

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046912.D
 Acq On : 30 Jul 2024 09:12
 Operator : MA/JU
 Sample : P3300-08MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

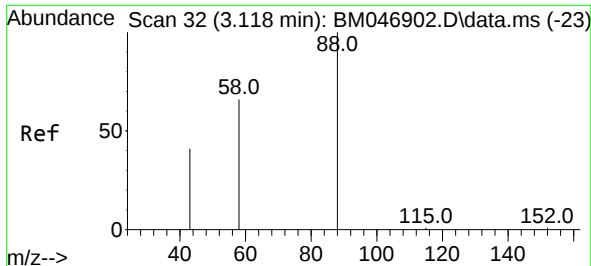
Instrument :
 BNA_M
 ClientSampleId :
 E1G93MSD

Quant Time: Jul 30 09:41:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 04:18:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.451	152	2757	0.400	ng/ul	0.00
4) Naphthalene-d8	10.209	136	12642	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.098	164	5137	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.857	188	10232	0.400	ng/ul	0.00
17) Chrysene-d12	21.073	240	6922	0.400	ng/ul	0.00
23) Perylene-d12	23.195	264	7453	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.088	96	450	0.233	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.810	152	4264	0.212	ng/ul	0.00
18) Fluoranthene-d10	18.899	212	9479	0.420	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.118	88	1349	0.611	ng/ul#	89
5) Naphthalene	10.253	128	10638	0.333	ng/ul	99
7) 2-Methylnaphthalene	11.881	142	4949	0.225	ng/ul	99
8) 1-Methylnaphthalene	12.107	142	5014	0.221	ng/ul	99
10) Acenaphthylene	13.816	152	7898	0.336	ng/ul	99
11) Acenaphthene	14.163	153	5778	0.362	ng/ul	97
12) Fluorene	15.158	166	7087	0.355	ng/ul	99
14) Pentachlorophenol	16.515	266	3746	0.809	ng/ul	98
15) Phenanthrene	16.899	178	11730	0.399	ng/ul	100
16) Anthracene	16.988	178	10237	0.374	ng/ul	98
19) Fluoranthene	18.927	202	12325	0.405	ng/ul	99
20) Pyrene	19.294	202	12685	0.403	ng/ul	99
21) Benzo(a)anthracene	21.056	228	11064	0.384	ng/ul	100
22) Chrysene	21.108	228	11082	0.378	ng/ul	99
24) Benzo(b)fluoranthene	22.566	252	11348	0.347	ng/ul	92
25) Benzo(k)fluoranthene	22.610	252	11509	0.349	ng/ul#	97
26) Benzo(a)pyrene	23.104	252	9573	0.408	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.296	276	12324	0.341	ng/ul	99
28) Dibenzo(a,h)anthracene	25.313	278	9845	0.372	ng/ul	98
29) Benzo(g,h,i)perylene	25.930	276	9196	0.289	ng/ul#	96

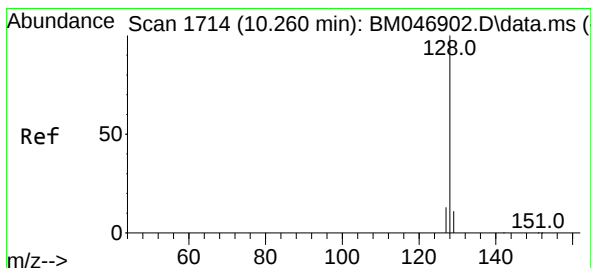
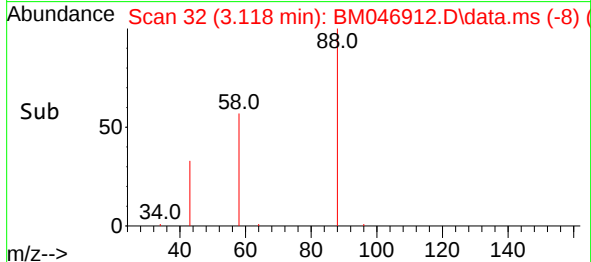
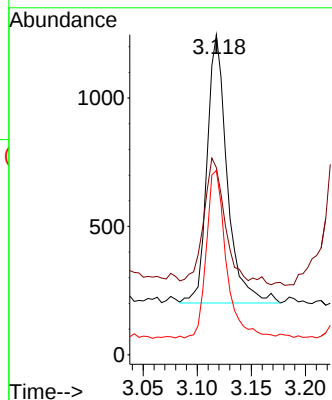
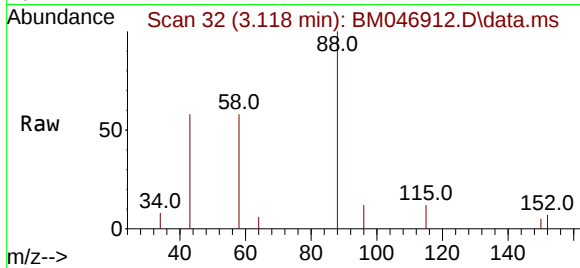
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.611 ng/ul
RT: 3.118 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM046912.D
Acq: 30 Jul 2024 09:12

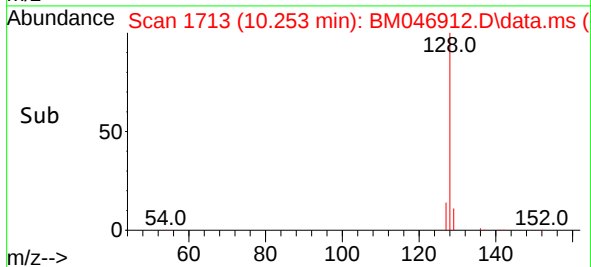
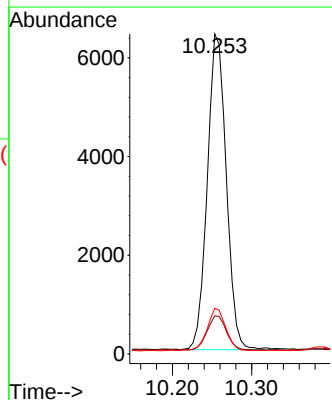
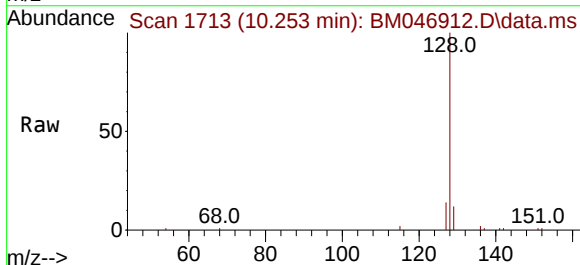
Instrument :
BNA_M
ClientSampleId :
E1G93MSD

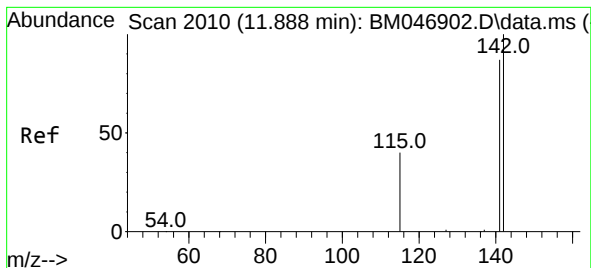
Tgt Ion: 88 Resp: 1349
Ion Ratio Lower Upper
88 100
43 58.5 42.1 63.1
58 57.6 38.3 57.5#



#5
Naphthalene
Concen: 0.333 ng/ul
RT: 10.253 min Scan# 1713
Delta R.T. -0.007 min
Lab File: BM046912.D
Acq: 30 Jul 2024 09:12

Tgt Ion:128 Resp: 10638
Ion Ratio Lower Upper
128 100
129 11.9 10.1 15.1
127 14.2 11.5 17.3

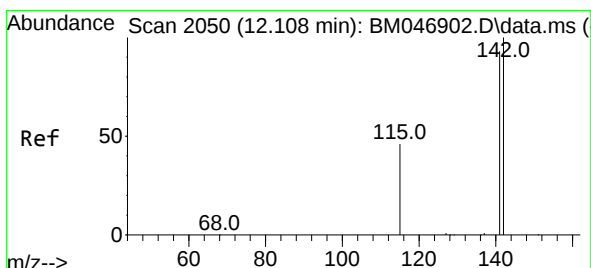
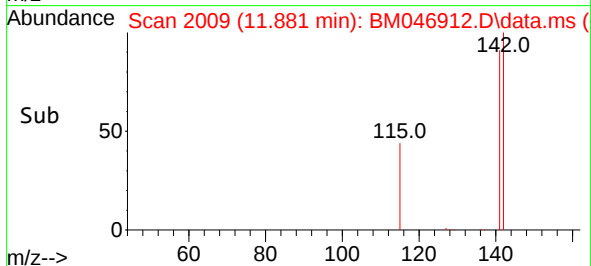
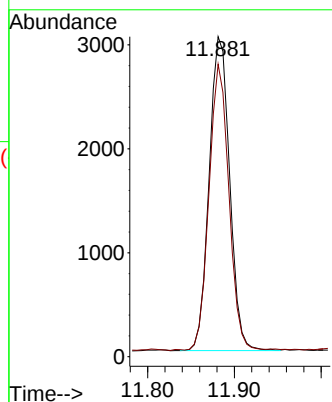
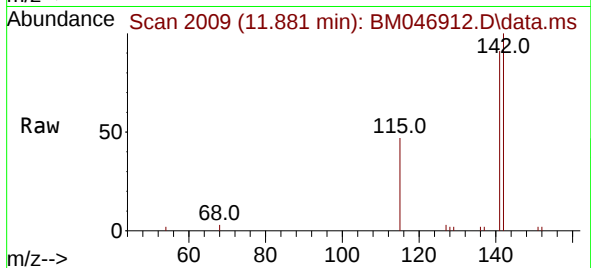




#7
2-Methylnaphthalene
Concen: 0.225 ng/ul
RT: 11.881 min Scan# 2010
Delta R.T. -0.007 min
Lab File: BM046912.D
Acq: 30 Jul 2024 09:12

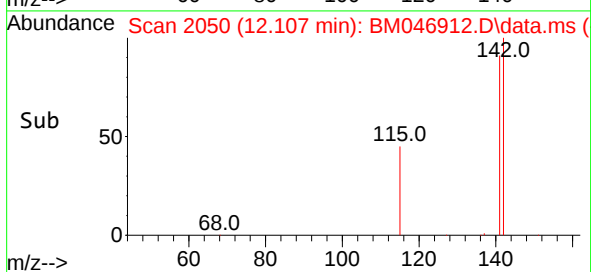
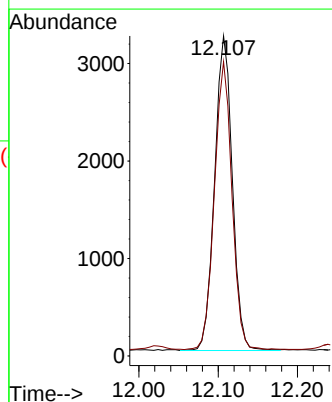
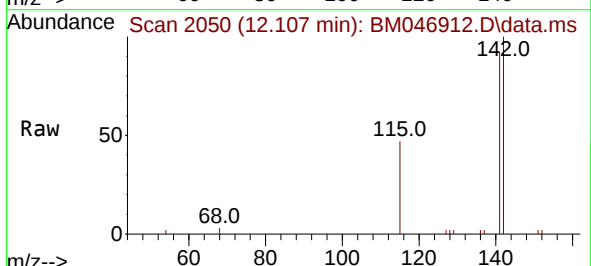
Instrument :
BNA_M
ClientSampleId :
E1G93MSD

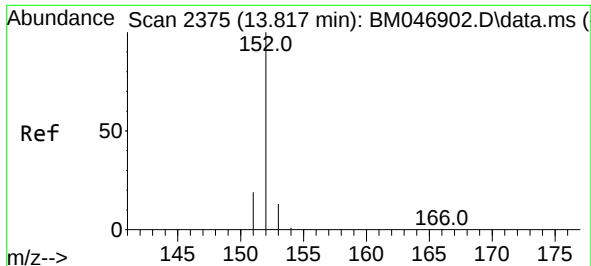
Tgt Ion:142 Resp: 4949
Ion Ratio Lower Upper
142 100
141 89.1 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.221 ng/ul
RT: 12.107 min Scan# 2050
Delta R.T. -0.001 min
Lab File: BM046912.D
Acq: 30 Jul 2024 09:12

Tgt Ion:142 Resp: 5014
Ion Ratio Lower Upper
142 100
141 90.5 73.1 109.7

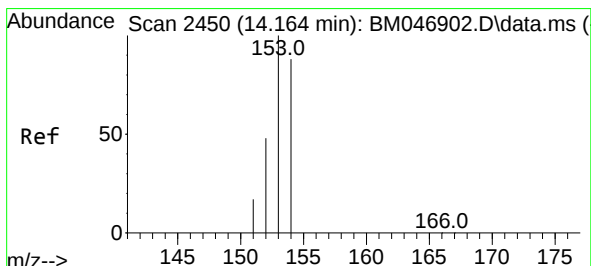
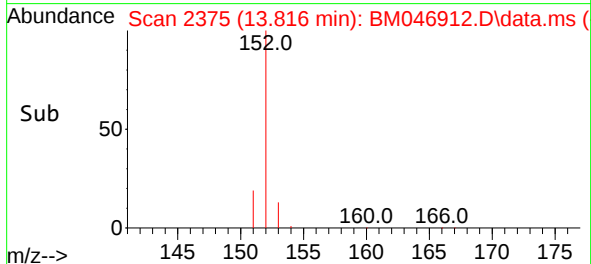
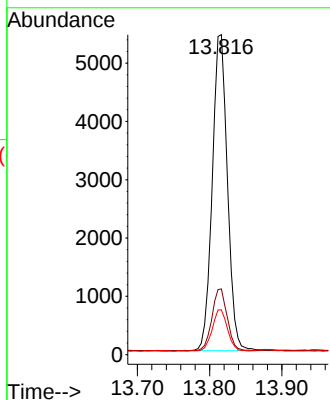
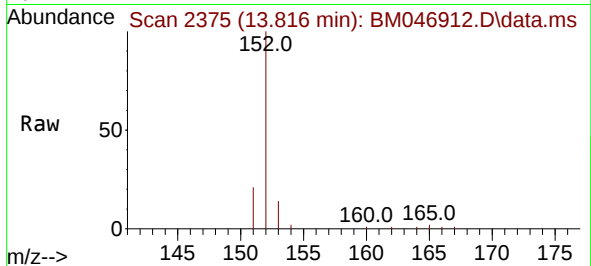




#10
Acenaphthylene
Concen: 0.336 ng/ul
RT: 13.816 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM046912.D
Acq: 30 Jul 2024 09:12

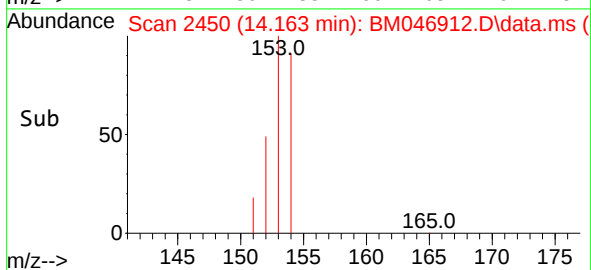
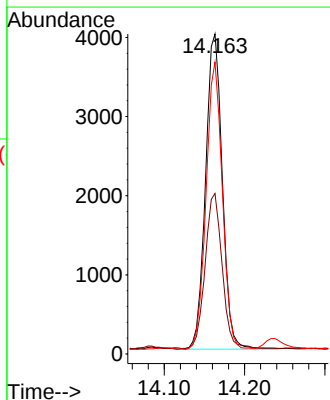
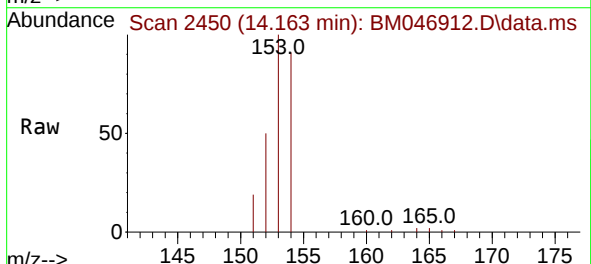
Instrument :
BNA_M
ClientSampleId :
E1G93MSD

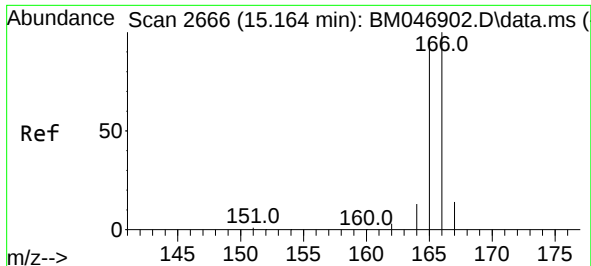
Tgt Ion:152 Resp: 7898
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 14.0 11.0 16.6



#11
Acenaphthene
Concen: 0.362 ng/ul
RT: 14.163 min Scan# 2450
Delta R.T. -0.001 min
Lab File: BM046912.D
Acq: 30 Jul 2024 09:12

Tgt Ion:153 Resp: 5778
Ion Ratio Lower Upper
153 100
152 50.2 38.6 57.8
154 91.2 70.8 106.2

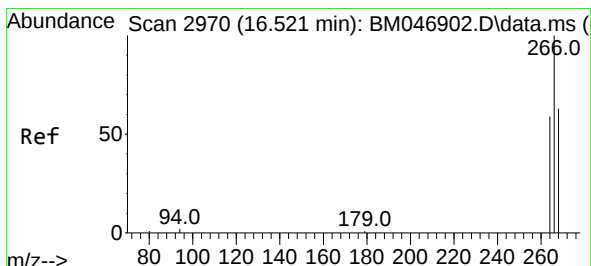
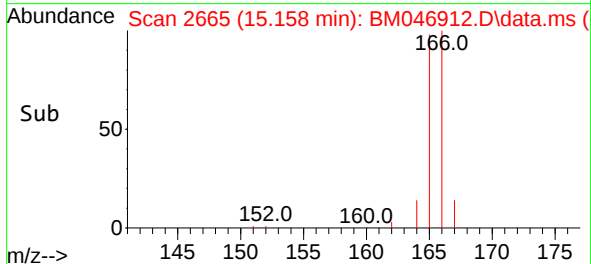
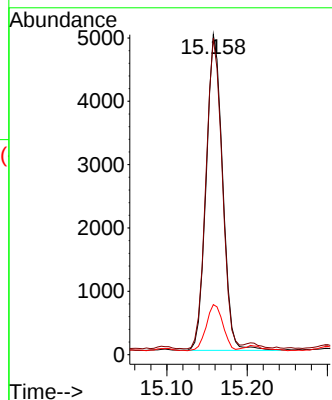
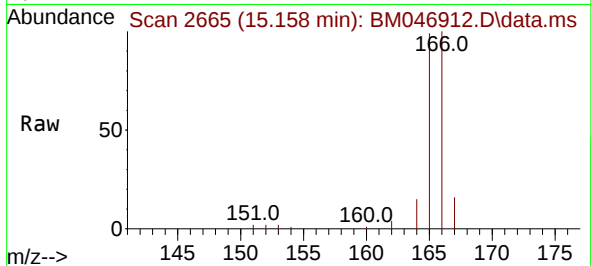




#12
 Fluorene
 Concen: 0.355 ng/ul
 RT: 15.158 min Scan# 2065
 Delta R.T. -0.006 min
 Lab File: BM046912.D
 Acq: 30 Jul 2024 09:12

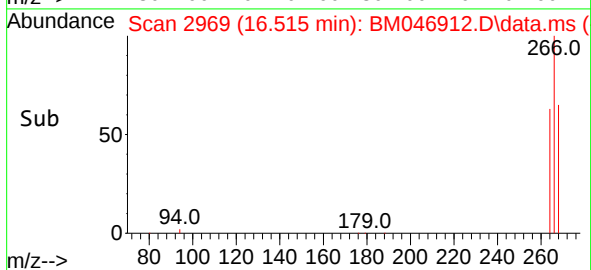
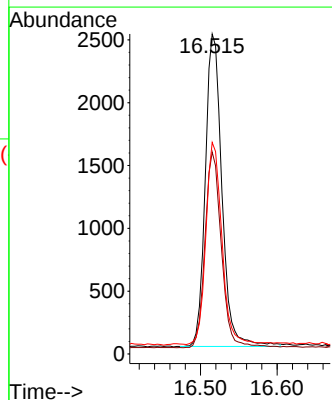
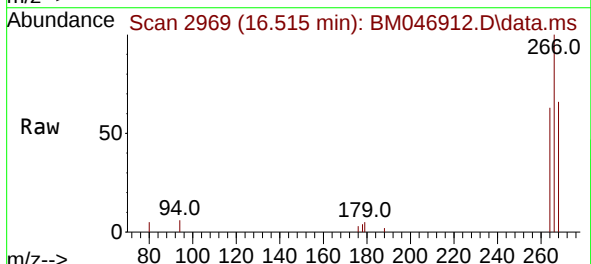
Instrument :
 BNA_M
 ClientSampleId :
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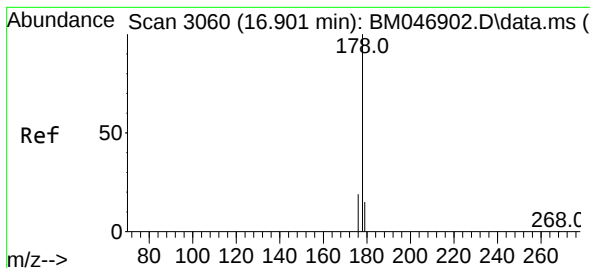
Tgt Ion:166 Resp: 7087
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.8 119.6
 167 15.7 12.3 18.5



#14
 Pentachlorophenol
 Concen: 0.809 ng/ul
 RT: 16.515 min Scan# 2969
 Delta R.T. -0.005 min
 Lab File: BM046912.D
 Acq: 30 Jul 2024 09:12

Tgt Ion:266 Resp: 3746
 Ion Ratio Lower Upper
 266 100
 264 61.9 51.1 76.7
 268 63.1 51.8 77.6





#15

Phenanthrene

Concen: 0.399 ng/ul

RT: 16.899 min Scan# 3060

Delta R.T. -0.001 min

Lab File: BM046912.D

Acq: 30 Jul 2024 09:12

Instrument :

BNA_M

ClientSampleId :

E1G93MSD

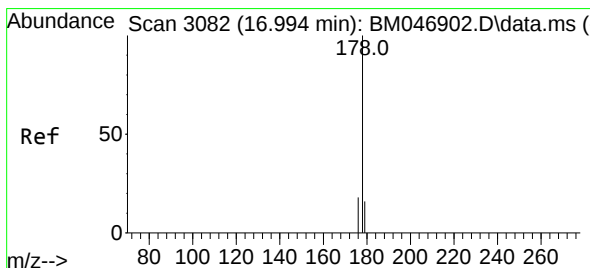
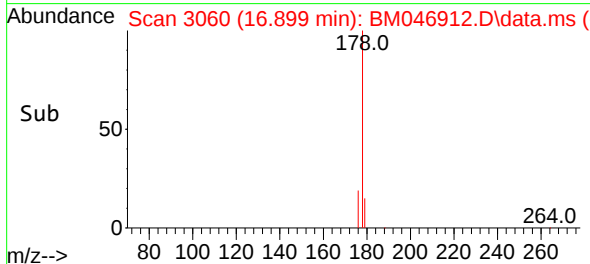
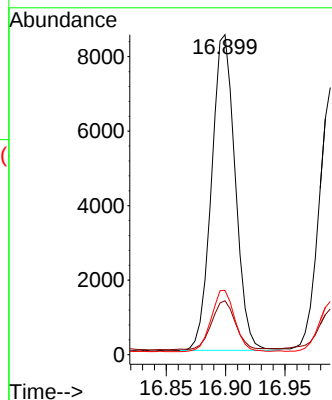
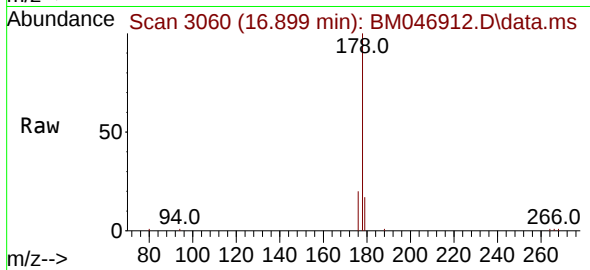
Tgt Ion:178 Resp: 11730

Ion Ratio Lower Upper

178 100

179 16.9 13.4 20.2

176 20.1 16.1 24.1



#16

Anthracene

Concen: 0.374 ng/ul

RT: 16.988 min Scan# 3081

Delta R.T. -0.005 min

Lab File: BM046912.D

Acq: 30 Jul 2024 09:12

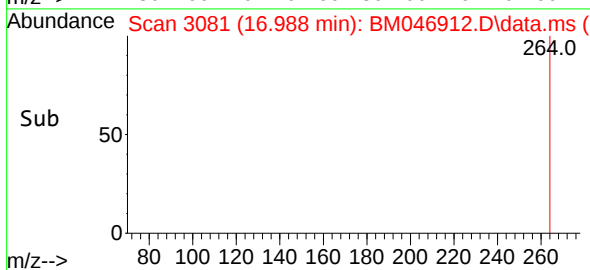
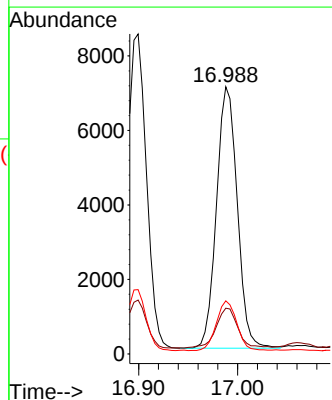
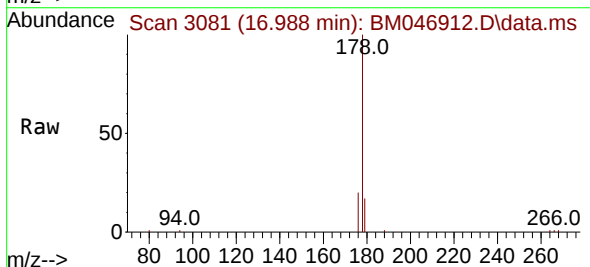
Tgt Ion:178 Resp: 10237

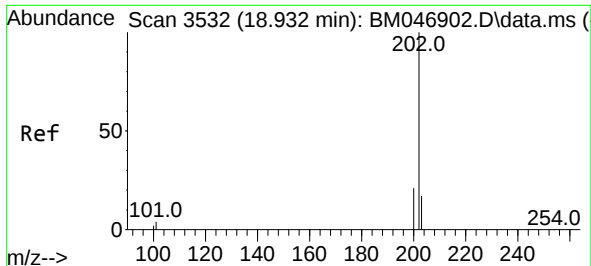
Ion Ratio Lower Upper

178 100

179 17.1 13.1 19.7

176 19.9 15.0 22.6

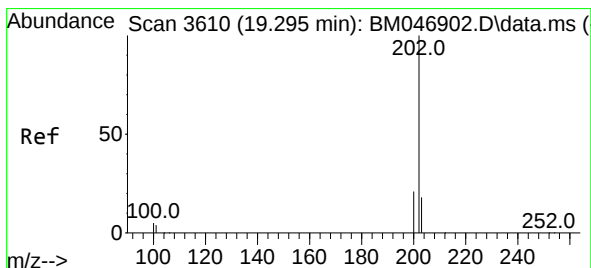
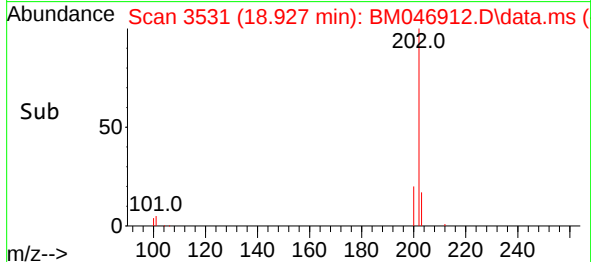
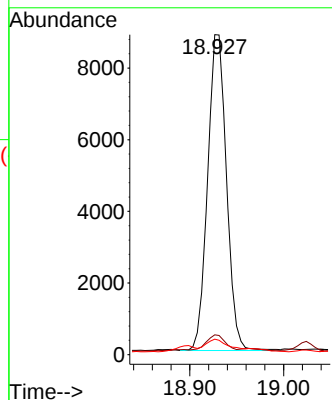
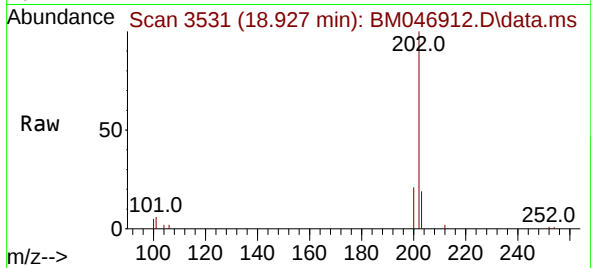




#19
Fluoranthene
Concen: 0.405 ng/u1
RT: 18.927 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BM046912.D
Acq: 30 Jul 2024 09:12

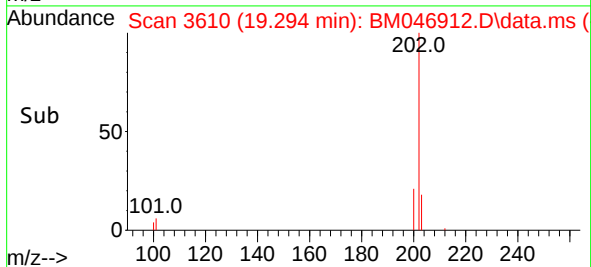
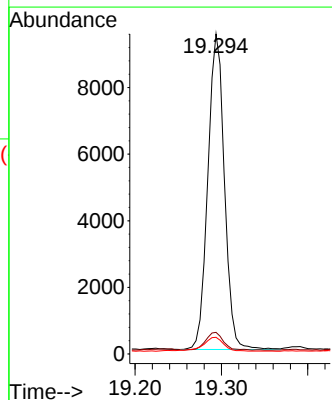
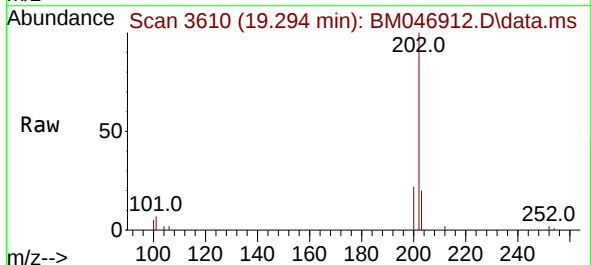
Instrument :
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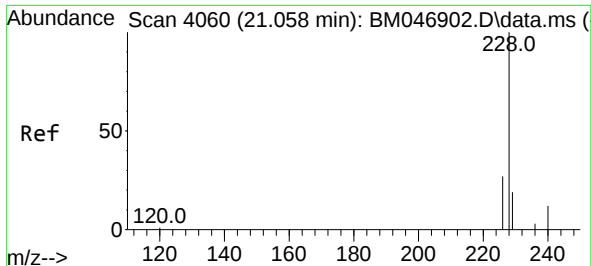
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.2	4.7	7.1
100	4.8	3.4	5.2



#20
Pyrene
Concen: 0.403 ng/u1
RT: 19.294 min Scan# 3610
Delta R.T. -0.001 min
Lab File: BM046912.D
Acq: 30 Jul 2024 09:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.2	7.8
100	5.2	4.3	6.5

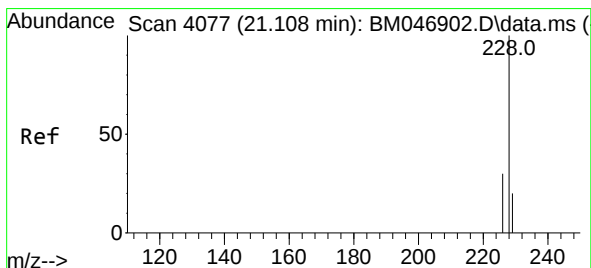
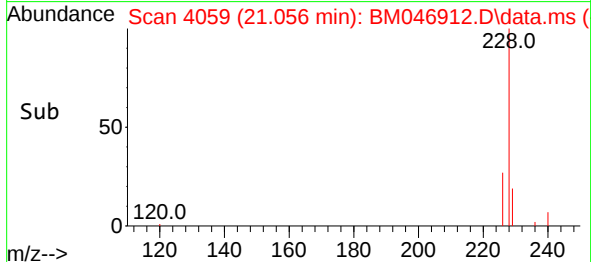
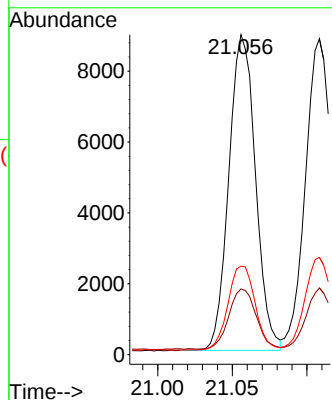
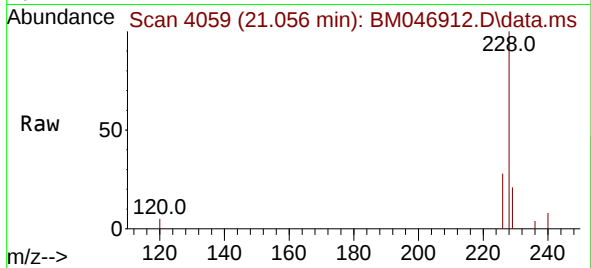




#21
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.056 min Scan# 4060
Delta R.T. -0.002 min
Lab File: BM046912.D
Acq: 30 Jul 2024 09:12

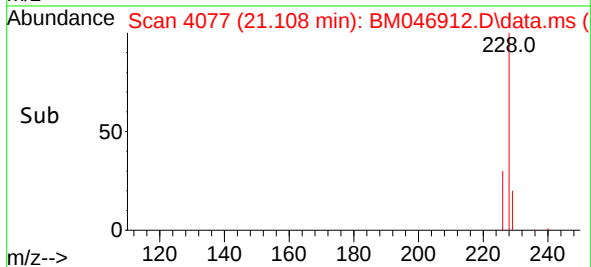
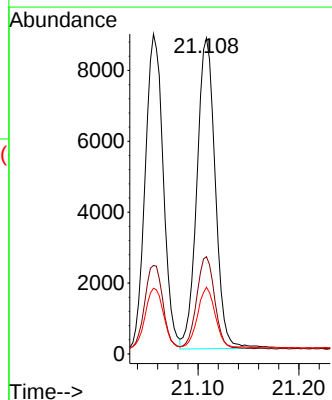
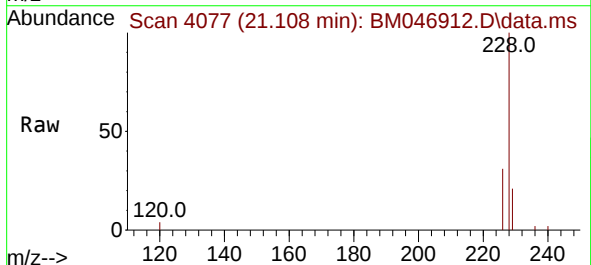
Instrument :
BNA_M
ClientSampleId :
E1G93MSD

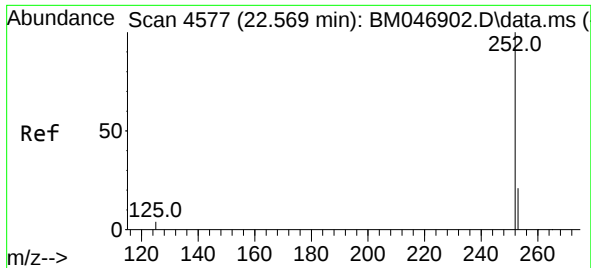
Tgt Ion:228 Resp: 11064
Ion Ratio Lower Upper
228 100
229 20.6 16.3 24.5
226 27.6 22.3 33.5



#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.108 min Scan# 4077
Delta R.T. 0.001 min
Lab File: BM046912.D
Acq: 30 Jul 2024 09:12

Tgt Ion:228 Resp: 11082
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 21.1 16.2 24.2

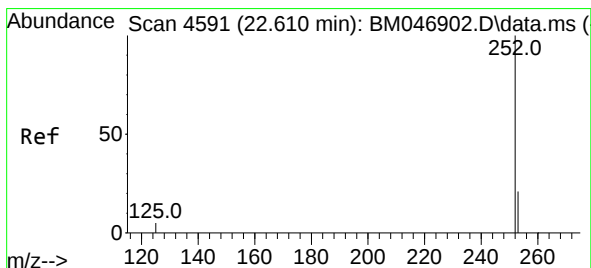
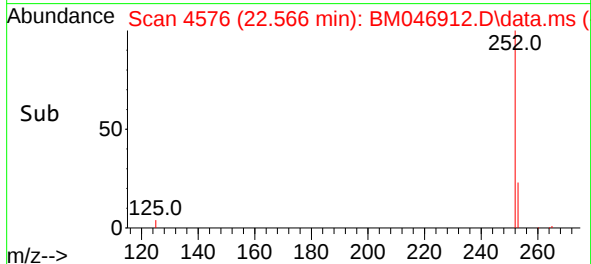
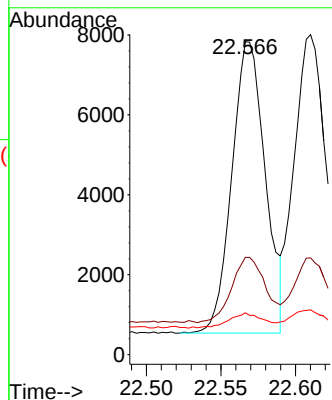
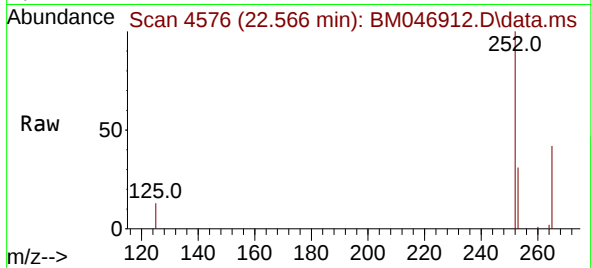




#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 22.566 min Scan# 4576
Delta R.T. -0.002 min
Lab File: BM046912.D
Acq: 30 Jul 2024 09:12

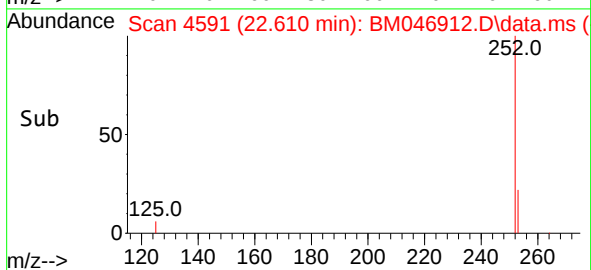
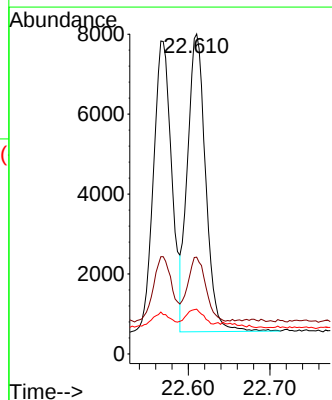
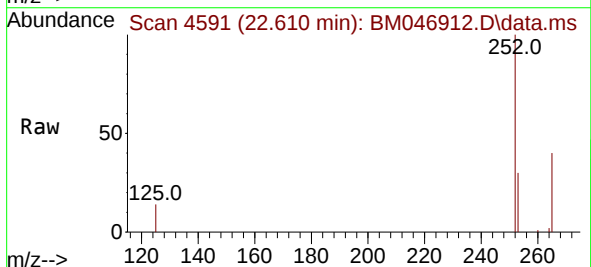
Instrument :
BNA_M
ClientSampleId :
E1G93MSD

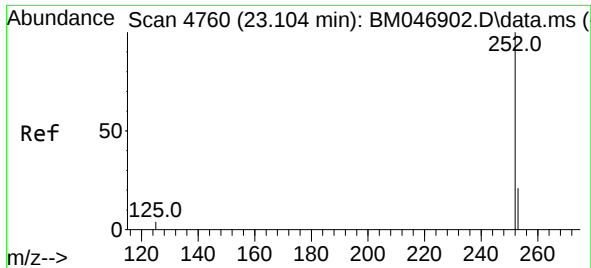
Tgt Ion:252 Resp: 11348
Ion Ratio Lower Upper
252 100
253 31.1 0.0 56.4
125 13.4 0.0 15.8



#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 22.610 min Scan# 4591
Delta R.T. 0.001 min
Lab File: BM046912.D
Acq: 30 Jul 2024 09:12

Tgt Ion:252 Resp: 11509
Ion Ratio Lower Upper
252 100
253 30.2 23.5 35.3
125 14.0 8.6 13.0#

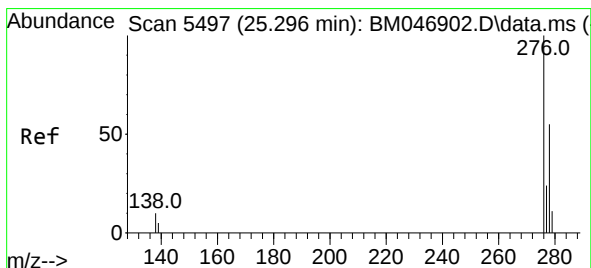
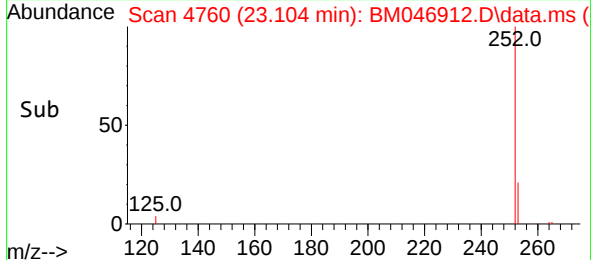
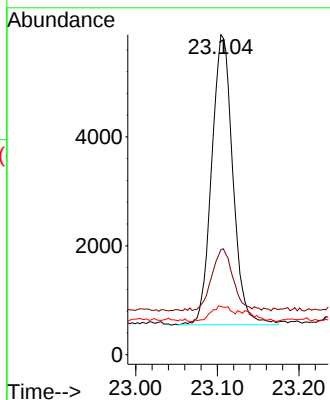
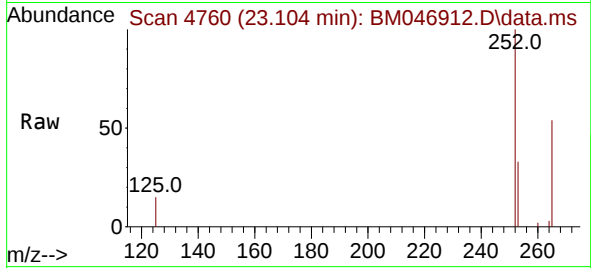




#26
Benzo(a)pyrene
Concen: 0.408 ng/ul
RT: 23.104 min Scan# 4760
Delta R.T. 0.001 min
Lab File: BM046912.D
Acq: 30 Jul 2024 09:12

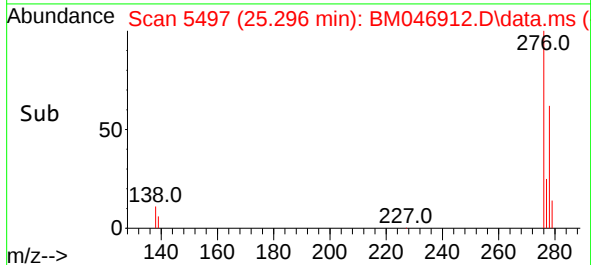
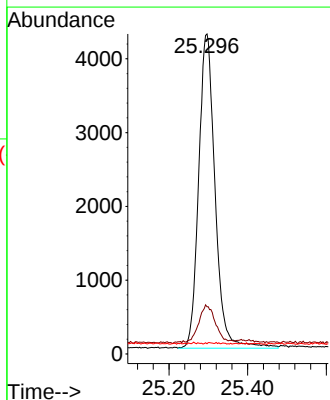
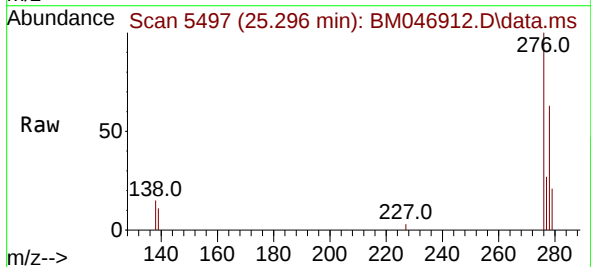
Instrument :
BNA_M
ClientSampleId :
E1G93MSD

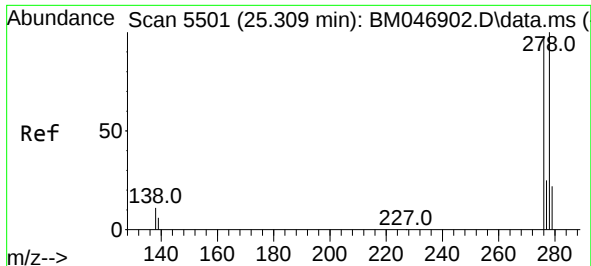
Tgt Ion:252 Resp: 9573
Ion Ratio Lower Upper
252 100
253 32.9 26.0 39.0
125 15.0 7.8 11.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng/ul
RT: 25.296 min Scan# 5497
Delta R.T. 0.001 min
Lab File: BM046912.D
Acq: 30 Jul 2024 09:12

Tgt Ion:276 Resp: 12324
Ion Ratio Lower Upper
276 100
138 12.6 9.7 14.5
227 0.2 0.2 0.2

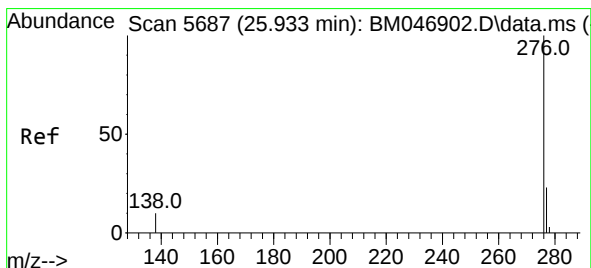
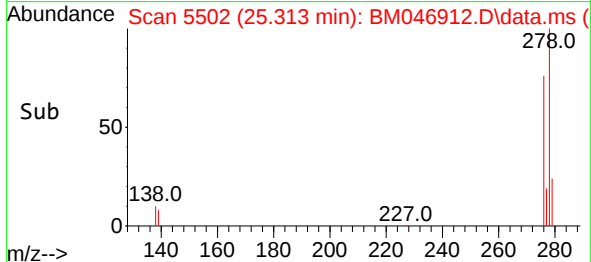
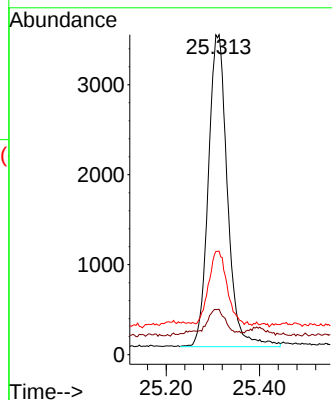
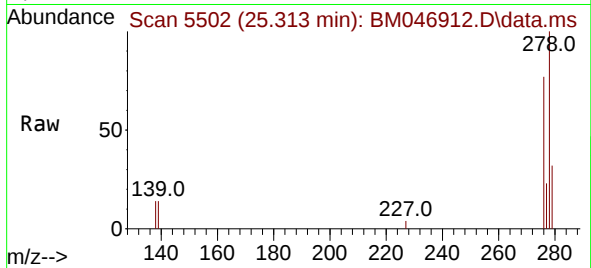




#28
Dibenzo(a,h)anthracene
Concen: 0.372 ng/ul
RT: 25.313 min Scan# 51
Delta R.T. 0.004 min
Lab File: BM046912.D
Acq: 30 Jul 2024 09:12

Instrument :
BNA_M
ClientSampleId :
E1G93MSD

Tgt Ion:278 Resp: 9845
Ion Ratio Lower Upper
278 100
139 14.2 9.8 14.8
279 32.3 25.2 37.8



#29
Benzo(g,h,i)perylene
Concen: 0.289 ng/ul
RT: 25.930 min Scan# 5686
Delta R.T. -0.003 min
Lab File: BM046912.D
Acq: 30 Jul 2024 09:12

Tgt Ion:276 Resp: 9196
Ion Ratio Lower Upper
276 100
138 14.6 9.5 14.3#
277 27.3 20.9 31.3

