

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
 Data File : BM037992.D
 Acq On : 14 Dec 2022 11:48
 Operator : CG/JU
 Sample : PB149616BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS616

Quant Time: Dec 14 23:25:50 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 01:30:33 2022
 Response via : Initial Calibration

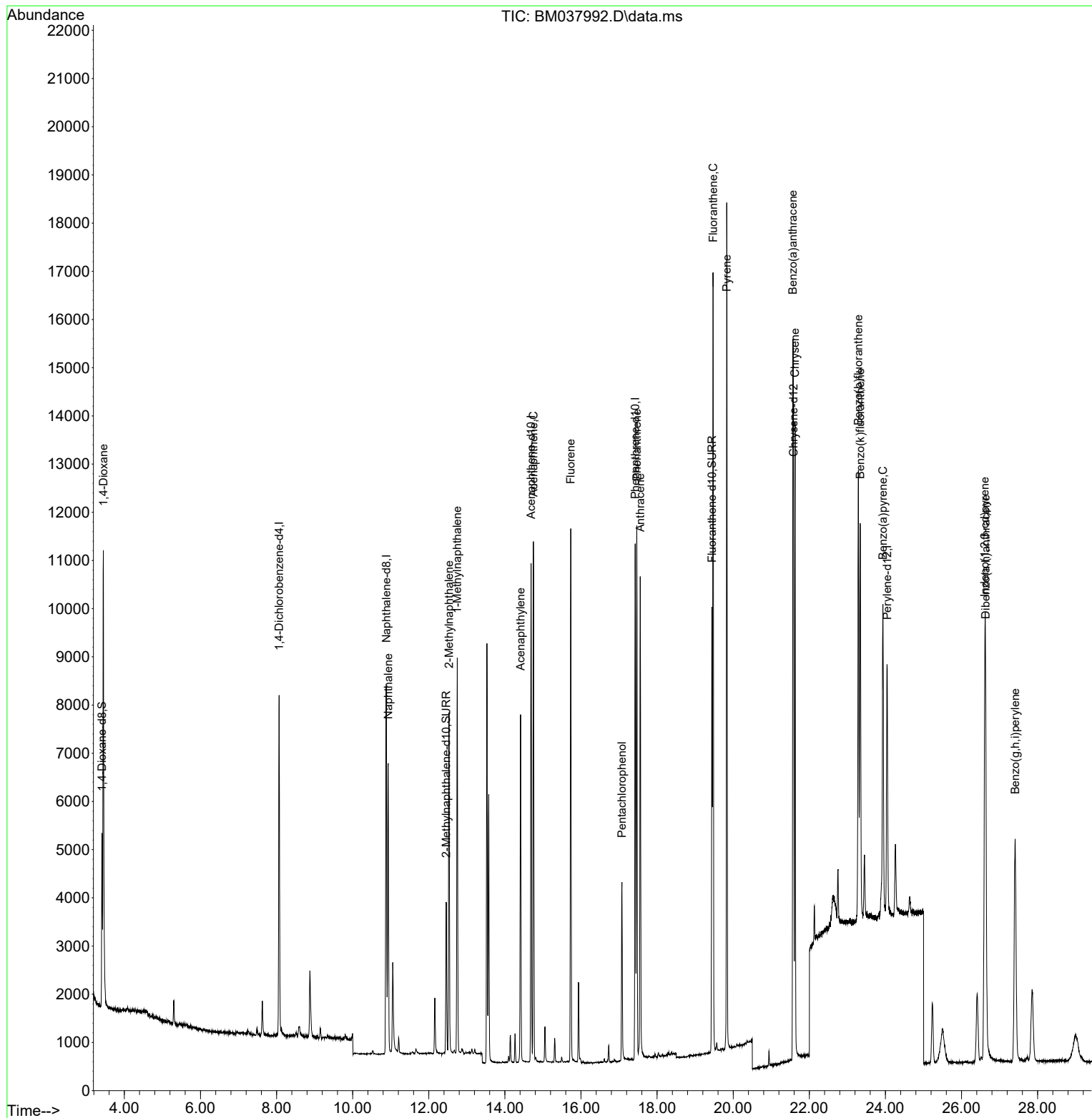
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	3702	0.400	ng/ul	0.00
4) Naphthalene-d8	10.884	136	10240	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	5343	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	11687	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	7794	0.400	ng/ul	0.00
23) Perylene-d12	24.044	264	7582	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	2582	0.495	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	4076	0.281	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	9056	0.341	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	6433	1.245	ng/ul#	65
5) Naphthalene	10.933	128	8473	0.271	ng/ul	99
7) 2-Methylnaphthalene	12.533	142	5142	0.279	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	5543	0.293	ng/ul	100
10) Acenaphthylene	14.412	152	7947	0.262	ng/ul	99
11) Acenaphthene	14.749	153	5979	0.275	ng/ul	95
12) Fluorene	15.730	166	6869	0.276	ng/ul	100
14) Pentachlorophenol	17.075	266	2480	0.499	ng/ul	97
15) Phenanthrene	17.468	178	11565	0.286	ng/ul	99
16) Anthracene	17.557	178	10777	0.291	ng/ul	99
19) Fluoranthene	19.473	202	13319	0.324	ng/ul	99
20) Pyrene	19.831	202	13657	0.327	ng/ul	97
21) Benzo(a)anthracene	21.571	228	11572	0.325	ng/ul	98
22) Chrysene	21.624	228	11698	0.316	ng/ul	99
24) Benzo(b)fluoranthene	23.290	252	11927	0.284	ng/ul	97
25) Benzo(k)fluoranthene	23.336	252	11516	0.292	ng/ul	95
26) Benzo(a)pyrene	23.933	252	9916	0.290	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.612	276	12440	0.299	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.632	278	9721	0.305	ng/ul	99
29) Benzo(g,h,i)perylene	27.410	276	10350	0.300	ng/ul	98

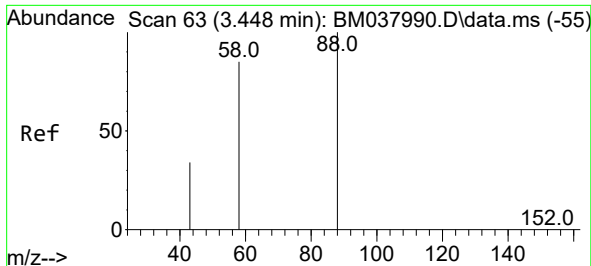
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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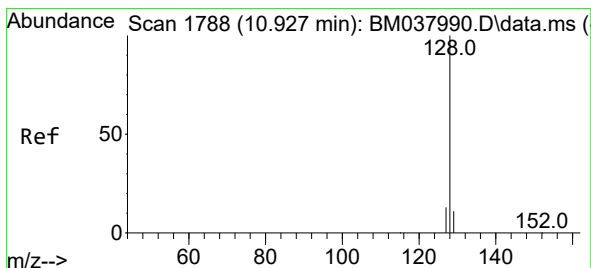
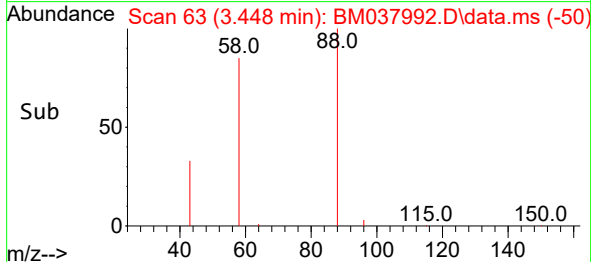
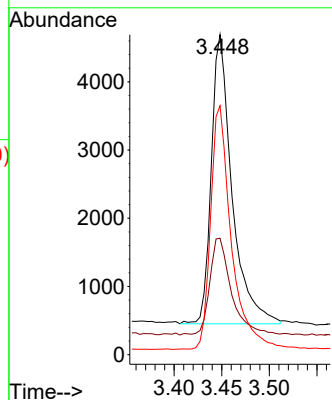
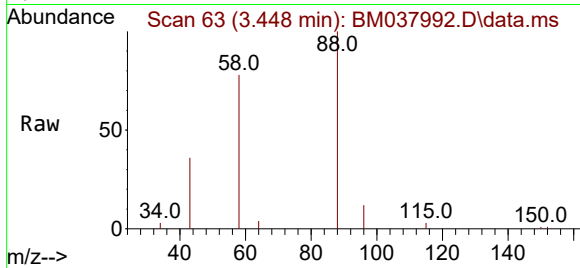




#2
1,4-Dioxane
Concen: 1.245 ng/ul
RT: 3.448 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

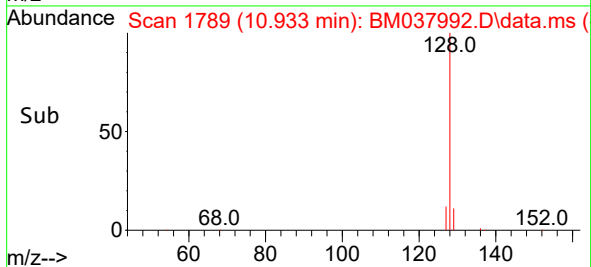
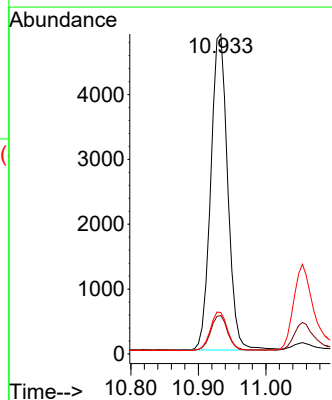
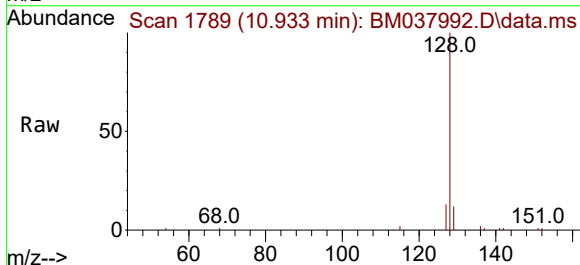
Instrument :
BNA_M
ClientSampleId :
SLCS616

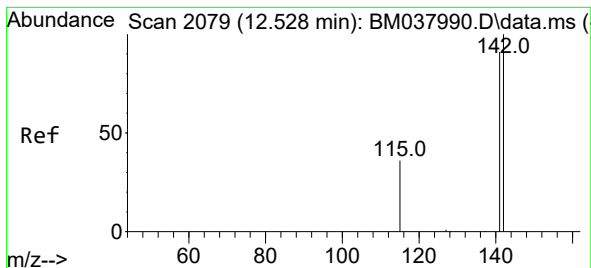
Tgt Ion: 88 Resp: 6433
Ion Ratio Lower Upper
88 100
43 36.4 25.5 38.3
58 77.8 33.8 50.8#



#5
Naphthalene
Concen: 0.271 ng/ul
RT: 10.933 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Tgt Ion: 128 Resp: 8473
Ion Ratio Lower Upper
128 100
129 12.0 9.7 14.5
127 13.0 10.8 16.2

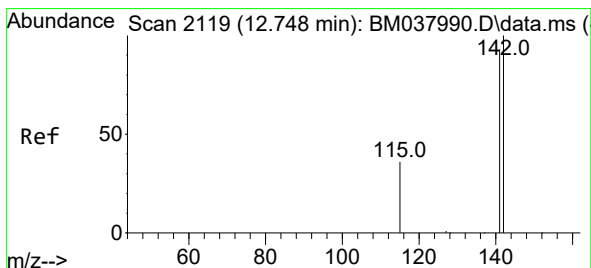
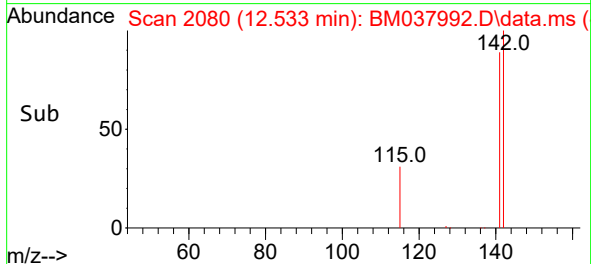
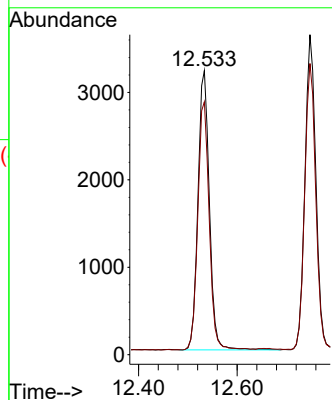
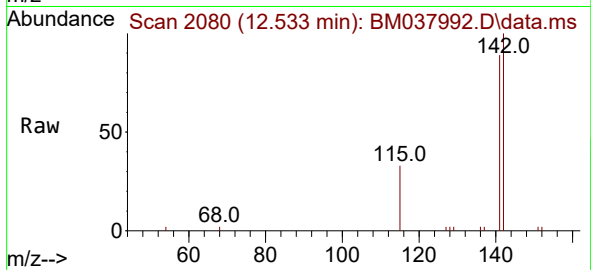




#7
2-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.533 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

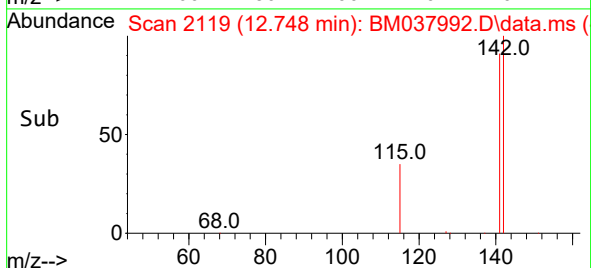
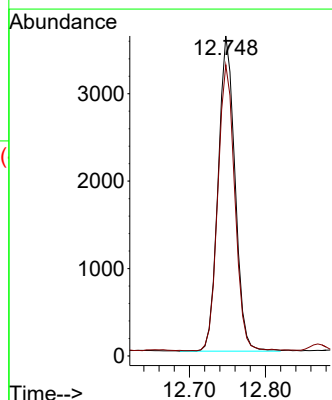
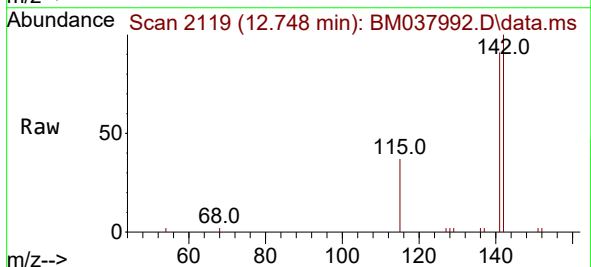
Instrument :
BNA_M
ClientSampleId :
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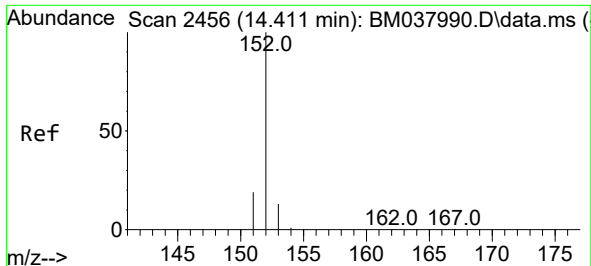
Tgt Ion:142 Resp: 5142
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Tgt Ion:142 Resp: 5543
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7

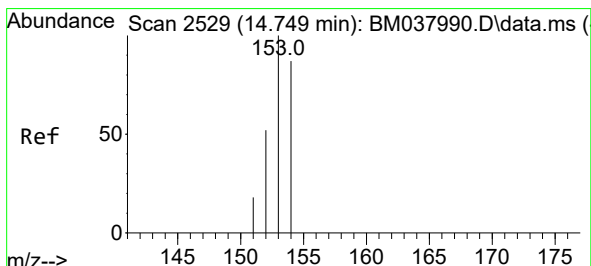
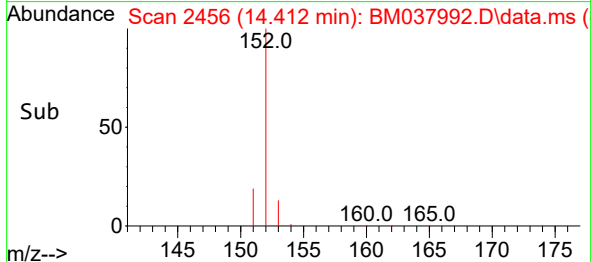
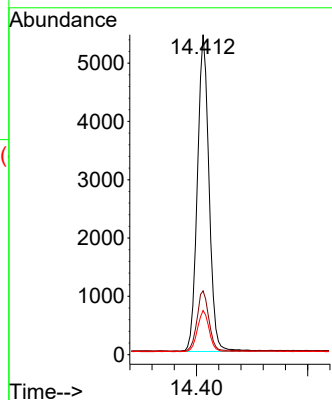
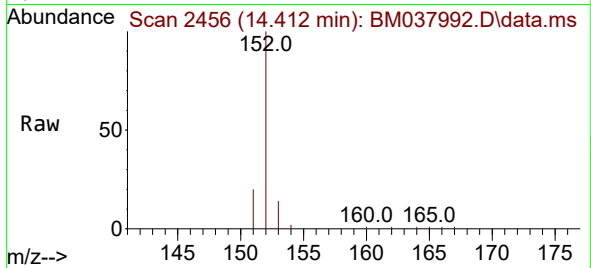




#10
Acenaphthylene
Concen: 0.262 ng/ul
RT: 14.412 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

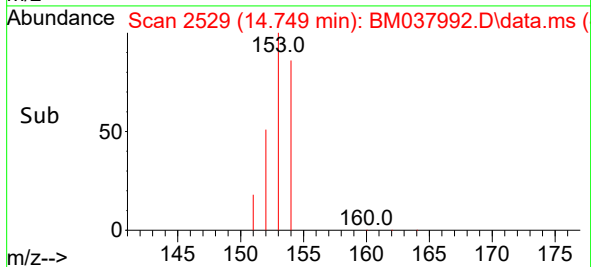
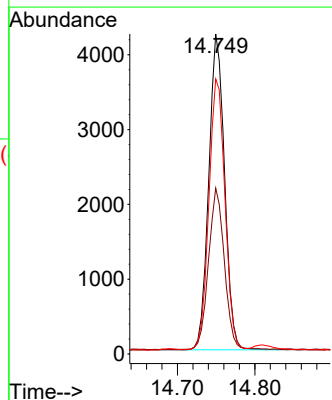
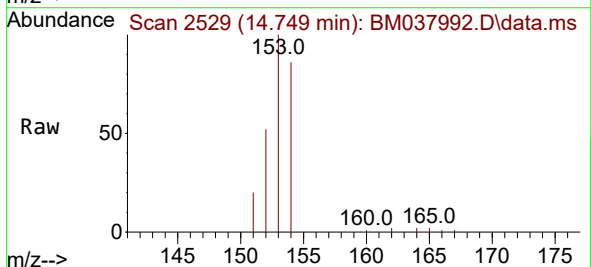
Instrument :
BNA_M
ClientSampleId :
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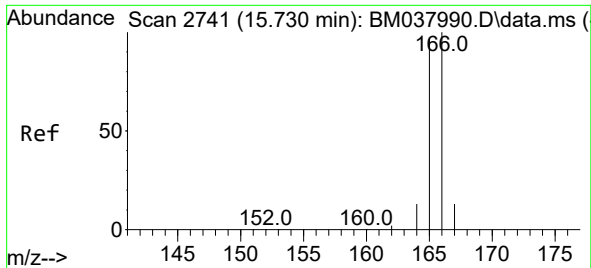
Tgt Ion:	152	Resp:	7947
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.8	23.8
153	13.8	10.7	16.1



#11
Acenaphthene
Concen: 0.275 ng/ul
RT: 14.749 min Scan# 2529
Delta R.T. -0.005 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Tgt Ion:	153	Resp:	5979
Ion Ratio	Lower	Upper	
153	100		
152	51.8	47.1	70.7
154	86.0	70.7	106.1

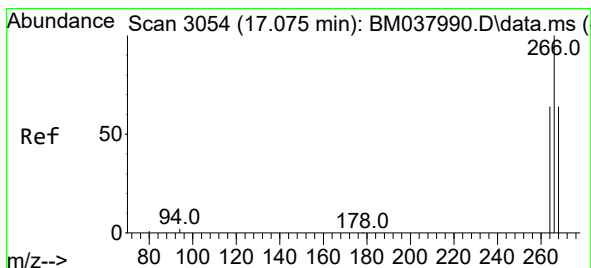
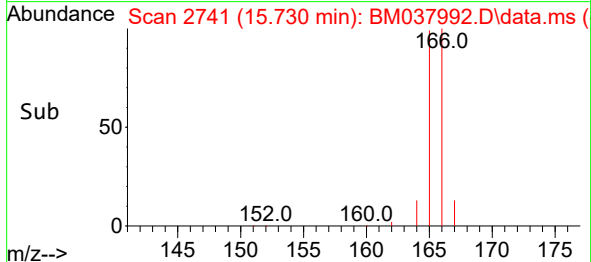
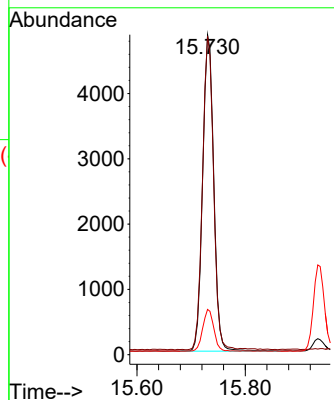
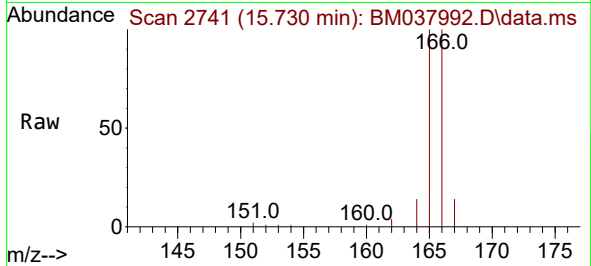




#12
Fluorene
Concen: 0.276 ng/ul
RT: 15.730 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

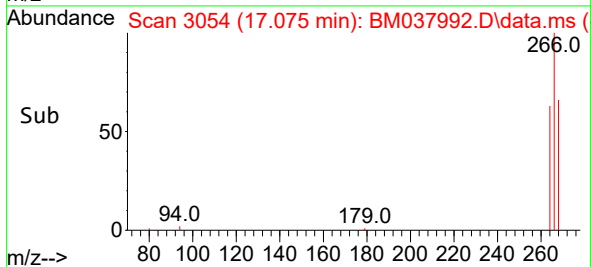
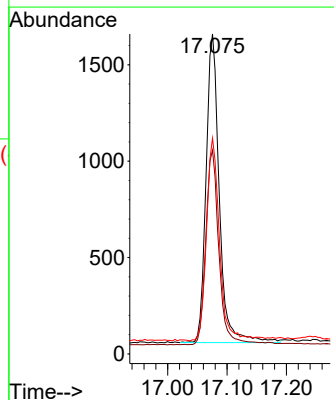
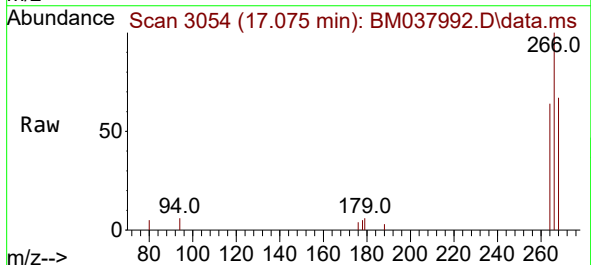
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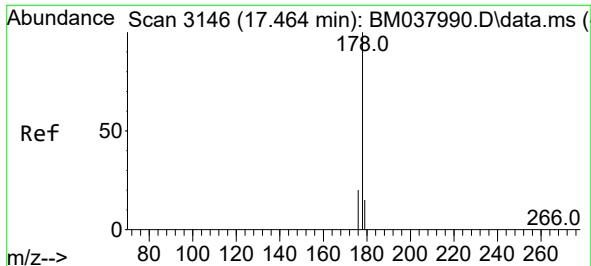
Tgt Ion:166 Resp: 6869
Ion Ratio Lower Upper
166 100
165 99.6 79.8 119.6
167 14.2 11.7 17.5



#14
Pentachlorophenol
Concen: 0.499 ng/ul
RT: 17.075 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Tgt Ion:266 Resp: 2480
Ion Ratio Lower Upper
266 100
264 62.8 50.9 76.3
268 66.3 50.4 75.6

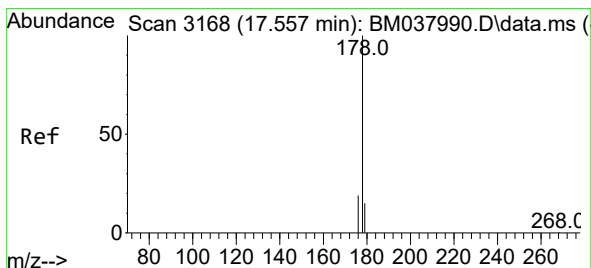
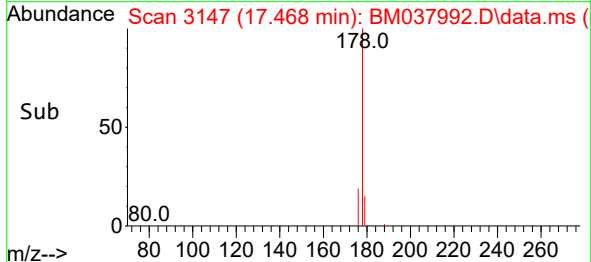
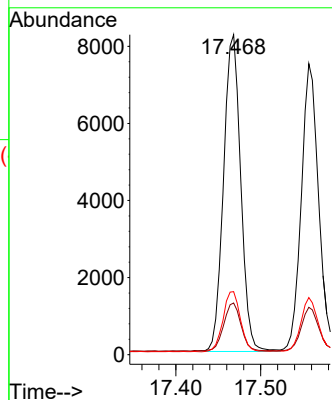
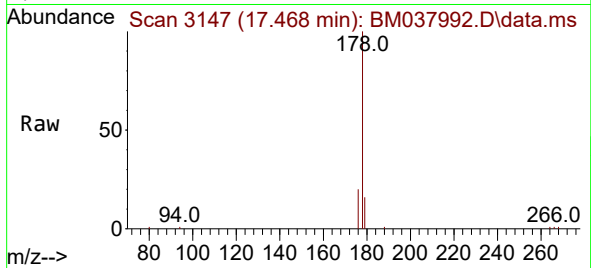




#15
Phenanthrene
Concen: 0.286 ng/ul
RT: 17.468 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

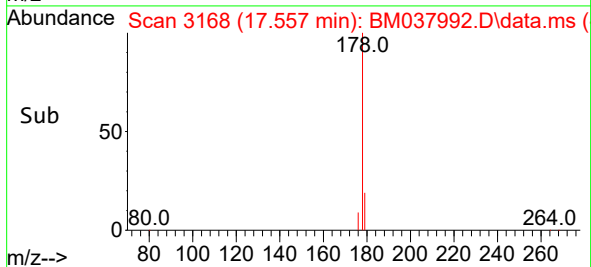
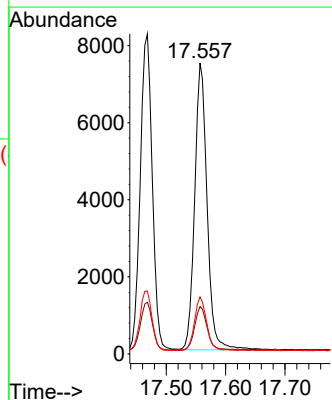
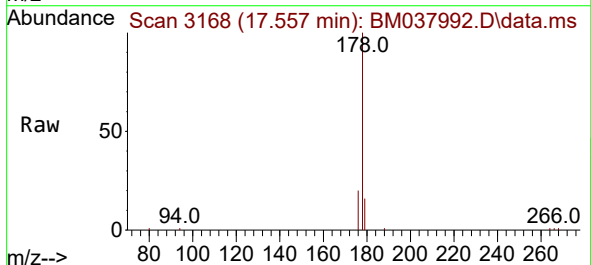
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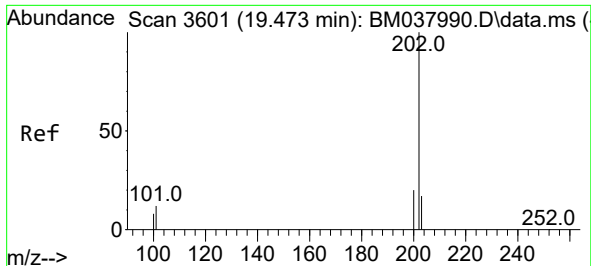
Tgt Ion:178 Resp: 11565
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 19.7 16.2 24.2



#16
Anthracene
Concen: 0.291 ng/ul
RT: 17.557 min Scan# 3168
Delta R.T. -0.004 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Tgt Ion:178 Resp: 10777
Ion Ratio Lower Upper
178 100
179 16.3 13.4 20.0
176 19.6 15.8 23.6

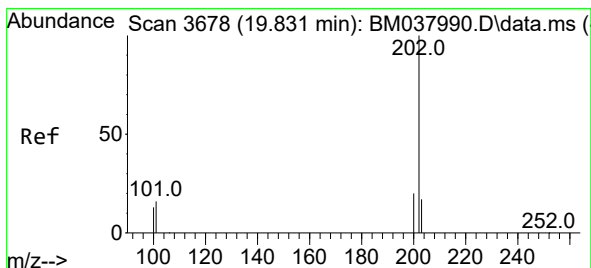
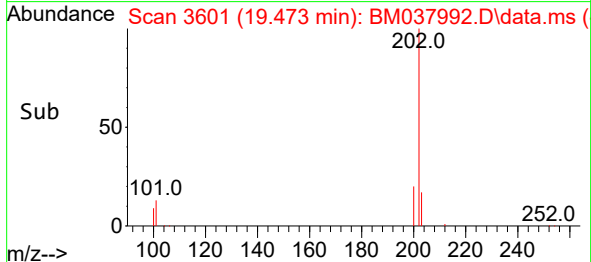
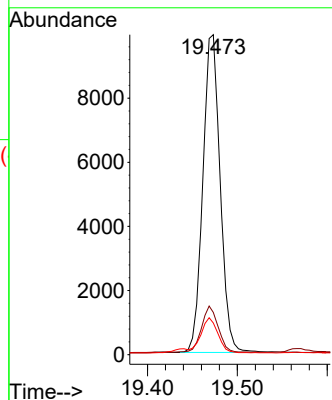
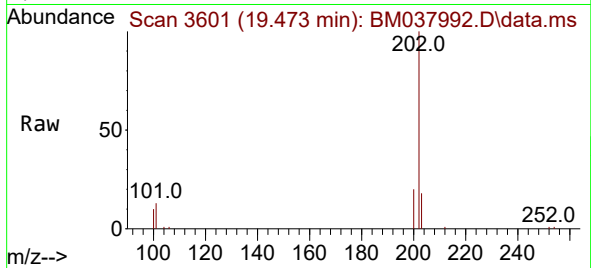




#19
Fluoranthene
Concen: 0.324 ng/ul
RT: 19.473 min Scan# 3601
Delta R.T. -0.000 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

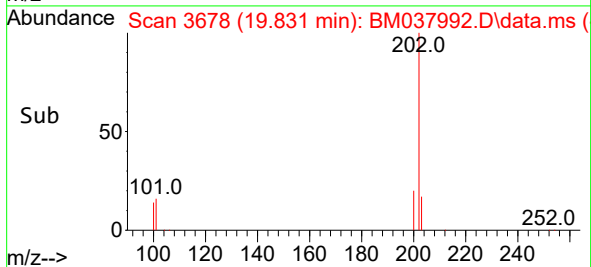
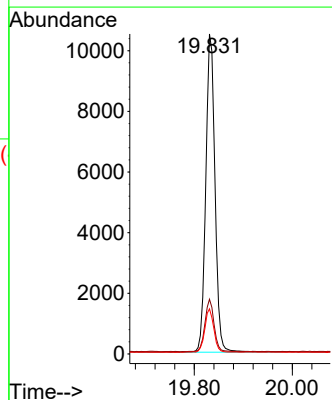
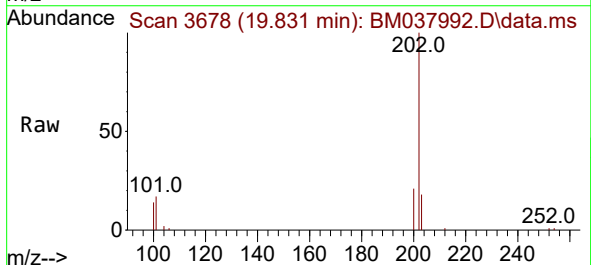
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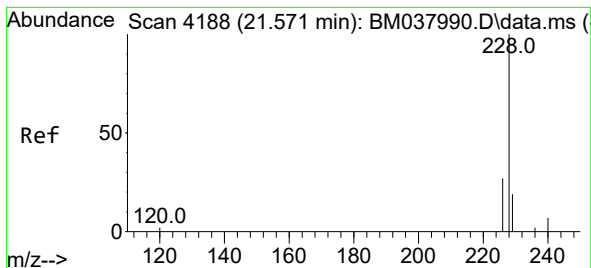
Tgt Ion:202 Resp: 13319
Ion Ratio Lower Upper
202 100
101 13.2 10.9 16.3
100 9.9 8.5 12.7



#20
Pyrene
Concen: 0.327 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Tgt Ion:202 Resp: 13657
Ion Ratio Lower Upper
202 100
101 17.1 12.6 19.0
100 14.1 10.6 15.8





#21

Benzo(a)anthracene

Concen: 0.325 ng/ul

RT: 21.571 min Scan# 4188

Delta R.T. -0.003 min

Lab File: BM037992.D

Acq: 14 Dec 2022 11:48

Instrument :

BNA_M

ClientSampleId :

SLCS616

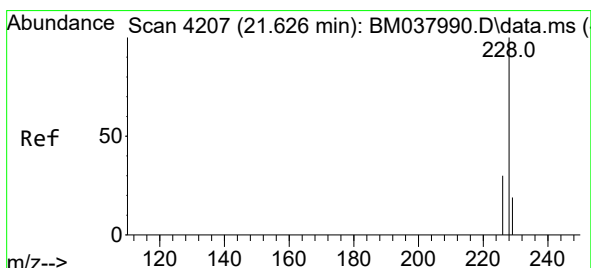
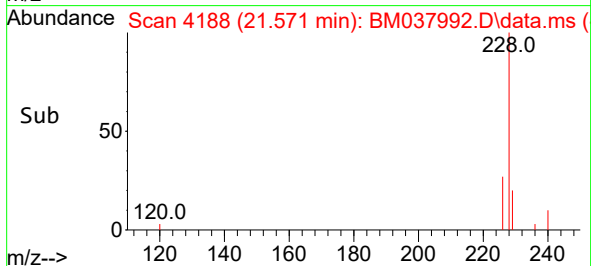
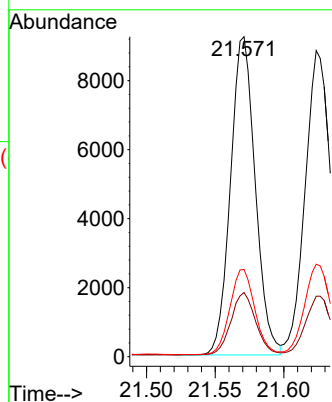
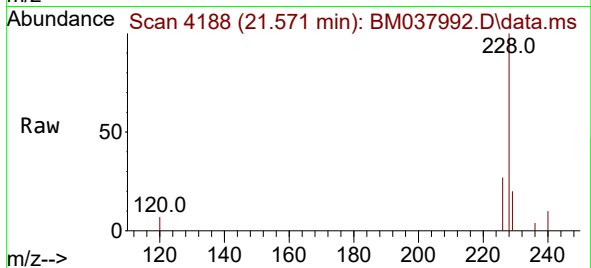
Tgt Ion:228 Resp: 11572

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.6

226 27.2 21.0 31.4



#22

Chrysene

Concen: 0.316 ng/ul

RT: 21.624 min Scan# 4206

Delta R.T. -0.006 min

Lab File: BM037992.D

Acq: 14 Dec 2022 11:48

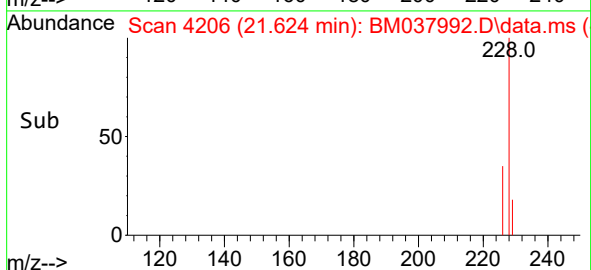
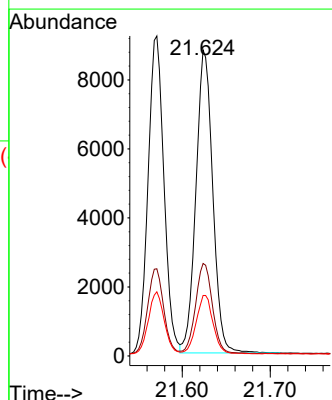
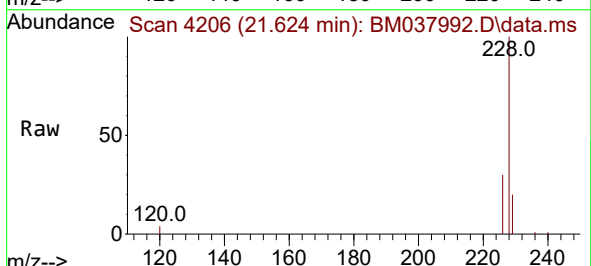
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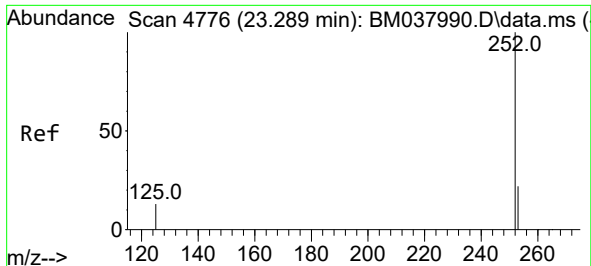
Ion Ratio Lower Upper

228 100

226 30.2 23.7 35.5

229 19.8 15.8 23.8

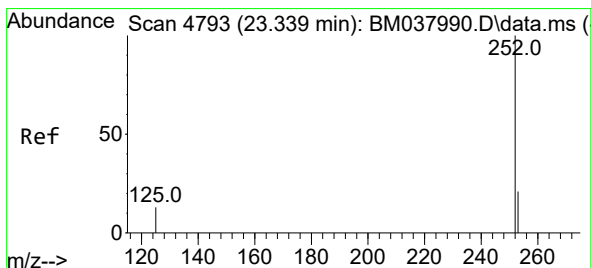
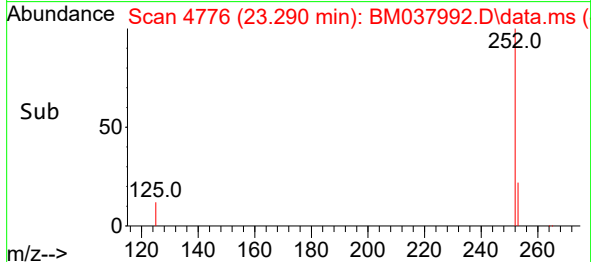
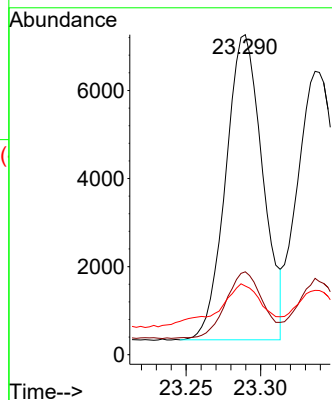
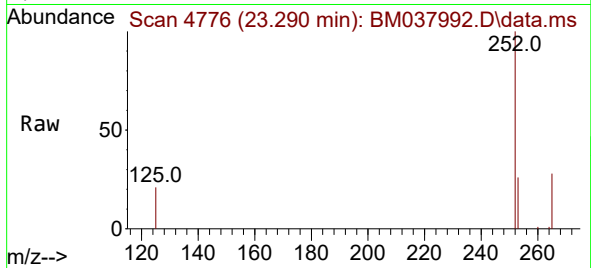




#24
Benzo(b)fluoranthene
Concen: 0.284 ng/ul
RT: 23.290 min Scan# 4776
Delta R.T. -0.006 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

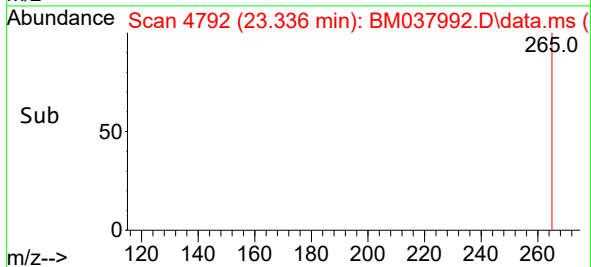
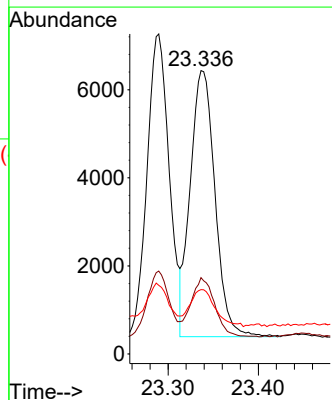
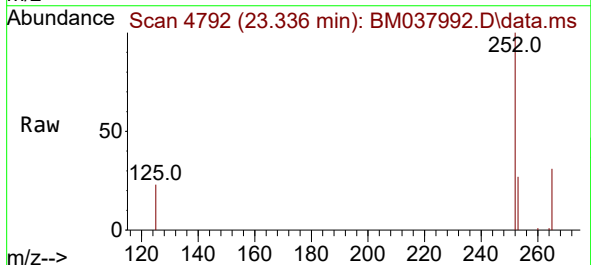
Instrument :
BNA_M
ClientSampleId :
SLCS616

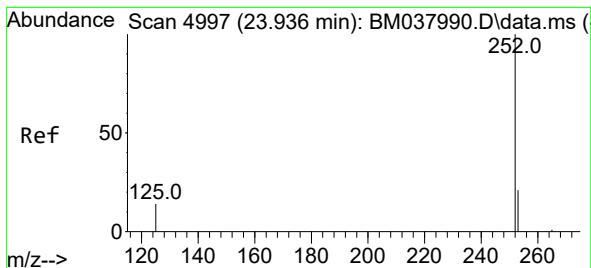
Tgt Ion:	252	Resp:	11927
Ion Ratio	Lower	Upper	
252	100		
253	25.9	0.0	49.6
125	21.5	0.0	39.6



#25
Benzo(k)fluoranthene
Concen: 0.292 ng/ul
RT: 23.336 min Scan# 4792
Delta R.T. -0.006 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Tgt Ion:	252	Resp:	11516
Ion Ratio	Lower	Upper	
252	100		
253	26.9	19.4	29.0
125	22.7	16.7	25.1





#26

Benzo(a)pyrene

Concen: 0.290 ng/ul

RT: 23.933 min Scan# 4997

Delta R.T. -0.006 min

Lab File: BM037992.D

Acq: 14 Dec 2022 11:48

Instrument :

BNA_M

ClientSampleId :

SLCS616

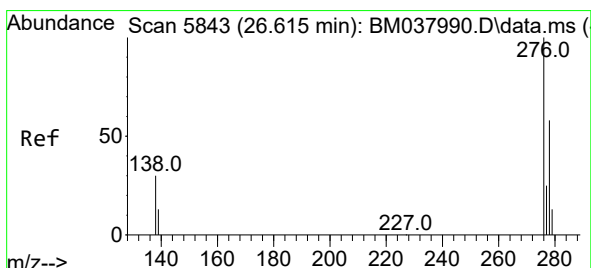
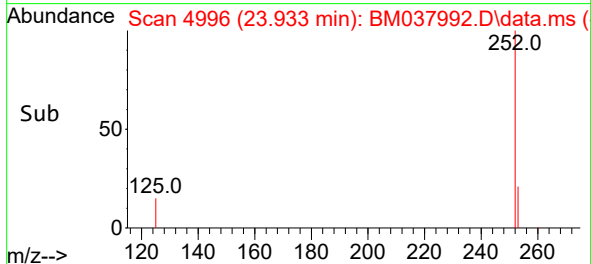
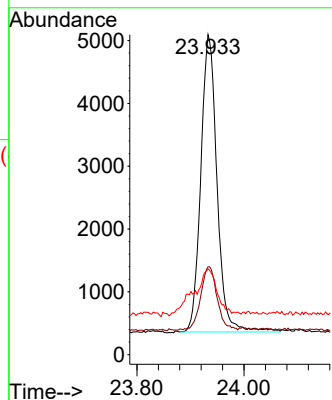
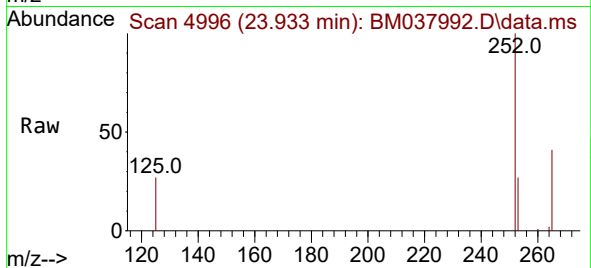
Tgt Ion:252 Resp: 9916

Ion Ratio Lower Upper

252 100

253 27.5 21.7 32.5

125 26.8 20.4 30.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.299 ng/ul

RT: 26.612 min Scan# 5842

Delta R.T. -0.007 min

Lab File: BM037992.D

Acq: 14 Dec 2022 11:48

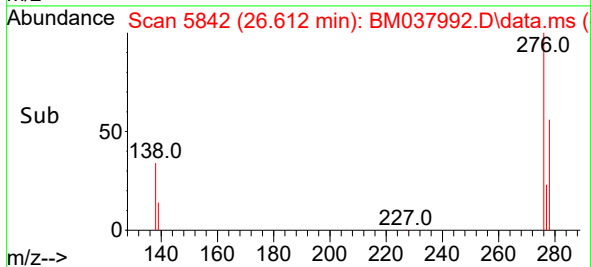
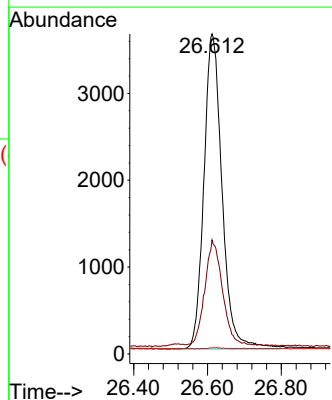
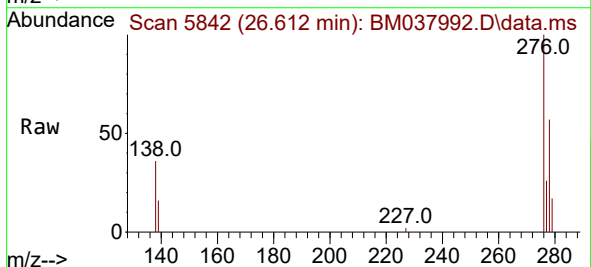
Tgt Ion:276 Resp: 12440

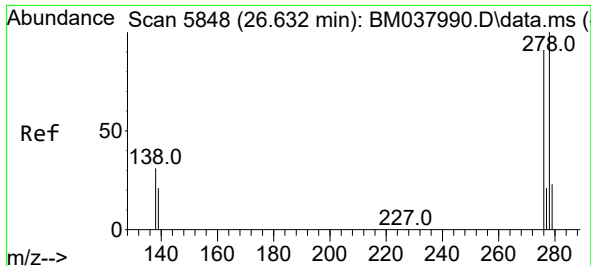
Ion Ratio Lower Upper

276 100

138 32.8 0.0 0.0#

227 0.2 0.1 0.1#

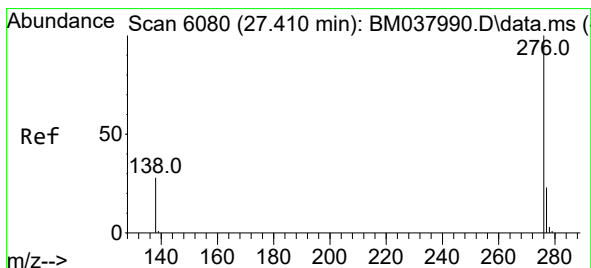
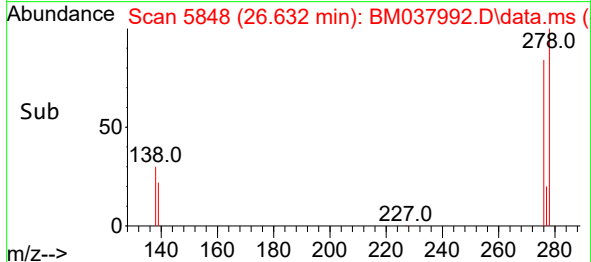
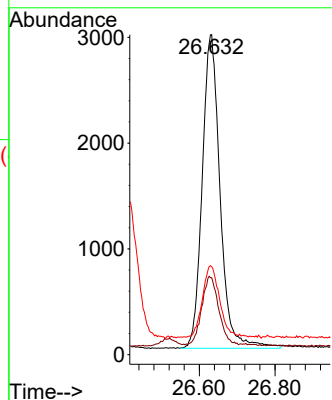
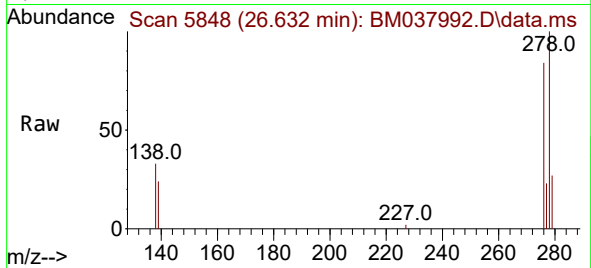




#28
Dibenzo(a,h)anthracene
Concen: 0.305 ng/ul
RT: 26.632 min Scan# 5848
Delta R.T. -0.000 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Instrument :
BNA_M
ClientSampleId :
SLCS616

Tgt Ion:278 Resp: 9721
Ion Ratio Lower Upper
278 100
139 24.1 19.4 29.0
279 27.5 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.300 ng/ul
RT: 27.410 min Scan# 6080
Delta R.T. -0.007 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Tgt Ion:276 Resp: 10350
Ion Ratio Lower Upper
276 100
138 30.9 23.5 35.3
277 24.9 20.0 30.0

