

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046513.D
 Acq On : 11 Jul 2024 12:18
 Operator : MA/JU
 Sample : P3059-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1GM5MSD

Quant Time: Jul 12 04:20:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 04:18:37 2024
 Response via : Initial Calibration

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

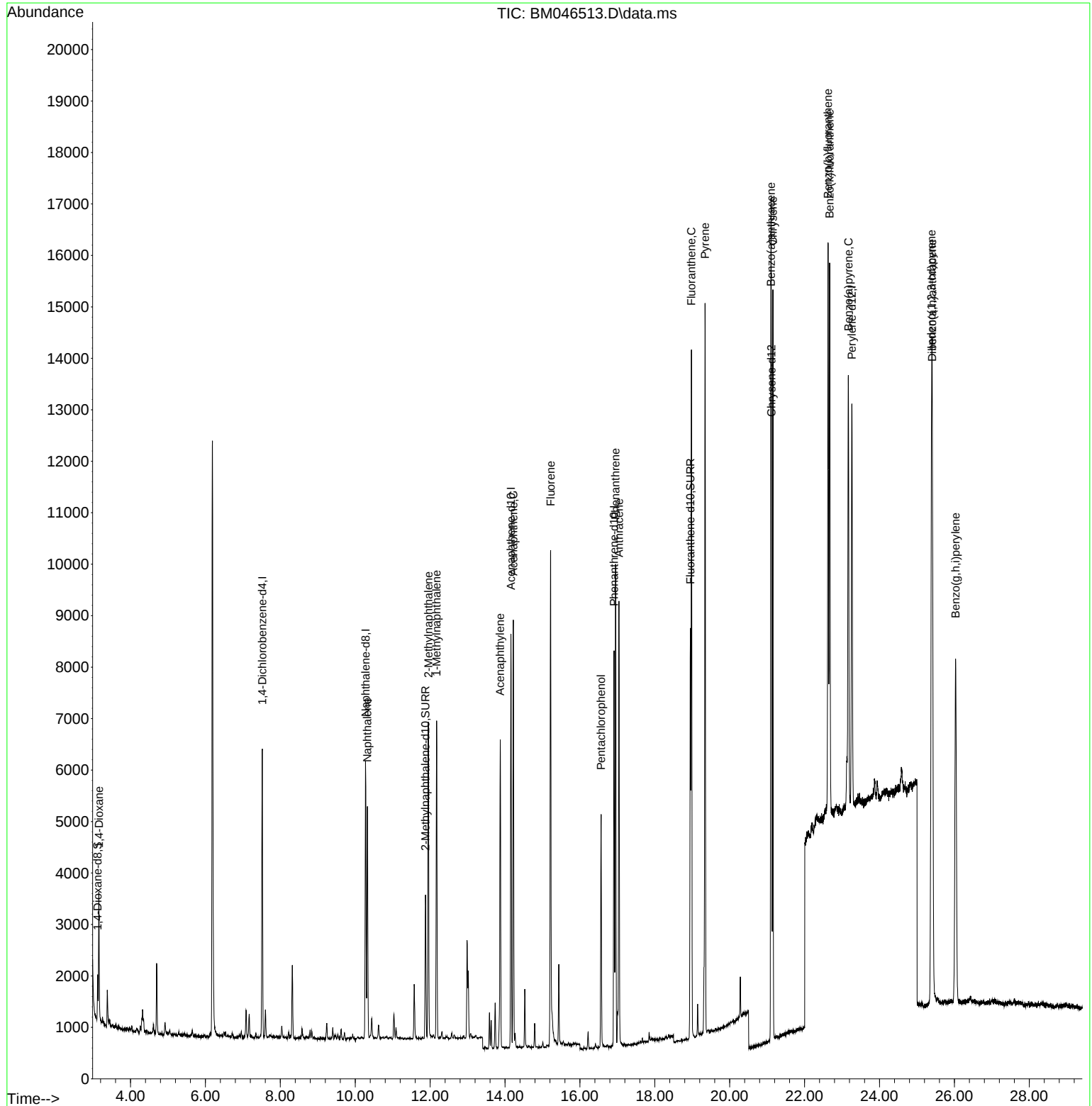
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.518	152	2786	0.400	ng/ul	0.00
4) Naphthalene-d8	10.275	136	7145	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.158	164	4424	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.912	188	9729	0.400	ng/ul	0.00
17) Chrysene-d12	21.117	240	7926	0.400	ng/ul	0.00
23) Perylene-d12	23.262	264	9519	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	624	0.273	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.876	152	3596	0.312	ng/ul	0.00
18) Fluoranthene-d10	18.950	212	9429	0.391	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.155	88	1618	0.662	ng/ul#	74
5) Naphthalene	10.325	128	5911	0.325	ng/ul	98
7) 2-Methylnaphthalene	11.953	142	4090	0.320	ng/ul	100
8) 1-Methylnaphthalene	12.172	142	4112	0.316	ng/ul	99
10) Acenaphthylene	13.872	152	6591	0.327	ng/ul	98
11) Acenaphthene	14.223	153	4730	0.351	ng/ul	97
12) Fluorene	15.218	166	8701	0.521	ng/ul	92
14) Pentachlorophenol	16.566	266	2831	0.574	ng/ul	98
15) Phenanthrene	16.950	178	9781	0.352	ng/ul	99
16) Anthracene	17.043	178	8846	0.327	ng/ul	100
19) Fluoranthene	18.978	202	11963	0.367	ng/ul	99
20) Pyrene	19.340	202	12694	0.360	ng/ul	98
21) Benzo(a)anthracene	21.102	228	12114	0.345	ng/ul	99
22) Chrysene	21.152	228	11824	0.349	ng/ul	99
24) Benzo(b)fluoranthene	22.625	252	13191	0.347	ng/ul	95
25) Benzo(k)fluoranthene	22.668	252	13013	0.349	ng/ul#	95
26) Benzo(a)pyrene	23.168	252	11683	0.373	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.390	276	17531	0.368	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.410	278	13559	0.360	ng/ul#	94
29) Benzo(g,h,i)perylene	26.034	276	13987	0.368	ng/ul#	96

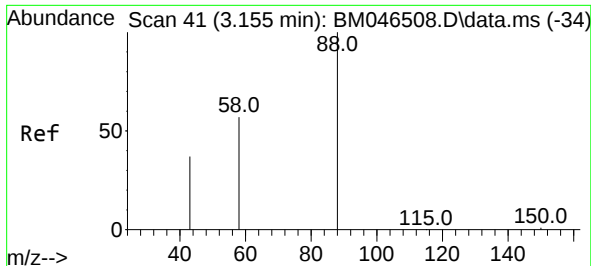
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 12 04:20:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 04:18:37 2024
Response via : Initial Calibration

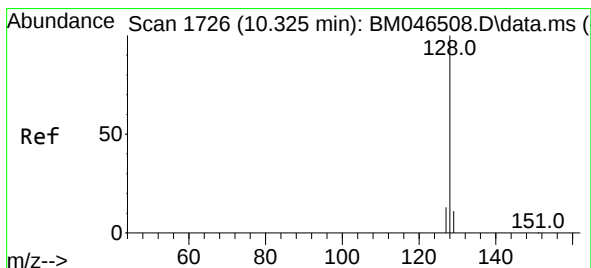
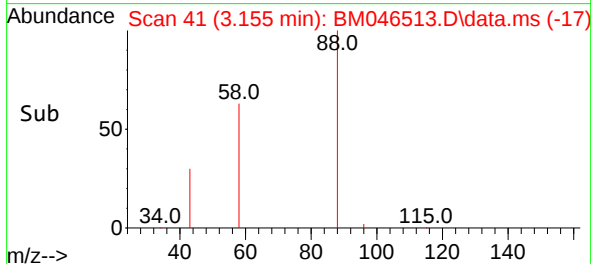
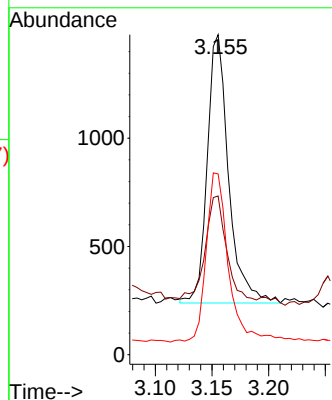
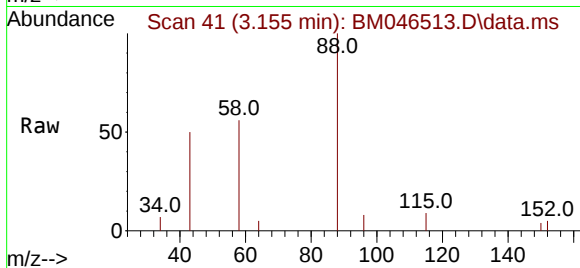




#2
1,4-Dioxane
Concen: 0.662 ng/ul
RT: 3.155 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM046513.D
Acq: 11 Jul 2024 12:18

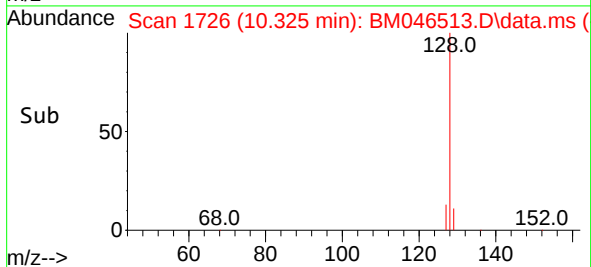
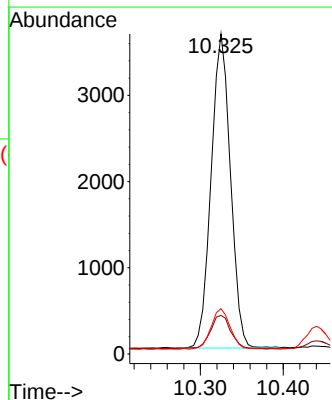
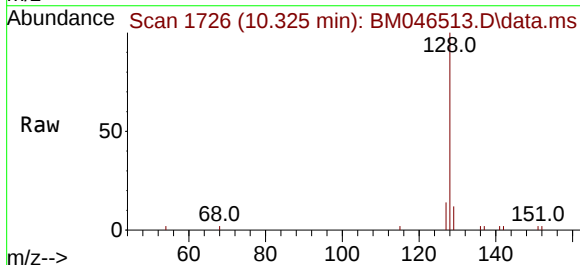
Instrument :
BNA_M
ClientSampleId :
E1GM5MSD

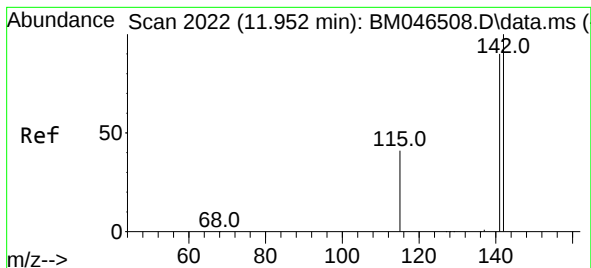
Tgt Ion: 88 Resp: 1618
Ion Ratio Lower Upper
88 100
43 49.6 70.2 105.4#
58 56.5 48.2 72.4



#5
Naphthalene
Concen: 0.325 ng/ul
RT: 10.325 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BM046513.D
Acq: 11 Jul 2024 12:18

Tgt Ion: 128 Resp: 5911
Ion Ratio Lower Upper
128 100
129 12.1 10.3 15.5
127 14.2 12.2 18.4

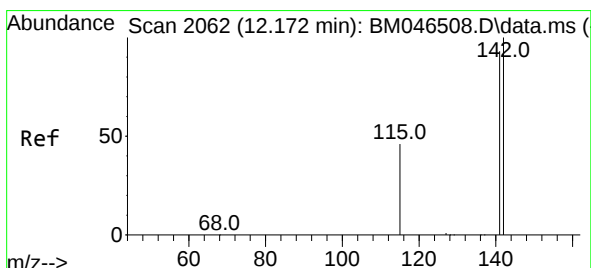
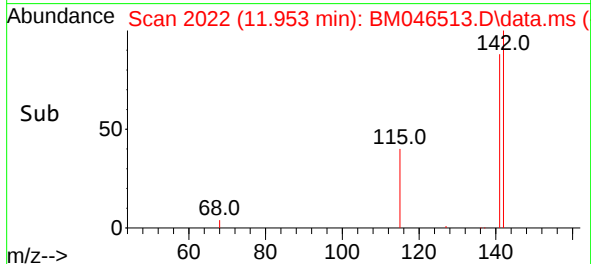
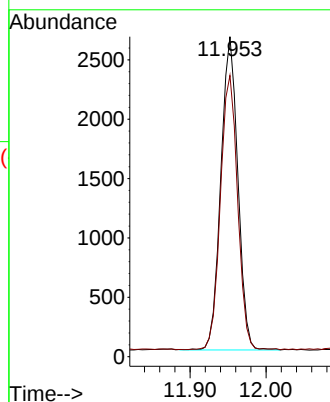
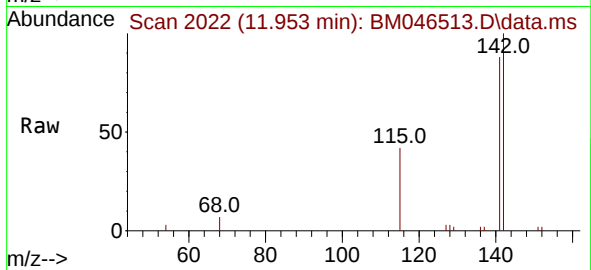




#7
2-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 11.953 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BM046513.D
Acq: 11 Jul 2024 12:18

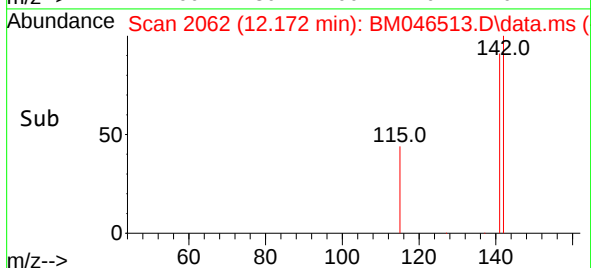
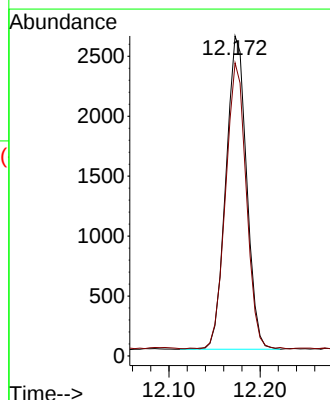
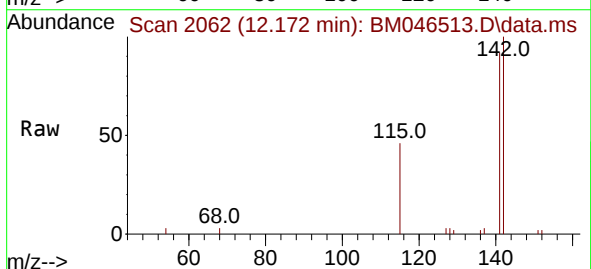
Instrument :
BNA_M
ClientSampleId :
E1GM5MSD

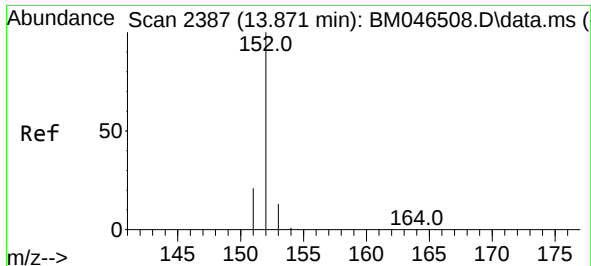
Tgt Ion:142 Resp: 4090
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.172 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM046513.D
Acq: 11 Jul 2024 12:18

Tgt Ion:142 Resp: 4112
Ion Ratio Lower Upper
142 100
141 91.3 73.9 110.9

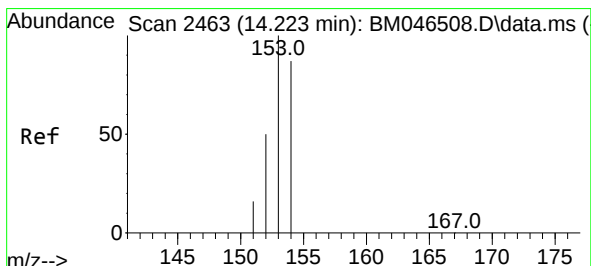
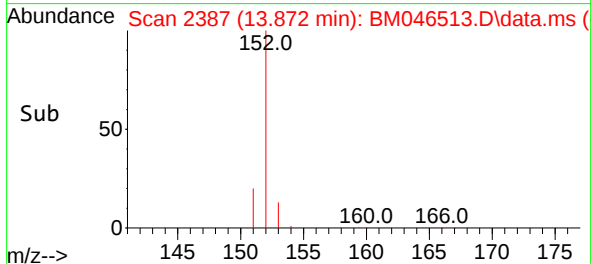
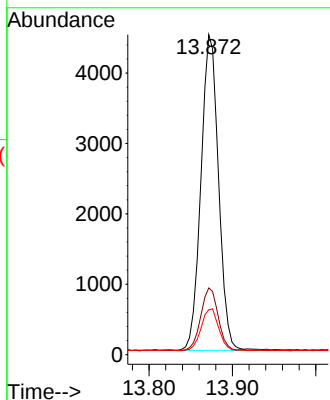
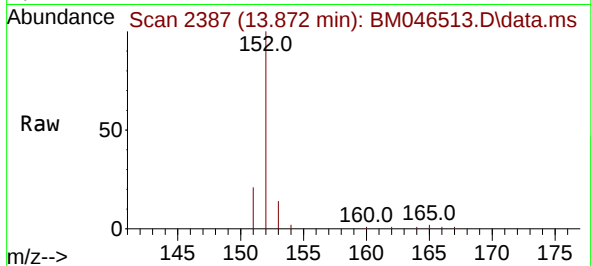




#10
Acenaphthylene
Concen: 0.327 ng/ul
RT: 13.872 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046513.D
Acq: 11 Jul 2024 12:18

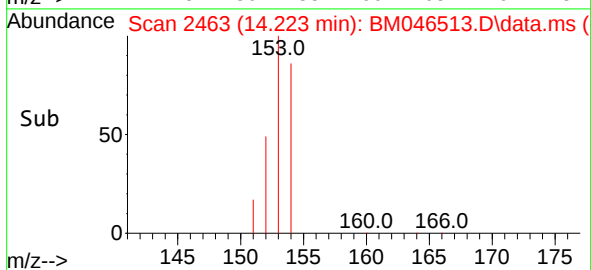
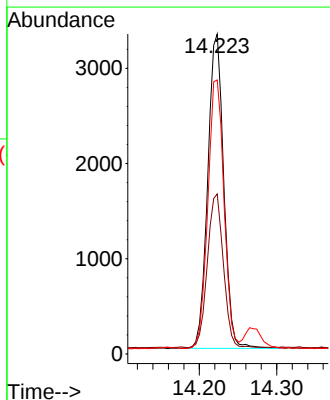
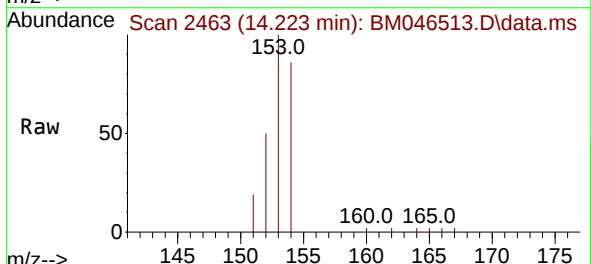
Instrument :
BNA_M
ClientSampleId :
E1GM5MSD

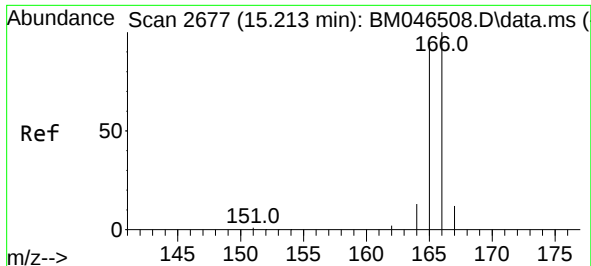
Tgt Ion:	152	Resp:	6591
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.4	24.6
153	14.1	12.4	18.6



#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.223 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BM046513.D
Acq: 11 Jul 2024 12:18

Tgt Ion:	153	Resp:	4730
Ion Ratio	Lower	Upper	
153	100		
152	50.0	43.0	64.6
154	85.7	69.9	104.9

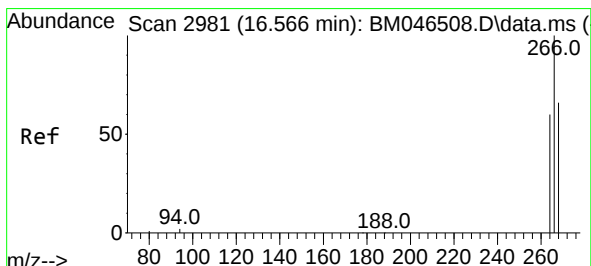
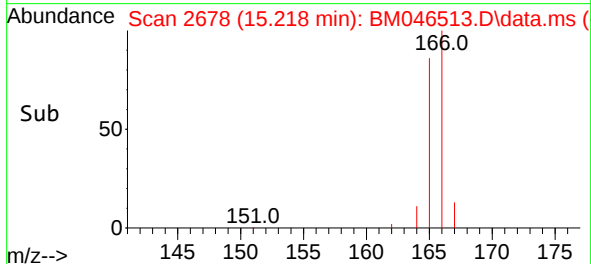
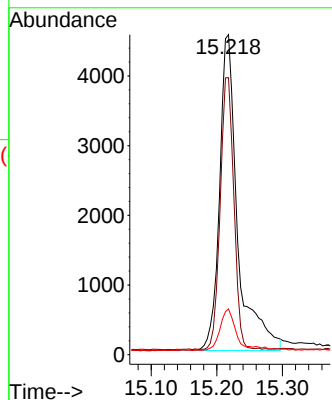
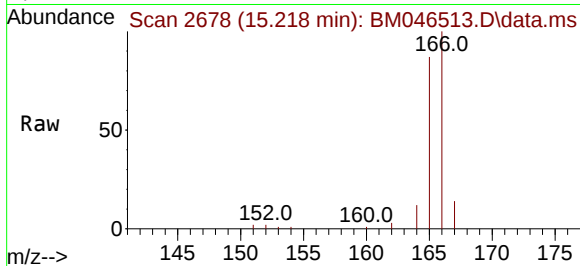




#12
 Fluorene
 Concen: 0.521 ng/ul
 RT: 15.218 min Scan# 2077
 Delta R.T. 0.005 min
 Lab File: BM046513.D
 Acq: 11 Jul 2024 12:18

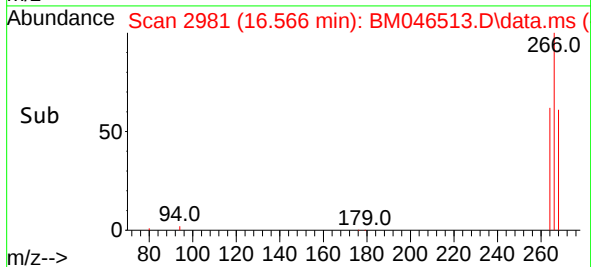
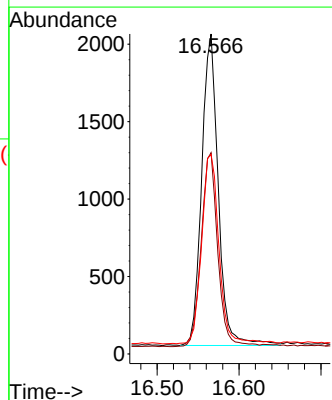
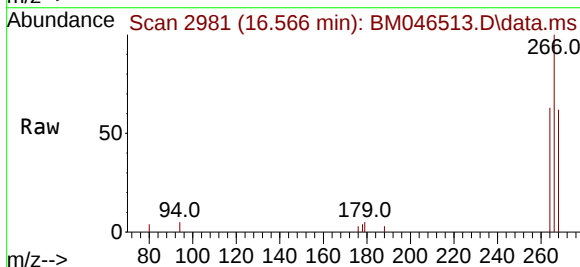
Instrument :
 BNA_M
 ClientSampleId :
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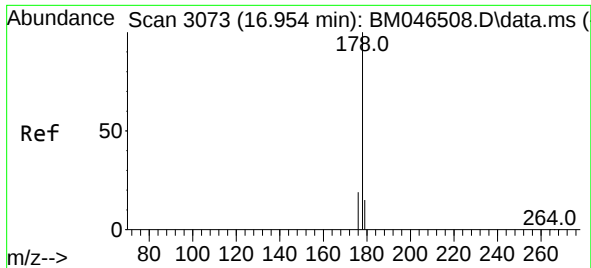
Tgt Ion:166 Resp: 8701
 Ion Ratio Lower Upper
 166 100
 165 86.5 76.1 114.1
 167 14.3 12.5 18.7



#14
 Pentachlorophenol
 Concen: 0.574 ng/ul
 RT: 16.566 min Scan# 2981
 Delta R.T. 0.000 min
 Lab File: BM046513.D
 Acq: 11 Jul 2024 12:18

Tgt Ion:266 Resp: 2831
 Ion Ratio Lower Upper
 266 100
 264 61.7 50.1 75.1
 268 63.9 52.5 78.7

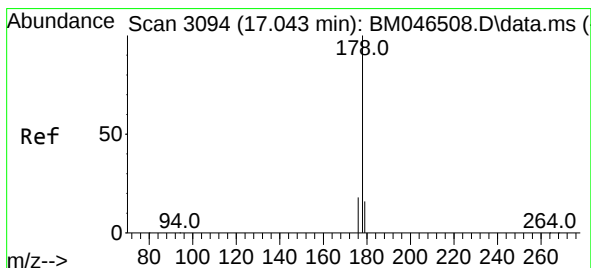
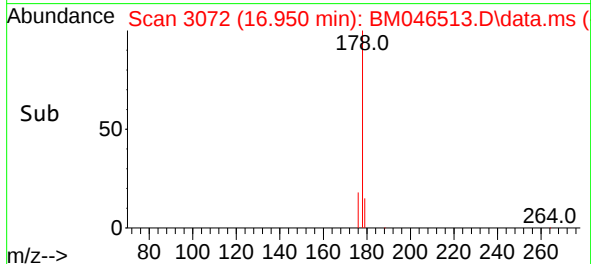
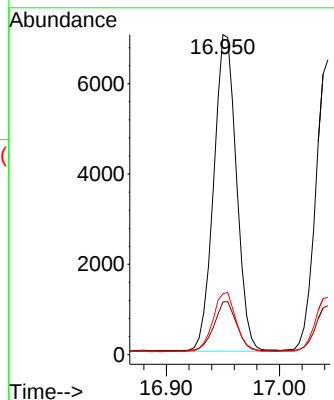
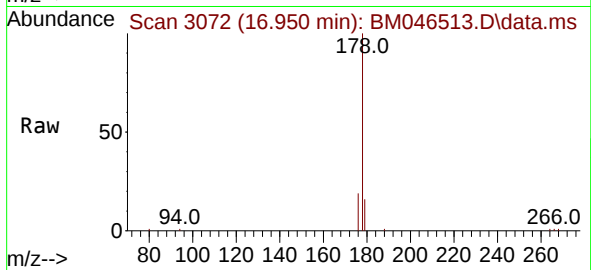




#15
Phenanthrene
Concen: 0.352 ng/ul
RT: 16.950 min Scan# 3073
Delta R.T. -0.004 min
Lab File: BM046513.D
Acq: 11 Jul 2024 12:18

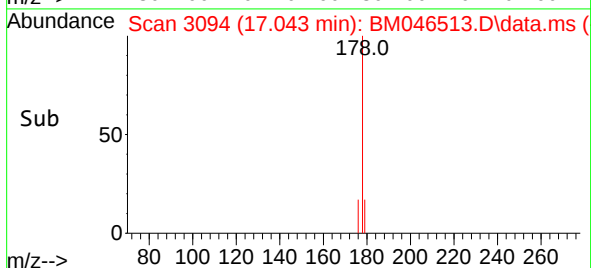
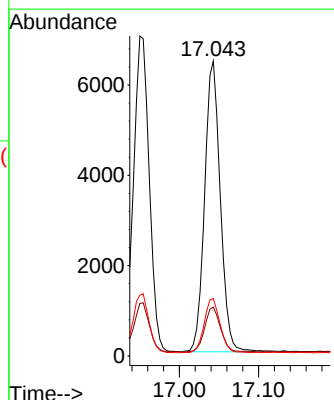
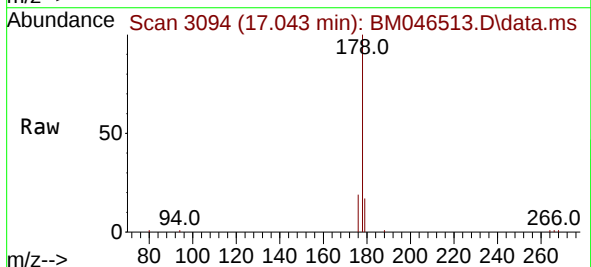
Instrument :
BNA_M
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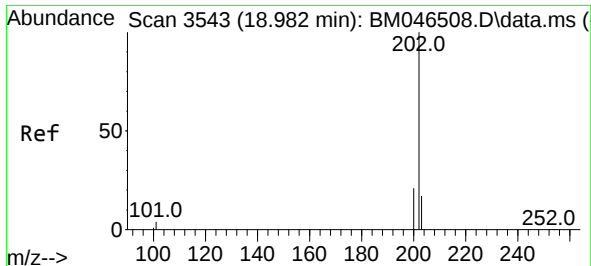
Tgt Ion:178 Resp: 9781
Ion Ratio Lower Upper
178 100
179 16.5 13.1 19.7
176 19.0 16.0 24.0



#16
Anthracene
Concen: 0.327 ng/ul
RT: 17.043 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BM046513.D
Acq: 11 Jul 2024 12:18

Tgt Ion:178 Resp: 8846
Ion Ratio Lower Upper
178 100
179 16.6 13.5 20.3
176 19.5 15.7 23.5

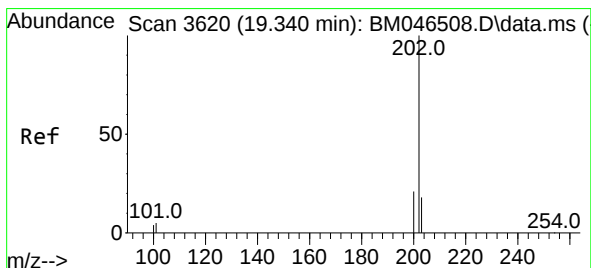
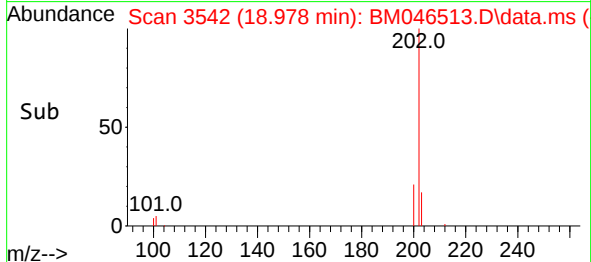
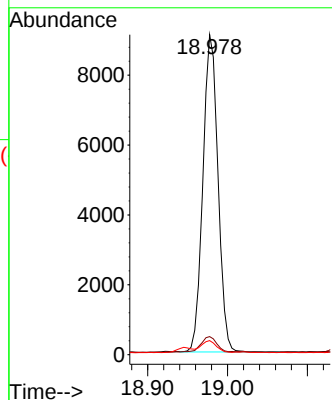
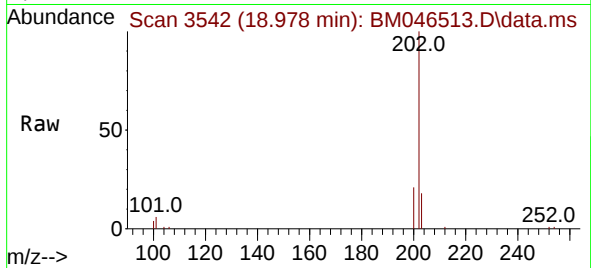




#19
Fluoranthene
Concen: 0.367 ng/ul
RT: 18.978 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM046513.D
Acq: 11 Jul 2024 12:18

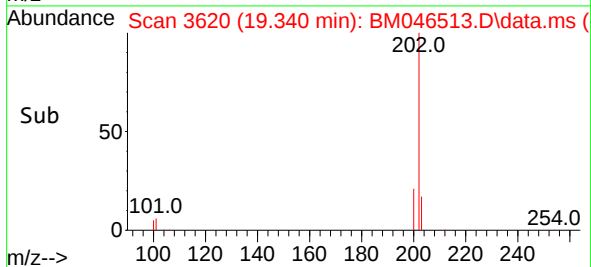
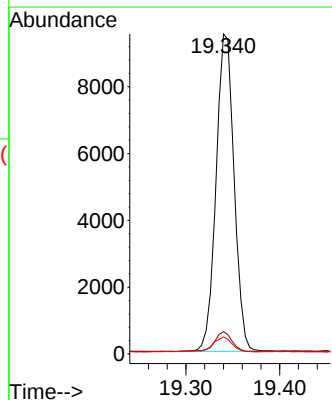
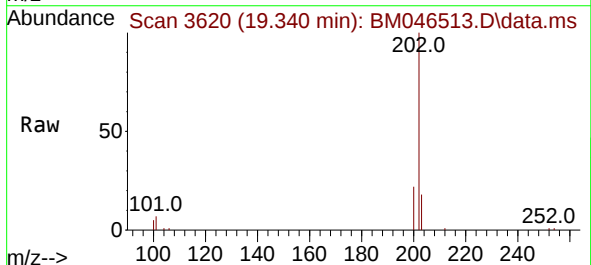
Instrument :
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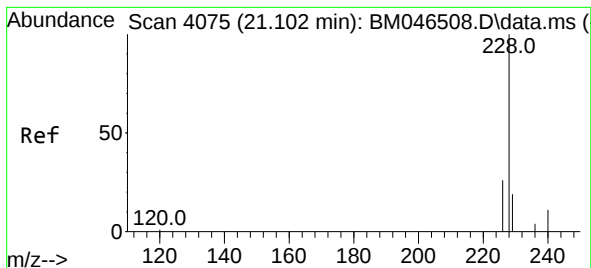
Tgt Ion:	202	Resp:	11963
Ion Ratio	Lower	Upper	
202	100		
101	5.7	4.6	6.8
100	4.4	3.0	4.6



#20
Pyrene
Concen: 0.360 ng/ul
RT: 19.340 min Scan# 3620
Delta R.T. 0.000 min
Lab File: BM046513.D
Acq: 11 Jul 2024 12:18

Tgt Ion:	202	Resp:	12694
Ion Ratio	Lower	Upper	
202	100		
101	7.0	5.1	7.7
100	5.3	3.8	5.6





#21

Benzo(a)anthracene

Concen: 0.345 ng/ul

RT: 21.102 min Scan# 4075

Delta R.T. 0.000 min

Lab File: BM046513.D

Acq: 11 Jul 2024 12:18

Instrument :

BNA_M

ClientSampleId :

E1GM5MSD

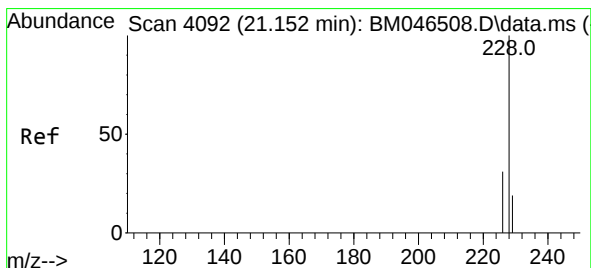
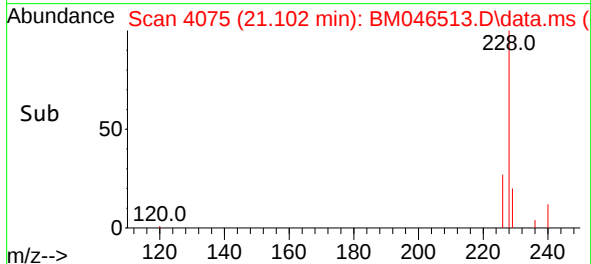
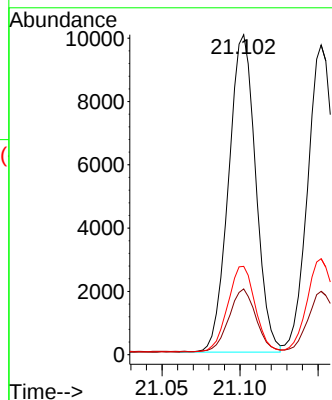
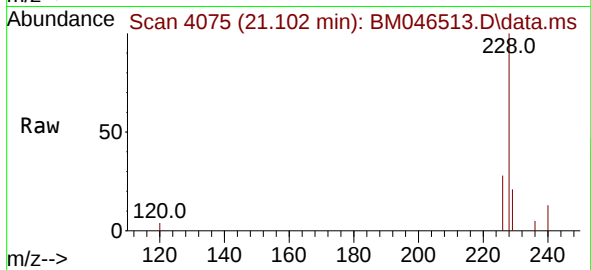
Tgt Ion:228 Resp: 12114

Ion Ratio Lower Upper

228 100

229 20.5 16.5 24.7

226 27.6 22.5 33.7



#22

Chrysene

Concen: 0.349 ng/ul

RT: 21.152 min Scan# 4092

Delta R.T. 0.000 min

Lab File: BM046513.D

Acq: 11 Jul 2024 12:18

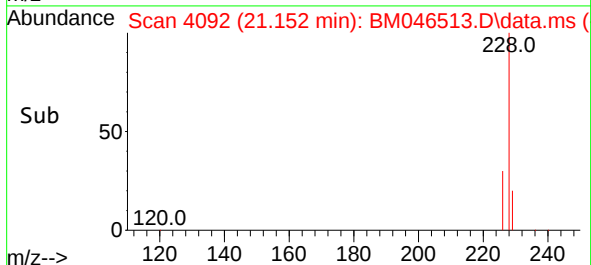
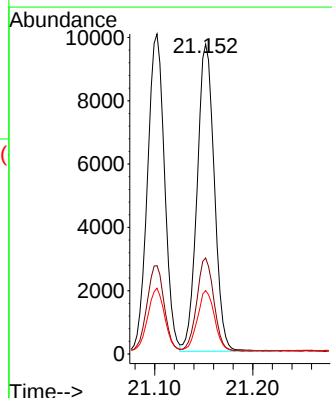
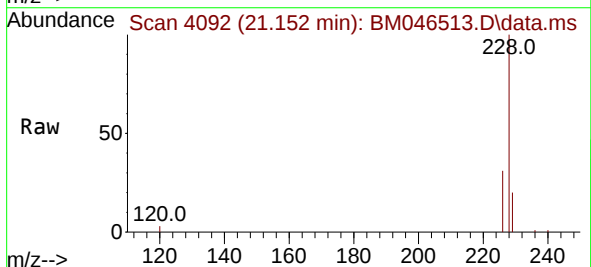
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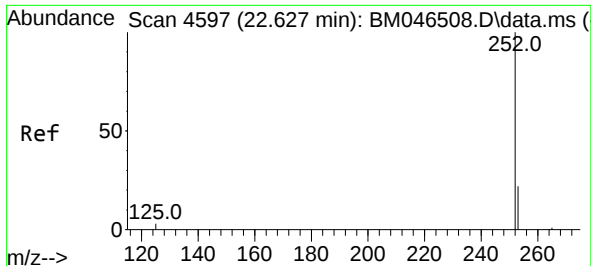
Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

229 20.5 16.4 24.6

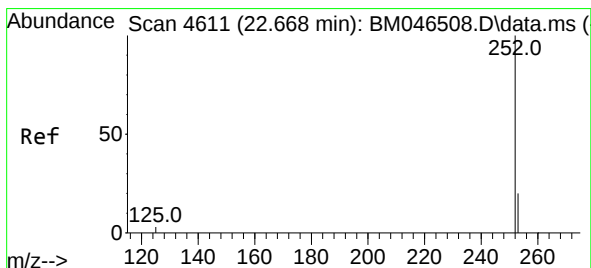
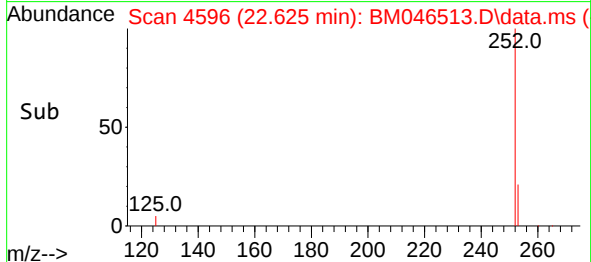
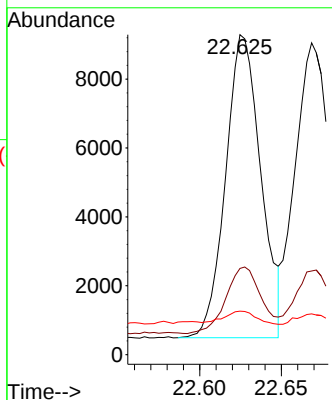
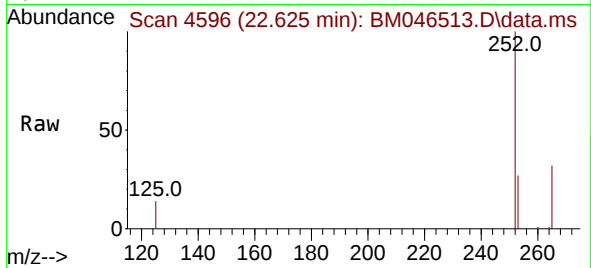




#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 22.625 min Scan# 4596
Delta R.T. -0.003 min
Lab File: BM046513.D
Acq: 11 Jul 2024 12:18

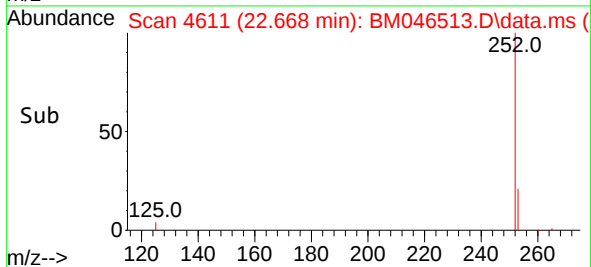
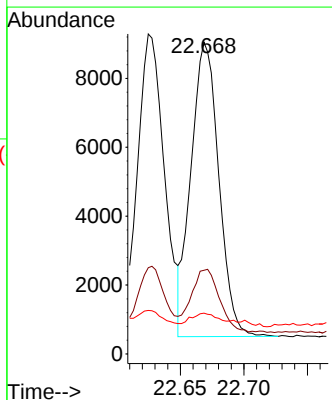
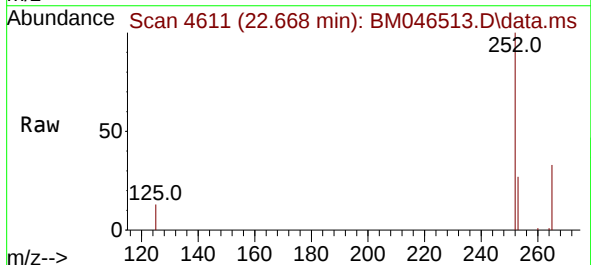
Instrument :
BNA_M
ClientSampleId :
E1GM5MSD

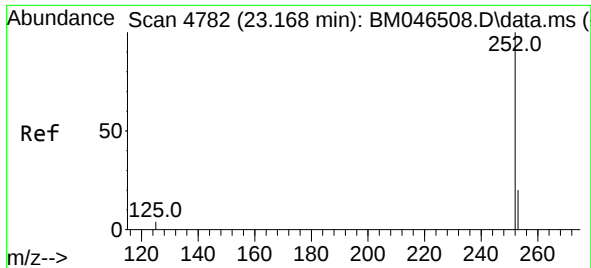
Tgt Ion:252	Resp:	13191
Ion Ratio	Lower	Upper
252	100	
253	26.9	0.0 56.2
125	13.6	0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 22.668 min Scan# 4611
Delta R.T. 0.000 min
Lab File: BM046513.D
Acq: 11 Jul 2024 12:18

Tgt Ion:252	Resp:	13013
Ion Ratio	Lower	Upper
252	100	
253	26.8	22.4 33.6
125	13.1	7.0 10.4

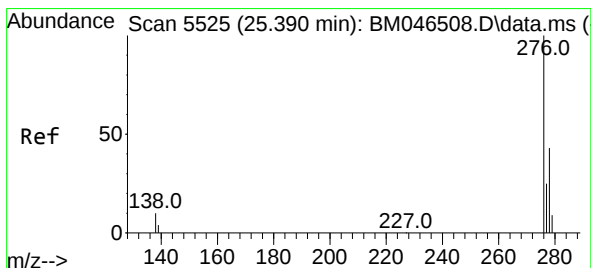
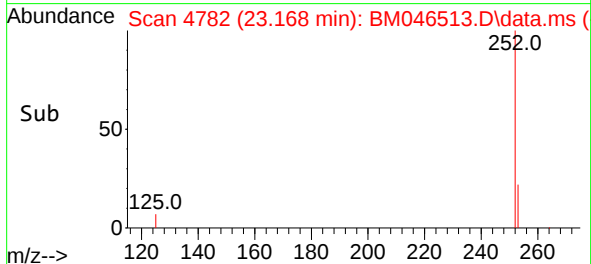
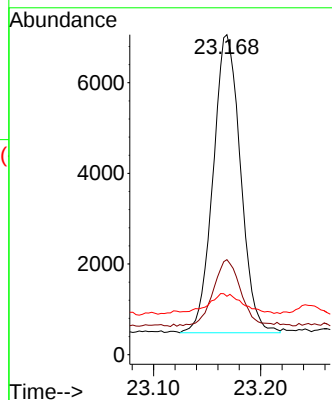
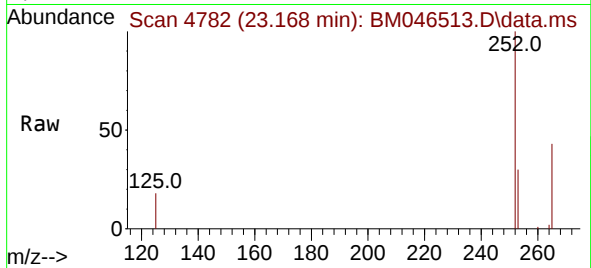




#26
Benzo(a)pyrene
Concen: 0.373 ng/ul
RT: 23.168 min Scan# 4782
Delta R.T. 0.000 min
Lab File: BM046513.D
Acq: 11 Jul 2024 12:18

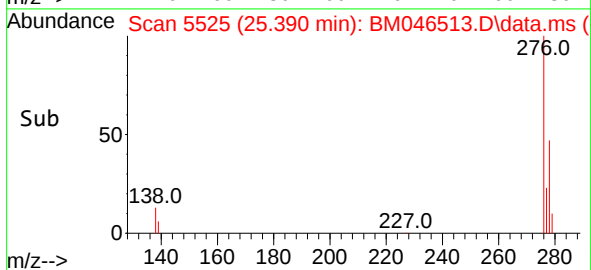
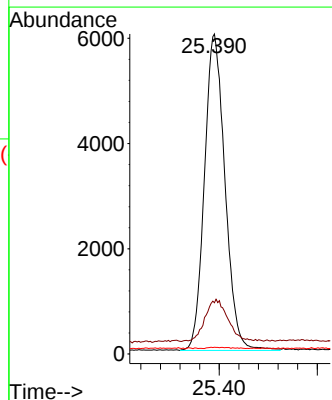
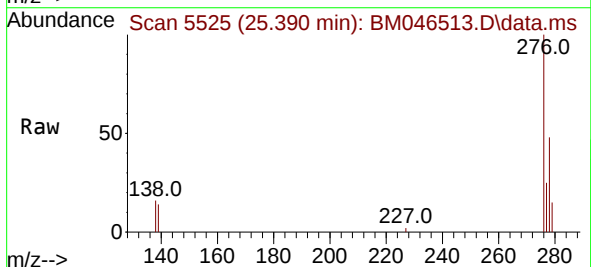
Instrument :
BNA_M
ClientSampleId :
E1GM5MSD

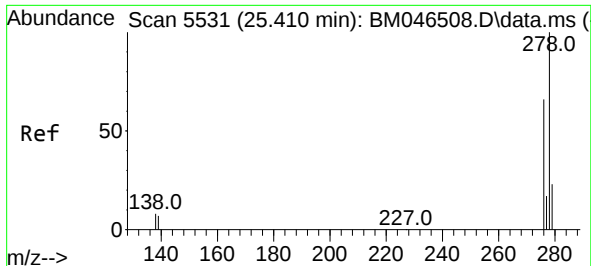
Tgt Ion:252 Resp: 11683
Ion Ratio Lower Upper
252 100
253 29.7 24.0 36.0
125 18.3 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 25.390 min Scan# 5525
Delta R.T. 0.000 min
Lab File: BM046513.D
Acq: 11 Jul 2024 12:18

Tgt Ion:276 Resp: 17531
Ion Ratio Lower Upper
276 100
138 14.8 0.0 0.0#
227 0.3 0.2 0.2#

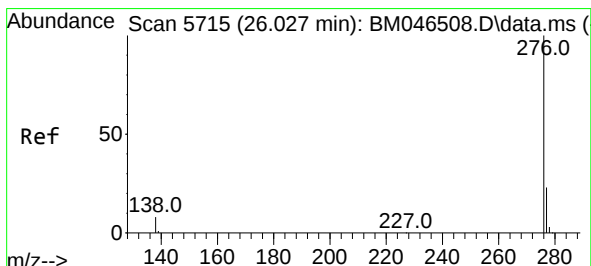
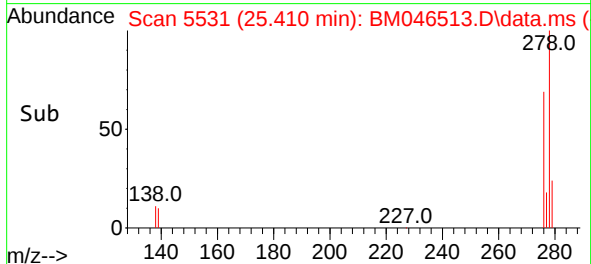
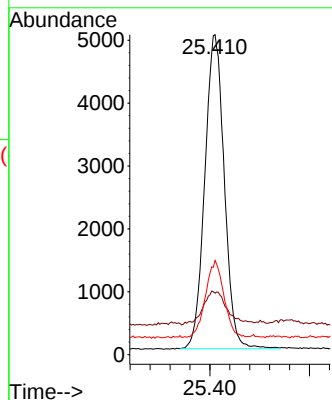
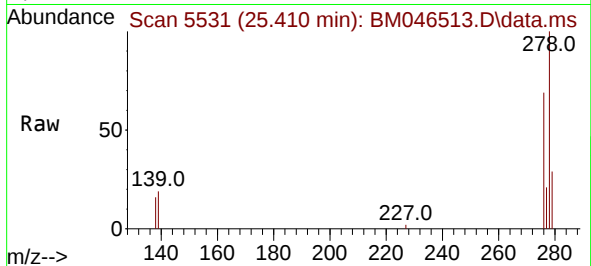




#28
Dibenzo(a,h)anthracene
Concen: 0.360 ng/ul
RT: 25.410 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM046513.D
Acq: 11 Jul 2024 12:18

Instrument :
BNA_M
ClientSampleId :
E1GM5MSD

Tgt Ion:278 Resp: 13559
Ion Ratio Lower Upper
278 100
139 19.2 9.1 13.7#
279 29.5 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.368 ng/ul
RT: 26.034 min Scan# 5717
Delta R.T. 0.007 min
Lab File: BM046513.D
Acq: 11 Jul 2024 12:18

Tgt Ion:276 Resp: 13987
Ion Ratio Lower Upper
276 100
138 16.5 10.2 15.4#
277 25.5 20.9 31.3

