

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
 Data File : BM049077.D
 Acq On : 19 Dec 2024 19:05
 Operator : RC/JU
 Sample : PB165663BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS663

Quant Time: Dec 19 22:29:00 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 : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

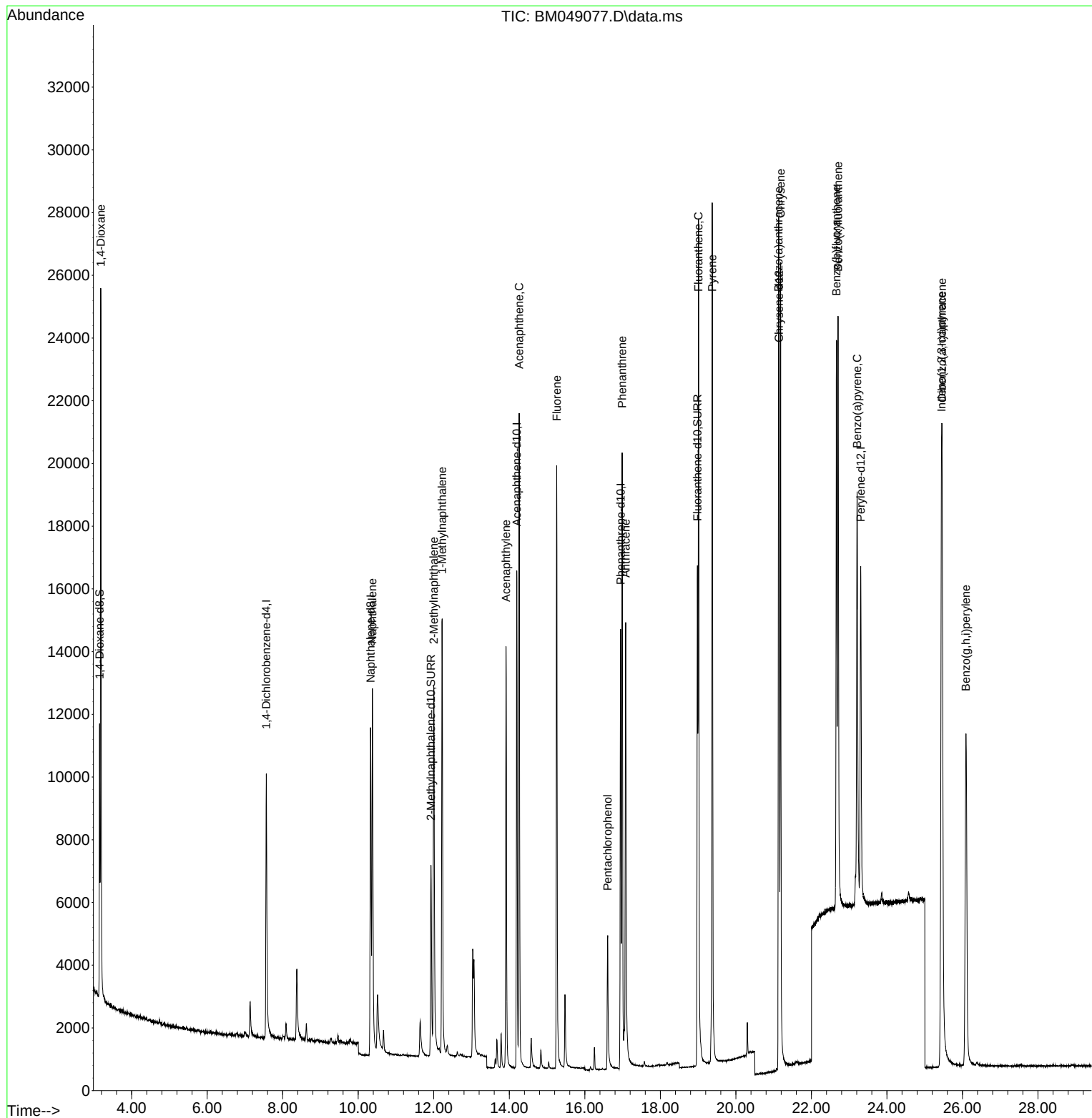
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.565	152	5527	0.400	ng/ul	0.00
4) Naphthalene-d8	10.326	136	16391	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	9259	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.947	188	18899	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	14172	0.400	ng/ul	0.00
23) Perylene-d12	23.305	264	14764	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	5030	0.789	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	10265	0.466	ng/ul	0.00
18) Fluoranthene-d10	18.983	212	20632	0.513	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.185	88	14182	1.904	ng/ul#	73
5) Naphthalene	10.376	128	17922	0.437	ng/ul	99
7) 2-Methylnaphthalene	12.003	142	11192	0.431	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	11472	0.431	ng/ul	99
10) Acenaphthylene	13.914	152	16426	0.428	ng/ul	100
11) Acenaphthene	14.261	153	12310	0.439	ng/ul	98
12) Fluorene	15.256	166	13822	0.437	ng/ul	99
14) Pentachlorophenol	16.605	266	3778	0.723	ng/ul	95
15) Phenanthrene	16.989	178	21741	0.440	ng/ul	99
16) Anthracene	17.082	178	19474	0.430	ng/ul	100
19) Fluoranthene	19.011	202	25185	0.492	ng/ul	99
20) Pyrene	19.374	202	25964	0.475	ng/ul	99
21) Benzo(a)anthracene	21.131	228	21537	0.437	ng/ul	99
22) Chrysene	21.184	228	24906	0.471	ng/ul	99
24) Benzo(b)fluoranthene	22.662	252	23123	0.490	ng/ul	97
25) Benzo(k)fluoranthene	22.706	252	25490	0.493	ng/ul	97
26) Benzo(a)pyrene	23.209	252	21329	0.472	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.443	276	29392	0.459	ng/ul	99
28) Dibenzo(a,h)anthracene	25.460	278	22717	0.457	ng/ul	97
29) Benzo(g,h,i)perylene	26.091	276	23476	0.456	ng/ul	99

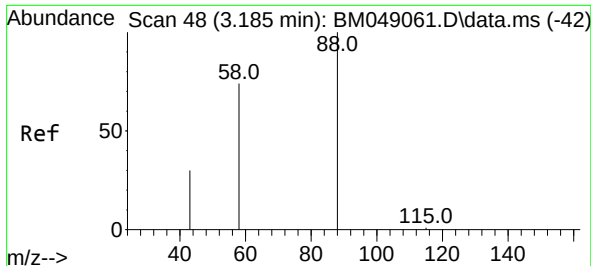
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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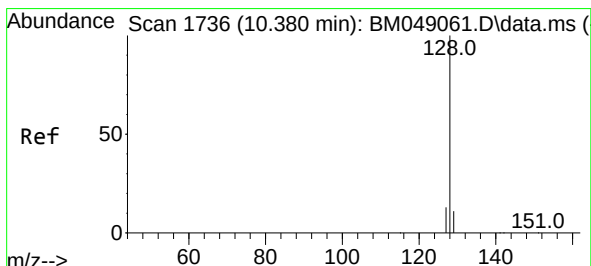
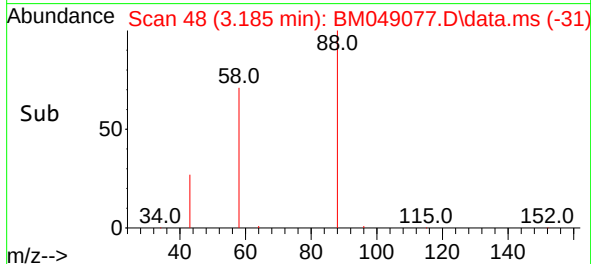
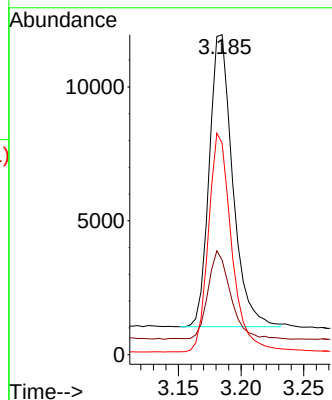
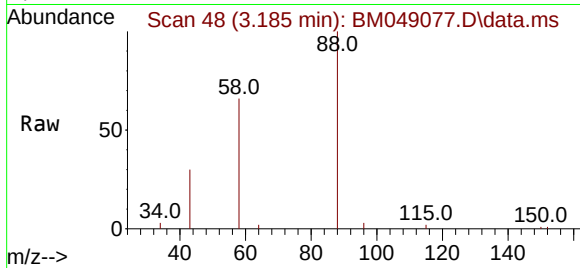




#2
1,4-Dioxane
Concen: 1.904 ng/ul
RT: 3.185 min Scan# 48
Delta R.T. -0.000 min
Lab File: BM049077.D
Acq: 19 Dec 2024 19:05

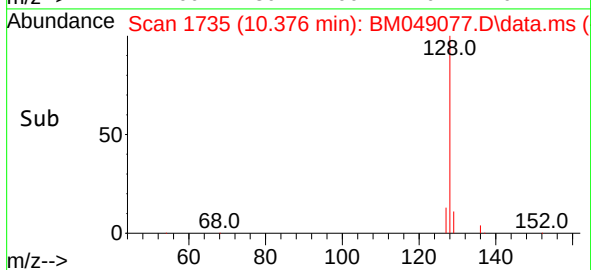
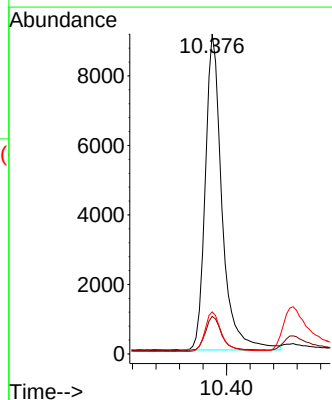
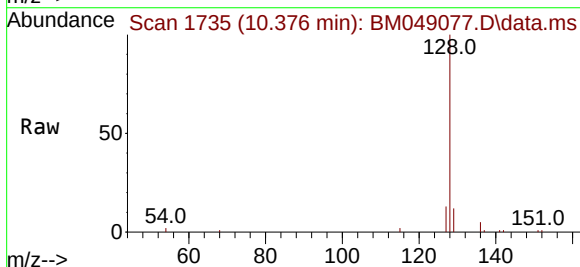
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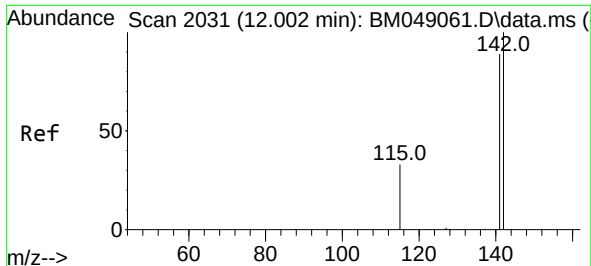
Tgt Ion: 88 Resp: 14182
Ion Ratio Lower Upper
88 100
43 29.6 45.4 68.2#
58 66.0 43.6 65.4#



#5
Naphthalene
Concen: 0.437 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.004 min
Lab File: BM049077.D
Acq: 19 Dec 2024 19:05

Tgt Ion: 128 Resp: 17922
Ion Ratio Lower Upper
128 100
129 11.8 9.7 14.5
127 13.2 10.6 16.0

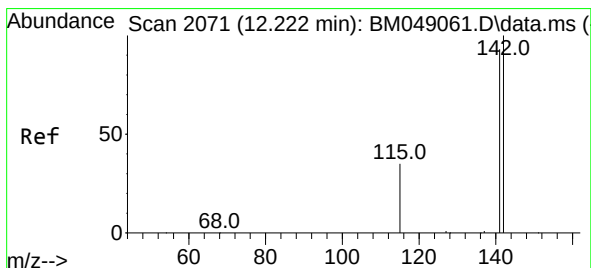
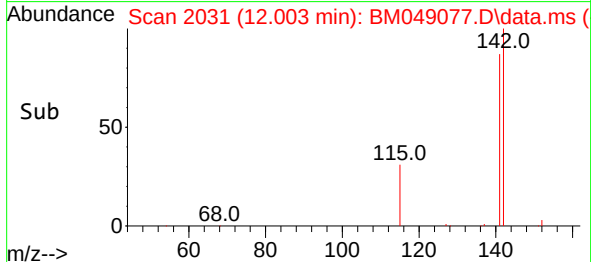
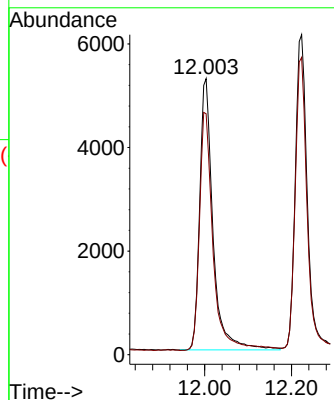
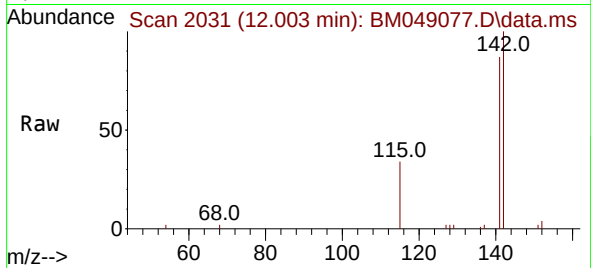




#7
2-Methylnaphthalene
Concen: 0.431 ng/ul
RT: 12.003 min Scan# 2031
Delta R.T. 0.001 min
Lab File: BM049077.D
Acq: 19 Dec 2024 19:05

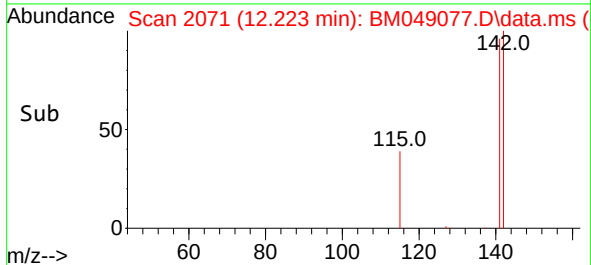
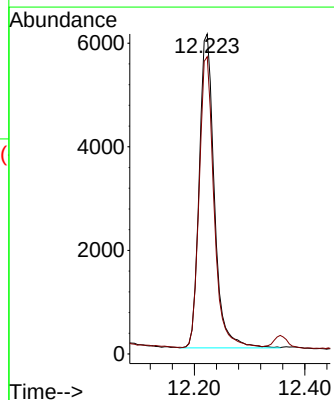
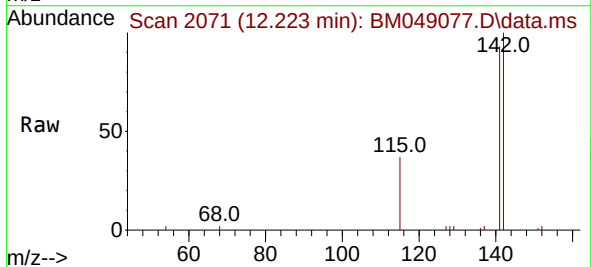
Instrument :
BNA_M
ClientSampleId :
SLCS663

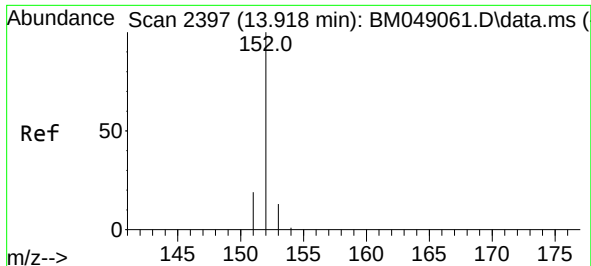
Tgt Ion:142 Resp: 11192
Ion Ratio Lower Upper
142 100
141 90.3 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.431 ng/ul
RT: 12.223 min Scan# 2071
Delta R.T. 0.001 min
Lab File: BM049077.D
Acq: 19 Dec 2024 19:05

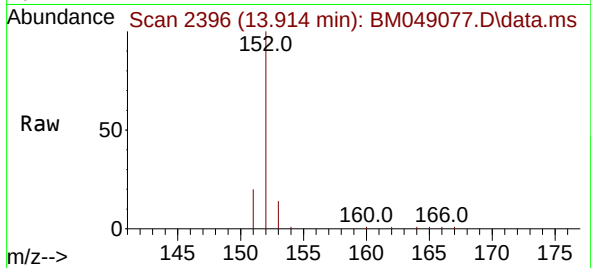
Tgt Ion:142 Resp: 11472
Ion Ratio Lower Upper
142 100
141 91.5 72.7 109.1



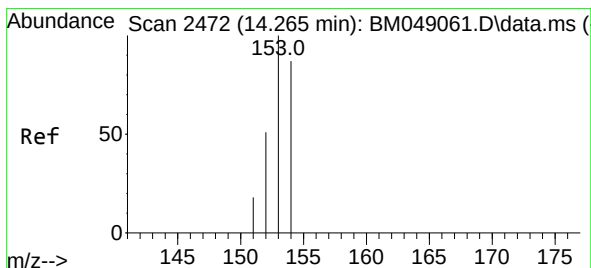
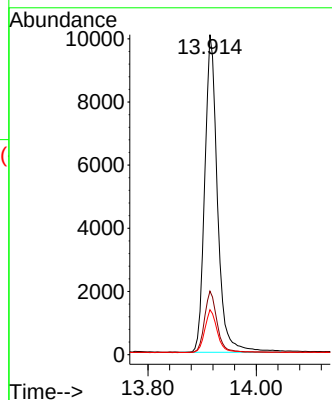


#10
Acenaphthylene
Concen: 0.428 ng/ul
RT: 13.914 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM049077.D
Acq: 19 Dec 2024 19:05

Instrument :
BNA_M
ClientSampleId :
SLCS663

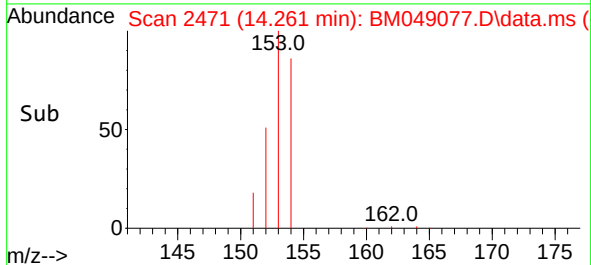
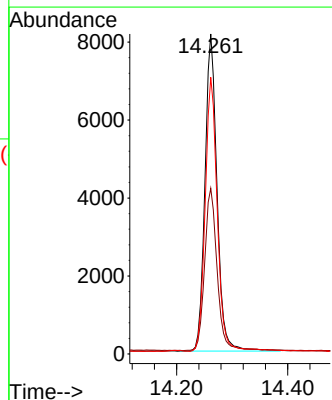
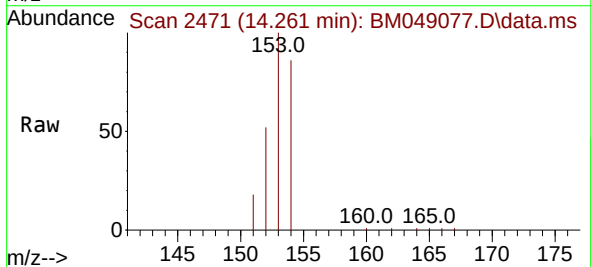


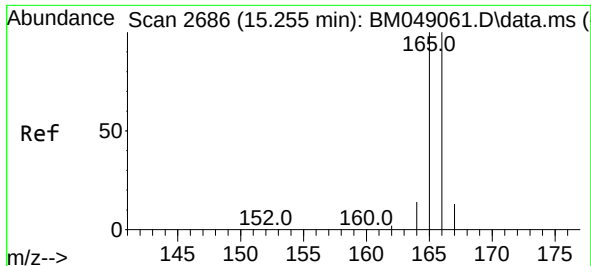
Tgt Ion:	152	Resp:	16426
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.0	24.0
153	14.1	11.0	16.6



#11
Acenaphthene
Concen: 0.439 ng/ul
RT: 14.261 min Scan# 2471
Delta R.T. -0.003 min
Lab File: BM049077.D
Acq: 19 Dec 2024 19:05

Tgt Ion:	153	Resp:	12310
Ion Ratio	Lower	Upper	
153	100		
152	51.7	40.7	61.1
154	86.4	70.8	106.2

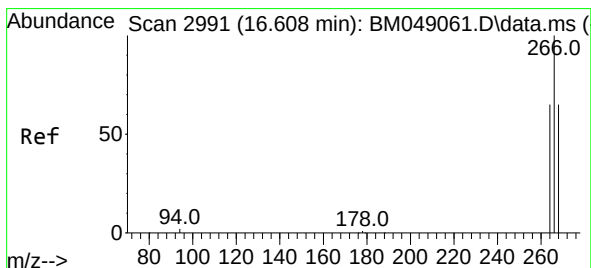
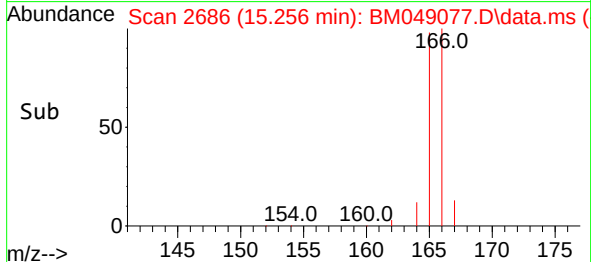
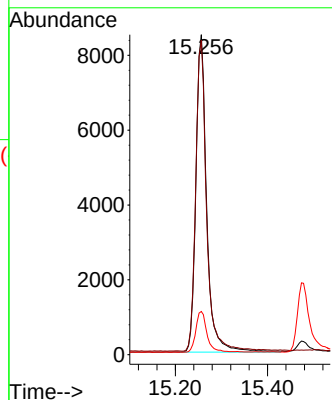
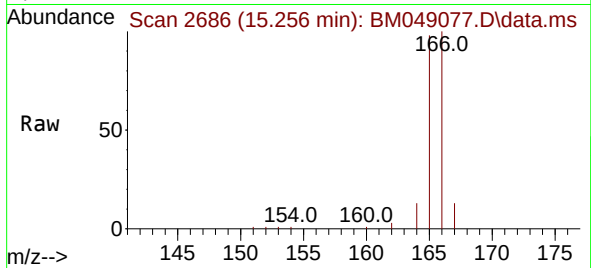




#12
 Fluorene
 Concen: 0.437 ng/ul
 RT: 15.256 min Scan# 2090
 Delta R.T. 0.001 min
 Lab File: BM049077.D
 Acq: 19 Dec 2024 19:05

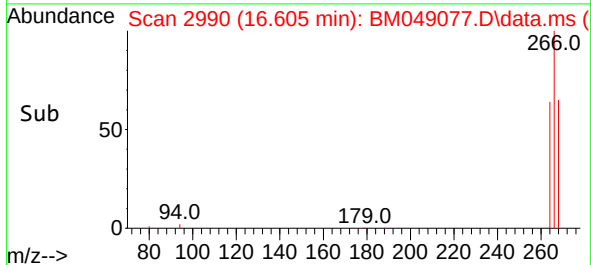
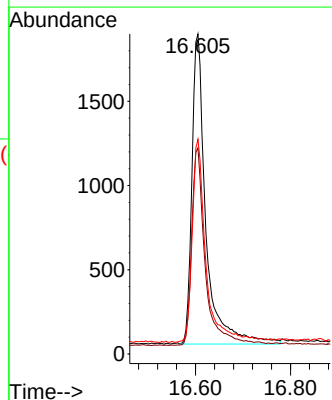
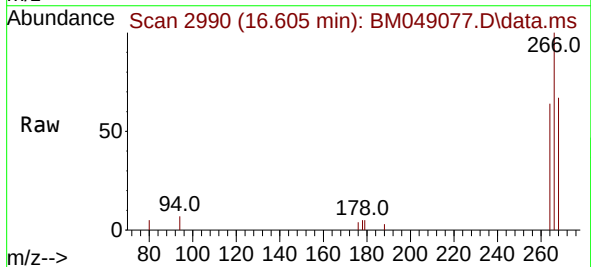
Instrument :
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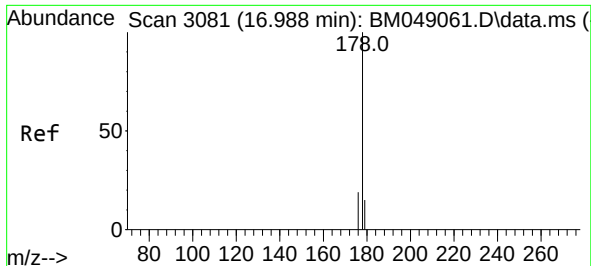
Tgt Ion:166 Resp: 13822
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.7 119.5
 167 13.5 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.723 ng/ul
 RT: 16.605 min Scan# 2990
 Delta R.T. -0.003 min
 Lab File: BM049077.D
 Acq: 19 Dec 2024 19:05

Tgt Ion:266 Resp: 3778
 Ion Ratio Lower Upper
 266 100
 264 62.2 48.3 72.5
 268 64.8 47.5 71.3

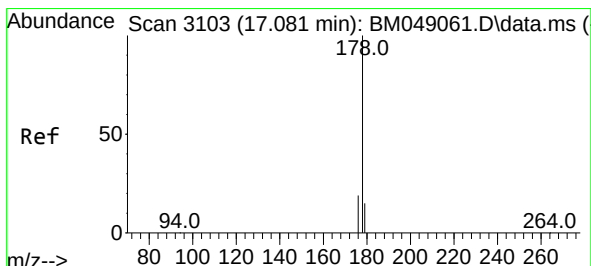
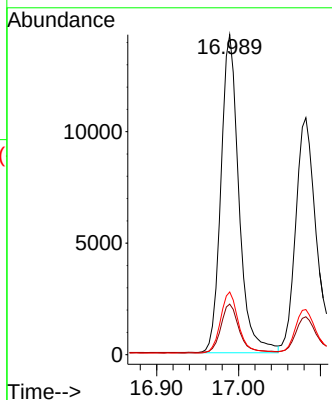
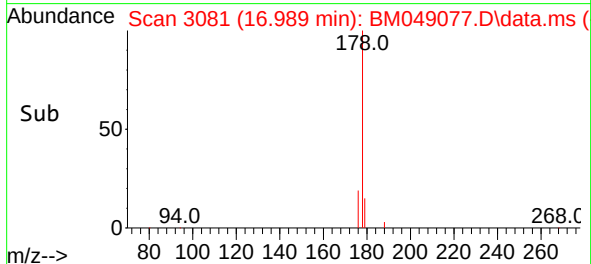
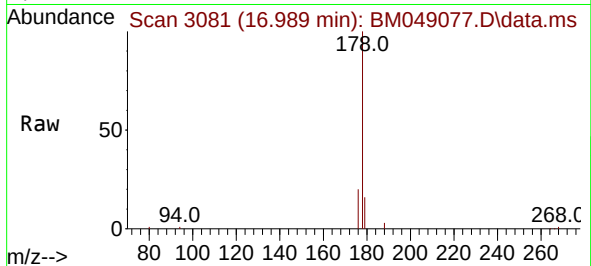




#15
Phenanthrene
Concen: 0.440 ng/ul
RT: 16.989 min Scan# 3081
Delta R.T. -0.003 min
Lab File: BM049077.D
Acq: 19 Dec 2024 19:05

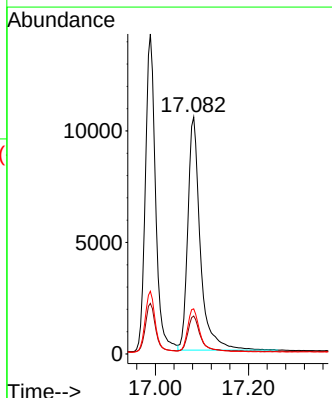
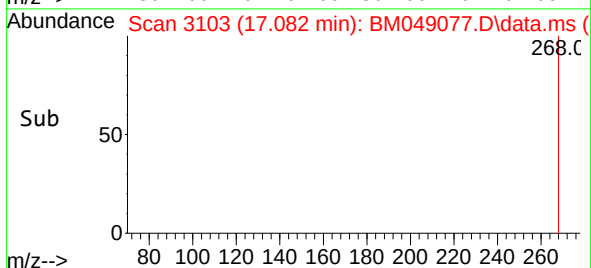
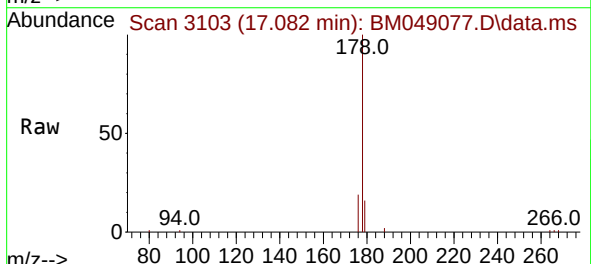
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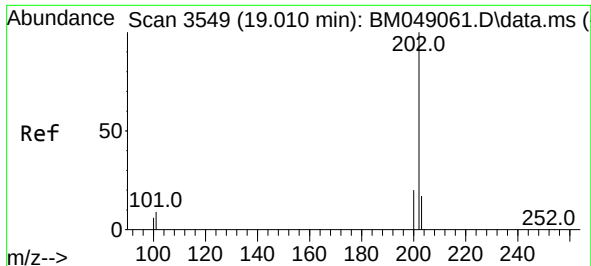
Tgt Ion:	178	Resp:	21741
Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.4
176	19.6	16.2	24.2



#16
Anthracene
Concen: 0.430 ng/ul
RT: 17.082 min Scan# 3103
Delta R.T. -0.003 min
Lab File: BM049077.D
Acq: 19 Dec 2024 19:05

Tgt Ion:	178	Resp:	19474
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	19.1	15.3	22.9

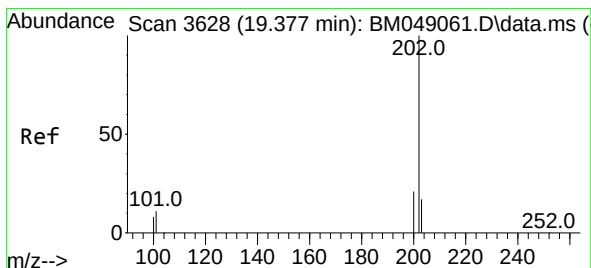
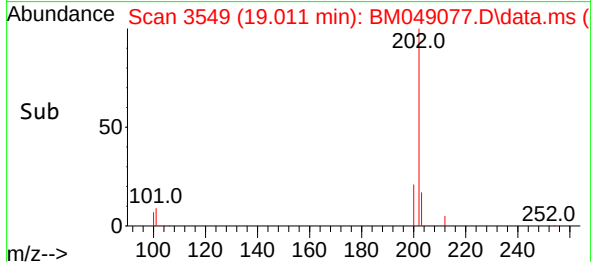
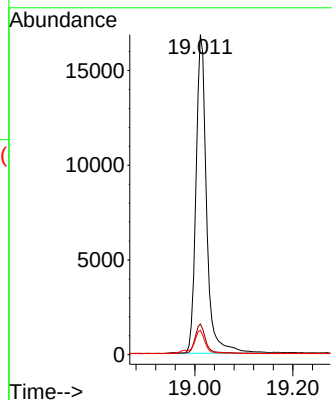
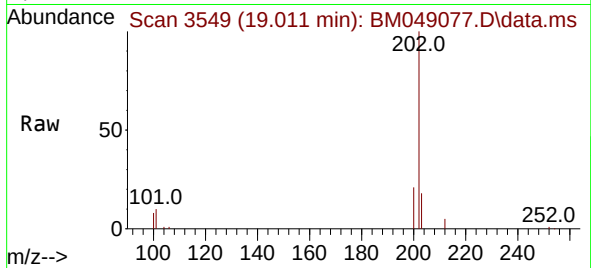




#19
Fluoranthene
Concen: 0.492 ng/ul
RT: 19.011 min Scan# 3549
Delta R.T. -0.003 min
Lab File: BM049077.D
Acq: 19 Dec 2024 19:05

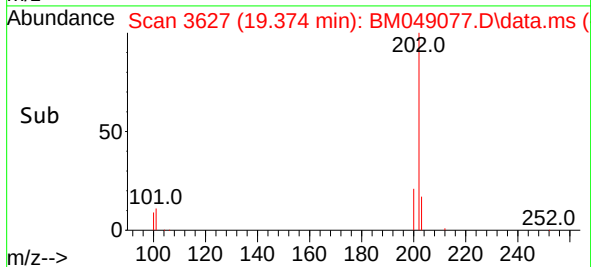
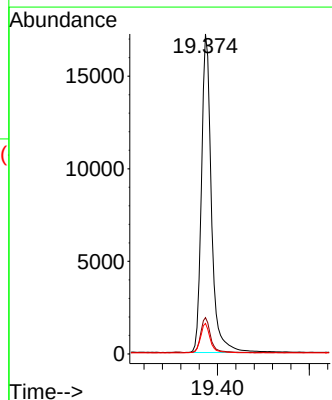
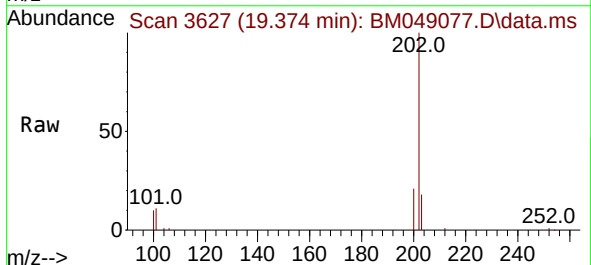
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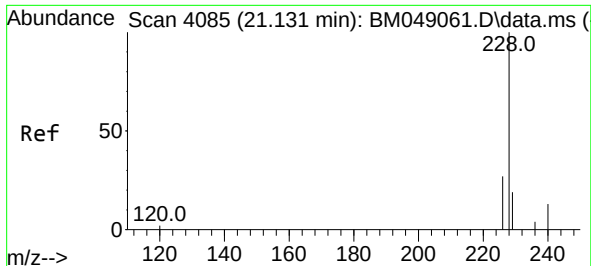
Tgt Ion:202 Resp: 25185
Ion Ratio Lower Upper
202 100
101 9.6 7.6 11.4
100 7.6 5.5 8.3



#20
Pyrene
Concen: 0.475 ng/ul
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049077.D
Acq: 19 Dec 2024 19:05

Tgt Ion:202 Resp: 25964
Ion Ratio Lower Upper
202 100
101 11.3 8.9 13.3
100 9.5 6.9 10.3

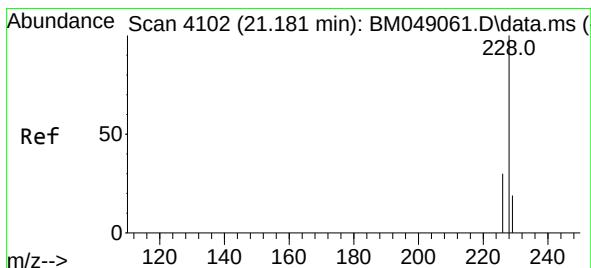
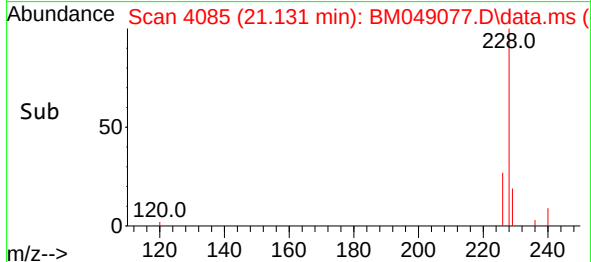
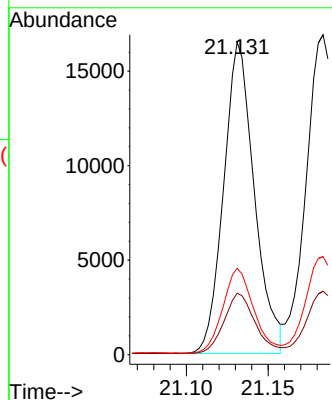
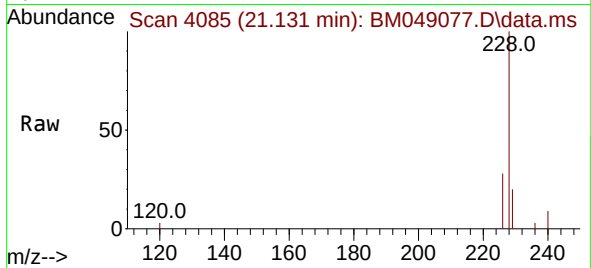




#21
Benzo(a)anthracene
Concen: 0.437 ng/ul
RT: 21.131 min Scan# 4085
Delta R.T. -0.000 min
Lab File: BM049077.D
Acq: 19 Dec 2024 19:05

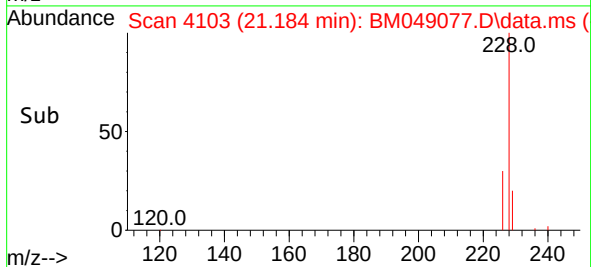
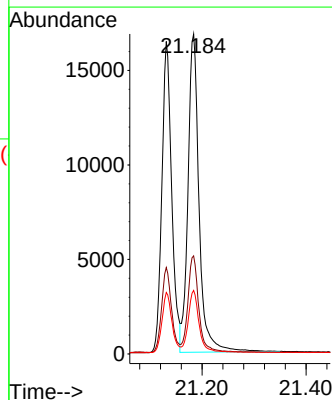
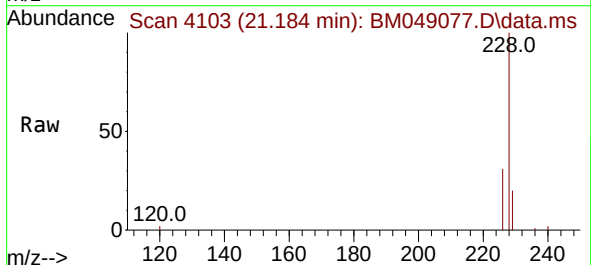
Instrument :
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ClientSampleId :
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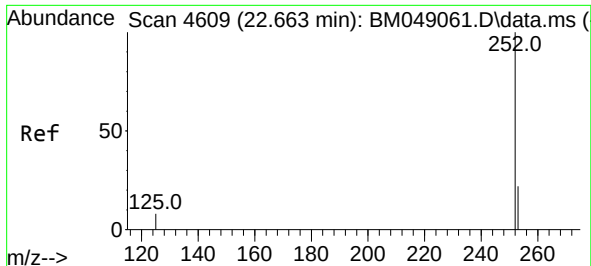
Tgt Ion:228 Resp: 21537
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.7 22.6 34.0



#22
Chrysene
Concen: 0.471 ng/ul
RT: 21.184 min Scan# 4103
Delta R.T. -0.000 min
Lab File: BM049077.D
Acq: 19 Dec 2024 19:05

Tgt Ion:228 Resp: 24906
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 19.8 15.8 23.8

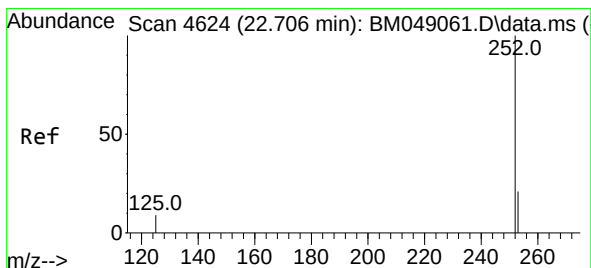
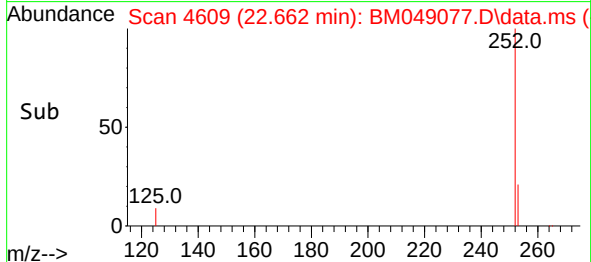
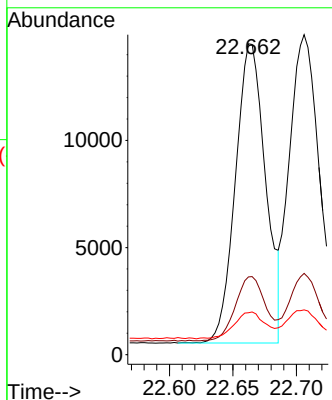
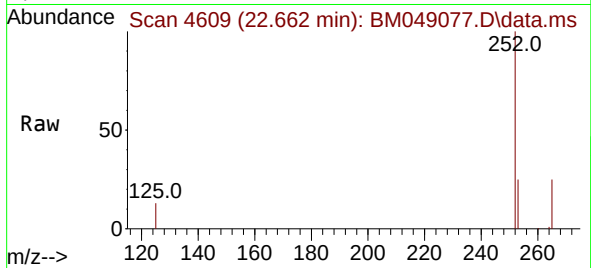




#24
Benzo(b)fluoranthene
Concen: 0.490 ng/ul
RT: 22.662 min Scan# 4609
Delta R.T. -0.000 min
Lab File: BM049077.D
Acq: 19 Dec 2024 19:05

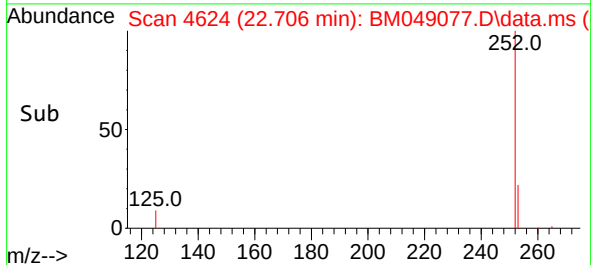
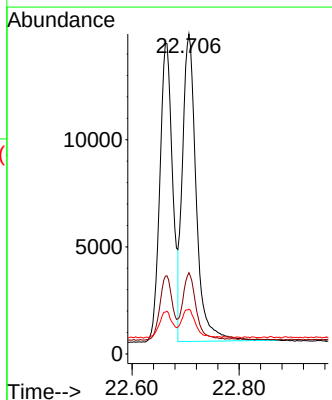
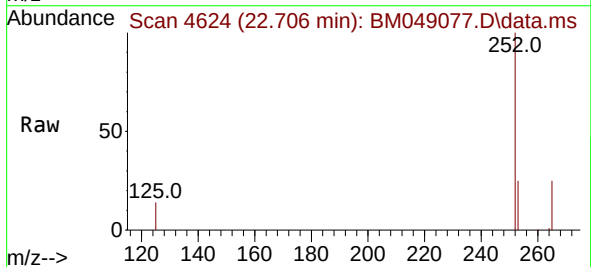
Instrument :
BNA_M
ClientSampleId :
SLCS663

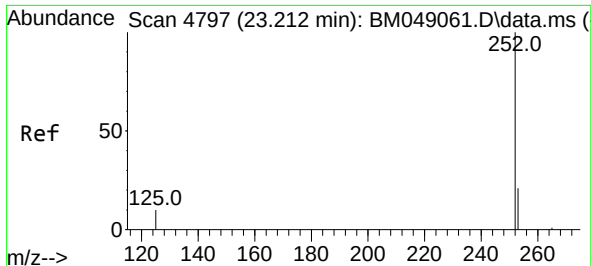
Tgt Ion:252 Resp: 23123
Ion Ratio Lower Upper
252 100
253 25.0 0.0 52.6
125 13.5 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.493 ng/ul
RT: 22.706 min Scan# 4624
Delta R.T. -0.000 min
Lab File: BM049077.D
Acq: 19 Dec 2024 19:05

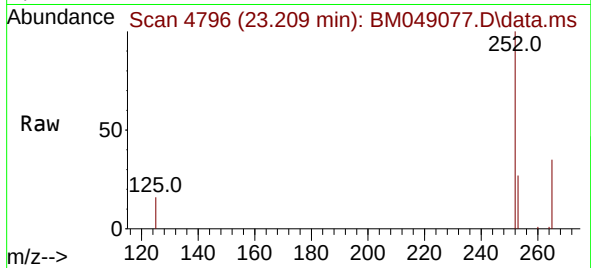
Tgt Ion:252 Resp: 25490
Ion Ratio Lower Upper
252 100
253 25.4 21.3 31.9
125 14.0 12.6 18.8



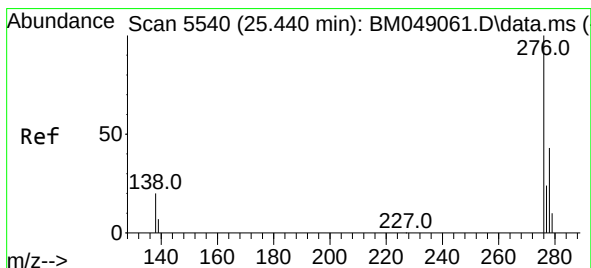
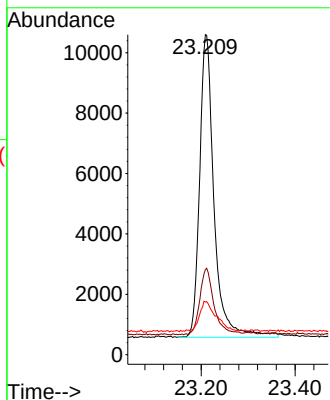
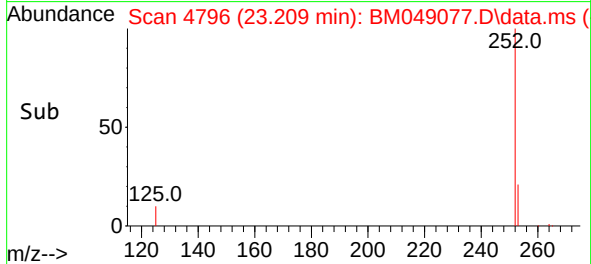


#26
Benzo(a)pyrene
Concen: 0.472 ng/ul
RT: 23.209 min Scan# 4796
Delta R.T. -0.000 min
Lab File: BM049077.D
Acq: 19 Dec 2024 19:05

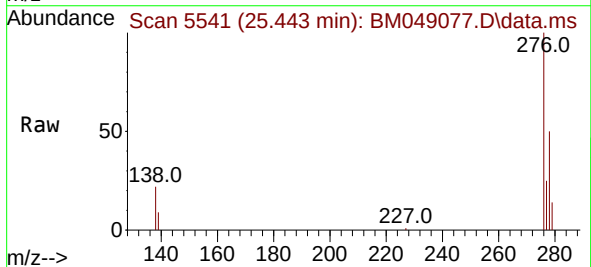
Instrument :
BNA_M
ClientSampleId :
SLCS663



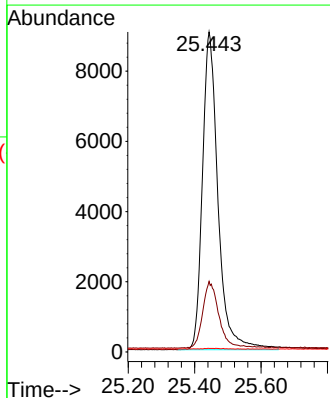
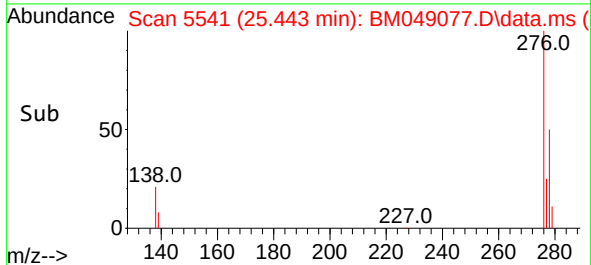
Tgt Ion:252 Resp: 21329
Ion Ratio Lower Upper
252 100
253 26.6 22.4 33.6
125 16.5 14.8 22.2

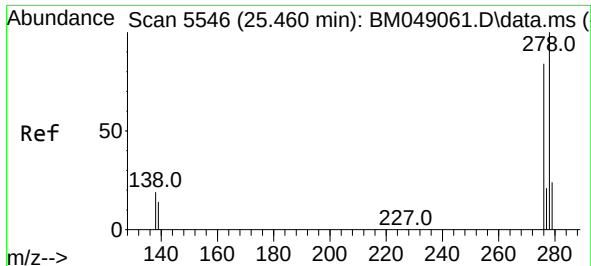


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.459 ng/ul
RT: 25.443 min Scan# 5541
Delta R.T. -0.004 min
Lab File: BM049077.D
Acq: 19 Dec 2024 19:05



Tgt Ion:276 Resp: 29392
Ion Ratio Lower Upper
276 100
138 22.2 17.4 26.2
227 0.2 0.2 0.2

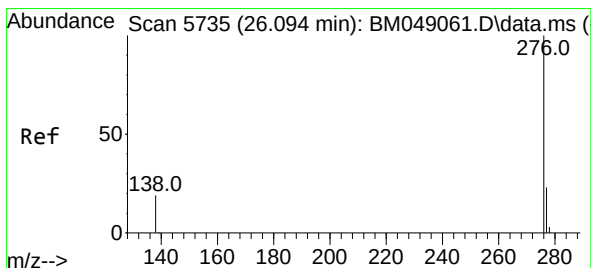
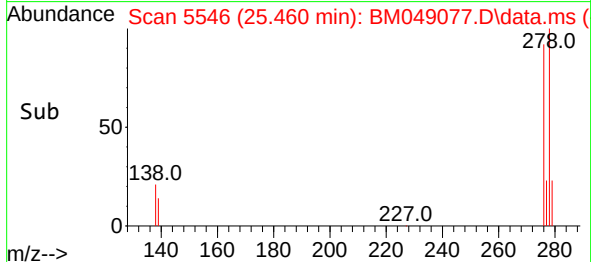
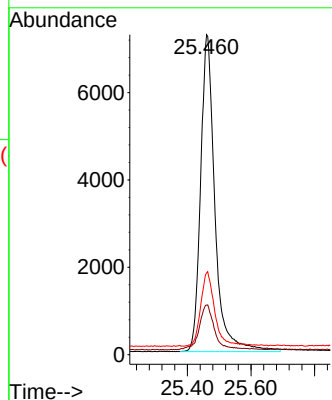
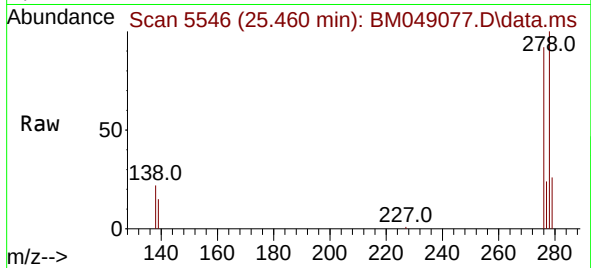




#28
Dibenzo(a,h)anthracene
Concen: 0.457 ng/ul
RT: 25.460 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM049077.D
Acq: 19 Dec 2024 19:05

Instrument :
BNA_M
ClientSampleId :
SLCS663

Tgt Ion:	278	Resp:	22717
Ion Ratio	Lower	Upper	
278	100		
139	15.5	13.5	20.3
279	25.5	21.5	32.3



#29
Benzo(g,h,i)perylene
Concen: 0.456 ng/ul
RT: 26.091 min Scan# 5734
Delta R.T. -0.004 min
Lab File: BM049077.D
Acq: 19 Dec 2024 19:05

Tgt Ion:	276	Resp:	23476
Ion Ratio	Lower	Upper	
276	100		
138	20.1	16.7	25.1
277	24.4	19.9	29.9

