

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
 Data File : BM035654.D
 Acq On : 24 Jun 2022 09:08
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 25 04:05:19 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

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

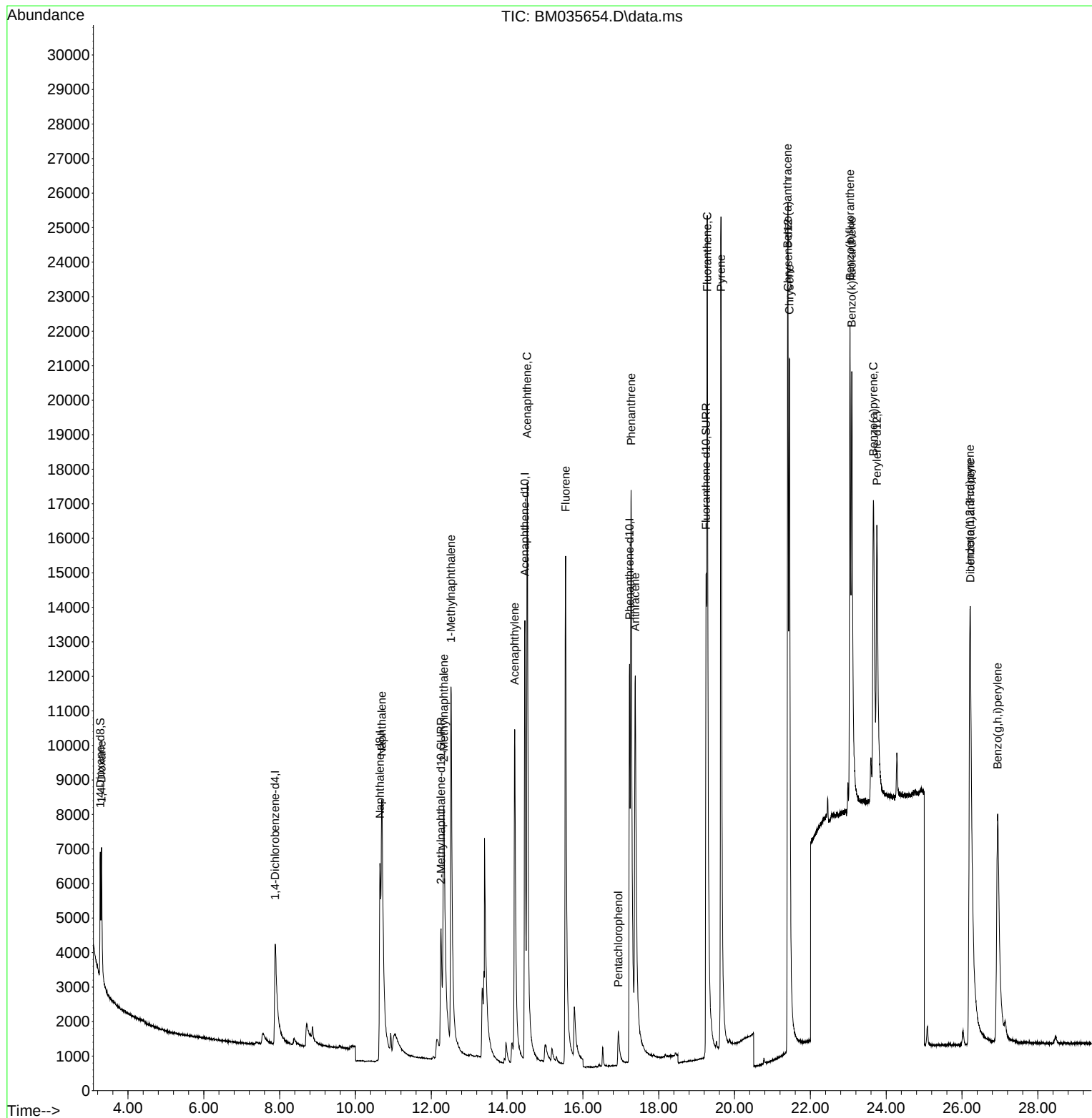
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	4124	0.400	ng/ul	0.03
4) Naphthalene-d8	10.644	136	18147	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	10491	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.229	188	21474	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	16605	0.400	ng/ul	0.00
23) Perylene-d12	23.756	264	14429	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	2688	0.463	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	11064	0.410	ng/ul	0.01
18) Fluoranthene-d10	19.247	212	23233	0.417	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.302	88	2628	0.455	ng/ul#	59
5) Naphthalene	10.699	128	19421	0.316	ng/ul	99
7) 2-Methylnaphthalene	12.332	142	11523	0.328	ng/ul	93
8) 1-Methylnaphthalene	12.519	142	12529	0.389	ng/ul	100
10) Acenaphthylene	14.200	152	21073	0.357	ng/ul	99
11) Acenaphthene	14.529	153	15806	0.361	ng/ul	99
12) Fluorene	15.542	166	17772	0.359	ng/ul	100
14) Pentachlorophenol	16.933	266	1460	0.354	ng/ul	98
15) Phenanthrene	17.271	178	27231	0.346	ng/ul	98
16) Anthracene	17.381	178	23005	0.334	ng/ul	99
19) Fluoranthene	19.280	202	30373	0.358	ng/ul	98
20) Pyrene	19.642	202	33883	0.381	ng/ul	98
21) Benzo(a)anthracene	21.400	228	20124	0.320	ng/ul	99
22) Chrysene	21.447	228	25612	0.343	ng/ul	100
24) Benzo(b)fluoranthene	23.043	252	21377	0.338	ng/ul	99
25) Benzo(k)fluoranthene	23.092	252	21101	0.322	ng/ul	98
26) Benzo(a)pyrene	23.662	252	22098	0.337	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.208	276	25486	0.338	ng/ul	98
28) Dibenzo(a,h)anthracene	26.222	278	20591	0.334	ng/ul	97
29) Benzo(g,h,i)perylene	26.940	276	22881	0.339	ng/ul	97

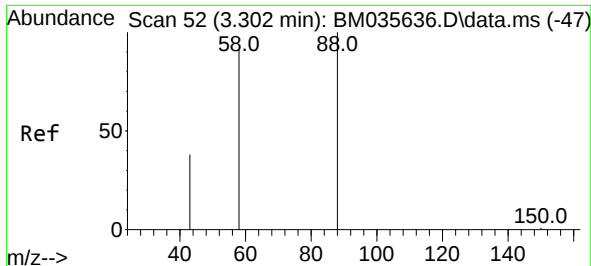
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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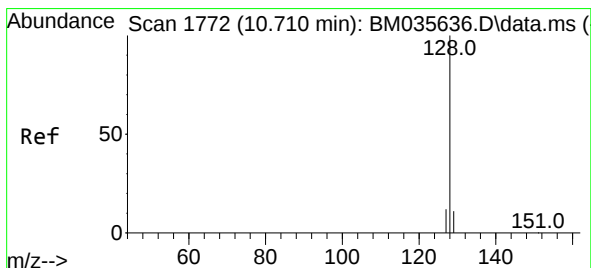
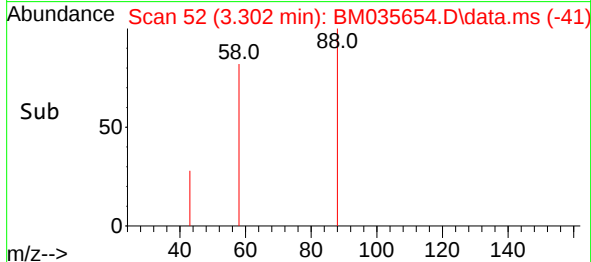
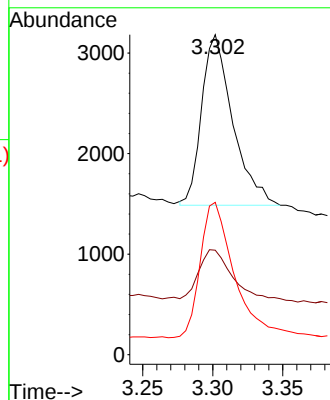
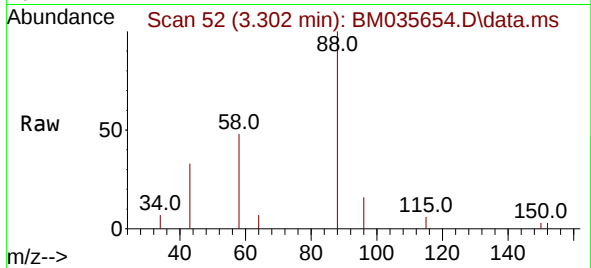




#2
1,4-Dioxane
Concen: 0.455 ng/ul
RT: 3.302 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM035654.D
Acq: 24 Jun 2022 09:08

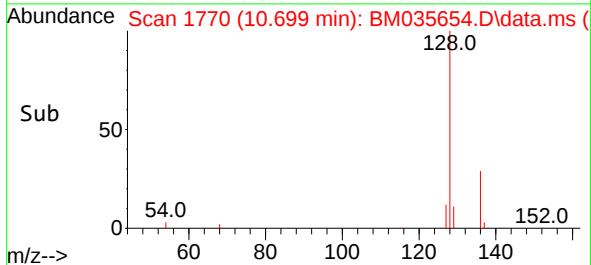
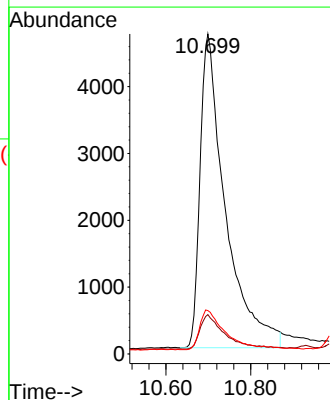
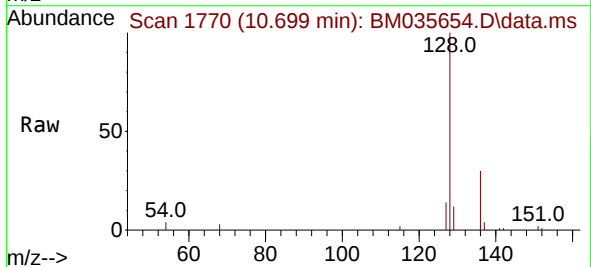
Instrument :
BNA_M
ClientSampleId :

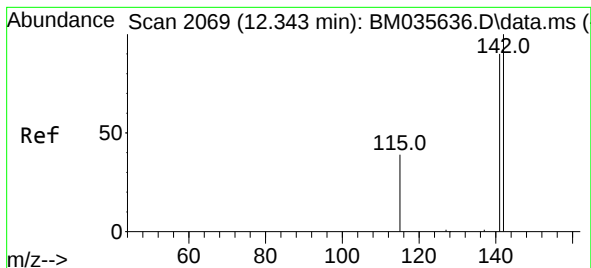
Tgt Ion: 88 Resp: 2628
Ion Ratio Lower Upper
88 100
43 32.6 70.4 105.6#
58 47.6 45.6 68.4



#5
Naphthalene
Concen: 0.316 ng/ul
RT: 10.699 min Scan# 1770
Delta R.T. 0.006 min
Lab File: BM035654.D
Acq: 24 Jun 2022 09:08

Tgt Ion: 128 Resp: 19421
Ion Ratio Lower Upper
128 100
129 12.3 10.1 15.1
127 13.5 11.4 17.2





#7

2-Methylnaphthalene

Concen: 0.328 ng/ul

RT: 12.332 min Scan# 2067

Delta R.T. 0.011 min

Lab File: BM035654.D

Acq: 24 Jun 2022 09:08

Instrument :

BNA_M

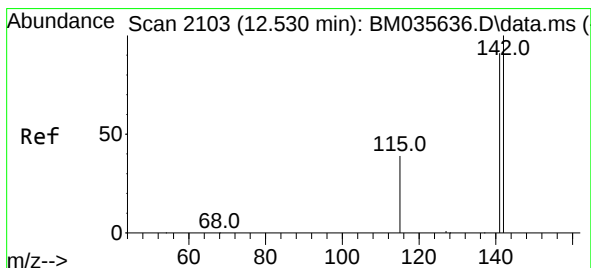
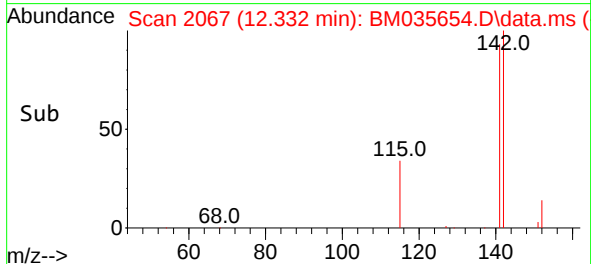
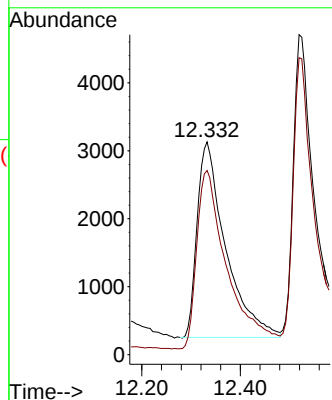
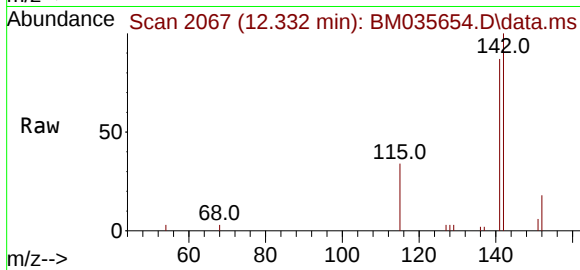
ClientSampleId :

Tgt Ion:142 Resp: 11523

Ion Ratio Lower Upper

142 100

141 99.4 73.8 110.8



#8

1-Methylnaphthalene

Concen: 0.389 ng/ul

RT: 12.519 min Scan# 2101

Delta R.T. -0.005 min

Lab File: BM035654.D

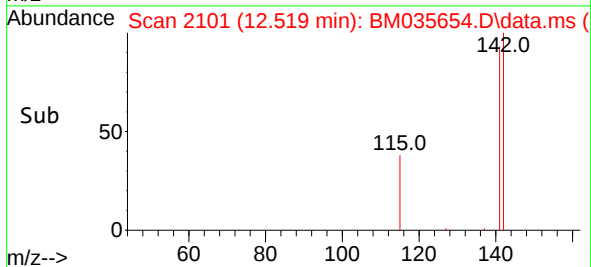
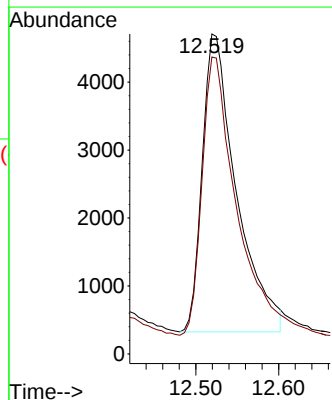
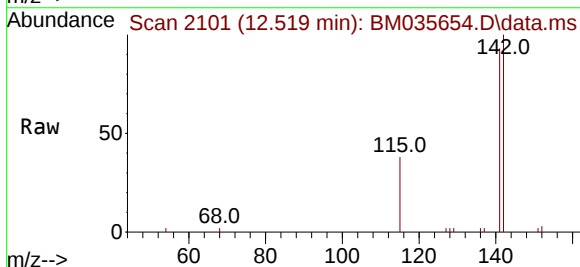
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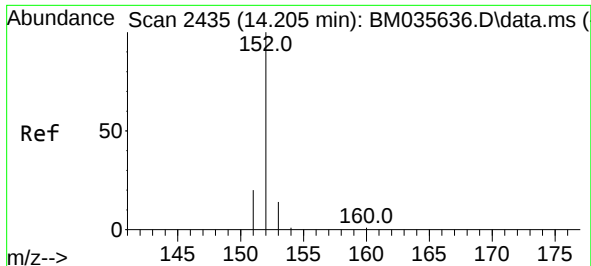
Tgt Ion:142 Resp: 12529

Ion Ratio Lower Upper

142 100

141 93.3 74.6 111.8

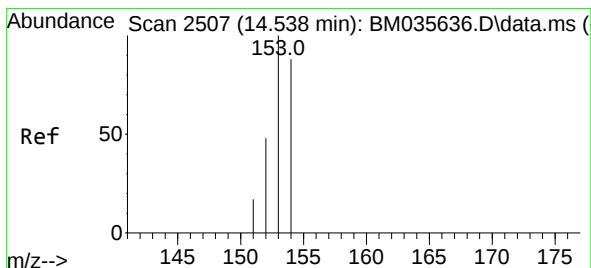
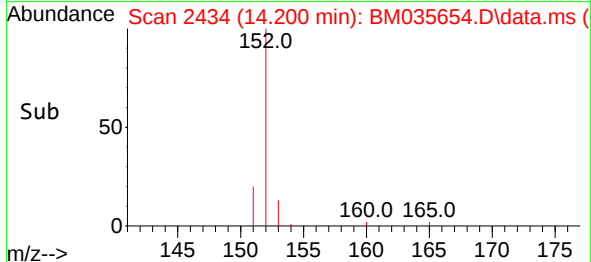
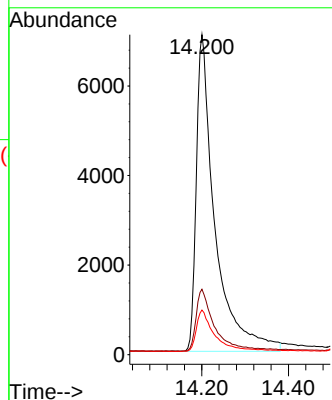
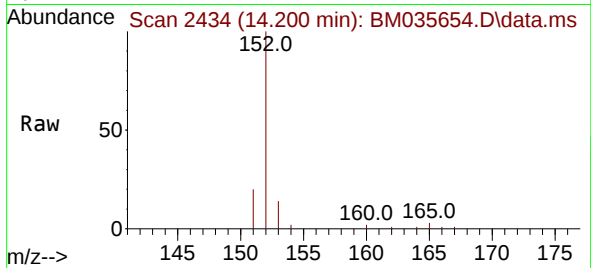




#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.200 min Scan# 2435
Delta R.T. -0.001 min
Lab File: BM035654.D
Acq: 24 Jun 2022 09:08

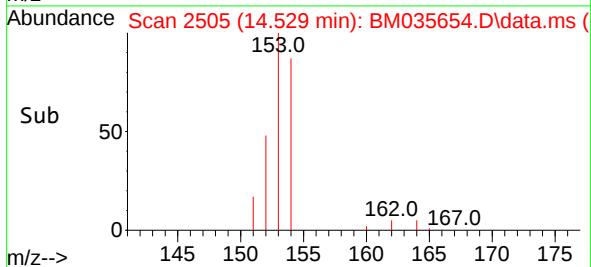
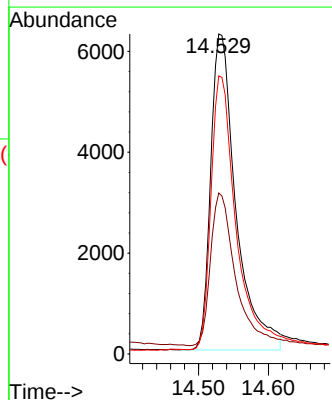
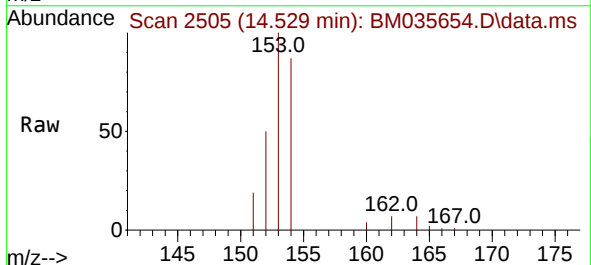
Instrument :
BNA_M
ClientSampleId :

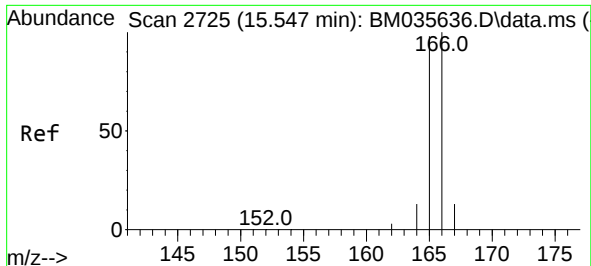
Tgt Ion:152 Resp: 21073
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BM035654.D
Acq: 24 Jun 2022 09:08

Tgt Ion:153 Resp: 15806
Ion Ratio Lower Upper
153 100
152 50.3 40.0 60.0
154 86.9 69.1 103.7

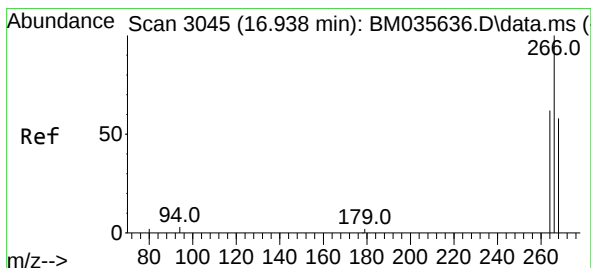
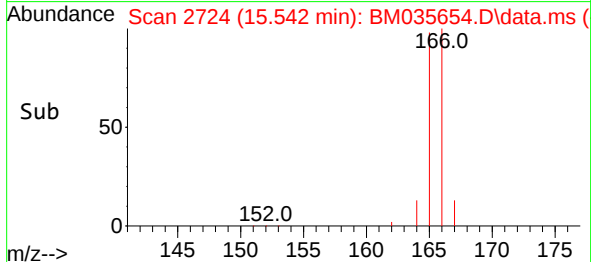
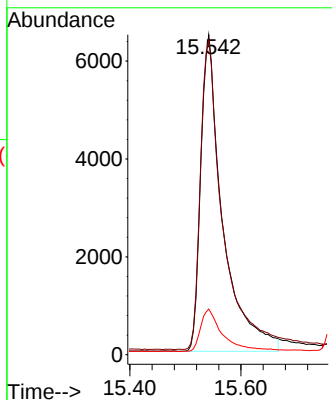
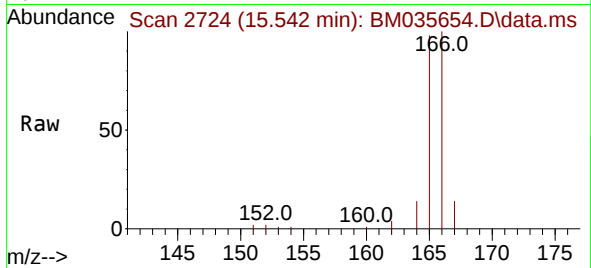




#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.542 min Scan# 21
Delta R.T. 0.004 min
Lab File: BM035654.D
Acq: 24 Jun 2022 09:08

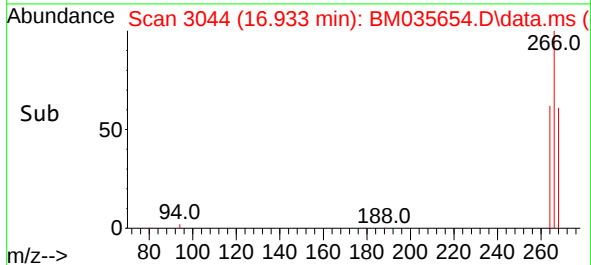
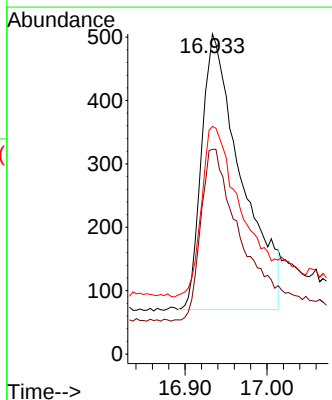
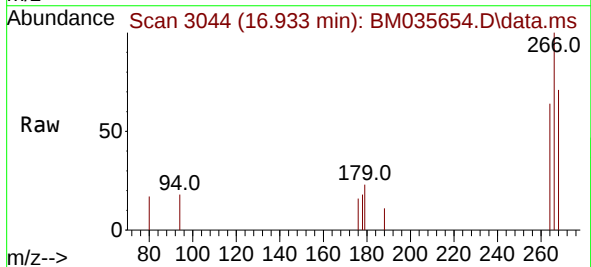
Instrument :
BNA_M
ClientSampleId :

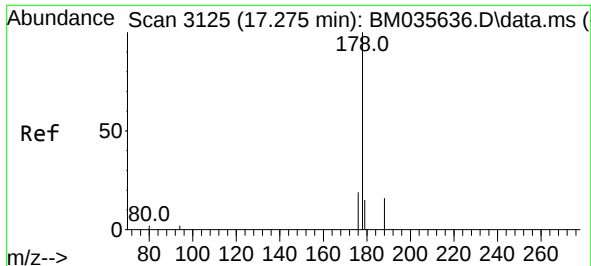
Tgt Ion:166 Resp: 17772
Ion Ratio Lower Upper
166 100
165 98.2 78.7 118.1
167 14.3 11.6 17.4



#14
Pentachlorophenol
Concen: 0.354 ng/ul
RT: 16.933 min Scan# 3044
Delta R.T. 0.003 min
Lab File: BM035654.D
Acq: 24 Jun 2022 09:08

Tgt Ion:266 Resp: 1460
Ion Ratio Lower Upper
266 100
264 61.4 51.0 76.4
268 63.8 51.7 77.5

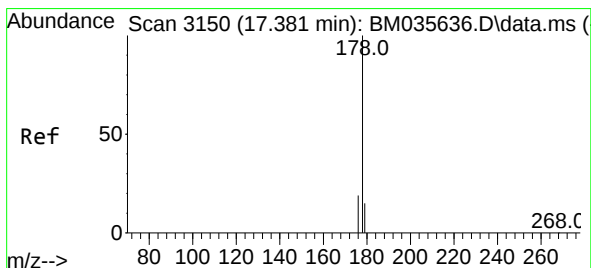
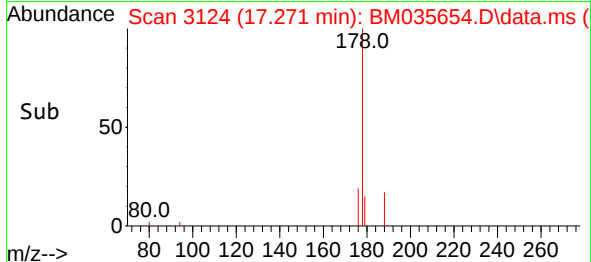
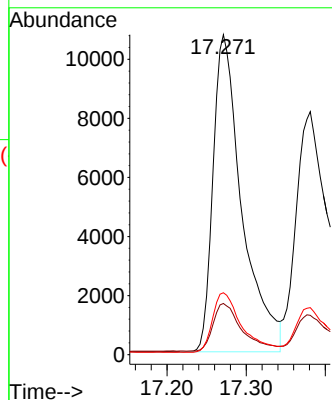
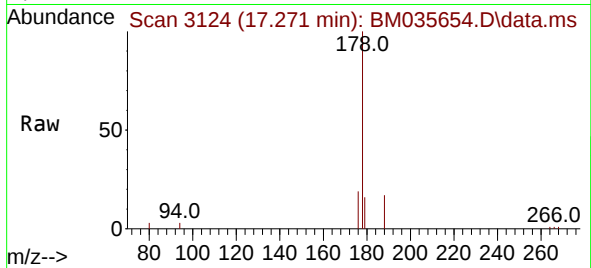




#15
Phenanthrene
Concen: 0.346 ng/u1
RT: 17.271 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BM035654.D
Acq: 24 Jun 2022 09:08

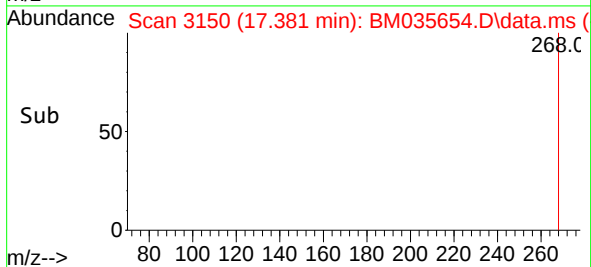
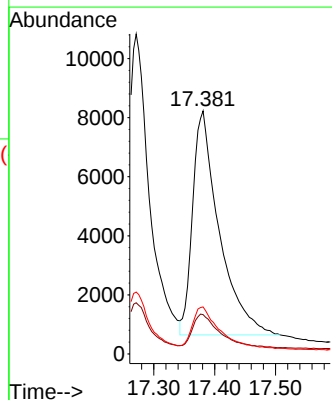
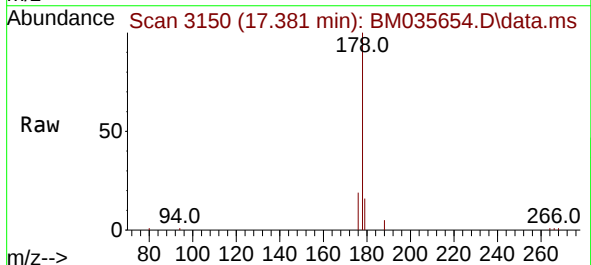
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BNA_M
ClientSampleId :

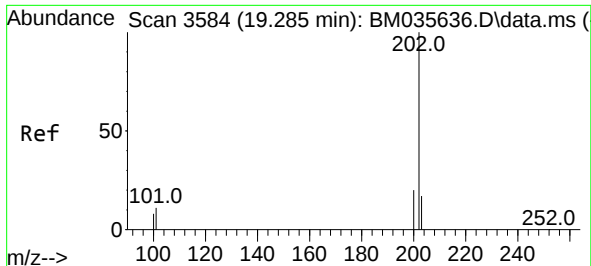
Tgt Ion:178 Resp: 27231
Ion Ratio Lower Upper
178 100
179 16.0 13.2 19.8
176 19.3 16.2 24.4



#16
Anthracene
Concen: 0.334 ng/u1
RT: 17.381 min Scan# 3150
Delta R.T. 0.008 min
Lab File: BM035654.D
Acq: 24 Jun 2022 09:08

Tgt Ion:178 Resp: 23005
Ion Ratio Lower Upper
178 100
179 16.2 13.4 20.0
176 19.3 15.9 23.9

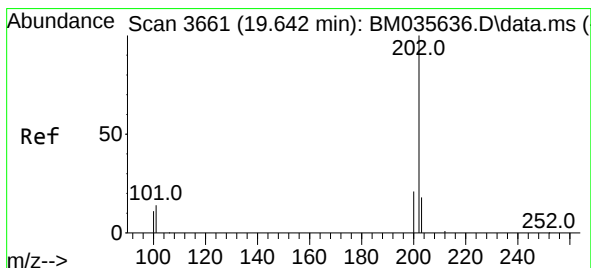
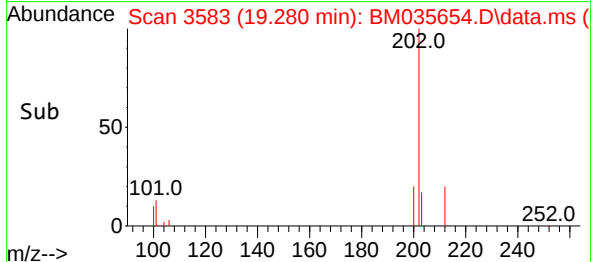
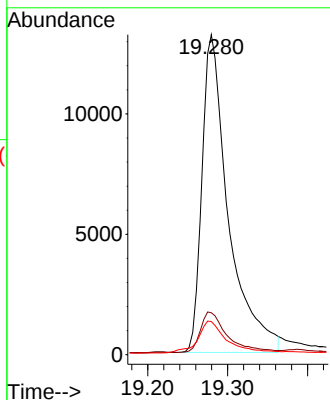
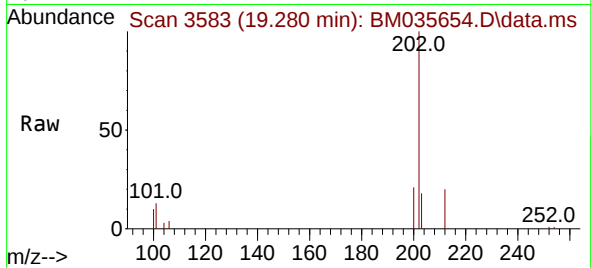




#19
Fluoranthene
Concen: 0.358 ng/ul
RT: 19.280 min Scan# 3583
Delta R.T. -0.006 min
Lab File: BM035654.D
Acq: 24 Jun 2022 09:08

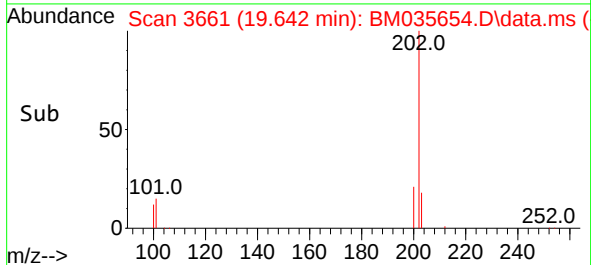
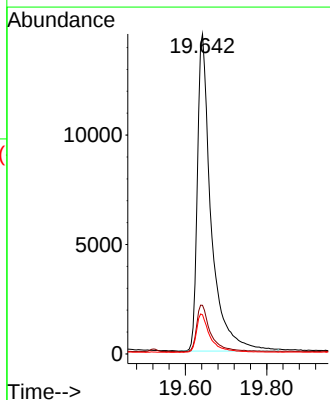
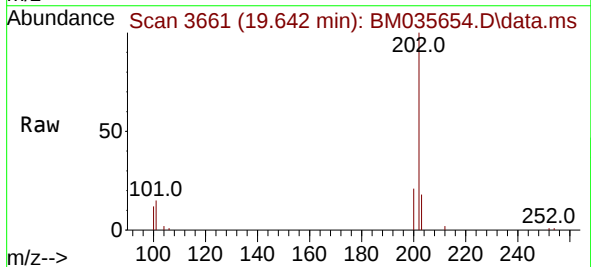
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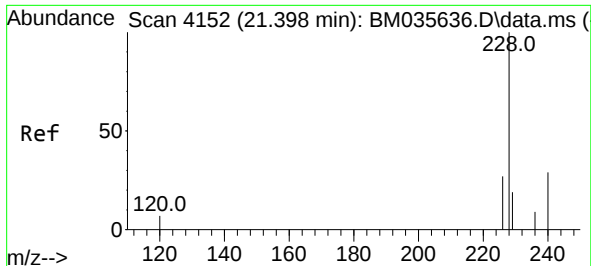
Tgt Ion:202 Resp: 30373
Ion Ratio Lower Upper
202 100
101 13.1 10.0 15.0
100 10.4 7.5 11.3



#20
Pyrene
Concen: 0.381 ng/ul
RT: 19.642 min Scan# 3661
Delta R.T. -0.006 min
Lab File: BM035654.D
Acq: 24 Jun 2022 09:08

Tgt Ion:202 Resp: 33883
Ion Ratio Lower Upper
202 100
101 15.2 11.6 17.4
100 12.3 9.3 13.9

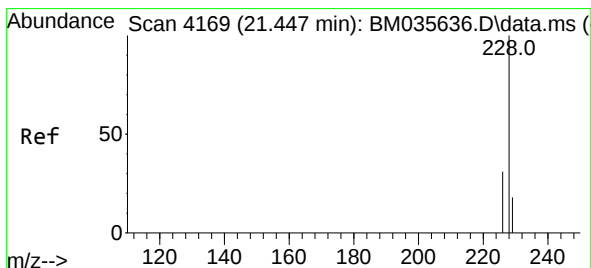
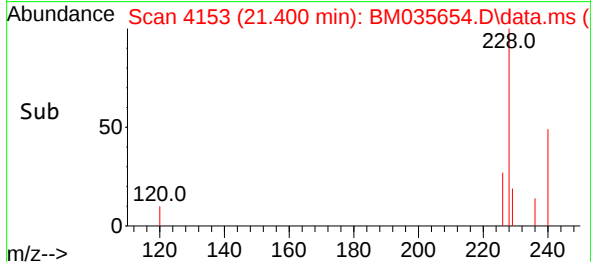
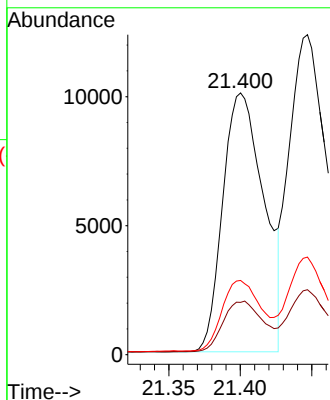
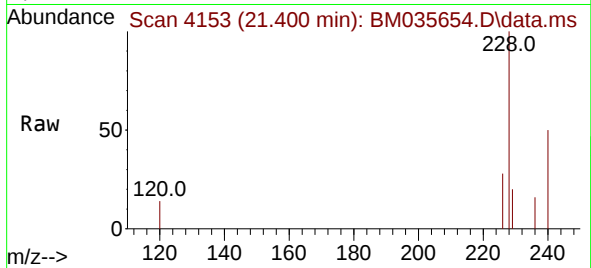




#21
Benzo(a)anthracene
Concen: 0.320 ng/ul
RT: 21.400 min Scan# 4152
Delta R.T. 0.000 min
Lab File: BM035654.D
Acq: 24 Jun 2022 09:08

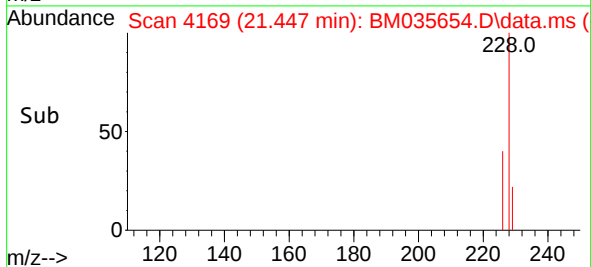
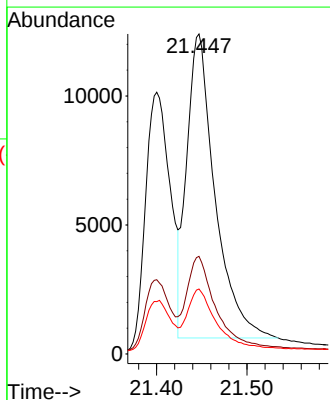
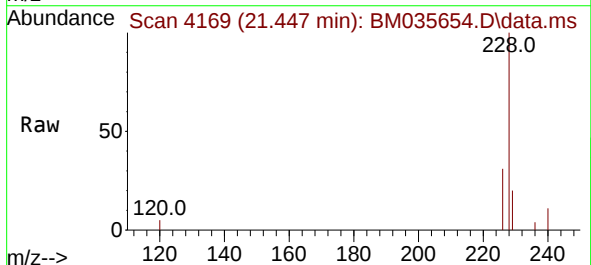
Instrument :
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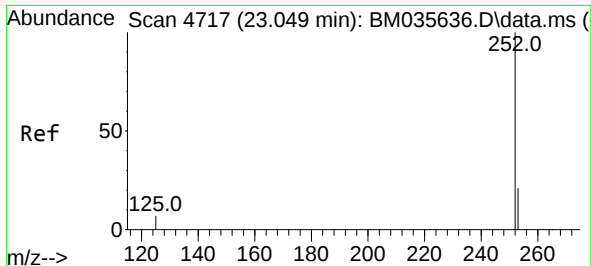
Tgt Ion:228 Resp: 20124
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 28.4 22.3 33.5



#22
Chrysene
Concen: 0.343 ng/ul
RT: 21.447 min Scan# 4169
Delta R.T. -0.002 min
Lab File: BM035654.D
Acq: 24 Jun 2022 09:08

Tgt Ion:228 Resp: 25612
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 20.3 15.8 23.8

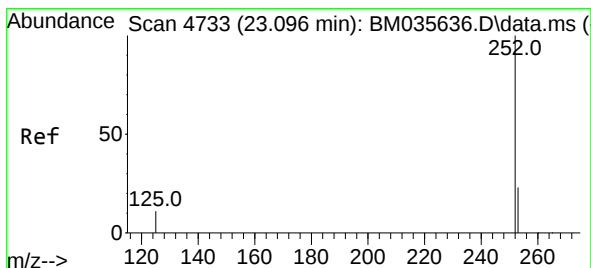
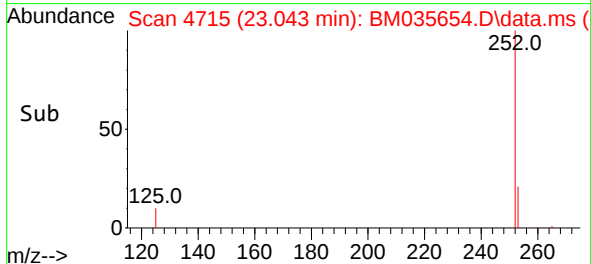
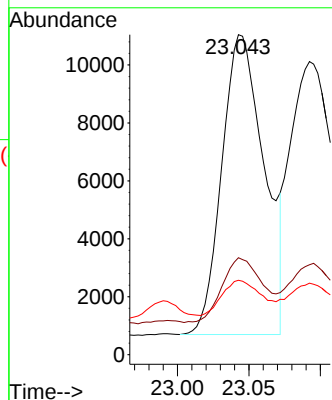
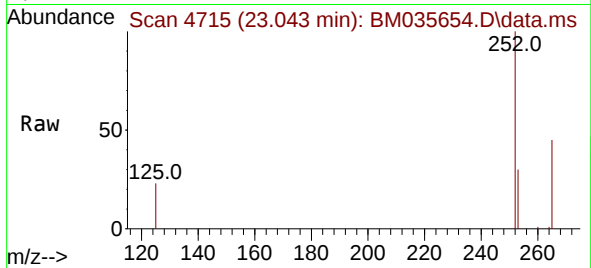




#24
Benzo(b)fluoranthene
Concen: 0.338 ng/ul
RT: 23.043 min Scan# 4715
Delta R.T. -0.008 min
Lab File: BM035654.D
Acq: 24 Jun 2022 09:08

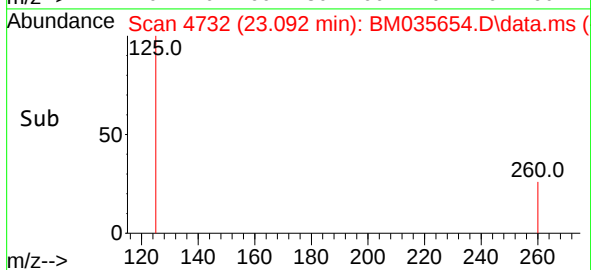
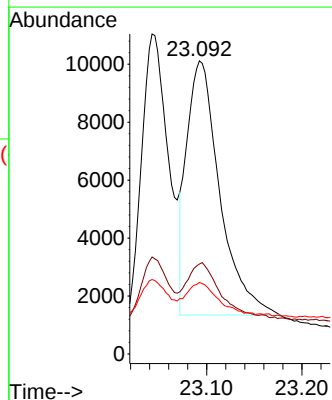
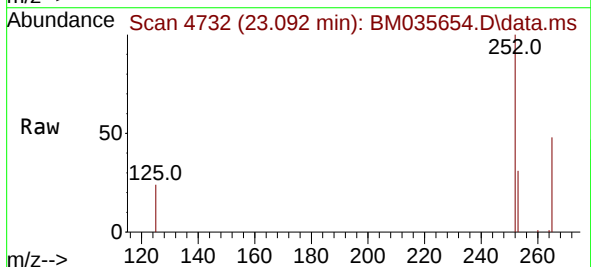
Instrument :
BNA_M
ClientSampleId :

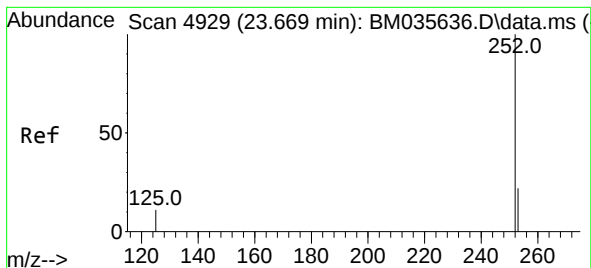
Tgt Ion:252 Resp: 21377
Ion Ratio Lower Upper
252 100
253 30.3 0.0 60.6
125 23.2 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.322 ng/ul
RT: 23.092 min Scan# 4732
Delta R.T. -0.005 min
Lab File: BM035654.D
Acq: 24 Jun 2022 09:08

Tgt Ion:252 Resp: 21101
Ion Ratio Lower Upper
252 100
253 30.7 24.7 37.1
125 24.4 18.2 27.4





#26

Benzo(a)pyrene

Concen: 0.337 ng/ul

RT: 23.662 min Scan# 4927

Delta R.T. -0.005 min

Lab File: BM035654.D

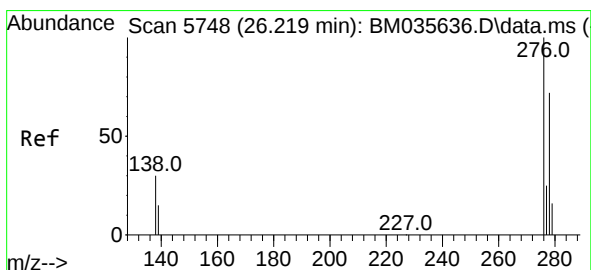
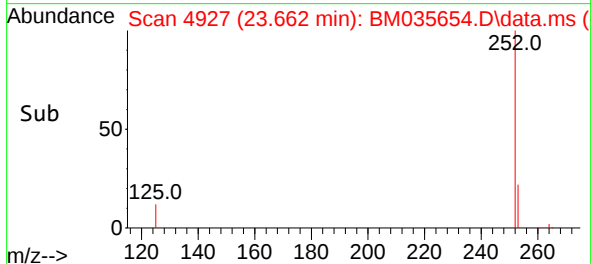
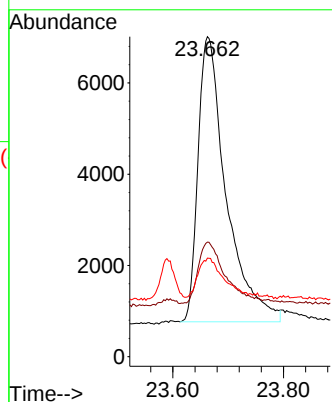
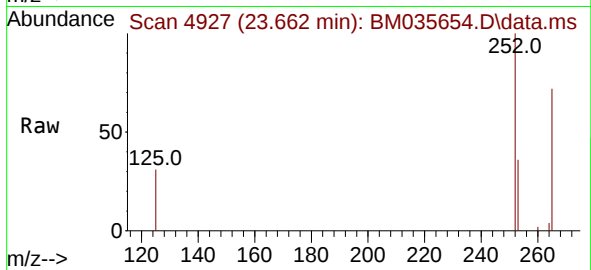
Acq: 24 Jun 2022 09:08

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	22098
Ion Ratio	Lower	Upper
252	100	
253	35.8	27.8 41.6
125	30.8	23.3 34.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.338 ng/ul

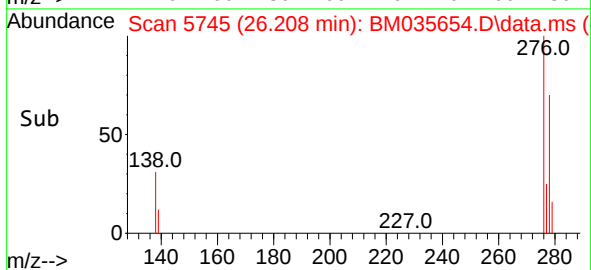
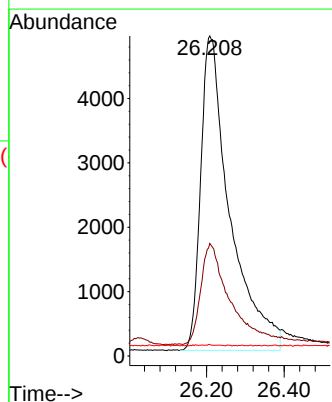
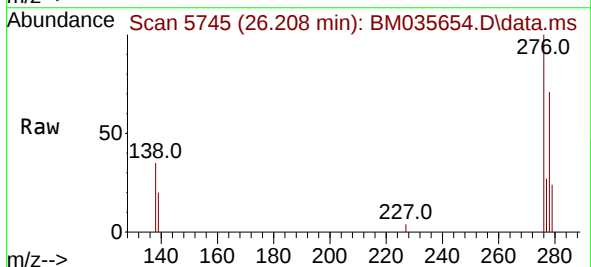
RT: 26.208 min Scan# 5745

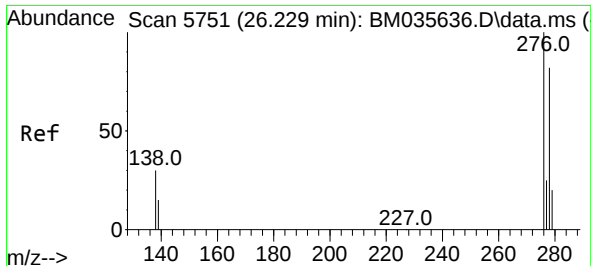
Delta R.T. -0.003 min

Lab File: BM035654.D

Acq: 24 Jun 2022 09:08

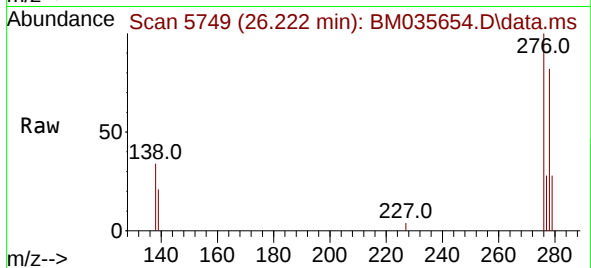
Tgt Ion:276	Resp:	25486
Ion Ratio	Lower	Upper
276	100	
138	32.2	24.8 37.2
227	0.1	0.1 0.1



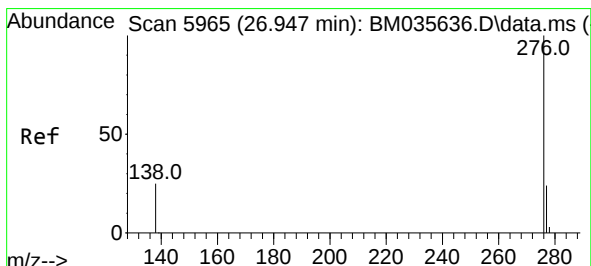
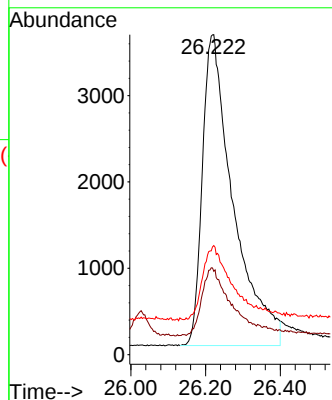
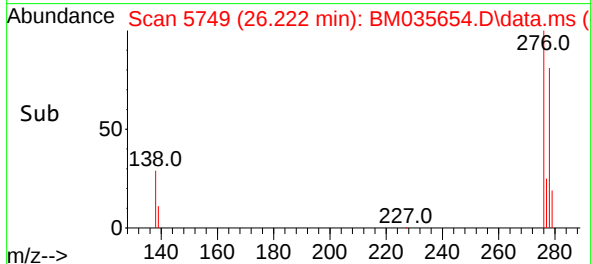


#28
Dibenzo(a,h)anthracene
Concen: 0.334 ng/ul
RT: 26.222 min Scan# 51
Delta R.T. 0.001 min
Lab File: BM035654.D
Acq: 24 Jun 2022 09:08

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 20591
Ion Ratio Lower Upper
278 100
139 26.0 19.1 28.7
279 34.1 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.339 ng/ul
RT: 26.940 min Scan# 5963
Delta R.T. -0.006 min
Lab File: BM035654.D
Acq: 24 Jun 2022 09:08

Tgt Ion:276 Resp: 22881
Ion Ratio Lower Upper
276 100
138 30.9 23.1 34.7
277 26.4 20.3 30.5

