

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
 Data File : BM049022.D
 Acq On : 17 Dec 2024 15:14
 Operator : RC/JU
 Sample : PB165611BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS611

Quant Time: Dec 17 16:00:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 17 10:03:27 2024
 Response via : Initial Calibration

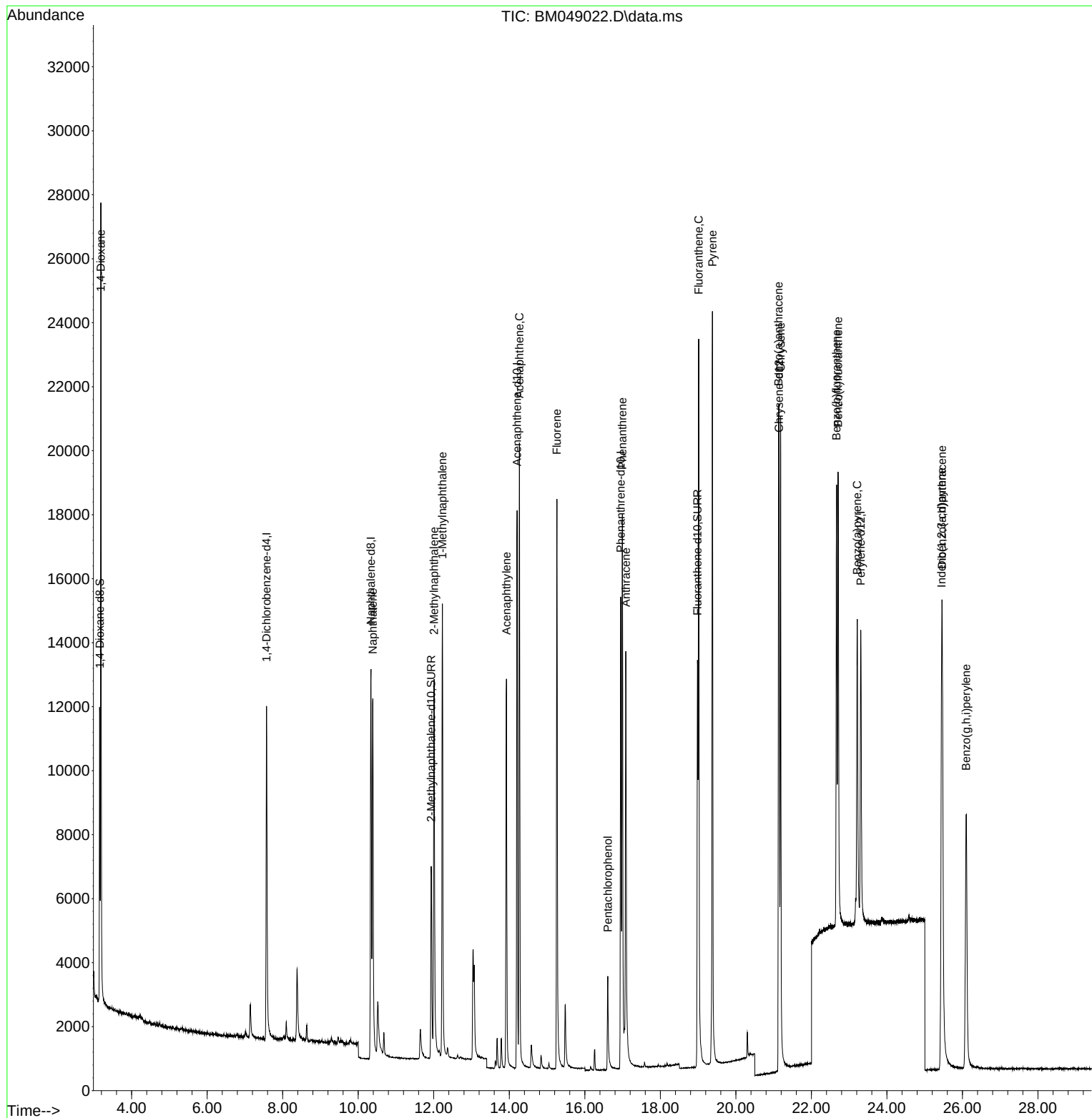
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	6541	0.400	ng/ul	0.00
4) Naphthalene-d8	10.337	136	18705	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.206	164	10314	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	19979	0.400	ng/ul #	0.00
17) Chrysene-d12	21.146	240	12933	0.400	ng/ul	0.00
23) Perylene-d12	23.305	264	12653	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	5299	0.693	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.932	152	9829	0.412	ng/ul	0.00
18) Fluoranthene-d10	18.983	212	17419	0.451	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.185	88	14739	1.666	ng/ul#	81
5) Naphthalene	10.387	128	17144	0.358	ng/ul	100
7) 2-Methylnaphthalene	12.009	142	10726	0.366	ng/ul	100
8) 1-Methylnaphthalene	12.229	142	10937	0.367	ng/ul	100
10) Acenaphthylene	13.924	152	15594	0.358	ng/ul	99
11) Acenaphthene	14.266	153	11977	0.363	ng/ul	98
12) Fluorene	15.261	166	13298	0.363	ng/ul	99
14) Pentachlorophenol	16.609	266	2723	0.662	ng/ul	96
15) Phenanthrene	16.993	178	20009	0.365	ng/ul	100
16) Anthracene	17.086	178	17926	0.367	ng/ul	99
19) Fluoranthene	19.016	202	21602	0.403	ng/ul	95
20) Pyrene	19.379	202	21927	0.379	ng/ul	97
21) Benzo(a)anthracene	21.131	228	16674	0.366	ng/ul	99
22) Chrysene	21.184	228	19783	0.384	ng/ul	100
24) Benzo(b)fluoranthene	22.665	252	17118	0.391	ng/ul	97
25) Benzo(k)fluoranthene	22.706	252	19896	0.393	ng/ul#	94
26) Benzo(a)pyrene	23.215	252	15347	0.380	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.450	276	21124	0.372	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.464	278	16246	0.368	ng/ul	96
29) Benzo(g,h,i)perylene	26.097	276	17212	0.377	ng/ul	97

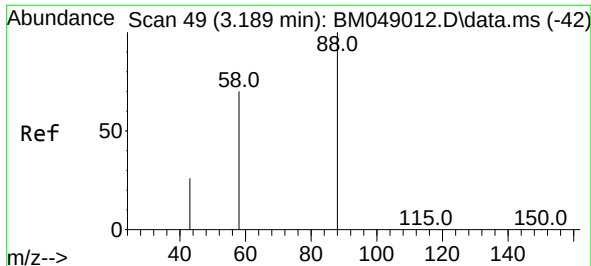
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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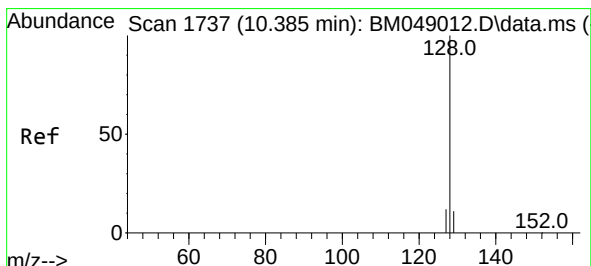
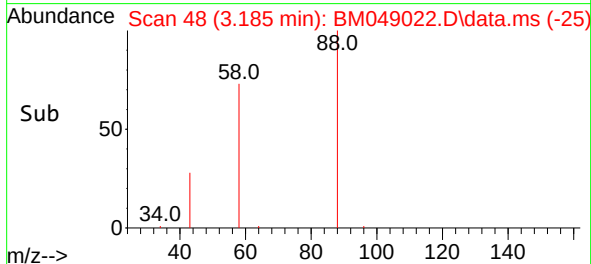
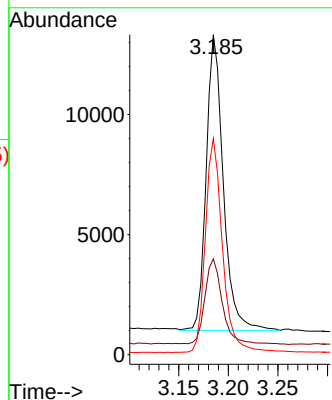
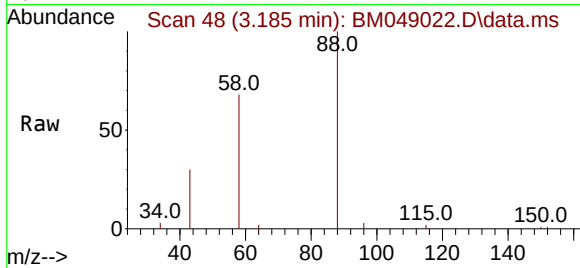




#2
1,4-Dioxane
Concen: 1.666 ng/ul
RT: 3.185 min Scan# 49
Delta R.T. -0.004 min
Lab File: BM049022.D
Acq: 17 Dec 2024 15:14

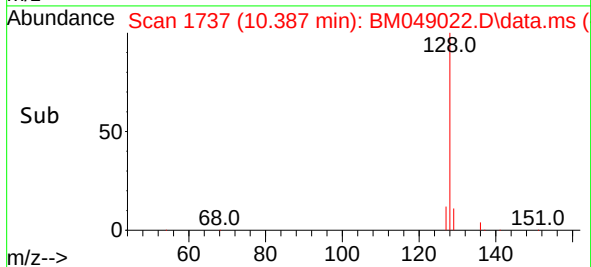
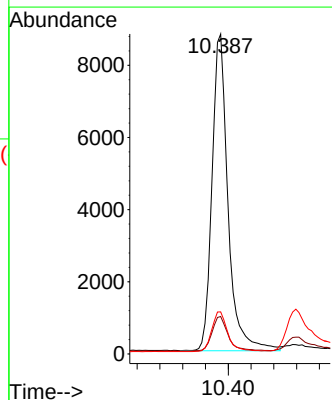
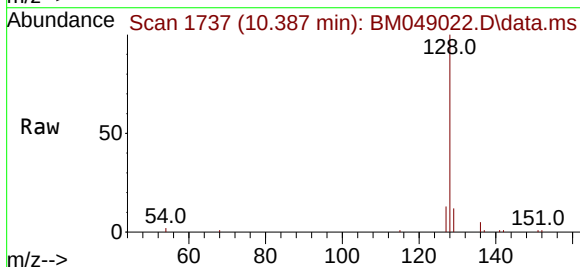
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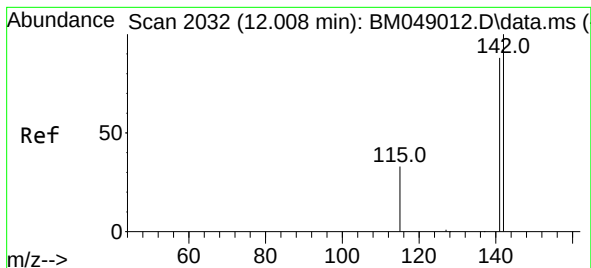
Tgt Ion: 88 Resp: 14739
Ion Ratio Lower Upper
88 100
43 29.9 32.3 48.5#
58 67.5 42.0 63.0#



#5
Naphthalene
Concen: 0.358 ng/ul
RT: 10.387 min Scan# 1737
Delta R.T. 0.001 min
Lab File: BM049022.D
Acq: 17 Dec 2024 15:14

Tgt Ion:128 Resp: 17144
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 13.1 10.6 16.0

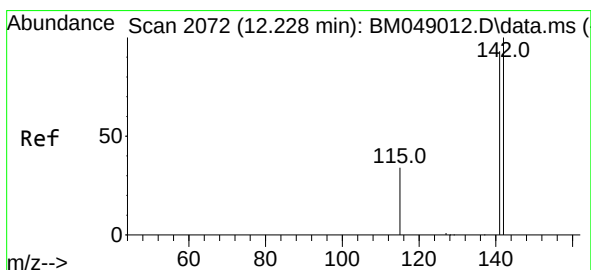
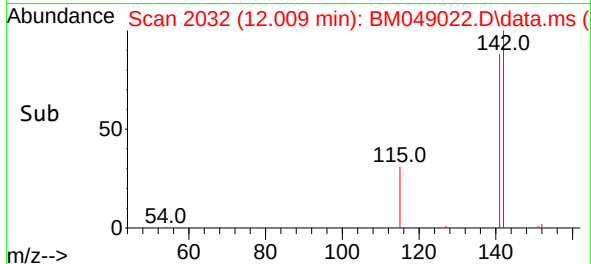
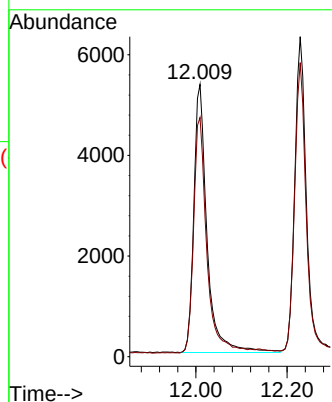
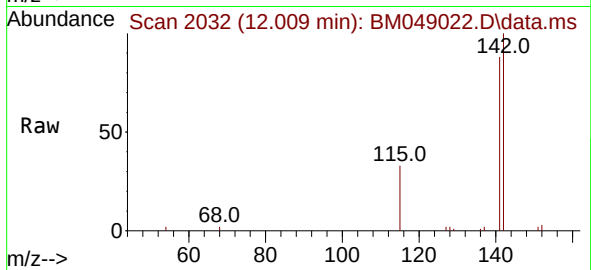




#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.009 min Scan# 2032
Delta R.T. 0.001 min
Lab File: BM049022.D
Acq: 17 Dec 2024 15:14

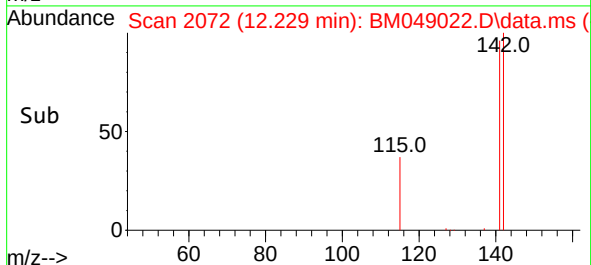
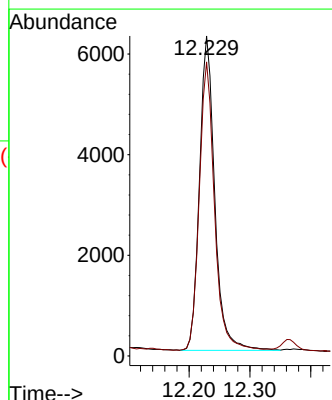
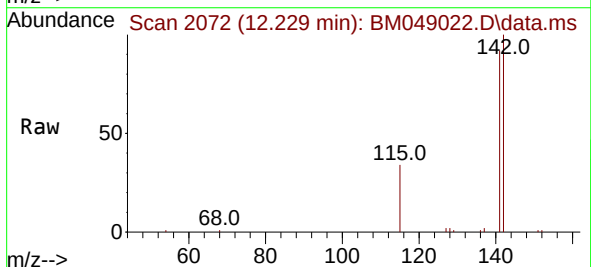
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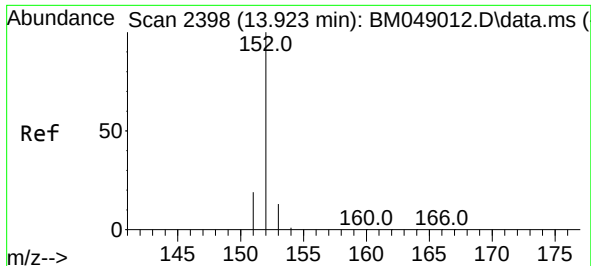
Tgt Ion:142 Resp: 10726
Ion Ratio Lower Upper
142 100
141 89.3 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.229 min Scan# 2072
Delta R.T. 0.001 min
Lab File: BM049022.D
Acq: 17 Dec 2024 15:14

Tgt Ion:142 Resp: 10937
Ion Ratio Lower Upper
142 100
141 91.5 72.8 109.2

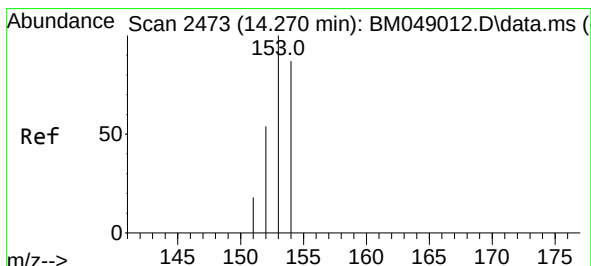
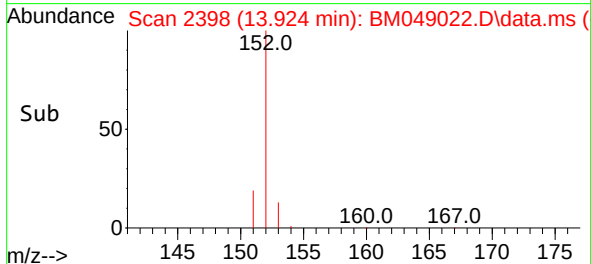
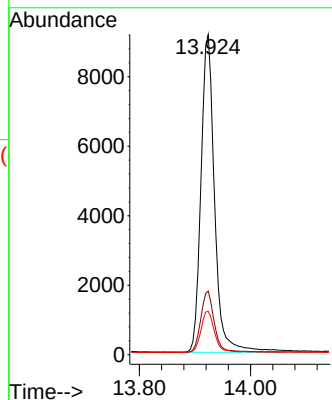
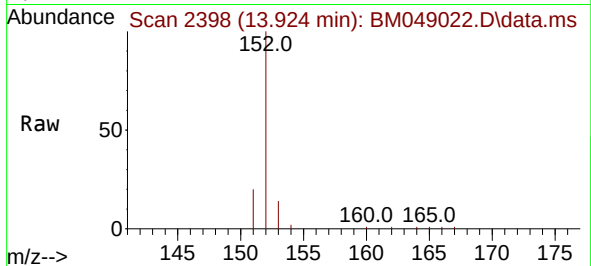




#10
Acenaphthylene
Concen: 0.358 ng/ul
RT: 13.924 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM049022.D
Acq: 17 Dec 2024 15:14

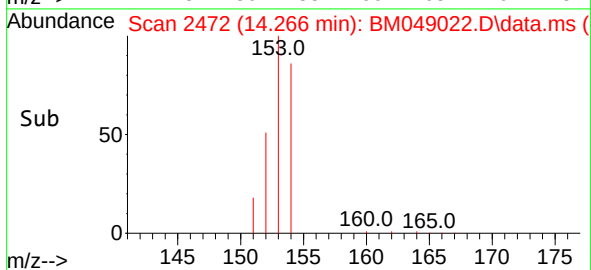
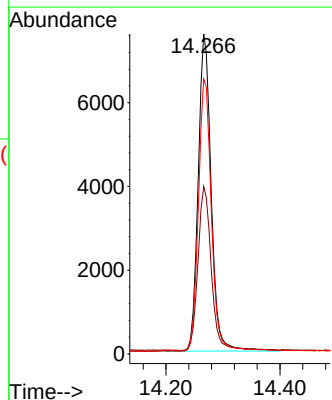
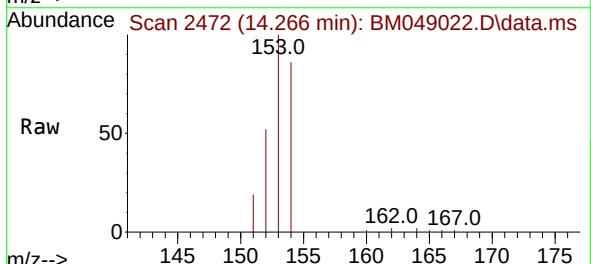
Instrument :
BNA_M
ClientSampleId :
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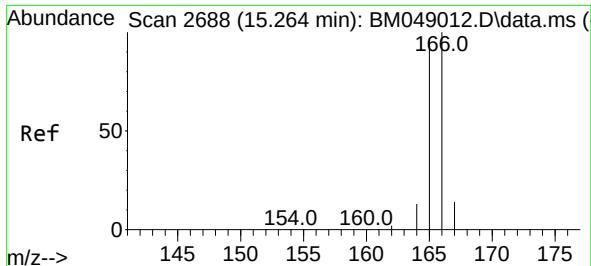
Tgt Ion:	152	Resp:	15594
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.3	24.5
153	13.6	11.2	16.8



#11
Acenaphthene
Concen: 0.363 ng/ul
RT: 14.266 min Scan# 2472
Delta R.T. -0.003 min
Lab File: BM049022.D
Acq: 17 Dec 2024 15:14

Tgt Ion:	153	Resp:	11977
Ion Ratio	Lower	Upper	
153	100		
152	52.4	43.5	65.3
154	85.9	69.5	104.3

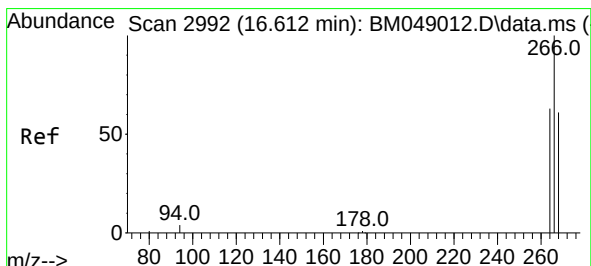
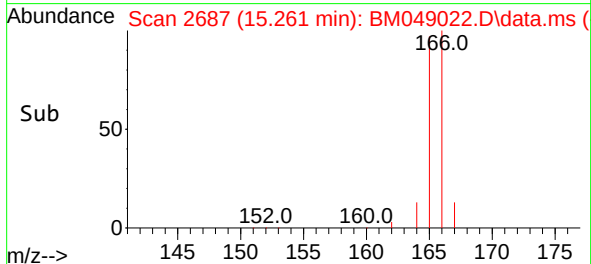
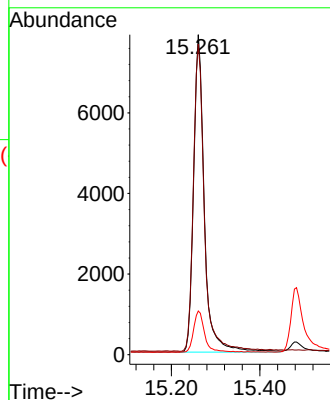
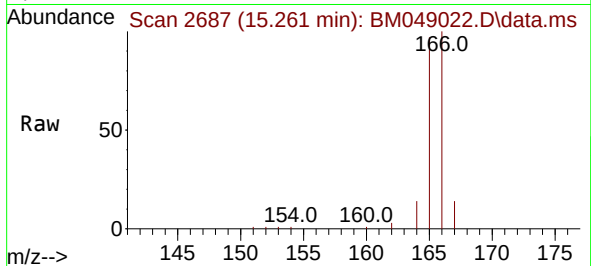




#12
 Fluorene
 Concen: 0.363 ng/ul
 RT: 15.261 min Scan# 2091
 Delta R.T. -0.003 min
 Lab File: BM049022.D
 Acq: 17 Dec 2024 15:14

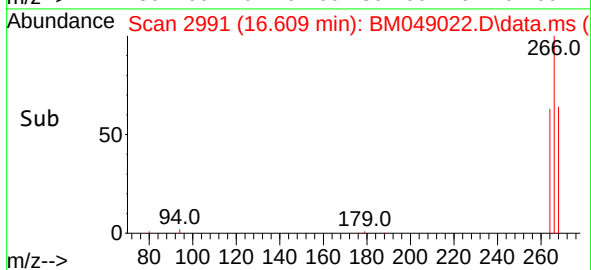
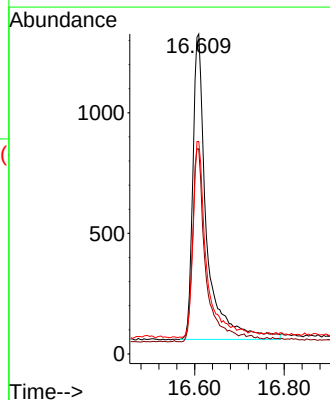
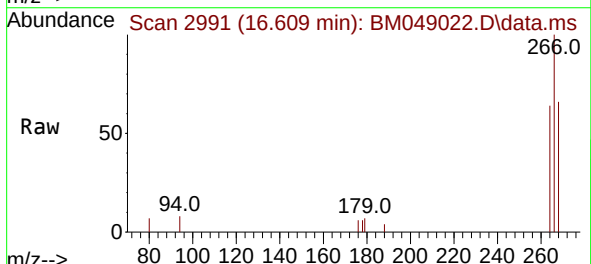
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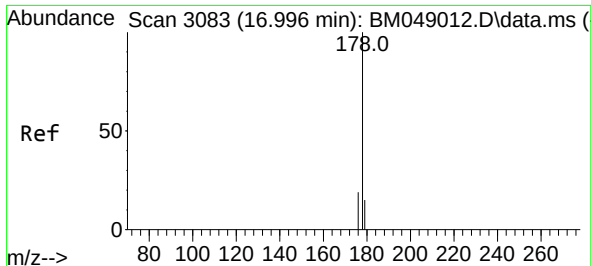
Tgt Ion:166 Resp: 13298
 Ion Ratio Lower Upper
 166 100
 165 97.1 78.1 117.1
 167 13.7 11.6 17.4



#14
 Pentachlorophenol
 Concen: 0.662 ng/ul
 RT: 16.609 min Scan# 2991
 Delta R.T. -0.003 min
 Lab File: BM049022.D
 Acq: 17 Dec 2024 15:14

Tgt Ion:266 Resp: 2723
 Ion Ratio Lower Upper
 266 100
 264 61.8 47.9 71.9
 268 64.2 55.0 82.6

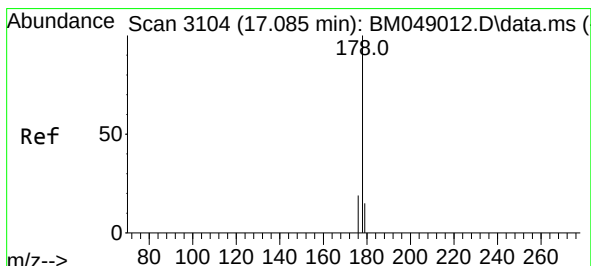
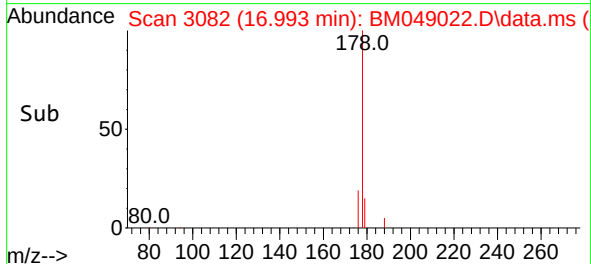
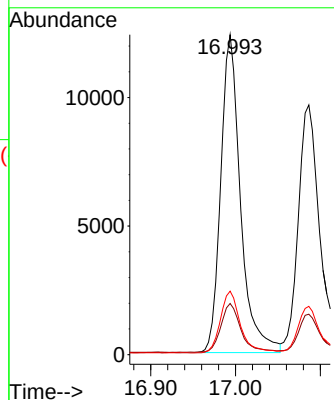
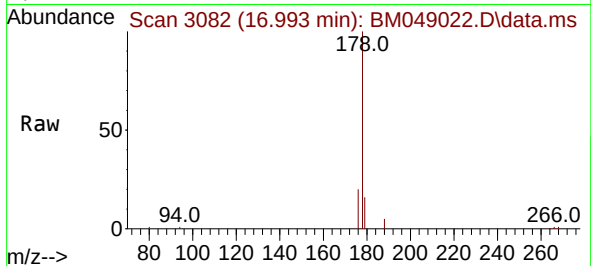




#15
Phenanthrene
Concen: 0.365 ng/ul
RT: 16.993 min Scan# 3083
Delta R.T. -0.003 min
Lab File: BM049022.D
Acq: 17 Dec 2024 15:14

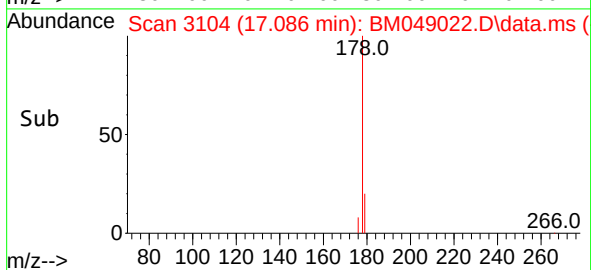
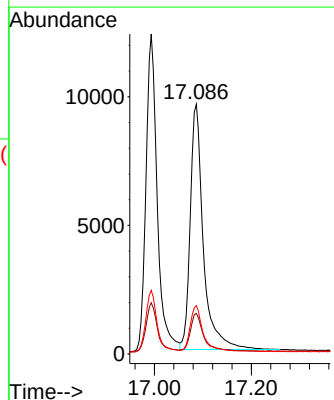
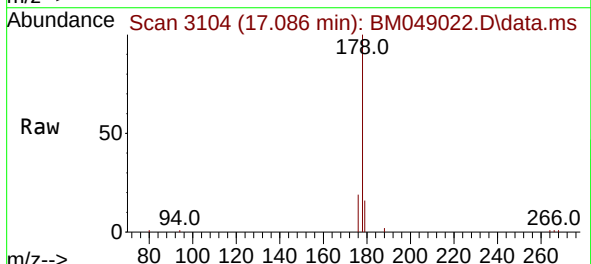
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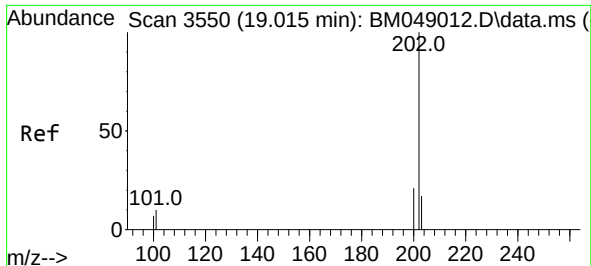
Tgt Ion:178 Resp: 20009
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.9 15.8 23.8



#16
Anthracene
Concen: 0.367 ng/ul
RT: 17.086 min Scan# 3104
Delta R.T. 0.001 min
Lab File: BM049022.D
Acq: 17 Dec 2024 15:14

Tgt Ion:178 Resp: 17926
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 19.3 15.0 22.6

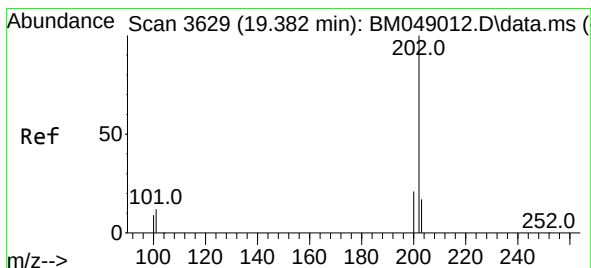
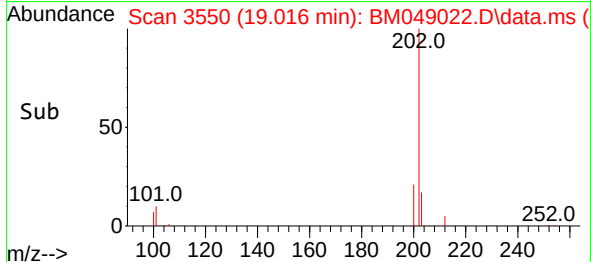
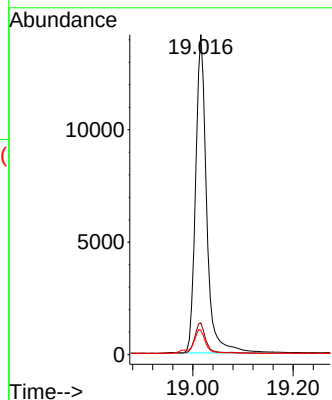
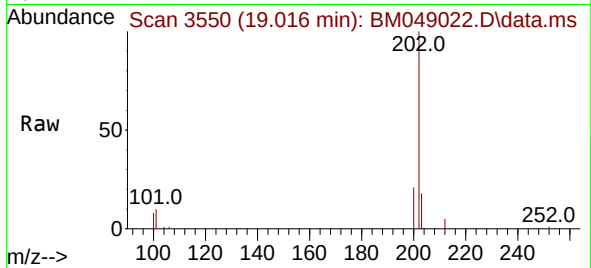




#19
Fluoranthene
Concen: 0.403 ng/u1
RT: 19.016 min Scan# 3550
Delta R.T. 0.001 min
Lab File: BM049022.D
Acq: 17 Dec 2024 15:14

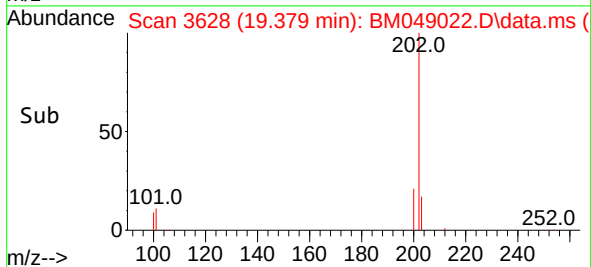
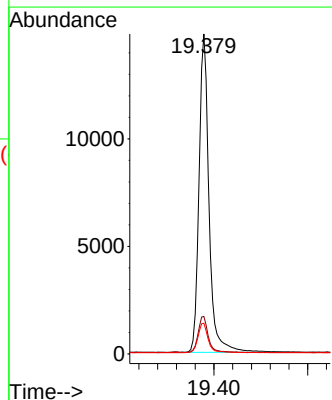
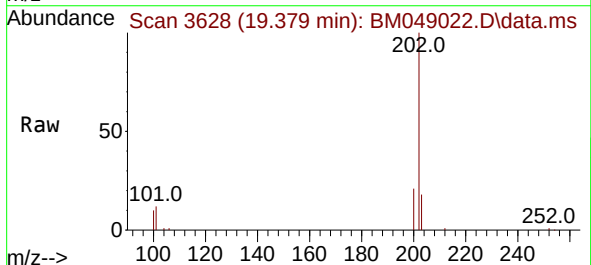
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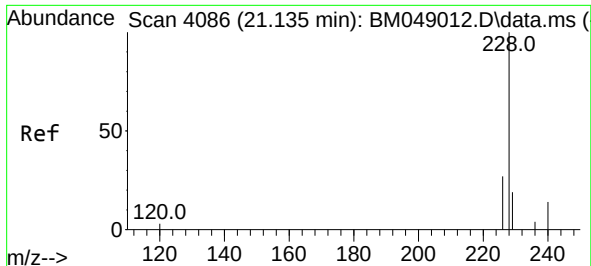
Tgt Ion:202 Resp: 21602
Ion Ratio Lower Upper
202 100
101 9.9 9.7 14.5
100 7.7 7.3 10.9



#20
Pyrene
Concen: 0.379 ng/u1
RT: 19.379 min Scan# 3628
Delta R.T. -0.003 min
Lab File: BM049022.D
Acq: 17 Dec 2024 15:14

Tgt Ion:202 Resp: 21927
Ion Ratio Lower Upper
202 100
101 11.7 10.6 16.0
100 9.6 8.4 12.6

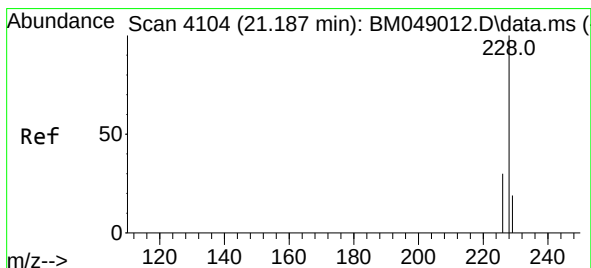
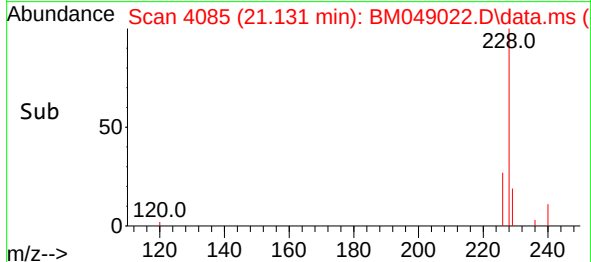
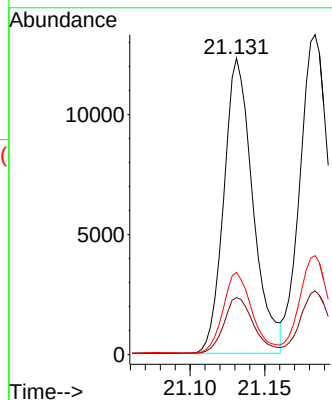
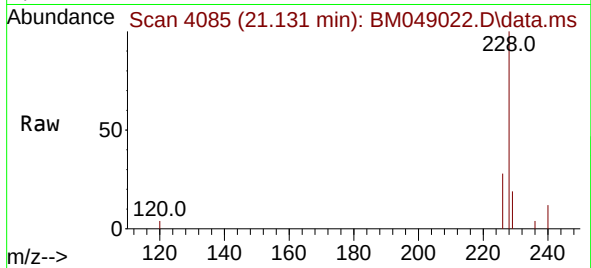




#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.131 min Scan# 4086
Delta R.T. -0.003 min
Lab File: BM049022.D
Acq: 17 Dec 2024 15:14

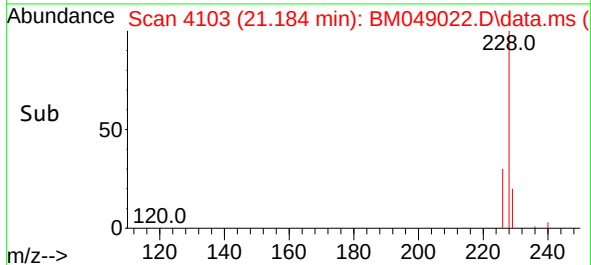
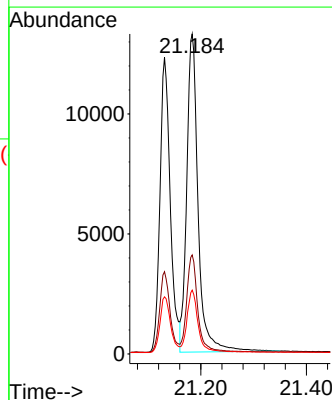
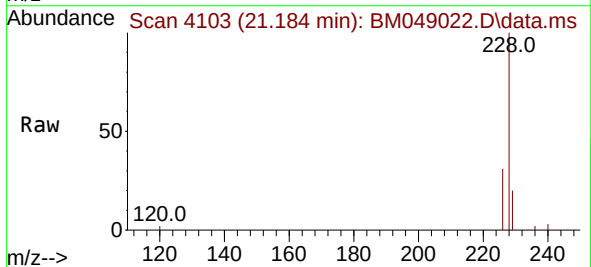
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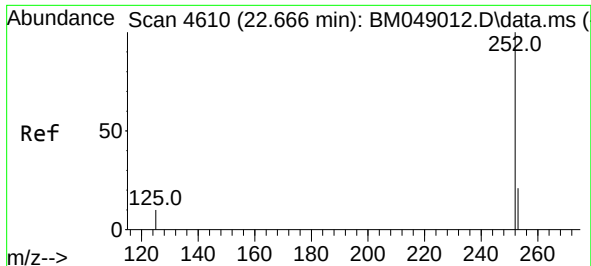
Tgt Ion:228 Resp: 16674
Ion Ratio Lower Upper
228 100
229 19.3 15.7 23.5
226 27.7 23.0 34.4



#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.184 min Scan# 4103
Delta R.T. -0.003 min
Lab File: BM049022.D
Acq: 17 Dec 2024 15:14

Tgt Ion:228 Resp: 19783
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 20.0 16.0 24.0

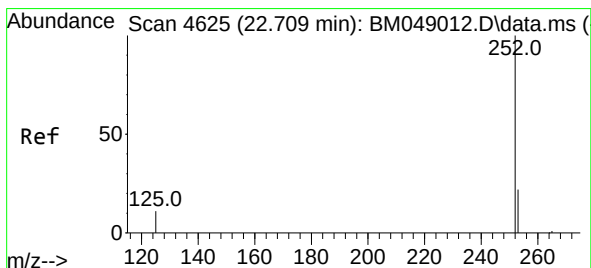
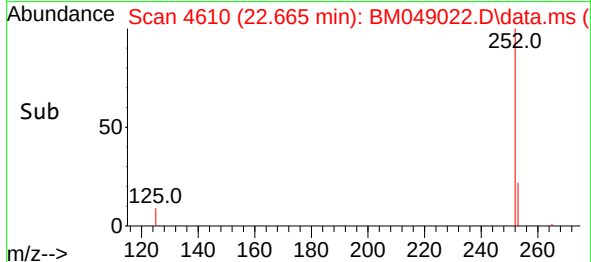
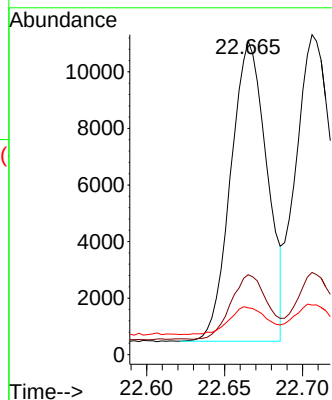
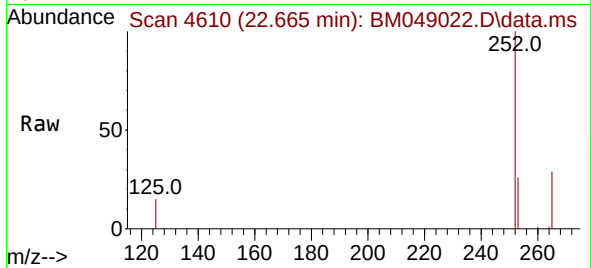




#24
Benzo(b)fluoranthene
Concen: 0.391 ng/ul
RT: 22.665 min Scan# 4610
Delta R.T. -0.000 min
Lab File: BM049022.D
Acq: 17 Dec 2024 15:14

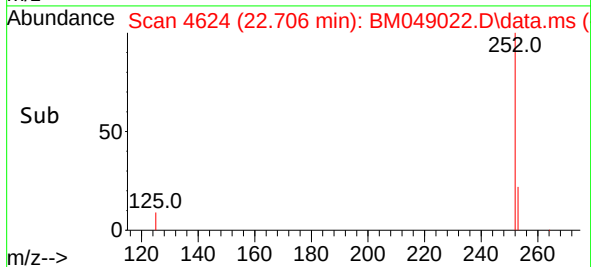
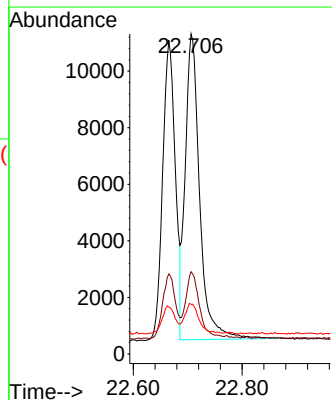
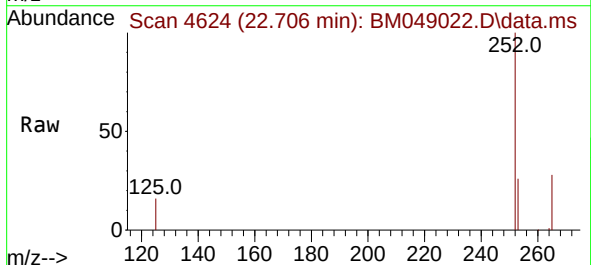
Instrument :
BNA_M
ClientSampleId :
SLCS611

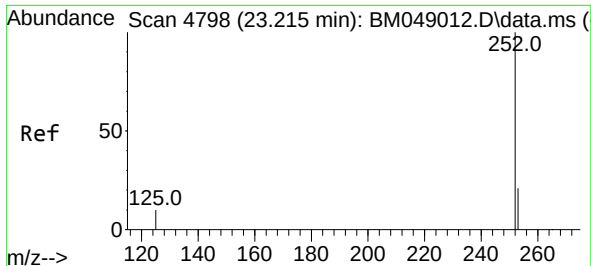
Tgt Ion:252 Resp: 17118
Ion Ratio Lower Upper
252 100
253 25.5 0.0 51.0
125 15.0 0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 0.393 ng/ul
RT: 22.706 min Scan# 4624
Delta R.T. -0.003 min
Lab File: BM049022.D
Acq: 17 Dec 2024 15:14

Tgt Ion:252 Resp: 19896
Ion Ratio Lower Upper
252 100
253 25.7 20.5 30.7
125 15.5 17.3 25.9#

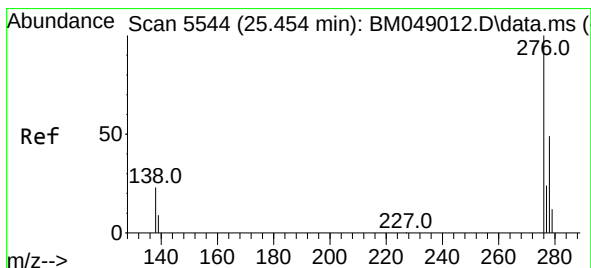
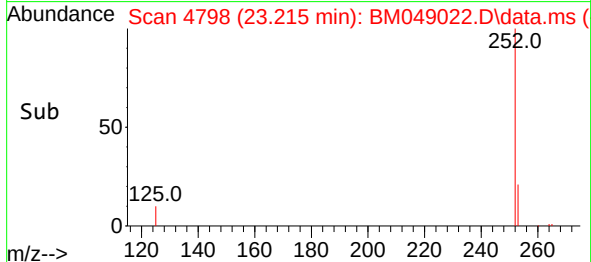
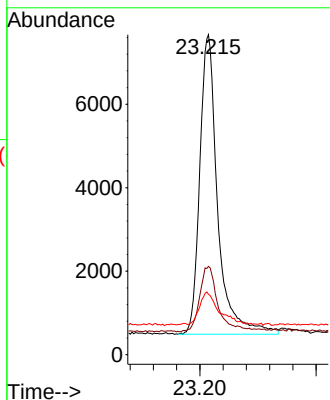
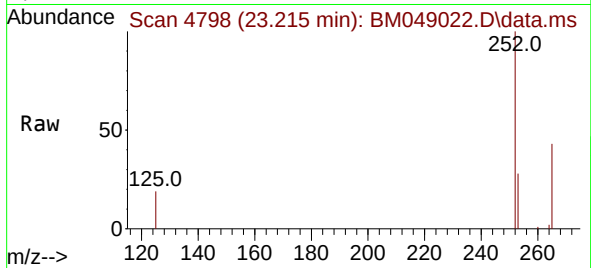




#26
Benzo(a)pyrene
Concen: 0.380 ng/ul
RT: 23.215 min Scan# 4798
Delta R.T. -0.001 min
Lab File: BM049022.D
Acq: 17 Dec 2024 15:14

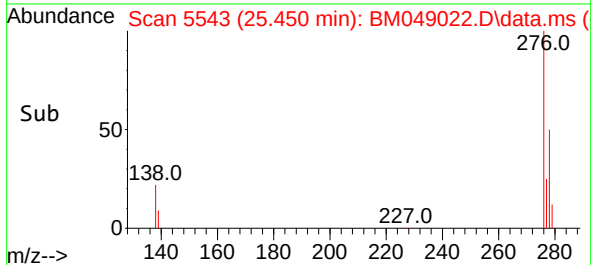
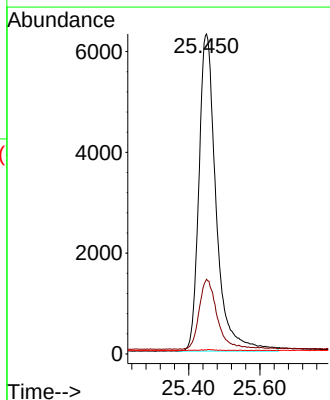
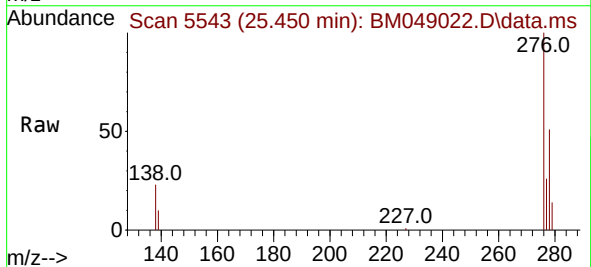
Instrument :
BNA_M
ClientSampleId :
SLCS611

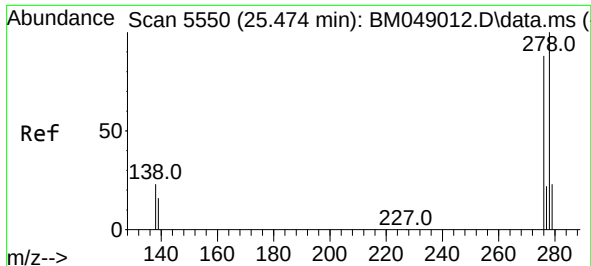
Tgt Ion:	252	Resp:	15347
Ion Ratio	Lower	Upper	
252	100		
253	27.6	21.8	32.8
125	18.9	18.6	27.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng/ul
RT: 25.450 min Scan# 5543
Delta R.T. -0.004 min
Lab File: BM049022.D
Acq: 17 Dec 2024 15:14

Tgt Ion:	276	Resp:	21124
Ion Ratio	Lower	Upper	
276	100		
138	23.1	22.1	33.1
227	0.1	0.2	0.2

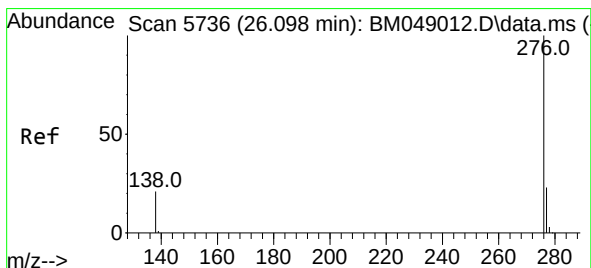
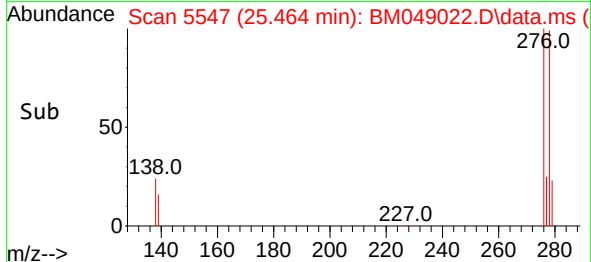
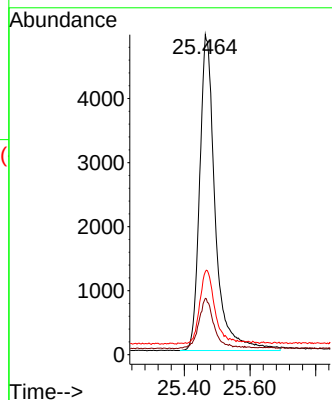
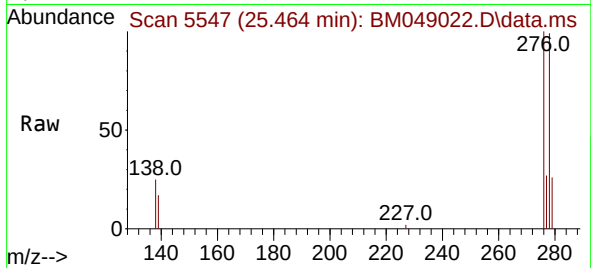




#28
Dibenzo(a,h)anthracene
Concen: 0.368 ng/ul
RT: 25.464 min Scan# 51
Delta R.T. -0.011 min
Lab File: BM049022.D
Acq: 17 Dec 2024 15:14

Instrument :
BNA_M
ClientSampleId :
SLCS611

Tgt Ion:278 Resp: 16246
Ion Ratio Lower Upper
278 100
139 17.6 17.4 26.0
279 25.9 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 26.097 min Scan# 5736
Delta R.T. -0.001 min
Lab File: BM049022.D
Acq: 17 Dec 2024 15:14

Tgt Ion:276 Resp: 17212
Ion Ratio Lower Upper
276 100
138 21.3 19.8 29.6
277 24.5 19.6 29.4

