

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092624\
 Data File : BM047657.D
 Acq On : 26 Sep 2024 23:24
 Operator : RC/JU
 Sample : P4164-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P4164-01MSD

Quant Time: Sep 27 00:27:56 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

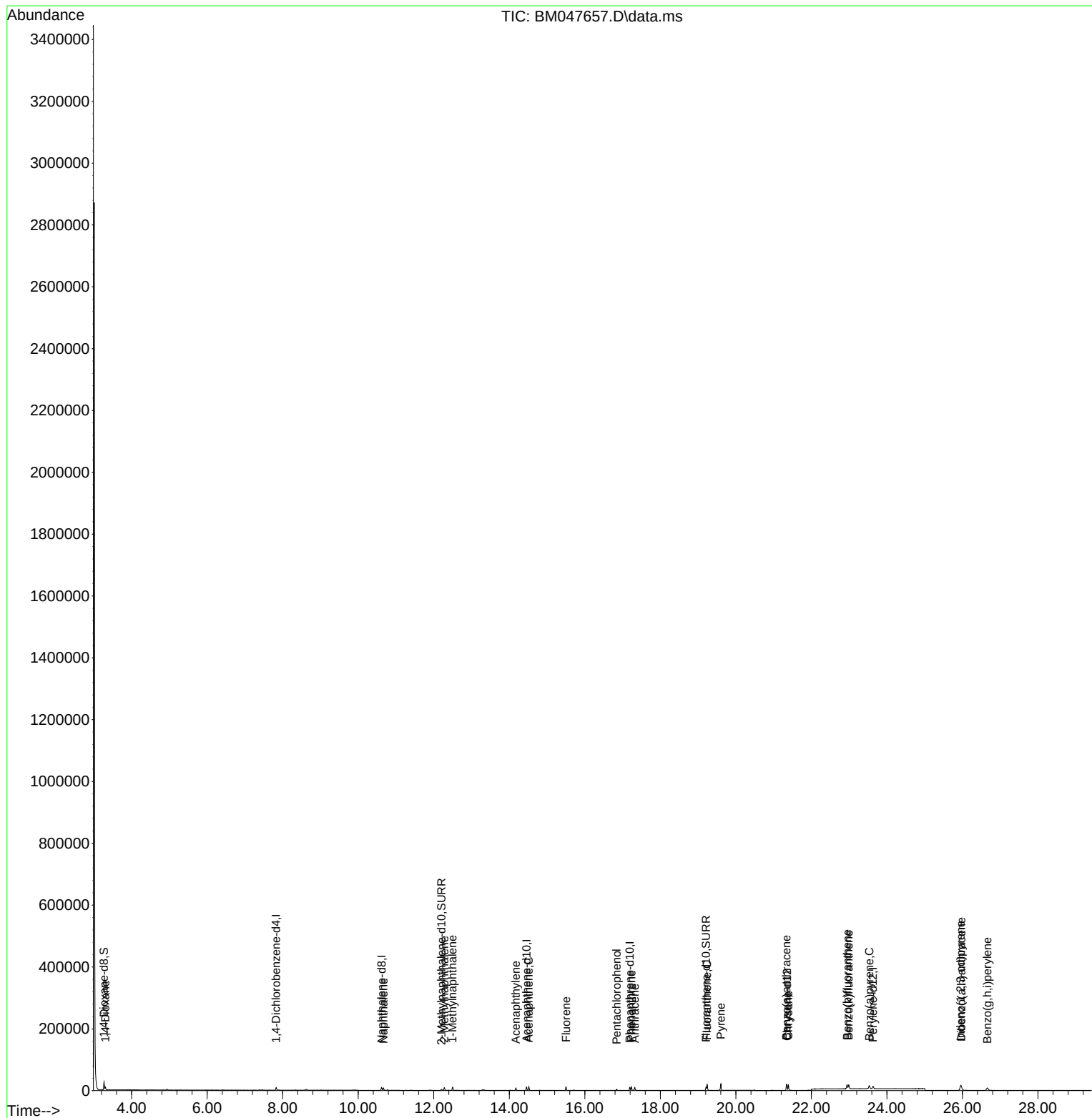
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	4351	0.400	ng/ul	0.00
4) Naphthalene-d8	10.618	136	12533	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.456	164	6309	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	12577	0.400	ng/ul	0.00
17) Chrysene-d12	21.353	240	10422	0.400	ng/ul	0.00
23) Perylene-d12	23.633	264	11286	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	14568	2.606	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	4982	0.298	ng/ul	0.00
18) Fluoranthene-d10	19.212	212	12218	0.383	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.303	88	5593	0.836	ng/ul#	86
5) Naphthalene	10.667	128	10735	0.314	ng/ul	98
7) 2-Methylnaphthalene	12.279	142	6218	0.303	ng/ul	99
8) 1-Methylnaphthalene	12.499	142	7658	0.356	ng/ul	100
10) Acenaphthylene	14.174	152	9110	0.297	ng/ul	99
11) Acenaphthene	14.516	153	6901	0.328	ng/ul	98
12) Fluorene	15.502	166	7610	0.320	ng/ul	98
14) Pentachlorophenol	16.842	266	2860	0.756	ng/ul	100
15) Phenanthrene	17.234	178	13082	0.350	ng/ul	99
16) Anthracene	17.323	178	11338	0.341	ng/ul	99
19) Fluoranthene	19.239	202	16615	0.379	ng/ul	100
20) Pyrene	19.602	202	17651	0.378	ng/ul	99
21) Benzo(a)anthracene	21.339	228	15599	0.354	ng/ul	99
22) Chrysene	21.391	228	16763	0.366	ng/ul	99
24) Benzo(b)fluoranthene	22.943	252	17651	0.359	ng/ul	98
25) Benzo(k)fluoranthene	22.987	252	18190	0.368	ng/ul	99
26) Benzo(a)pyrene	23.531	252	15519	0.401	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.950	276	22173	0.360	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.967	278	17028	0.366	ng/ul	98
29) Benzo(g,h,i)perylene	26.661	276	17995	0.364	ng/ul	99

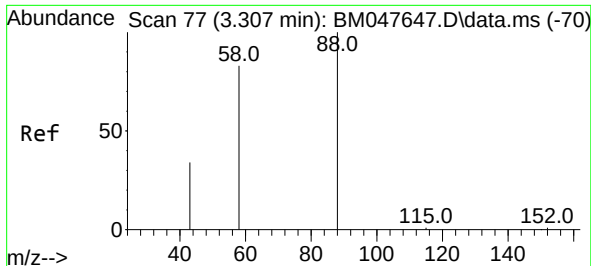
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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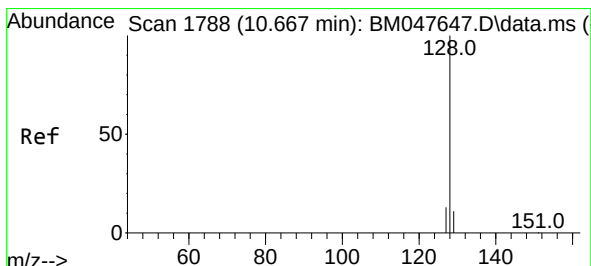
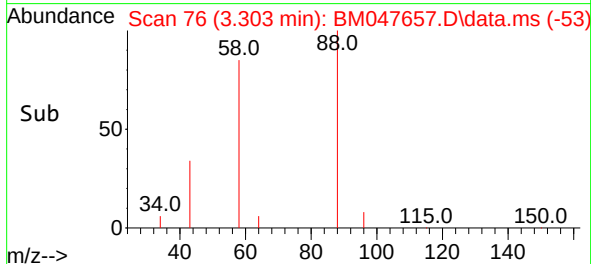
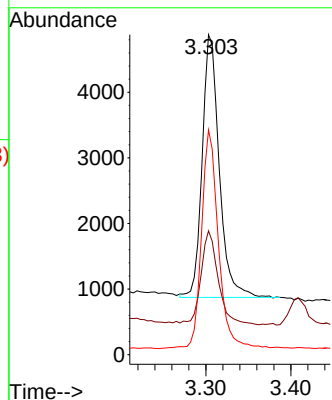
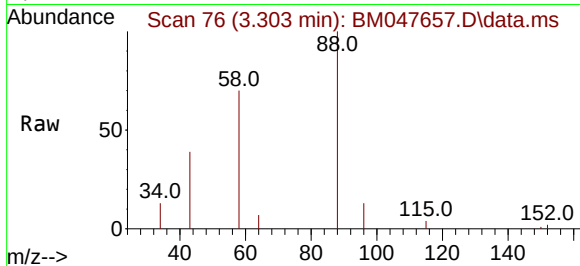




#2
1,4-Dioxane
Concen: 0.836 ng/ul
RT: 3.303 min Scan# 70
Delta R.T. -0.004 min
Lab File: BM047657.D
Acq: 26 Sep 2024 23:24

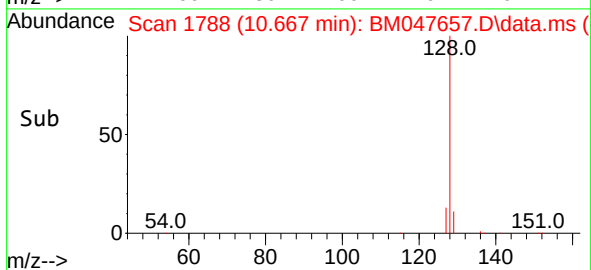
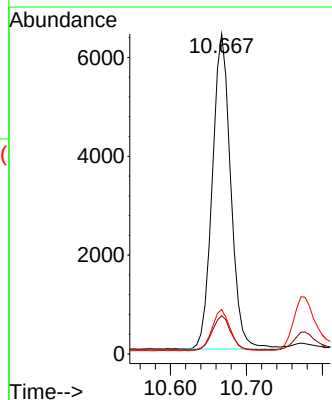
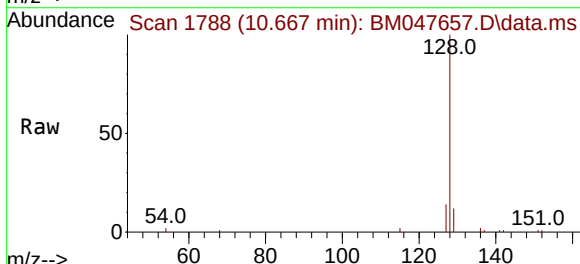
Instrument :
BNA_M
ClientSampleId :
P4164-01MSD

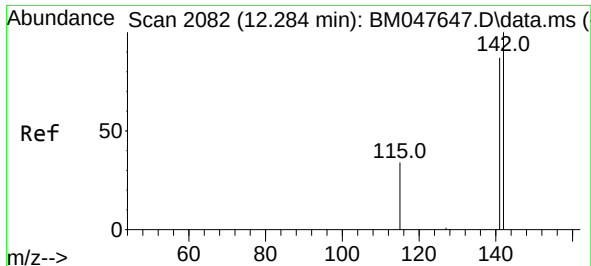
Tgt Ion: 88 Resp: 5593
Ion Ratio Lower Upper
88 100
43 38.7 30.9 46.3
58 70.3 42.5 63.7#



#5
Naphthalene
Concen: 0.314 ng/ul
RT: 10.667 min Scan# 1788
Delta R.T. -0.005 min
Lab File: BM047657.D
Acq: 26 Sep 2024 23:24

Tgt Ion: 128 Resp: 10735
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.9 10.4 15.6

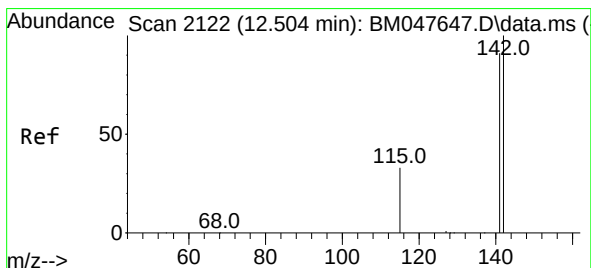
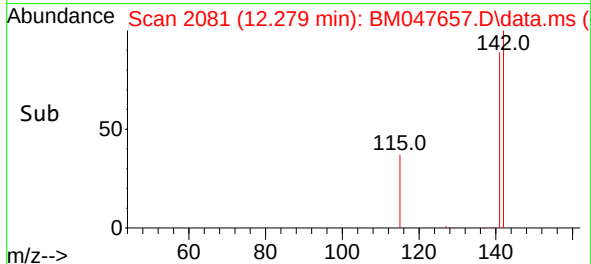
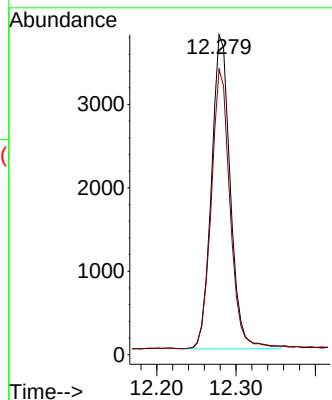
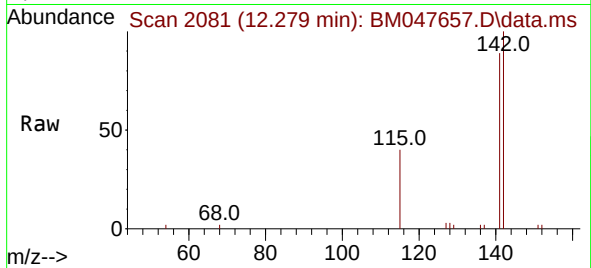




#7
2-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM047657.D
Acq: 26 Sep 2024 23:24

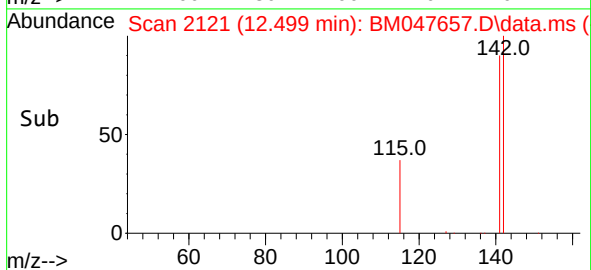
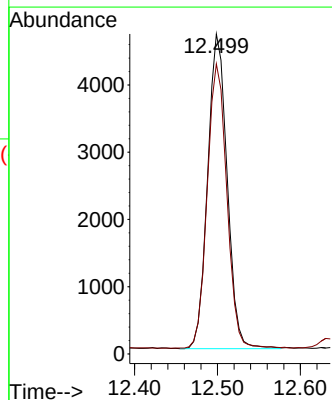
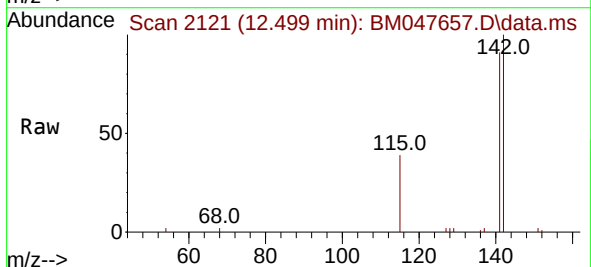
Instrument :
BNA_M
ClientSampleId :
P4164-01MSD

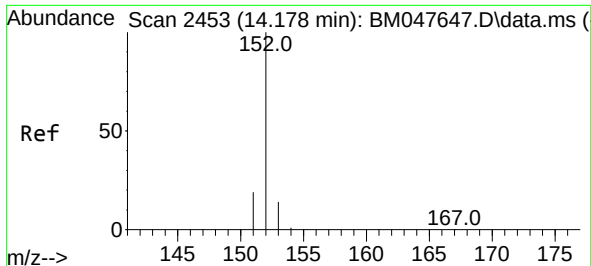
Tgt Ion:142 Resp: 6218
Ion Ratio Lower Upper
142 100
141 88.6 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.499 min Scan# 2121
Delta R.T. -0.005 min
Lab File: BM047657.D
Acq: 26 Sep 2024 23:24

Tgt Ion:142 Resp: 7658
Ion Ratio Lower Upper
142 100
141 91.0 72.9 109.3

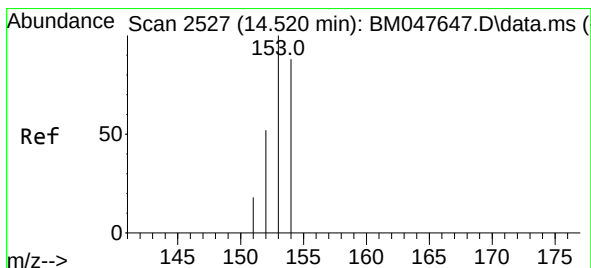
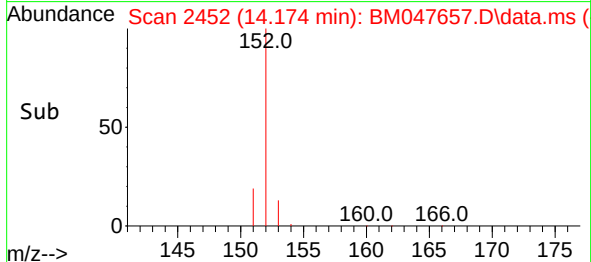
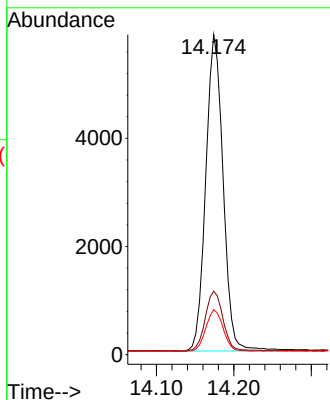
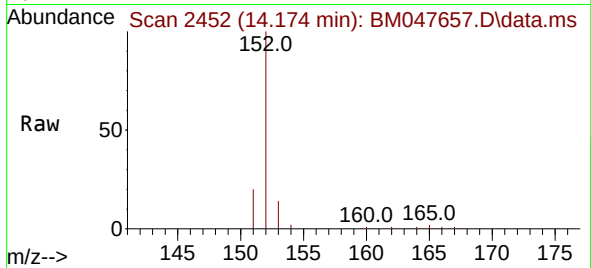




#10
Acenaphthylene
Concen: 0.297 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.004 min
Lab File: BM047657.D
Acq: 26 Sep 2024 23:24

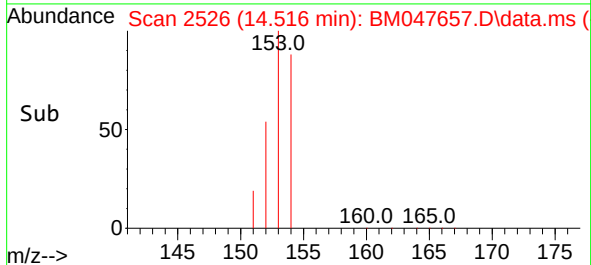
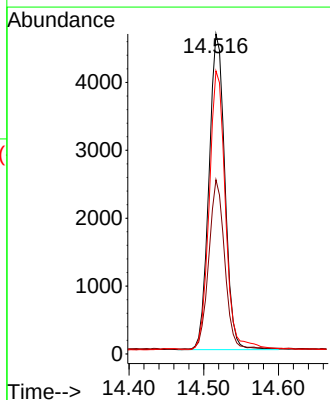
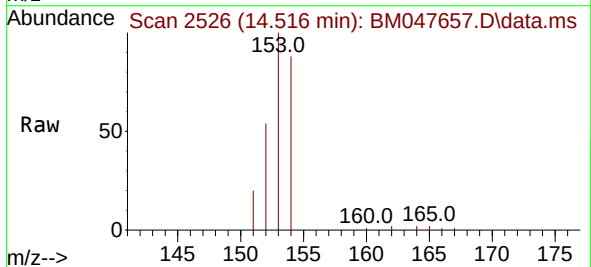
Instrument :
BNA_M
ClientSampleId :
P4164-01MSD

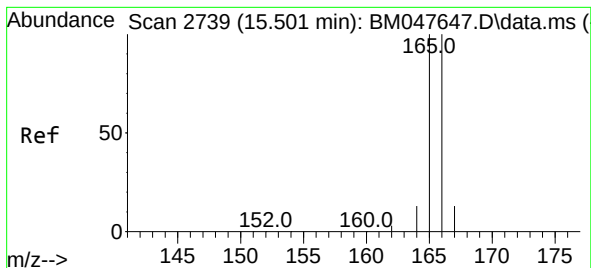
Tgt Ion:152 Resp: 9110
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 14.1 10.7 16.1



#11
Acenaphthene
Concen: 0.328 ng/ul
RT: 14.516 min Scan# 2526
Delta R.T. -0.004 min
Lab File: BM047657.D
Acq: 26 Sep 2024 23:24

Tgt Ion:153 Resp: 6901
Ion Ratio Lower Upper
153 100
152 54.5 41.7 62.5
154 88.4 71.2 106.8





#12

Fluorene

Concen: 0.320 ng/ul

RT: 15.502 min Scan# 21

Delta R.T. -0.004 min

Lab File: BM047657.D

Acq: 26 Sep 2024 23:24

Instrument :

BNA_M

ClientSampleId :

P4164-01MSD

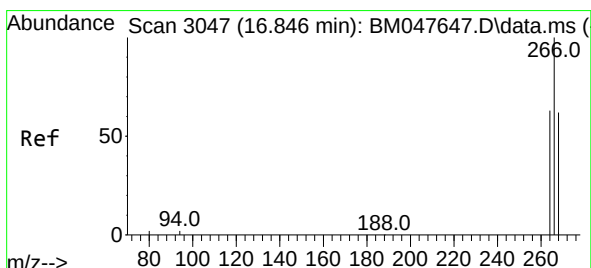
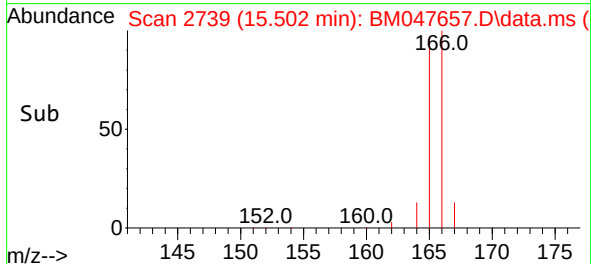
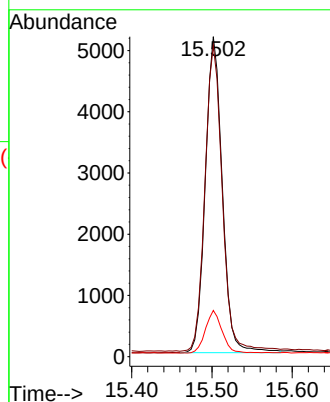
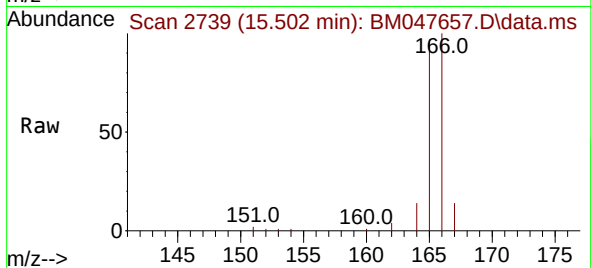
Tgt Ion:166 Resp: 7610

Ion Ratio Lower Upper

166 100

165 97.2 79.4 119.2

167 14.4 11.4 17.0



#14

Pentachlorophenol

Concen: 0.756 ng/ul

RT: 16.842 min Scan# 3046

Delta R.T. -0.008 min

Lab File: BM047657.D

Acq: 26 Sep 2024 23:24

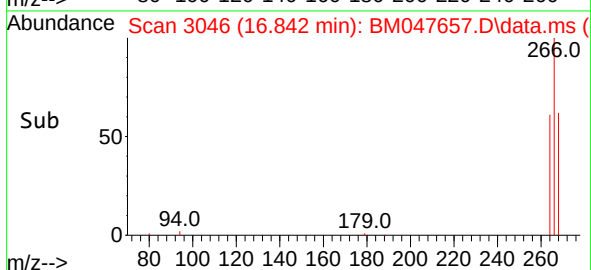
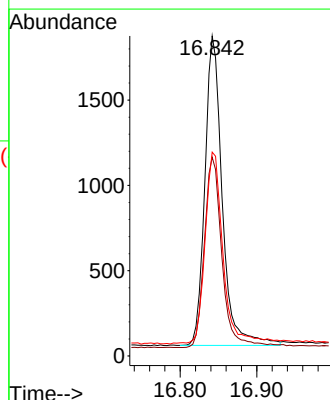
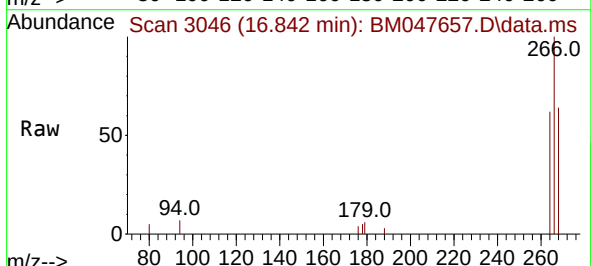
Tgt Ion:266 Resp: 2860

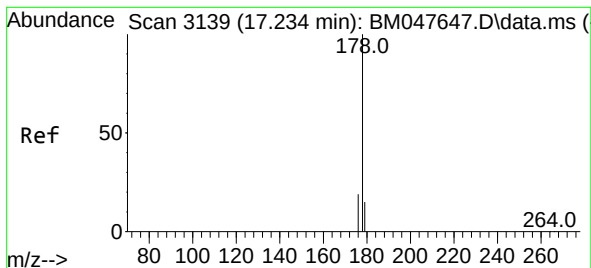
Ion Ratio Lower Upper

266 100

264 62.4 49.8 74.8

268 64.1 51.2 76.8





#15

Phenanthrene

Concen: 0.350 ng/ul

RT: 17.234 min Scan# 3139

Delta R.T. -0.004 min

Lab File: BM047657.D

Acq: 26 Sep 2024 23:24

Instrument :

BNA_M

ClientSampleId :

P4164-01MSD

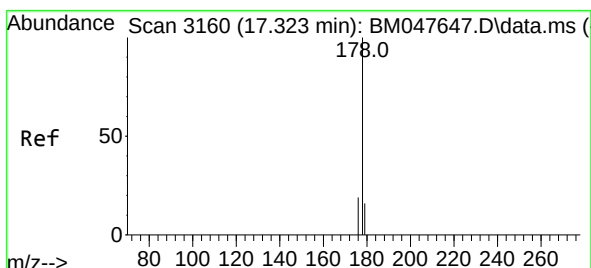
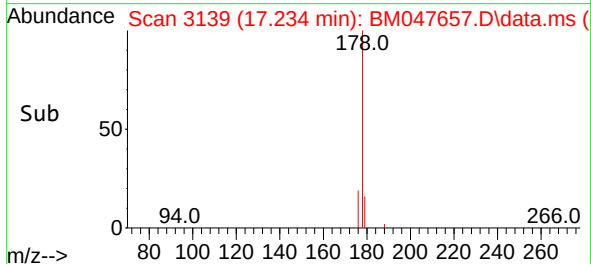
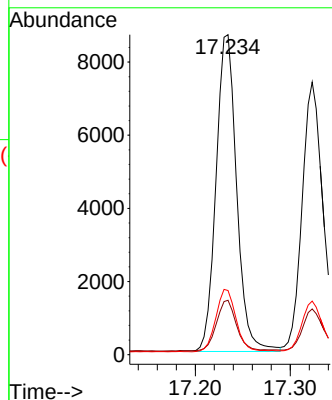
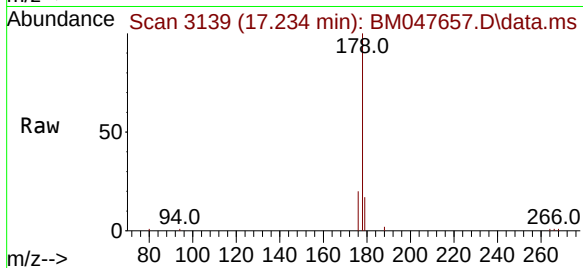
Tgt Ion:178 Resp: 13082

Ion Ratio Lower Upper

178 100

179 17.0 13.0 19.6

176 20.1 15.9 23.9



#16

Anthracene

Concen: 0.341 ng/ul

RT: 17.323 min Scan# 3160

Delta R.T. -0.004 min

Lab File: BM047657.D

Acq: 26 Sep 2024 23:24

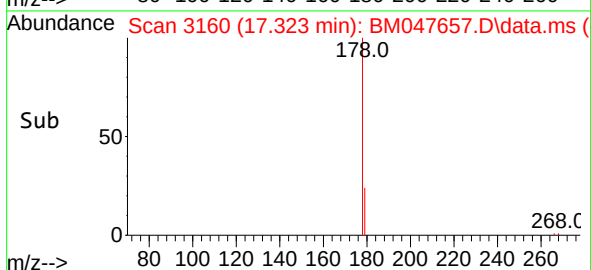
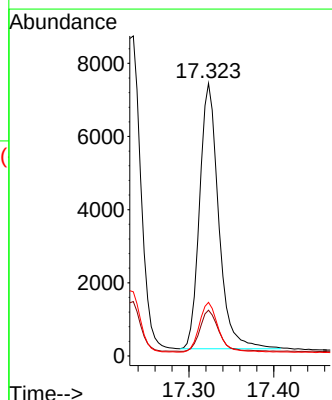
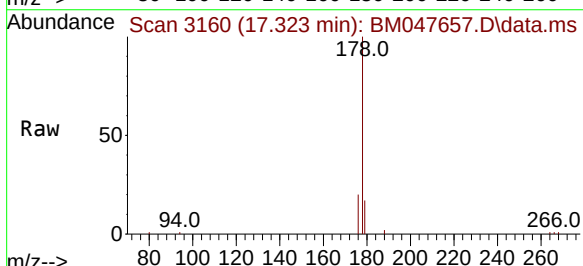
Tgt Ion:178 Resp: 11338

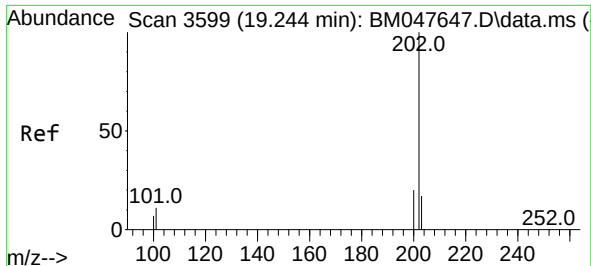
Ion Ratio Lower Upper

178 100

179 16.8 13.0 19.4

176 19.7 15.4 23.2

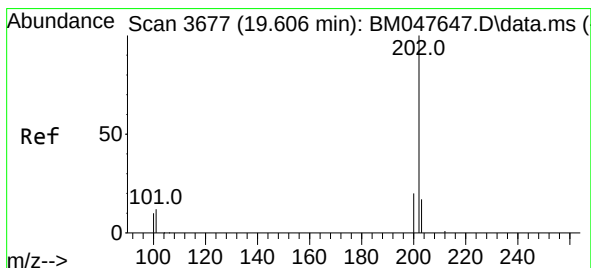
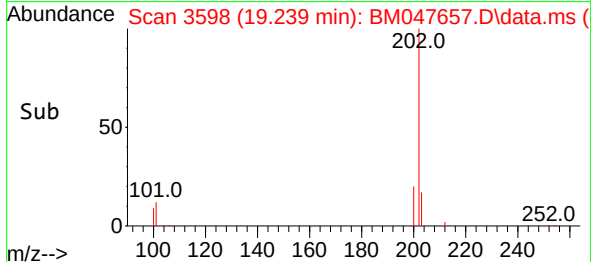
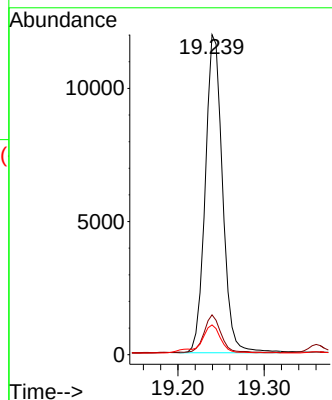
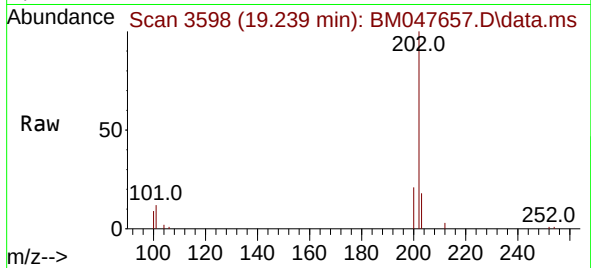




#19
Fluoranthene
Concen: 0.379 ng/ul
RT: 19.239 min Scan# 3598
Delta R.T. -0.004 min
Lab File: BM047657.D
Acq: 26 Sep 2024 23:24

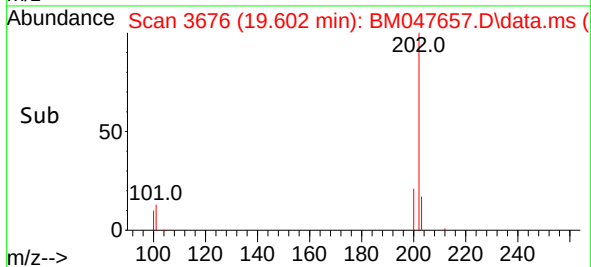
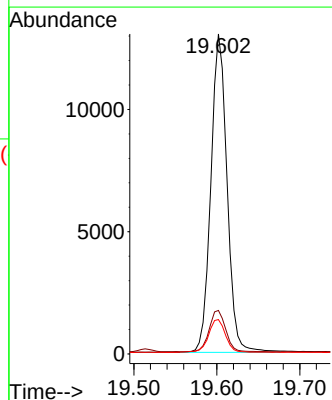
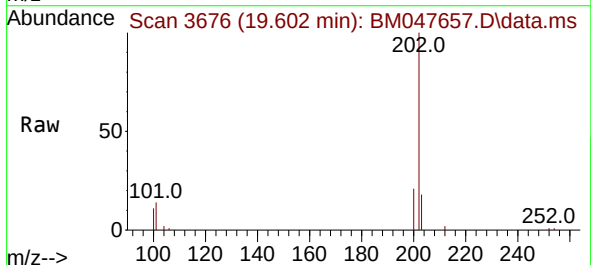
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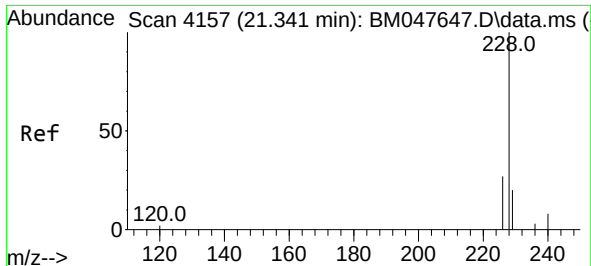
Tgt Ion:	202	Resp:	16615
Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.6
100	9.3	7.4	11.2



#20
Pyrene
Concen: 0.378 ng/ul
RT: 19.602 min Scan# 3676
Delta R.T. -0.004 min
Lab File: BM047657.D
Acq: 26 Sep 2024 23:24

Tgt Ion:	202	Resp:	17651
Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.7	16.1
100	10.7	8.2	12.2

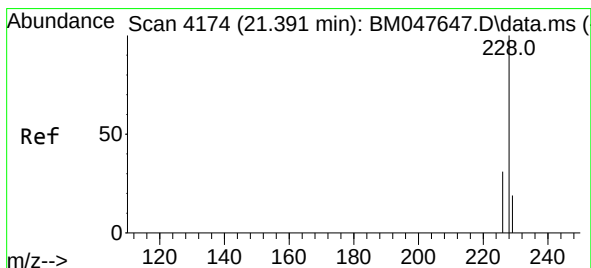
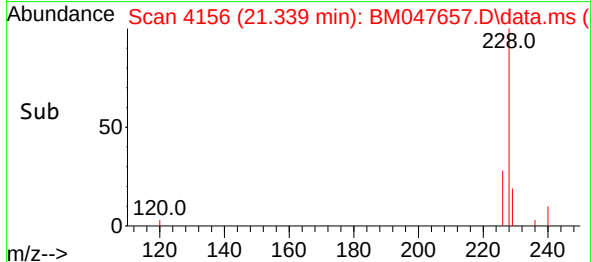
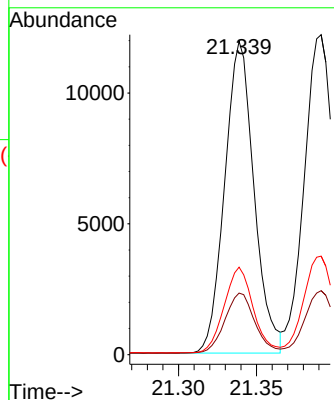
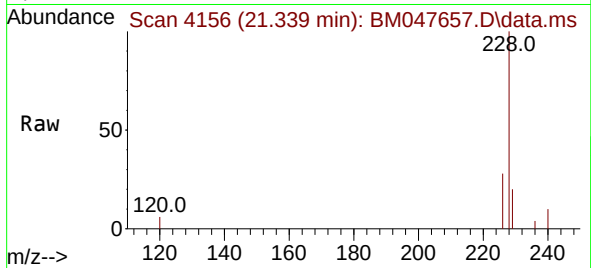




#21
Benzo(a)anthracene
Concen: 0.354 ng/u1
RT: 21.339 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM047657.D
Acq: 26 Sep 2024 23:24

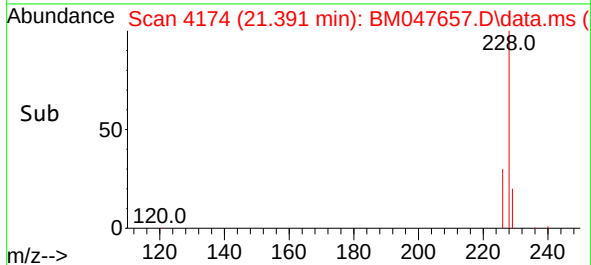
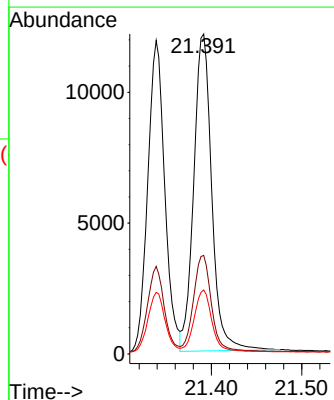
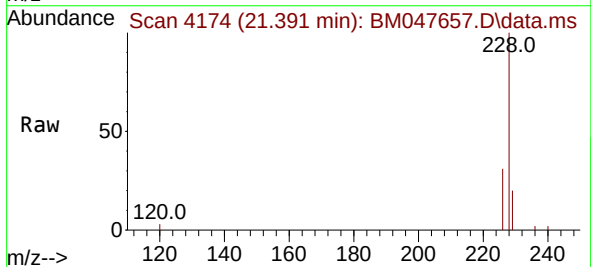
Instrument :
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P4164-01MSD

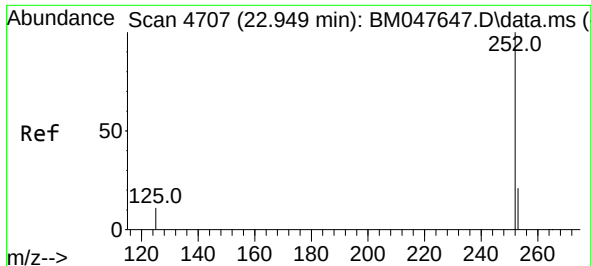
Tgt Ion:228	Resp:	15599
Ion	Ratio	Lower Upper
228	100	
229	19.7	15.9 23.9
226	27.9	22.1 33.1



#22
Chrysene
Concen: 0.366 ng/u1
RT: 21.391 min Scan# 4174
Delta R.T. -0.003 min
Lab File: BM047657.D
Acq: 26 Sep 2024 23:24

Tgt Ion:228	Resp:	16763
Ion	Ratio	Lower Upper
228	100	
226	30.8	24.4 36.6
229	20.0	15.7 23.5

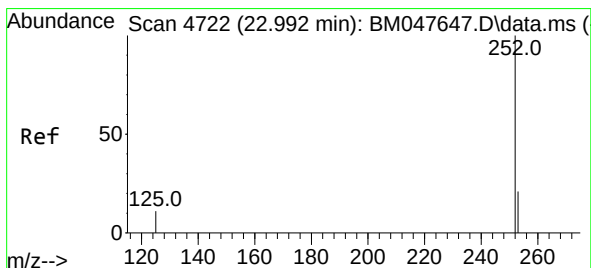
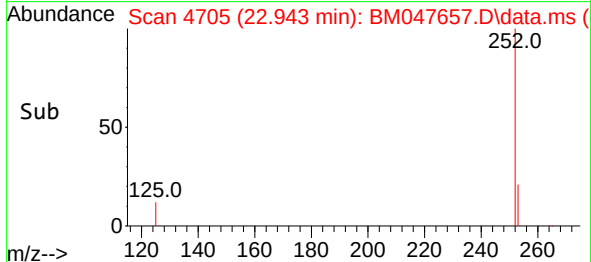
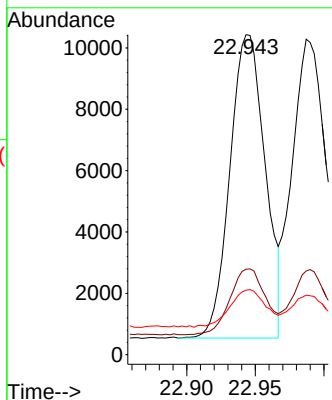
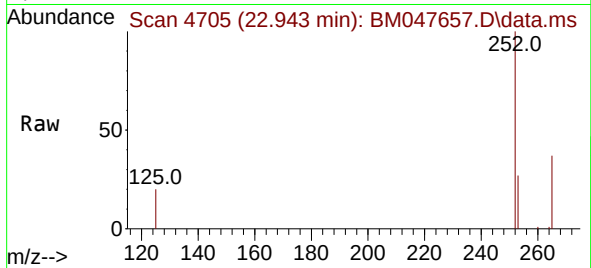




#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul
RT: 22.943 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM047657.D
Acq: 26 Sep 2024 23:24

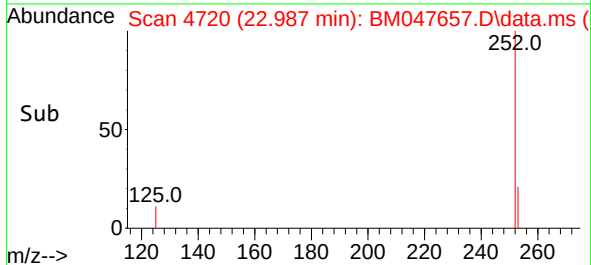
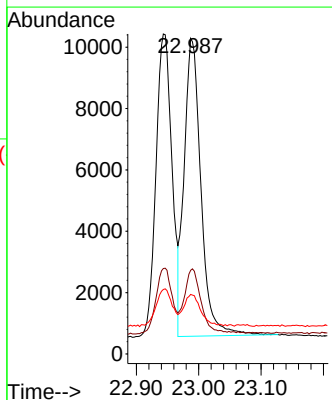
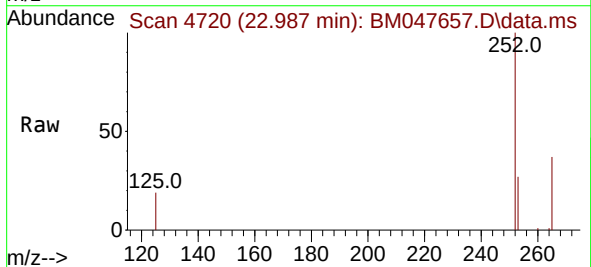
Instrument :
BNA_M
ClientSampleId :
P4164-01MSD

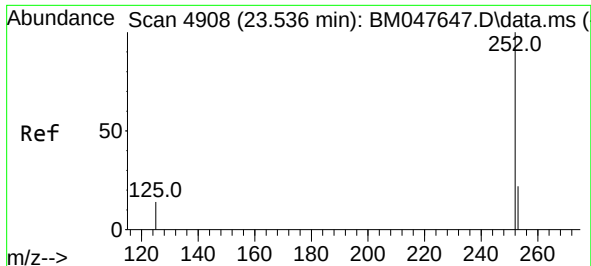
Tgt Ion:252 Resp: 17651
Ion Ratio Lower Upper
252 100
253 26.7 0.0 52.4
125 20.1 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul
RT: 22.987 min Scan# 4720
Delta R.T. -0.006 min
Lab File: BM047657.D
Acq: 26 Sep 2024 23:24

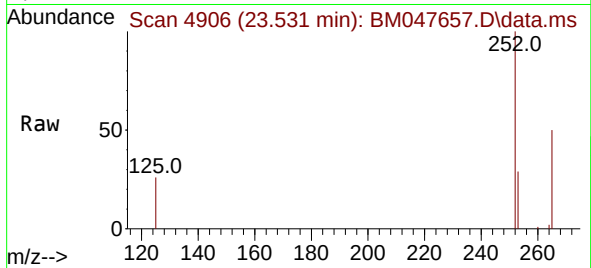
Tgt Ion:252 Resp: 18190
Ion Ratio Lower Upper
252 100
253 26.5 21.0 31.6
125 18.9 14.6 21.8



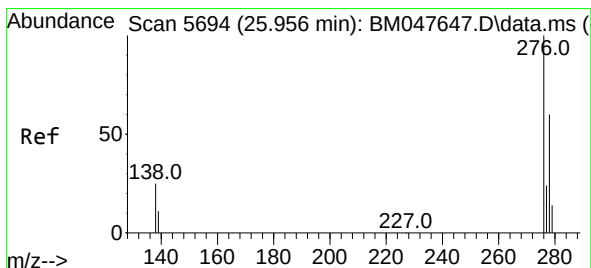
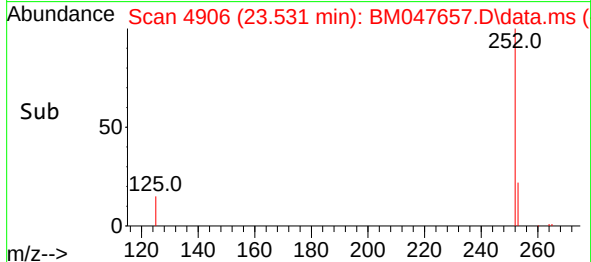
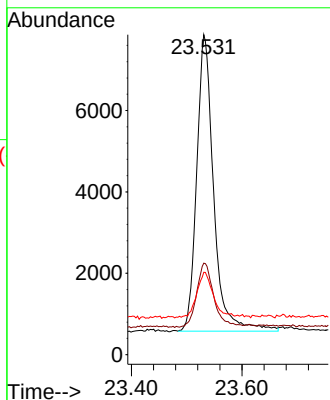


#26
Benzo(a)pyrene
Concen: 0.401 ng/ul
RT: 23.531 min Scan# 4906
Delta R.T. -0.003 min
Lab File: BM047657.D
Acq: 26 Sep 2024 23:24

Instrument :
BNA_M
ClientSampleId :
P4164-01MSD

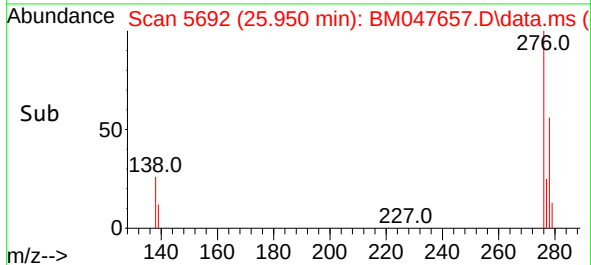
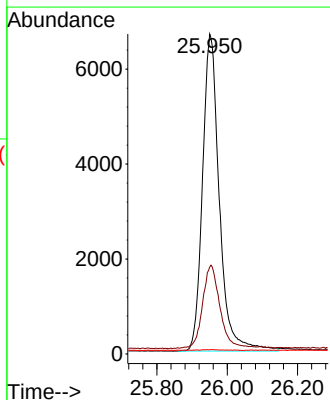
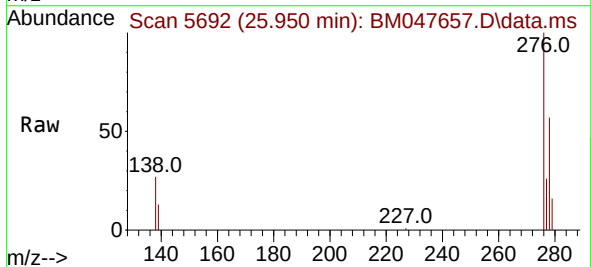


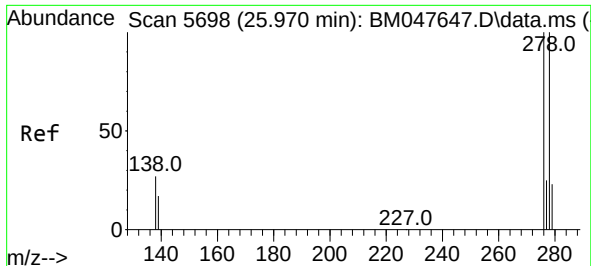
Tgt Ion:	252	Resp:	15519
Ion Ratio	Lower	Upper	
252	100		
253	28.6	23.0	34.4
125	25.8	18.8	28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng/ul
RT: 25.950 min Scan# 5692
Delta R.T. -0.010 min
Lab File: BM047657.D
Acq: 26 Sep 2024 23:24

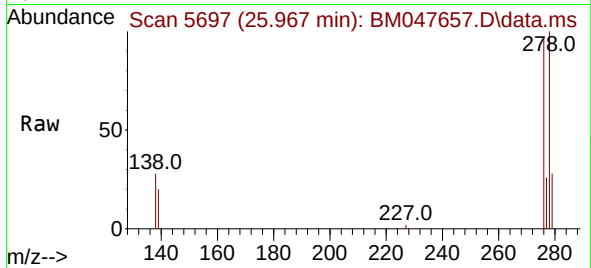
Tgt Ion:	276	Resp:	22173
Ion Ratio	Lower	Upper	
276	100		
138	27.2	22.0	33.0
227	0.1	0.2	0.4



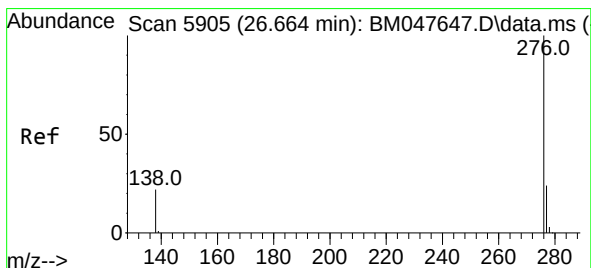
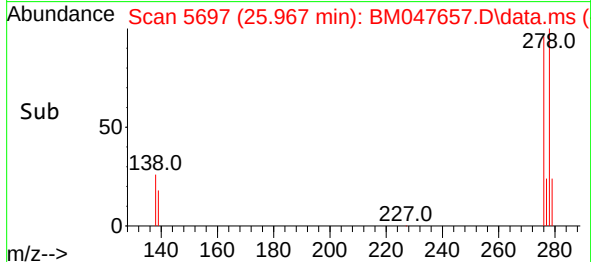
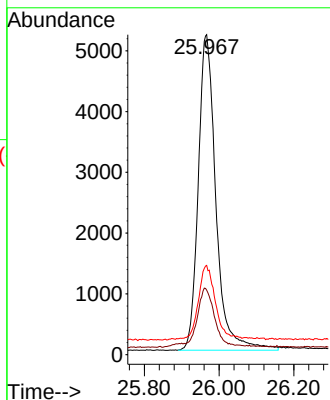


#28
Dibenzo(a,h)anthracene
Concen: 0.366 ng/ul
RT: 25.967 min Scan# 5697
Delta R.T. -0.006 min
Lab File: BM047657.D
Acq: 26 Sep 2024 23:24

Instrument :
BNA_M
ClientSampleId :
P4164-01MSD



Tgt Ion:278 Resp: 17028
Ion Ratio Lower Upper
278 100
139 20.2 16.8 25.2
279 27.9 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.364 ng/ul
RT: 26.661 min Scan# 5904
Delta R.T. -0.006 min
Lab File: BM047657.D
Acq: 26 Sep 2024 23:24

Tgt Ion:276 Resp: 17995
Ion Ratio Lower Upper
276 100
138 25.3 20.2 30.2
277 25.7 19.8 29.6

