

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024934.D
 Acq On : 18 Feb 2020 17:23
 Operator : CG/JU
 Sample : L1486-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 19 03:43:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 03:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	272456	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	981202	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	615784	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1386189	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	1568265	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1724096	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	34148	6.03	ng/uL	0.00
5) Phenol-d5	6.59	99	124398	6.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	351197	34.36	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	397760	24.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	222995	14.60	ng/ul	-0.01
19) Nitrobenzene-d5	8.53	128	230448	32.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	252987	30.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	440592	26.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	24976	1.58	ng/ul	0.01
44) Dimethylphthalate-d6	13.46	166	1434592	30.86	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	1704974	31.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	31953	4.23	ng/ul	0.00
58) Fluorene-d10	15.04	176	1321025	32.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	217395	24.06	ng/ul	0.00
71) Anthracene-d10	16.89	188	2129104	33.65	ng/ul	0.00
79) Pyrene-d10	19.20	212	2531497	32.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	2961014	34.20	ng/ul	0.00

Target Compounds

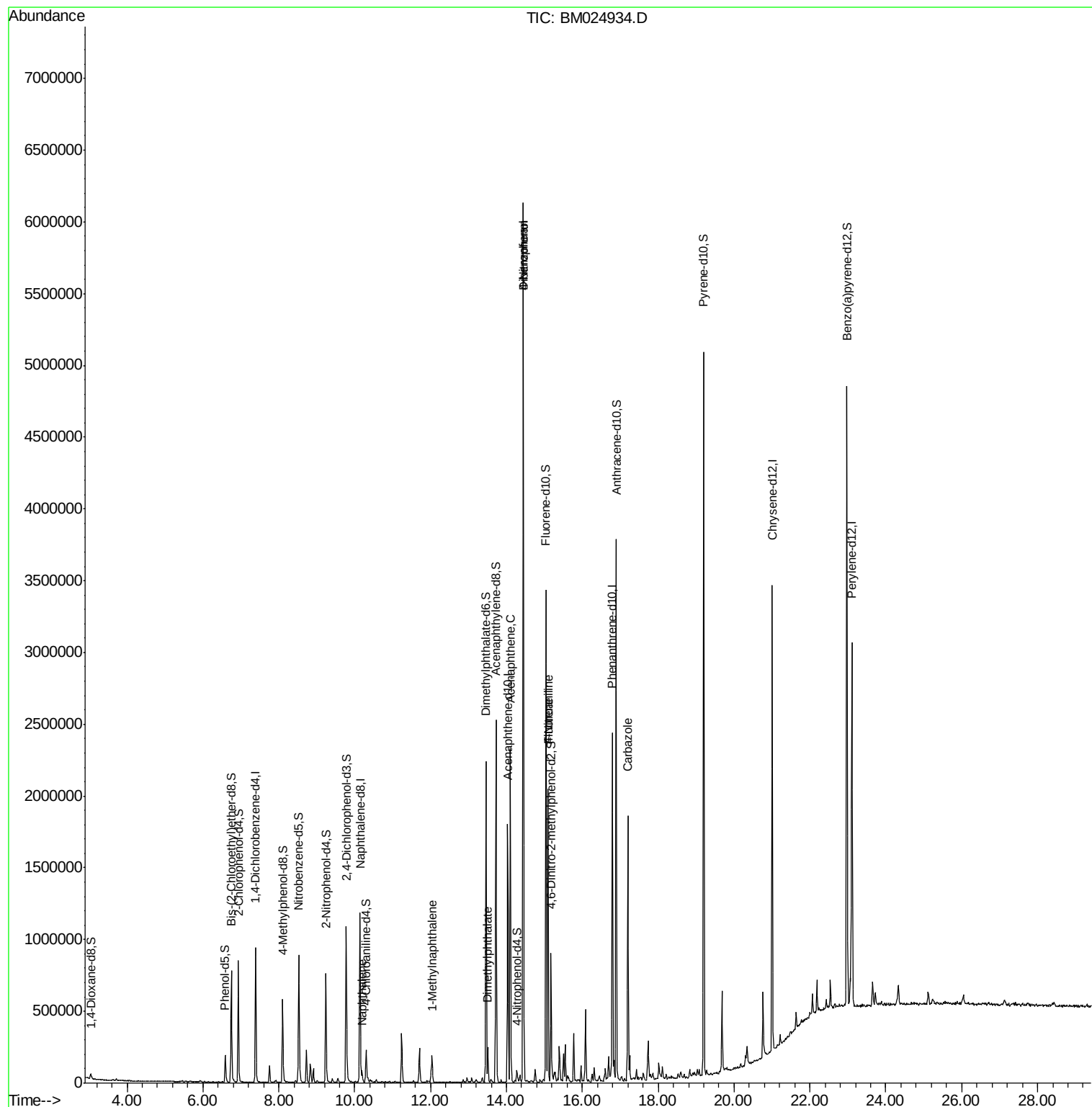
					Ovalue
28) Naphthalene	10.19	128	65433	1.305 ng/ul	97
35) 1-Methylnaphthalene	12.04	142	85134	2.312 ng/ul	97
45) Dimethylphthalate	13.51	163	151888	3.132 ng/ul	99
50) Acenaphthene	14.10	153	940966	24.780 ng/ul	98
53) 4-Nitrophenol	14.44	109	13572	2.200 ng/ul#	1
54) Dibenzofuran	14.45	168	4003229	70.724 ng/ul	100
59) Fluorene	15.10	166	906268	19.427 ng/ul	98
61) 4-Nitroaniline	15.09	138	10828	1.184 ng/ul#	21
75) Carbazole	17.20	167	1165082	18.245 ng/ul	99

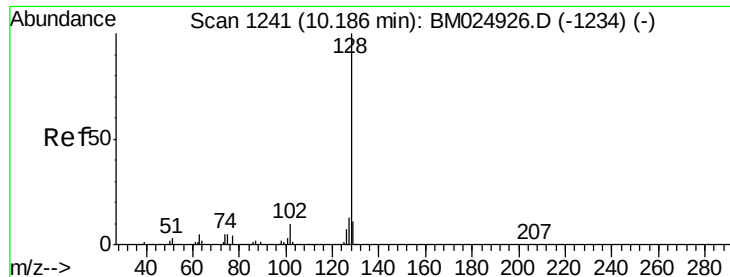
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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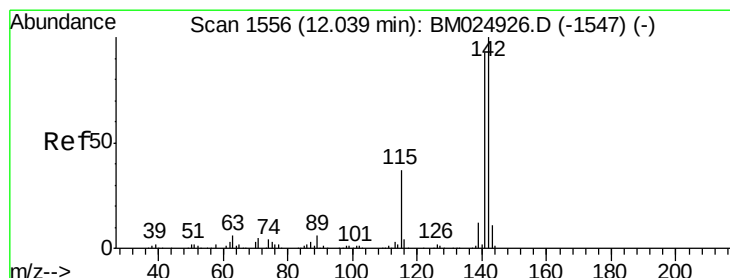
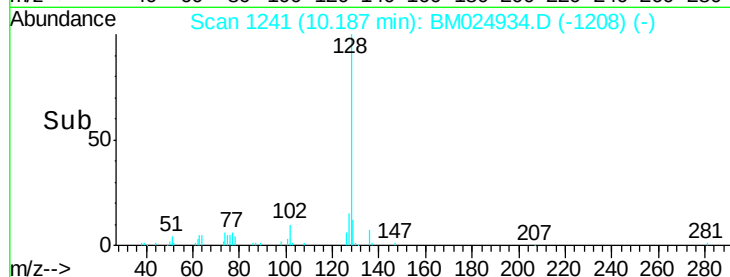
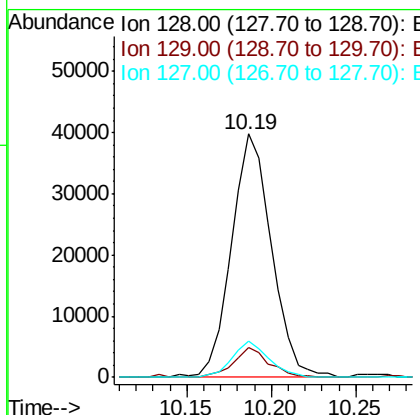
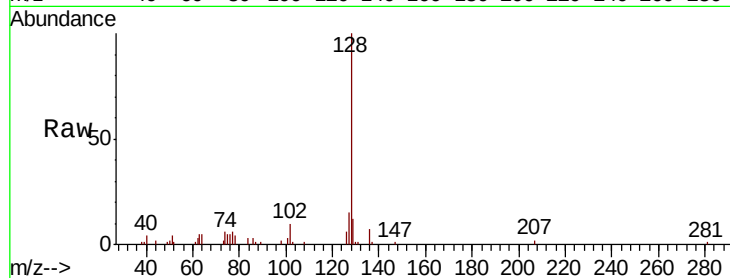




#28
Naphthalene
Concen: 1.305 ng/ul
RT: 10.19 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BM024934.D
Acq: 18 Feb 2020 17:23

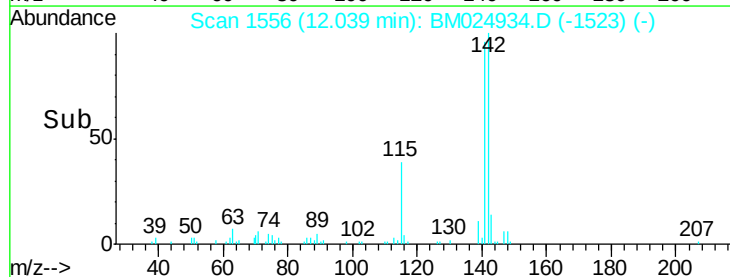
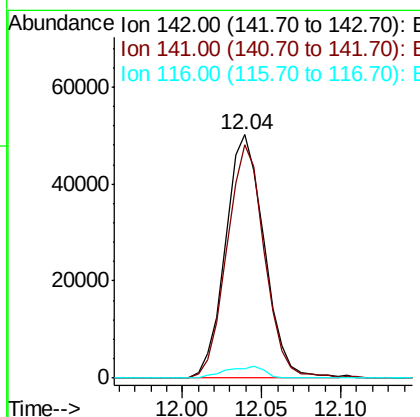
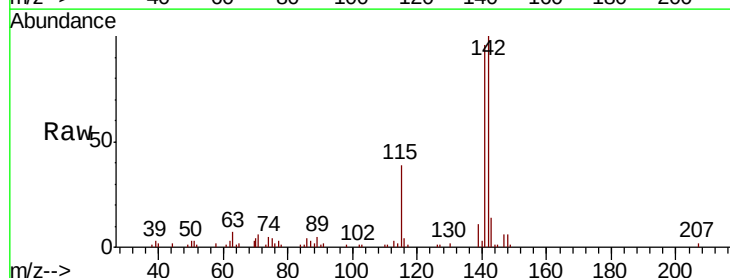
Instrument :
BNA_M
ClientSampleId :

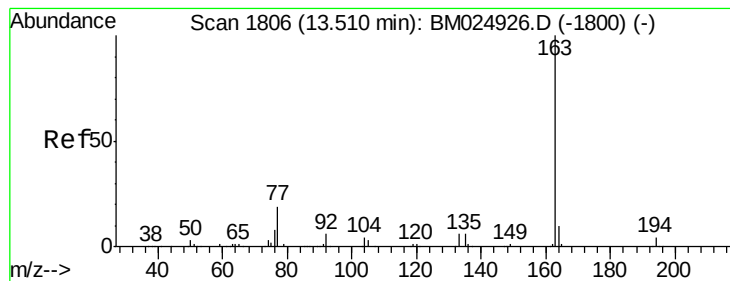
Tot Ion:128 Resp: 65433
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 14.7 10.4 15.6



#35
1-Methylnaphthalene
Concen: 2.312 ng/ul
RT: 12.04 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM024934.D
Acq: 18 Feb 2020 17:23

Tgt Ion:142 Resp: 85134
Ion Ratio Lower Upper
142 100
141 95.8 74.1 111.1
116 3.9 3.0 4.4





#45

Dimethylphthalate

Concen: 3.132 ng/ul

RT: 13.51 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BM024934.D

Acq: 18 Feb 2020 17:23

Instrument :

BNA_M

ClientSampleId :

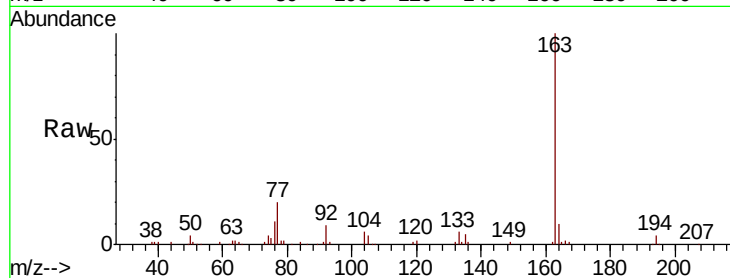
Tot Ion:163 Resp: 151888

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

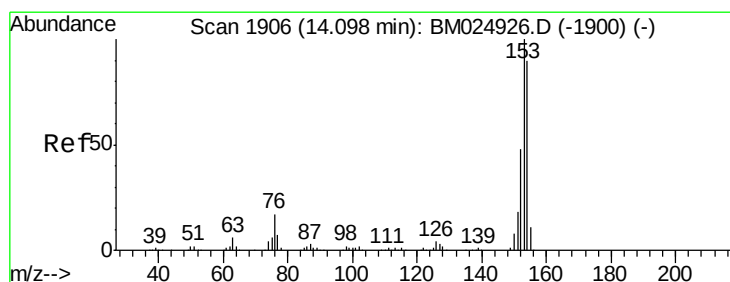
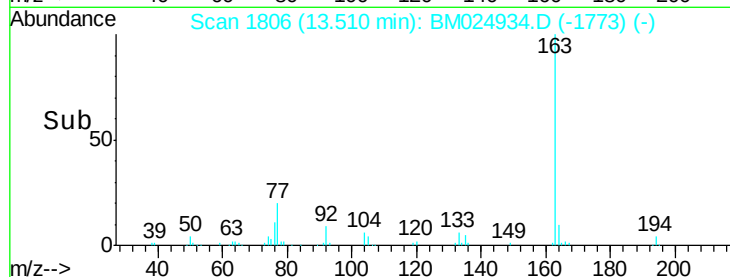
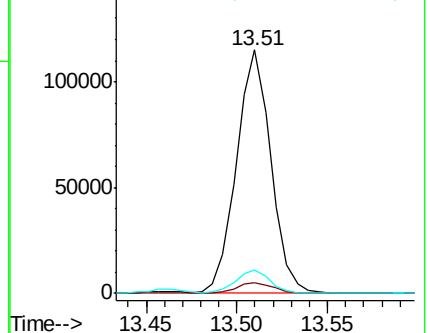
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 24.780 ng/ul

RT: 14.10 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BM024934.D

Acq: 18 Feb 2020 17:23

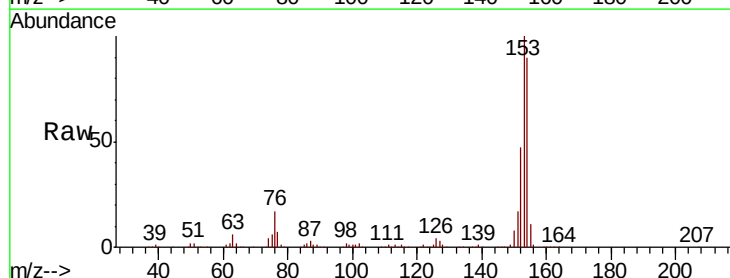
Tgt Ion:153 Resp: 940966

Ion Ratio Lower Upper

153 100

152 47.0 37.3 55.9

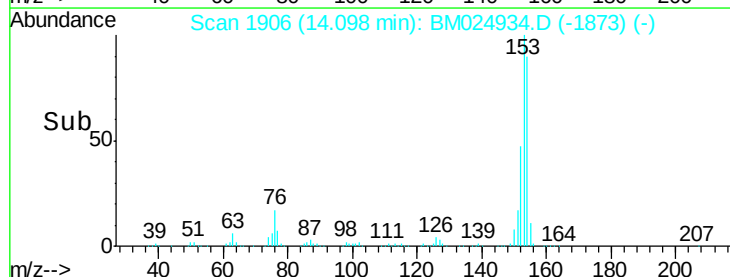
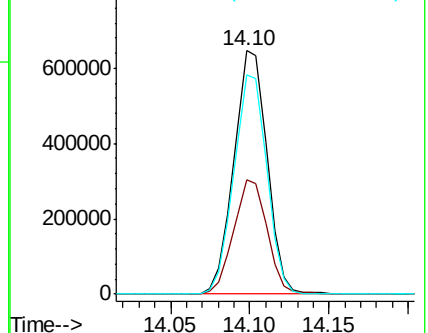
154 90.0 74.1 111.1

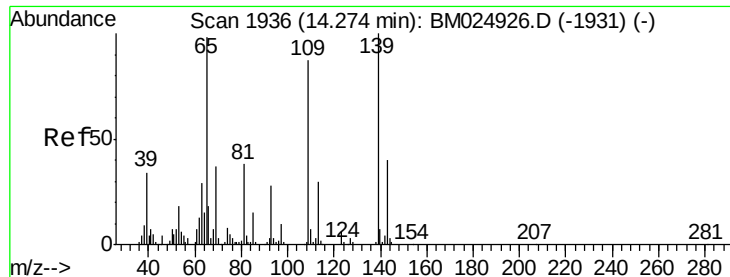


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 2.200 ng/ul

RT: 14.44 min Scan# 1964

Delta R.T. 0.15 min

Lab File: BM024934.D

Acq: 18 Feb 2020 17:23

Instrument :

BNA_M

ClientSampleId :

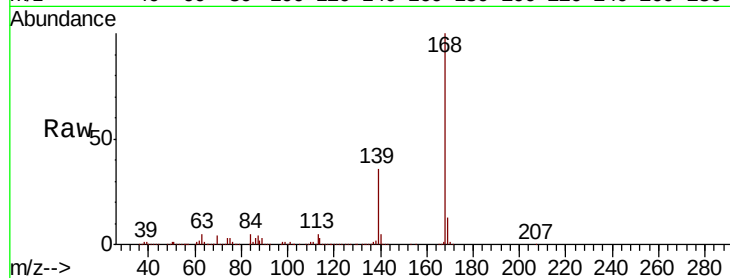
Tot Ion:109 Resp: 13572

Ion Ratio Lower Upper

109 100

139 10133.7 103.8 155.8#

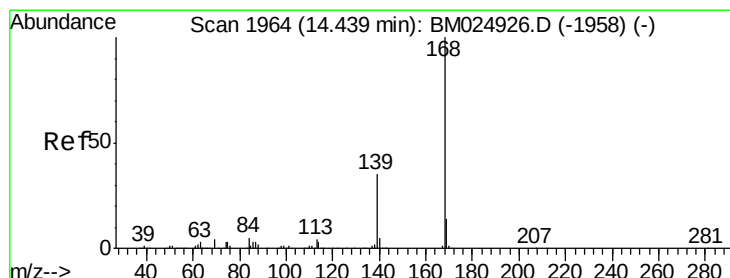
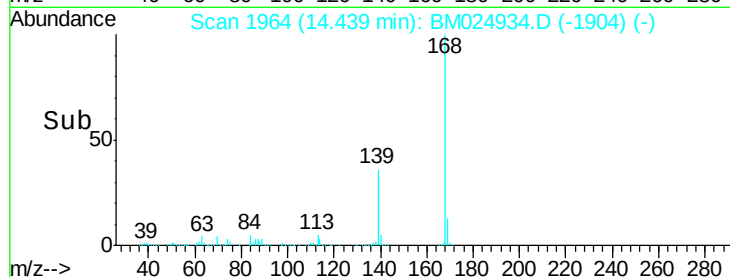
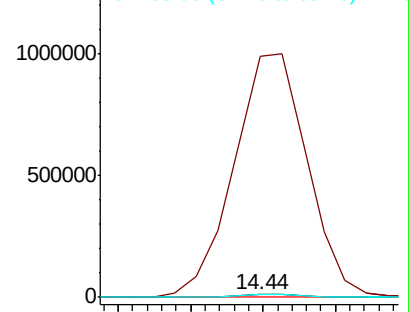
65 138.4 87.0 130.4#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#54

Dibenzofuran

Concen: 70.724 ng/ul

RT: 14.45 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BM024934.D

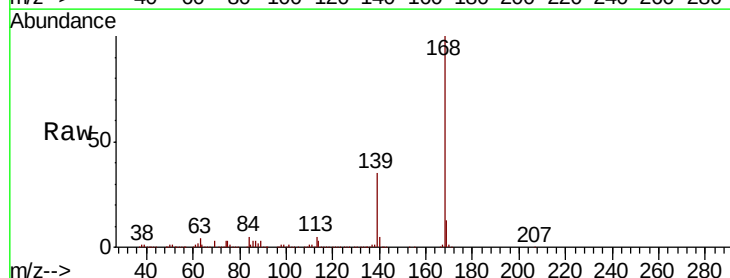
Acq: 18 Feb 2020 17:23

Tgt Ion:168 Resp: 4003229

Ion Ratio Lower Upper

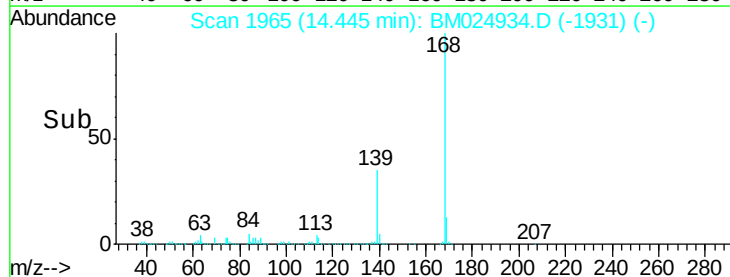
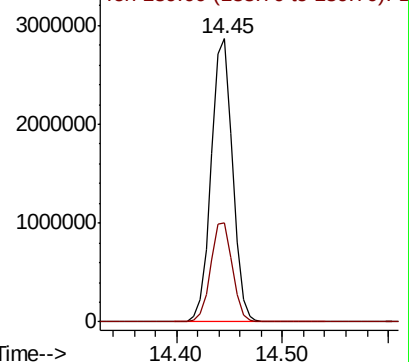
168 100

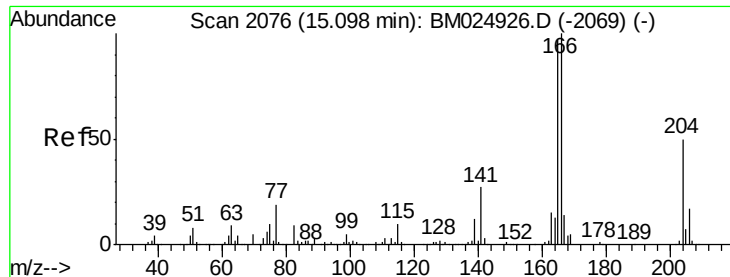
139 34.9 27.8 41.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 19.427 ng/ul

RT: 15.10 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BM024934.D

Acq: 18 Feb 2020 17:23

Instrument :

BNA_M

ClientSampleId :

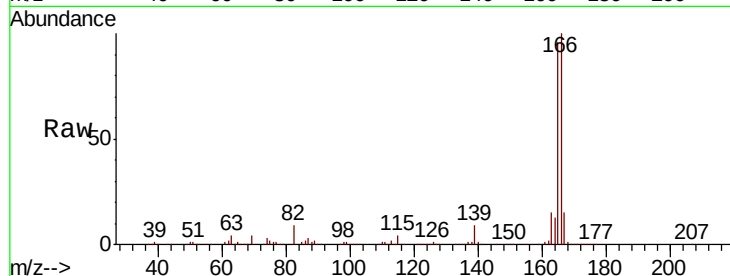
Tot Ion:166 Resp: 906268

Ion Ratio Lower Upper

166 100

165 96.1 75.8 113.8

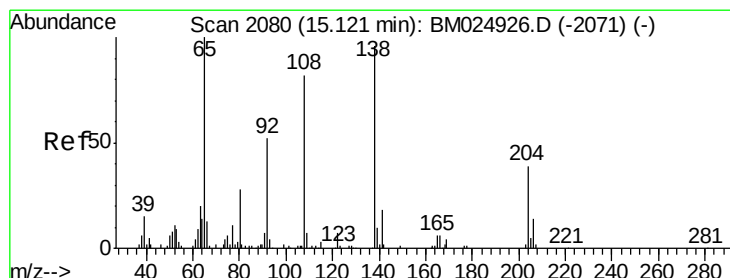
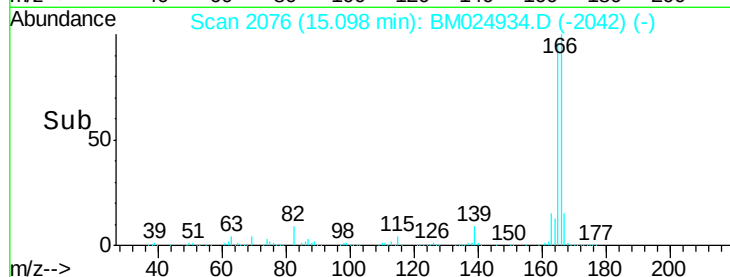
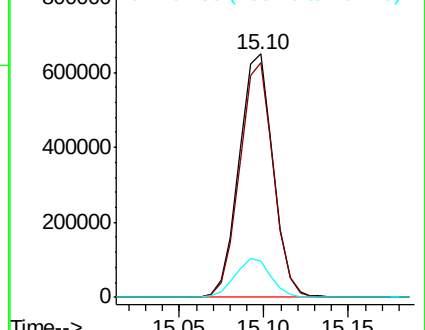
167 14.6 10.6 16.0



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: 1.184 ng/ul

RT: 15.09 min Scan# 2075

Delta R.T. -0.04 min

Lab File: BM024934.D

Acq: 18 Feb 2020 17:23

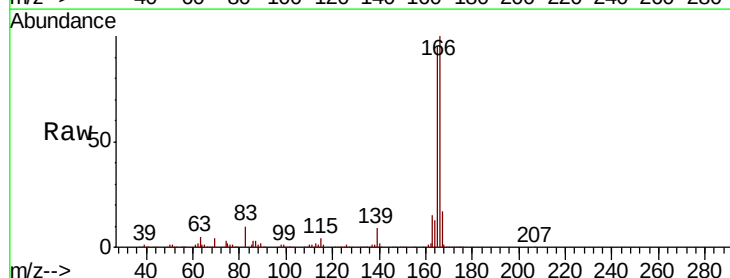
Tgt Ion:138 Resp: 10828

Ion Ratio Lower Upper

138 100

92 0.0 38.0 57.0#

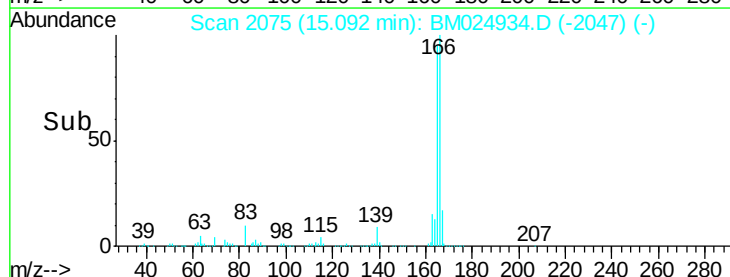
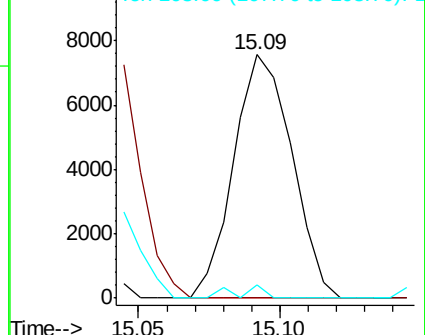
108 5.2 62.1 93.1#

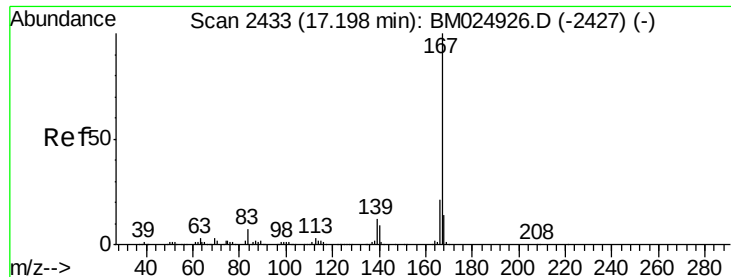


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#75

Carbazole

Concen: 18.245 ng/ul

RT: 17.20 min Scan# 2433

Delta R.T. -0.01 min

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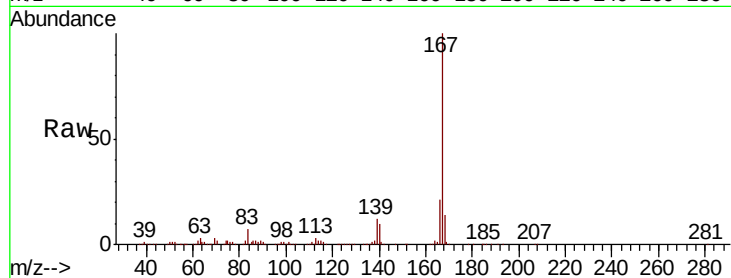
Tot Ion:167 Resp: 1165082

Ion Ratio Lower Upper

167 100

166 21.2 16.6 24.8

139 12.1 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

