

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092524\
 Data File : BM047634.D
 Acq On : 25 Sep 2024 20:45
 Operator : RC/JU
 Sample : PB163589BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS589

Quant Time: Sep 26 02:53:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 16:27:08 2024
 Response via : Initial Calibration

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

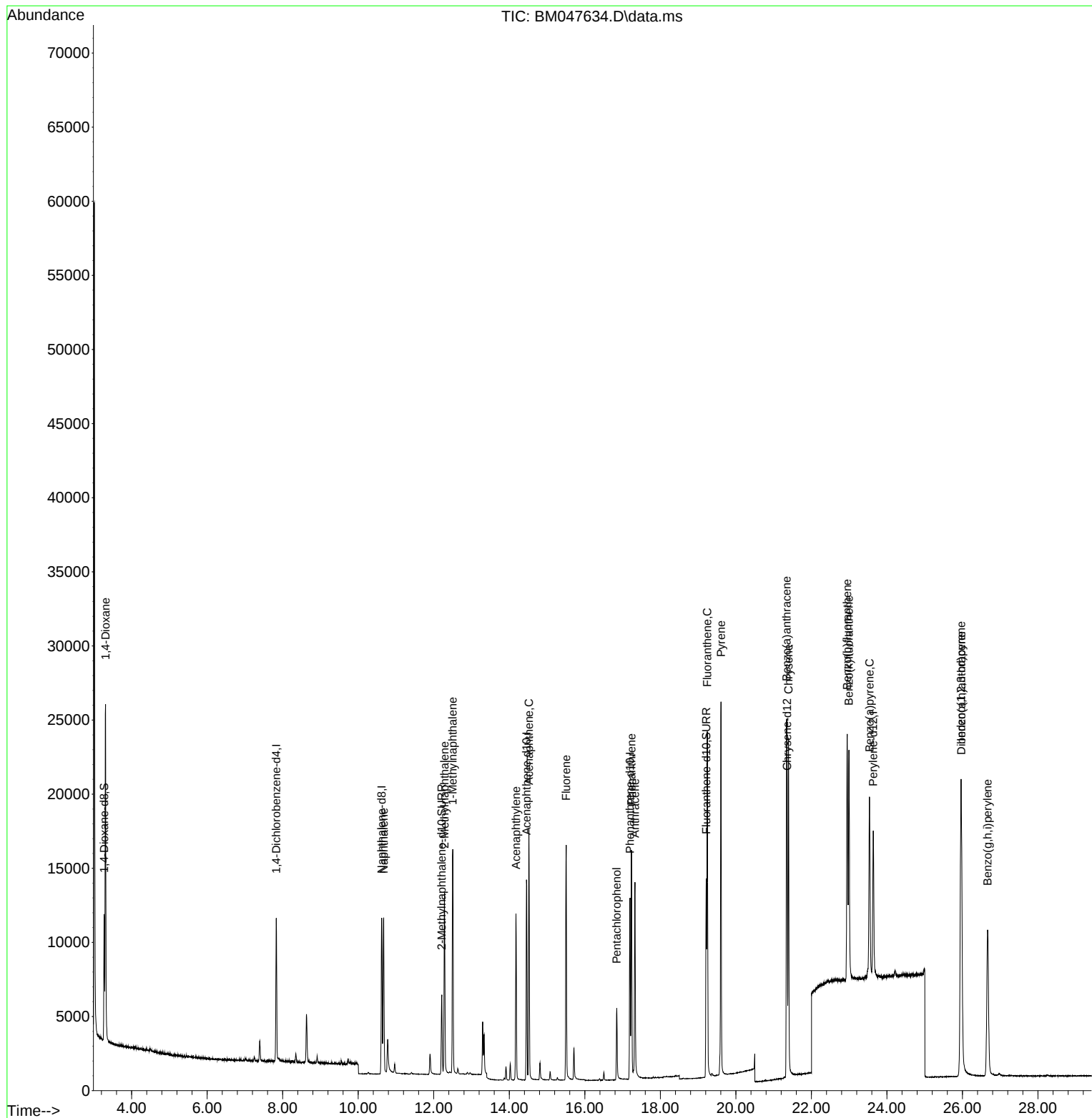
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	5093	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	14578	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.456	164	7404	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	15181	0.400	ng/ul	0.00
17) Chrysene-d12	21.359	240	12858	0.400	ng/ul	0.00
23) Perylene-d12	23.639	264	13855	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	4961	0.758	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	7471	0.384	ng/ul	0.00
18) Fluoranthene-d10	19.216	212	15335	0.389	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.307	88	14497	1.851	ng/ul#	81
5) Naphthalene	10.673	128	15200	0.383	ng/ul	99
7) 2-Methylnaphthalene	12.284	142	8971	0.376	ng/ul	100
8) 1-Methylnaphthalene	12.504	142	10921	0.437	ng/ul	100
10) Acenaphthylene	14.178	152	12801	0.356	ng/ul	99
11) Acenaphthene	14.521	153	9585	0.388	ng/ul	99
12) Fluorene	15.506	166	10399	0.372	ng/ul	100
14) Pentachlorophenol	16.846	266	3396	0.744	ng/ul	99
15) Phenanthrene	17.234	178	16978	0.377	ng/ul	100
16) Anthracene	17.327	178	15026	0.375	ng/ul	99
19) Fluoranthene	19.244	202	20336	0.376	ng/ul	98
20) Pyrene	19.606	202	21674	0.376	ng/ul	99
21) Benzo(a)anthracene	21.341	228	19464	0.358	ng/ul	99
22) Chrysene	21.394	228	20744	0.367	ng/ul	99
24) Benzo(b)fluoranthene	22.949	252	21952	0.364	ng/ul	99
25) Benzo(k)fluoranthene	22.993	252	21964	0.362	ng/ul	99
26) Benzo(a)pyrene	23.536	252	19166	0.403	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.960	276	27200	0.359	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.970	278	20629	0.361	ng/ul	99
29) Benzo(g,h,i)perylene	26.668	276	22197	0.365	ng/ul	99

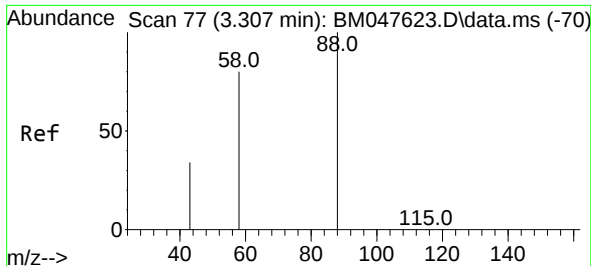
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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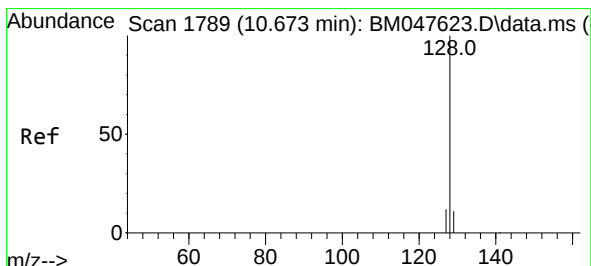
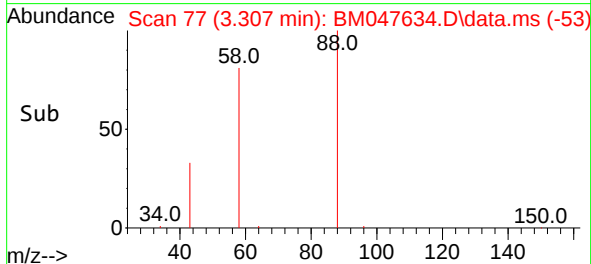
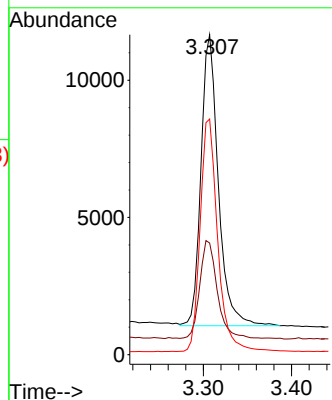
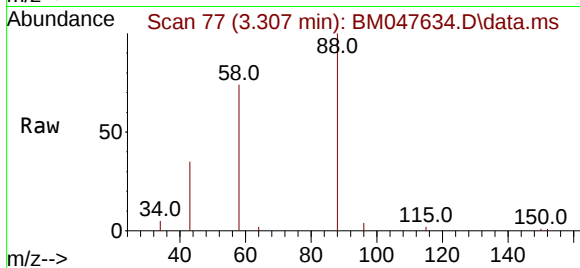




#2
1,4-Dioxane
Concen: 1.851 ng/ul
RT: 3.307 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM047634.D
Acq: 25 Sep 2024 20:45

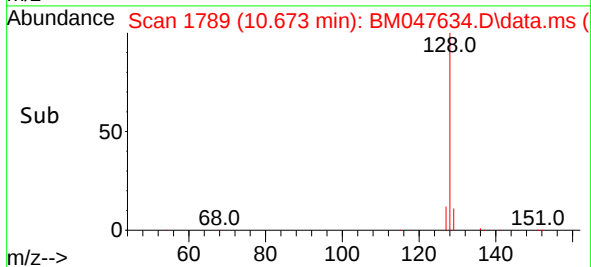
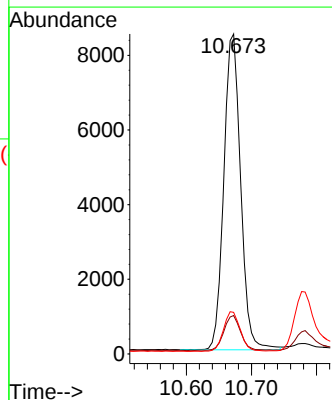
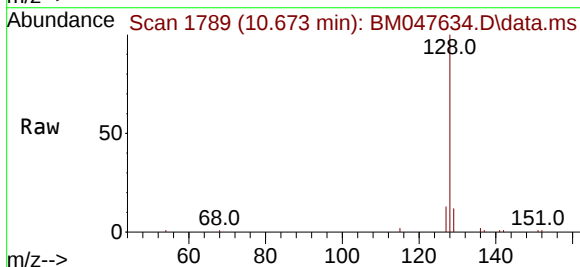
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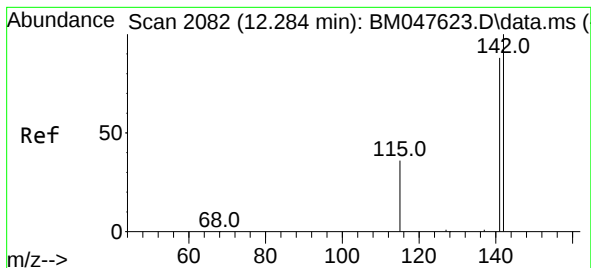
Tgt Ion: 88 Resp: 14497
Ion Ratio Lower Upper
88 100
43 34.9 30.9 46.3
58 73.6 42.5 63.7#



#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.673 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM047634.D
Acq: 25 Sep 2024 20:45

Tgt Ion:128 Resp: 15200
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.0 10.4 15.6

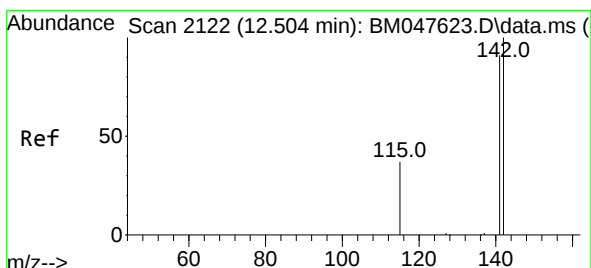
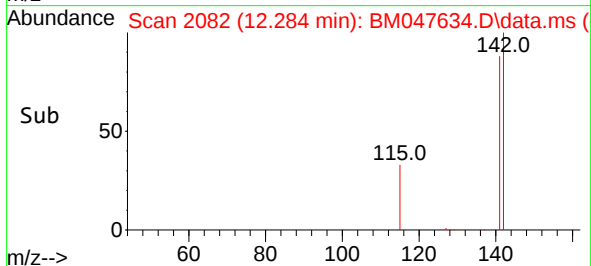
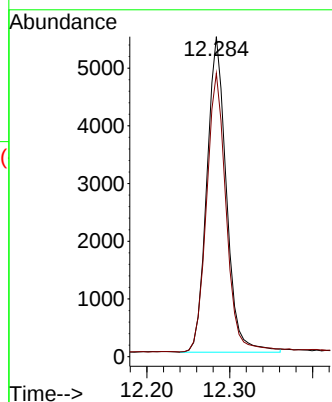
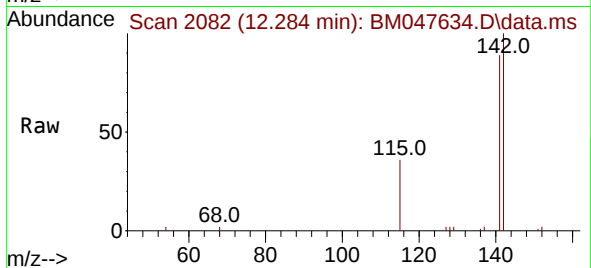




#7
2-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.284 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM047634.D
Acq: 25 Sep 2024 20:45

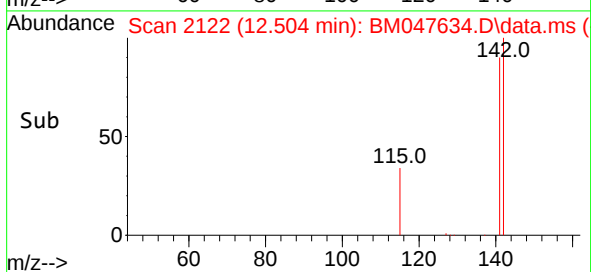
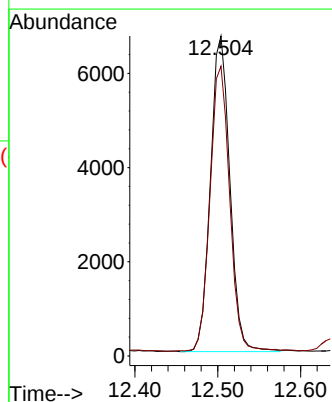
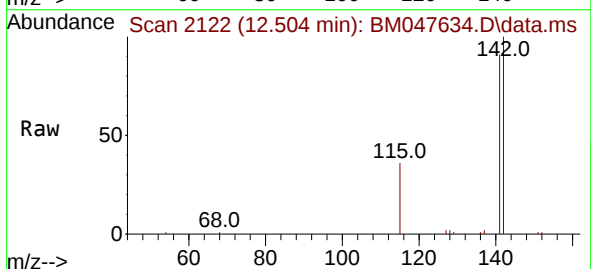
Instrument :
BNA_M
ClientSampleId :
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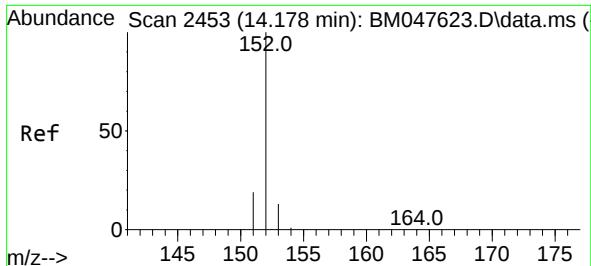
Tgt Ion:142 Resp: 8971
Ion Ratio Lower Upper
142 100
141 88.3 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.437 ng/ul
RT: 12.504 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM047634.D
Acq: 25 Sep 2024 20:45

Tgt Ion:142 Resp: 10921
Ion Ratio Lower Upper
142 100
141 91.0 72.9 109.3

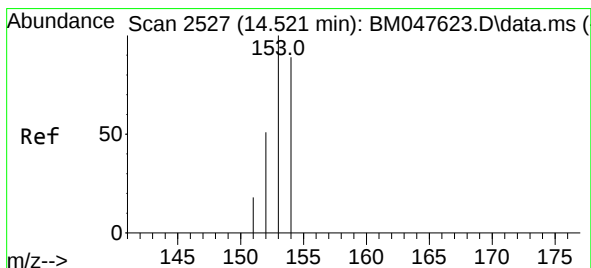
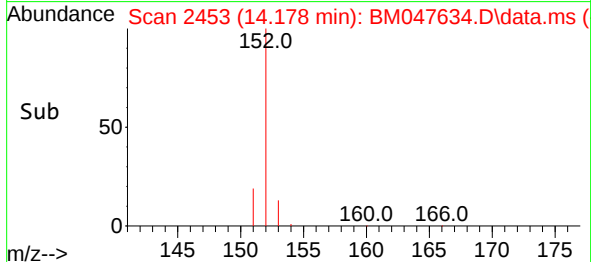
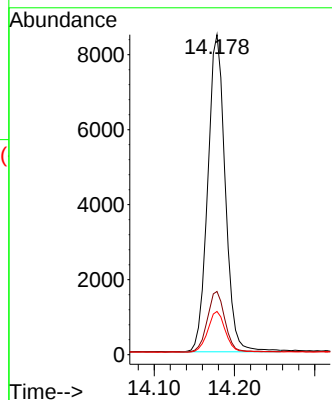
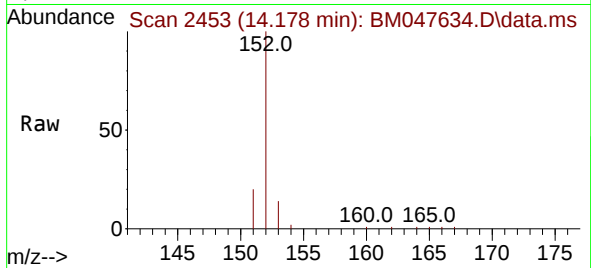




#10
Acenaphthylene
Concen: 0.356 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BM047634.D
Acq: 25 Sep 2024 20:45

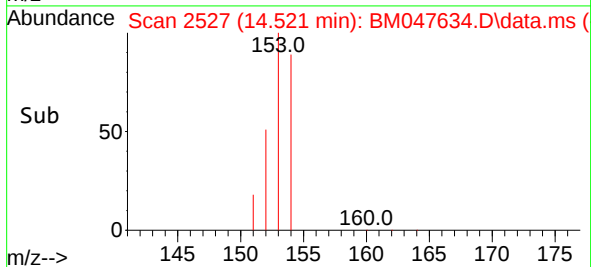
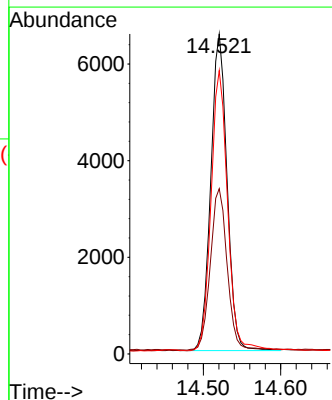
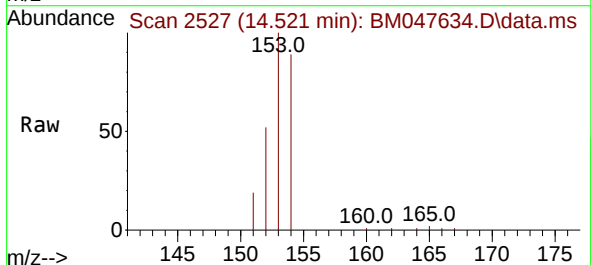
Instrument :
BNA_M
ClientSampleId :
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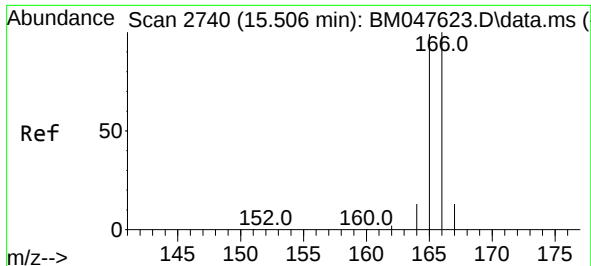
Tgt Ion:152	Resp:	12801
Ion Ratio	Lower	Upper
152	100	
151	19.8	16.1 24.1
153	13.5	10.7 16.1



#11
Acenaphthene
Concen: 0.388 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. -0.000 min
Lab File: BM047634.D
Acq: 25 Sep 2024 20:45

Tgt Ion:153	Resp:	9585
Ion Ratio	Lower	Upper
153	100	
152	51.7	41.7 62.5
154	88.6	71.2 106.8

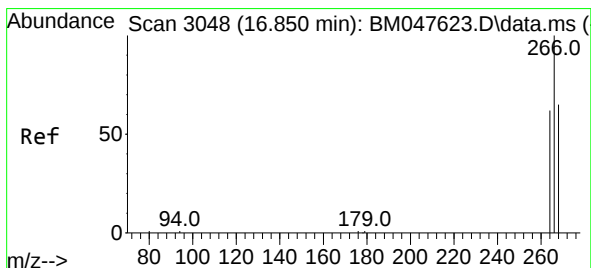
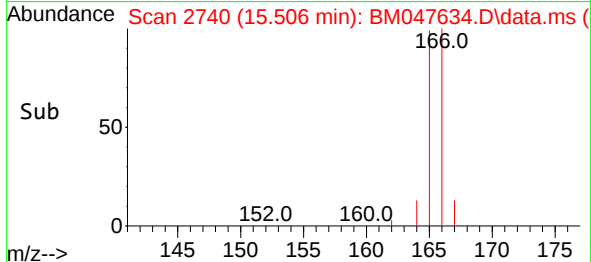
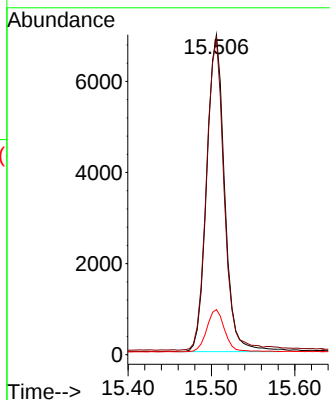
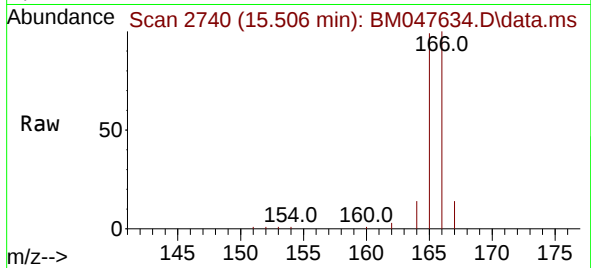




#12
Fluorene
Concen: 0.372 ng/ul
RT: 15.506 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047634.D
Acq: 25 Sep 2024 20:45

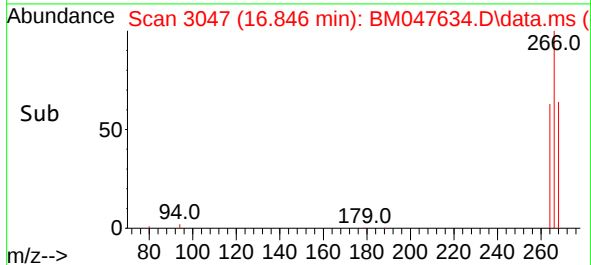
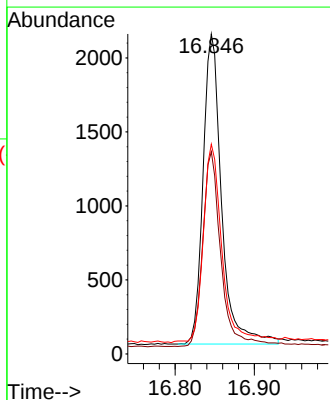
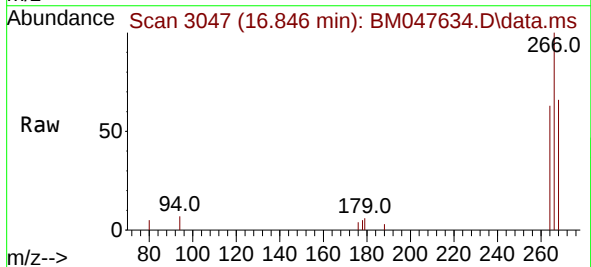
Instrument :
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ClientSampleId :
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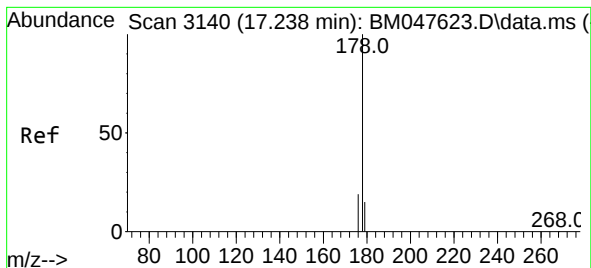
Tgt Ion:166 Resp: 10399
Ion Ratio Lower Upper
166 100
165 99.0 79.4 119.2
167 14.1 11.4 17.0



#14
Pentachlorophenol
Concen: 0.744 ng/ul
RT: 16.846 min Scan# 3047
Delta R.T. -0.004 min
Lab File: BM047634.D
Acq: 25 Sep 2024 20:45

Tgt Ion:266 Resp: 3396
Ion Ratio Lower Upper
266 100
264 61.7 49.8 74.8
268 65.0 51.2 76.8





#15

Phenanthrene

Concen: 0.377 ng/ul

RT: 17.234 min Scan# 31

Delta R.T. -0.004 min

Lab File: BM047634.D

Acq: 25 Sep 2024 20:45

Instrument :

BNA_M

ClientSampleId :

SLCS589

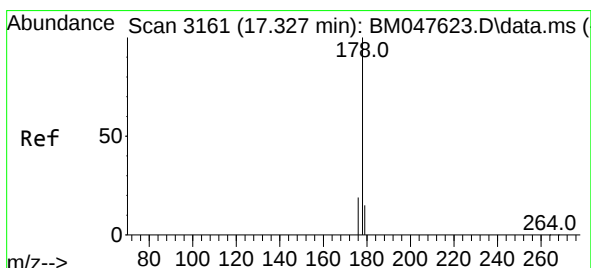
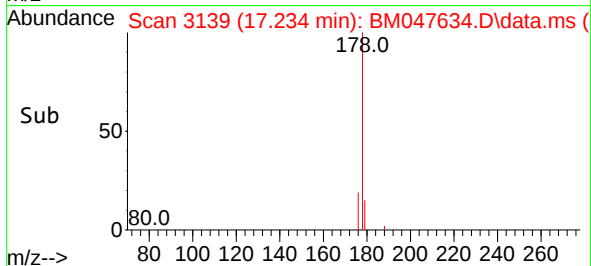
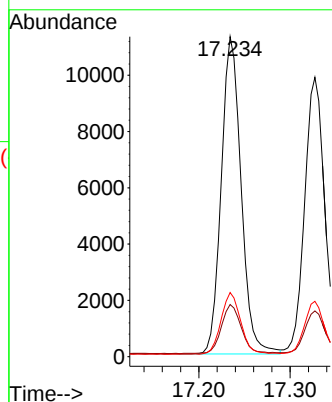
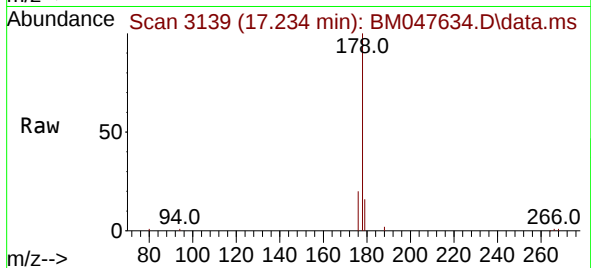
Tgt Ion:178 Resp: 16978

Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.6

176 20.0 15.9 23.9



#16

Anthracene

Concen: 0.375 ng/ul

RT: 17.327 min Scan# 3161

Delta R.T. -0.000 min

Lab File: BM047634.D

Acq: 25 Sep 2024 20:45

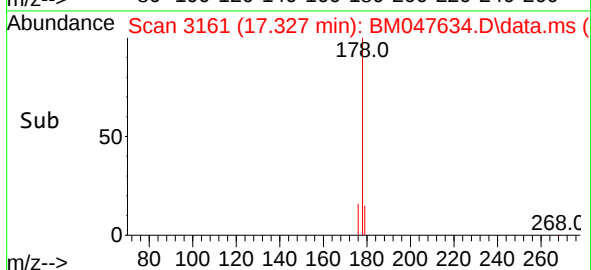
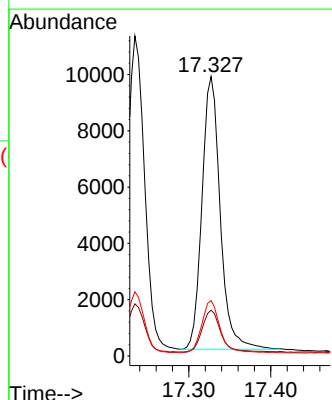
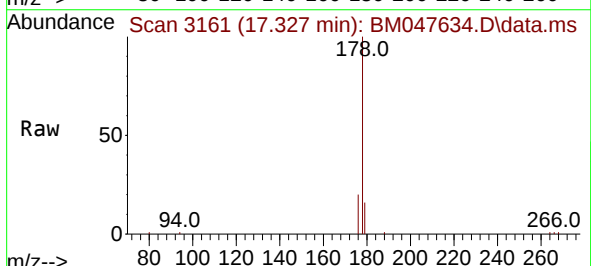
Tgt Ion:178 Resp: 15026

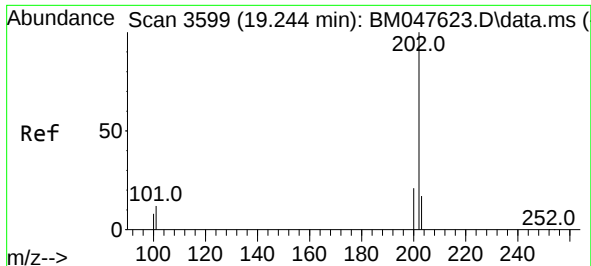
Ion Ratio Lower Upper

178 100

179 16.4 13.0 19.4

176 19.8 15.4 23.2

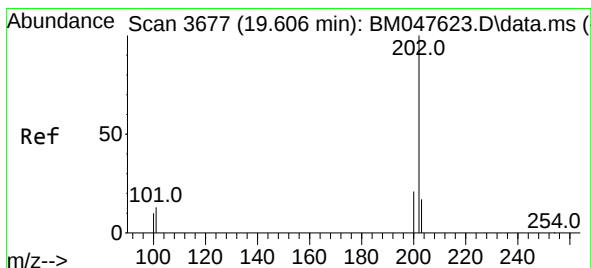
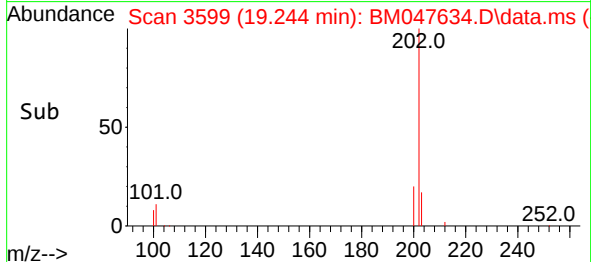
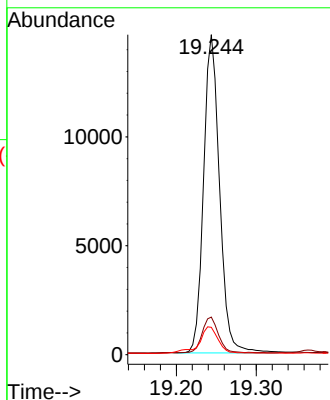
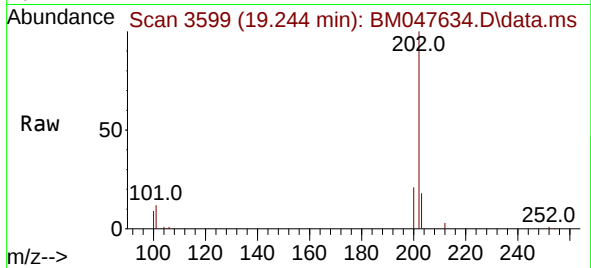




#19
Fluoranthene
Concen: 0.376 ng/ul
RT: 19.244 min Scan# 3599
Delta R.T. -0.000 min
Lab File: BM047634.D
Acq: 25 Sep 2024 20:45

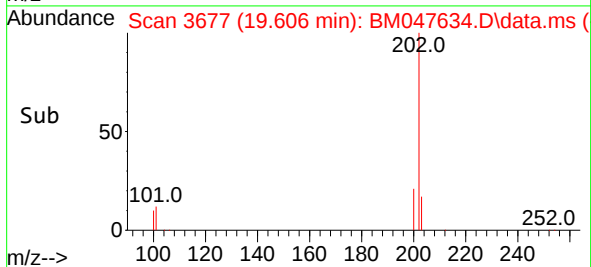
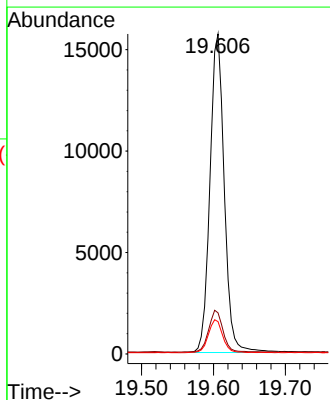
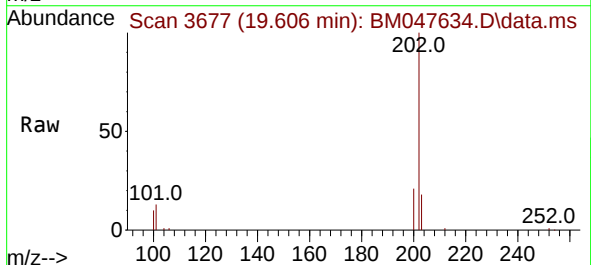
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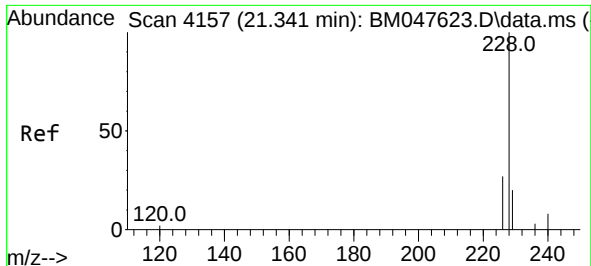
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.6
100	8.5	7.4	11.2



#20
Pyrene
Concen: 0.376 ng/ul
RT: 19.606 min Scan# 3677
Delta R.T. -0.000 min
Lab File: BM047634.D
Acq: 25 Sep 2024 20:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.7	16.1
100	10.1	8.2	12.2

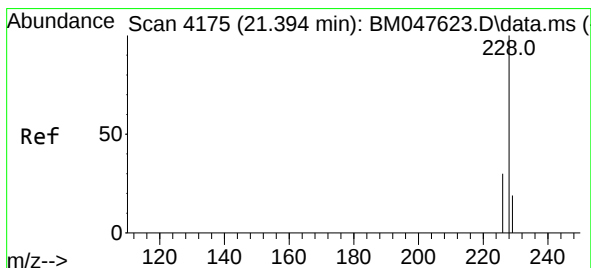
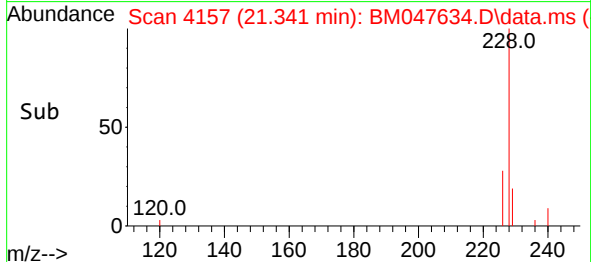
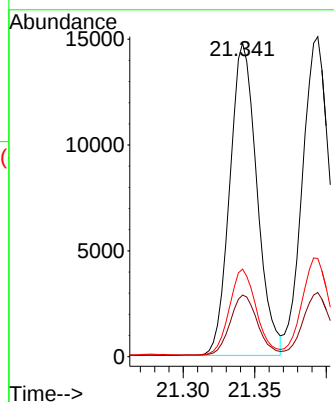
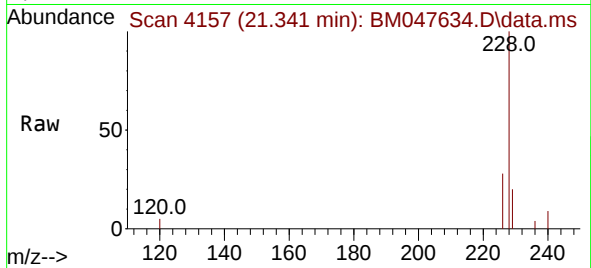




#21
Benzo(a)anthracene
Concen: 0.358 ng/ul
RT: 21.341 min Scan# 4157
Delta R.T. -0.000 min
Lab File: BM047634.D
Acq: 25 Sep 2024 20:45

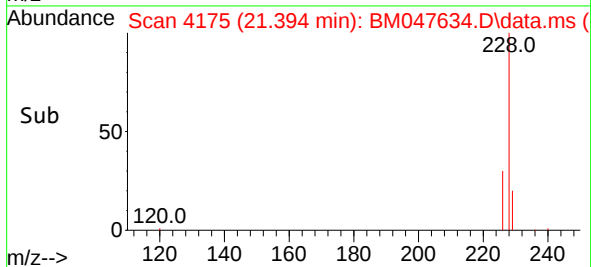
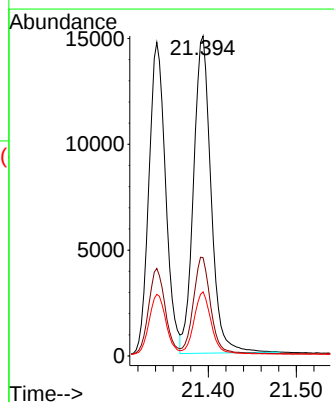
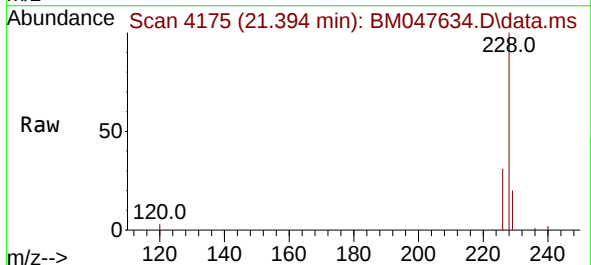
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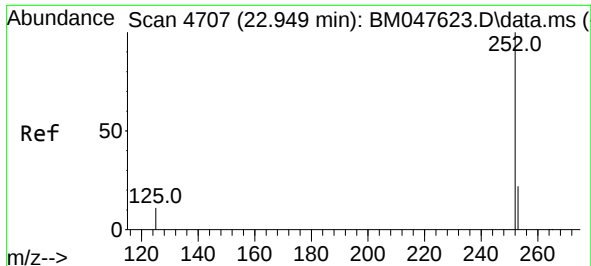
Tgt Ion:228 Resp: 19464
Ion Ratio Lower Upper
228 100
229 19.6 15.9 23.9
226 27.9 22.1 33.1



#22
Chrysene
Concen: 0.367 ng/ul
RT: 21.394 min Scan# 4175
Delta R.T. -0.000 min
Lab File: BM047634.D
Acq: 25 Sep 2024 20:45

Tgt Ion:228 Resp: 20744
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 20.0 15.7 23.5

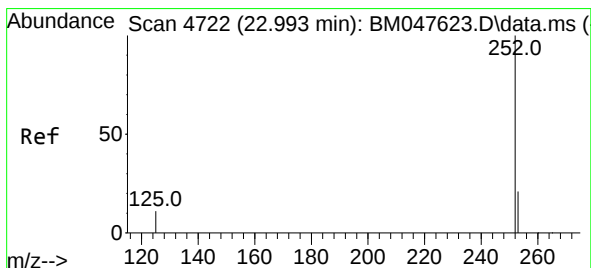
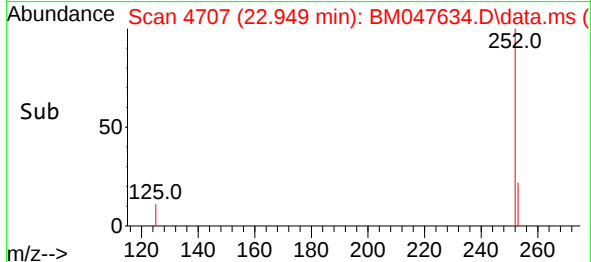
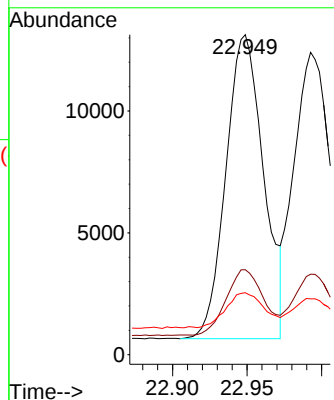
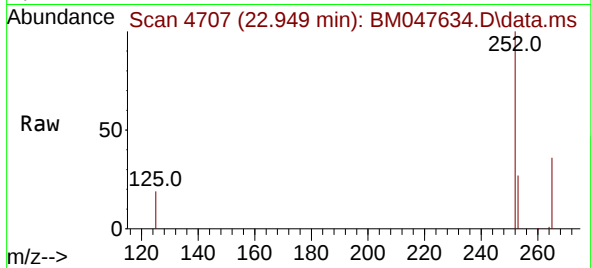




#24
Benzo(b)fluoranthene
Concen: 0.364 ng/ul
RT: 22.949 min Scan# 4707
Delta R.T. -0.000 min
Lab File: BM047634.D
Acq: 25 Sep 2024 20:45

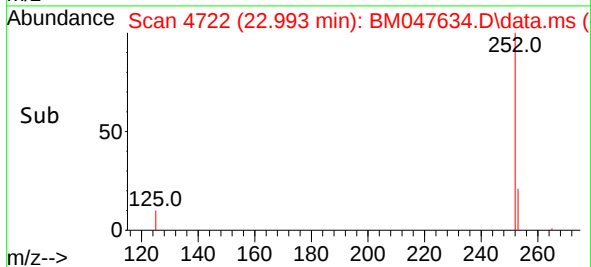
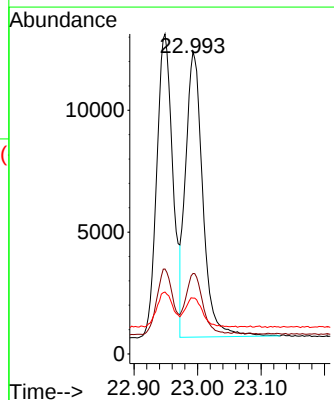
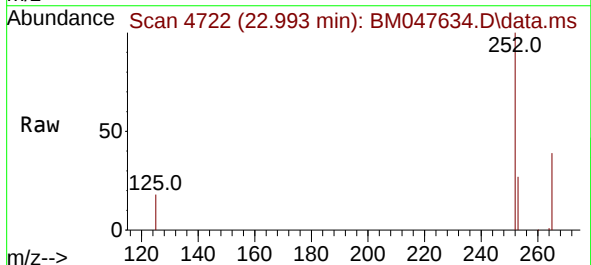
Instrument :
BNA_M
ClientSampleId :
SLCS589

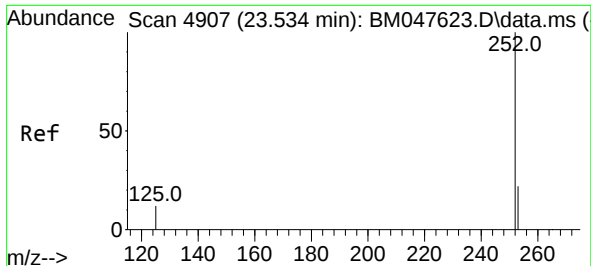
Tgt Ion:252 Resp: 21952
Ion Ratio Lower Upper
252 100
253 26.5 0.0 52.4
125 19.4 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul
RT: 22.993 min Scan# 4722
Delta R.T. -0.000 min
Lab File: BM047634.D
Acq: 25 Sep 2024 20:45

Tgt Ion:252 Resp: 21964
Ion Ratio Lower Upper
252 100
253 26.6 21.0 31.6
125 18.5 14.6 21.8

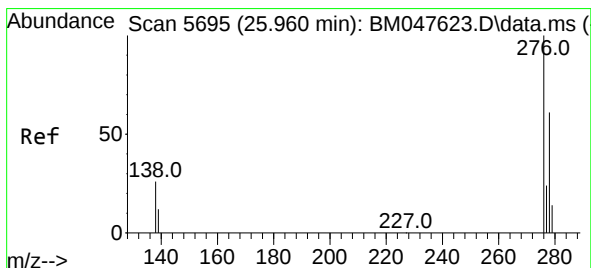
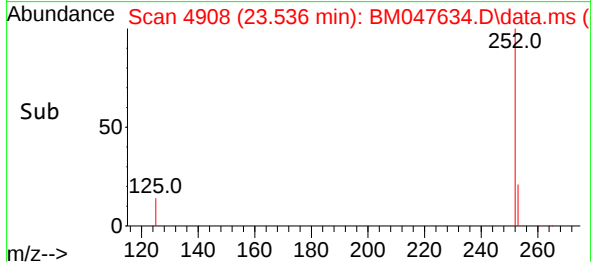
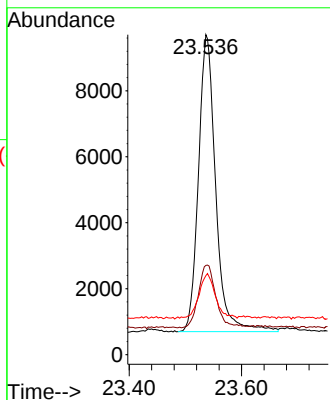
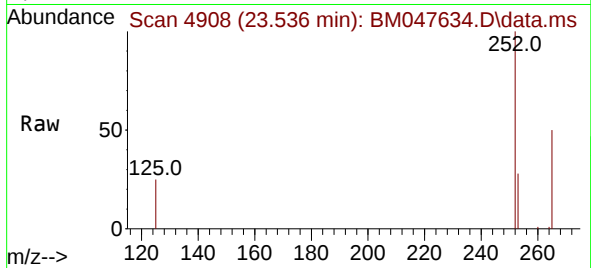




#26
Benzo(a)pyrene
Concen: 0.403 ng/ul
RT: 23.536 min Scan# 4908
Delta R.T. 0.003 min
Lab File: BM047634.D
Acq: 25 Sep 2024 20:45

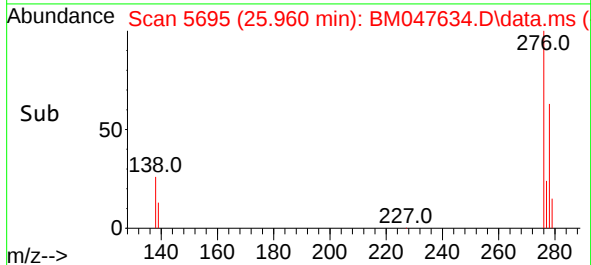
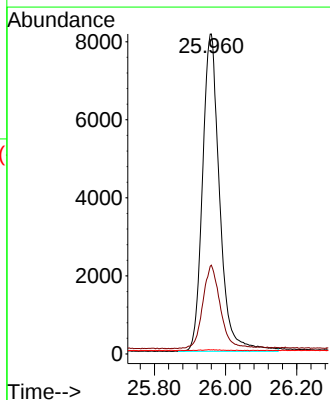
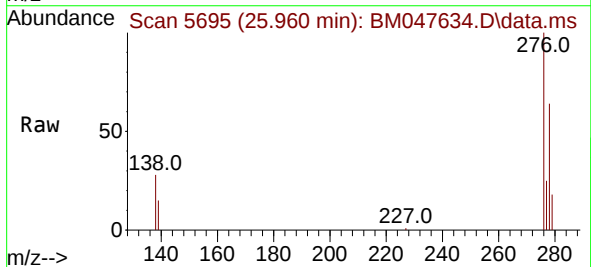
Instrument :
BNA_M
ClientSampleId :
SLCS589

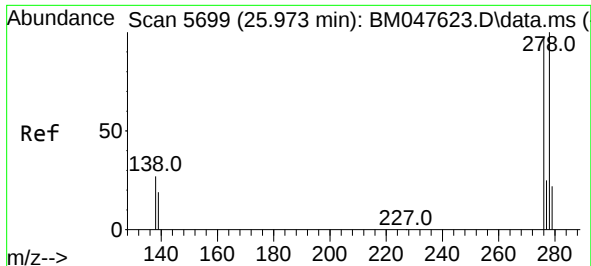
Tgt Ion:252 Resp: 19166
Ion Ratio Lower Upper
252 100
253 27.9 23.0 34.4
125 24.7 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng/ul
RT: 25.960 min Scan# 5695
Delta R.T. -0.000 min
Lab File: BM047634.D
Acq: 25 Sep 2024 20:45

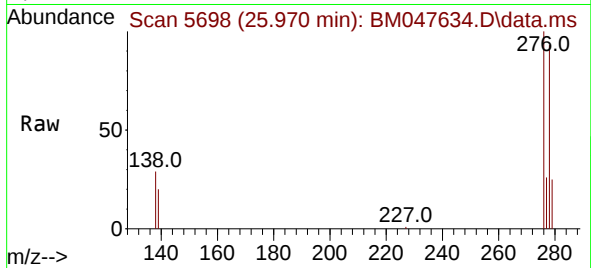
Tgt Ion:276 Resp: 27200
Ion Ratio Lower Upper
276 100
138 27.0 22.0 33.0
227 0.2 0.2 0.4



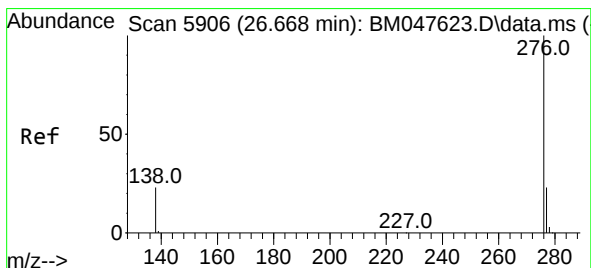
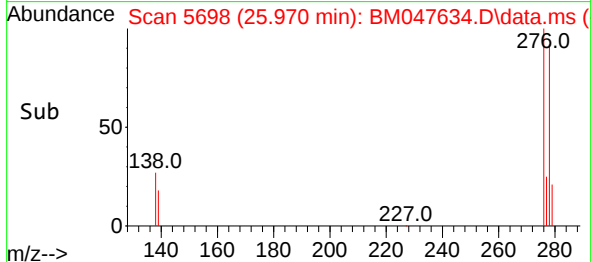
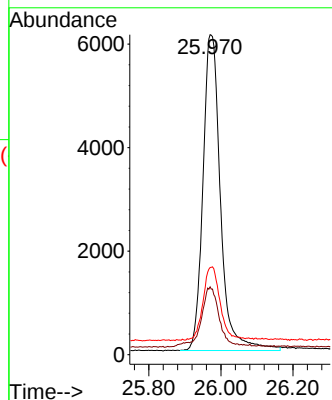


#28
Dibenzo(a,h)anthracene
Concen: 0.361 ng/ul
RT: 25.970 min Scan# 5699
Delta R.T. -0.003 min
Lab File: BM047634.D
Acq: 25 Sep 2024 20:45

Instrument :
BNA_M
ClientSampleId :
SLCS589



Tgt Ion:278 Resp: 20629
Ion Ratio Lower Upper
278 100
139 21.2 16.8 25.2
279 27.3 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.365 ng/ul
RT: 26.668 min Scan# 5906
Delta R.T. -0.000 min
Lab File: BM047634.D
Acq: 25 Sep 2024 20:45

Tgt Ion:276 Resp: 22197
Ion Ratio Lower Upper
276 100
138 25.1 20.2 30.2
277 25.4 19.8 29.6

