

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121624\
 Data File : BM049008.D
 Acq On : 16 Dec 2024 17:09
 Operator : RC/JU
 Sample : PB165611BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS611

Quant Time: Dec 16 17:38:16 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 : Mon Dec 09 17:52:26 2024
 Response via : Initial Calibration

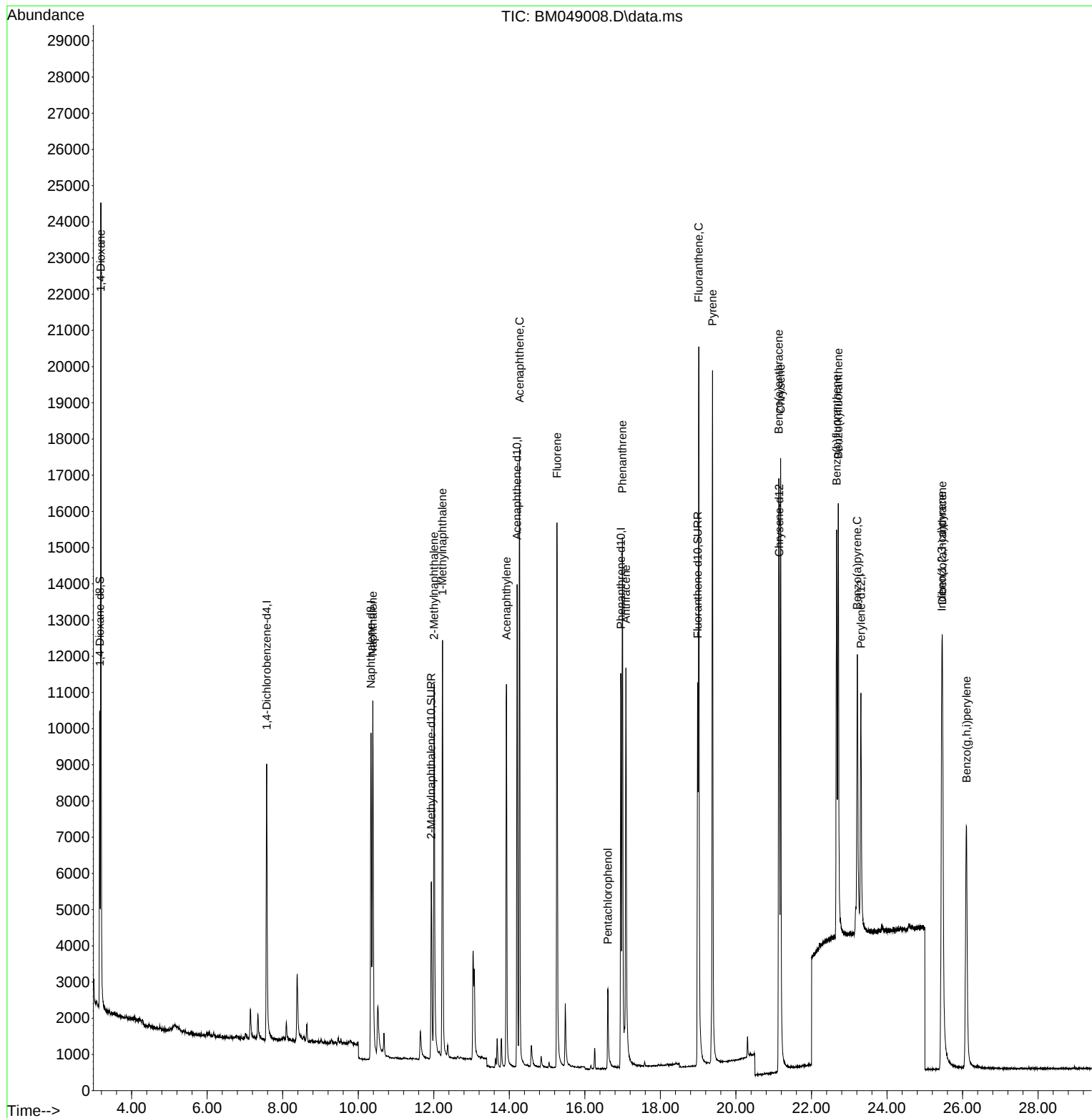
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.577	152	4912	0.400	ng/ul	0.00
4) Naphthalene-d8	10.337	136	13953	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.206	164	7552	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.951	188	14618	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.149	240	9426	0.400	ng/ul	-0.02
23) Perylene-d12	23.308	264	9273	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	4558	0.794	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.932	152	8248	0.464	ng/ul	-0.02
18) Fluoranthene-d10	18.988	212	14748	0.524	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.185	88	13262	1.996	ng/ul#	80
5) Naphthalene	10.387	128	14880	0.416	ng/ul	99
7) 2-Methylnaphthalene	12.009	142	9169	0.420	ng/ul	100
8) 1-Methylnaphthalene	12.229	142	9337	0.420	ng/ul	99
10) Acenaphthylene	13.924	152	13205	0.414	ng/ul	99
11) Acenaphthene	14.271	153	10115	0.419	ng/ul	99
12) Fluorene	15.261	166	11311	0.422	ng/ul	98
14) Pentachlorophenol	16.609	266	2164	0.719	ng/ul	96
15) Phenanthrene	16.993	178	17056	0.426	ng/ul	99
16) Anthracene	17.086	178	15357	0.430	ng/ul	99
19) Fluoranthene	19.016	202	18470	0.472	ng/ul	97
20) Pyrene	19.378	202	18755	0.445	ng/ul	99
21) Benzo(a)anthracene	21.134	228	13576	0.409	ng/ul	98
22) Chrysene	21.184	228	16895	0.450	ng/ul	99
24) Benzo(b)fluoranthene	22.665	252	14567	0.455	ng/ul	98
25) Benzo(k)fluoranthene	22.709	252	17387	0.469	ng/ul#	95
26) Benzo(a)pyrene	23.212	252	13348	0.450	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.450	276	18304	0.440	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.467	278	14078	0.435	ng/ul	96
29) Benzo(g,h,i)perylene	26.104	276	14995	0.448	ng/ul	97

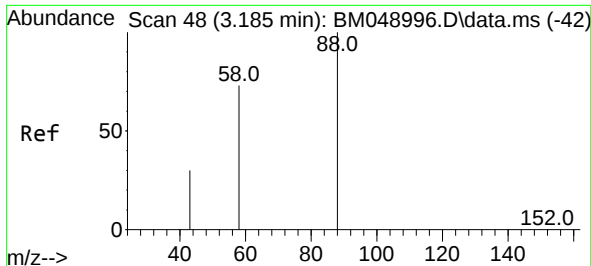
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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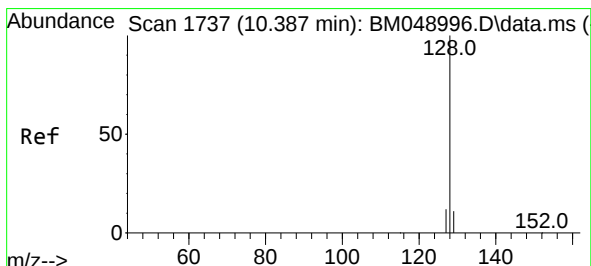
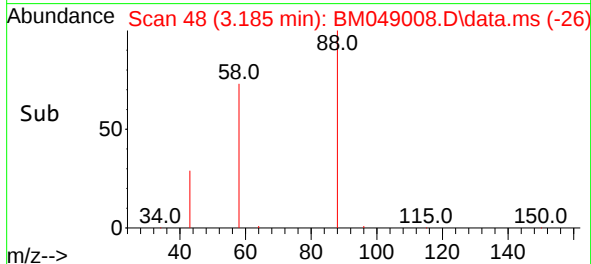
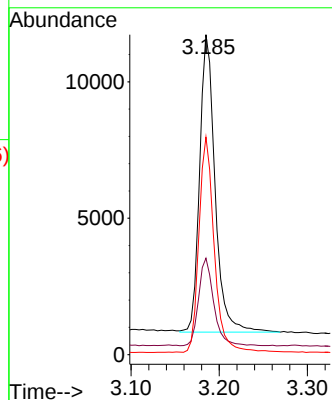
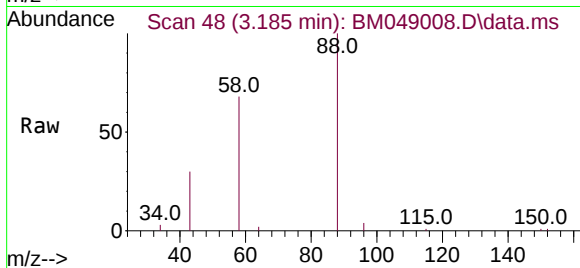




#2
1,4-Dioxane
Concen: 1.996 ng/ul
RT: 3.185 min Scan# 48
Delta R.T. -0.008 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

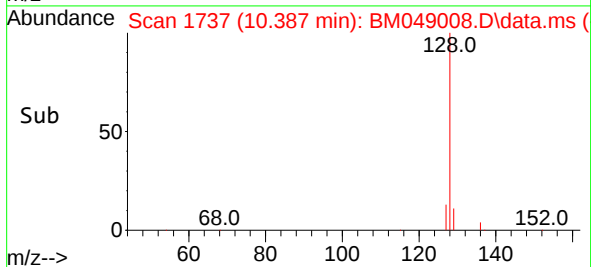
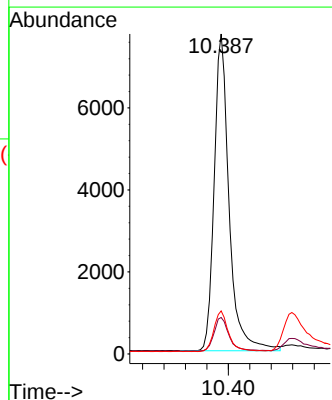
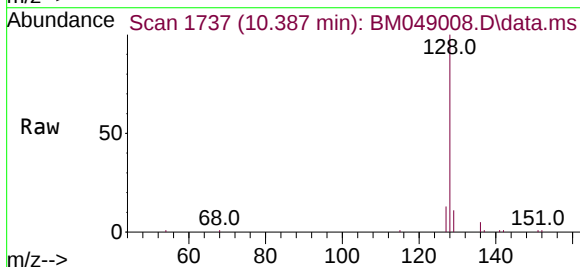
Instrument :
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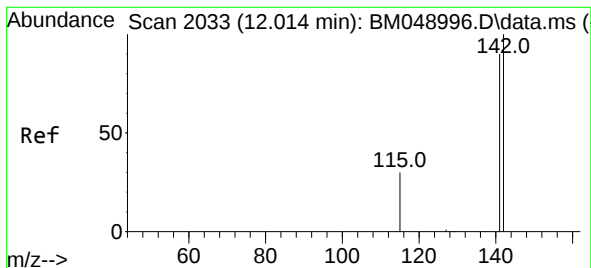
Tgt Ion: 88 Resp: 13262
Ion Ratio Lower Upper
88 100
43 30.2 32.3 48.5#
58 68.0 42.0 63.0#



#5
Naphthalene
Concen: 0.416 ng/ul
RT: 10.387 min Scan# 1737
Delta R.T. -0.015 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

Tgt Ion: 128 Resp: 14880
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.4 10.6 16.0

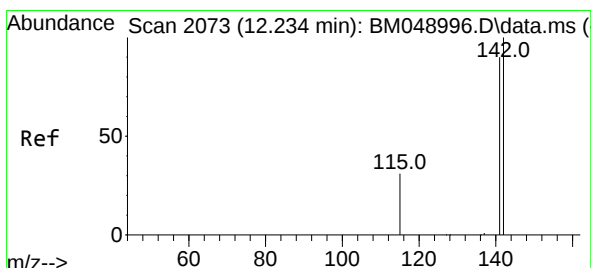
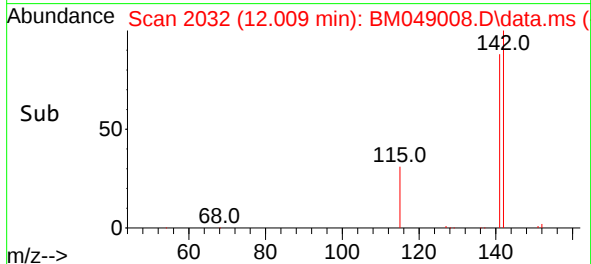
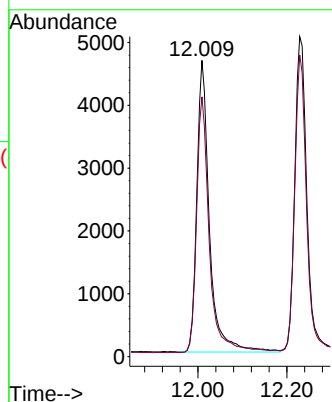
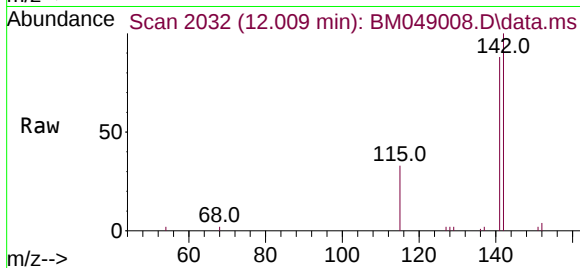




#7
2-Methylnaphthalene
Concen: 0.420 ng/ul
RT: 12.009 min Scan# 2032
Delta R.T. -0.015 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

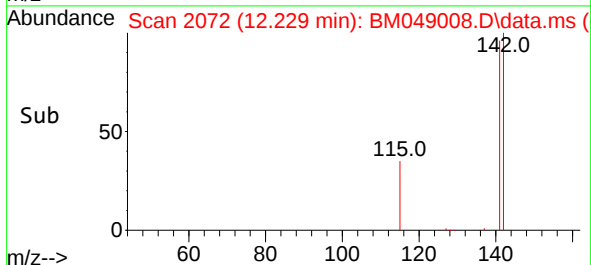
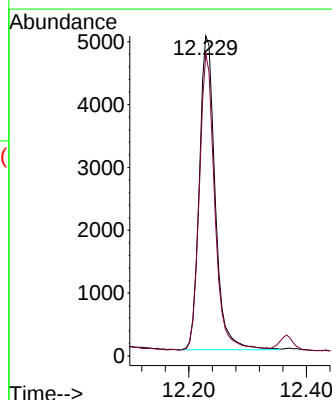
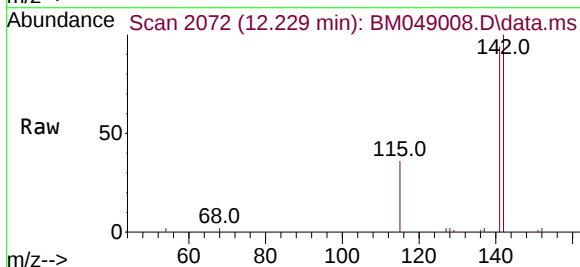
Instrument :
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ClientSampleId :
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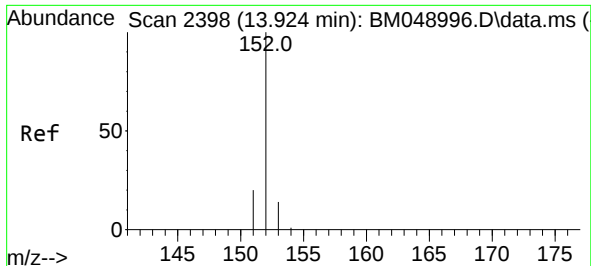
Tgt Ion:142 Resp: 9169
Ion Ratio Lower Upper
142 100
141 89.3 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.420 ng/ul
RT: 12.229 min Scan# 2072
Delta R.T. -0.015 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

Tgt Ion:142 Resp: 9337
Ion Ratio Lower Upper
142 100
141 92.3 72.8 109.2

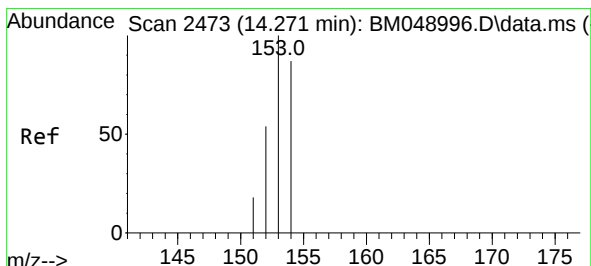
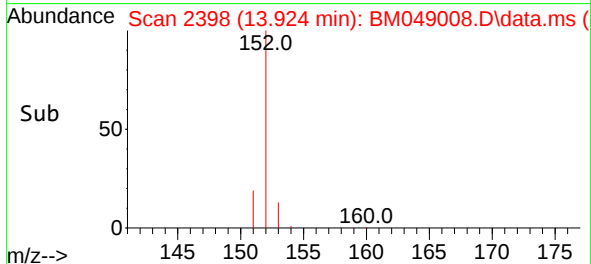
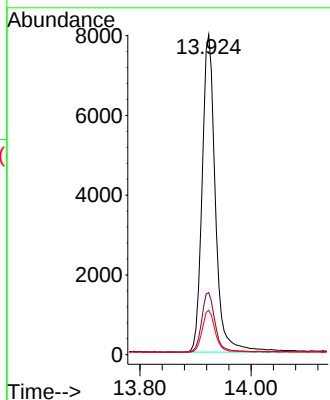
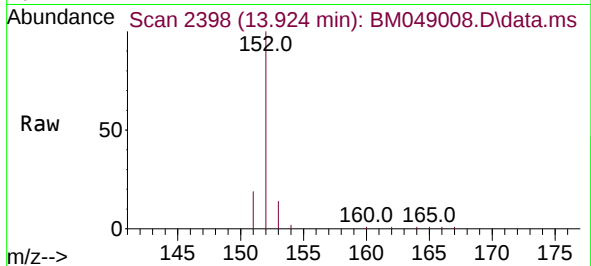




#10
Acenaphthylene
Concen: 0.414 ng/ul
RT: 13.924 min Scan# 21
Delta R.T. -0.013 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

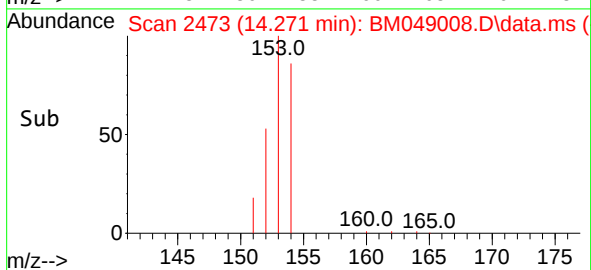
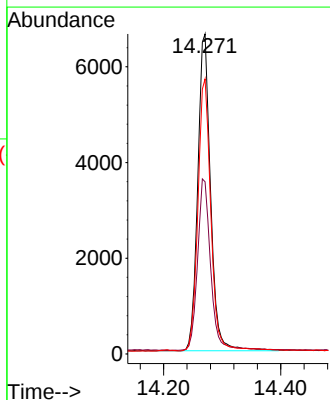
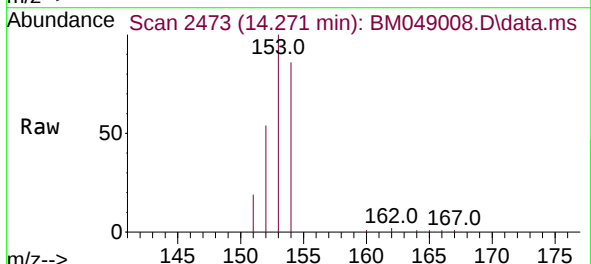
Instrument :
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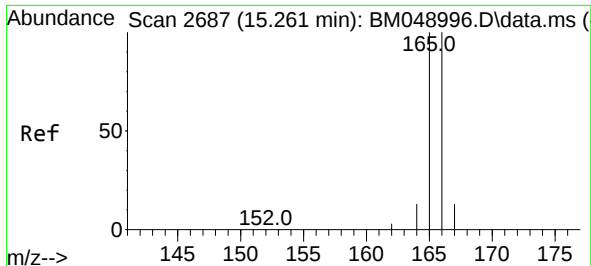
Tgt Ion:	152	Resp:	13205
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.3	24.5
153	13.8	11.2	16.8



#11
Acenaphthene
Concen: 0.419 ng/ul
RT: 14.271 min Scan# 2473
Delta R.T. -0.013 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

Tgt Ion:	153	Resp:	10115
Ion Ratio	Lower	Upper	
153	100		
152	53.8	43.5	65.3
154	85.9	69.5	104.3

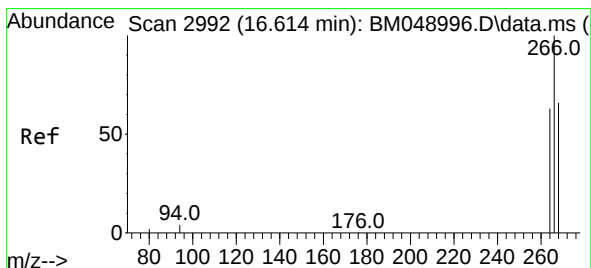
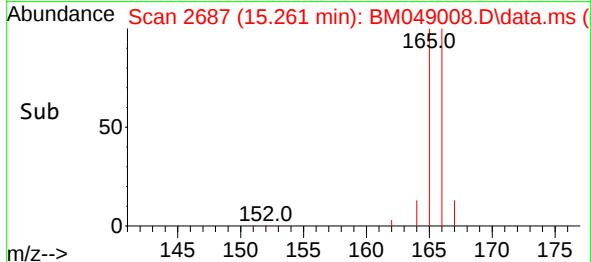
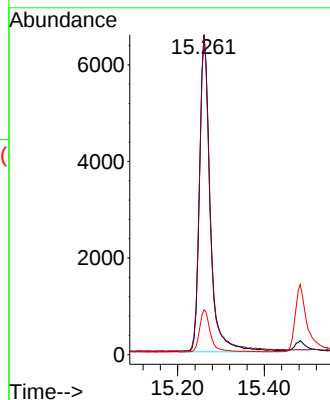
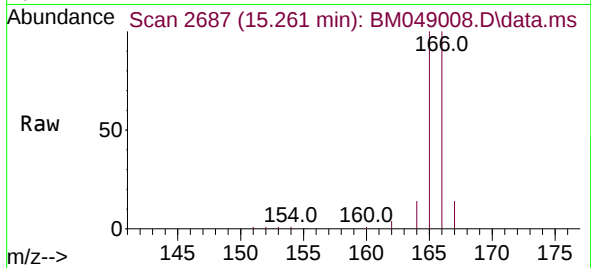




#12
Fluorene
Concen: 0.422 ng/ul
RT: 15.261 min Scan# 2091
Delta R.T. -0.017 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

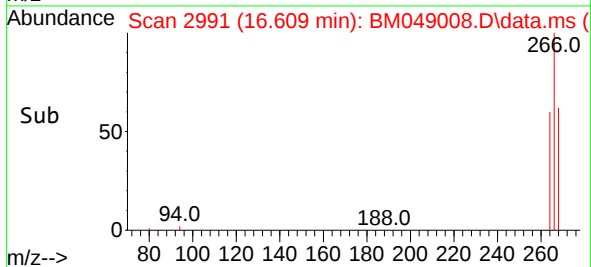
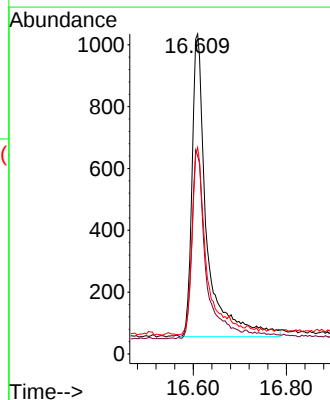
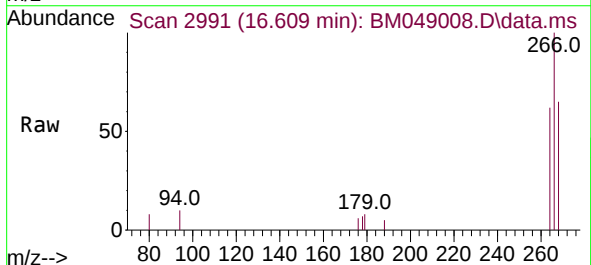
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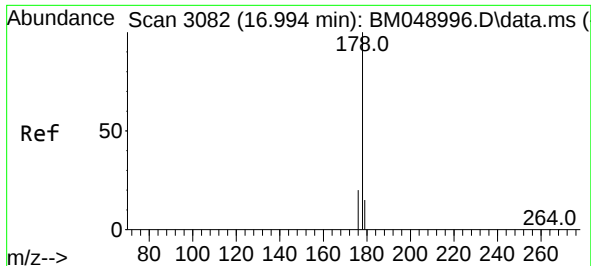
Tgt Ion:166 Resp: 11311
Ion Ratio Lower Upper
166 100
165 100.0 78.1 117.1
167 14.0 11.6 17.4



#14
Pentachlorophenol
Concen: 0.719 ng/ul
RT: 16.609 min Scan# 2991
Delta R.T. -0.016 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

Tgt Ion:266 Resp: 2164
Ion Ratio Lower Upper
266 100
264 58.7 47.9 71.9
268 63.1 55.0 82.6

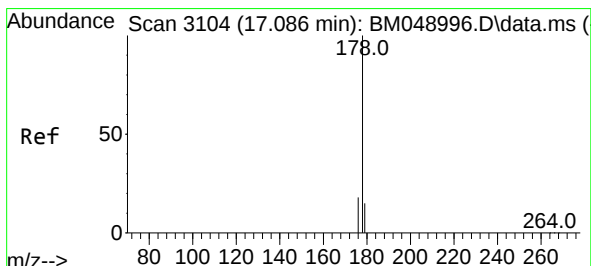
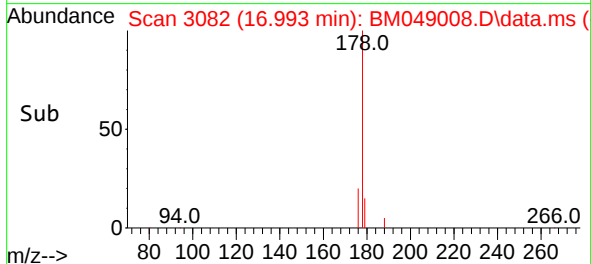
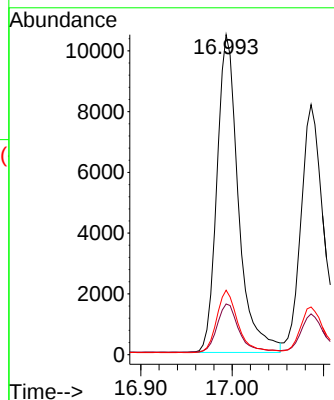
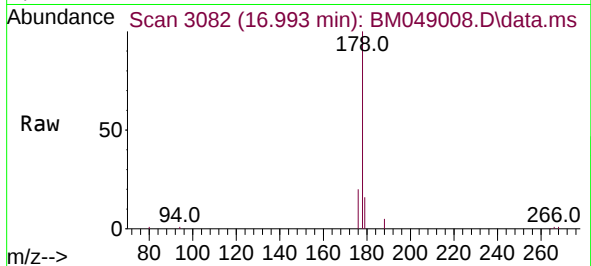




#15
Phenanthrene
Concen: 0.426 ng/ul
RT: 16.993 min Scan# 3082
Delta R.T. -0.016 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

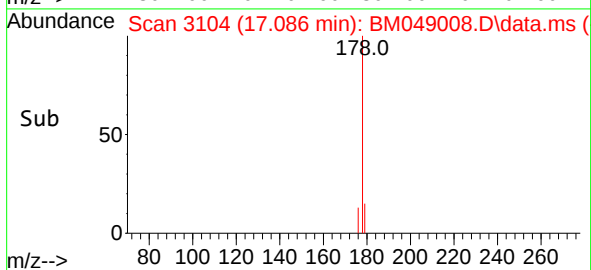
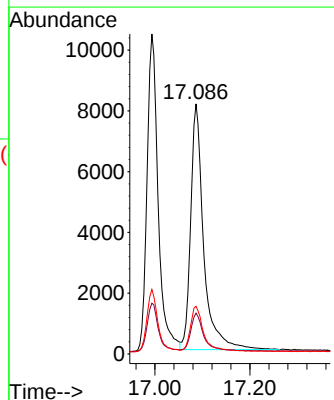
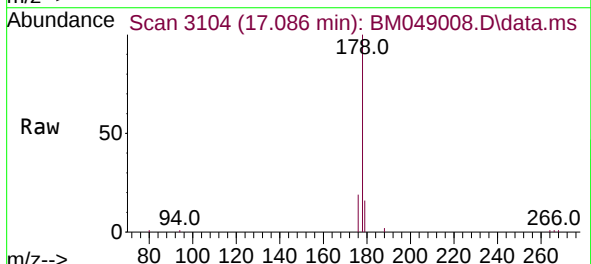
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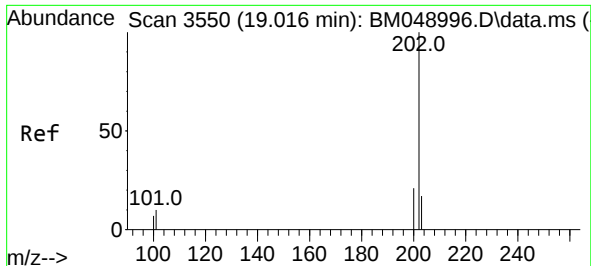
Tgt Ion:178 Resp: 17056
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 20.2 15.8 23.8



#16
Anthracene
Concen: 0.430 ng/ul
RT: 17.086 min Scan# 3104
Delta R.T. -0.016 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

Tgt Ion:178 Resp: 15357
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 19.1 15.0 22.6

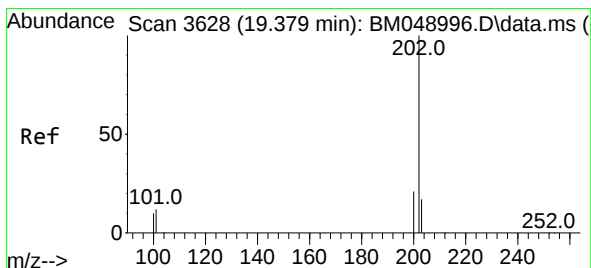
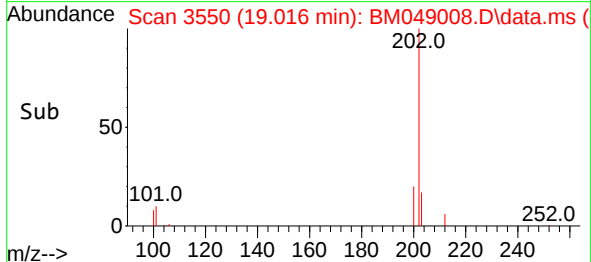
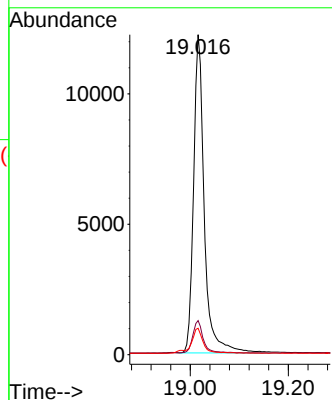
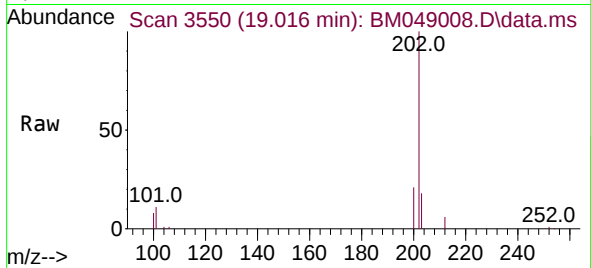




#19
Fluoranthene
Concen: 0.472 ng/ul
RT: 19.016 min Scan# 3550
Delta R.T. -0.017 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

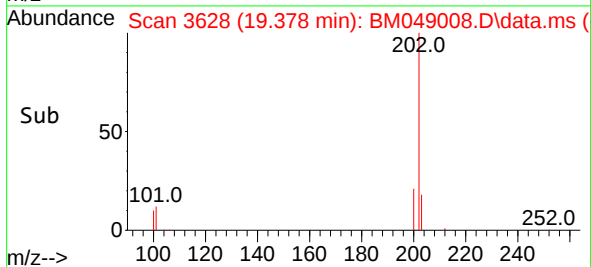
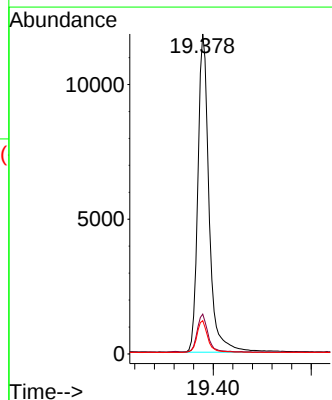
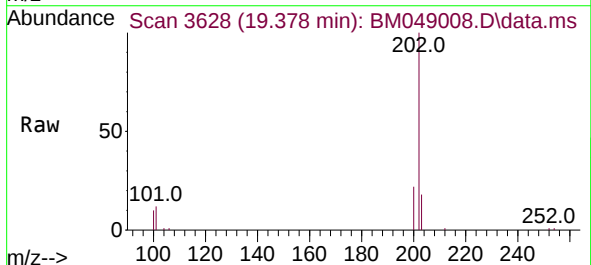
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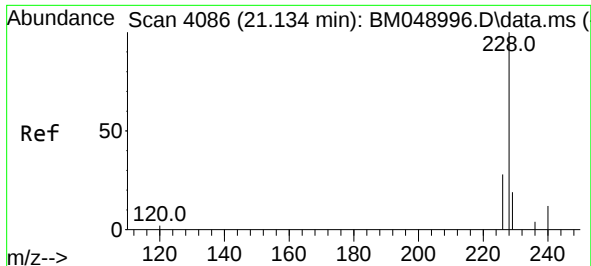
Tgt Ion:202 Resp: 18470
Ion Ratio Lower Upper
202 100
101 10.7 9.7 14.5
100 8.2 7.3 10.9



#20
Pyrene
Concen: 0.445 ng/ul
RT: 19.378 min Scan# 3628
Delta R.T. -0.017 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

Tgt Ion:202 Resp: 18755
Ion Ratio Lower Upper
202 100
101 12.4 10.6 16.0
100 10.4 8.4 12.6

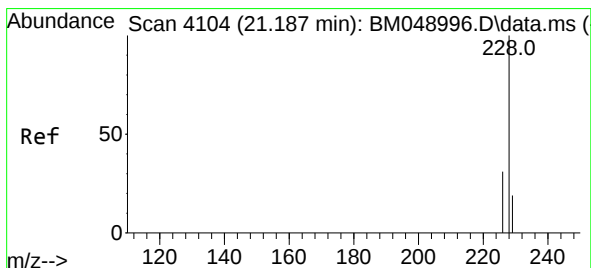
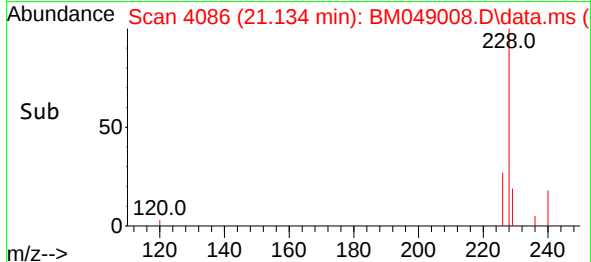
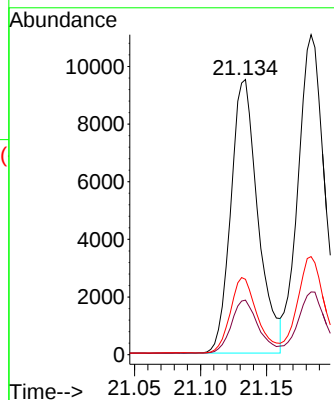
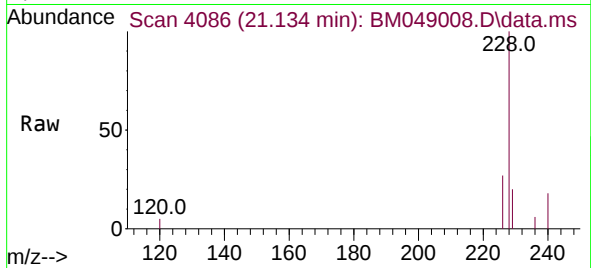




#21
Benzo(a)anthracene
Concen: 0.409 ng/ul
RT: 21.134 min Scan# 4086
Delta R.T. -0.015 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

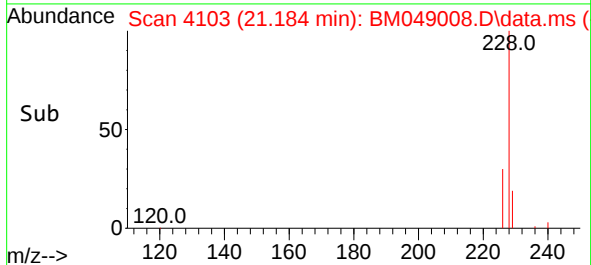
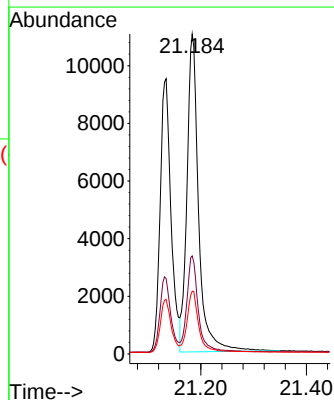
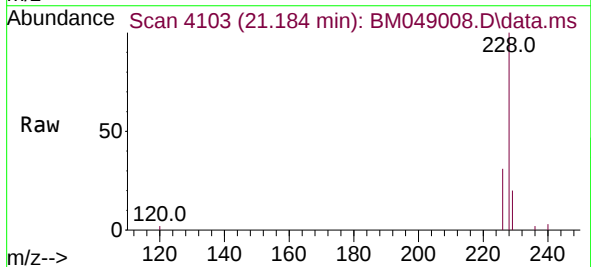
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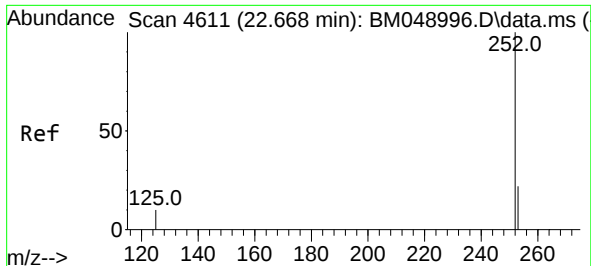
Tgt Ion:228 Resp: 13576
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.4 23.0 34.4



#22
Chrysene
Concen: 0.450 ng/ul
RT: 21.184 min Scan# 4103
Delta R.T. -0.015 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

Tgt Ion:228 Resp: 16895
Ion Ratio Lower Upper
228 100
226 30.6 24.8 37.2
229 19.6 16.0 24.0

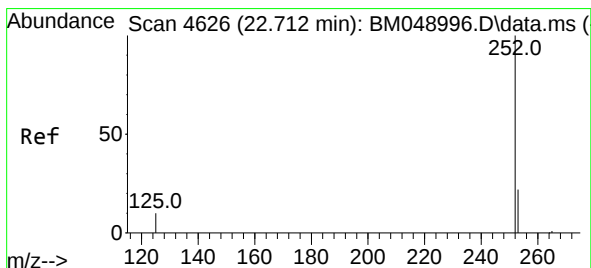
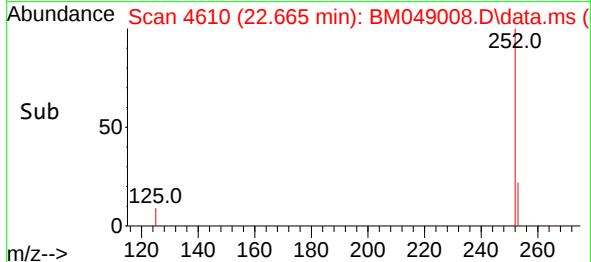
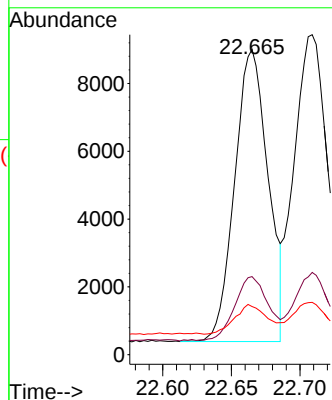
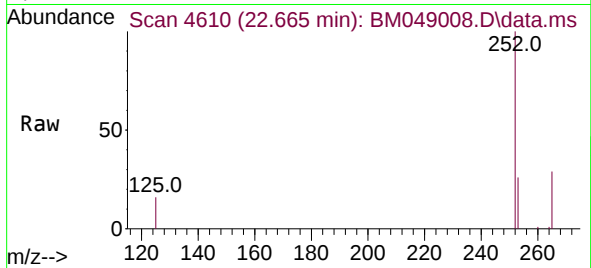




#24
Benzo(b)fluoranthene
Concen: 0.455 ng/ul
RT: 22.665 min Scan# 4610
Delta R.T. -0.024 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

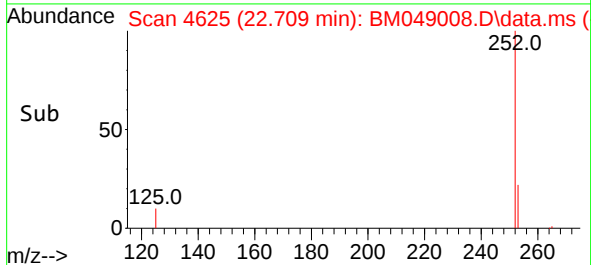
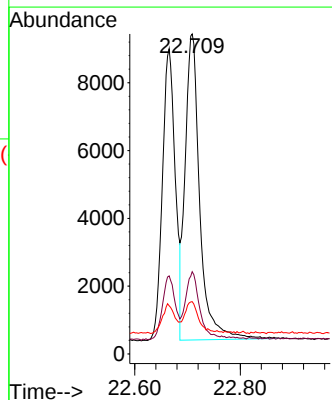
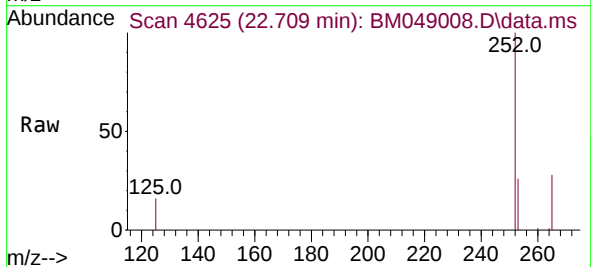
Instrument :
BNA_M
ClientSampleId :
SLCS611

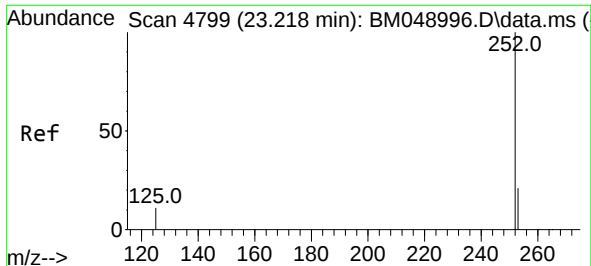
Tgt Ion:252 Resp: 14567
Ion Ratio Lower Upper
252 100
253 25.6 0.0 51.0
125 15.8 0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 0.469 ng/ul
RT: 22.709 min Scan# 4625
Delta R.T. -0.024 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

Tgt Ion:252 Resp: 17387
Ion Ratio Lower Upper
252 100
253 25.7 20.5 30.7
125 16.3 17.3 25.9#

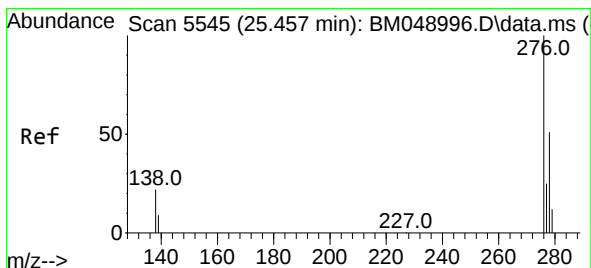
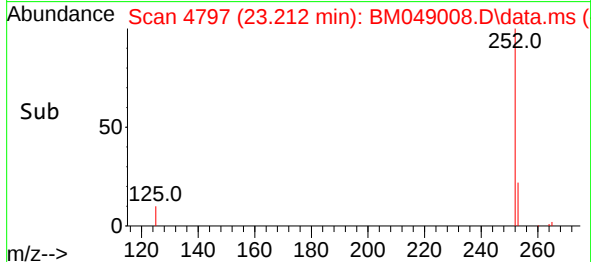
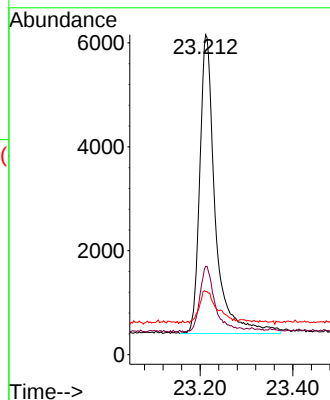
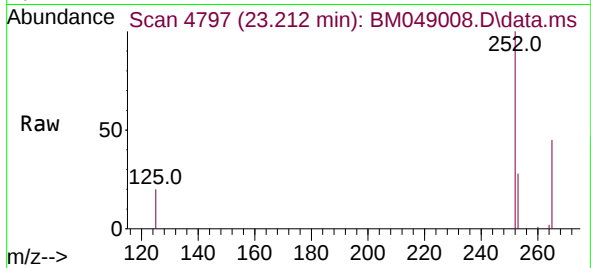




#26
Benzo(a)pyrene
Concen: 0.450 ng/ul
RT: 23.212 min Scan# 41
Delta R.T. -0.030 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

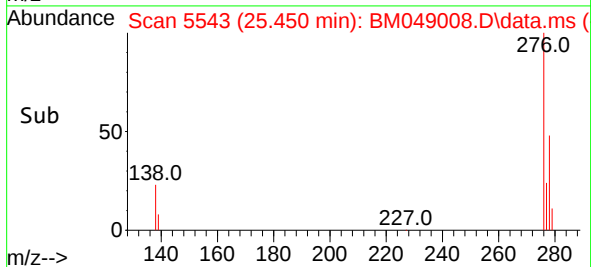
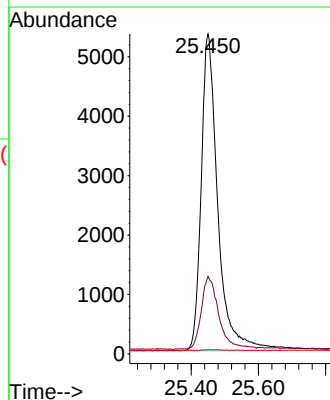
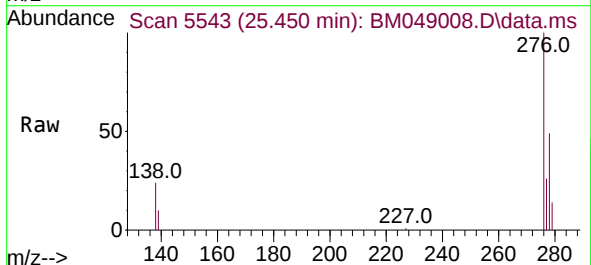
Instrument :
BNA_M
ClientSampleId :
SLCS611

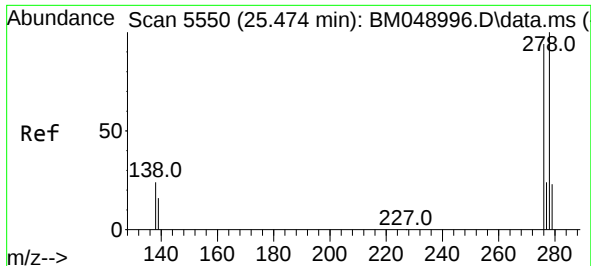
Tgt Ion:252 Resp: 13348
Ion Ratio Lower Upper
252 100
253 27.6 21.8 32.8
125 19.7 18.6 27.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.440 ng/ul
RT: 25.450 min Scan# 5543
Delta R.T. -0.041 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

Tgt Ion:276 Resp: 18304
Ion Ratio Lower Upper
276 100
138 23.9 22.1 33.1
227 0.1 0.2 0.2#

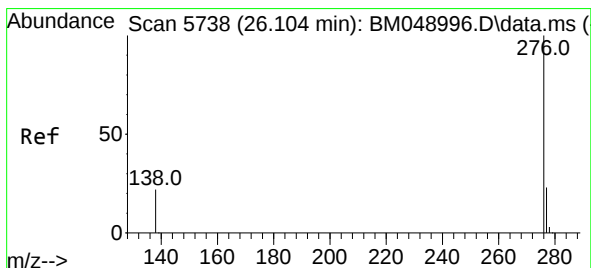
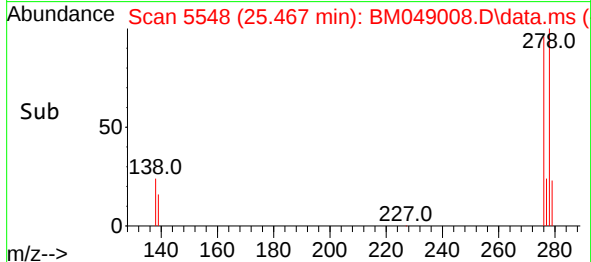
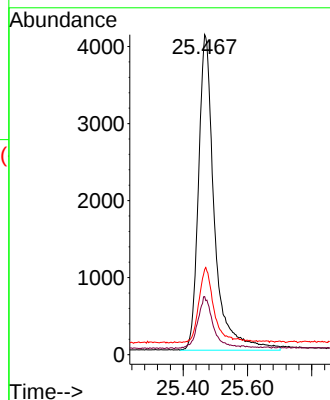
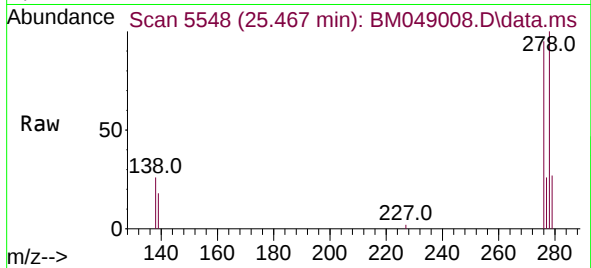




#28
Dibenzo(a,h)anthracene
Concen: 0.435 ng/ul
RT: 25.467 min Scan# 51
Delta R.T. -0.041 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

Instrument :
BNA_M
ClientSampleId :
SLCS611

Tgt Ion:278 Resp: 14078
Ion Ratio Lower Upper
278 100
139 18.2 17.4 26.0
279 26.6 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.448 ng/ul
RT: 26.104 min Scan# 5738
Delta R.T. -0.041 min
Lab File: BM049008.D
Acq: 16 Dec 2024 17:09

Tgt Ion:276 Resp: 14995
Ion Ratio Lower Upper
276 100
138 22.1 19.8 29.6
277 24.7 19.6 29.4

