

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
 Data File : BM049281.D
 Acq On : 28 Dec 2024 07:58
 Operator : RC/JU
 Sample : P5325-03MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YE680MSD

Quant Time: Dec 29 21:55:40 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)

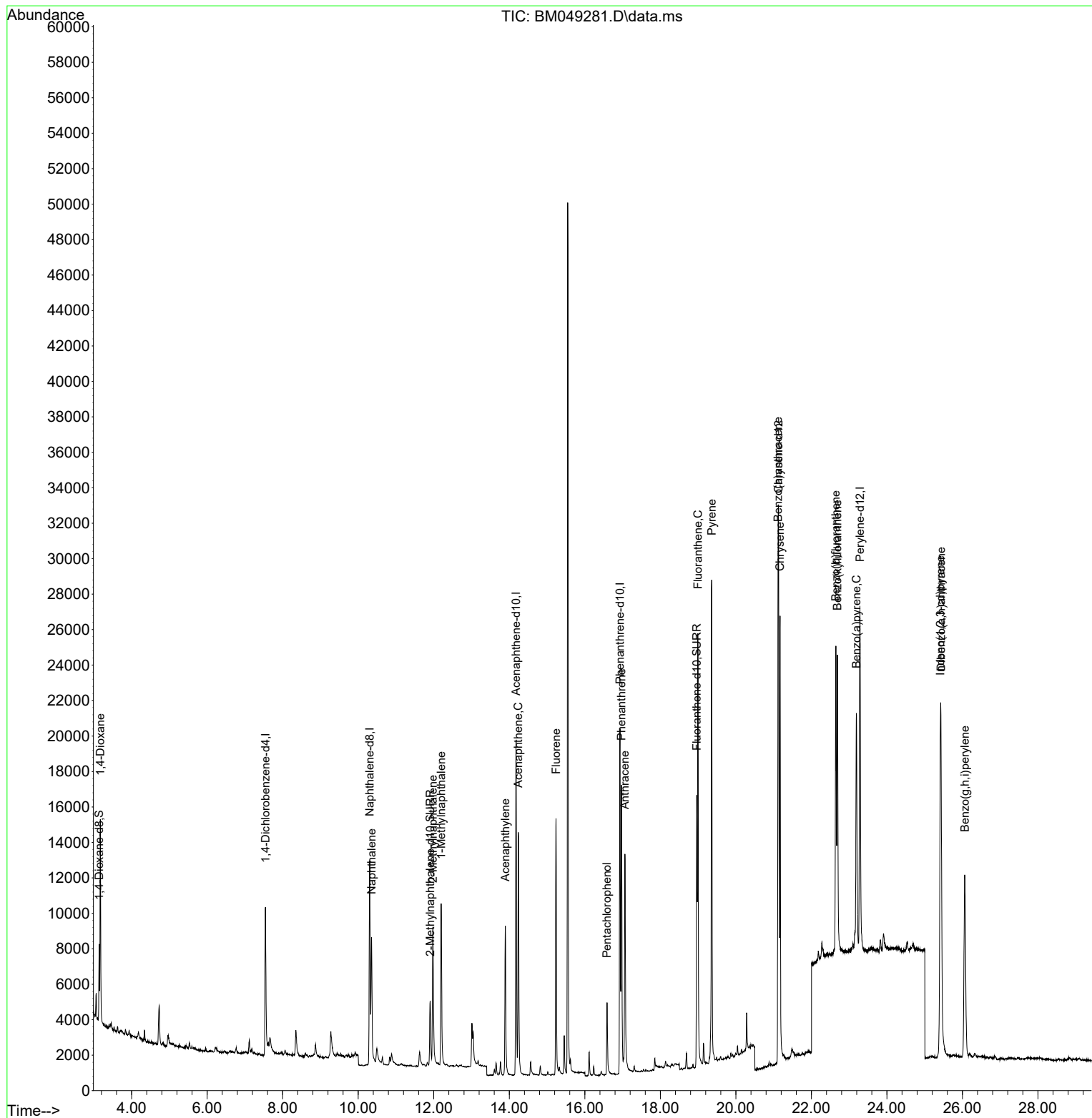
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	5531	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	18027	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	11315	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	25399	0.400	ng/ul	0.00
17) Chrysene-d12	21.131	240	23638	0.400	ng/ul	0.00
23) Perylene-d12	23.285	264	25024	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	2376	0.372	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.904	152	6543	0.270	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	18460	0.275	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.172	88	7008	0.940	ng/ul#	79
5) Naphthalene	10.354	128	11162	0.247	ng/ul	99
7) 2-Methylnaphthalene	11.976	142	7336	0.257	ng/ul	99
8) 1-Methylnaphthalene	12.196	142	7475	0.255	ng/ul	98
10) Acenaphthylene	13.896	152	11379	0.243	ng/ul	99
11) Acenaphthene	14.238	153	8498	0.248	ng/ul	99
12) Fluorene	15.238	166	10294	0.267	ng/ul	97
14) Pentachlorophenol	16.588	266	3266	0.465	ng/ul	95
15) Phenanthrene	16.968	178	18386	0.277	ng/ul	99
16) Anthracene	17.061	178	15961	0.262	ng/ul	98
19) Fluoranthene	18.993	202	22626	0.265	ng/ul	100
20) Pyrene	19.360	202	24871	0.273	ng/ul	98
21) Benzo(a)anthracene	21.117	228	21589	0.263	ng/ul	99
22) Chrysene	21.169	228	22869	0.259	ng/ul	98
24) Benzo(b)fluoranthene	22.648	252	21659	0.271	ng/ul	95
25) Benzo(k)fluoranthene	22.689	252	23080	0.263	ng/ul	96
26) Benzo(a)pyrene	23.191	252	20165	0.263	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.417	276	26854	0.247	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.430	278	20725	0.246	ng/ul	97
29) Benzo(g,h,i)perylene	26.064	276	22456	0.257	ng/ul	99

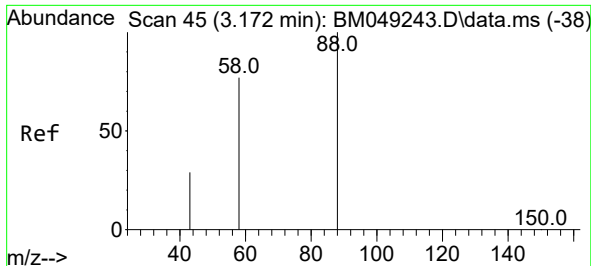
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 26 11:35:38 2024
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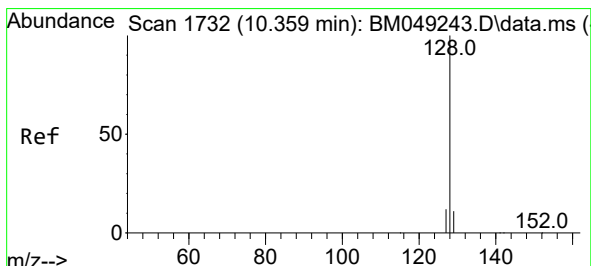
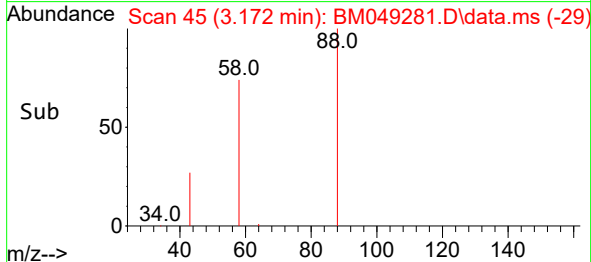
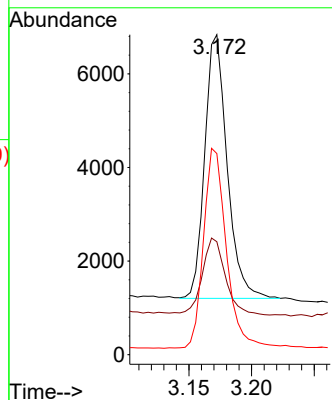
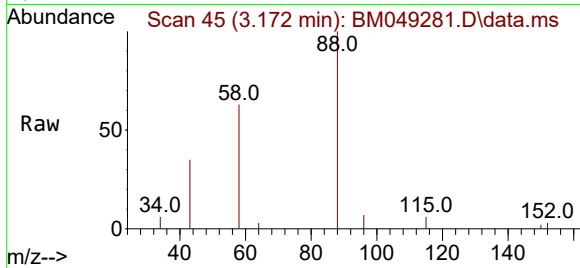




#2
1,4-Dioxane
Concen: 0.940 ng/ul
RT: 3.172 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

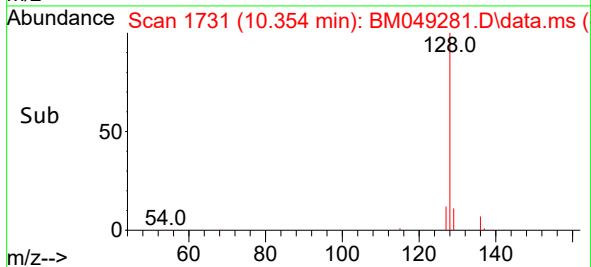
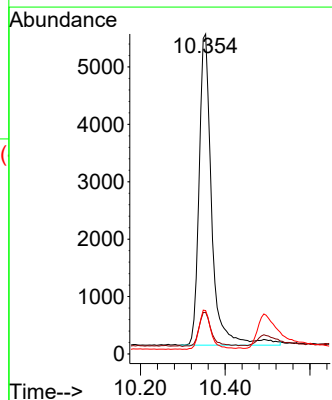
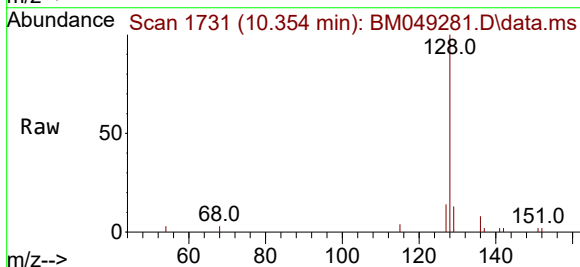
Instrument :
BNA_M
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YE680MSD

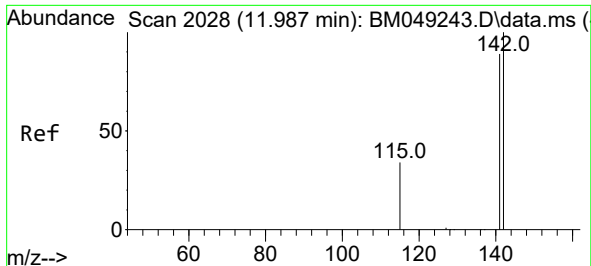
Tgt Ion: 88 Resp: 7008
Ion Ratio Lower Upper
88 100
43 35.3 45.4 68.2#
58 62.9 43.6 65.4



#5
Naphthalene
Concen: 0.247 ng/ul
RT: 10.354 min Scan# 1731
Delta R.T. -0.004 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Tgt Ion: 128 Resp: 11162
Ion Ratio Lower Upper
128 100
129 13.0 9.7 14.5
127 13.5 10.6 16.0

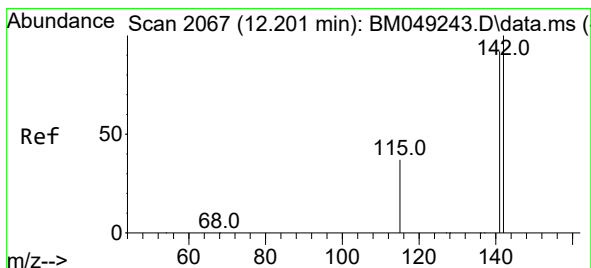
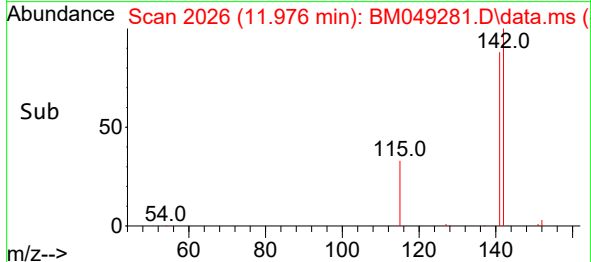
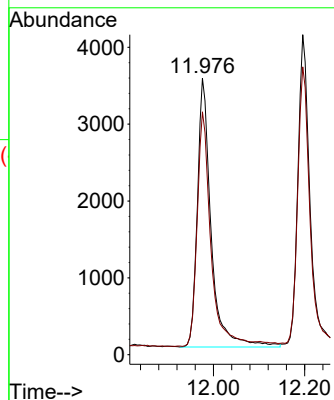
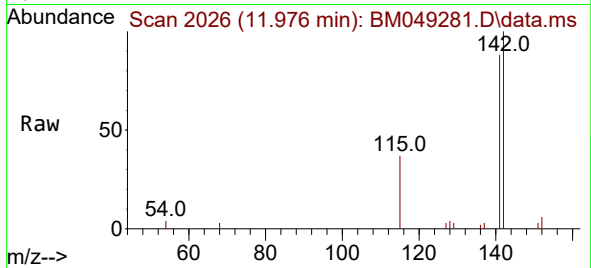




#7
2-Methylnaphthalene
Concen: 0.257 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

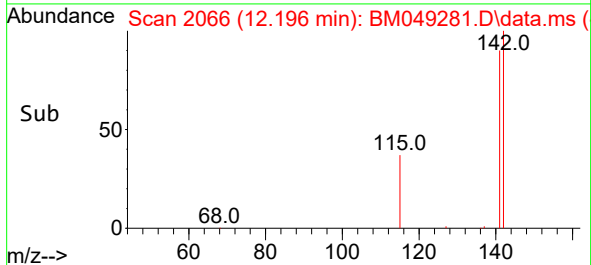
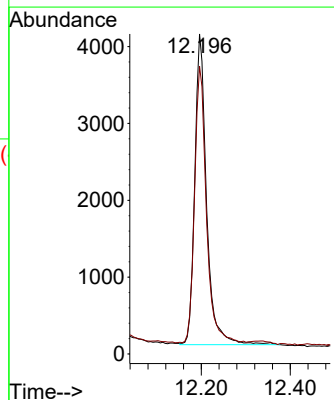
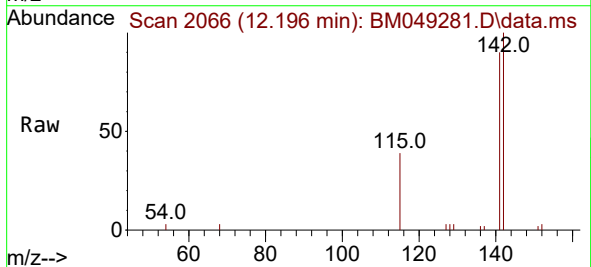
Instrument :
BNA_M
ClientSampleId :
YE680MSD

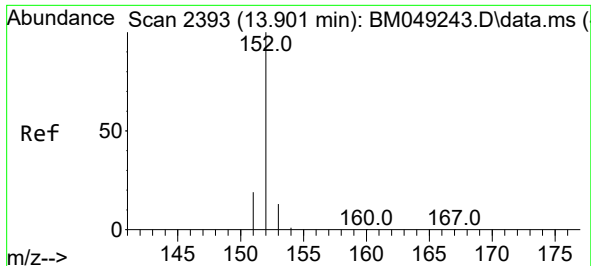
Tgt Ion:142 Resp: 7336
Ion Ratio Lower Upper
142 100
141 88.5 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.255 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.010 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Tgt Ion:142 Resp: 7475
Ion Ratio Lower Upper
142 100
141 89.4 72.7 109.1

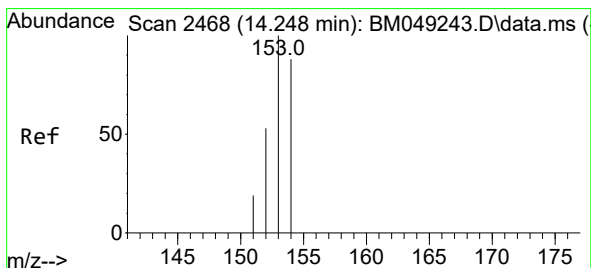
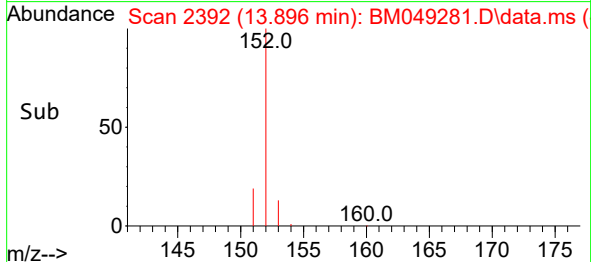
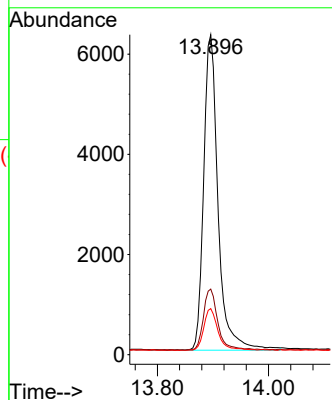
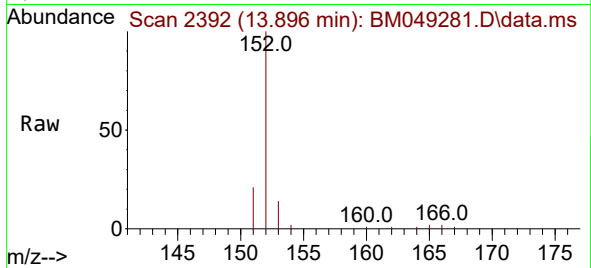




#10
Acenaphthylene
Concen: 0.243 ng/ul
RT: 13.896 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

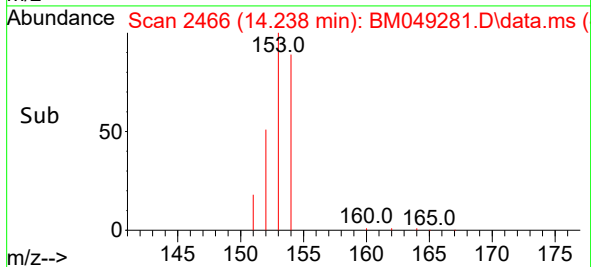
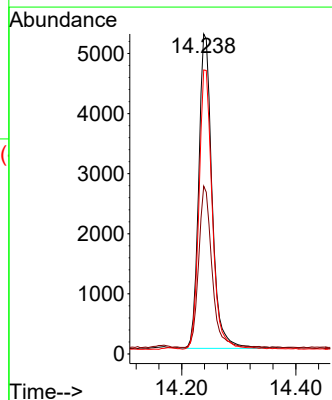
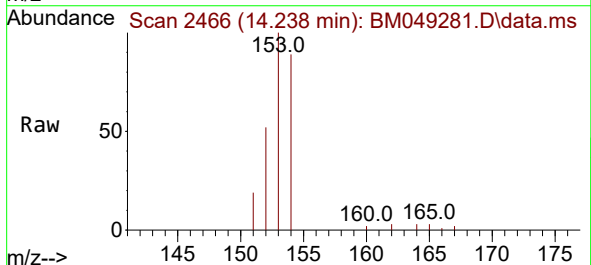
Instrument :
BNA_M
ClientSampleId :
YE680MSD

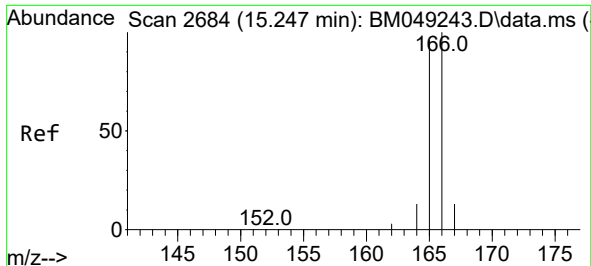
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.0	24.0
153	14.4	11.0	16.6



#11
Acenaphthene
Concen: 0.248 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.5	40.7	61.1
154	88.8	70.8	106.2

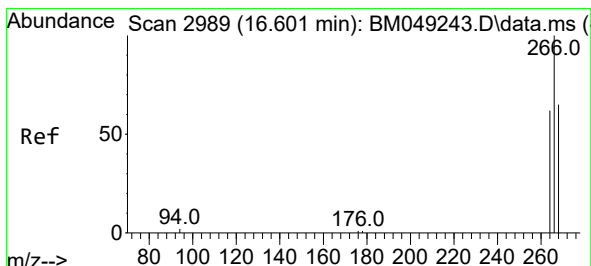
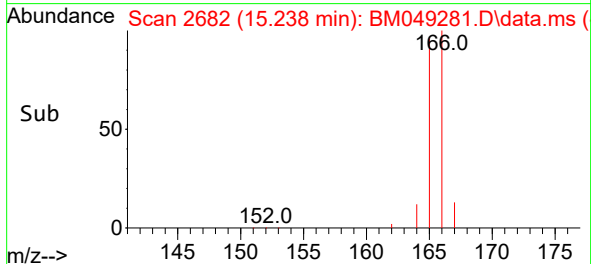
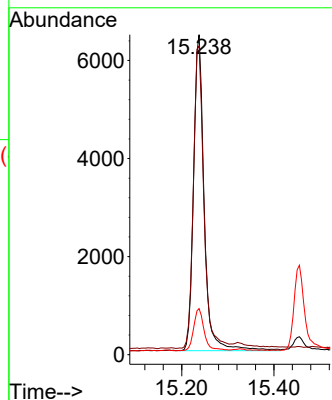
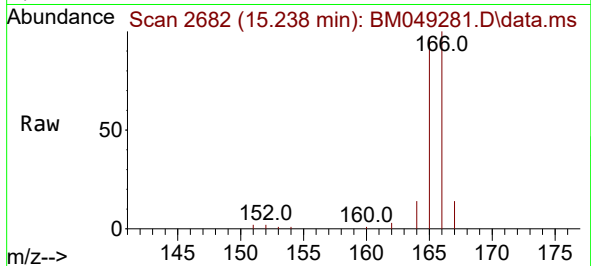




#12
Fluorene
Concen: 0.267 ng/ul
RT: 15.238 min Scan# 20294
Delta R.T. -0.003 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

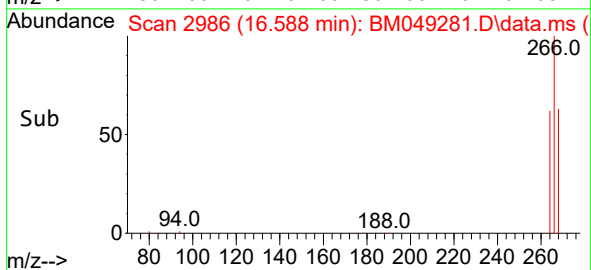
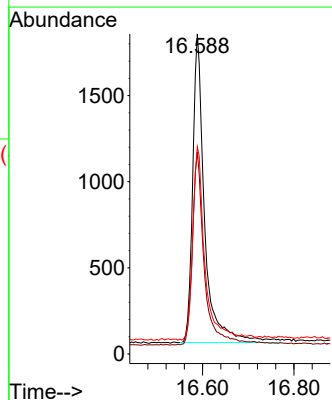
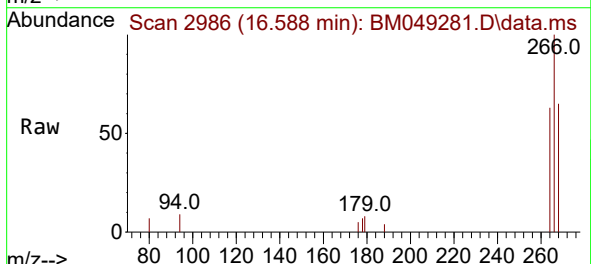
Instrument :
BNA_M
ClientSampleId :
YE680MSD

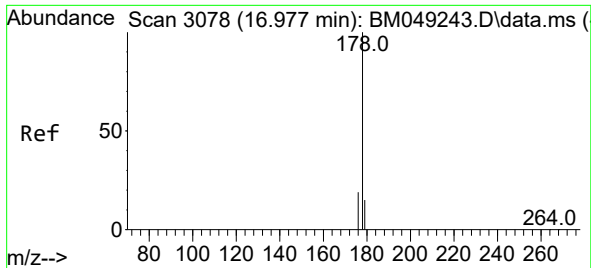
Tgt Ion:166 Resp: 10294
Ion Ratio Lower Upper
166 100
165 96.5 79.7 119.5
167 14.4 11.4 17.0



#14
Pentachlorophenol
Concen: 0.465 ng/ul
RT: 16.588 min Scan# 2986
Delta R.T. -0.007 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Tgt Ion:266 Resp: 3266
Ion Ratio Lower Upper
266 100
264 63.2 48.3 72.5
268 64.3 47.5 71.3

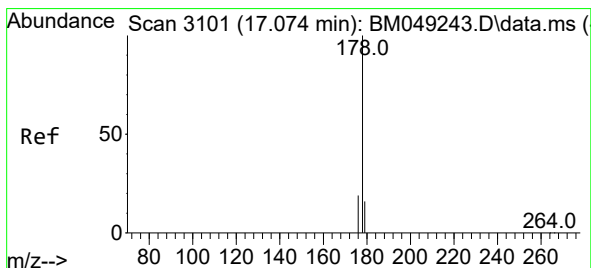
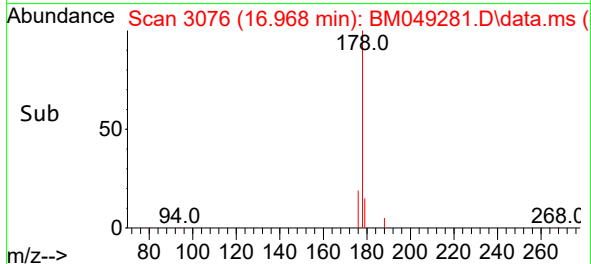
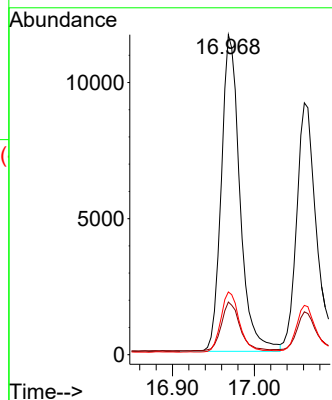
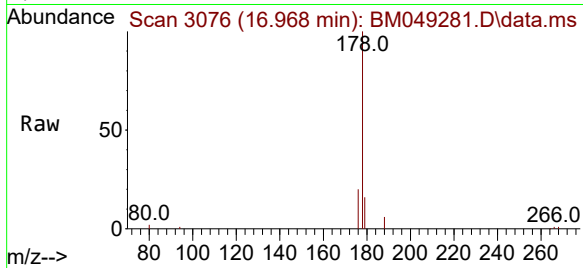




#15
Phenanthrene
Concen: 0.277 ng/ul
RT: 16.968 min Scan# 3098
Delta R.T. -0.007 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

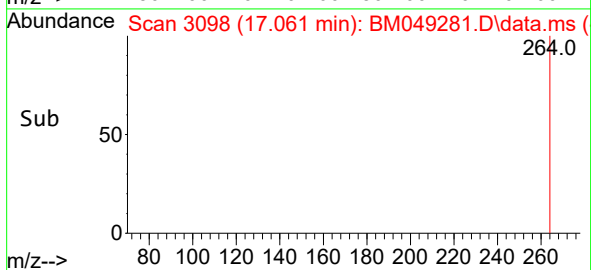
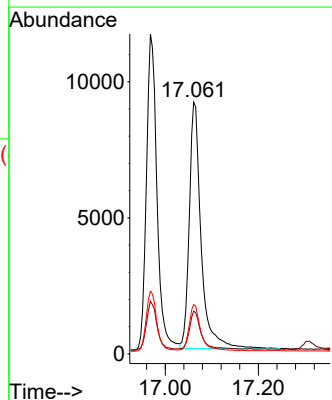
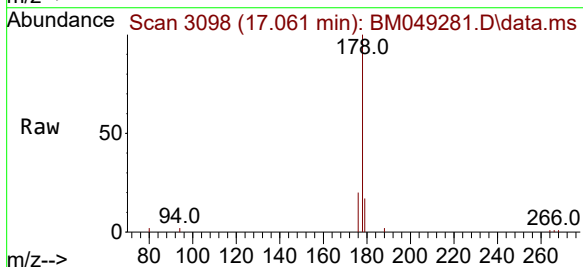
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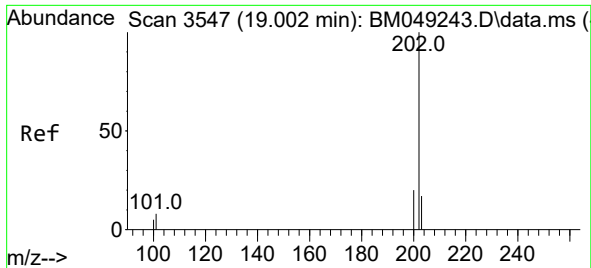
Tgt Ion:178 Resp: 18386
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 19.6 16.2 24.2



#16
Anthracene
Concen: 0.262 ng/ul
RT: 17.061 min Scan# 3098
Delta R.T. -0.007 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Tgt Ion:178 Resp: 15961
Ion Ratio Lower Upper
178 100
179 17.0 12.9 19.3
176 19.5 15.3 22.9

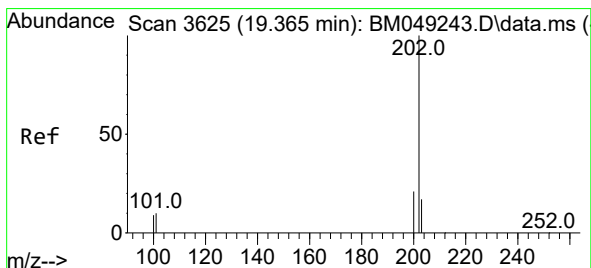
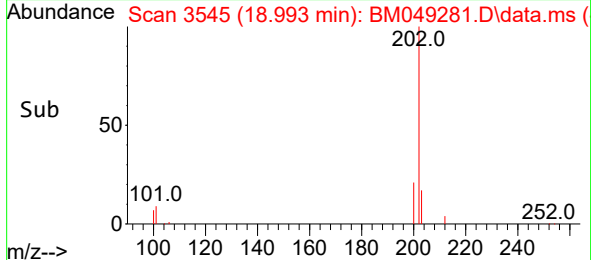
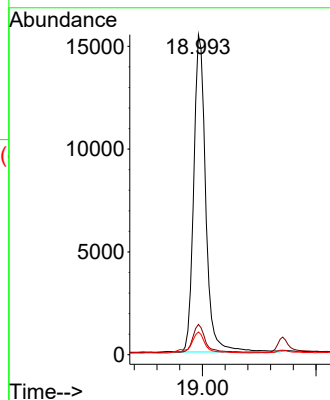
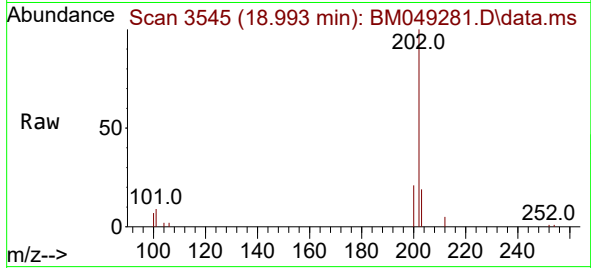




#19
Fluoranthene
Concen: 0.265 ng/ul
RT: 18.993 min Scan# 3545
Delta R.T. -0.008 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

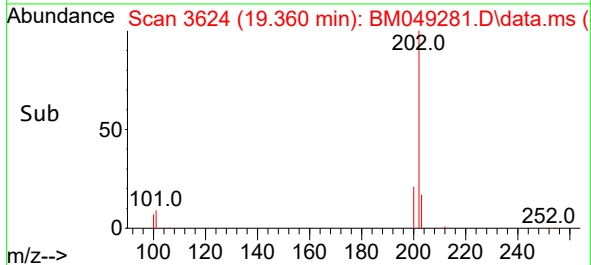
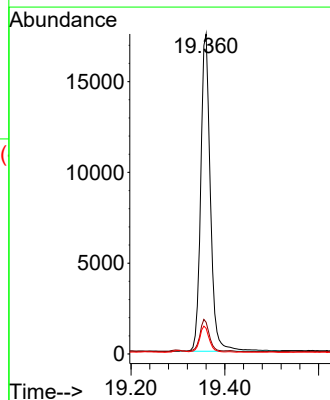
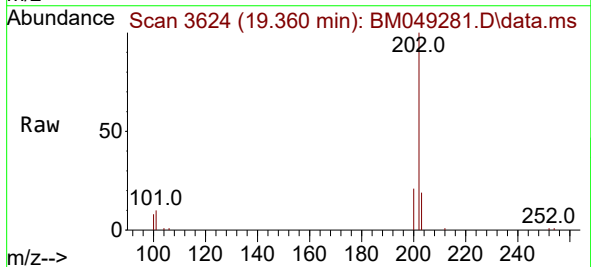
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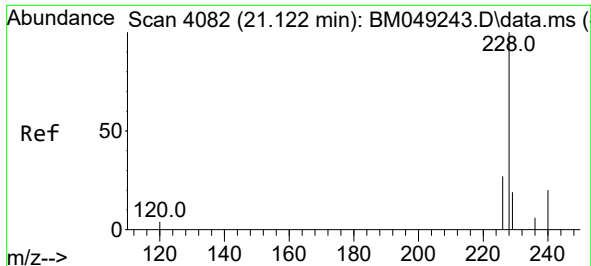
Tgt Ion:202 Resp: 22626
Ion Ratio Lower Upper
202 100
101 9.5 7.6 11.4
100 7.1 5.5 8.3



#20
Pyrene
Concen: 0.273 ng/ul
RT: 19.360 min Scan# 3624
Delta R.T. -0.003 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Tgt Ion:202 Resp: 24871
Ion Ratio Lower Upper
202 100
101 9.9 8.9 13.3
100 8.0 6.9 10.3

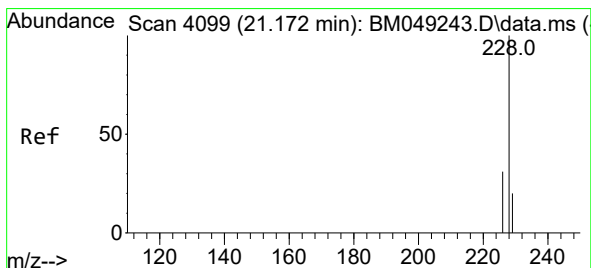
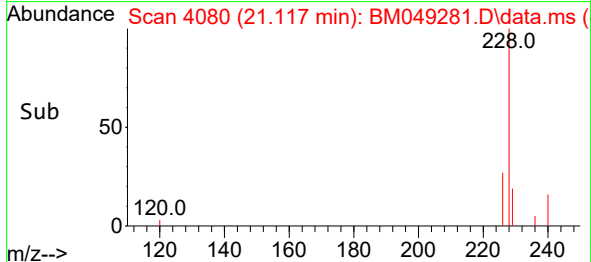
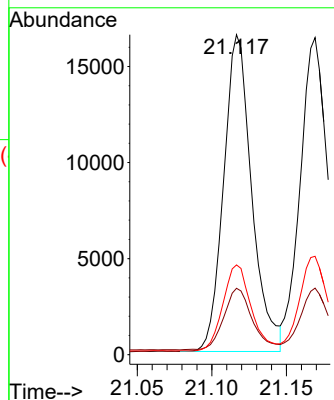
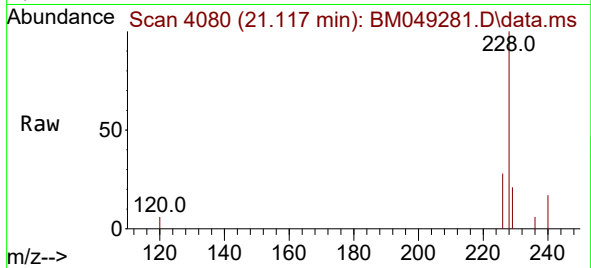




#21
Benzo(a)anthracene
Concen: 0.263 ng/ul
RT: 21.117 min Scan# 4082
Delta R.T. -0.003 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

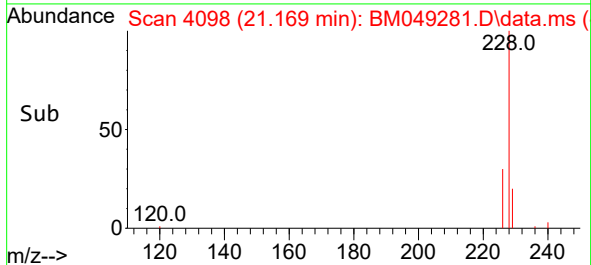
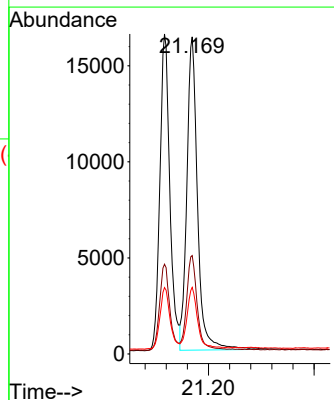
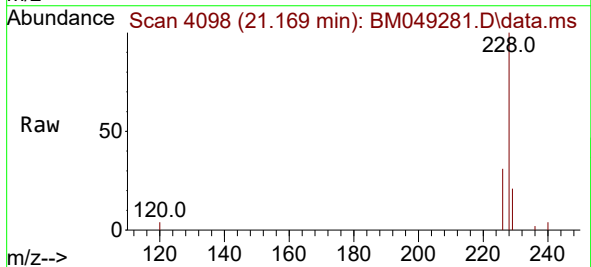
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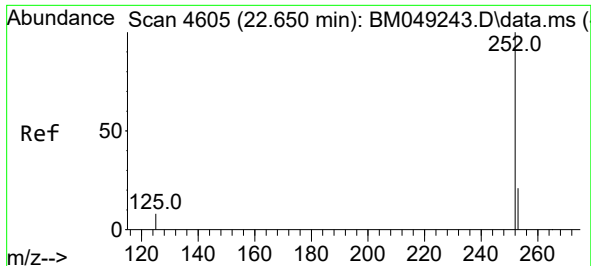
Tgt Ion:228 Resp: 21589
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 28.0 22.6 34.0



#22
Chrysene
Concen: 0.259 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

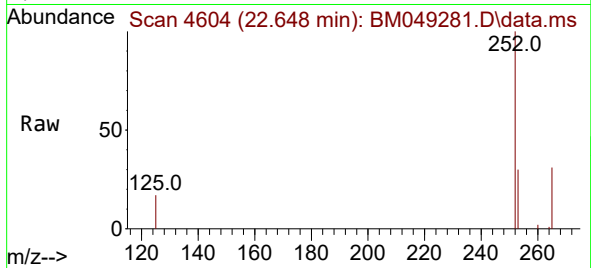
Tgt Ion:228 Resp: 22869
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 21.0 15.8 23.8



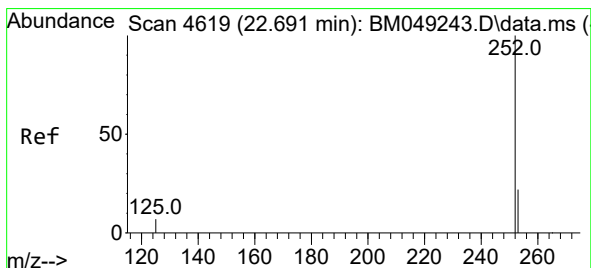
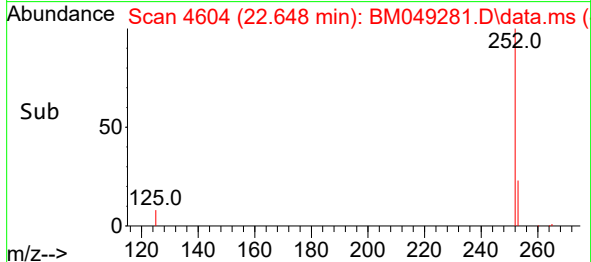
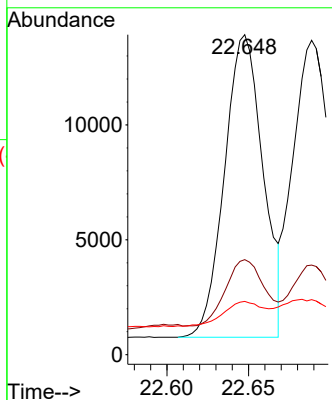


#24
Benzo(b)fluoranthene
Concen: 0.271 ng/ul
RT: 22.648 min Scan# 4604
Delta R.T. -0.000 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Instrument :
BNA_M
ClientSampleId :
YE680MSD

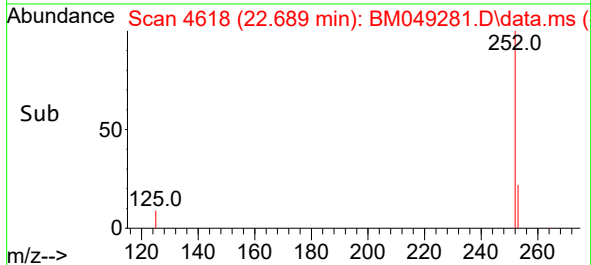
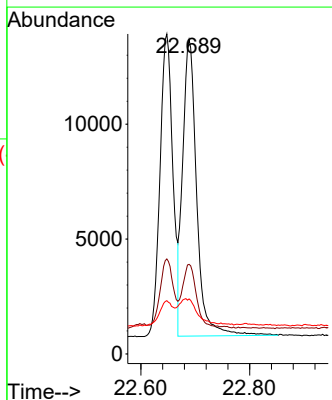
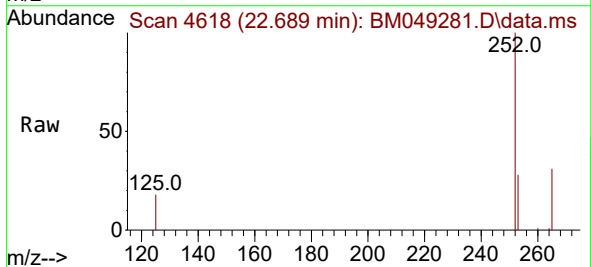


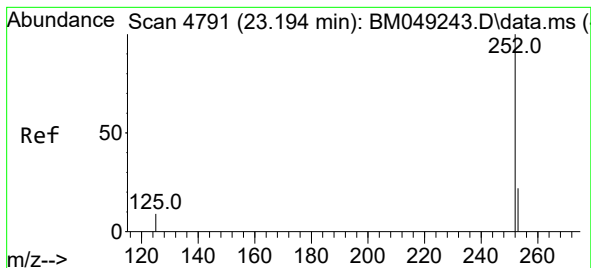
Tgt Ion:252 Resp: 21659
Ion Ratio Lower Upper
252 100
253 29.7 0.0 52.6
125 16.7 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.263 ng/ul
RT: 22.689 min Scan# 4618
Delta R.T. -0.003 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Tgt Ion:252 Resp: 23080
Ion Ratio Lower Upper
252 100
253 28.5 21.3 31.9
125 17.5 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.263 ng/ul

RT: 23.191 min Scan# 4791

Delta R.T. -0.000 min

Lab File: BM049281.D

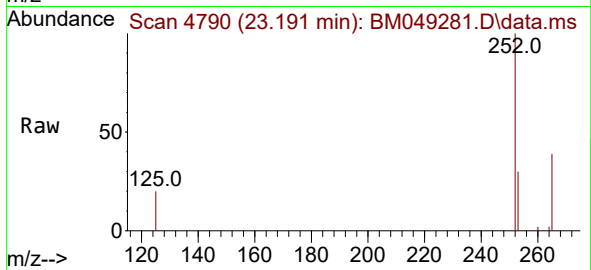
Acq: 28 Dec 2024 07:58

Instrument :

BNA_M

ClientSampleId :

YE680MSD



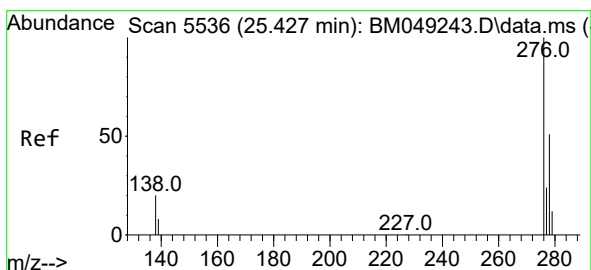
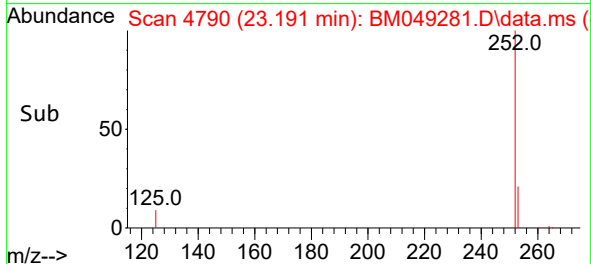
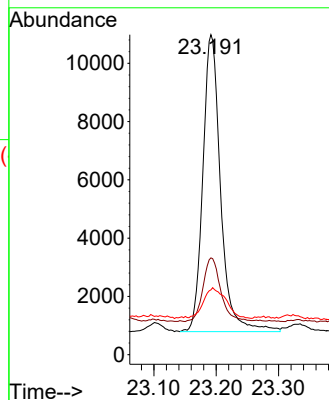
Tgt Ion:252 Resp: 20165

Ion Ratio Lower Upper

252 100

253 30.3 22.4 33.6

125 20.2 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.247 ng/ul

RT: 25.417 min Scan# 5533

Delta R.T. -0.000 min

Lab File: BM049281.D

Acq: 28 Dec 2024 07:58

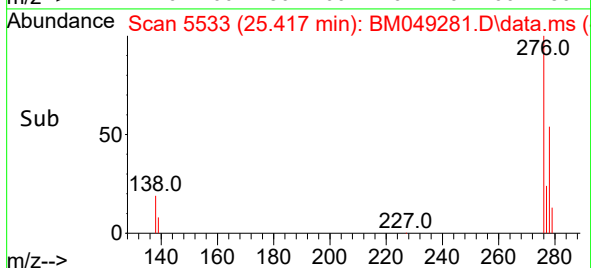
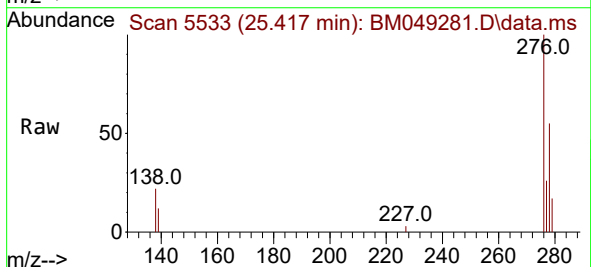
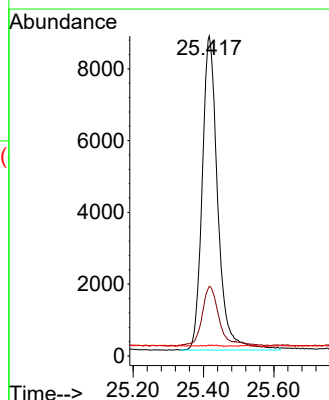
Tgt Ion:276 Resp: 26854

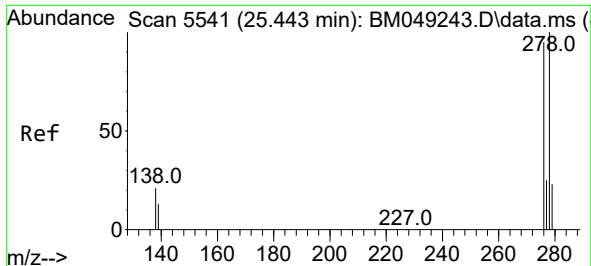
Ion Ratio Lower Upper

276 100

138 20.7 17.4 26.2

227 0.1 0.2 0.2#

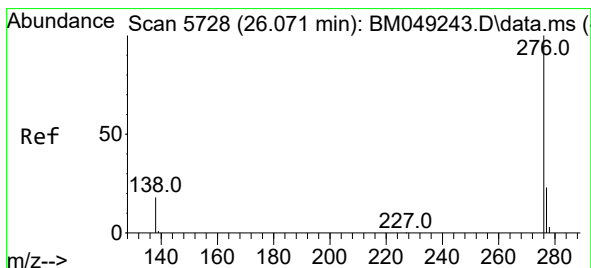
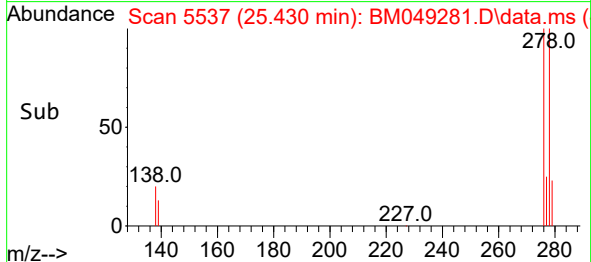
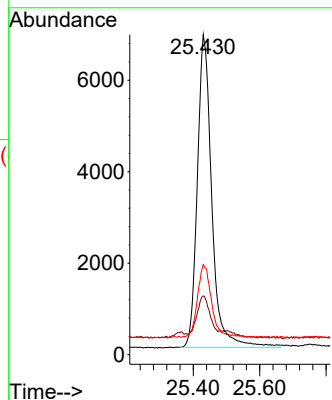
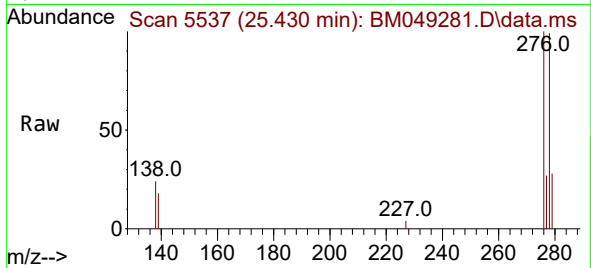




#28
Dibenzo(a,h)anthracene
Concen: 0.246 ng/ul
RT: 25.430 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Instrument :
BNA_M
ClientSampleId :
YE680MSD

Tgt Ion:278 Resp: 20725
Ion Ratio Lower Upper
278 100
139 18.3 13.5 20.3
279 28.1 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.257 ng/ul
RT: 26.064 min Scan# 5726
Delta R.T. -0.004 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Tgt Ion:276 Resp: 22456
Ion Ratio Lower Upper
276 100
138 20.4 16.7 25.1
277 25.3 19.9 29.9

