

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092624\
 Data File : BM047662.D
 Acq On : 27 Sep 2024 02:27
 Operator : RC/JU
 Sample : PB163681BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS681

Quant Time: Sep 27 03:26:03 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)

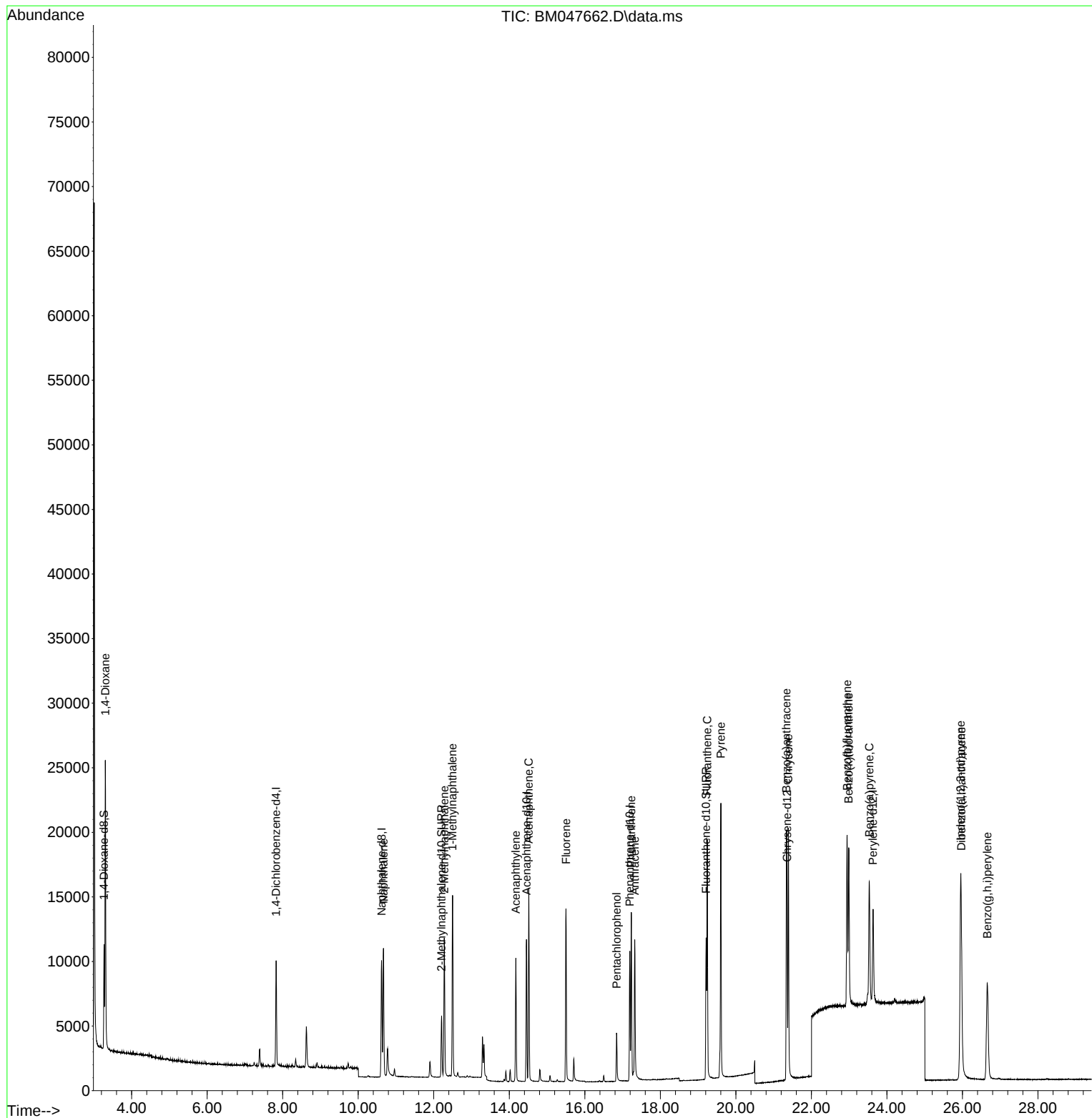
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	4257	0.400	ng/ul	0.00
4) Naphthalene-d8	10.618	136	12363	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.456	164	6083	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	12038	0.400	ng/ul	0.00
17) Chrysene-d12	21.356	240	9978	0.400	ng/ul	0.00
23) Perylene-d12	23.633	264	10395	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	4573	0.836	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	6572	0.398	ng/ul	0.00
18) Fluoranthene-d10	19.211	212	12122	0.397	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.303	88	13588	2.076	ng/ul#	79
5) Naphthalene	10.667	128	13877	0.412	ng/ul	99
7) 2-Methylnaphthalene	12.278	142	8120	0.402	ng/ul	100
8) 1-Methylnaphthalene	12.498	142	9880	0.466	ng/ul	100
10) Acenaphthylene	14.174	152	10988	0.372	ng/ul	99
11) Acenaphthene	14.516	153	8419	0.415	ng/ul	99
12) Fluorene	15.501	166	8978	0.391	ng/ul	99
14) Pentachlorophenol	16.842	266	2656	0.734	ng/ul	100
15) Phenanthrene	17.230	178	14276	0.400	ng/ul	100
16) Anthracene	17.323	178	12414	0.390	ng/ul	99
19) Fluoranthene	19.244	202	16650	0.397	ng/ul	98
20) Pyrene	19.602	202	17684	0.396	ng/ul	99
21) Benzo(a)anthracene	21.339	228	15741	0.373	ng/ul	99
22) Chrysene	21.391	228	16918	0.386	ng/ul	99
24) Benzo(b)fluoranthene	22.946	252	17540	0.388	ng/ul	96
25) Benzo(k)fluoranthene	22.987	252	17607	0.387	ng/ul	96
26) Benzo(a)pyrene	23.534	252	15454	0.433	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.950	276	21546	0.379	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.967	278	16471	0.384	ng/ul	99
29) Benzo(g,h,i)perylene	26.658	276	17656	0.387	ng/ul	99

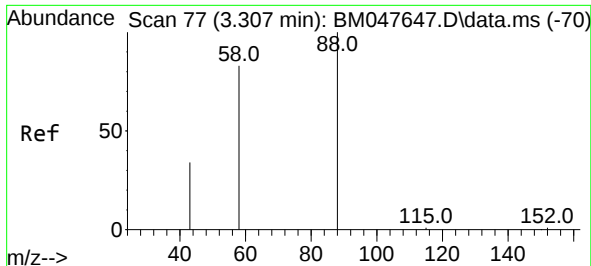
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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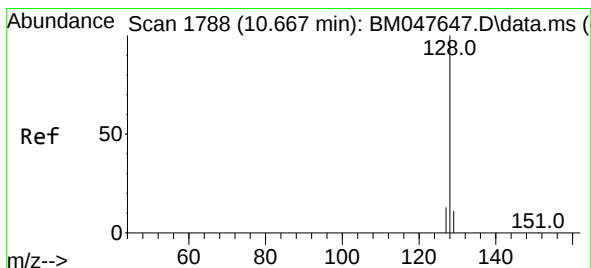
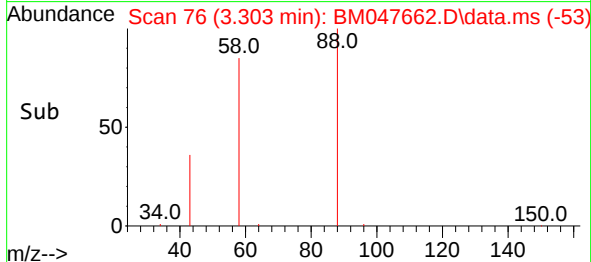
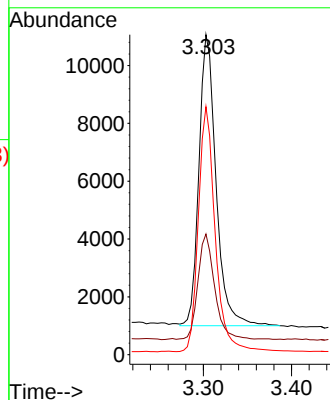
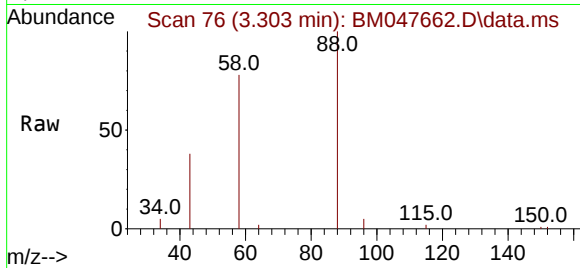




#2
1,4-Dioxane
Concen: 2.076 ng/ul
RT: 3.303 min Scan# 77
Delta R.T. -0.004 min
Lab File: BM047662.D
Acq: 27 Sep 2024 02:27

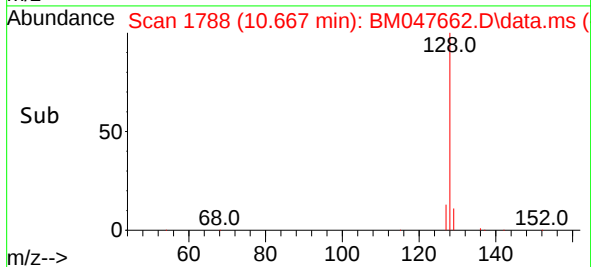
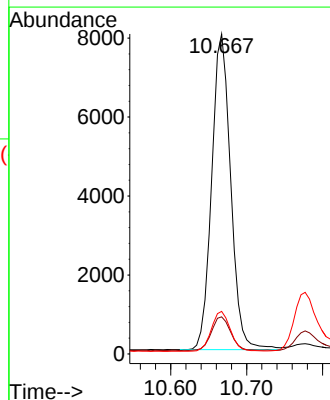
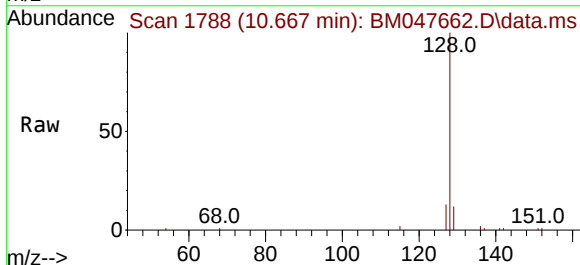
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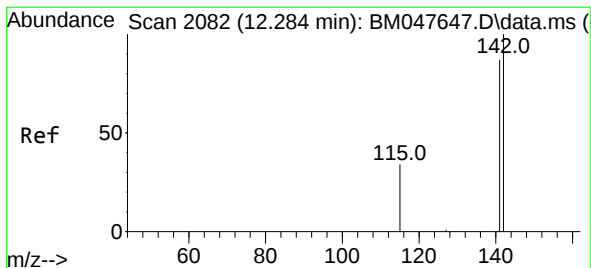
Tgt Ion: 88 Resp: 13588
Ion Ratio Lower Upper
88 100
43 37.7 30.9 46.3
58 77.5 42.5 63.7#



#5
Naphthalene
Concen: 0.412 ng/ul
RT: 10.667 min Scan# 1788
Delta R.T. -0.005 min
Lab File: BM047662.D
Acq: 27 Sep 2024 02:27

Tgt Ion: 128 Resp: 13877
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.3 10.4 15.6

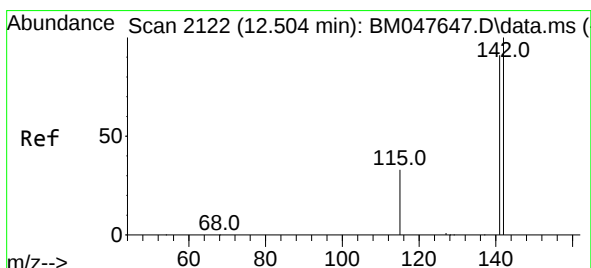
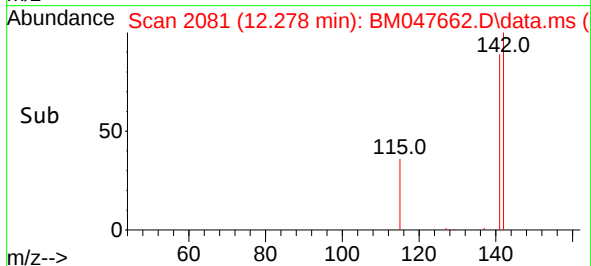
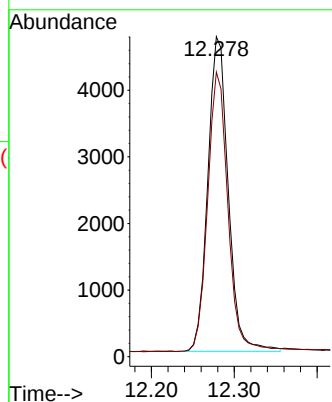
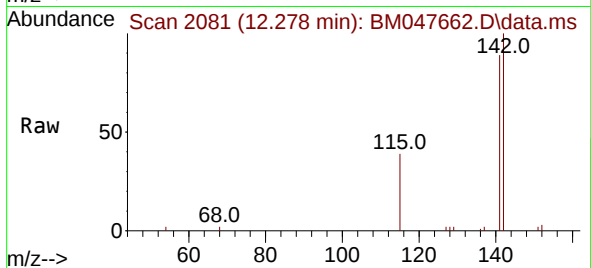




#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.278 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM047662.D
Acq: 27 Sep 2024 02:27

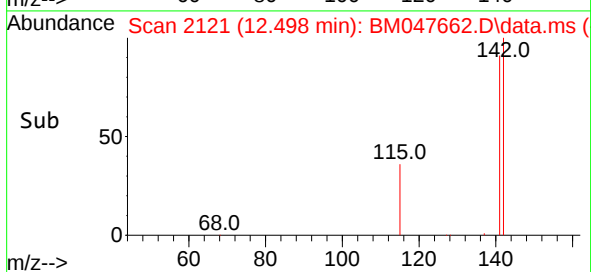
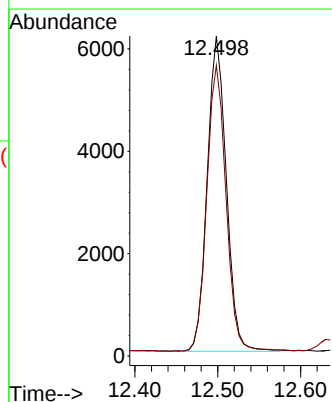
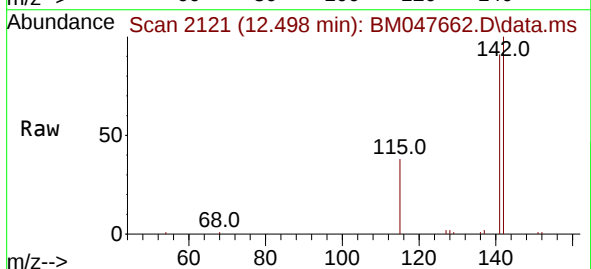
Instrument :
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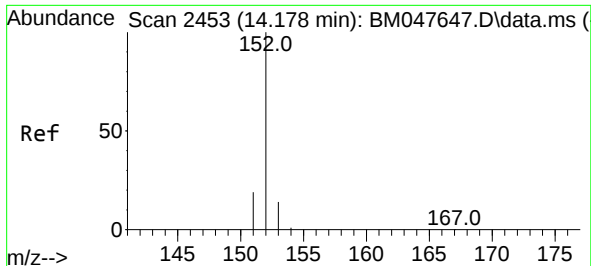
Tgt Ion:142 Resp: 8120
Ion Ratio Lower Upper
142 100
141 88.0 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.466 ng/ul
RT: 12.498 min Scan# 2121
Delta R.T. -0.005 min
Lab File: BM047662.D
Acq: 27 Sep 2024 02:27

Tgt Ion:142 Resp: 9880
Ion Ratio Lower Upper
142 100
141 91.2 72.9 109.3

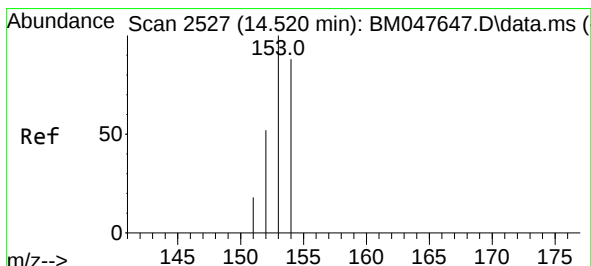
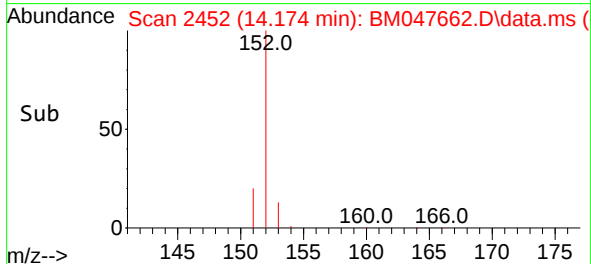
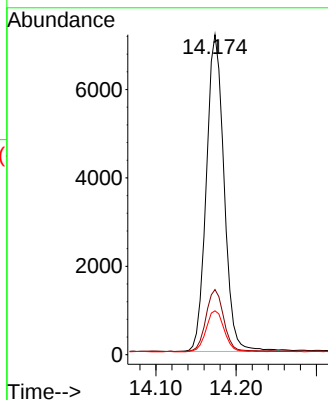
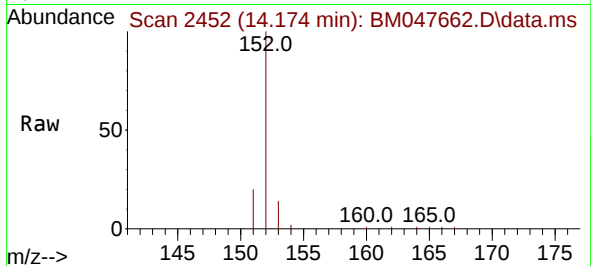




#10
Acenaphthylene
Concen: 0.372 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.005 min
Lab File: BM047662.D
Acq: 27 Sep 2024 02:27

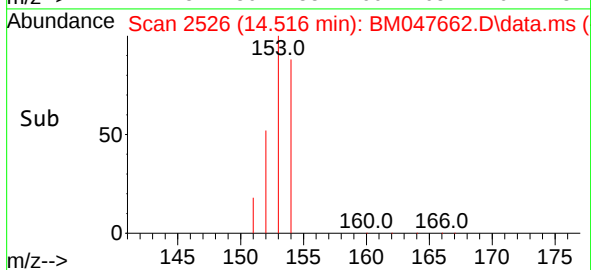
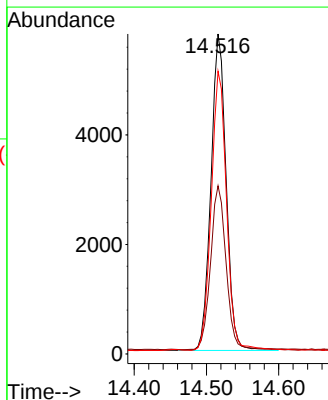
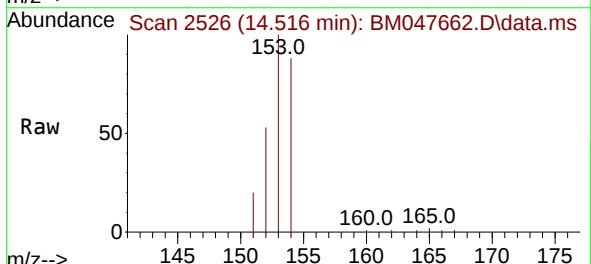
Instrument :
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ClientSampleId :
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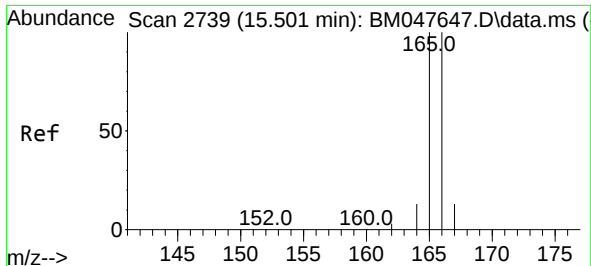
Tgt Ion:152	Resp:	10988
Ion Ratio	Lower	Upper
152	100	
151	20.3	16.1 24.1
153	13.7	10.7 16.1



#11
Acenaphthene
Concen: 0.415 ng/ul
RT: 14.516 min Scan# 2526
Delta R.T. -0.005 min
Lab File: BM047662.D
Acq: 27 Sep 2024 02:27

Tgt Ion:153	Resp:	8419
Ion Ratio	Lower	Upper
153	100	
152	52.5	41.7 62.5
154	88.3	71.2 106.8

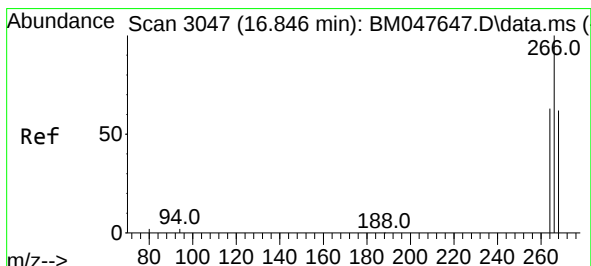
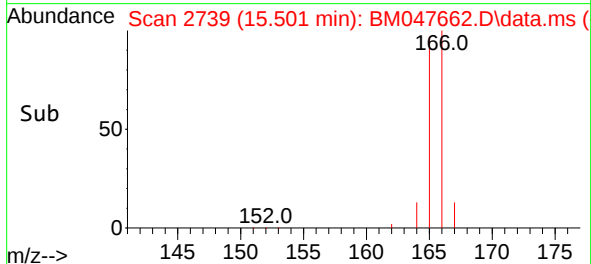
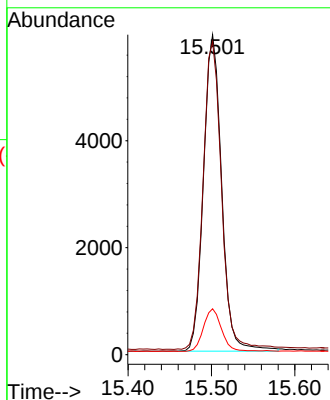
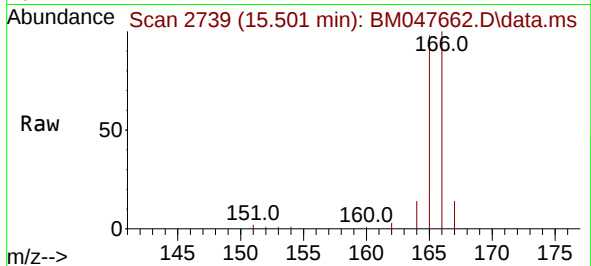




#12
Fluorene
Concen: 0.391 ng/ul
RT: 15.501 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM047662.D
Acq: 27 Sep 2024 02:27

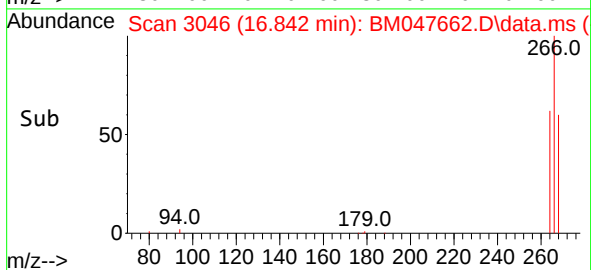
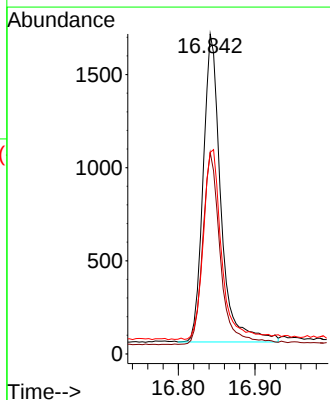
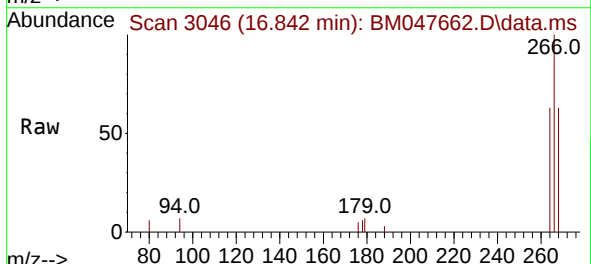
Instrument :
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ClientSampleId :
SLCS681

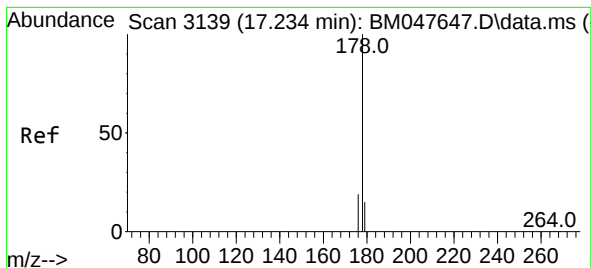
Tgt Ion:166 Resp: 8978
Ion Ratio Lower Upper
166 100
165 97.8 79.4 119.2
167 14.4 11.4 17.0



#14
Pentachlorophenol
Concen: 0.734 ng/ul
RT: 16.842 min Scan# 3046
Delta R.T. -0.008 min
Lab File: BM047662.D
Acq: 27 Sep 2024 02:27

Tgt Ion:266 Resp: 2656
Ion Ratio Lower Upper
266 100
264 62.7 49.8 74.8
268 63.9 51.2 76.8





#15

Phenanthrene

Concen: 0.400 ng/ul

RT: 17.230 min Scan# 3139

Delta R.T. -0.008 min

Lab File: BM047662.D

Acq: 27 Sep 2024 02:27

Instrument :

BNA_M

ClientSampleId :

SLCS681

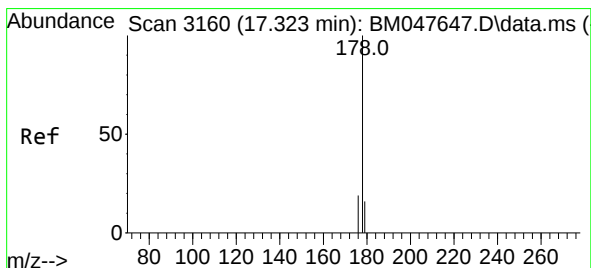
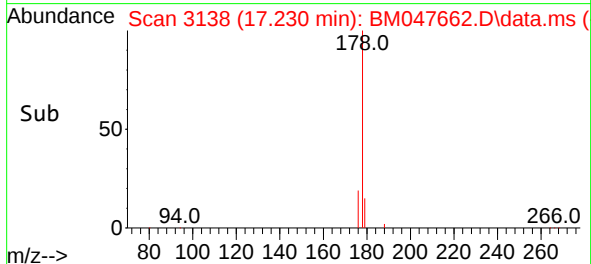
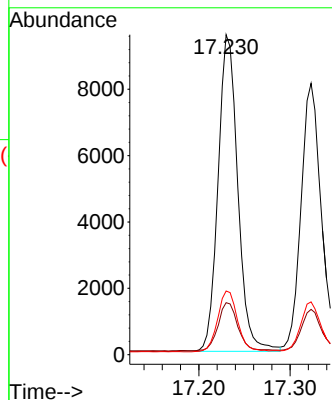
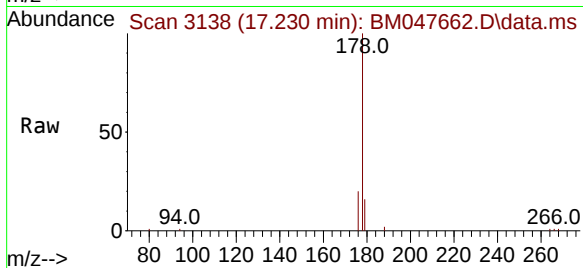
Tgt Ion:178 Resp: 14276

Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.6

176 19.9 15.9 23.9



#16

Anthracene

Concen: 0.390 ng/ul

RT: 17.323 min Scan# 3160

Delta R.T. -0.004 min

Lab File: BM047662.D

Acq: 27 Sep 2024 02:27

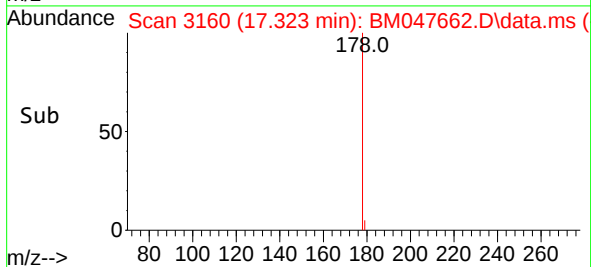
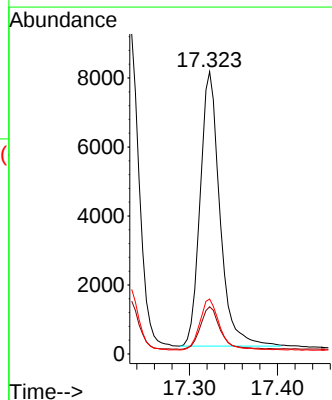
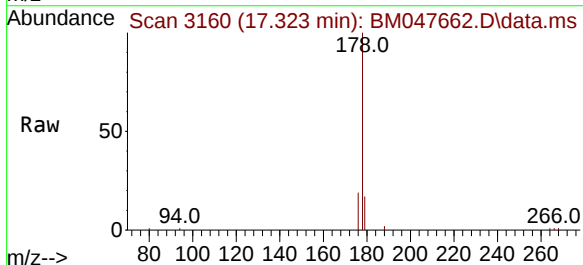
Tgt Ion:178 Resp: 12414

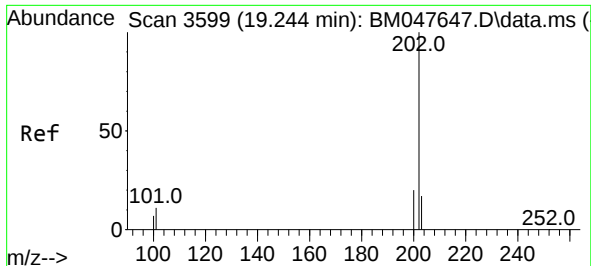
Ion Ratio Lower Upper

178 100

179 16.7 13.0 19.4

176 19.5 15.4 23.2

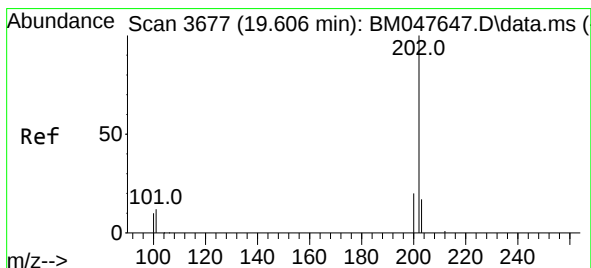
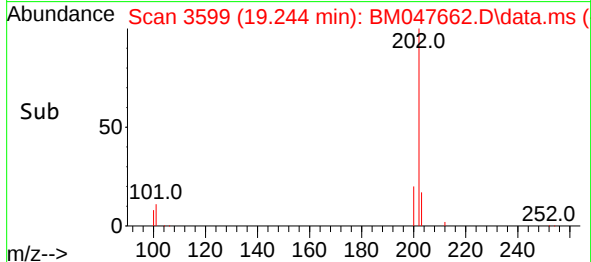
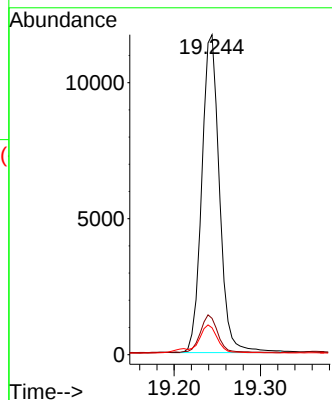
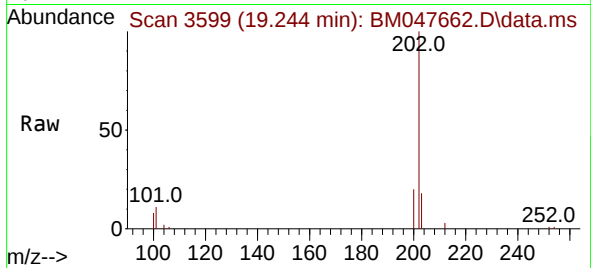




#19
Fluoranthene
Concen: 0.397 ng/ul
RT: 19.244 min Scan# 3599
Delta R.T. 0.000 min
Lab File: BM047662.D
Acq: 27 Sep 2024 02:27

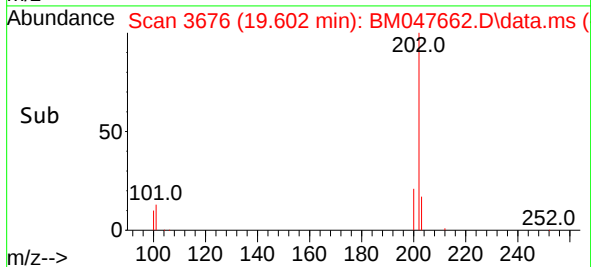
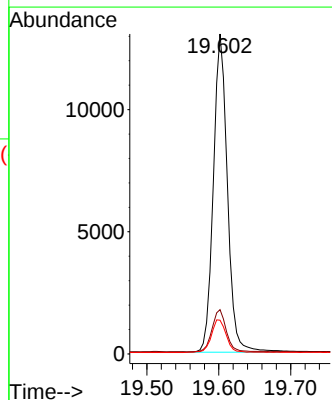
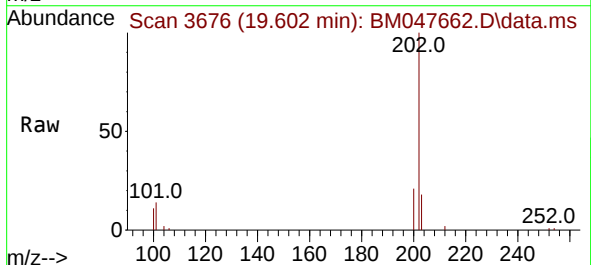
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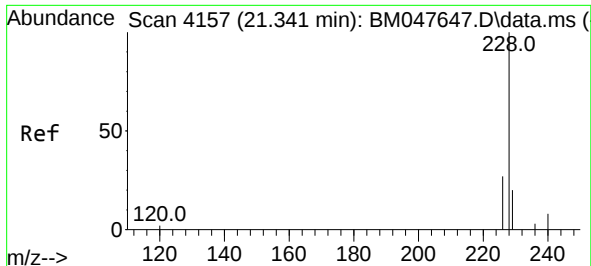
Tgt Ion:202 Resp: 16650
Ion Ratio Lower Upper
202 100
101 11.3 9.8 14.6
100 8.4 7.4 11.2



#20
Pyrene
Concen: 0.396 ng/ul
RT: 19.602 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM047662.D
Acq: 27 Sep 2024 02:27

Tgt Ion:202 Resp: 17684
Ion Ratio Lower Upper
202 100
101 13.9 10.7 16.1
100 10.6 8.2 12.2

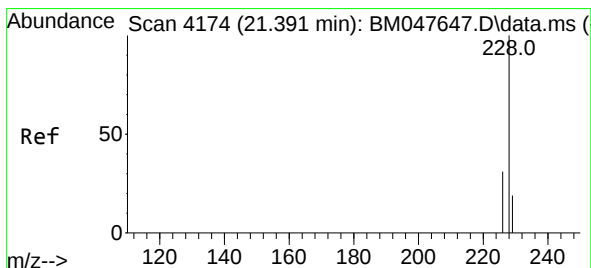
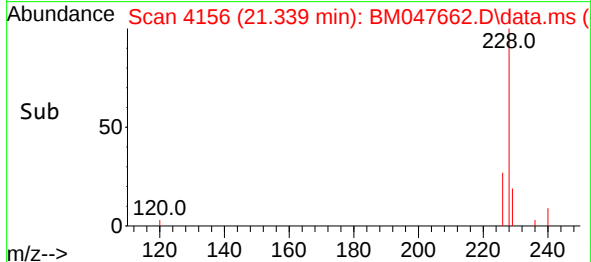
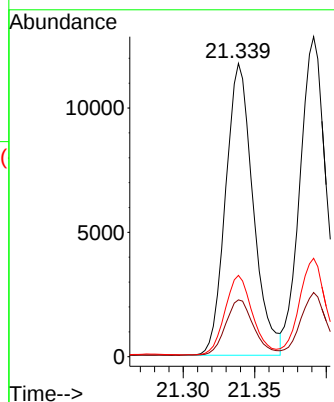
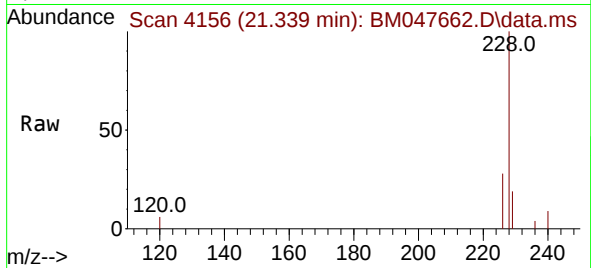




#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.339 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BM047662.D
Acq: 27 Sep 2024 02:27

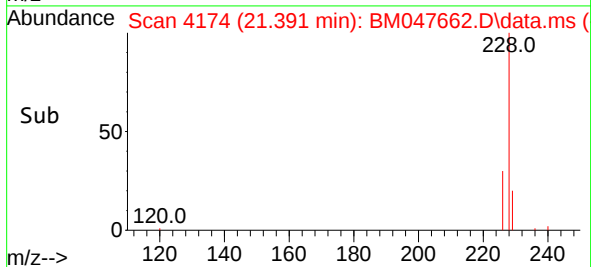
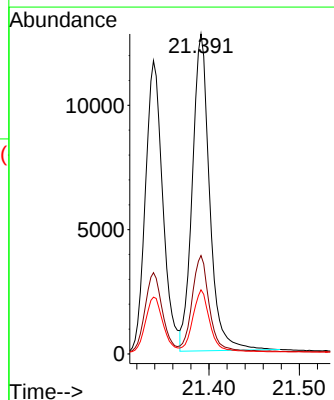
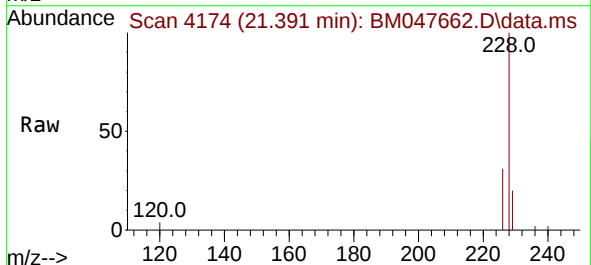
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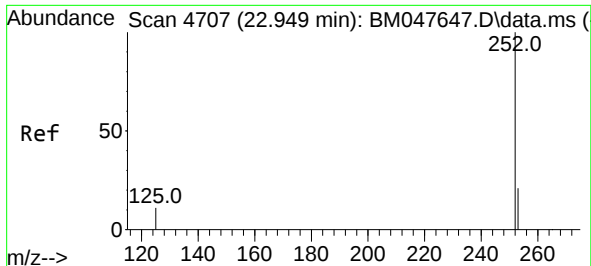
Tgt Ion:228 Resp: 15741
Ion Ratio Lower Upper
228 100
229 19.3 15.9 23.9
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.386 ng/ul
RT: 21.391 min Scan# 4174
Delta R.T. -0.003 min
Lab File: BM047662.D
Acq: 27 Sep 2024 02:27

Tgt Ion:228 Resp: 16918
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 20.0 15.7 23.5

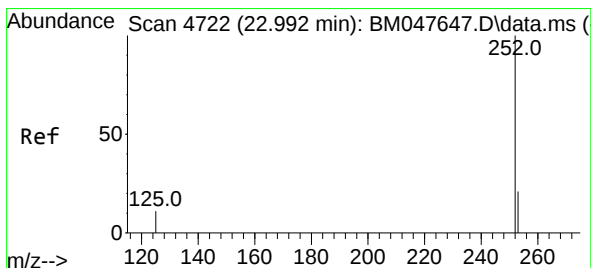
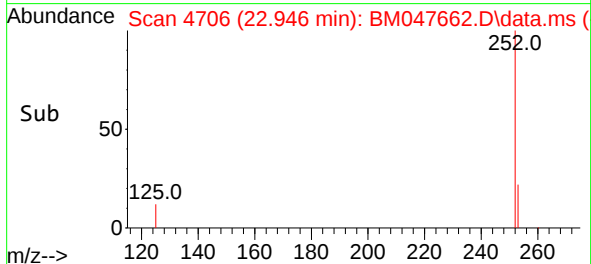
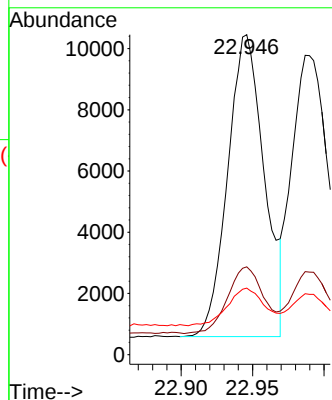
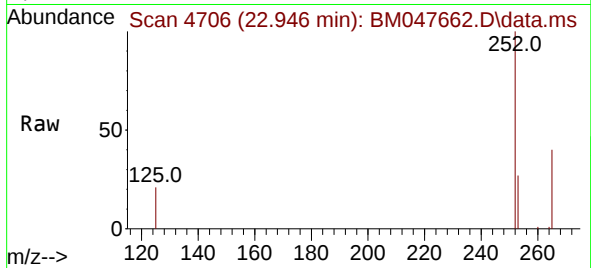




#24
Benzo(b)fluoranthene
Concen: 0.388 ng/ul
RT: 22.946 min Scan# 4706
Delta R.T. -0.003 min
Lab File: BM047662.D
Acq: 27 Sep 2024 02:27

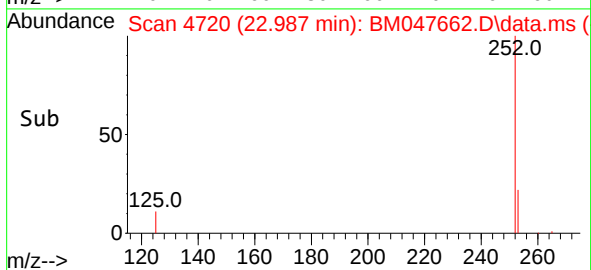
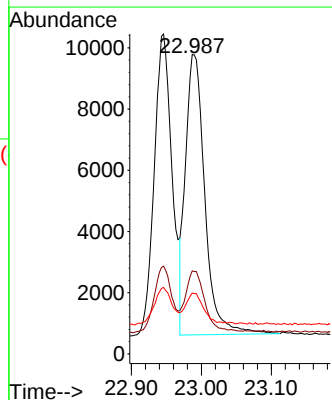
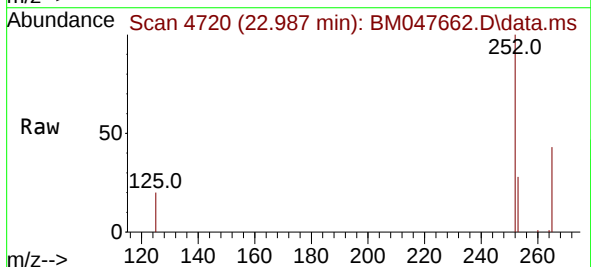
Instrument :
BNA_M
ClientSampleId :
SLCS681

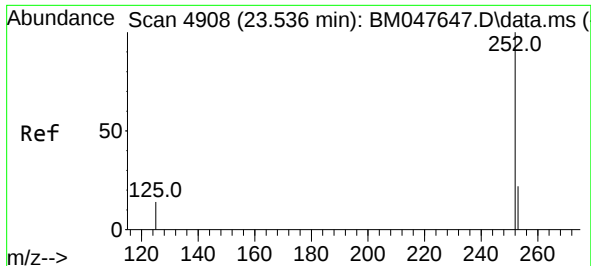
Tgt Ion:252 Resp: 17540
Ion Ratio Lower Upper
252 100
253 27.5 0.0 52.4
125 20.8 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.387 ng/ul
RT: 22.987 min Scan# 4720
Delta R.T. -0.006 min
Lab File: BM047662.D
Acq: 27 Sep 2024 02:27

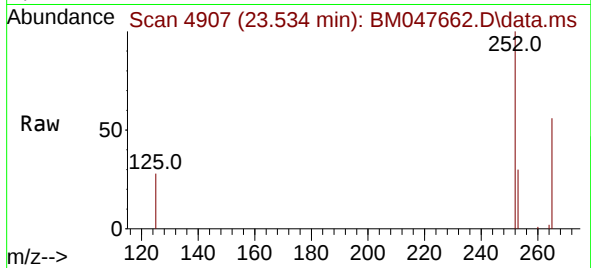
Tgt Ion:252 Resp: 17607
Ion Ratio Lower Upper
252 100
253 27.7 21.0 31.6
125 20.4 14.6 21.8



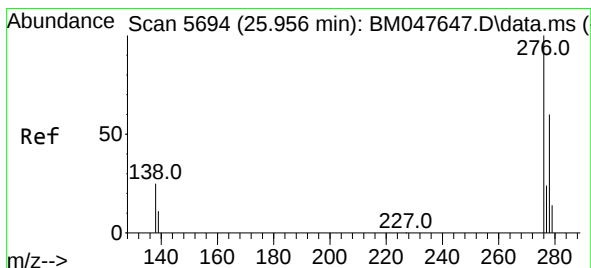
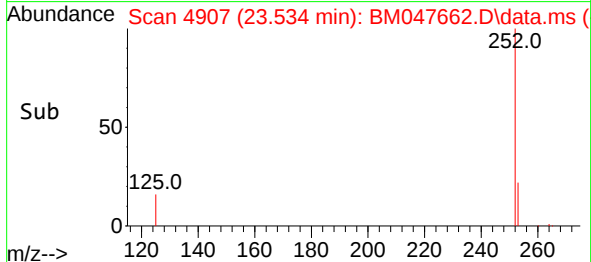
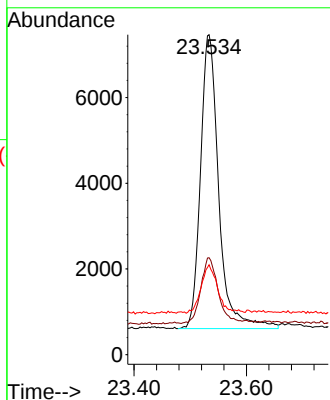


#26
Benzo(a)pyrene
Concen: 0.433 ng/ul
RT: 23.534 min Scan# 4908
Delta R.T. 0.000 min
Lab File: BM047662.D
Acq: 27 Sep 2024 02:27

Instrument :
BNA_M
ClientSampleId :
SLCS681

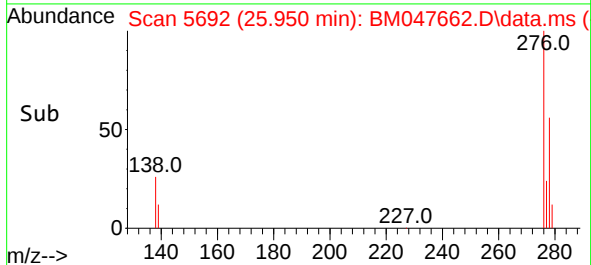
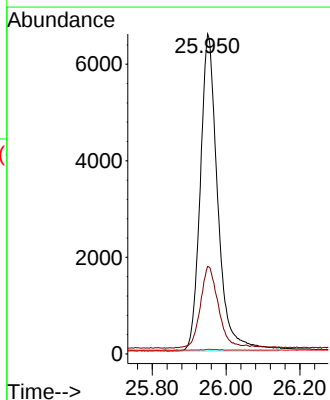
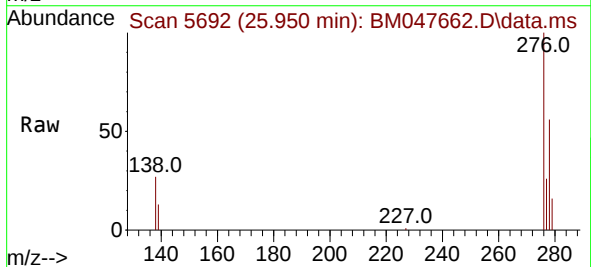


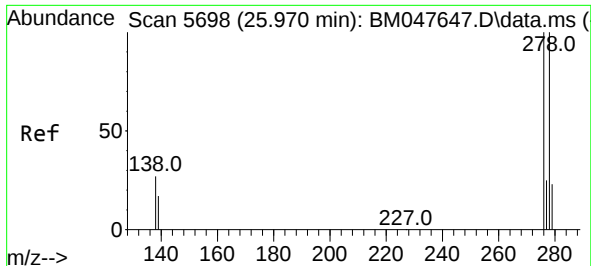
Tgt Ion:252 Resp: 15454
Ion Ratio Lower Upper
252 100
253 30.3 23.0 34.4
125 28.1 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng/ul
RT: 25.950 min Scan# 5692
Delta R.T. -0.010 min
Lab File: BM047662.D
Acq: 27 Sep 2024 02:27

Tgt Ion:276 Resp: 21546
Ion Ratio Lower Upper
276 100
138 26.4 22.0 33.0
227 0.2 0.2 0.4

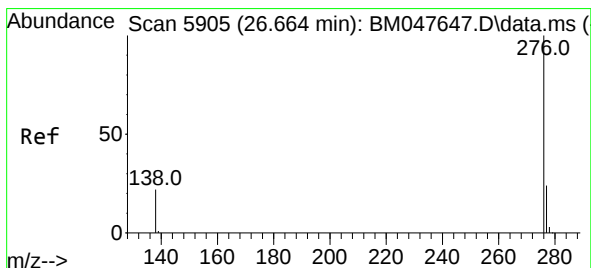
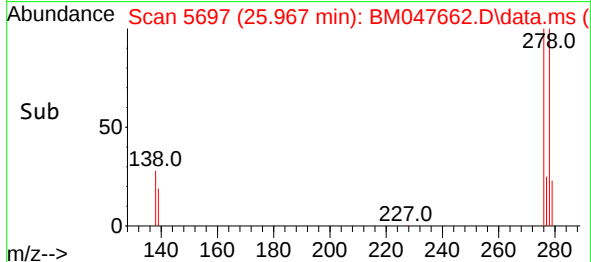
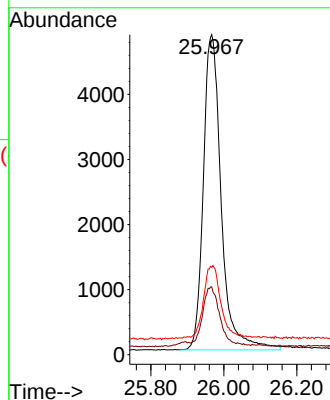
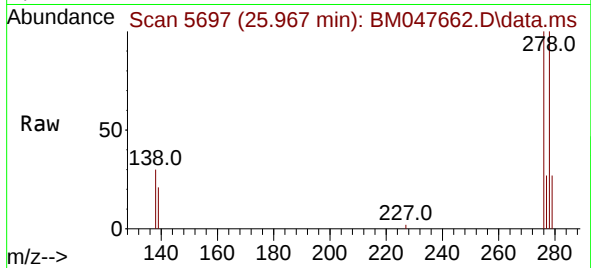




#28
Dibenzo(a,h)anthracene
Concen: 0.384 ng/ul
RT: 25.967 min Scan# 5697
Delta R.T. -0.007 min
Lab File: BM047662.D
Acq: 27 Sep 2024 02:27

Instrument :
BNA_M
ClientSampleId :
SLCS681

Tgt Ion:278 Resp: 16471
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: 0.387 ng/ul
RT: 26.658 min Scan# 5903
Delta R.T. -0.010 min
Lab File: BM047662.D
Acq: 27 Sep 2024 02:27

Tgt Ion:276 Resp: 17656
Ion Ratio Lower Upper
276 100
138 24.9 20.2 30.2
277 25.1 19.8 29.6

