

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071119\
 Data File : BM021434.D
 Acq On : 11 Jul 2019 18:56
 Operator : HP/JU
 Sample : K3717-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF4A0

Quant Time: Jul 12 22:48:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 12 05:46:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	164270	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	637825	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	370815	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	862891	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	892158	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	1037859	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	5388	1.62	ng/uL	0.00
5) Phenol-d5	6.91	99	110231	8.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	218496	28.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	289511	26.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	197166	19.38	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	178833	34.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	188440	31.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	352626	29.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	23917	2.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1089553	33.55	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1257579	30.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	34748	6.75	ng/ul	0.00
57) Fluorene-d10	15.37	176	967286	33.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	154359	26.61	ng/ul	0.00
70) Anthracene-d10	17.23	188	1496662	33.39	ng/ul	0.00
78) Pyrene-d10	19.52	212	1701037	34.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	2002508	33.55	ng/ul	0.00

Target Compounds

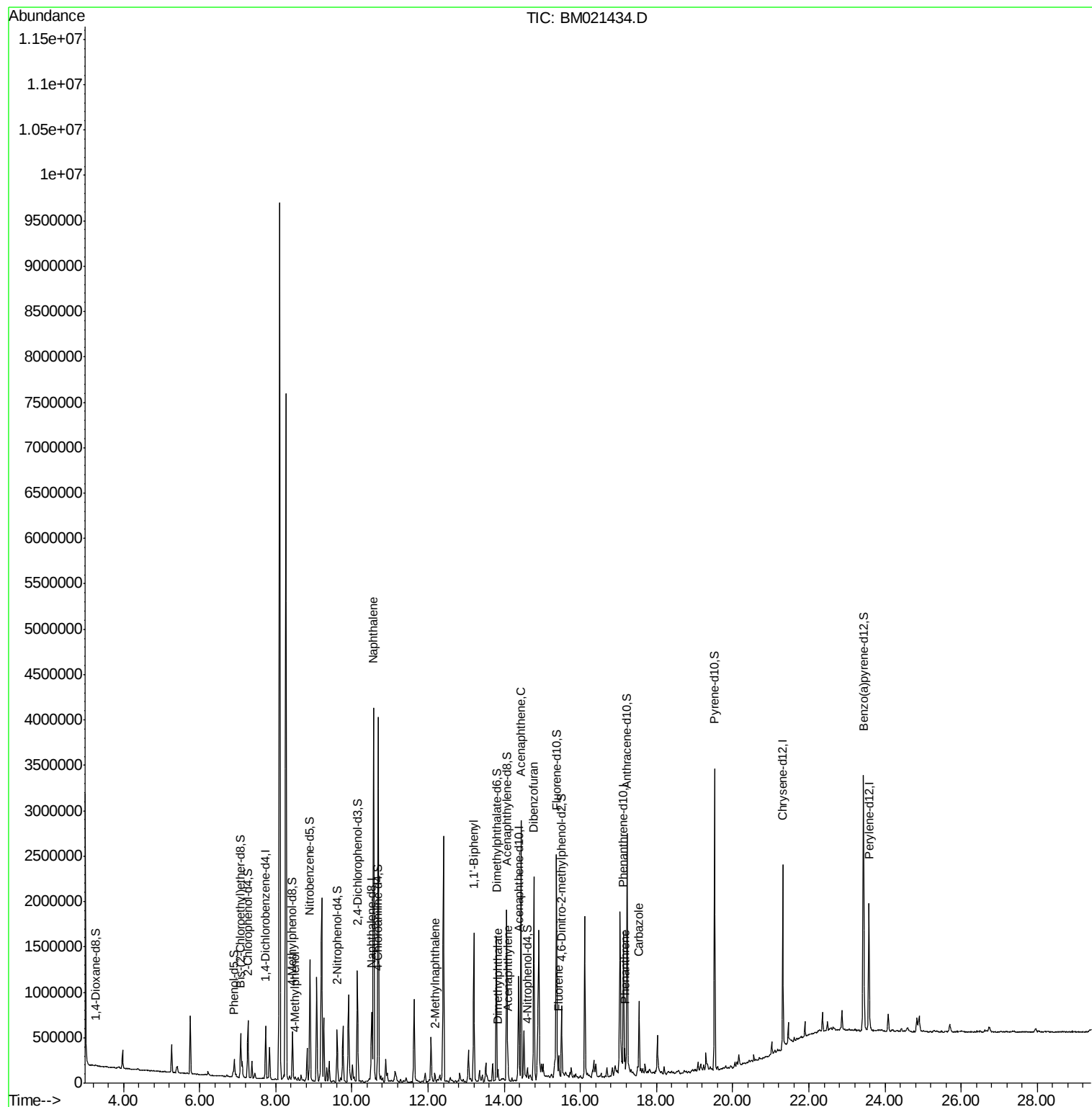
					Ovalue
16) 4-Methylphenol	8.51	108	11930	1.208	ng/ul 98
28) Naphthalene	10.57	128	3327034	100.230	ng/ul 100
34) 2-Methylnaphthalene	12.18	142	44043	1.800	ng/ul 97
40) 1,1'-Biphenyl	13.20	154	837759	26.993	ng/ul 99
44) Dimethylphthalate	13.84	163	90063	2.978	ng/ul 100
47) Acenaphthylene	14.10	152	107834	3.040	ng/ul 99
49) Acenaphthene	14.44	153	1169970	45.386	ng/ul 99
53) Dibenzofuran	14.77	168	1500779	40.190	ng/ul 99
58) Fluorene	15.43	166	89981	2.978	ng/ul# 98
69) Phenanthrene	17.17	178	143862	2.957	ng/ul 98
74) Carbazole	17.54	167	482954	11.750	ng/ul 99

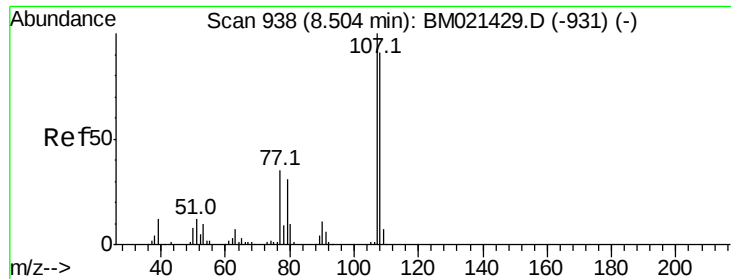
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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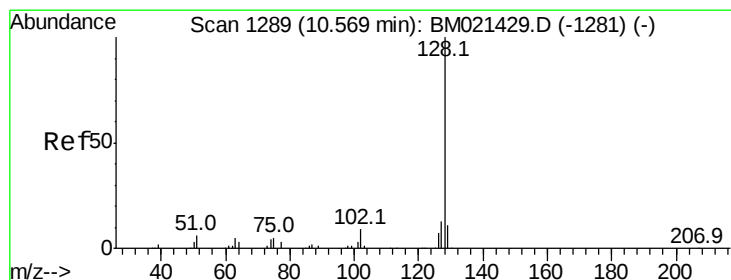
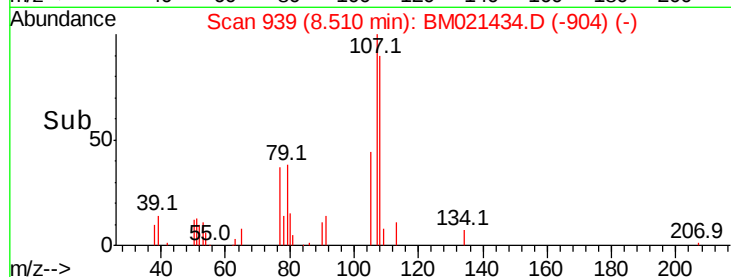
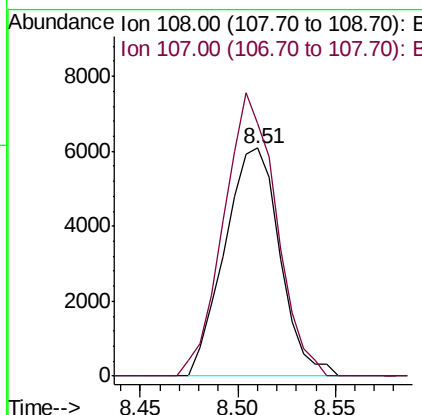
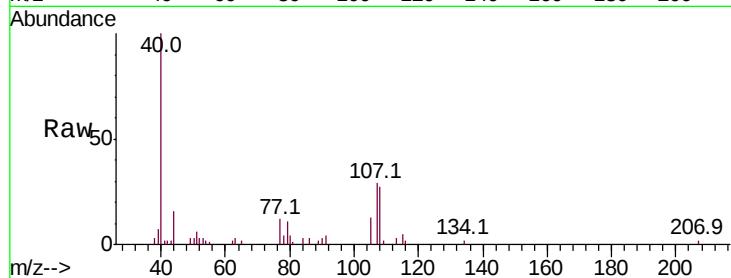




#16
4-Methylphenol
Concen: 1.208 ng/ul
RT: 8.51 min Scan# 939
Delta R.T. 0.01 min
Lab File: BM021434.D
Acq: 11 Jul 2019 18:56

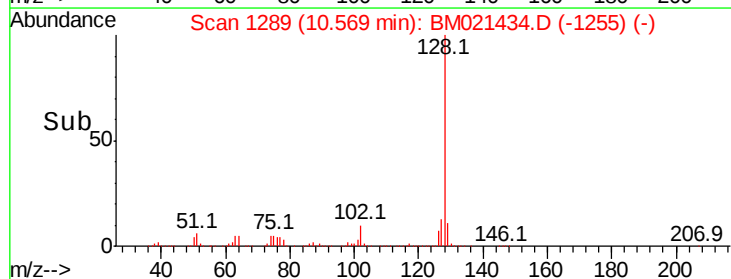
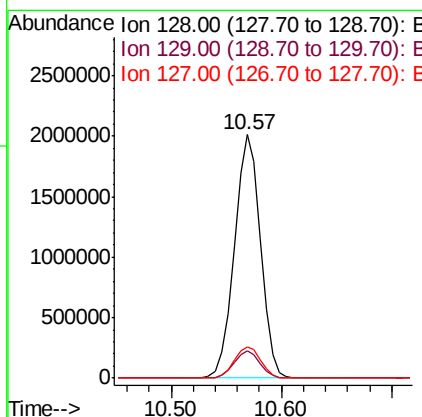
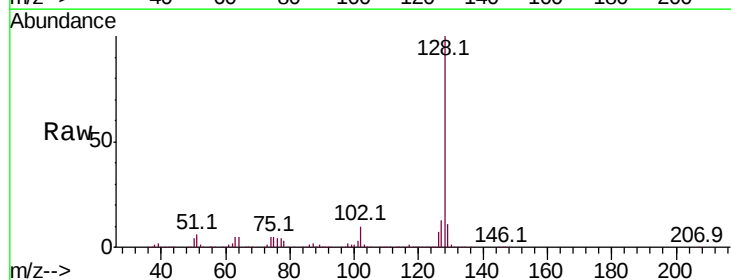
Instrument :
BNA_M
ClientSampleId :
BF4A0

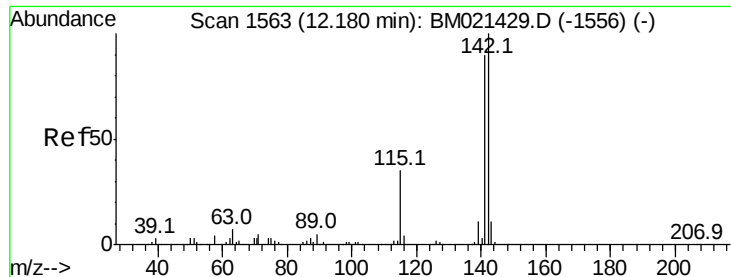
Tot Ion:108 Resp: 11930
Ion Ratio Lower Upper
108 100
107 110.6 87.2 130.8



#28
Naphthalene
Concen: 100.230 ng/ul
RT: 10.57 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM021434.D
Acq: 11 Jul 2019 18:56

Tgt Ion:128 Resp: 3327034
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.6 16.0

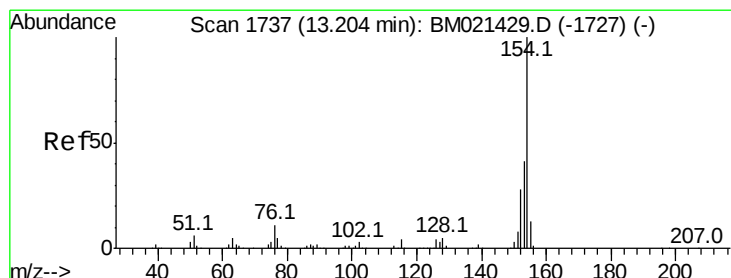
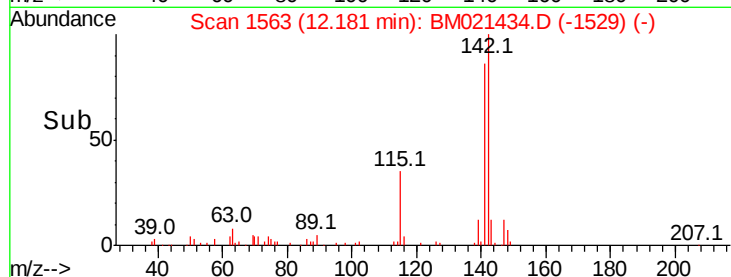
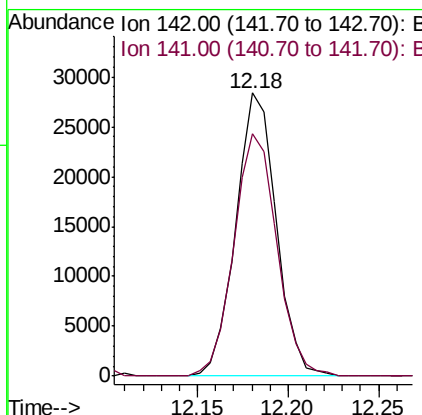
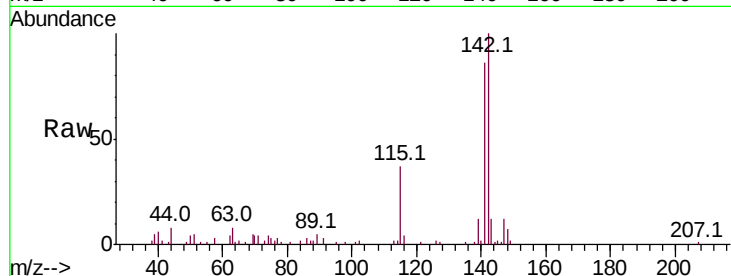




#34
2-Methylnaphthalene
Concen: 1.800 ng/ul
RT: 12.18 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BM021434.D
Acq: 11 Jul 2019 18:56

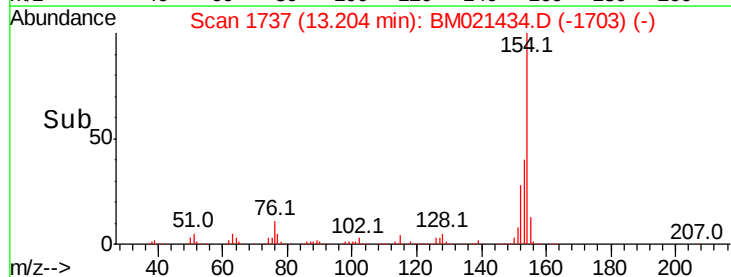
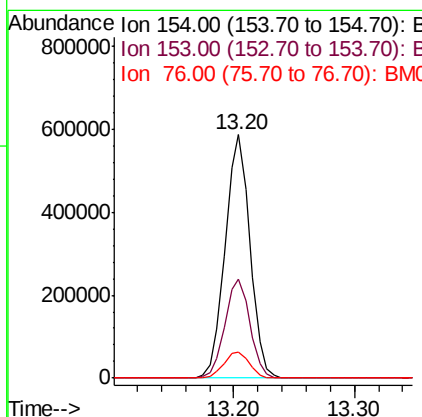
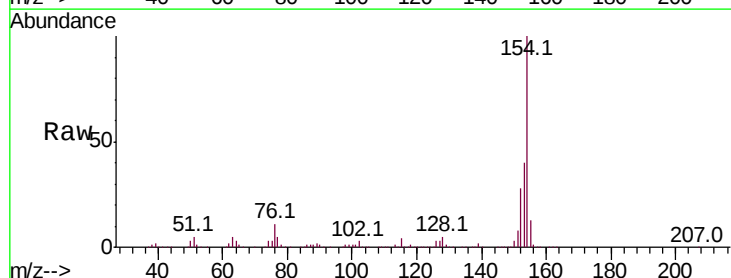
Instrument :
BNA_M
ClientSampleId :
BF4A0

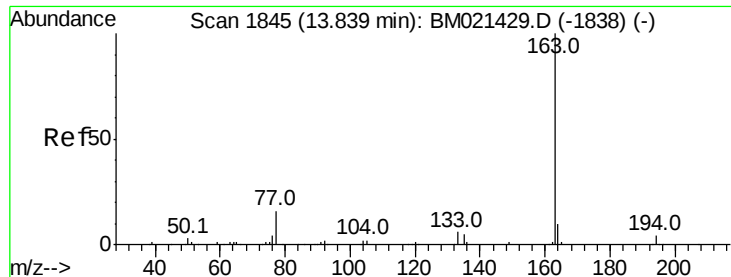
Tot Ion:142 Resp: 44043
Ion Ratio Lower Upper
142 100
141 85.9 71.1 106.7



#40
1,1'-Biphenyl
Concen: 26.993 ng/ul
RT: 13.20 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BM021434.D
Acq: 11 Jul 2019 18:56

Tgt Ion:154 Resp: 837759
Ion Ratio Lower Upper
154 100
153 40.5 32.7 49.1
76 10.9 8.5 12.7

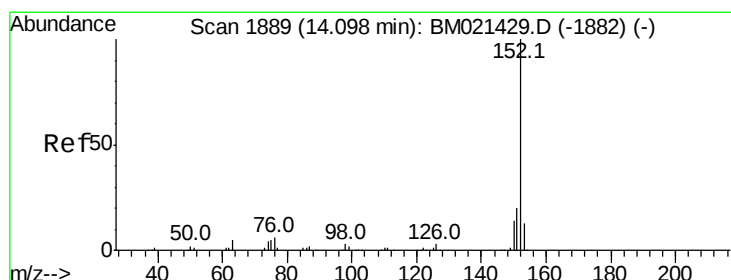
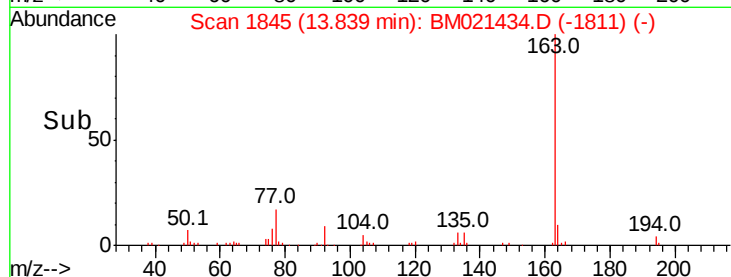
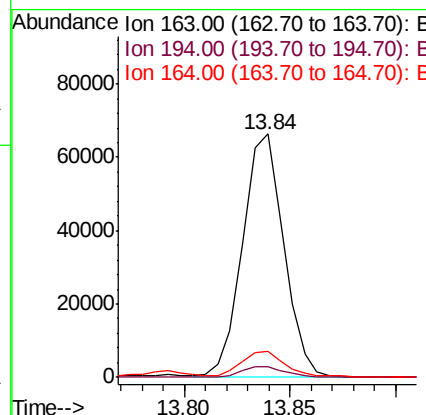
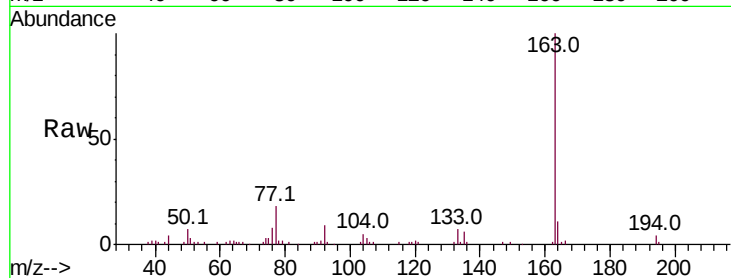




#44
Dimethylphthalate
Concen: 2.978 ng/ul
RT: 13.84 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BM021434.D
Acq: 11 Jul 2019 18:56

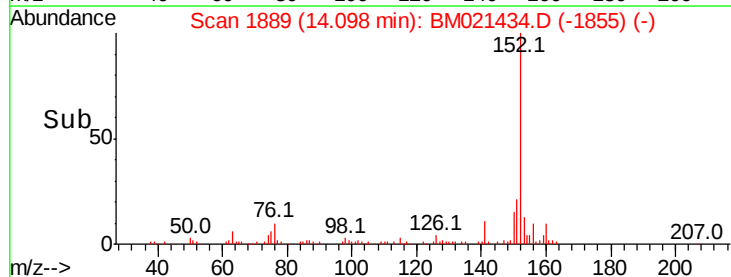
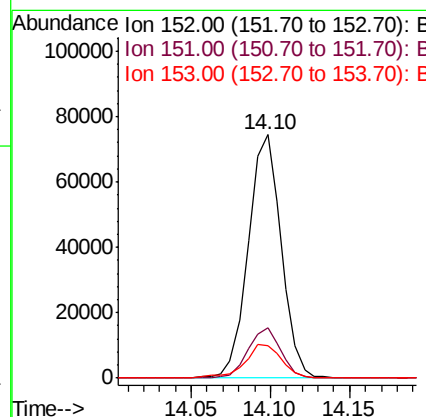
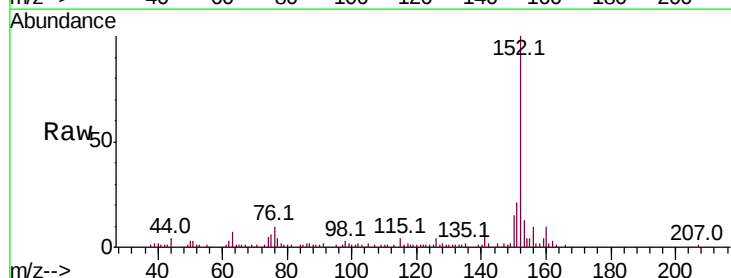
Instrument :
BNA_M
ClientSampleId :
BF4A0

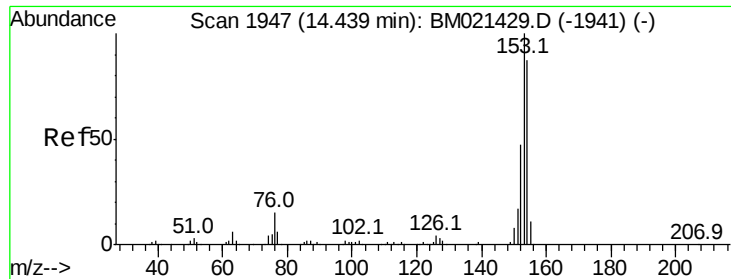
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.6	8.3	12.5



#47
Acenaphthylene
Concen: 3.040 ng/ul
RT: 14.10 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BM021434.D
Acq: 11 Jul 2019 18:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	13.5	10.6	15.8





#49

Acenaphthene

Concen: 45.386 ng/ul

RT: 14.44 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BM021434.D

Acq: 11 Jul 2019 18:56

Instrument :

BNA_M

ClientSampleId :

BF4A0

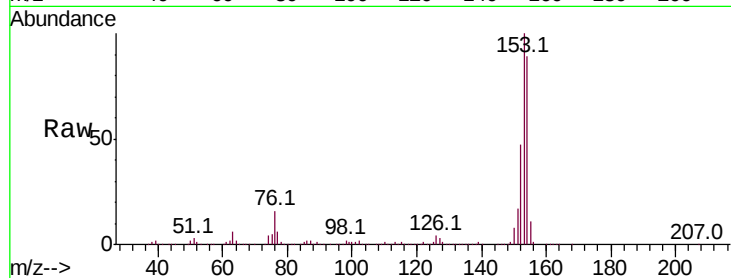
Tot Ion:153 Resp: 1169970

Ion Ratio Lower Upper

153 100

152 47.2 38.2 57.4

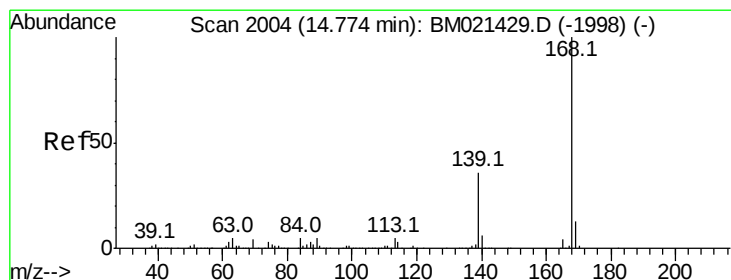
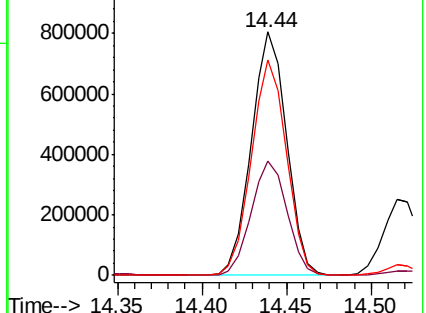
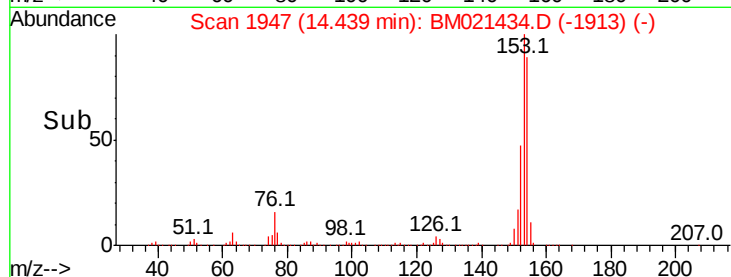
154 88.6 70.0 105.0



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: 40.190 ng/ul

RT: 14.77 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BM021434.D

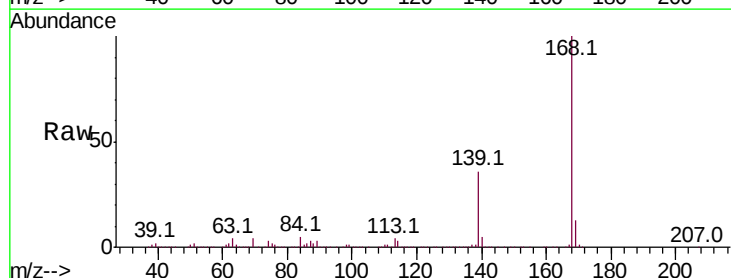
Acq: 11 Jul 2019 18:56

Tgt Ion:168 Resp: 1500779

Ion Ratio Lower Upper

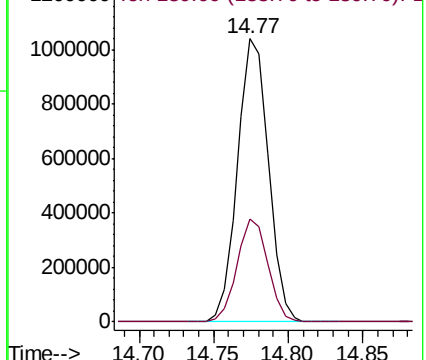
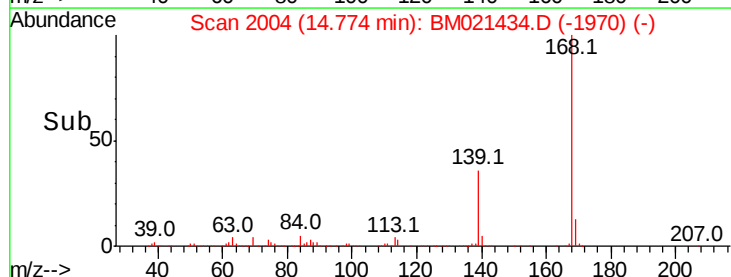
168 100

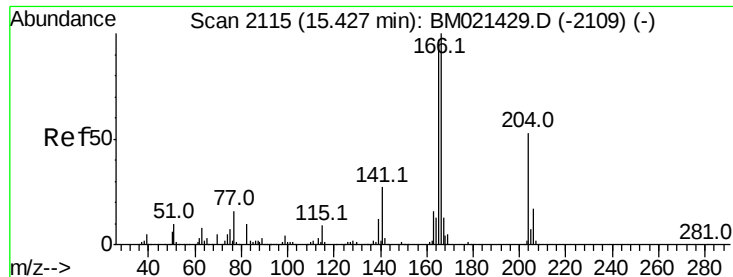
139 36.2 28.4 42.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 2.978 ng/ul

RT: 15.43 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BM021434.D

Acq: 11 Jul 2019 18:56

Instrument :

BNA_M

ClientSampleId :

BF4A0

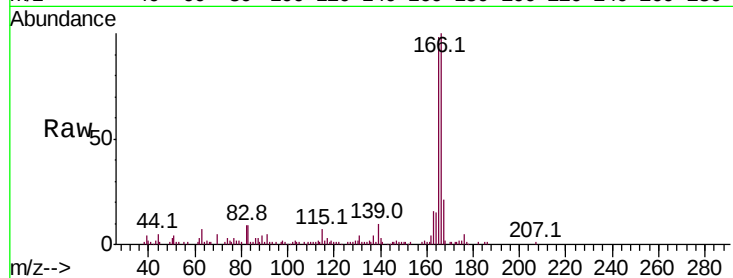
Tot Ion:166 Resp: 89981

Ion Ratio Lower Upper

166 100

165 98.1 78.6 117.8

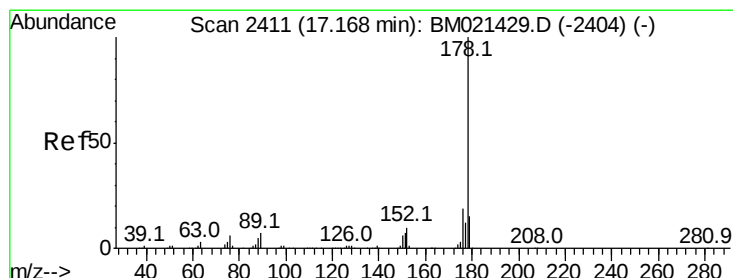
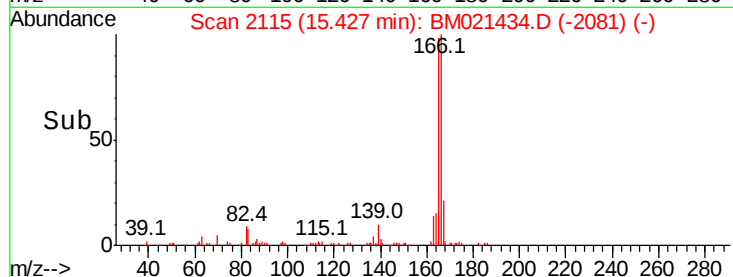
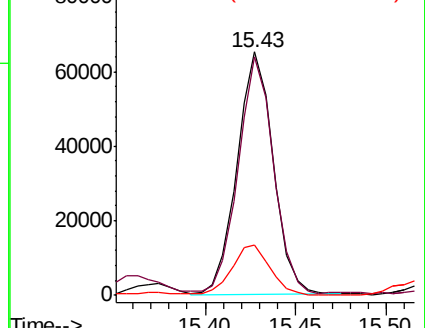
167 20.7 10.7 16.1#



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: 2.957 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM021434.D

Acq: 11 Jul 2019 18:56

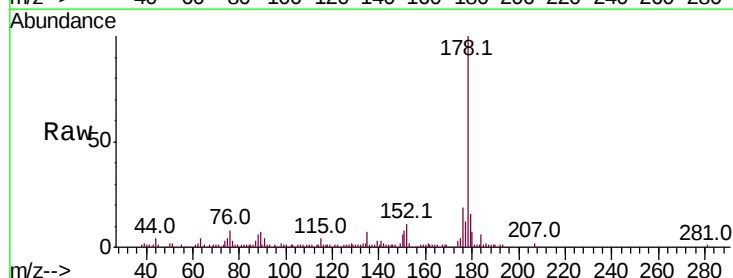
Tgt Ion:178 Resp: 143862

Ion Ratio Lower Upper

178 100

179 16.5 12.2 18.2

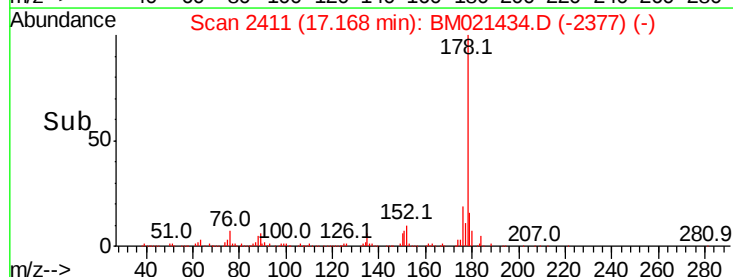
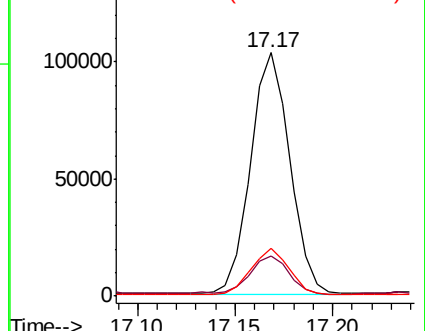
176 19.5 15.4 23.0

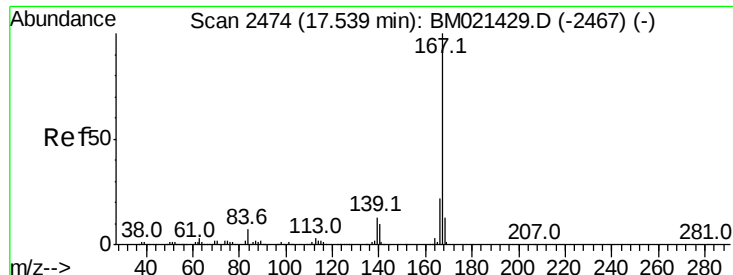


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 11.750 ng/ul

RT: 17.54 min Scan# 2474

Delta R.T. 0.00 min

Lab File: BM021434.D

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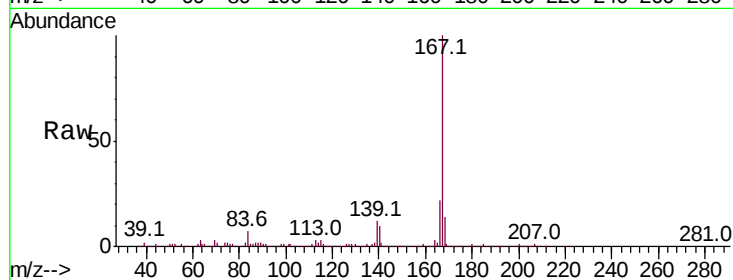
Tot Ion:167 Resp: 482954

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 12.5 9.7 14.5



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

