

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024930.D
 Acq On : 18 Feb 2020 14:58
 Operator : CG/JU
 Sample : L1486-08DL 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBCT8DL

Quant Time: Feb 19 04:02:59 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	296509	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1086829	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	671581	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1445871	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	1515948	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1612401	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.60	99	11947	0.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	35102	3.16	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	37760	2.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	19869	1.20	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	22393	2.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	21661	2.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	41333	2.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	4617	0.26	ng/ul	0.02
44) Dimethylphthalate-d6	13.46	166	161121	3.18	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	184801	3.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	903	0.11	ng/ul	0.04
58) Fluorene-d10	15.04	176	147010	3.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	12696	1.35	ng/ul	0.00
71) Anthracene-d10	16.89	188	232231	3.52	ng/ul	-0.01
79) Pyrene-d10	19.20	212	251898	3.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	262702	3.24	ng/ul	0.00

Target Compounds

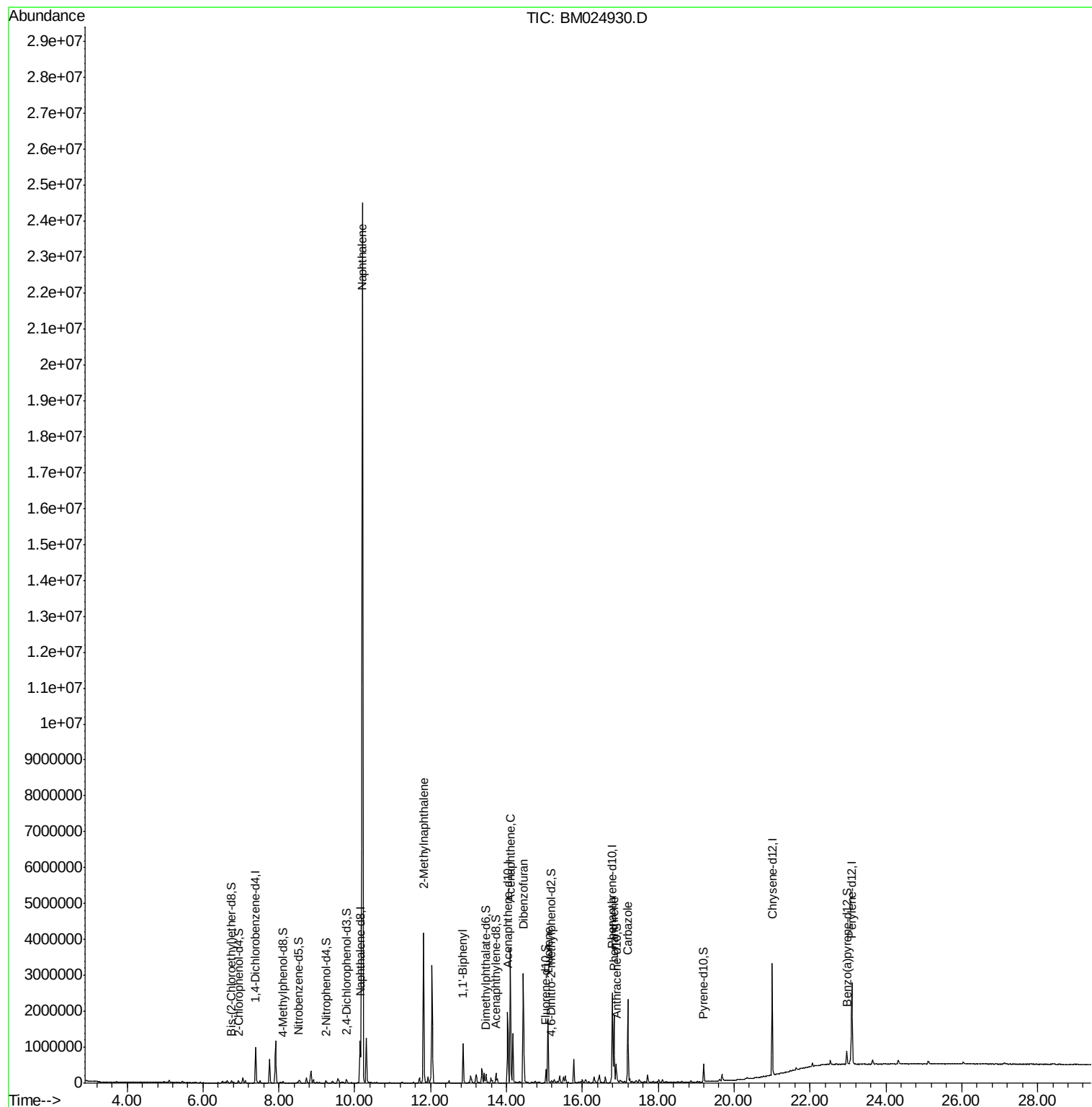
					Ovalue	
28) Naphthalene	10.20	128	18756133	337.763	ng/ul#	90
34) 2-Methylnaphthalene	11.82	142	1973729	48.252	ng/ul	100
41) 1,1'-Biphenyl	12.86	154	603345	12.170	ng/ul#	98
50) Acenaphthene	14.10	153	1542194	37.239	ng/ul	98
54) Dibenzofuran	14.44	168	1981901	32.105	ng/ul	100
59) Fluorene	15.10	166	820052	16.118	ng/ul	99
70) Phenanthrene	16.83	178	1083947	13.749	ng/ul	100
75) Carbazole	17.20	167	1412690	21.209	ng/ul	100

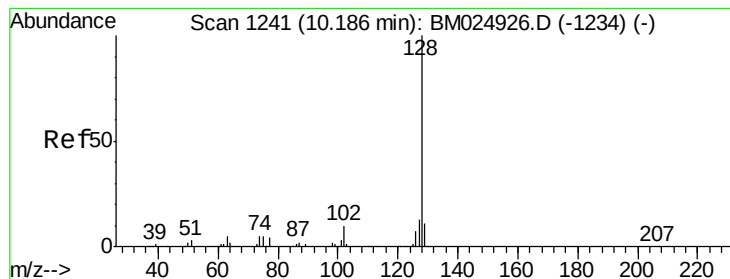
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 337.763 ng/ul

RT: 10.20 min Scan# 1243

Delta R.T. 0.01 min

Lab File: BM024930.D

Acq: 18 Feb 2020 14:58

Instrument :

BNA_M

ClientSampleId :

DBCT8DL

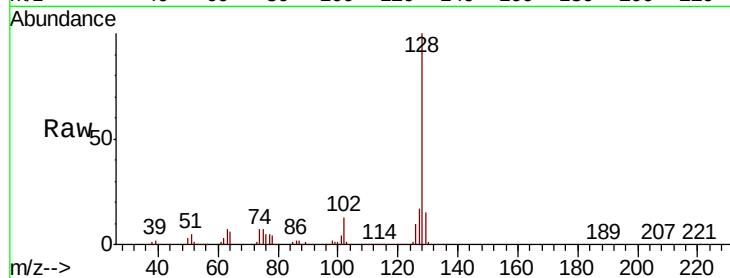
Tot Ion:128 Resp:18756133

Ion Ratio Lower Upper

128 100

129 14.8 9.1 13.7#

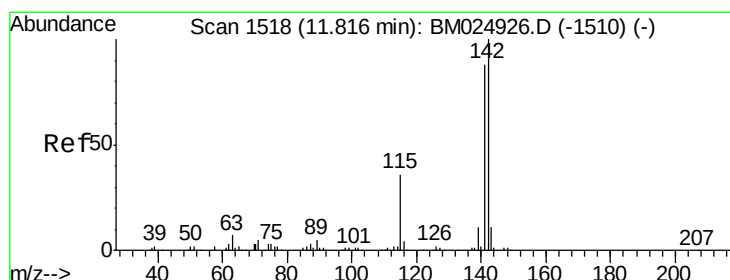
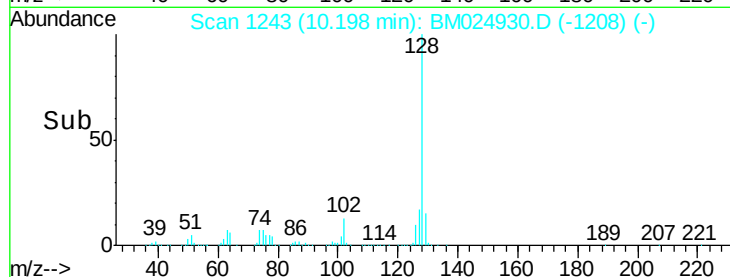
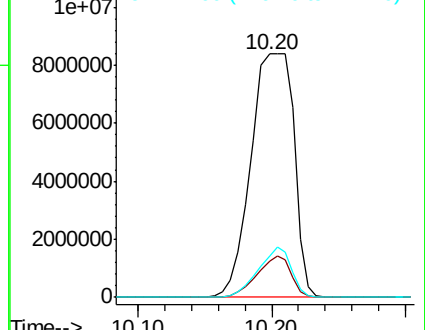
127 17.2 10.4 15.6#



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



#34

2-Methylnaphthalene

Concen: 48.252 ng/ul

RT: 11.82 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BM024930.D

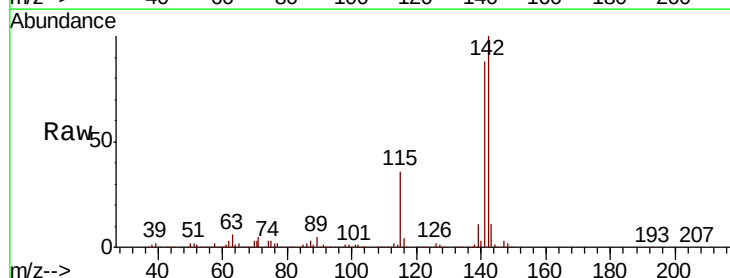
Acq: 18 Feb 2020 14:58

Tgt Ion:142 Resp: 1973729

Ion Ratio Lower Upper

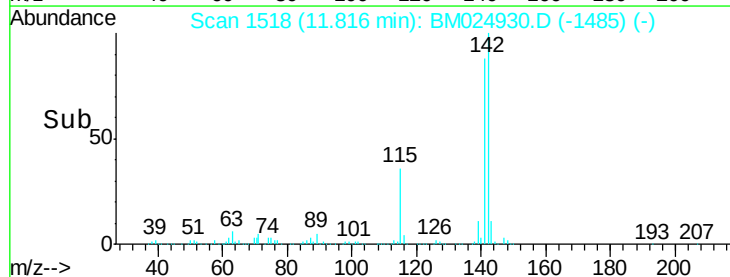
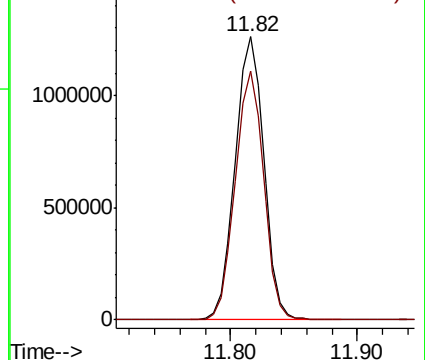
142 100

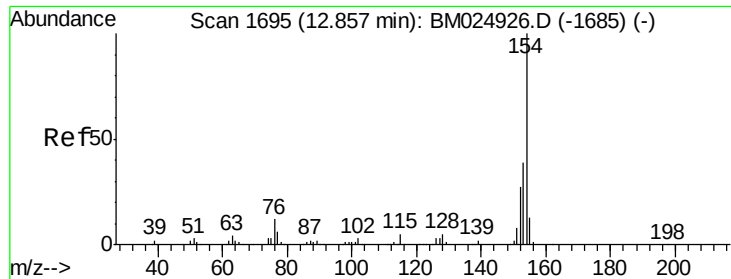
141 87.9 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

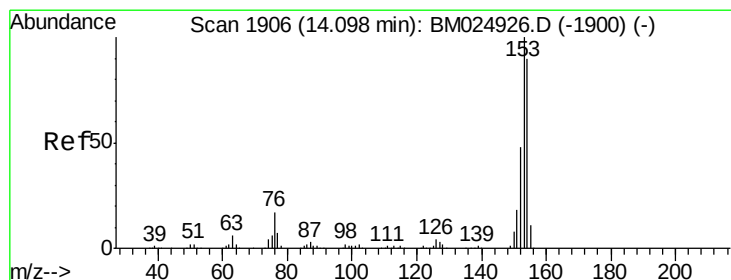
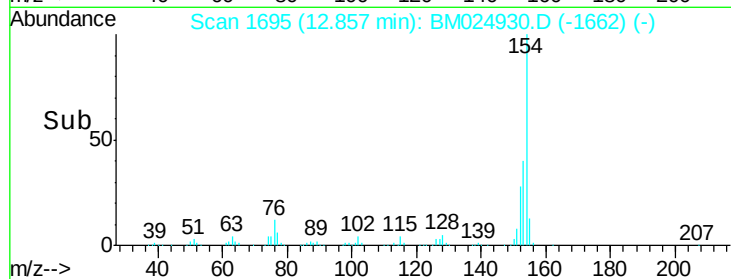
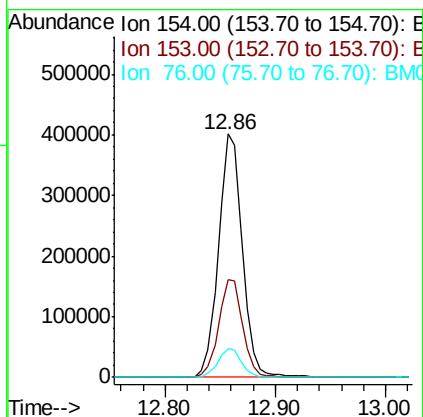
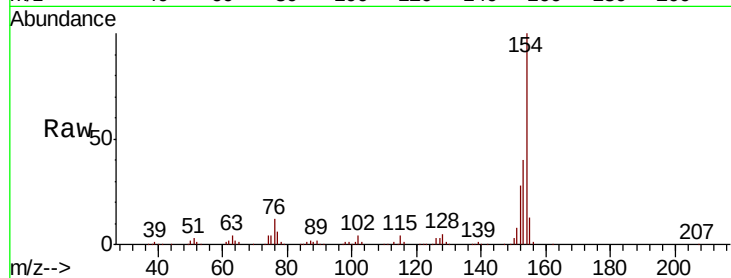




#41
 1,1'-Biphenyl
 Concen: 12.170 ng/ul
 RT: 12.86 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM024930.D
 Acq: 18 Feb 2020 14:58

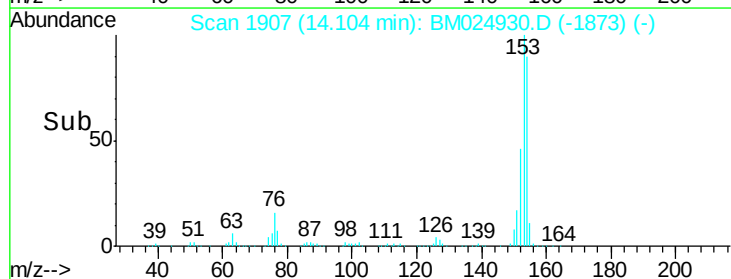
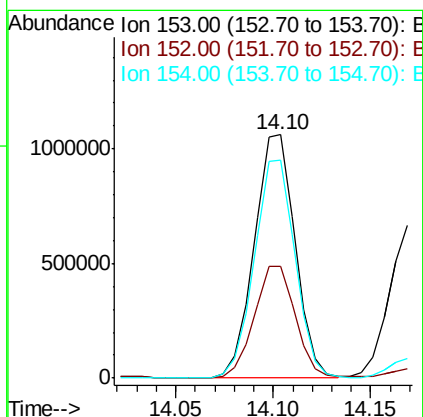
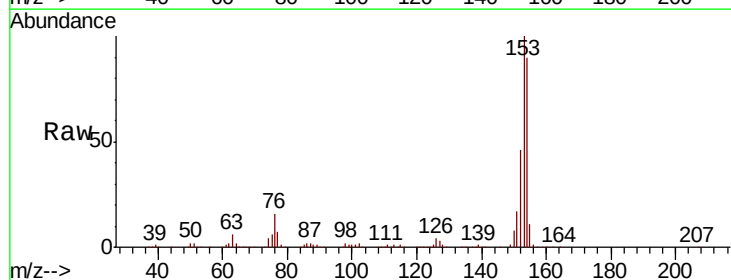
Instrument :
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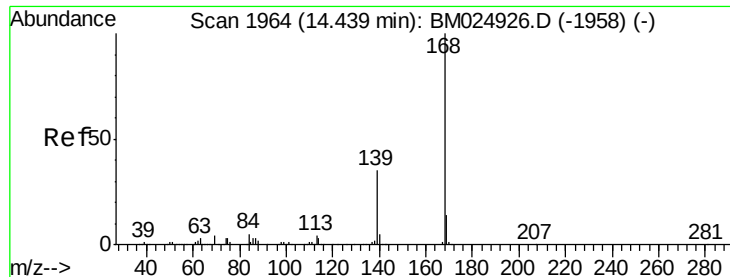
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	31.4	47.2
76	11.7	7.5	11.3#



#50
 Acenaphthene
 Concen: 37.239 ng/ul
 RT: 14.10 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BM024930.D
 Acq: 18 Feb 2020 14:58

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.2	37.3	55.9
154	89.6	74.1	111.1





#54

Dibenzofuran

Concen: 32.105 ng/ul

RT: 14.44 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM024930.D

Acq: 18 Feb 2020 14:58

Instrument :

BNA_M

ClientSampled :

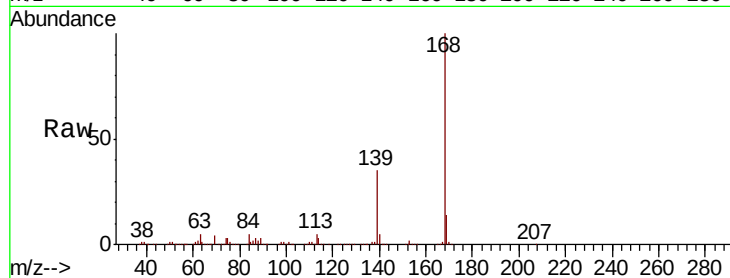
DBCT8DL

Tot Ion:168 Resp: 1981901

Ion Ratio Lower Upper

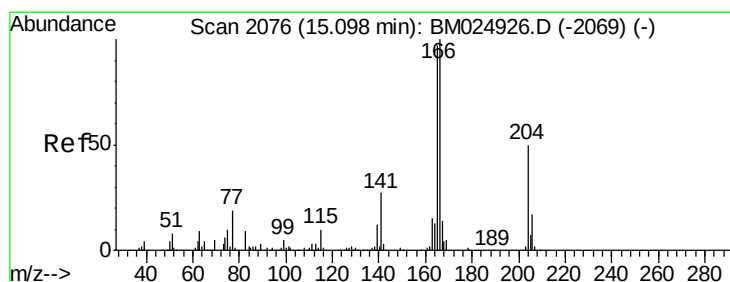
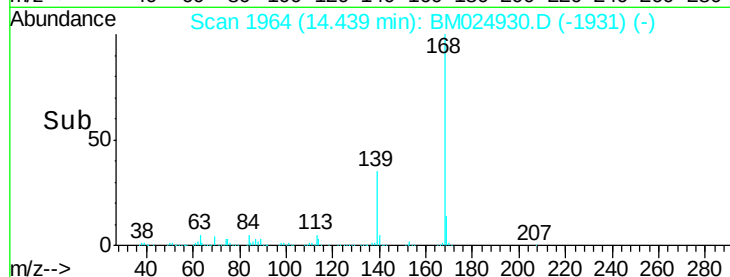
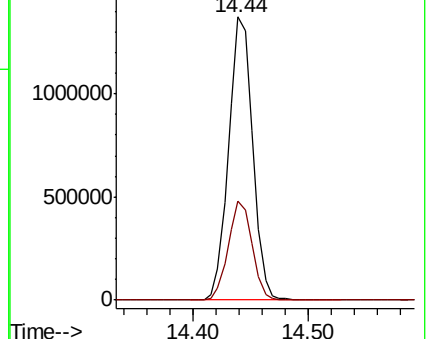
168 100

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: 16.118 ng/ul

RT: 15.10 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BM024930.D

Acq: 18 Feb 2020 14:58

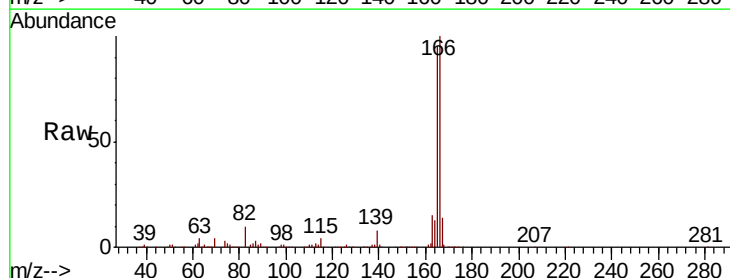
Tgt Ion:166 Resp: 820052

Ion Ratio Lower Upper

166 100

165 95.2 75.8 113.8

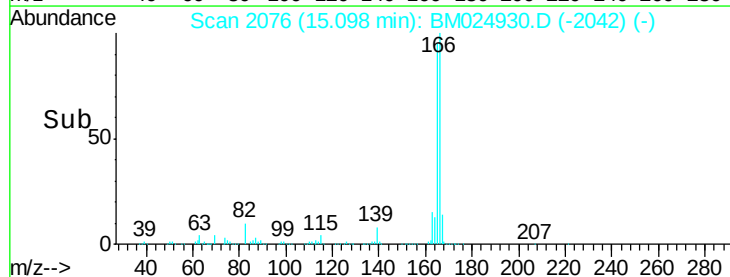
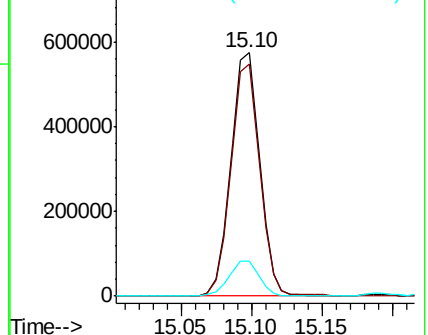
167 14.4 10.6 16.0

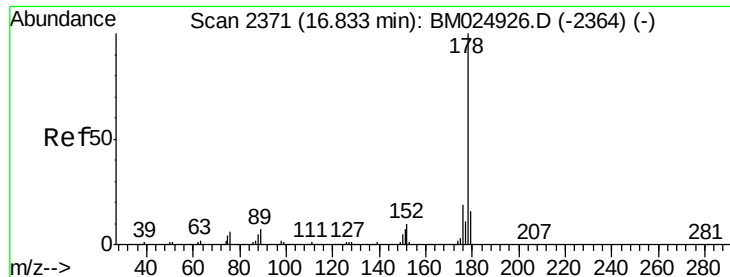


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

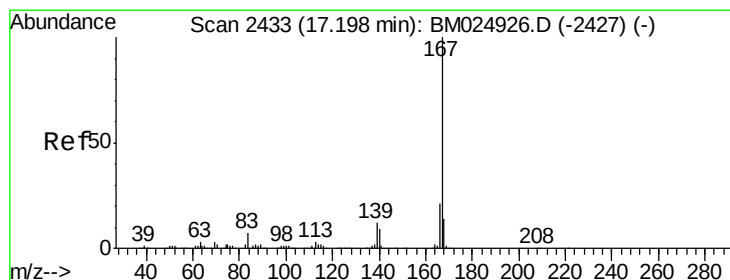
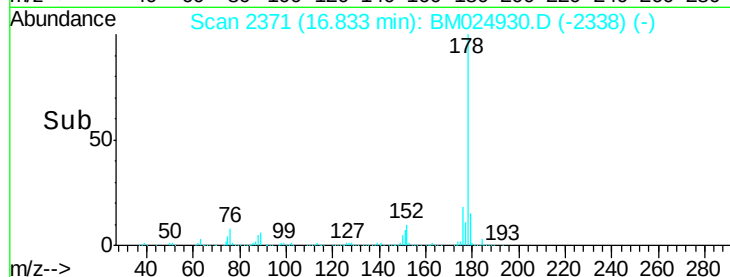
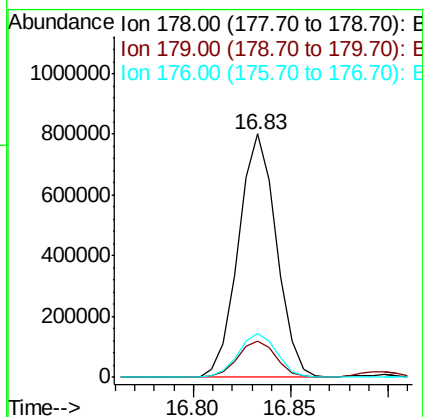
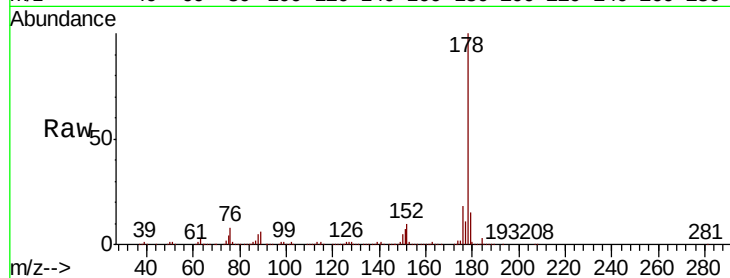




#70
Phenanthrene
Concen: 13.749 ng/ul
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024930.D
Acq: 18 Feb 2020 14:58

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Tot Ion:178 Resp: 1083947
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.2
176 18.2 14.5 21.7



#75
Carbazole
Concen: 21.209 ng/ul
RT: 17.20 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BM024930.D
Acq: 18 Feb 2020 14:58

Tgt Ion:167 Resp: 1412690
Ion Ratio Lower Upper
167 100
166 20.7 16.6 24.8
139 12.0 9.3 13.9

