

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
 Data File : BM049291.D
 Acq On : 28 Dec 2024 13:56
 Operator : RC/JU
 Sample : PB165854BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS854

Quant Time: Dec 29 21:57:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 26 11:35:38 2024
 Response via : Initial Calibration

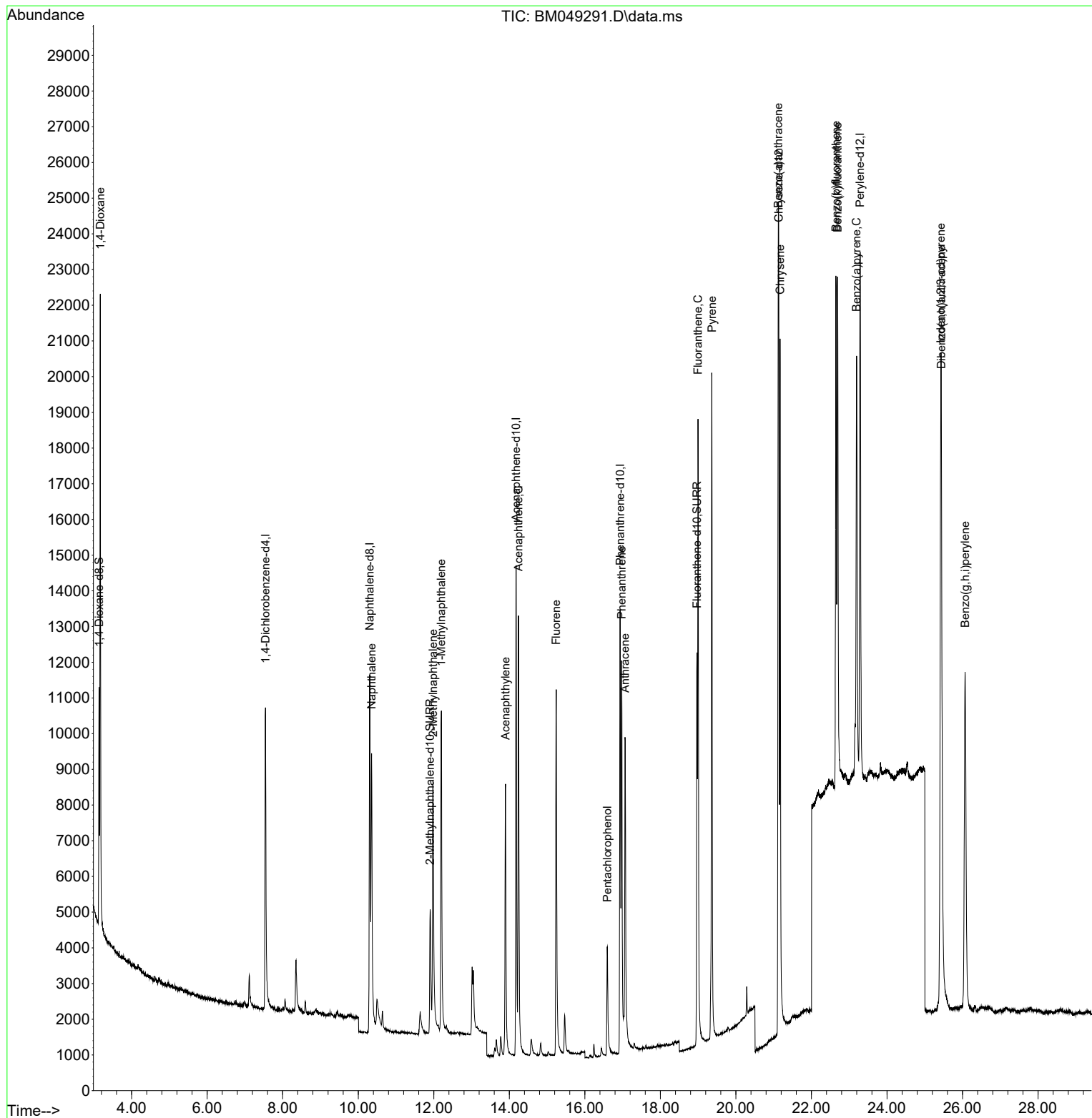
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	5748	0.400	ng/ul	0.00
4) Naphthalene-d8	10.303	136	16715	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.182	164	9341	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	17942	0.400	ng/ul	0.00
17) Chrysene-d12	21.135	240	17469	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	20870	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3699	0.558	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.903	152	7125	0.317	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	14722	0.297	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.168	88	10544	1.361	ng/ul#	78
5) Naphthalene	10.352	128	12324	0.295	ng/ul	98
7) 2-Methylnaphthalene	11.980	142	7590	0.286	ng/ul	100
8) 1-Methylnaphthalene	12.200	142	7727	0.285	ng/ul	100
10) Acenaphthylene	13.899	152	11116	0.287	ng/ul	98
11) Acenaphthene	14.242	153	8091	0.286	ng/ul	99
12) Fluorene	15.241	166	8843	0.277	ng/ul	98
14) Pentachlorophenol	16.595	266	3083	0.622	ng/ul	96
15) Phenanthrene	16.975	178	13425	0.286	ng/ul	99
16) Anthracene	17.064	178	12851	0.299	ng/ul	98
19) Fluoranthene	18.996	202	17144	0.271	ng/ul	100
20) Pyrene	19.363	202	18577	0.276	ng/ul	98
21) Benzo(a)anthracene	21.120	228	17224	0.283	ng/ul	99
22) Chrysene	21.170	228	19293	0.296	ng/ul	97
24) Benzo(b)fluoranthene	22.648	252	18697	0.280	ng/ul	92
25) Benzo(k)fluoranthene	22.692	252	20235	0.277	ng/ul#	90
26) Benzo(a)pyrene	23.195	252	18508	0.289	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.424	276	26350	0.291	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.441	278	20403	0.290	ng/ul#	94
29) Benzo(g,h,i)perylene	26.068	276	21681	0.298	ng/ul	96

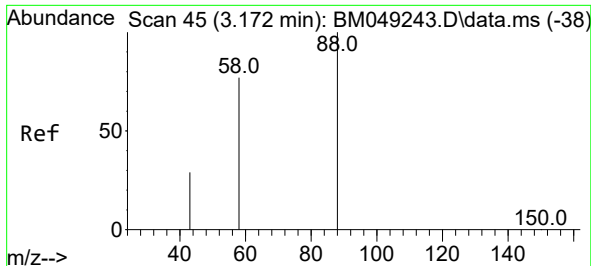
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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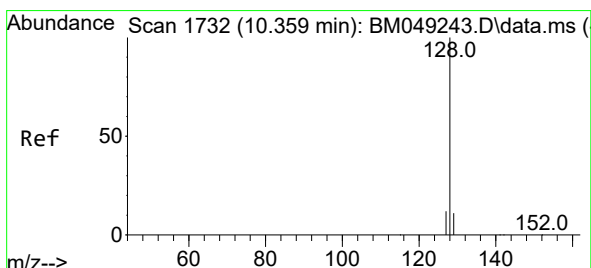
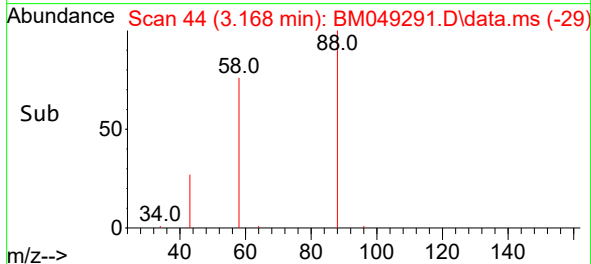
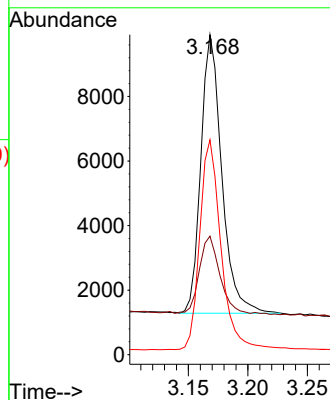
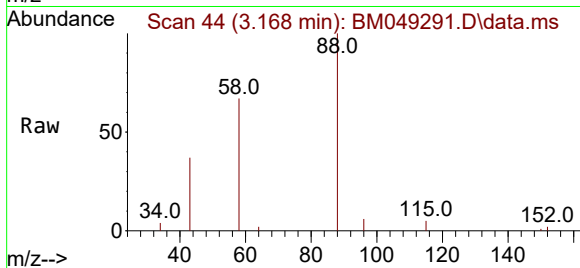




#2
1,4-Dioxane
Concen: 1.361 ng/ul
RT: 3.168 min Scan# 44
Delta R.T. -0.008 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

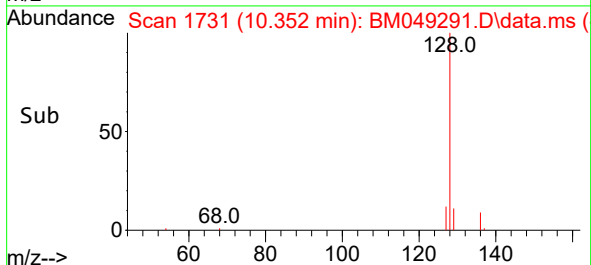
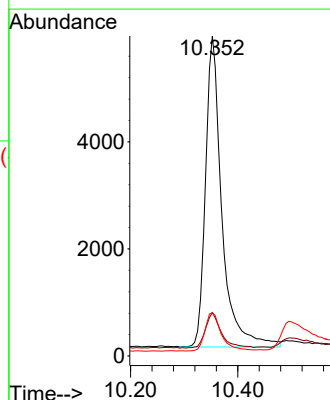
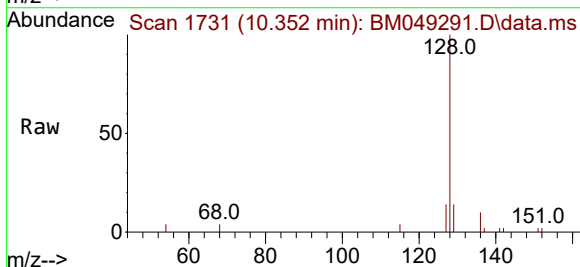
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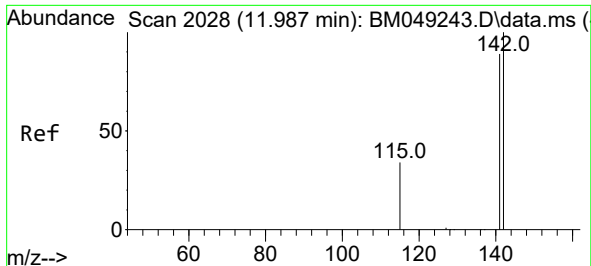
Tgt Ion: 88 Resp: 10544
Ion Ratio Lower Upper
88 100
43 37.0 45.4 68.2#
58 67.2 43.6 65.4#



#5
Naphthalene
Concen: 0.295 ng/ul
RT: 10.352 min Scan# 1731
Delta R.T. -0.005 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

Tgt Ion: 128 Resp: 12324
Ion Ratio Lower Upper
128 100
129 13.5 9.7 14.5
127 13.6 10.6 16.0

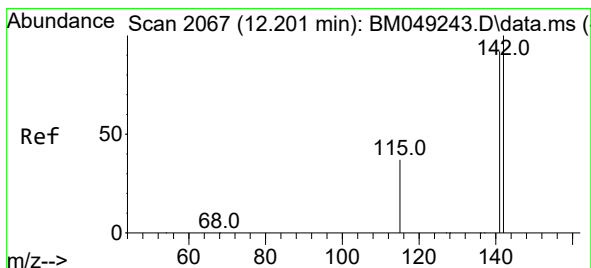
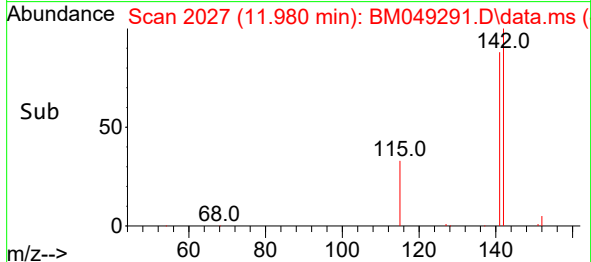
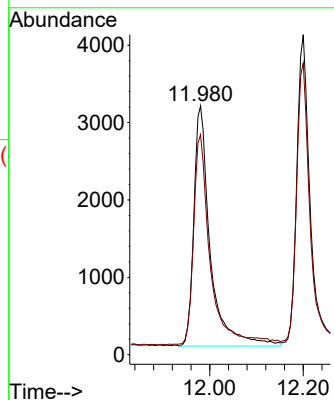
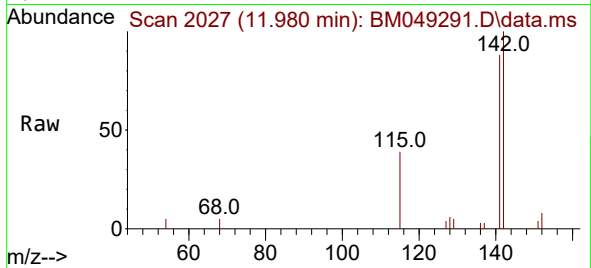




#7
2-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 11.980 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

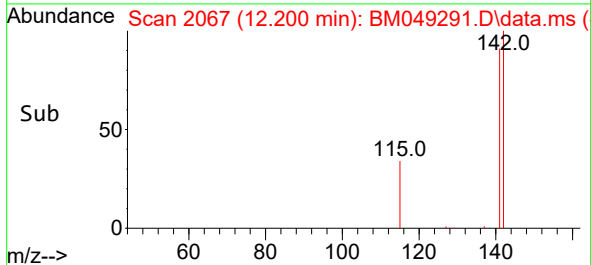
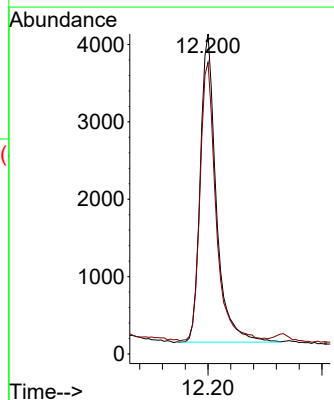
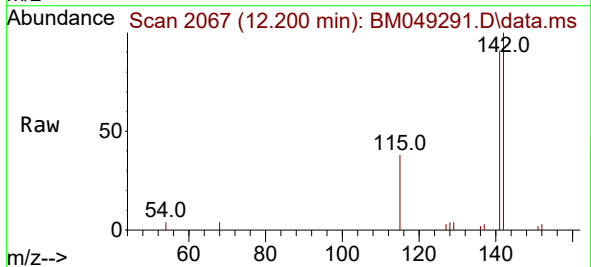
Instrument :
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ClientSampleId :
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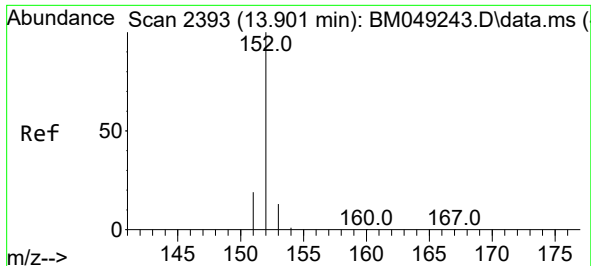
Tgt Ion:142 Resp: 7590
Ion Ratio Lower Upper
142 100
141 89.4 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.200 min Scan# 2067
Delta R.T. -0.005 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

Tgt Ion:142 Resp: 7727
Ion Ratio Lower Upper
142 100
141 91.0 72.7 109.1

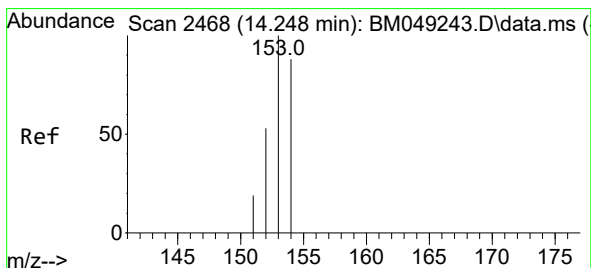
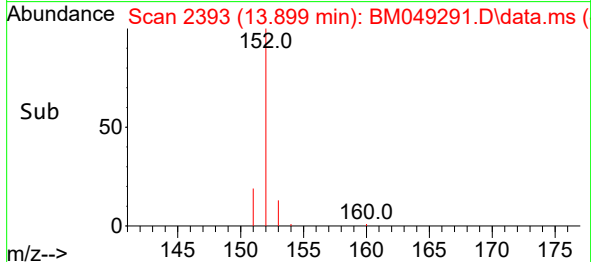
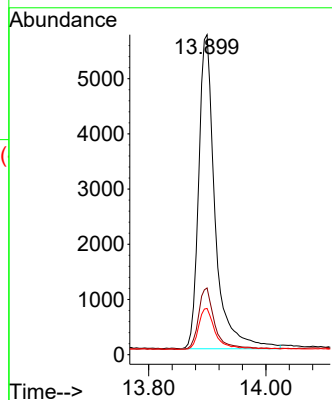
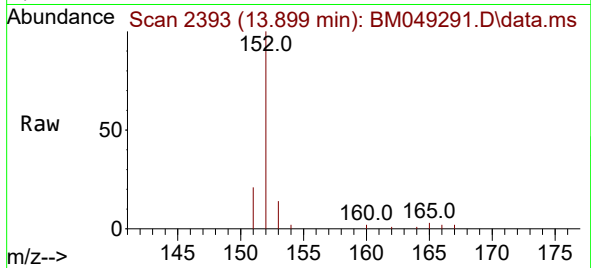




#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 13.899 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

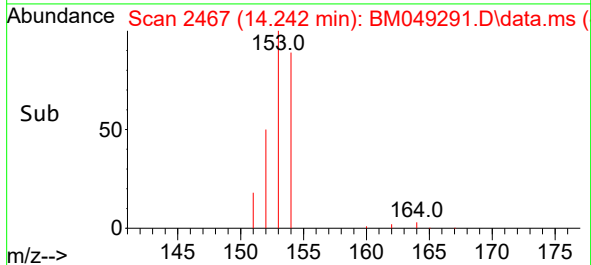
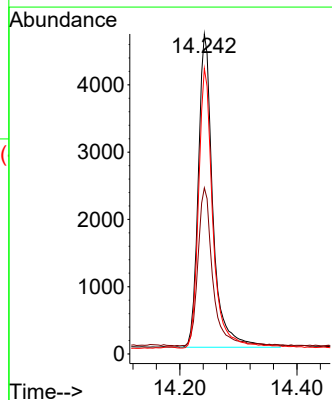
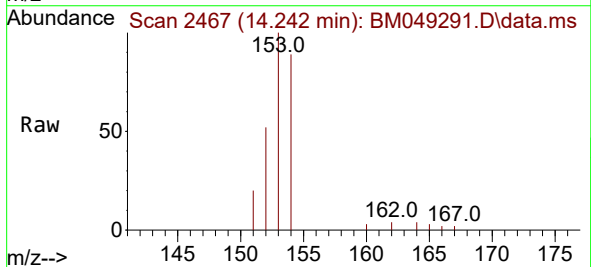
Instrument :
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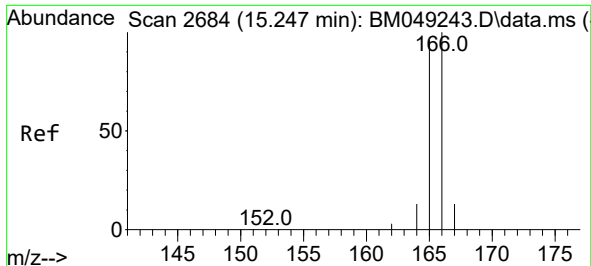
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.0	24.0
153	14.5	11.0	16.6



#11
Acenaphthene
Concen: 0.286 ng/ul
RT: 14.242 min Scan# 2467
Delta R.T. -0.004 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.9	40.7	61.1
154	89.2	70.8	106.2

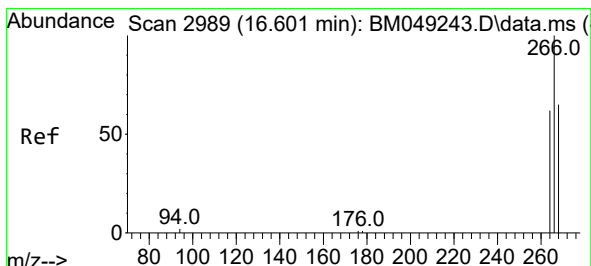
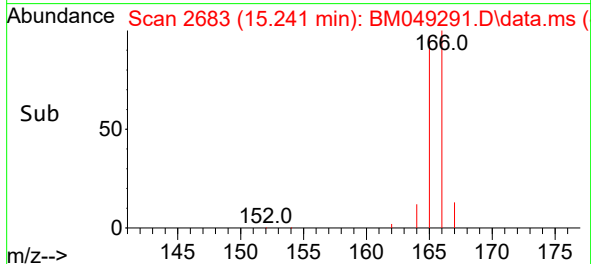
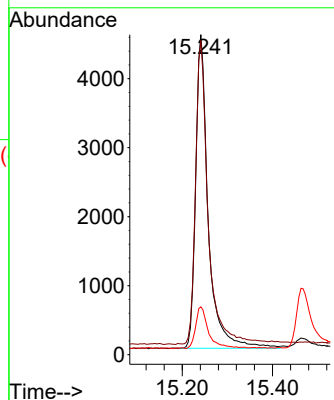
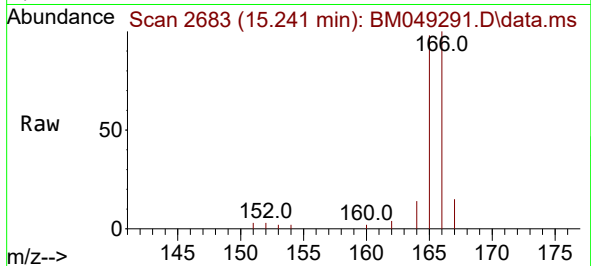




#12
Fluorene
Concen: 0.277 ng/ul
RT: 15.241 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

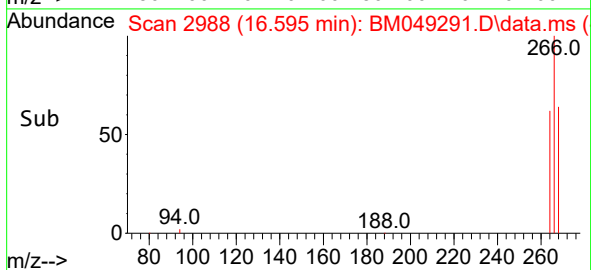
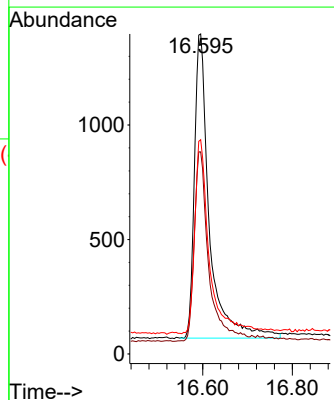
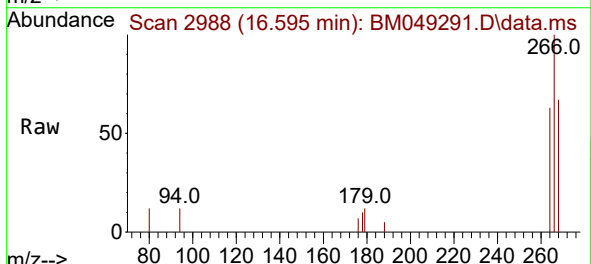
Instrument :
BNA_M
ClientSampleId :
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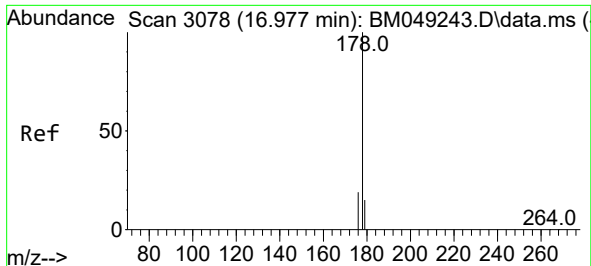
Tgt Ion:166 Resp: 8843
Ion Ratio Lower Upper
166 100
165 98.1 79.7 119.5
167 14.9 11.4 17.0



#14
Pentachlorophenol
Concen: 0.622 ng/ul
RT: 16.595 min Scan# 2988
Delta R.T. 0.000 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

Tgt Ion:266 Resp: 3083
Ion Ratio Lower Upper
266 100
264 62.8 48.3 72.5
268 63.7 47.5 71.3

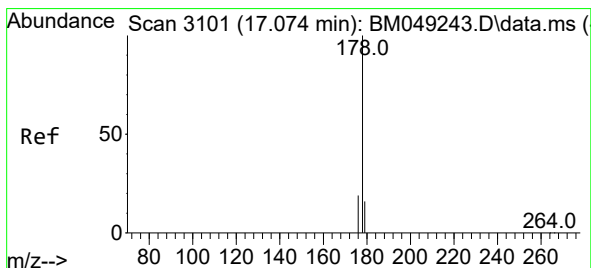
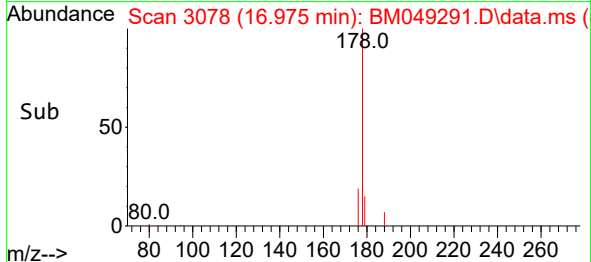
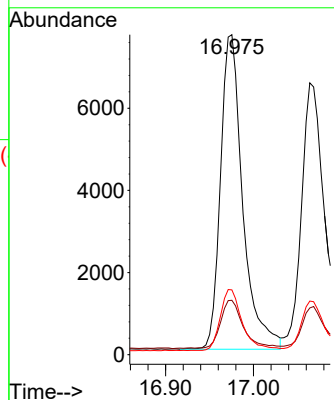
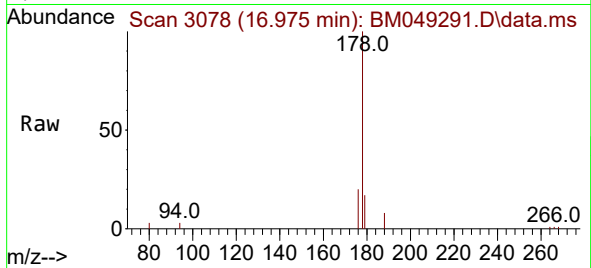




#15
Phenanthrene
Concen: 0.286 ng/ul
RT: 16.975 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

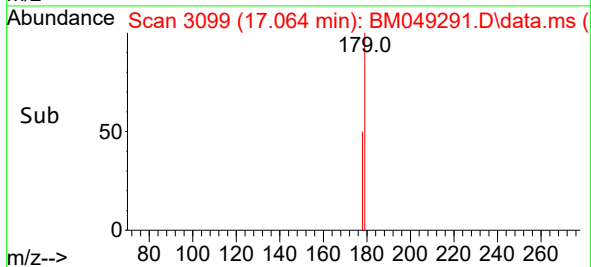
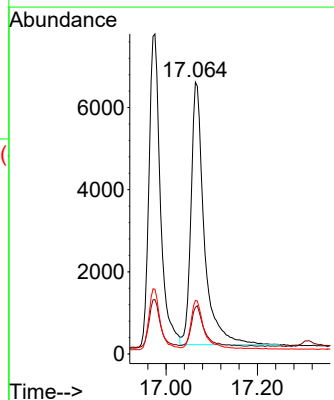
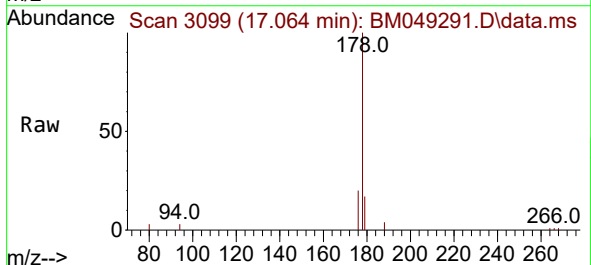
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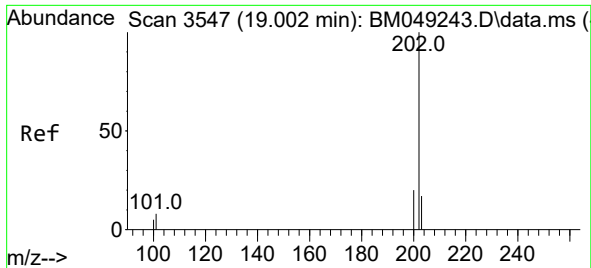
Tgt Ion:178 Resp: 13425
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.4
176 20.2 16.2 24.2



#16
Anthracene
Concen: 0.299 ng/ul
RT: 17.064 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

Tgt Ion:178 Resp: 12851
Ion Ratio Lower Upper
178 100
179 17.2 12.9 19.3
176 19.7 15.3 22.9

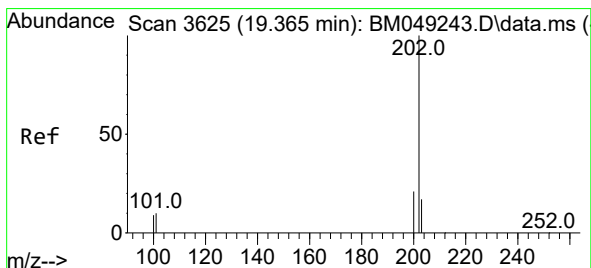
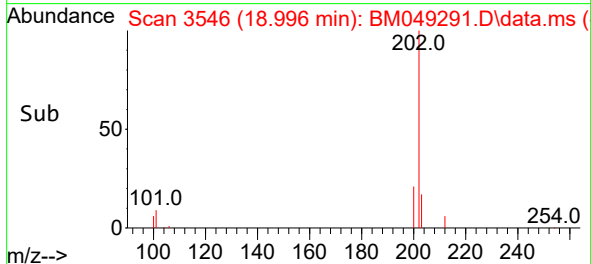
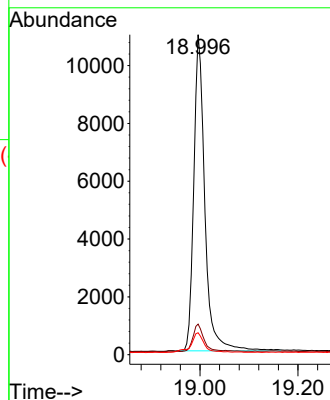
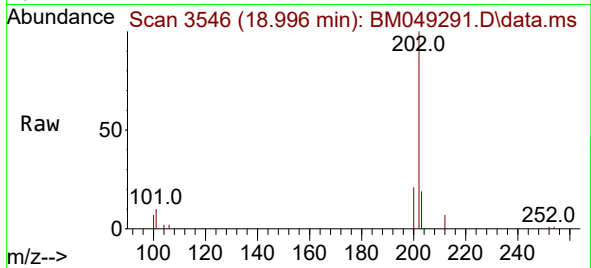




#19
Fluoranthene
Concen: 0.271 ng/ul
RT: 18.996 min Scan# 3546
Delta R.T. -0.004 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

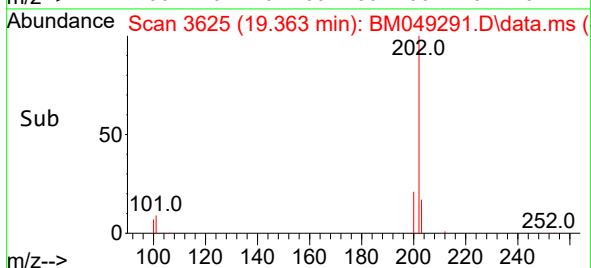
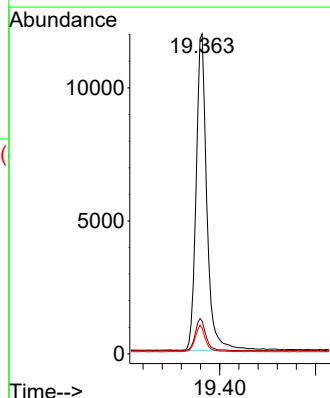
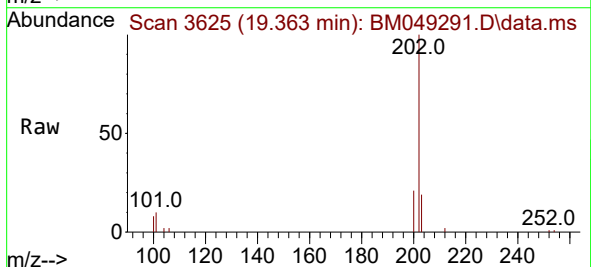
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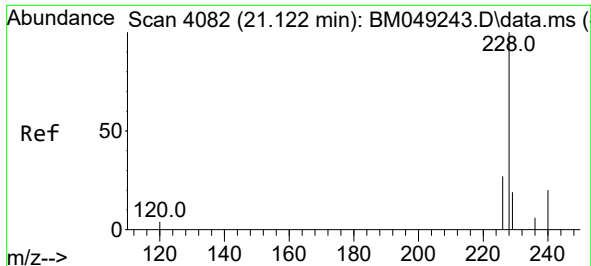
Tgt Ion:202 Resp: 17144
Ion Ratio Lower Upper
202 100
101 9.6 7.6 11.4
100 6.8 5.5 8.3



#20
Pyrene
Concen: 0.276 ng/ul
RT: 19.363 min Scan# 3625
Delta R.T. 0.000 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

Tgt Ion:202 Resp: 18577
Ion Ratio Lower Upper
202 100
101 10.3 8.9 13.3
100 8.1 6.9 10.3

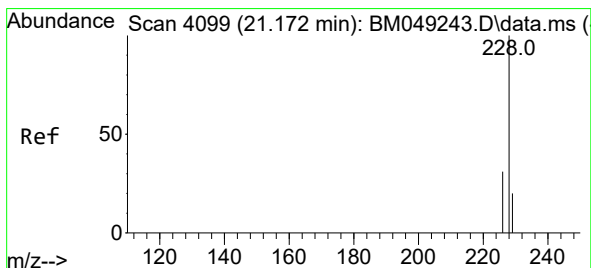
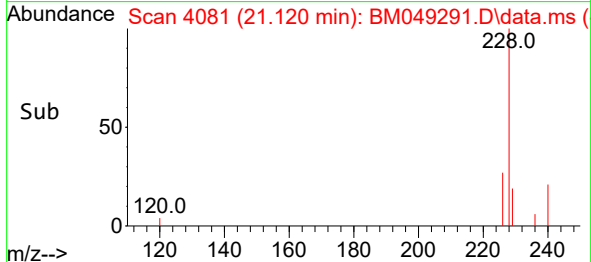
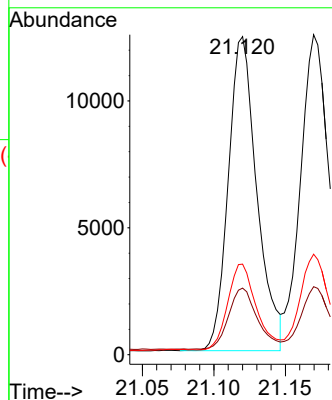
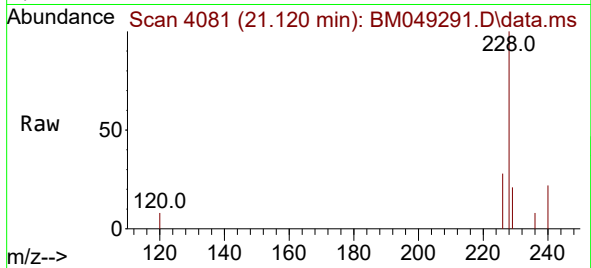




#21
Benzo(a)anthracene
Concen: 0.283 ng/ul
RT: 21.120 min Scan# 4082
Delta R.T. 0.000 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

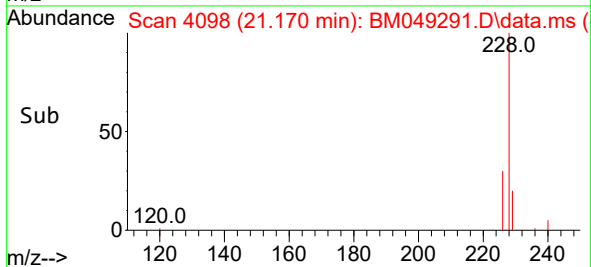
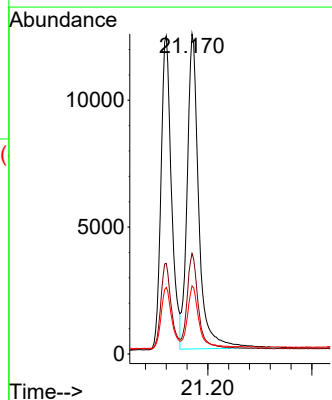
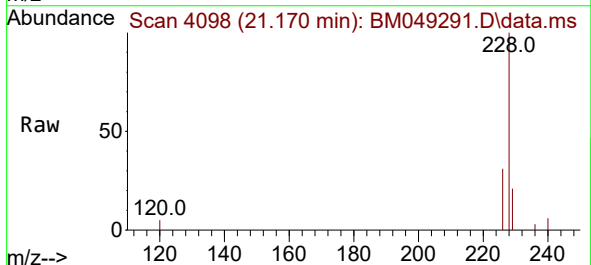
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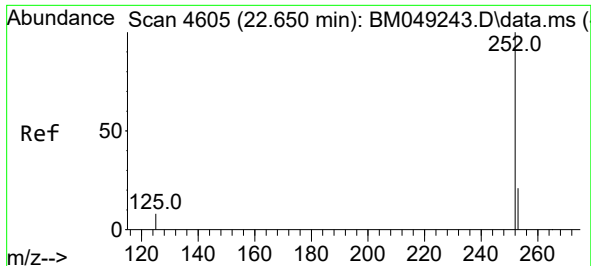
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Ion Ratio Lower Upper
228 100
229 20.9 15.9 23.9
226 28.4 22.6 34.0



#22
Chrysene
Concen: 0.296 ng/ul
RT: 21.170 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

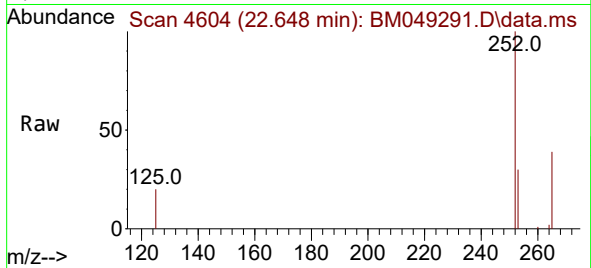
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Ion Ratio Lower Upper
228 100
226 31.4 24.1 36.1
229 21.3 15.8 23.8



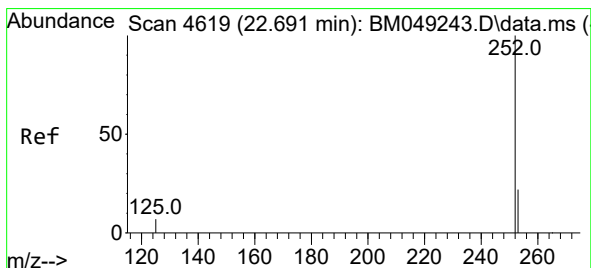
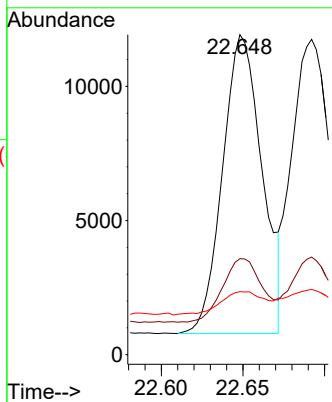


#24
Benzo(b)fluoranthene
Concen: 0.280 ng/ul
RT: 22.648 min Scan# 4604
Delta R.T. 0.000 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

Instrument :
BNA_M
ClientSampleId :
SLCS854

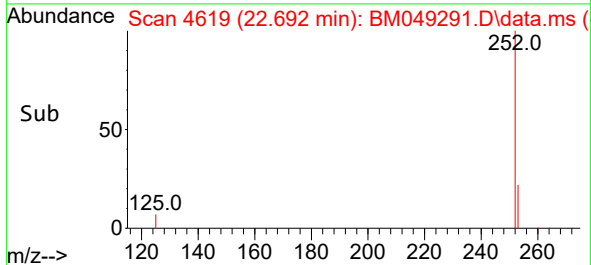
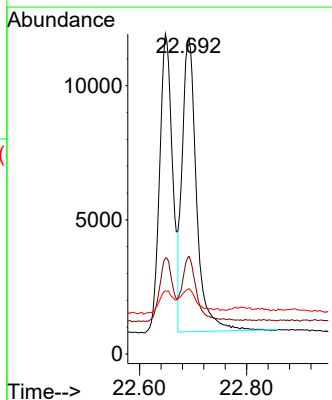
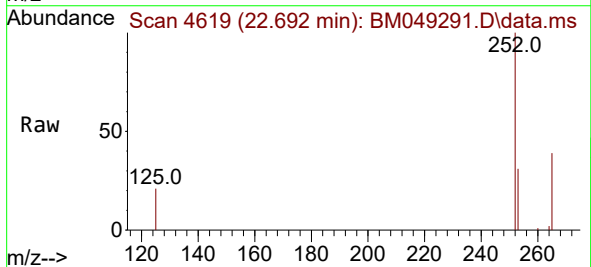


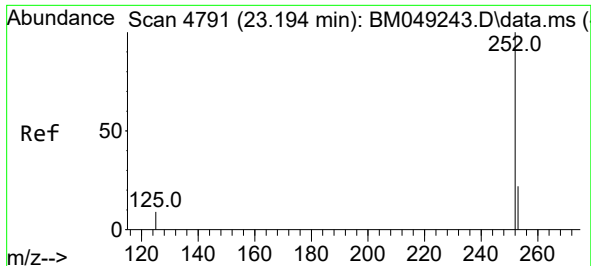
Tgt Ion:252 Resp: 18697
Ion Ratio Lower Upper
252 100
253 30.0 0.0 52.6
125 19.7 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.277 ng/ul
RT: 22.692 min Scan# 4619
Delta R.T. 0.000 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

Tgt Ion:252 Resp: 20235
Ion Ratio Lower Upper
252 100
253 30.9 21.3 31.9
125 20.7 12.6 18.8#

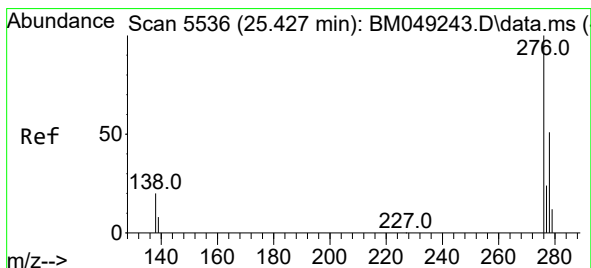
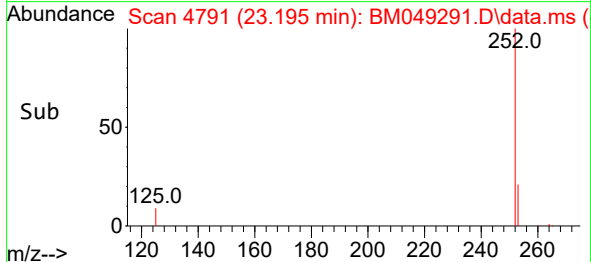
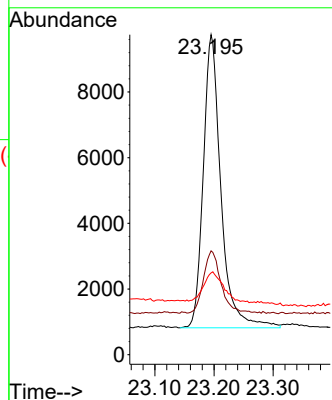
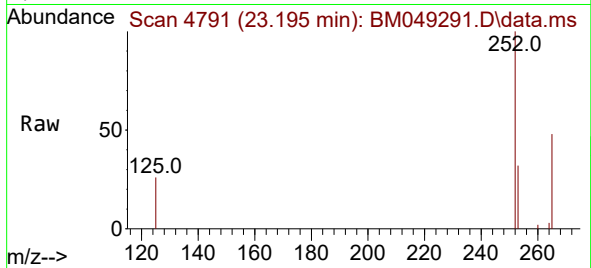




#26
Benzo(a)pyrene
Concen: 0.289 ng/ul
RT: 23.195 min Scan# 4791
Delta R.T. 0.003 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

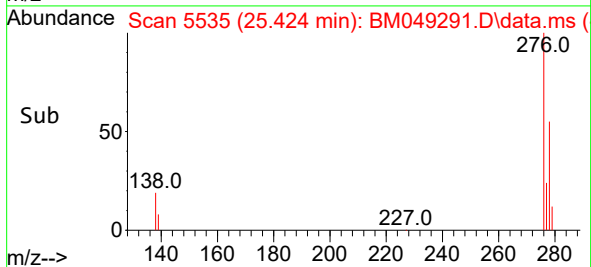
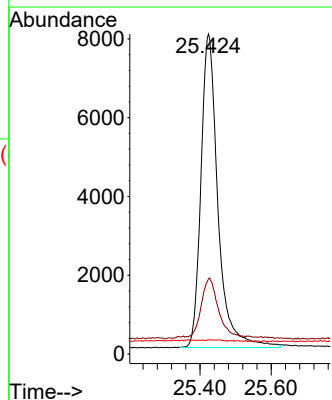
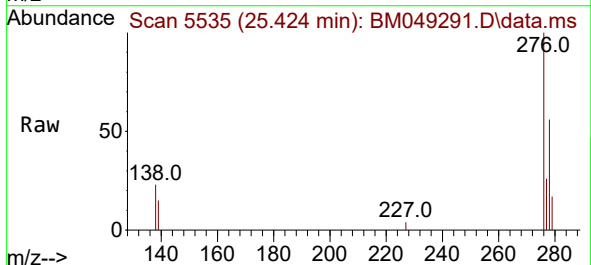
Instrument :
BNA_M
ClientSampleId :
SLCS854

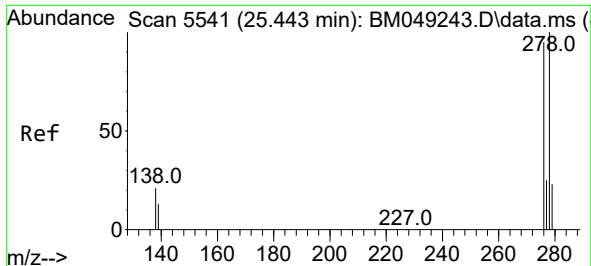
Tgt Ion:252 Resp: 18508
Ion Ratio Lower Upper
252 100
253 32.4 22.4 33.6
125 25.5 14.8 22.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.291 ng/ul
RT: 25.424 min Scan# 5535
Delta R.T. 0.007 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

Tgt Ion:276 Resp: 26350
Ion Ratio Lower Upper
276 100
138 19.1 17.4 26.2
227 0.3 0.2 0.2#

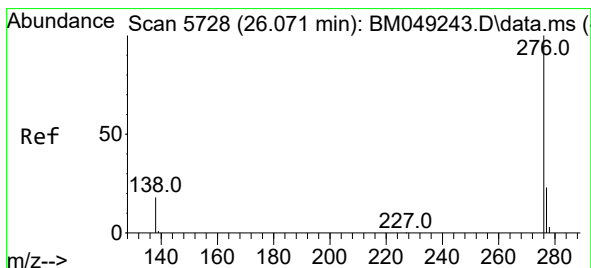
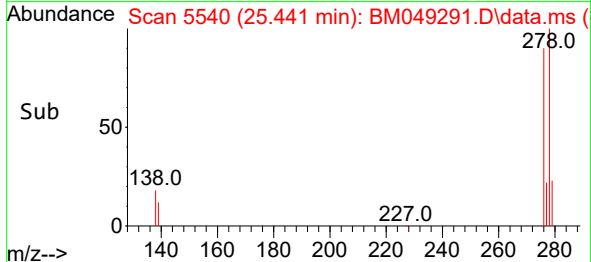
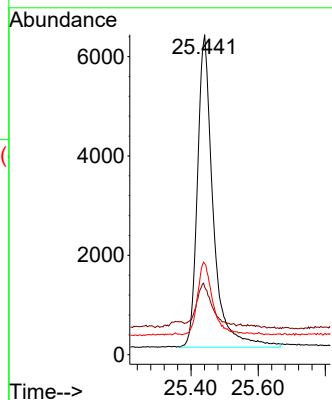
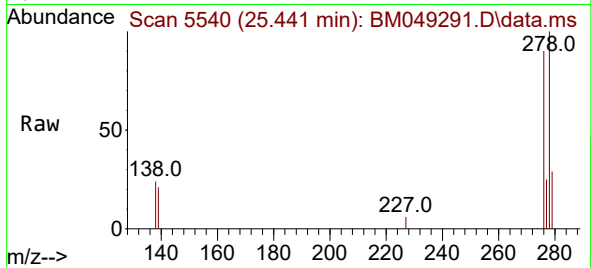




#28
Dibenzo(a,h)anthracene
Concen: 0.290 ng/ul
RT: 25.441 min Scan# 51
Delta R.T. 0.004 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

Instrument :
BNA_M
ClientSampleId :
SLCS854

Tgt Ion:278 Resp: 20403
Ion Ratio Lower Upper
278 100
139 21.1 13.5 20.3#
279 28.5 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.298 ng/ul
RT: 26.068 min Scan# 5727
Delta R.T. 0.000 min
Lab File: BM049291.D
Acq: 28 Dec 2024 13:56

Tgt Ion:276 Resp: 21681
Ion Ratio Lower Upper
276 100
138 22.6 16.7 25.1
277 26.8 19.9 29.9

