

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046929.D
 Acq On : 30 Jul 2024 21:14
 Operator : MA/JU
 Sample : P3329-11DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E16DL

Quant Time: Jul 31 00:01:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 04:18:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

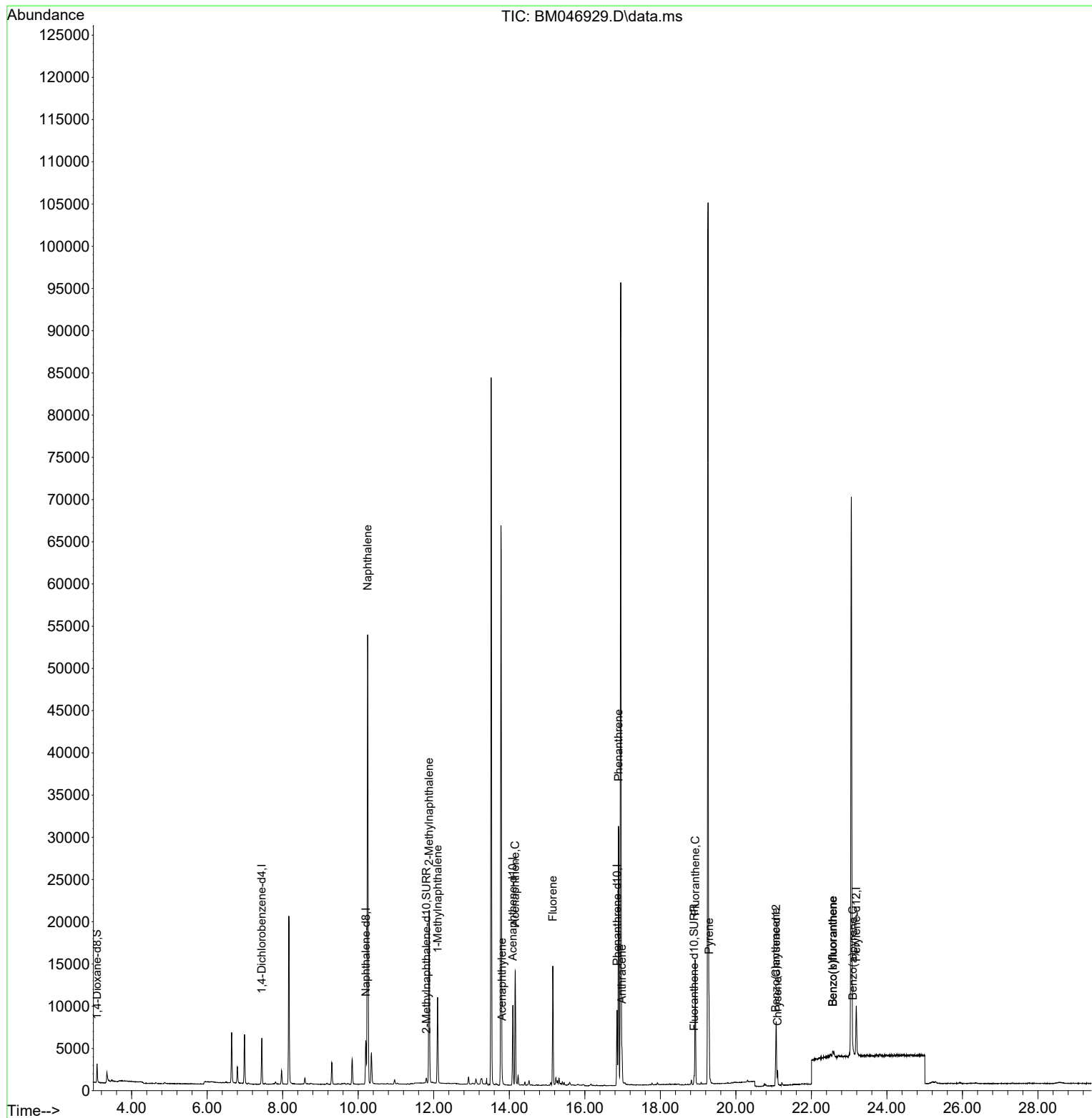
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.447	152	2627	0.400	ng/ul	0.00
4) Naphthalene-d8	10.200	136	6982	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.095	164	4918	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.854	188	11254	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.067	240	6847	0.400	ng/ul	0.00
23) Perylene-d12	23.188	264	7187	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	1382	0.751	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.805	152	813	0.073	ng/ul	0.00
18) Fluoranthene-d10	18.895	212	1237	0.055	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.249	128	69390	3.929	ng/ul	97
7) 2-Methylnaphthalene	11.877	142	14120	1.162	ng/ul	100
8) 1-Methylnaphthalene	12.102	142	6850	0.546	ng/ul	99
10) Acenaphthylene	13.808	152	606	0.027	ng/ul#	72
11) Acenaphthene	14.155	153	7728	0.505	ng/ul	100
12) Fluorene	15.154	166	8586	0.449	ng/ul	98
15) Phenanthrene	16.892	178	30486	0.942	ng/ul	98
16) Anthracene	16.985	178	3762	0.125	ng/ul	95
19) Fluoranthene	18.923	202	13742	0.457	ng/ul	99
20) Pyrene	19.290	202	9303	0.299	ng/ul	98
21) Benzo(a)anthracene	21.052	228	1988	0.070	ng/ul#	92
22) Chrysene	21.105	228	1643	0.057	ng/ul#	91
24) Benzo(b)fluoranthene	22.569	252	1622	0.051	ng/ul#	17
25) Benzo(k)fluoranthene	22.569	252	1661	0.052	ng/ul#	24
26) Benzo(a)pyrene	23.098	252	680	0.030	ng/ul#	9

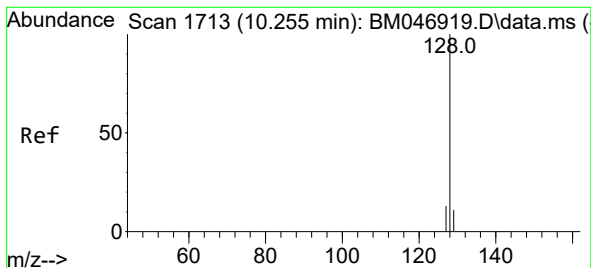
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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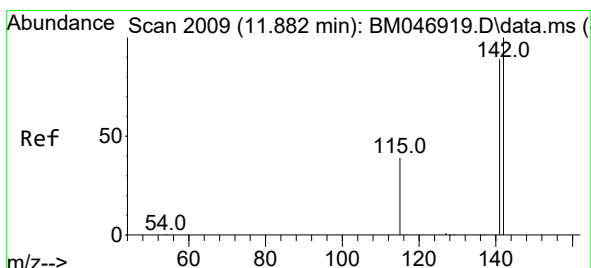
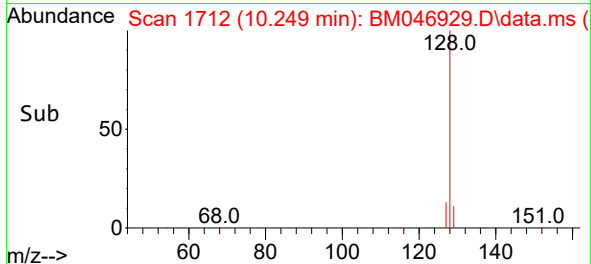
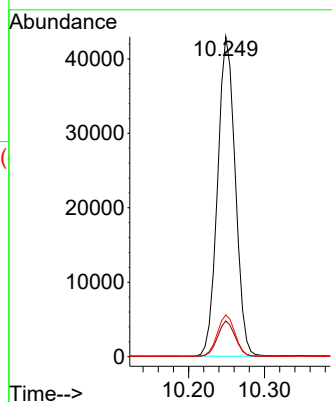
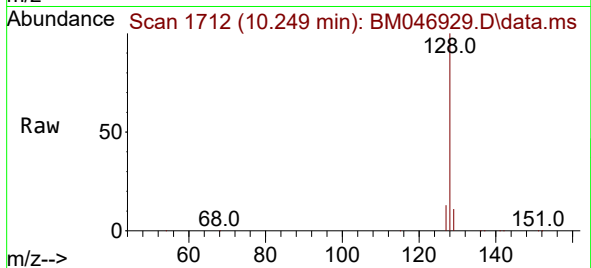




#5
Naphthalene
Concen: 3.929 ng/ul
RT: 10.249 min Scan# 1713
Delta R.T. -0.011 min
Lab File: BM046929.D
Acq: 30 Jul 2024 21:14

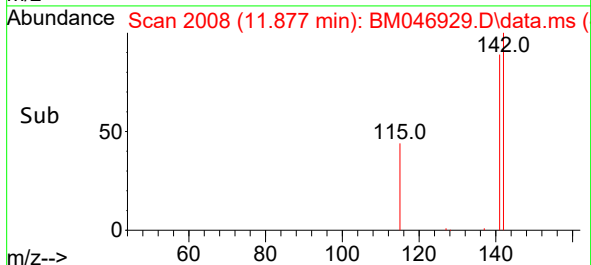
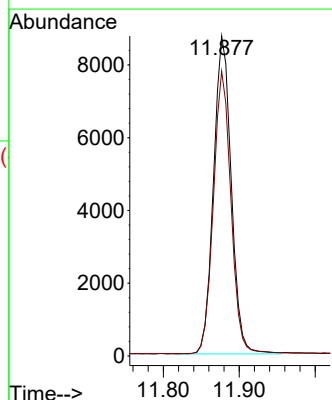
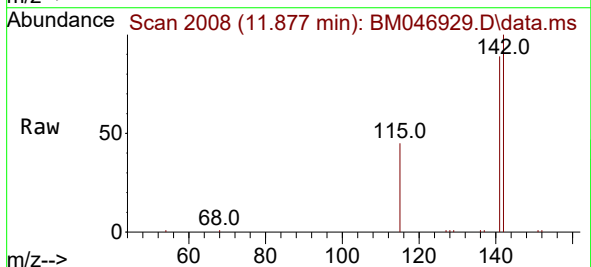
Instrument :
BNA_M
ClientSampleId :
F7E16DL

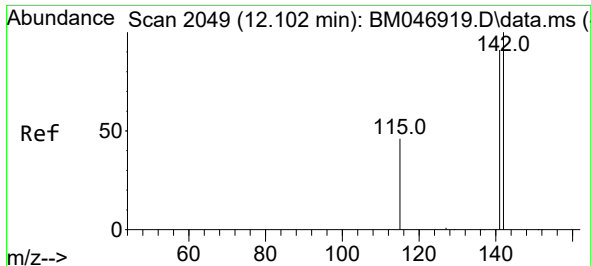
Tgt Ion:128 Resp: 69390
Ion Ratio Lower Upper
128 100
129 11.2 10.1 15.1
127 13.0 11.5 17.3



#7
2-Methylnaphthalene
Concen: 1.162 ng/ul
RT: 11.877 min Scan# 2008
Delta R.T. -0.011 min
Lab File: BM046929.D
Acq: 30 Jul 2024 21:14

Tgt Ion:142 Resp: 14120
Ion Ratio Lower Upper
142 100
141 88.1 70.5 105.7

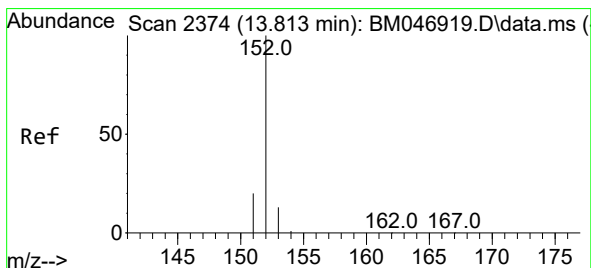
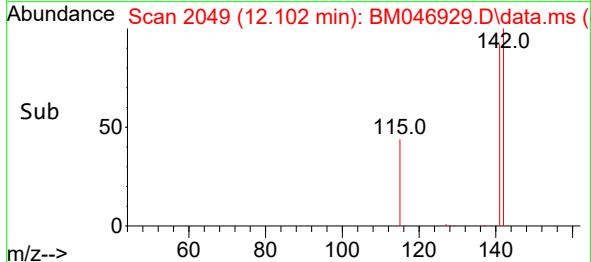
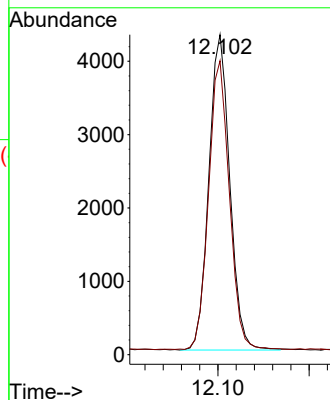
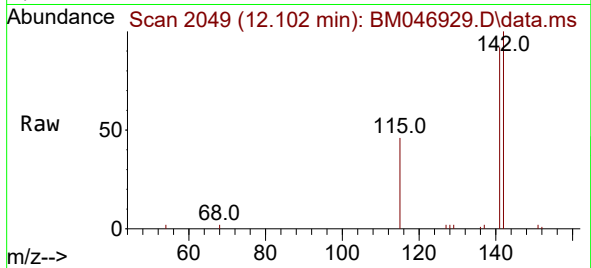




#8
1-Methylnaphthalene
Concen: 0.546 ng/ul
RT: 12.102 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BM046929.D
Acq: 30 Jul 2024 21:14

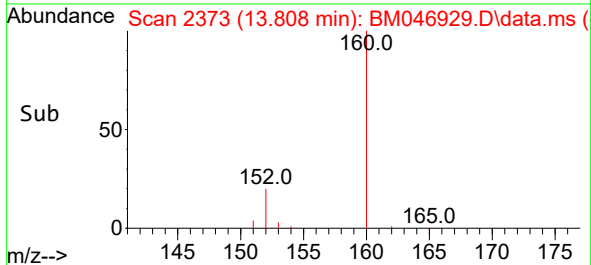
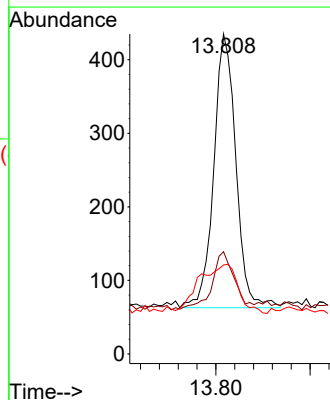
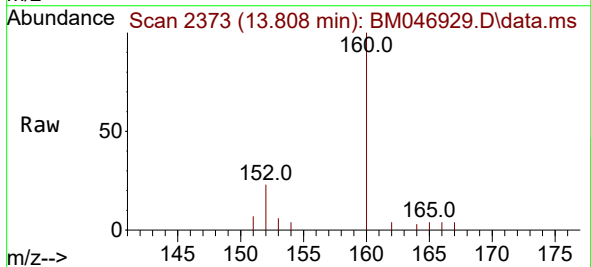
Instrument :
BNA_M
ClientSampleId :
F7E16DL

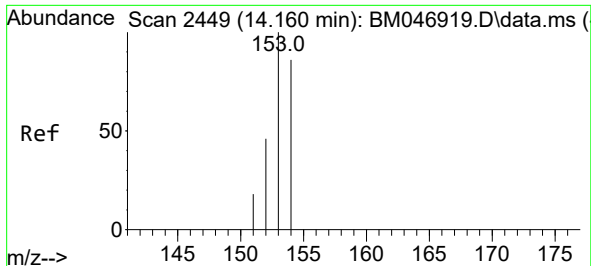
Tgt Ion:142 Resp: 6850
Ion Ratio Lower Upper
142 100
141 90.7 73.1 109.7



#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 13.808 min Scan# 2373
Delta R.T. -0.009 min
Lab File: BM046929.D
Acq: 30 Jul 2024 21:14

Tgt Ion:152 Resp: 606
Ion Ratio Lower Upper
152 100
151 32.0 16.8 25.2#
153 27.8 11.0 16.6#

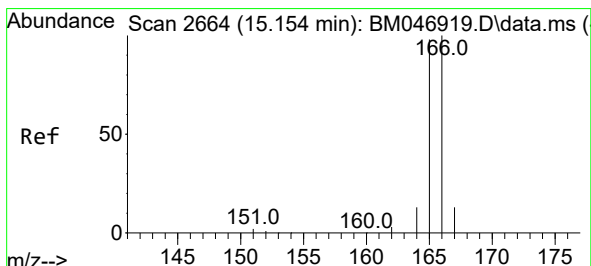
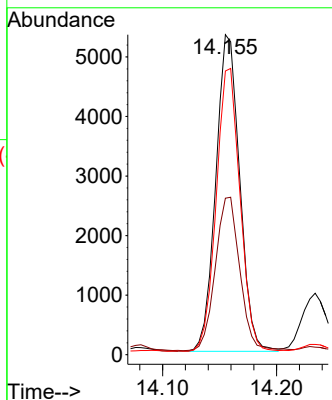
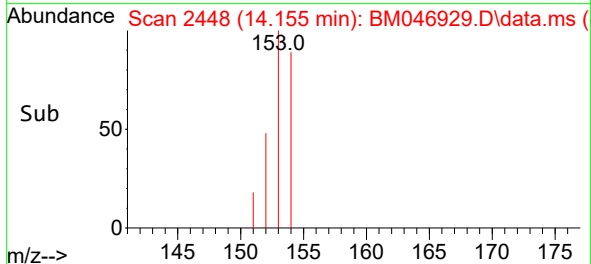
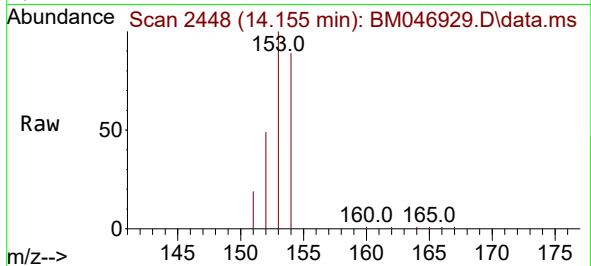




#11
Acenaphthene
Concen: 0.505 ng/ul
RT: 14.155 min Scan# 2448
Delta R.T. -0.009 min
Lab File: BM046929.D
Acq: 30 Jul 2024 21:14

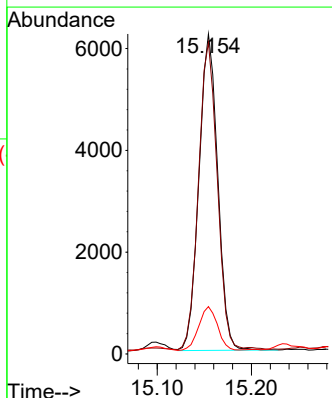
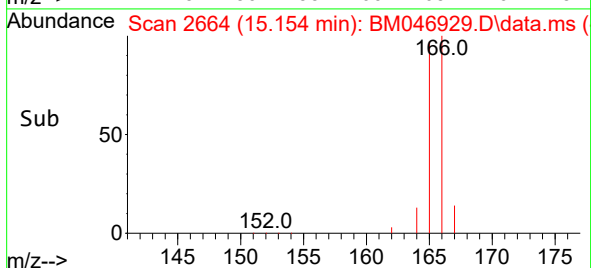
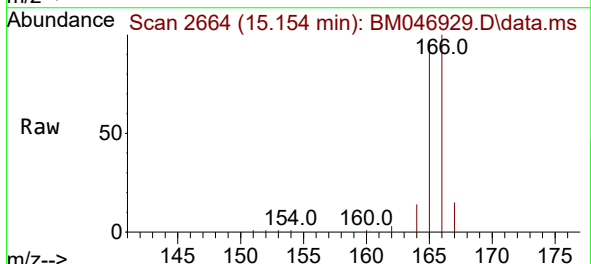
Instrument :
BNA_M
ClientSampleId :
F7E16DL

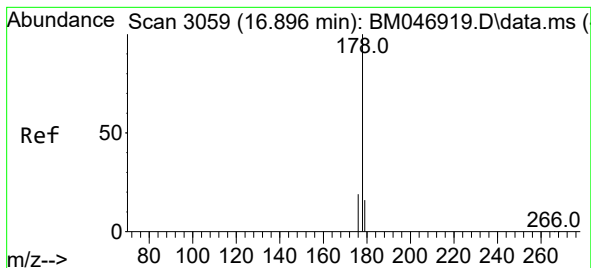
Tgt Ion:153 Resp: 7728
Ion Ratio Lower Upper
153 100
152 48.9 38.6 57.8
154 88.6 70.8 106.2



#12
Fluorene
Concen: 0.449 ng/ul
RT: 15.154 min Scan# 2664
Delta R.T. -0.009 min
Lab File: BM046929.D
Acq: 30 Jul 2024 21:14

Tgt Ion:166 Resp: 8586
Ion Ratio Lower Upper
166 100
165 97.3 79.8 119.6
167 14.8 12.3 18.5





#15

Phenanthrene

Concen: 0.942 ng/ul

RT: 16.892 min Scan# 3058

Delta R.T. -0.009 min

Lab File: BM046929.D

Acq: 30 Jul 2024 21:14

Instrument :

BNA_M

ClientSampleId :

F7E16DL

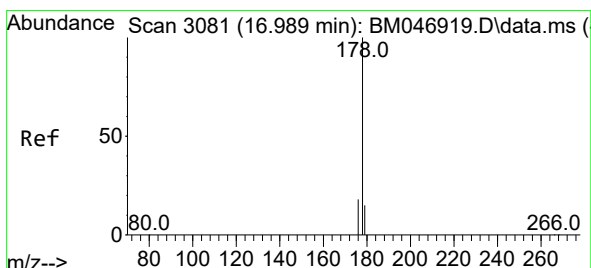
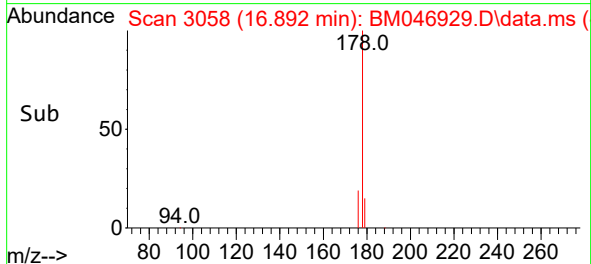
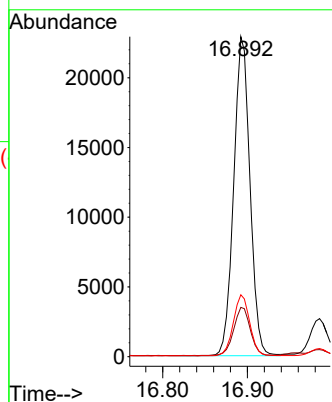
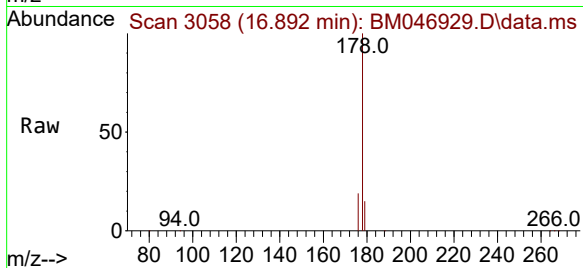
Tgt Ion:178 Resp: 30486

Ion Ratio Lower Upper

178 100

179 15.4 13.4 20.2

176 19.4 16.1 24.1



#16

Anthracene

Concen: 0.125 ng/ul

RT: 16.985 min Scan# 3080

Delta R.T. -0.009 min

Lab File: BM046929.D

Acq: 30 Jul 2024 21:14

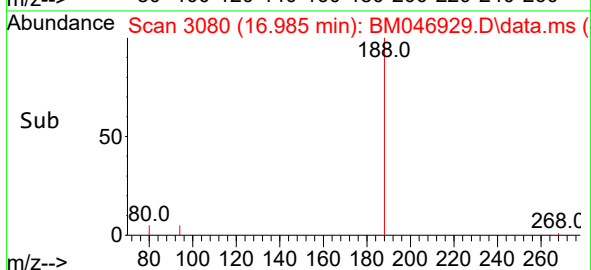
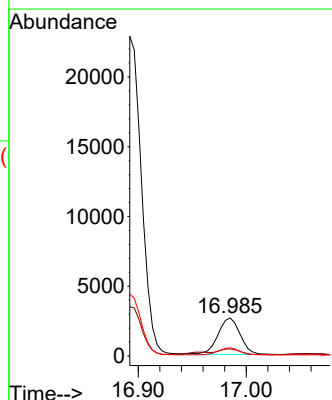
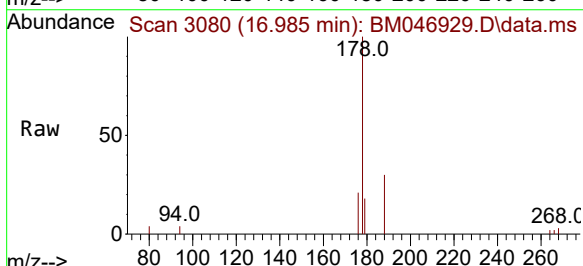
Tgt Ion:178 Resp: 3762

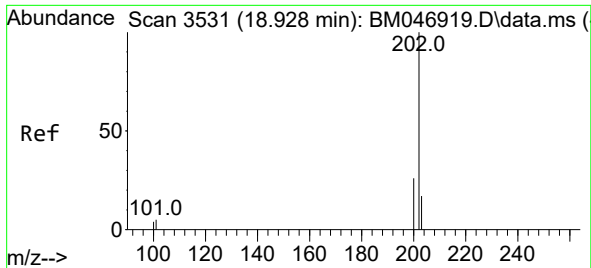
Ion Ratio Lower Upper

178 100

179 18.4 13.1 19.7

176 21.3 15.0 22.6

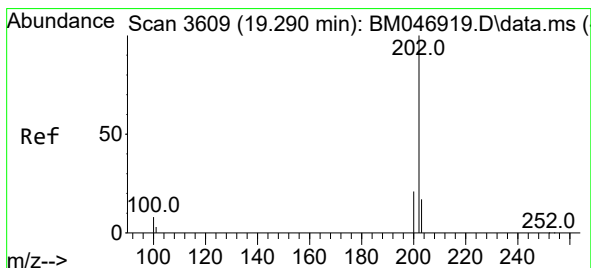
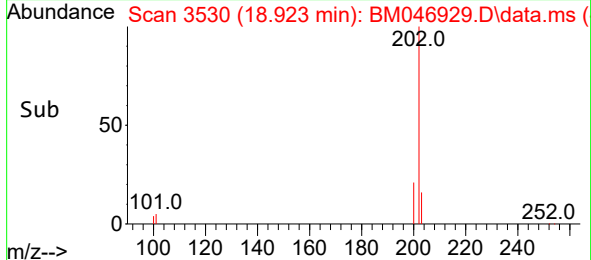
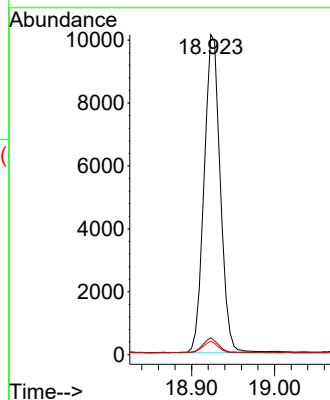
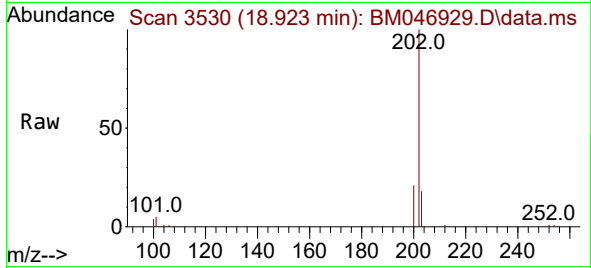




#19
Fluoranthene
Concen: 0.457 ng/ul
RT: 18.923 min Scan# 3530
Delta R.T. -0.009 min
Lab File: BM046929.D
Acq: 30 Jul 2024 21:14

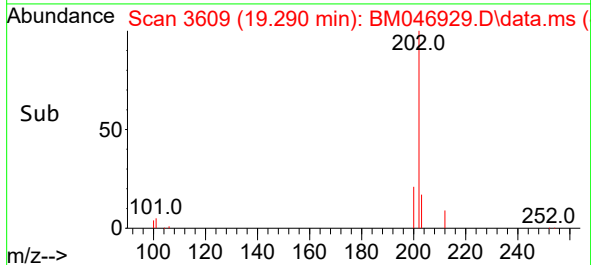
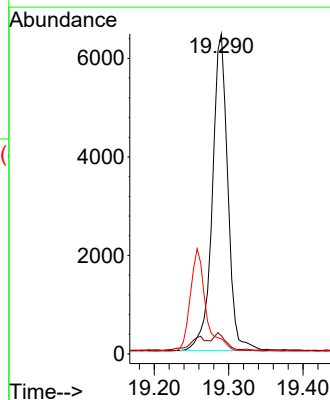
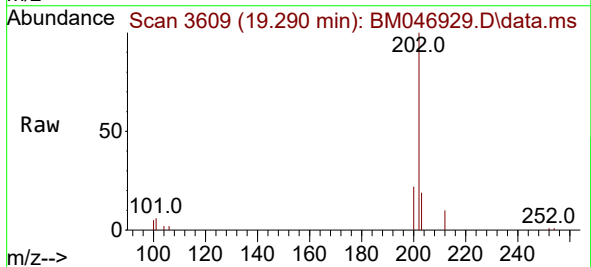
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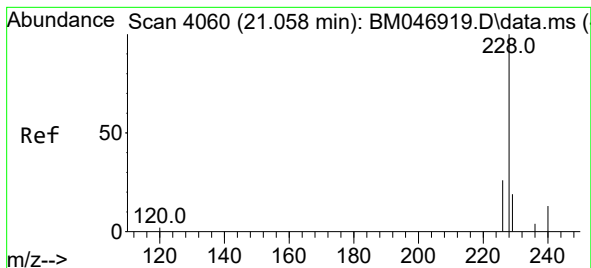
Tgt Ion:202 Resp: 13742
Ion Ratio Lower Upper
202 100
101 5.3 4.7 7.1
100 4.2 3.4 5.2



#20
Pyrene
Concen: 0.299 ng/ul
RT: 19.290 min Scan# 3609
Delta R.T. -0.005 min
Lab File: BM046929.D
Acq: 30 Jul 2024 21:14

Tgt Ion:202 Resp: 9303
Ion Ratio Lower Upper
202 100
101 5.7 5.2 7.8
100 4.8 4.3 6.5





#21

Benzo(a)anthracene

Concen: 0.070 ng/ul

RT: 21.052 min Scan# 4058

Delta R.T. -0.006 min

Lab File: BM046929.D

Acq: 30 Jul 2024 21:14

Instrument :

BNA_M

ClientSampleId :

F7E16DL

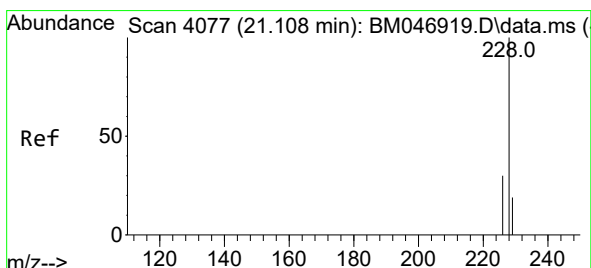
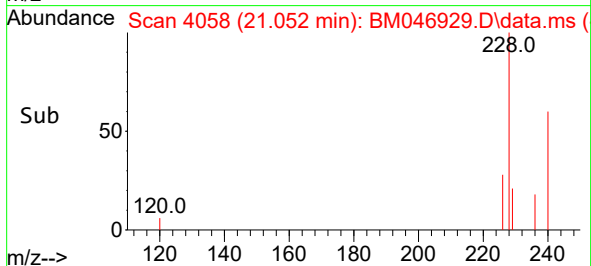
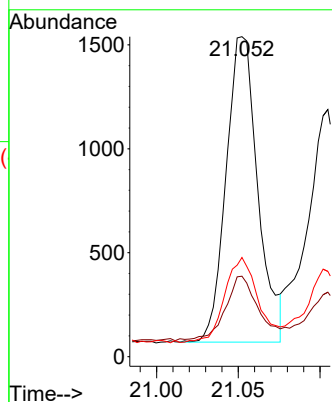
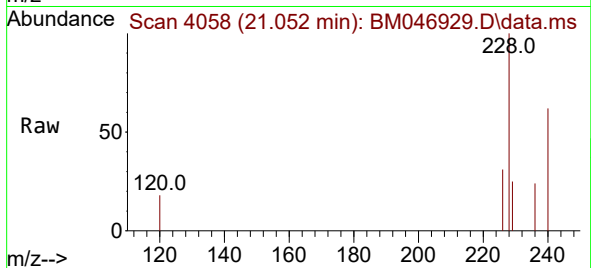
Tgt Ion:228 Resp: 1988

Ion Ratio Lower Upper

228 100

229 25.1 16.3 24.5#

226 31.0 22.3 33.5



#22

Chrysene

Concen: 0.057 ng/ul

RT: 21.105 min Scan# 4076

Delta R.T. -0.003 min

Lab File: BM046929.D

Acq: 30 Jul 2024 21:14

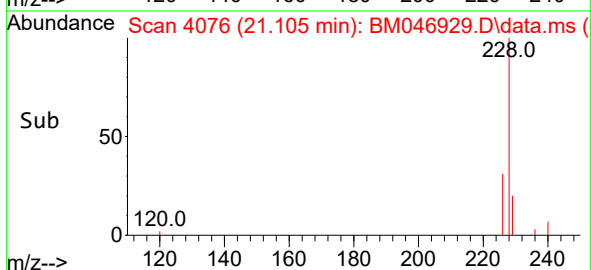
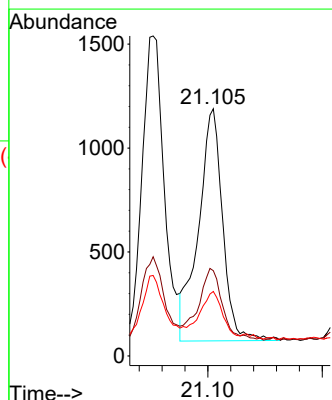
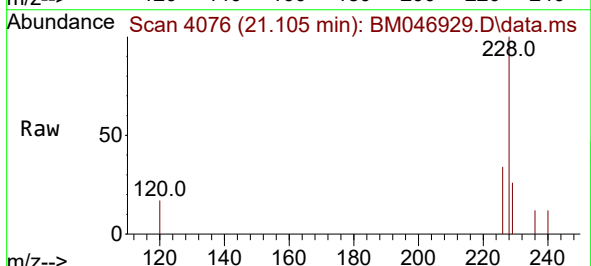
Tgt Ion:228 Resp: 1643

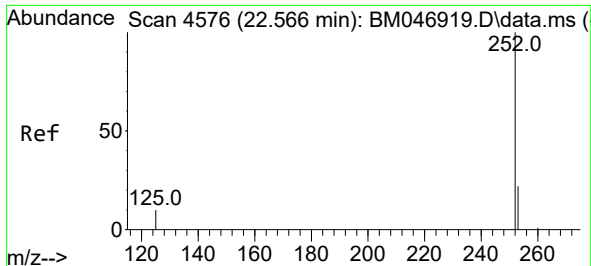
Ion Ratio Lower Upper

228 100

226 34.5 24.5 36.7

229 26.1 16.2 24.2#

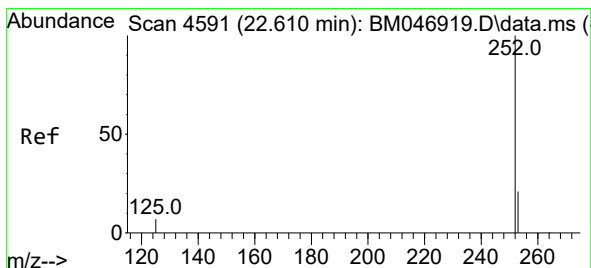
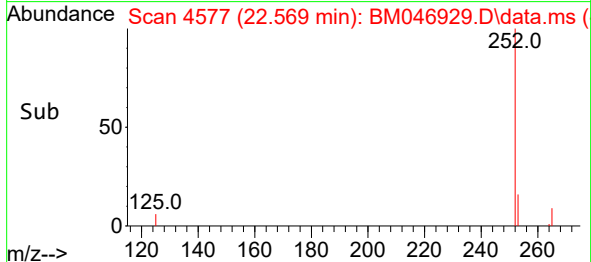
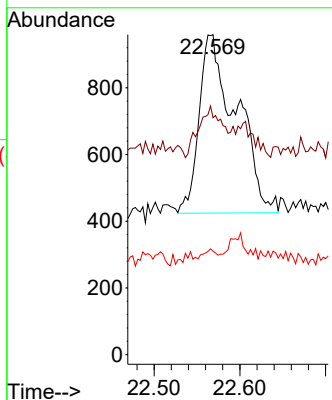
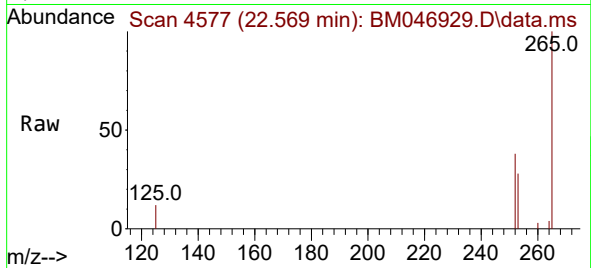




#24
Benzo(b)fluoranthene
Concen: 0.051 ng/ul
RT: 22.569 min Scan# 4577
Delta R.T. -0.000 min
Lab File: BM046929.D
Acq: 30 Jul 2024 21:14

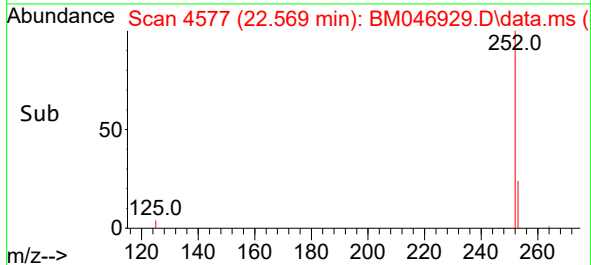
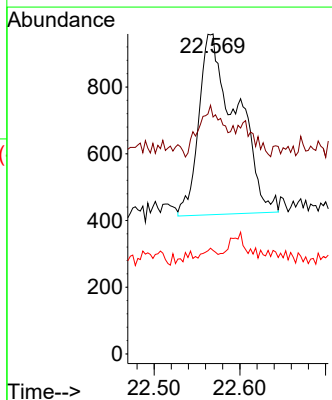
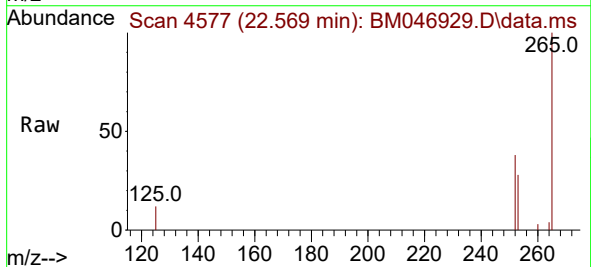
Instrument :
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ClientSampleId :
F7E16DL

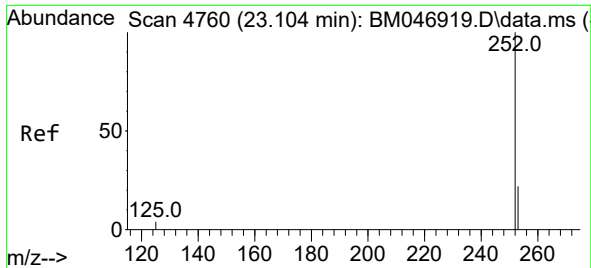
Tgt Ion:252 Resp: 1622
Ion Ratio Lower Upper
252 100
253 74.0 0.0 56.4#
125 32.3 0.0 15.8#



#25
Benzo(k)fluoranthene
Concen: 0.052 ng/ul
RT: 22.569 min Scan# 4577
Delta R.T. -0.041 min
Lab File: BM046929.D
Acq: 30 Jul 2024 21:14

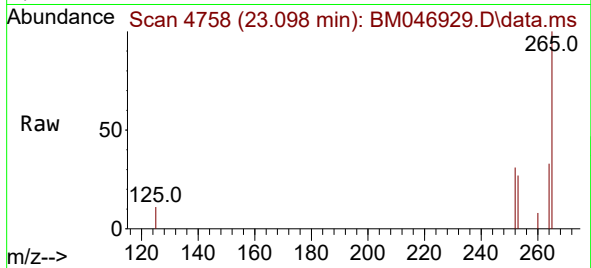
Tgt Ion:252 Resp: 1661
Ion Ratio Lower Upper
252 100
253 74.0 23.5 35.3#
125 32.3 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 0.030 ng/ul
RT: 23.098 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM046929.D
Acq: 30 Jul 2024 21:14

Instrument :
BNA_M
ClientSampleId :
F7E16DL



Tgt Ion:252 Resp: 680
Ion Ratio Lower Upper
252 100
253 86.7 26.0 39.0#
125 36.7 7.8 11.8#

