.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.06	113	172000	17.46	ng/ul	0.00
19) Nitrobenzene-d5	8.48	128	188327	36.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.20	143	209337	34.52	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.75	165	374851	30.64	ng/ul	0.02
29) 4-Chloroaniline-d4	10.27	131	90471	7.91	ng/ul	0.03
44) Dimethylphthalate-d6	13.43	166	1298316	33.73	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	1608161	35.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	26519	4.24	ng/ul	0.01
58) Fluorene-d10	15.00	176	1233917	36.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.14	200	216228	28.67	ng/ul	0.00
71) Anthracene-d10	16.85	188	1966068	37.23	ng/ul	0.00
79) Pyrene-d10	19.16	212	2332196	38.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.91	264	2666261	37.76	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.51	77	22178	2.888	ng/ul#	1
23) 2-Nitrophenol	9.25	139	7503	1.150	ng/ul#	58
30) 4-Chloroaniline	10.23	127	20190985	1767.902	ng/ul#	9
35) 1-Methylnaphthalene	12.01	142	12229167	459.074	ng/ul	99
41) 1,1'-Biphenyl	12.82	154	4630518	122.998	ng/ul#	97
48) Acenaphthylene	13.71	152	152554	3.276	ng/ul#	82
50) Acenaphthene	14.07	153	13942447	443.357	ng/ul	98
54) Dibenzofuran	14.41	168	11731919	250.270	ng/ul	97
59) Fluorene	15.06	166	6395231	165.534	ng/ul	98
61) 4-Nitroaniline	15.06	138	67911	8.965	ng/ul#	27
70) Phenanthrene	16.80	178	7582126	120.195	ng/ul	99
72) Anthracene	16.80	178	7582126	118.515	ng/ul	99
75) Carbazole	17.17	167	13553560	254.297	ng/ul#	91

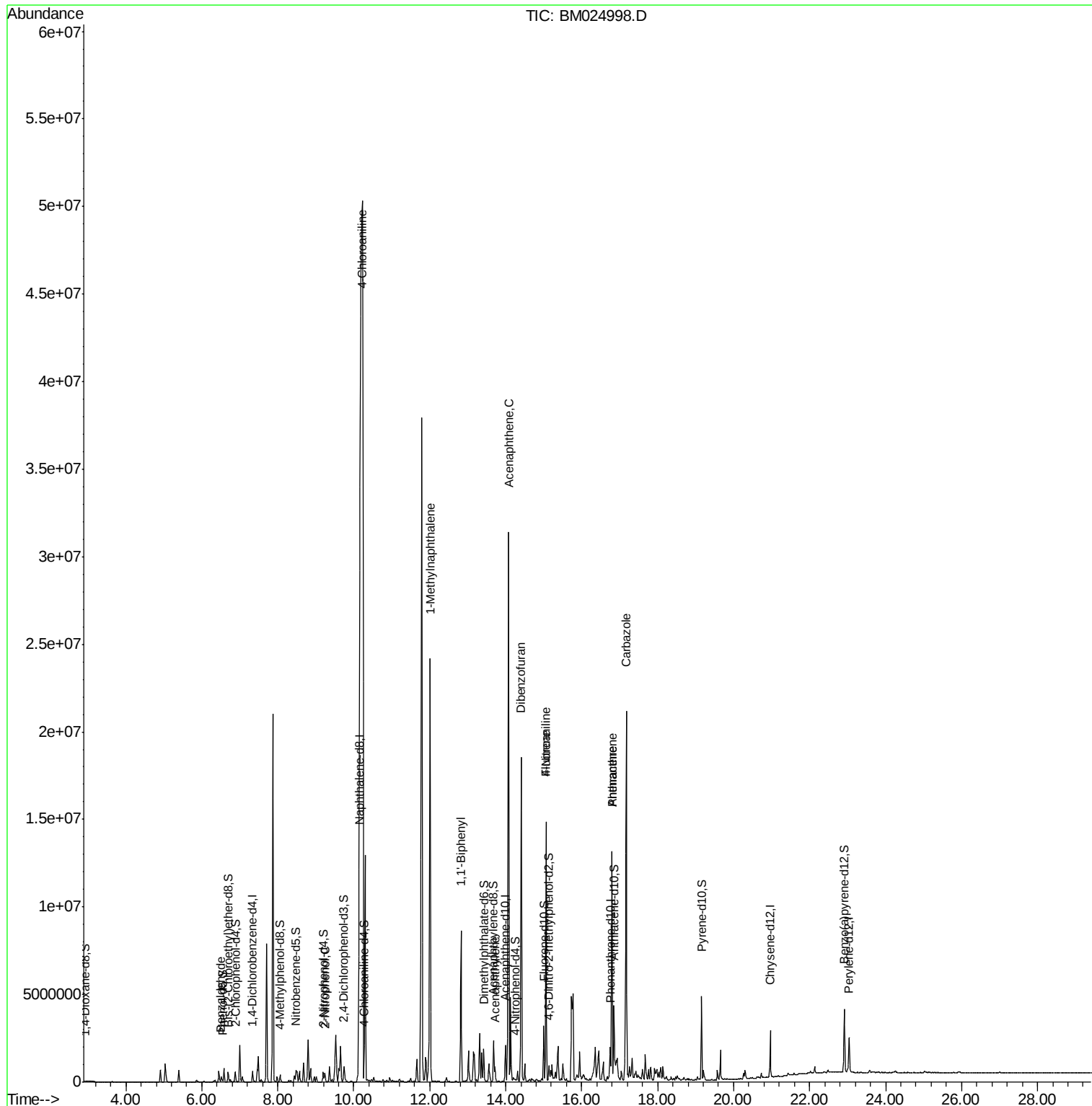
(#) = qualifier out of range (m) = manual integration (+) = signals summed

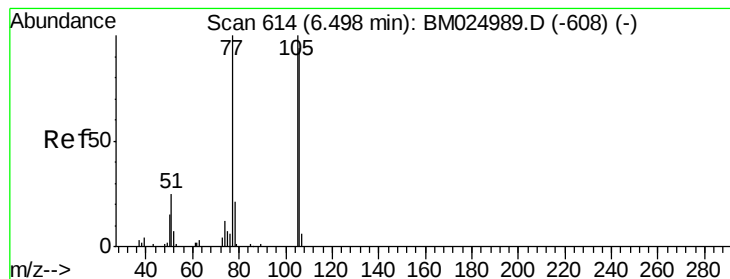
Data File : BM024998.D

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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





#4

Benzaldehyde

Concen: 2.888 ng/ul

RT: 6.51 min Scan# 616

Delta R.T. 0.01 min

Lab File: BM024998.D

Acq: 21 Feb 2020 21:58

Instrument :

BNA_M

ClientSampleId :

DBDJ9

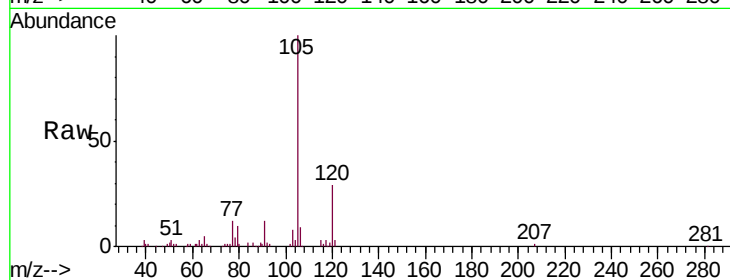
Tgt Ion: 77 Resp: 22178

Ion Ratio Lower Upper

77 100

105 829.0 76.2 114.2#

106 74.8 75.4 113.2#

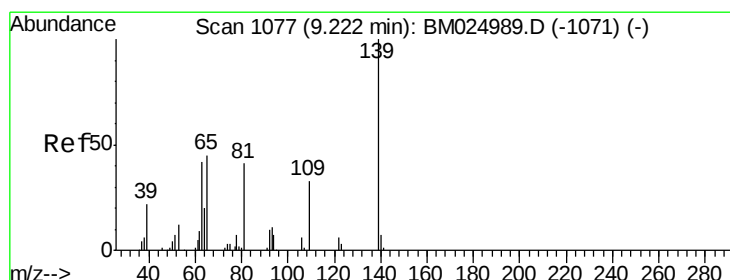
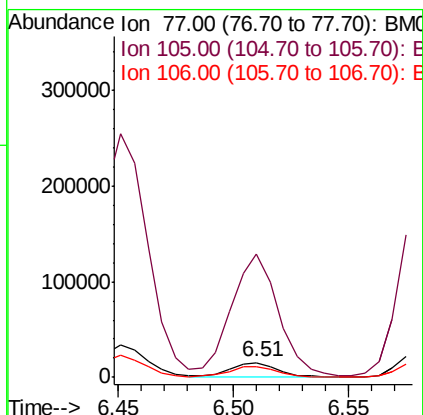
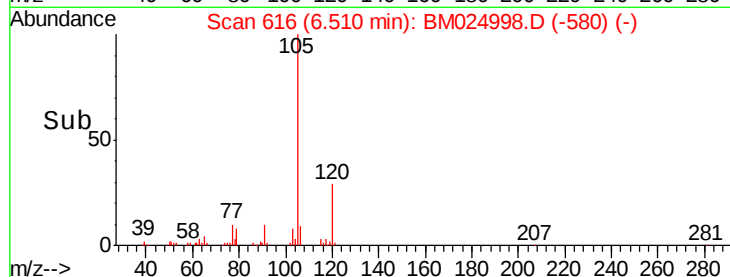


Abundance Ion 77.00 (76.70 to 77.70): BM024998.D (-580) (-)

Ion 105.00 (104.70 to 105.70): BM024998.D (-580) (-)

Ion 106.00 (105.70 to 106.70): BM024998.D (-580) (-)

Time-->



#23

2-Nitrophenol

Concen: 1.150 ng/ul

RT: 9.25 min Scan# 1081

Delta R.T. 0.02 min

Lab File: BM024998.D

Acq: 21 Feb 2020 21:58

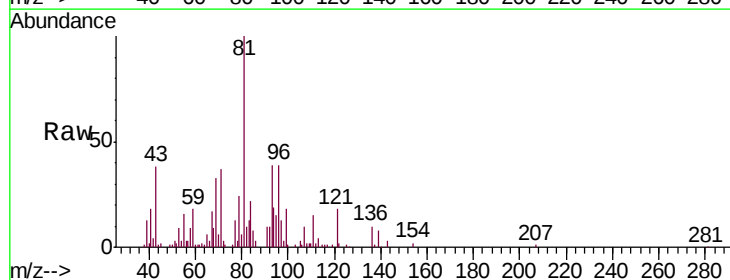
Tgt Ion: 139 Resp: 7503

Ion Ratio Lower Upper

139 100

65 82.2 33.0 49.6#

109 25.0 25.4 38.0#

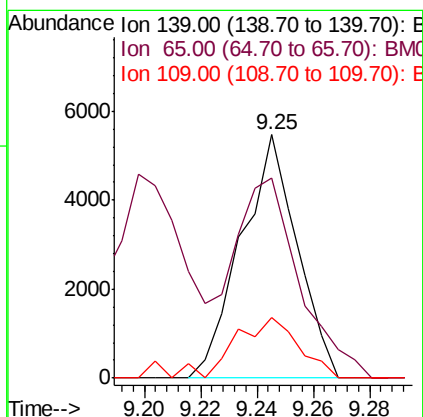
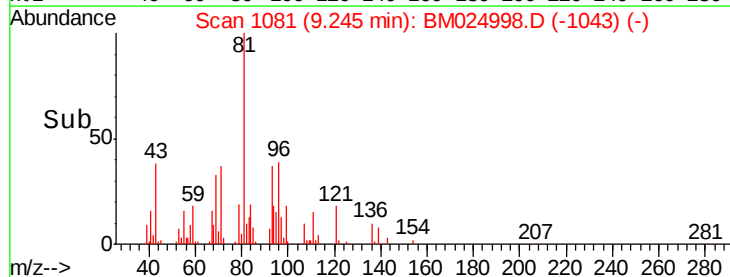


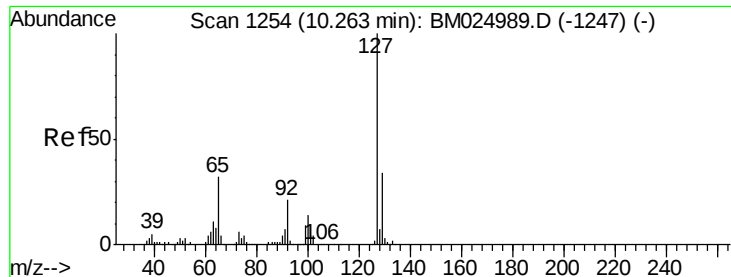
Abundance Ion 139.00 (138.70 to 139.70): BM024998.D (-1043) (-)

Ion 65.00 (64.70 to 65.70): BM024998.D (-1043) (-)

Ion 109.00 (108.70 to 109.70): BM024998.D (-1043) (-)

Time-->

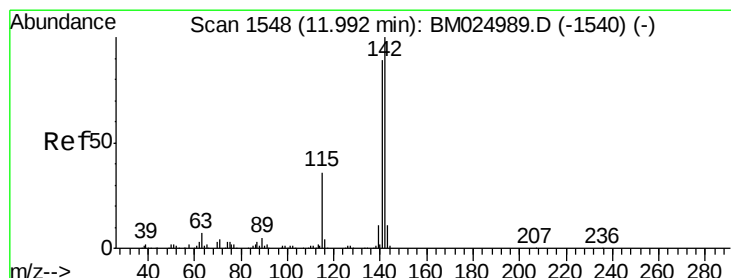
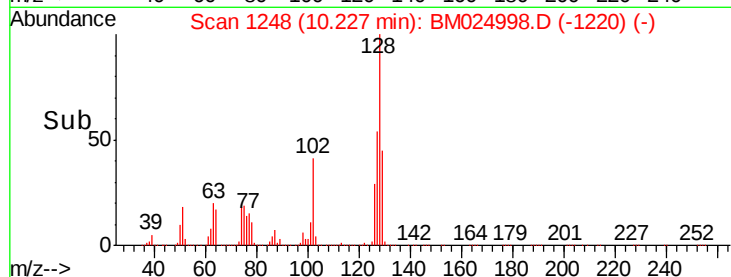
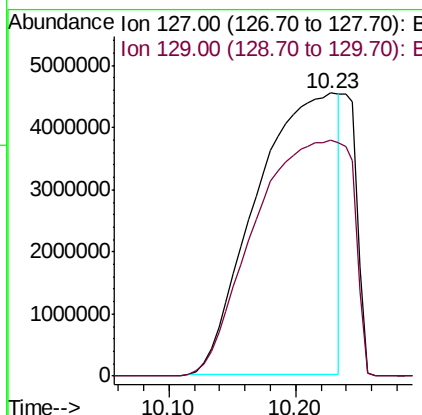
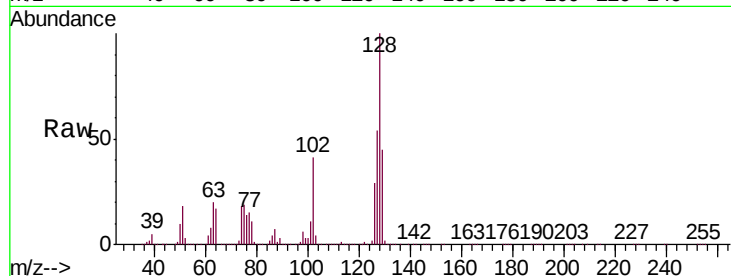




#30
4-Chloroaniline
Concen: 1767.902 ng/ul
RT: 10.23 min Scan# 1248
Delta R.T. -0.04 min
Lab File: BM024998.D
Acq: 21 Feb 2020 21:58

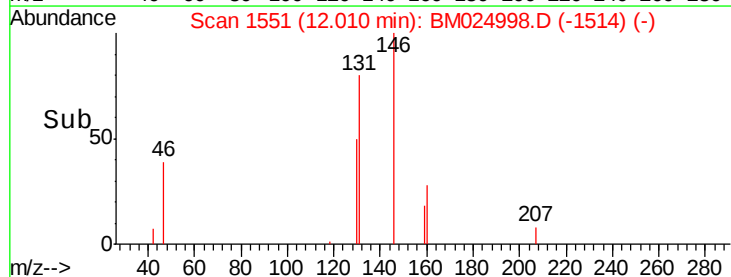
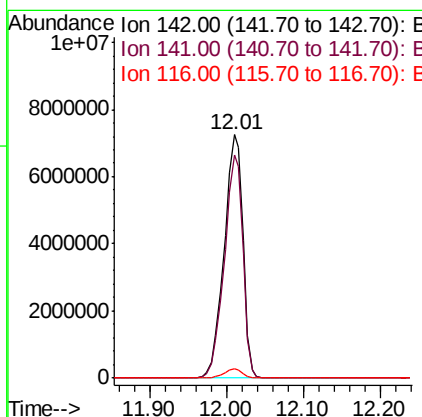
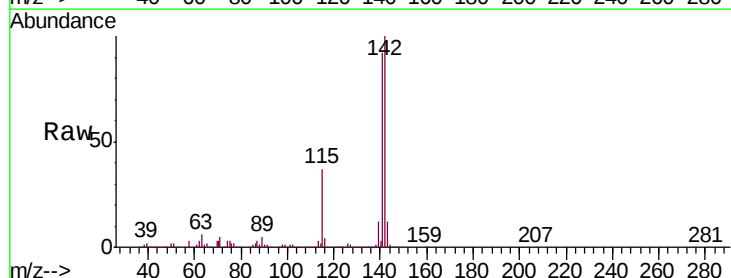
Instrument :
BNA_M
ClientSampleId :
DBDJ9

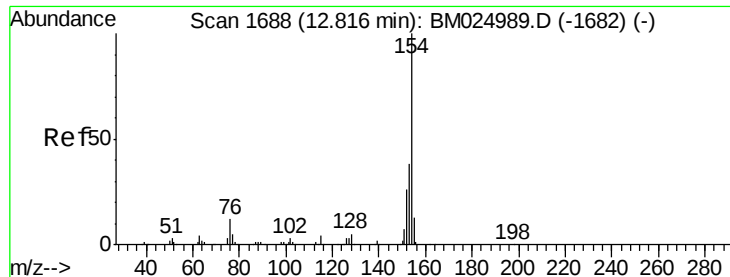
Tgt Ion:127 Resp:20190985
Ion Ratio Lower Upper
127 100
129 83.2 25.8 38.8#



#35
1-Methylnaphthalene
Concen: 459.074 ng/ul
RT: 12.01 min Scan# 1551
Delta R.T. 0.02 min
Lab File: BM024998.D
Acq: 21 Feb 2020 21:58

Tgt Ion:142 Resp:12229167
Ion Ratio Lower Upper
142 100
141 91.6 74.1 111.1
116 3.9 3.0 4.4

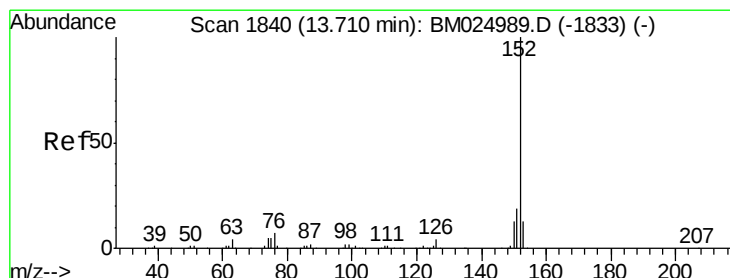
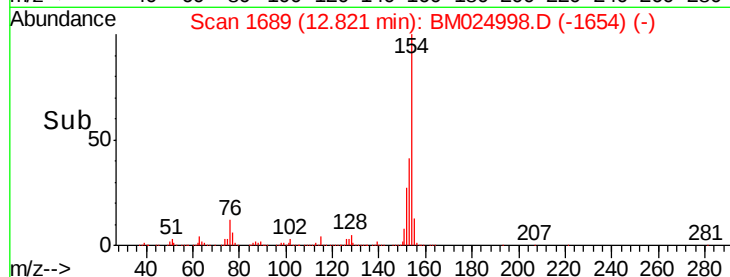
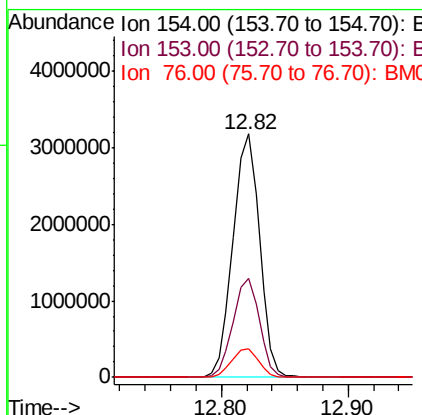
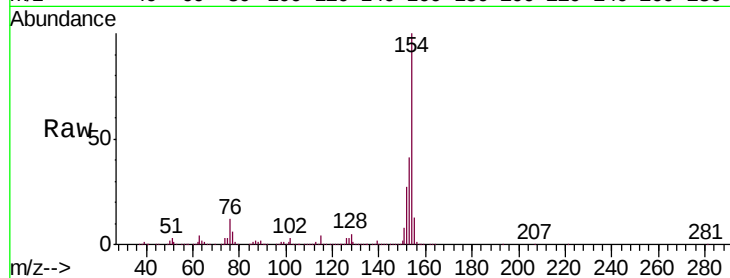




#41
 1,1'-Biphenyl
 Concen: 122.998 ng/ul
 RT: 12.82 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: BM024998.D
 Acq: 21 Feb 2020 21:58

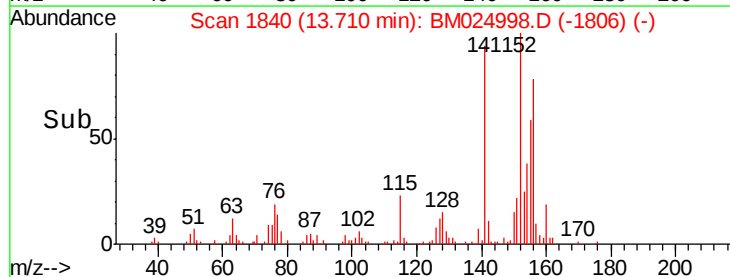
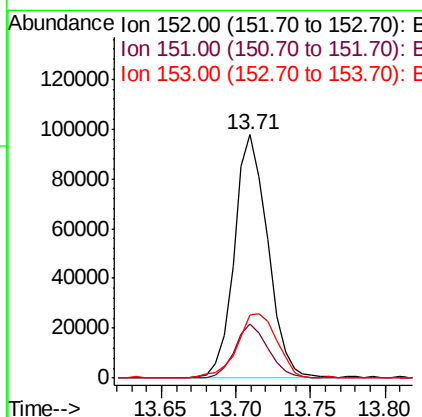
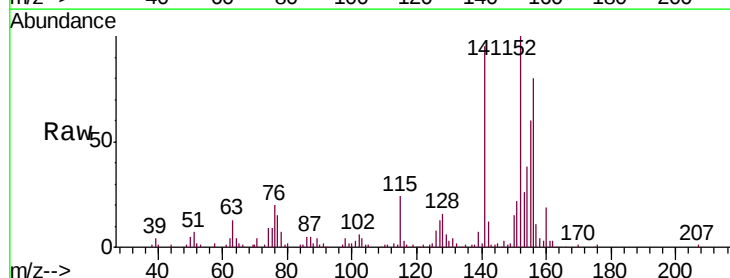
Instrument :
 BNA_M
 ClientSampleId :
 DBDJ9

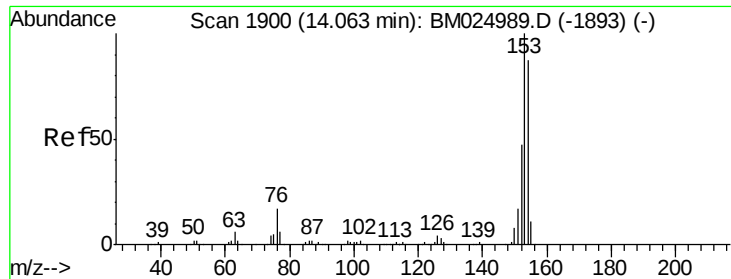
Tgt Ion:154 Resp: 4630518
 Ion Ratio Lower Upper
 154 100
 153 40.6 31.4 47.2
 76 11.7 7.5 11.3#



#48
 Acenaphthylene
 Concen: 3.276 ng/ul
 RT: 13.71 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BM024998.D
 Acq: 21 Feb 2020 21:58

Tgt Ion:152 Resp: 152554
 Ion Ratio Lower Upper
 152 100
 151 22.1 15.1 22.7
 153 25.8 10.1 15.1#





#50

Acenaphthene

Concen: 443.357 ng/ul

RT: 14.07 min Scan# 1902

Delta R.T. 0.01 min

Lab File: BM024998.D

Acq: 21 Feb 2020 21:58

Instrument :

BNA_M

ClientSampleId :

DBDJ9

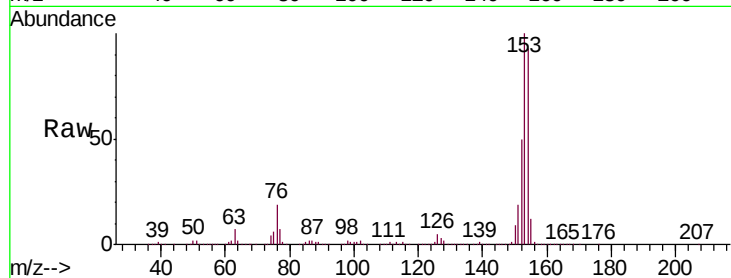
Tgt Ion:153 Resp:13942447

Ion Ratio Lower Upper

153 100

152 49.6 37.3 55.9

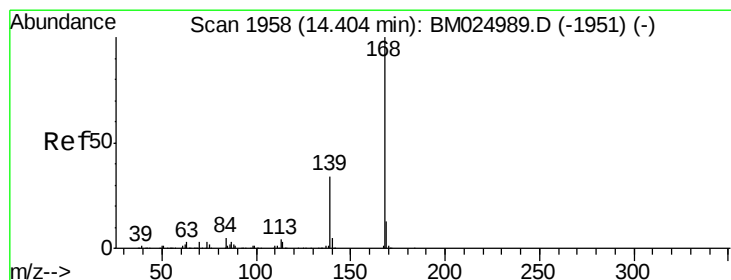
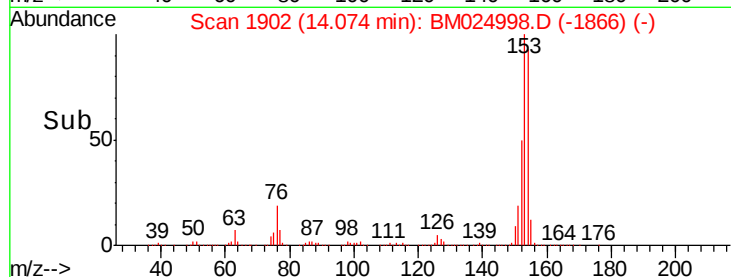
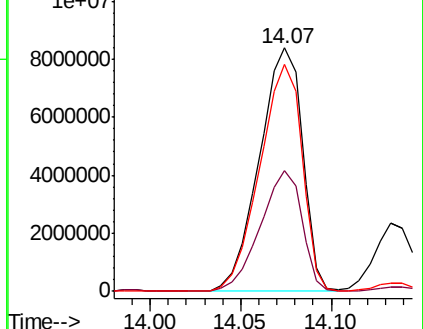
154 93.4 74.1 111.1



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: 250.270 ng/ul

RT: 14.41 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BM024998.D

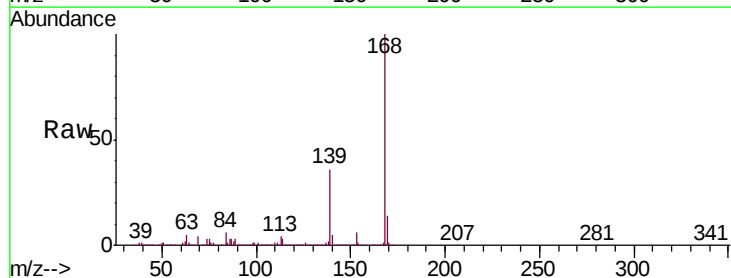
Acq: 21 Feb 2020 21:58

Tgt Ion:168 Resp:11731919

Ion Ratio Lower Upper

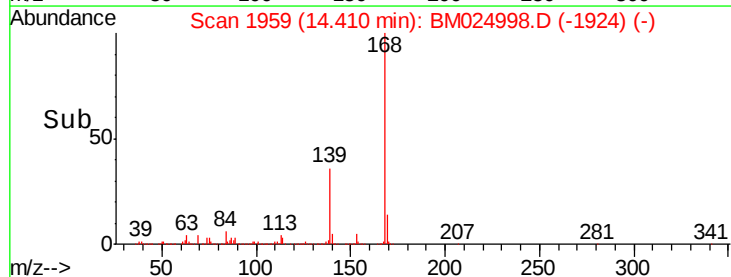
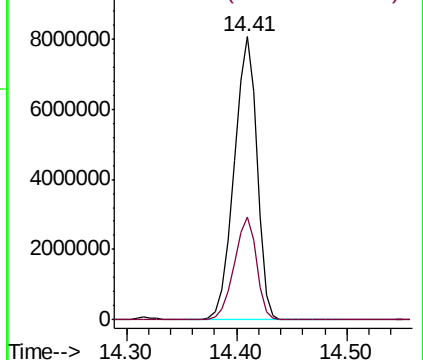
168 100

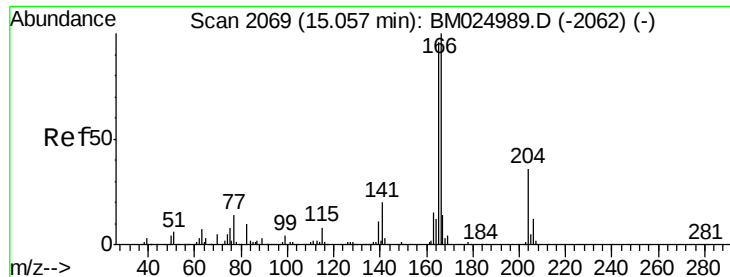
139 36.2 27.8 41.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 165.534 ng/ul

RT: 15.06 min Scan# 2070

Delta R.T. 0.01 min

Lab File: BM024998.D

Acq: 21 Feb 2020 21:58

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ClientSampleId :

DBDJ9

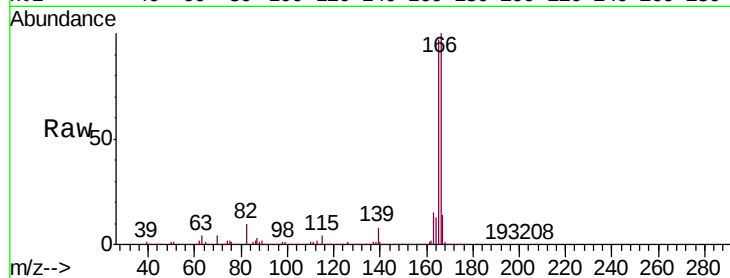
Tgt Ion:166 Resp: 6395231

Ion Ratio Lower Upper

166 100

165 96.8 75.8 113.8

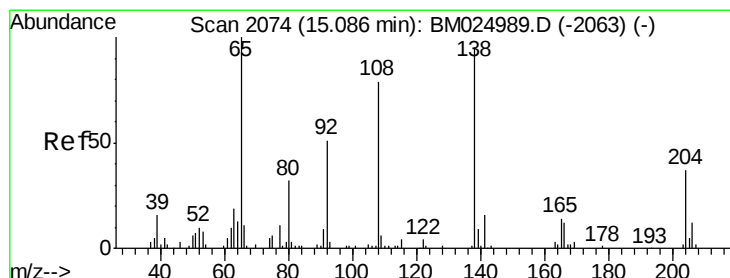
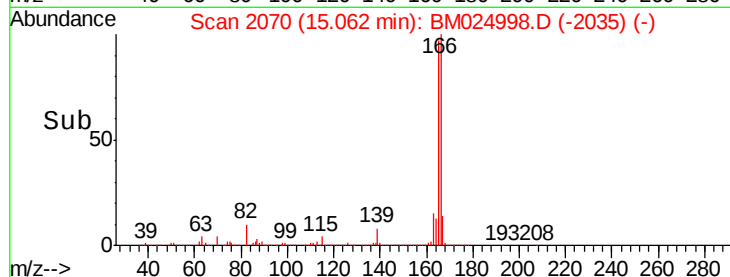
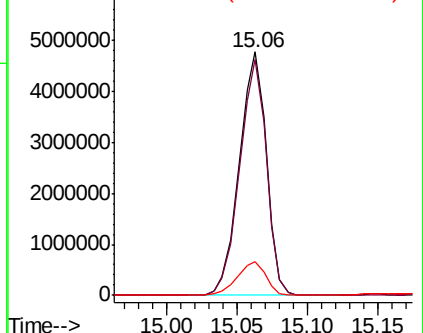
167 13.7 10.6 16.0



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



#61

4-Nitroaniline

Concen: 8.965 ng/ul

RT: 15.06 min Scan# 2070

Delta R.T. -0.02 min

Lab File: BM024998.D

Acq: 21 Feb 2020 21:58

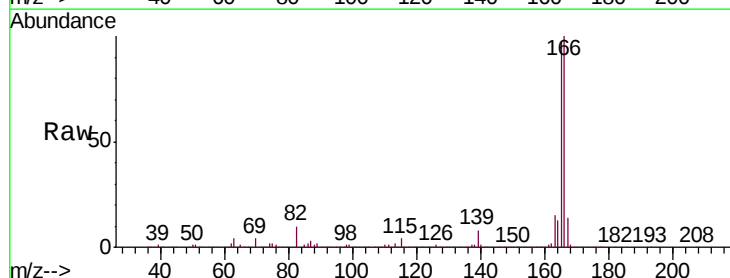
Tgt Ion:138 Resp: 67911

Ion Ratio Lower Upper

138 100

92 2.2 38.0 57.0#

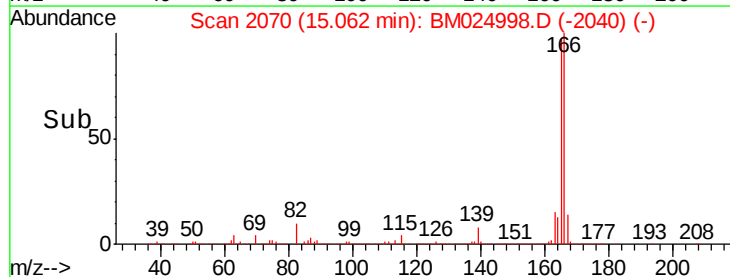
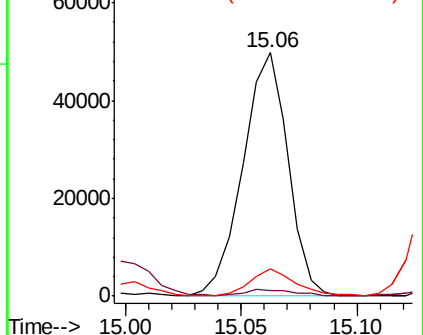
108 11.1 62.1 93.1#

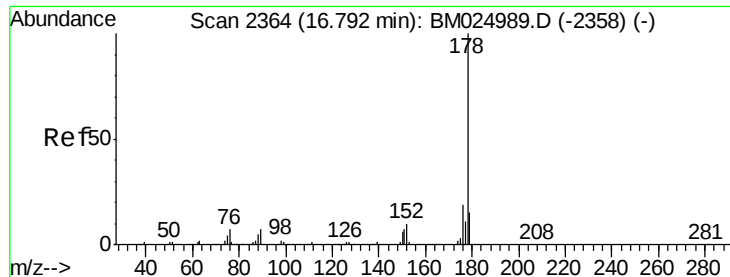


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#70

Phenanthrene

Concen: 120.195 ng/ul

RT: 16.80 min Scan# 2365

Delta R.T. 0.01 min

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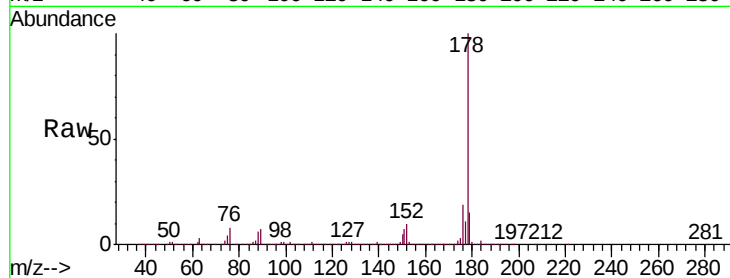
Tgt Ion:178 Resp: 7582126

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

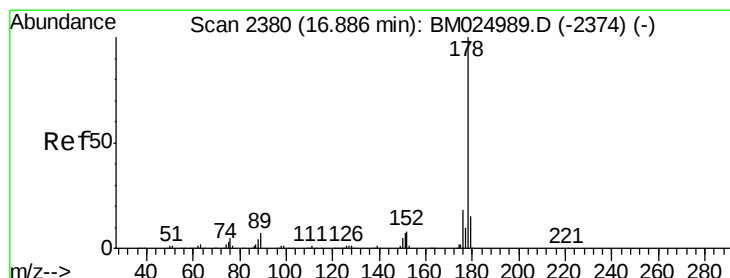
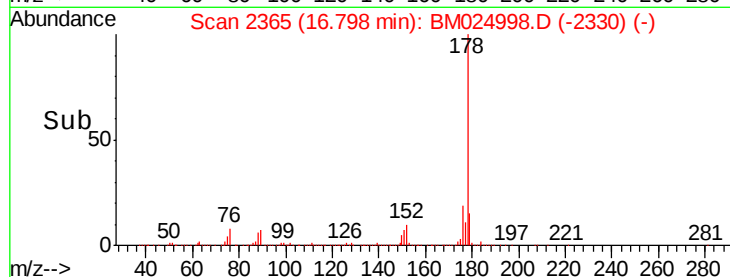
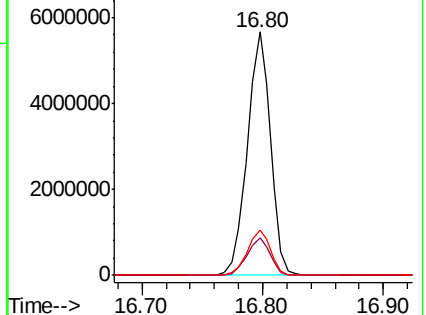
176 18.7 14.5 21.7



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



#72

Anthracene

Concen: 118.515 ng/ul

RT: 16.80 min Scan# 2365

Delta R.T. -0.09 min

Lab File: BM024998.D

Acq: 21 Feb 2020 21:58

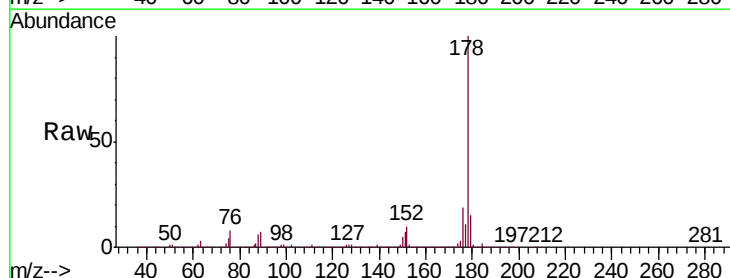
Tgt Ion:178 Resp: 7582126

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

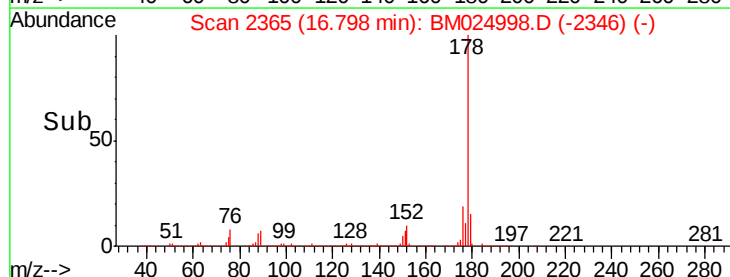
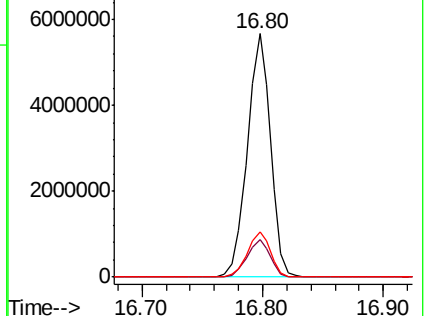
176 18.7 14.1 21.1

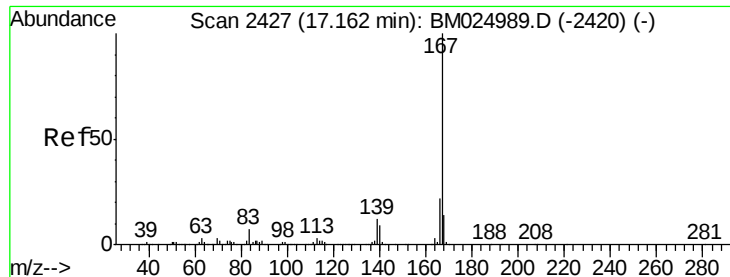


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 254.297 ng/ul

RT: 17.17 min Scan# 2429

Delta R.T. 0.01 min

Lab File: BM024998.D

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Tgt Ion:167 Resp:13553560

Ion Ratio Lower Upper

167 100

166 25.5 16.6 24.8#

139 14.4 9.3 13.9#

