

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081424\
 Data File : BM047182.D
 Acq On : 13 Aug 2024 19:47
 Operator : RC/JU
 Sample : PB162637BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS637

Quant Time: Aug 14 00:21:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM080724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 16:46:53 2024
 Response via : Initial Calibration

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

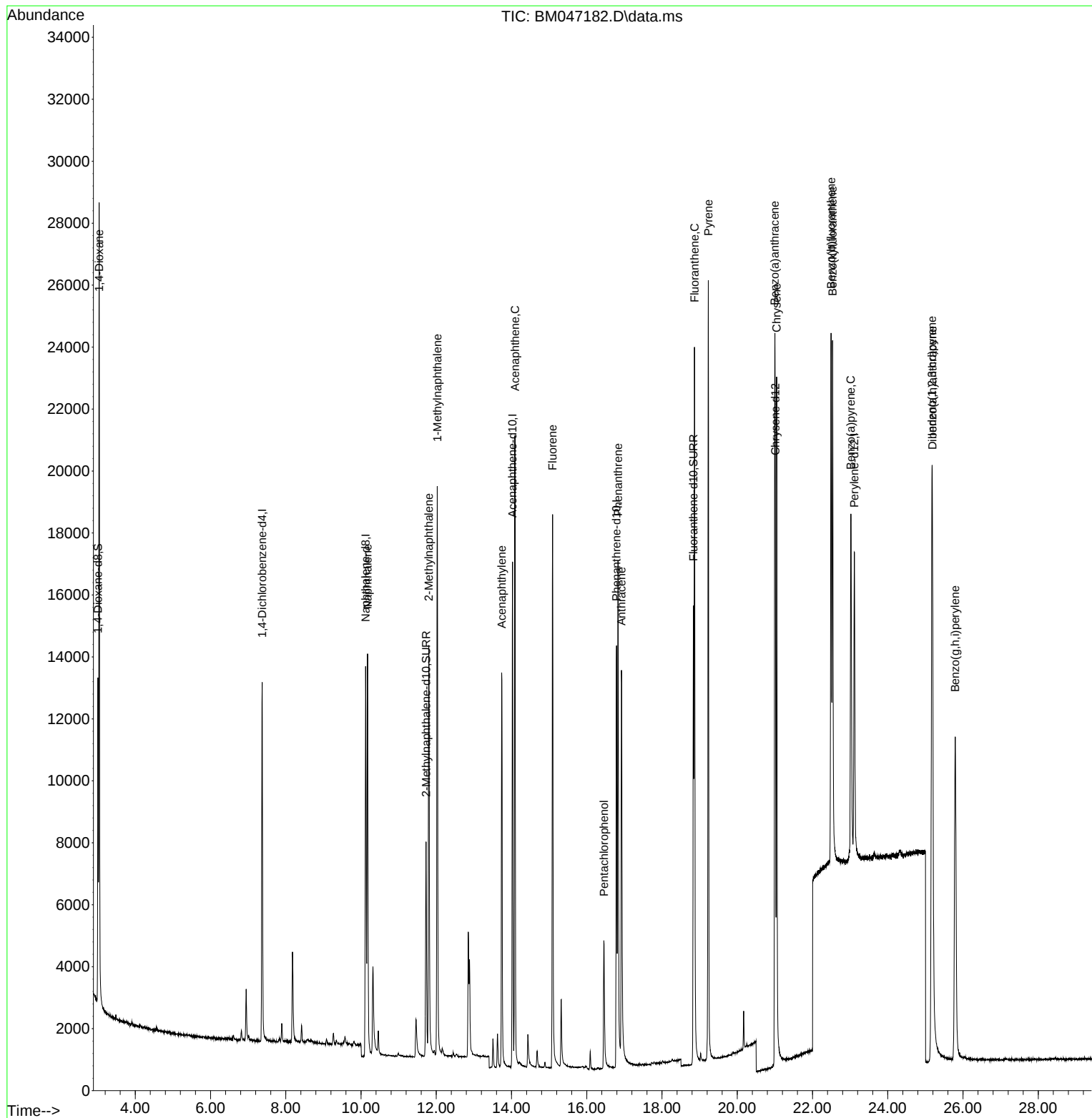
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.372	152	6101	0.400	ng/ul	0.00
4) Naphthalene-d8	10.124	136	17576	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.027	164	9007	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.792	188	17518	0.400	ng/ul	0.00
17) Chrysene-d12	21.012	240	12657	0.400	ng/ul	# 0.00
23) Perylene-d12	23.113	264	12800	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.009	96	5747	0.934	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.729	152	10321	0.393	ng/ul	0.00
18) Fluoranthene-d10	18.836	212	16444	0.450	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.038	88	15573	2.266	ng/ul#	87
5) Naphthalene	10.173	128	17984	0.392	ng/ul	99
7) 2-Methylnaphthalene	11.801	142	11011	0.367	ng/ul	99
8) 1-Methylnaphthalene	12.026	142	13282	0.424	ng/ul	99
10) Acenaphthylene	13.740	152	15307	0.366	ng/ul	100
11) Acenaphthene	14.091	153	11682	0.411	ng/ul	99
12) Fluorene	15.091	166	12609	0.381	ng/ul	99
14) Pentachlorophenol	16.454	266	3545	0.635	ng/ul	96
15) Phenanthrene	16.830	178	18934	0.375	ng/ul	99
16) Anthracene	16.923	178	16150	0.359	ng/ul	99
19) Fluoranthene	18.864	202	20721	0.404	ng/ul#	95
20) Pyrene	19.231	202	21819	0.406	ng/ul	97
21) Benzo(a)anthracene	20.998	228	18287	0.393	ng/ul	99
22) Chrysene	21.047	228	20217	0.410	ng/ul	99
24) Benzo(b)fluoranthene	22.494	252	20267	0.399	ng/ul	97
25) Benzo(k)fluoranthene	22.535	252	21632	0.407	ng/ul	96
26) Benzo(a)pyrene	23.020	252	17814	0.444	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.173	276	25643	0.420	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.186	278	19785	0.417	ng/ul	97
29) Benzo(g,h,i)perylene	25.793	276	21581	0.427	ng/ul	97

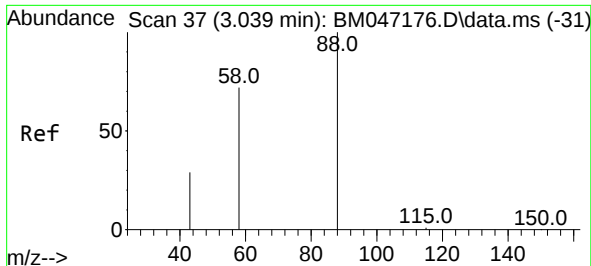
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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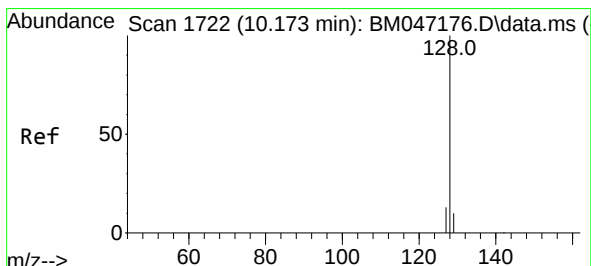
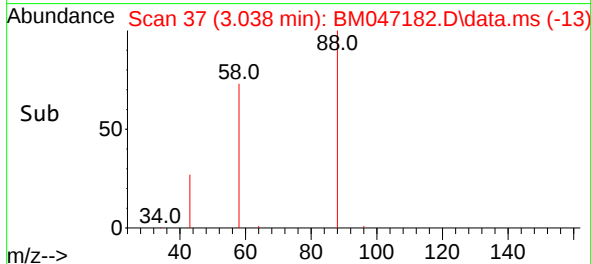
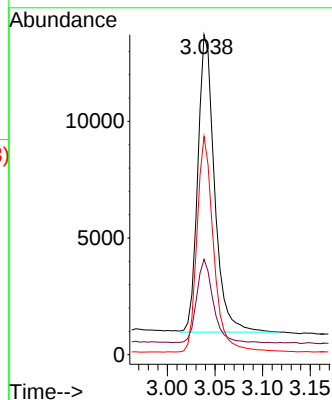
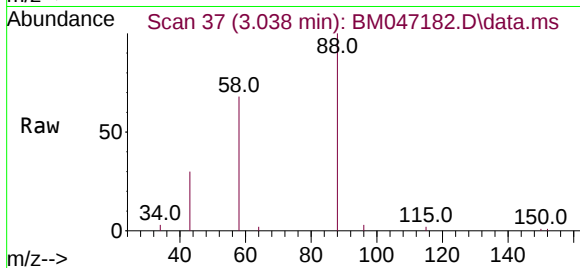




#2
1,4-Dioxane
Concen: 2.266 ng/ul
RT: 3.038 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM047182.D
Acq: 13 Aug 2024 19:47

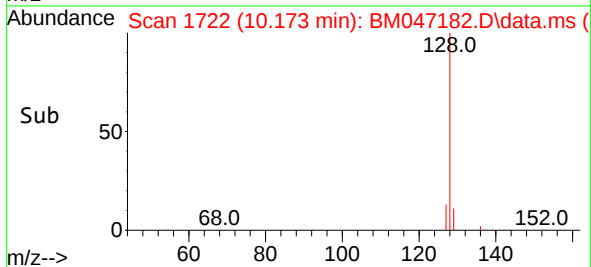
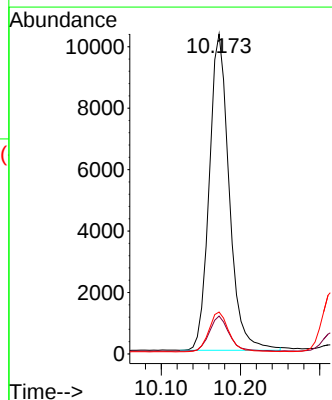
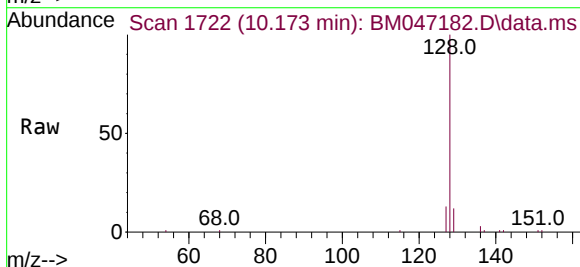
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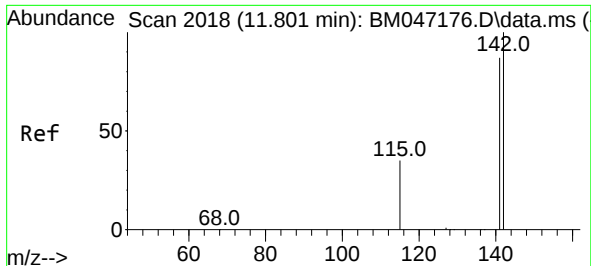
Tgt Ion: 88 Resp: 15573
Ion Ratio Lower Upper
88 100
43 29.8 32.0 48.0#
58 68.2 48.1 72.1



#5
Naphthalene
Concen: 0.392 ng/ul
RT: 10.173 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BM047182.D
Acq: 13 Aug 2024 19:47

Tgt Ion: 128 Resp: 17984
Ion Ratio Lower Upper
128 100
129 11.9 8.9 13.3
127 13.1 10.6 15.8

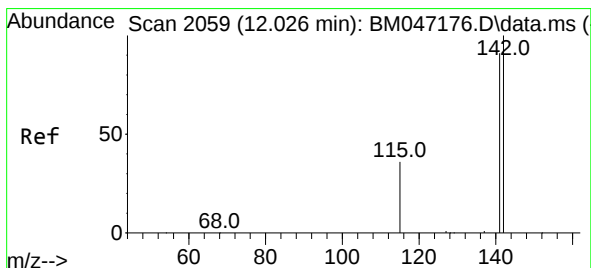
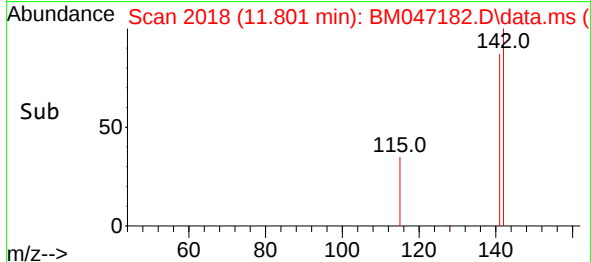
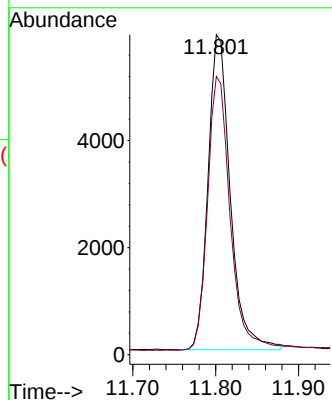
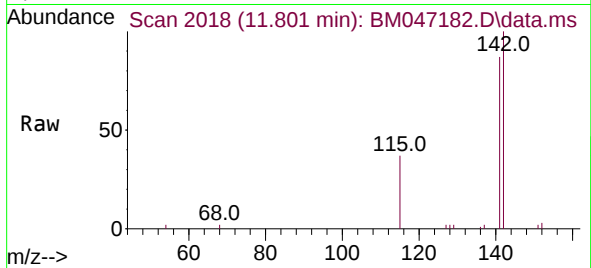




#7
2-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 11.801 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BM047182.D
Acq: 13 Aug 2024 19:47

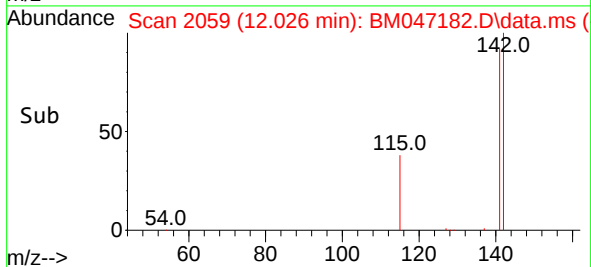
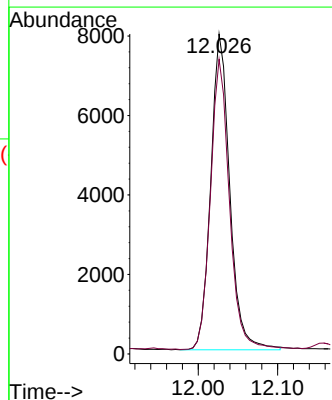
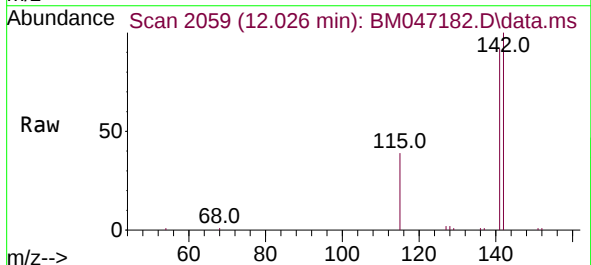
Instrument :
BNA_M
ClientSampleId :
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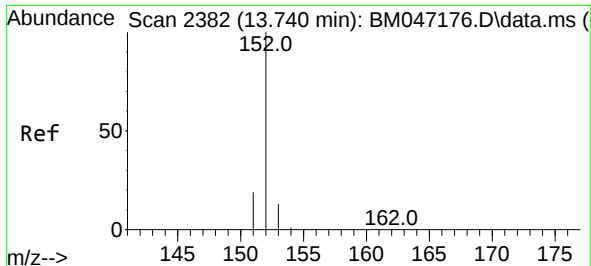
Tgt Ion:142 Resp: 11011
Ion Ratio Lower Upper
142 100
141 88.3 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.424 ng/ul
RT: 12.026 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BM047182.D
Acq: 13 Aug 2024 19:47

Tgt Ion:142 Resp: 13282
Ion Ratio Lower Upper
142 100
141 91.6 72.6 109.0

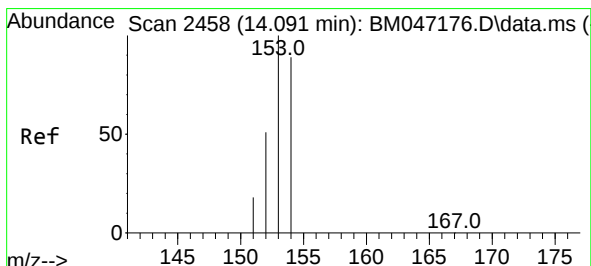
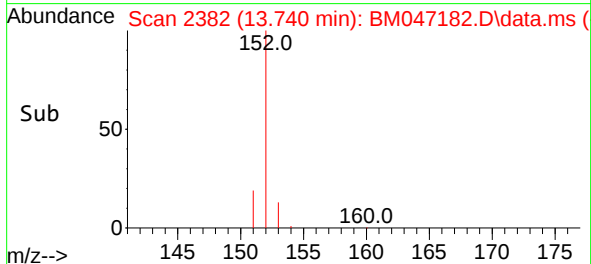
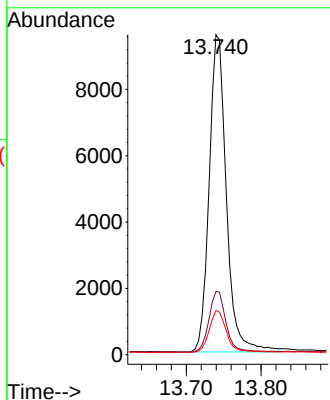
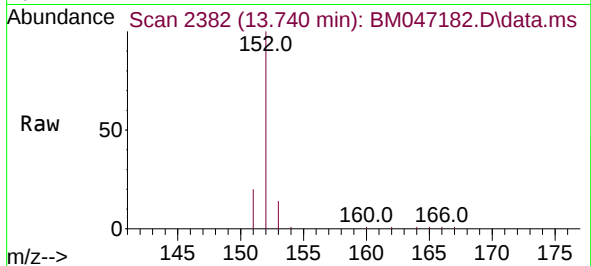




#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 13.740 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047182.D
Acq: 13 Aug 2024 19:47

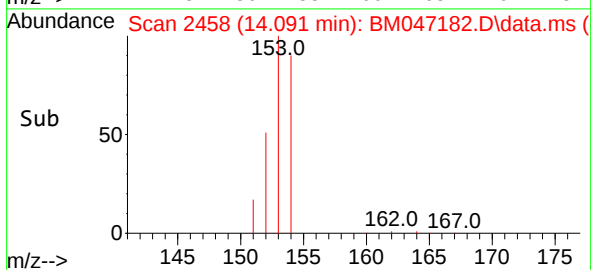
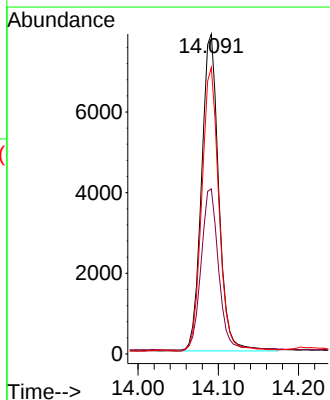
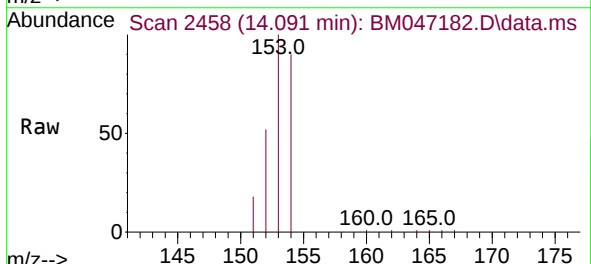
Instrument :
BNA_M
ClientSampleId :
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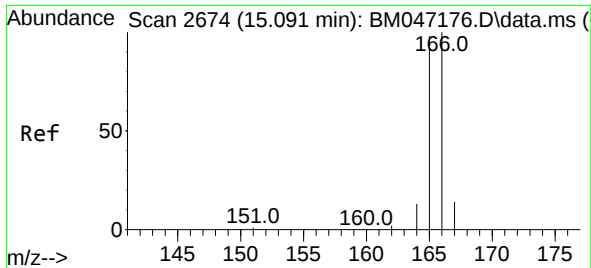
Tgt Ion:	152	Resp:	15307
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.8	10.8	16.2



#11
Acenaphthene
Concen: 0.411 ng/ul
RT: 14.091 min Scan# 2458
Delta R.T. -0.000 min
Lab File: BM047182.D
Acq: 13 Aug 2024 19:47

Tgt Ion:	153	Resp:	11682
Ion	Ratio	Lower	Upper
153	100		
152	51.6	41.6	62.4
154	89.5	71.1	106.7

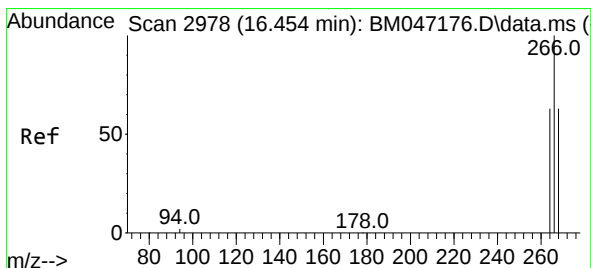
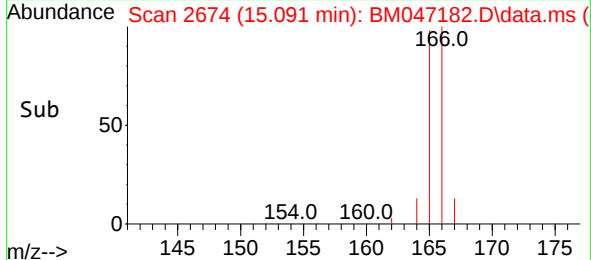
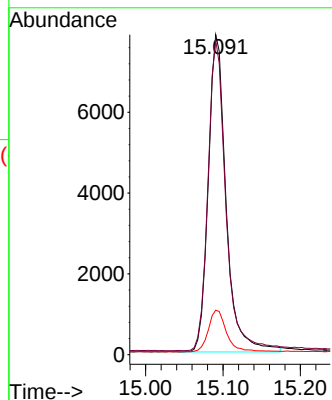
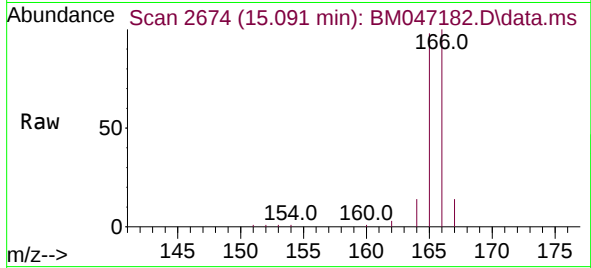




#12
Fluorene
Concen: 0.381 ng/ul
RT: 15.091 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM047182.D
Acq: 13 Aug 2024 19:47

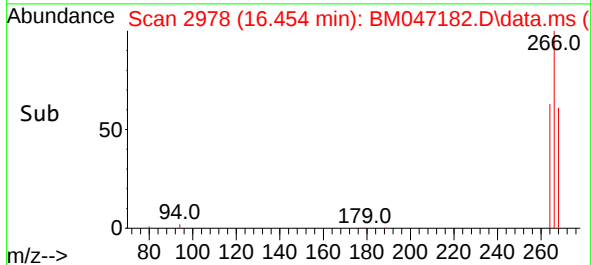
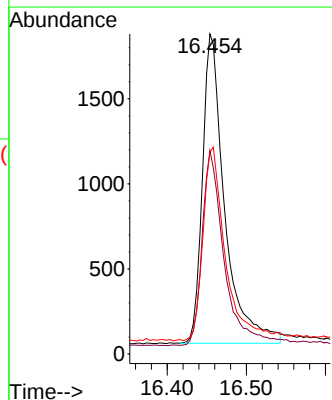
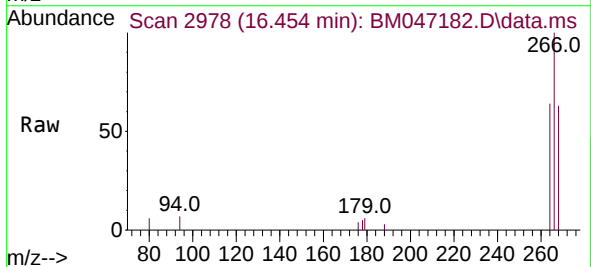
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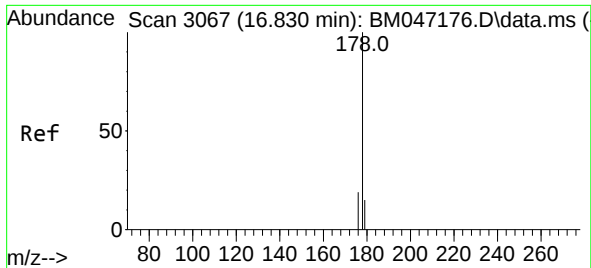
Tgt Ion:166 Resp: 12609
Ion Ratio Lower Upper
166 100
165 98.3 78.2 117.2
167 13.9 10.7 16.1



#14
Pentachlorophenol
Concen: 0.635 ng/ul
RT: 16.454 min Scan# 2978
Delta R.T. -0.000 min
Lab File: BM047182.D
Acq: 13 Aug 2024 19:47

Tgt Ion:266 Resp: 3545
Ion Ratio Lower Upper
266 100
264 61.9 47.2 70.8
268 63.7 48.2 72.4

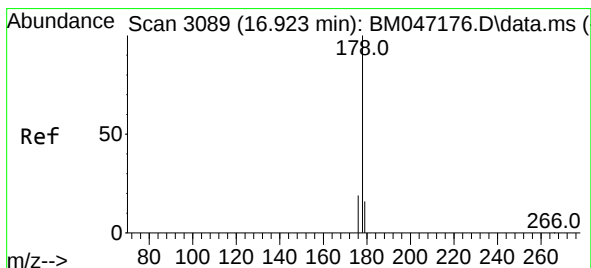
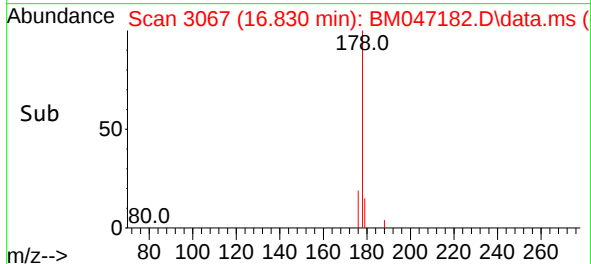
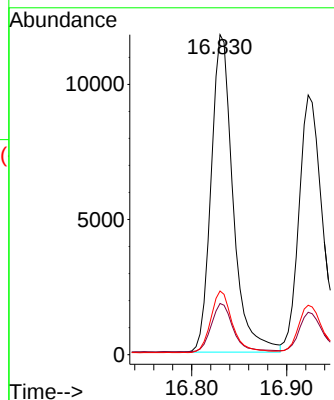
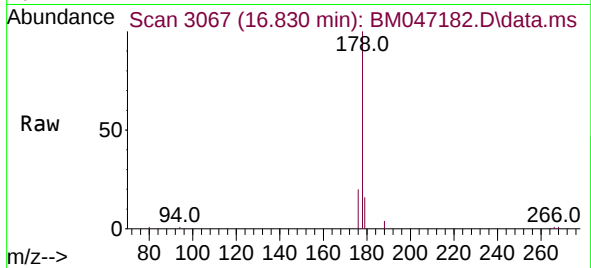




#15
Phenanthrene
Concen: 0.375 ng/ul
RT: 16.830 min Scan# 3067
Delta R.T. -0.000 min
Lab File: BM047182.D
Acq: 13 Aug 2024 19:47

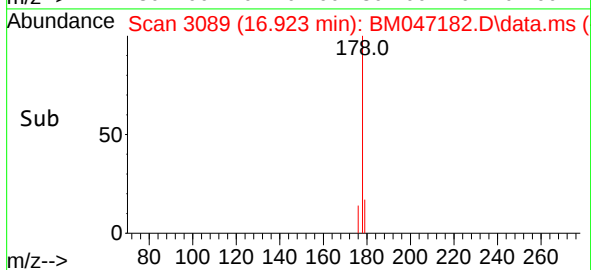
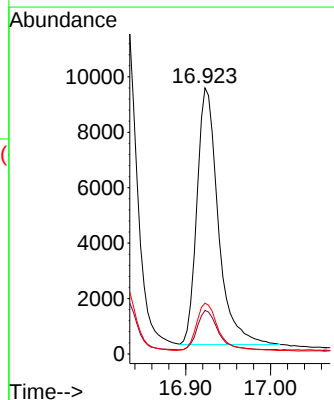
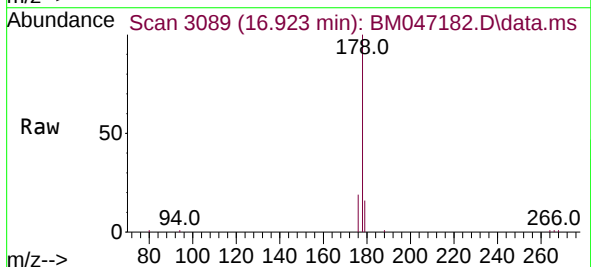
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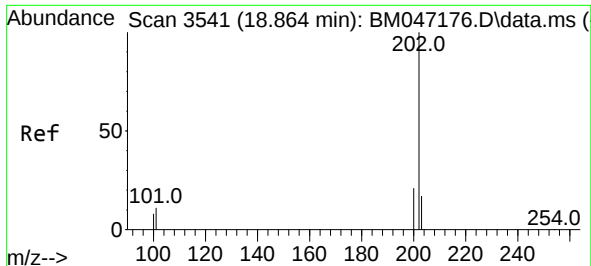
Tgt Ion:178 Resp: 18934
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.9 15.7 23.5



#16
Anthracene
Concen: 0.359 ng/ul
RT: 16.923 min Scan# 3089
Delta R.T. -0.000 min
Lab File: BM047182.D
Acq: 13 Aug 2024 19:47

Tgt Ion:178 Resp: 16150
Ion Ratio Lower Upper
178 100
179 16.4 12.7 19.1
176 19.1 15.2 22.8

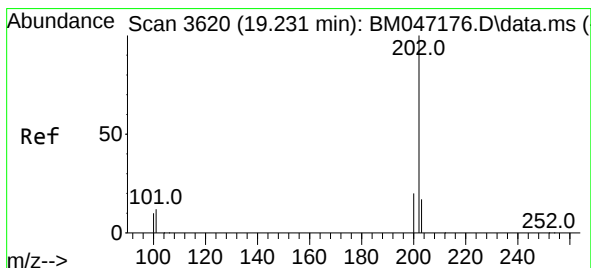
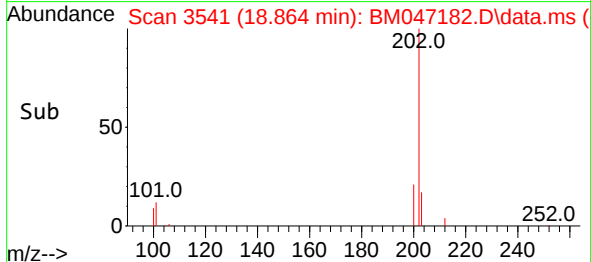
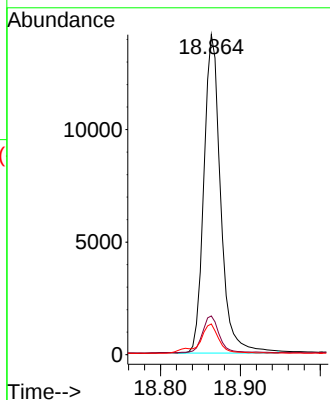
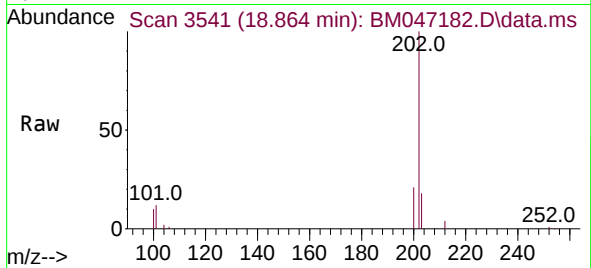




#19
Fluoranthene
Concen: 0.404 ng/ul
RT: 18.864 min Scan# 3541
Delta R.T. -0.000 min
Lab File: BM047182.D
Acq: 13 Aug 2024 19:47

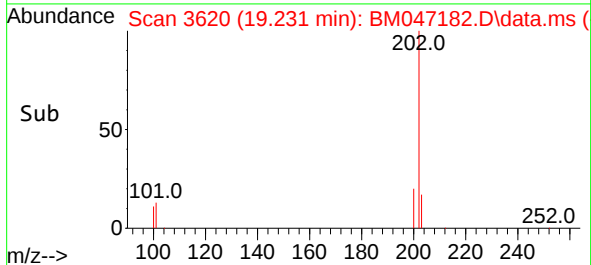
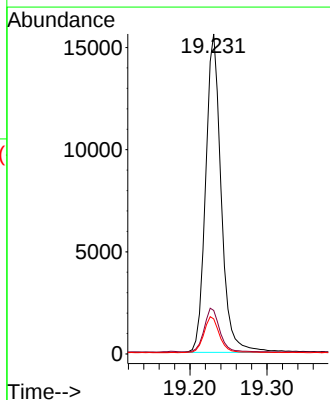
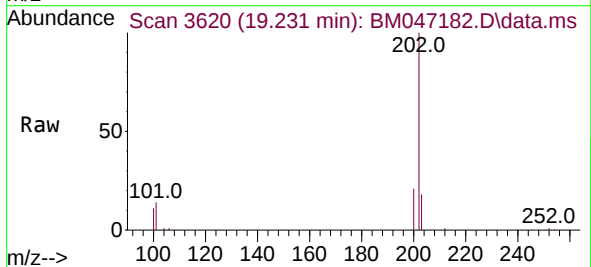
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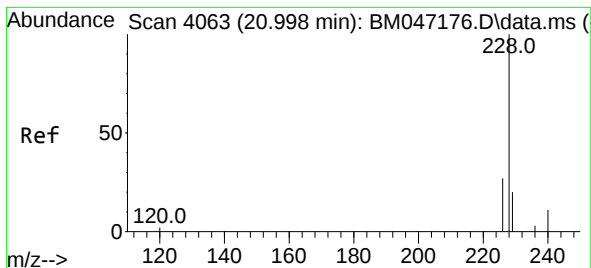
Tgt Ion:202 Resp: 20721
Ion Ratio Lower Upper
202 100
101 12.1 8.2 12.2
100 9.6 6.0 9.0#



#20
Pyrene
Concen: 0.406 ng/ul
RT: 19.231 min Scan# 3620
Delta R.T. -0.000 min
Lab File: BM047182.D
Acq: 13 Aug 2024 19:47

Tgt Ion:202 Resp: 21819
Ion Ratio Lower Upper
202 100
101 13.6 9.8 14.8
100 10.9 8.0 12.0





#21

Benzo(a)anthracene

Concen: 0.393 ng/ul

RT: 20.998 min Scan# 4063

Delta R.T. -0.000 min

Lab File: BM047182.D

Acq: 13 Aug 2024 19:47

Instrument :

BNA_M

ClientSampleId :

SLCS637

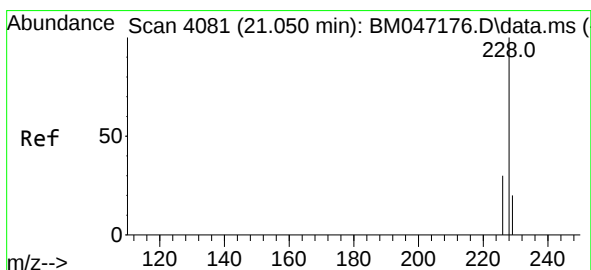
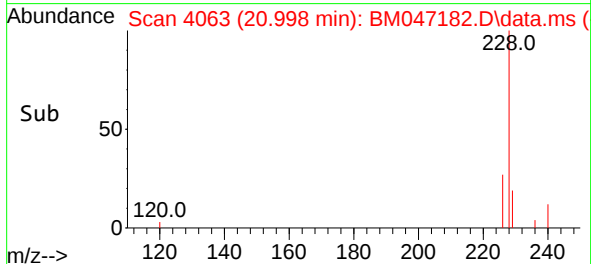
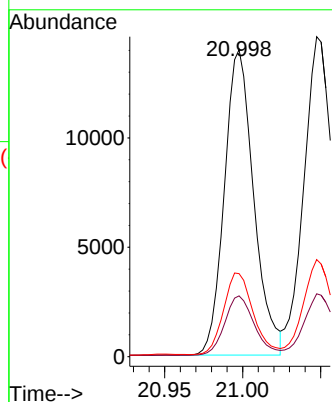
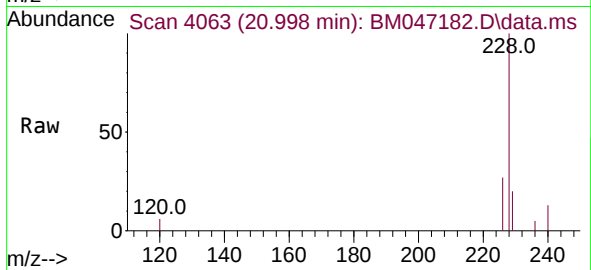
Tgt Ion:228 Resp: 18287

Ion Ratio Lower Upper

228 100

229 19.8 15.9 23.9

226 27.1 22.1 33.1



#22

Chrysene

Concen: 0.410 ng/ul

RT: 21.047 min Scan# 4080

Delta R.T. -0.003 min

Lab File: BM047182.D

Acq: 13 Aug 2024 19:47

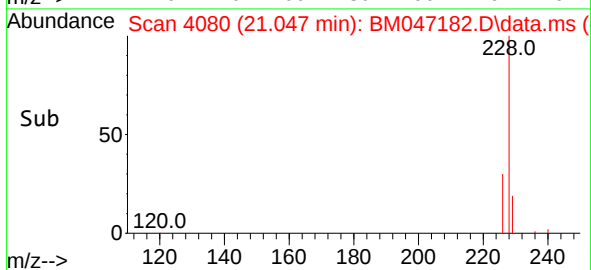
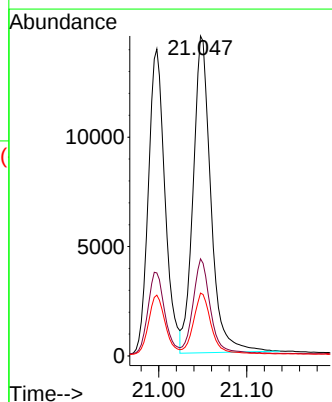
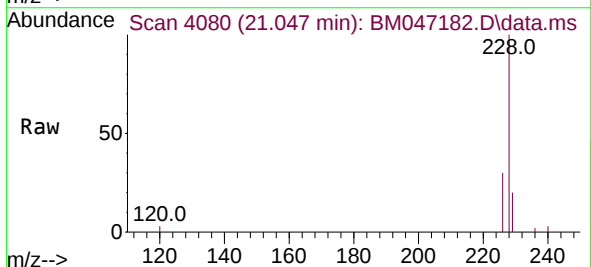
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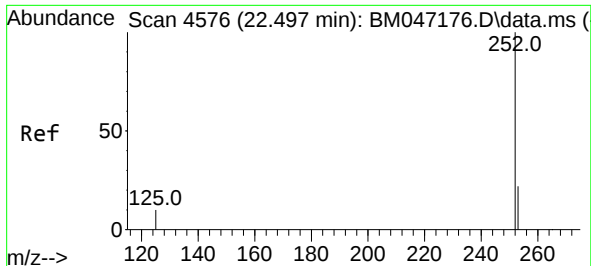
Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

229 19.6 15.7 23.5

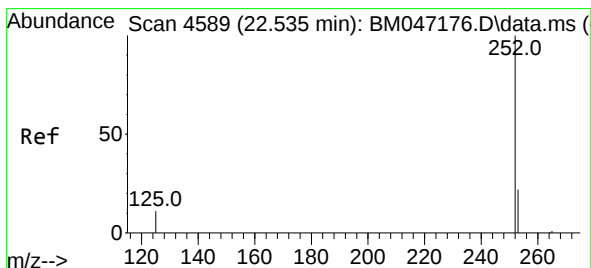
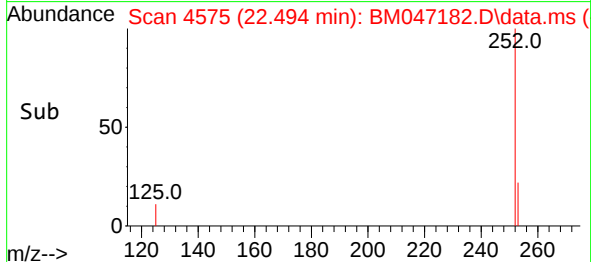
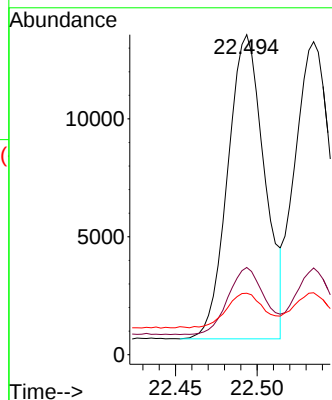
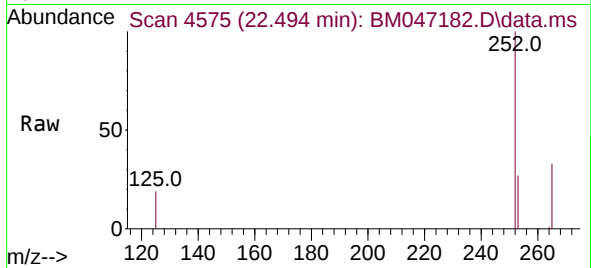




#24
Benzo(b)fluoranthene
Concen: 0.399 ng/ul
RT: 22.494 min Scan# 4575
Delta R.T. -0.003 min
Lab File: BM047182.D
Acq: 13 Aug 2024 19:47

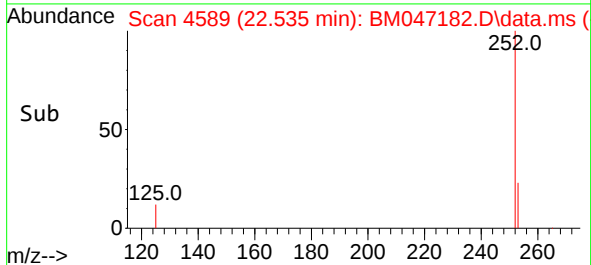
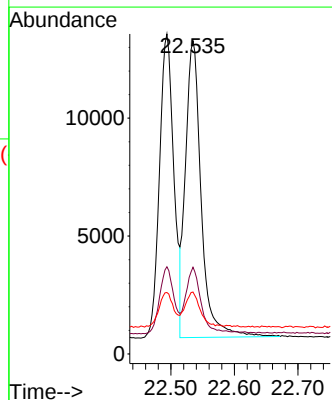
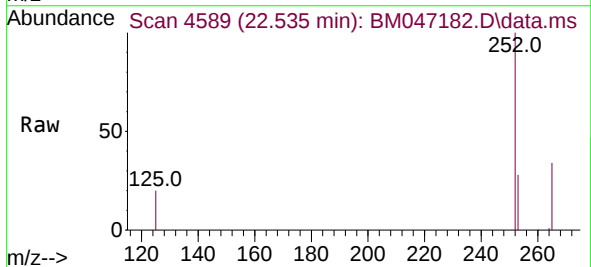
Instrument :
BNA_M
ClientSampleId :
SLCS637

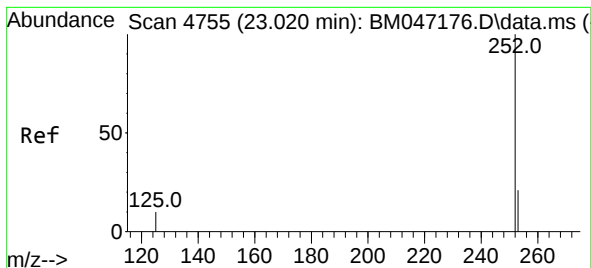
Tgt Ion:252 Resp: 20267
Ion Ratio Lower Upper
252 100
253 27.2 0.0 53.4
125 19.2 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.407 ng/ul
RT: 22.535 min Scan# 4589
Delta R.T. -0.000 min
Lab File: BM047182.D
Acq: 13 Aug 2024 19:47

Tgt Ion:252 Resp: 21632
Ion Ratio Lower Upper
252 100
253 27.7 21.1 31.7
125 19.8 13.2 19.8





#26

Benzo(a)pyrene

Concen: 0.444 ng/ul

RT: 23.020 min Scan# 4755

Delta R.T. -0.000 min

Lab File: BM047182.D

Acq: 13 Aug 2024 19:47

Instrument :

BNA_M

ClientSampleId :

SLCS637

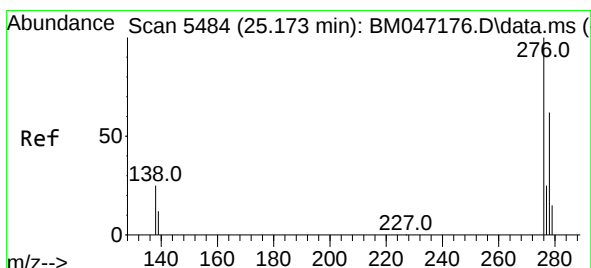
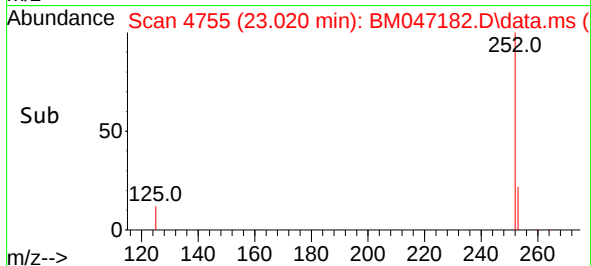
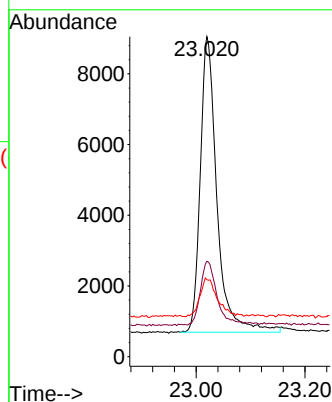
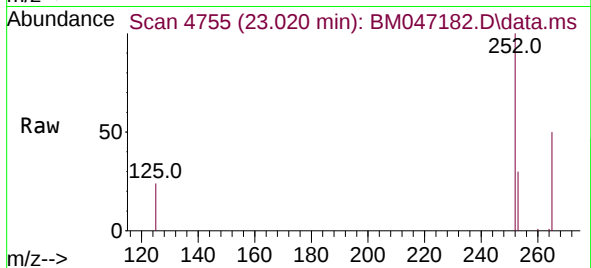
Tgt Ion:252 Resp: 17814

Ion Ratio Lower Upper

252 100

253 29.8 23.6 35.4

125 24.0 15.8 23.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.420 ng/ul

RT: 25.173 min Scan# 5484

Delta R.T. -0.000 min

Lab File: BM047182.D

Acq: 13 Aug 2024 19:47

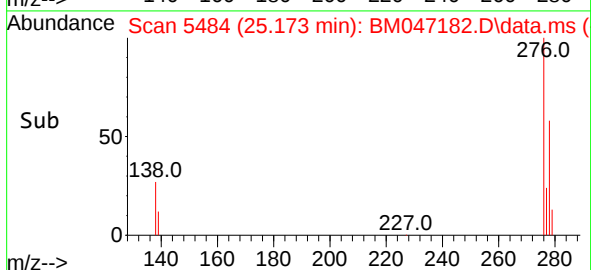
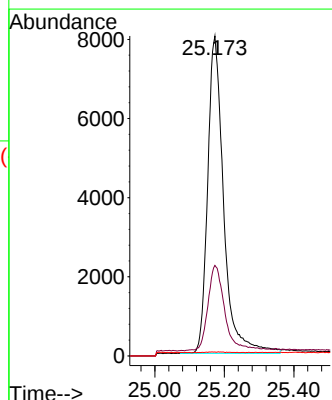
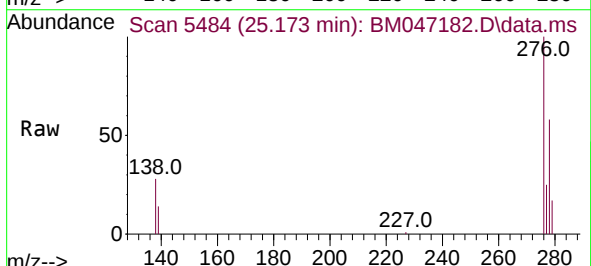
Tgt Ion:276 Resp: 25643

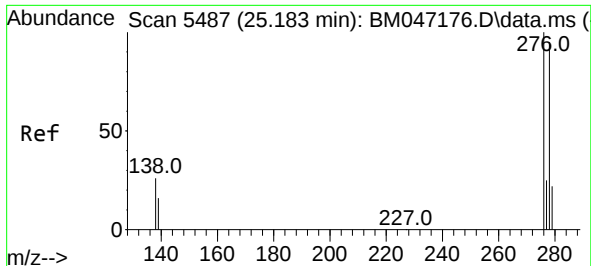
Ion Ratio Lower Upper

276 100

138 27.3 20.1 30.1

227 0.1 0.2 0.2#

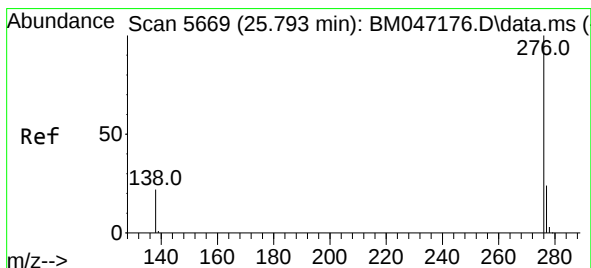
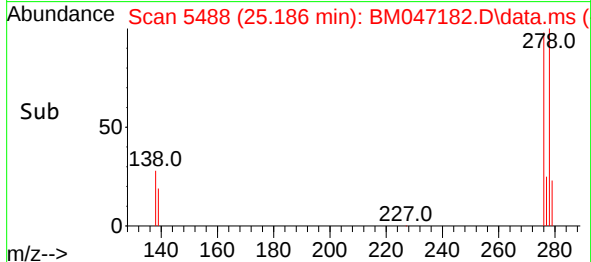
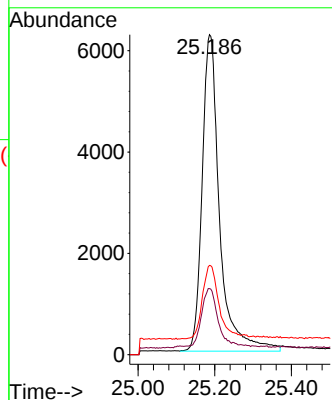
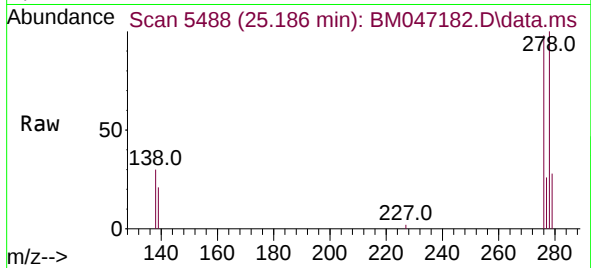




#28
Dibenzo(a,h)anthracene
Concen: 0.417 ng/ul
RT: 25.186 min Scan# 5487
Delta R.T. 0.003 min
Lab File: BM047182.D
Acq: 13 Aug 2024 19:47

Instrument :
BNA_M
ClientSampleId :
SLCS637

Tgt Ion:278 Resp: 19785
Ion Ratio Lower Upper
278 100
139 20.6 14.6 21.8
279 27.9 22.1 33.1



#29
Benzo(g,h,i)perylene
Concen: 0.427 ng/ul
RT: 25.793 min Scan# 5669
Delta R.T. -0.000 min
Lab File: BM047182.D
Acq: 13 Aug 2024 19:47

Tgt Ion:276 Resp: 21581
Ion Ratio Lower Upper
276 100
138 26.2 18.7 28.1
277 25.2 19.6 29.4

