

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048412.D
 Acq On : 02 Nov 2024 01:57
 Operator : RC/JU
 Sample : PB164490BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS490

Quant Time: Nov 03 21:51:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

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

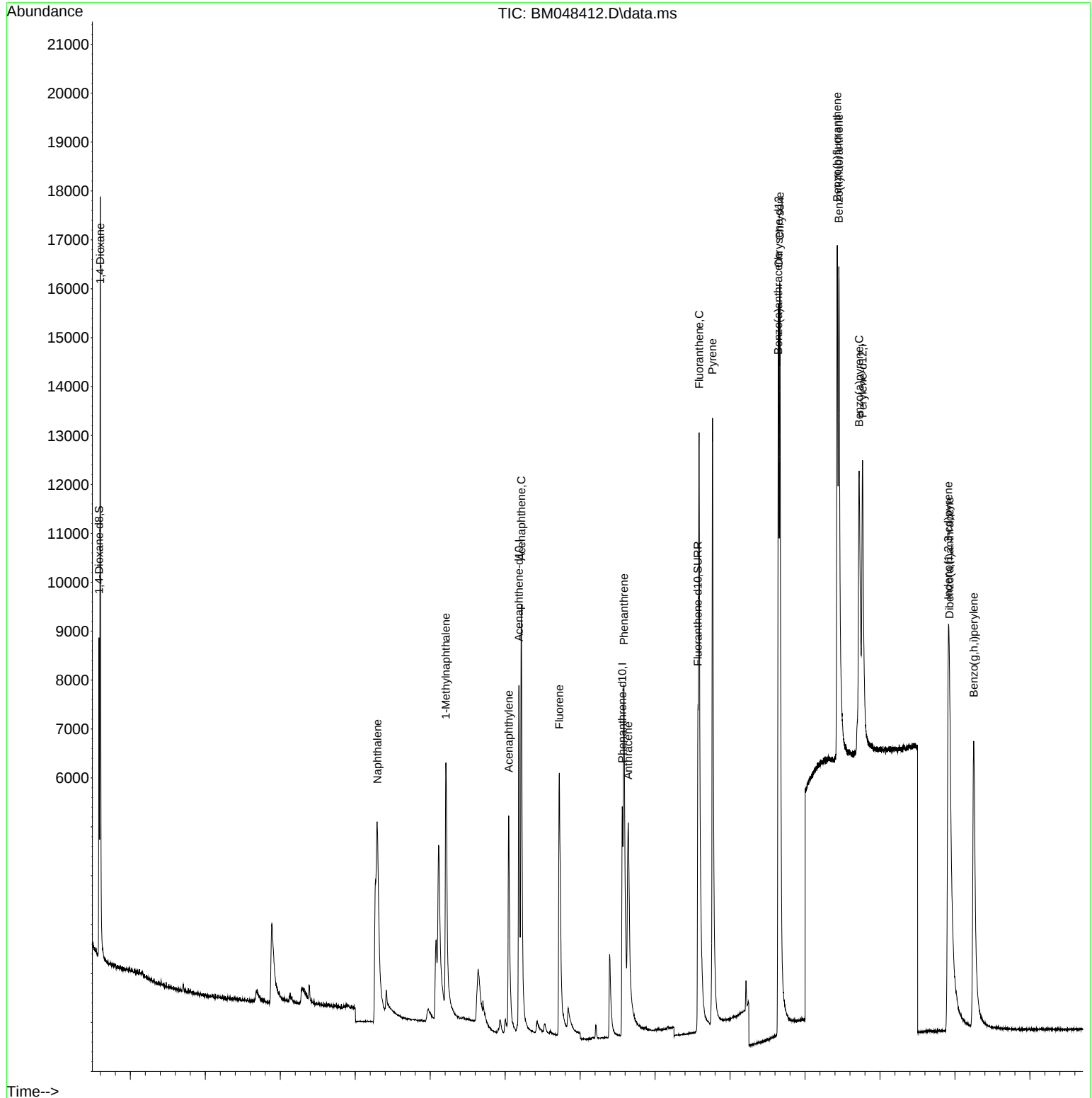
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	3019	0.400	ng/ul	0.03
4) Naphthalene-d8	10.541	136	11274	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.368	164	6555	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.124	188	13639	0.400	ng/ul	0.00
17) Chrysene-d12	21.295	240	11502	0.400	ng/ul	0.00
23) Perylene-d12	23.536	264	11483	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3796	1.024	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.157	152	6151	0.429	ng/ul	0.02
18) Fluoranthene-d10	19.142	212	14331	0.491	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.198	88	9815	2.440	ng/ul#	82
5) Naphthalene	10.590	128	11343	0.385	ng/ul	98
7) 2-Methylnaphthalene	12.229	142	6376	0.364	ng/ul	99
8) 1-Methylnaphthalene	12.416	142	7372	0.395	ng/ul	100
10) Acenaphthylene	14.095	152	9772	0.386	ng/ul	98
11) Acenaphthene	14.433	153	8189	0.403	ng/ul	99
12) Fluorene	15.446	166	8680	0.384	ng/ul	99
14) Pentachlorophenol	16.787	266	2647	0.697	ng/ul	95
15) Phenanthrene	17.171	178	12748	0.376	ng/ul	99
16) Anthracene	17.285	178	11473	0.362	ng/ul	97
19) Fluoranthene	19.174	202	17883	0.451	ng/ul	99
20) Pyrene	19.532	202	19458	0.457	ng/ul	99
21) Benzo(a)anthracene	21.283	228	13411	0.389	ng/ul	99
22) Chrysene	21.330	228	22700	0.479	ng/ul	100
24) Benzo(b)fluoranthene	22.861	252	17131	0.437	ng/ul	99
25) Benzo(k)fluoranthene	22.902	252	21886	0.471	ng/ul	100
26) Benzo(a)pyrene	23.443	252	16520	0.448	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.822	276	22369	0.434	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.853	278	17335	0.431	ng/ul	100
29) Benzo(g,h,i)perylene	26.500	276	19315	0.445	ng/ul	99

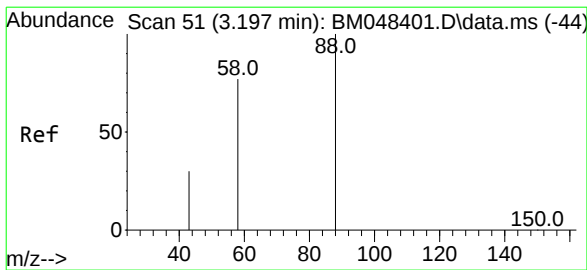
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048412.D
Acq On : 02 Nov 2024 01:57
Operator : RC/JU
Sample : PB164490BS
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS490

Quant Time: Nov 03 21:51:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 2.440 ng/u1

RT: 3.198 min Scan# 51

Delta R.T. -0.004 min

Lab File: BM048412.D

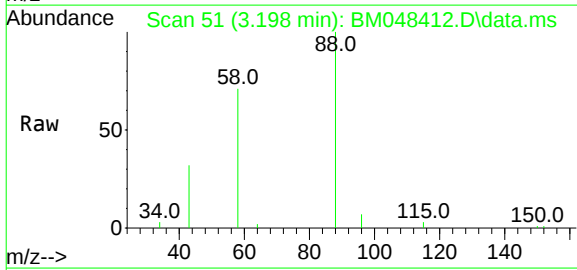
Acq: 02 Nov 2024 01:57

Instrument :

BNA_M

ClientSampleId :

SLCS490



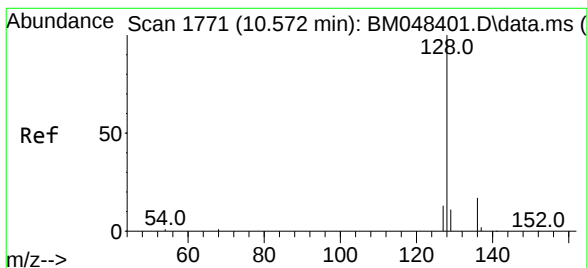
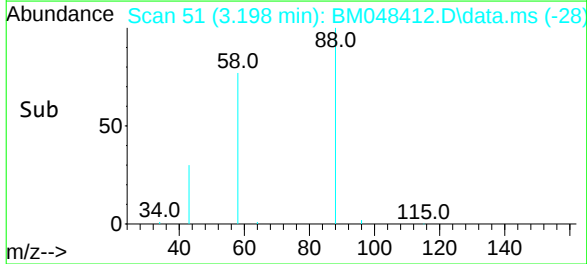
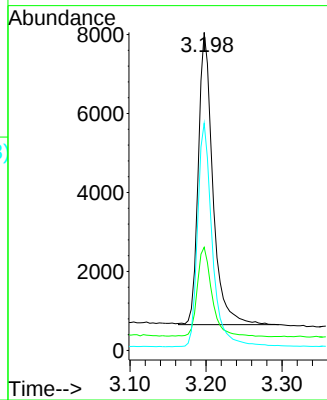
Tgt Ion: 88 Resp: 9815

Ion Ratio Lower Upper

88 100

43 32.4 36.2 54.4#

58 71.4 47.4 71.0#



#5

Naphthalene

Concen: 0.385 ng/u1

RT: 10.590 min Scan# 1774

Delta R.T. 0.011 min

Lab File: BM048412.D

Acq: 02 Nov 2024 01:57

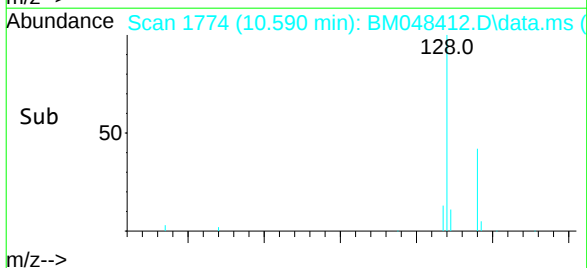
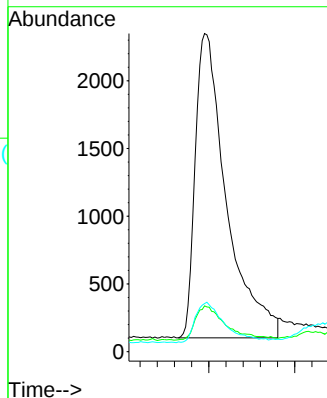
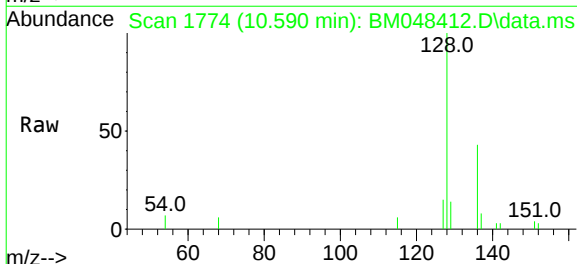
Tgt Ion: 128 Resp: 11343

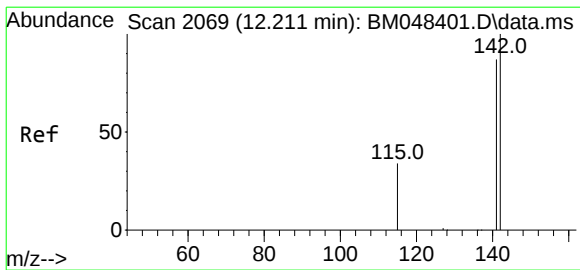
Ion Ratio Lower Upper

128 100

129 14.4 10.6 15.8

127 15.1 11.4 17.2

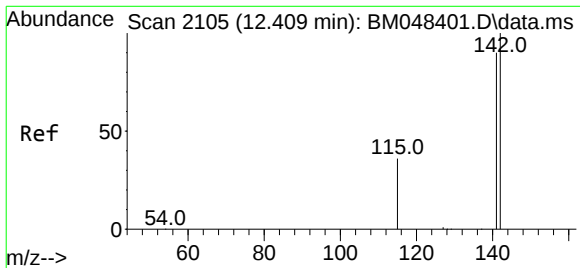
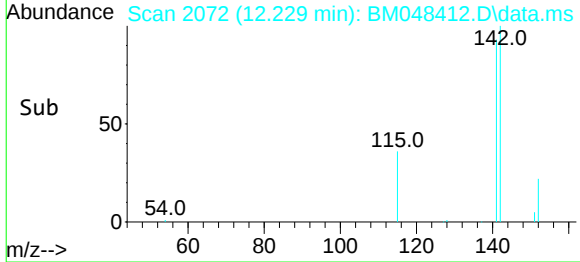
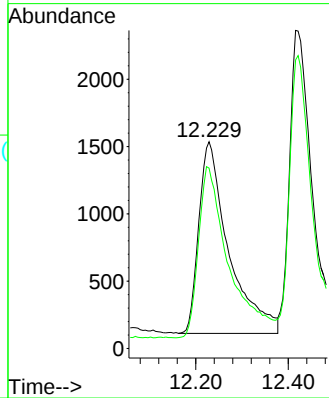
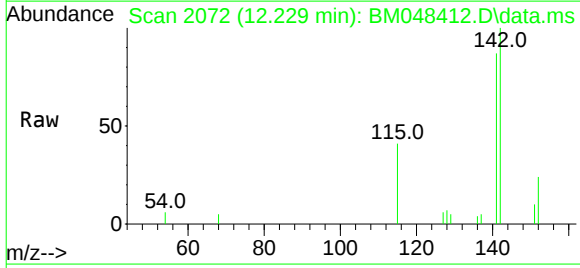




#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.229 min Scan# 2069
Delta R.T. 0.017 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

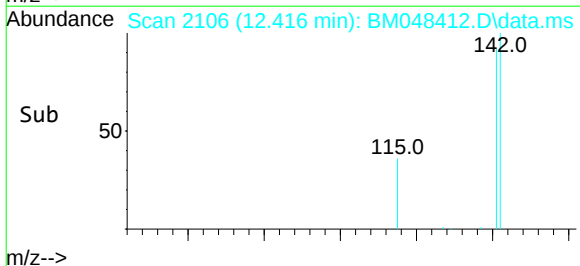
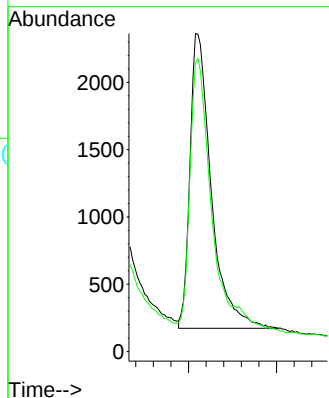
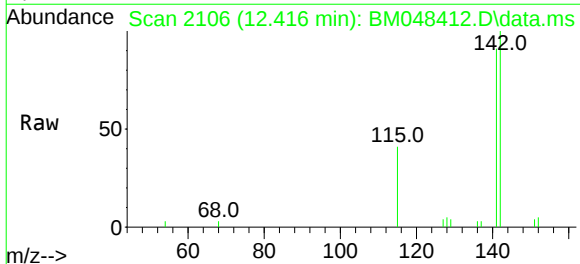
Instrument :
BNA_M
ClientSampleId :
SLCS490

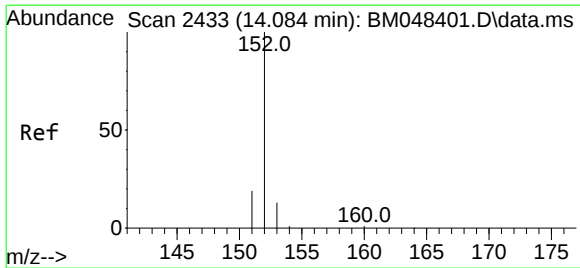
Tgt Ion:142 Resp: 6376
Ion Ratio Lower Upper
142 100
141 91.0 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.416 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Tgt Ion:142 Resp: 7372
Ion Ratio Lower Upper
142 100
141 94.5 75.5 113.3





#10

Acenaphthylene

Concen: 0.386 ng/ul

RT: 14.095 min Scan# 24

Delta R.T. 0.005 min

Lab File: BM048412.D

Acq: 02 Nov 2024 01:57

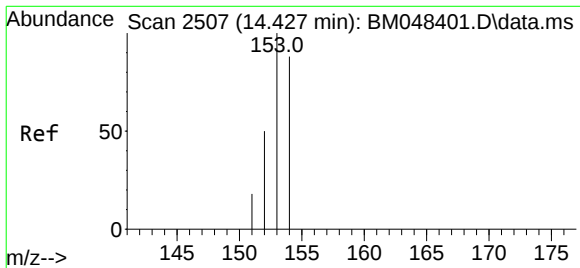
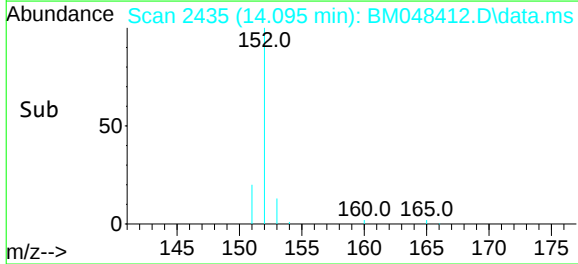
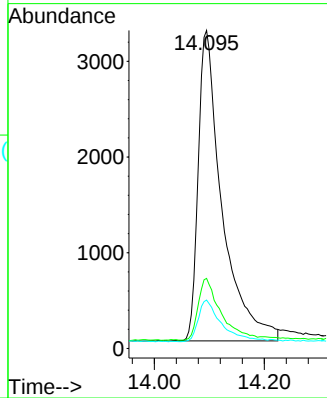
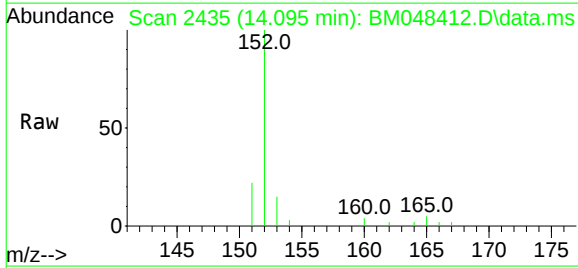
Instrument :

BNA_M

ClientSampleId :

SLCS490

Tgt Ion:	152	Resp:	9772
Ion Ratio	Lower	Upper	
152	100		
151	22.0	16.6	24.8
153	15.2	11.8	17.6



#11

Acenaphthene

Concen: 0.403 ng/ul

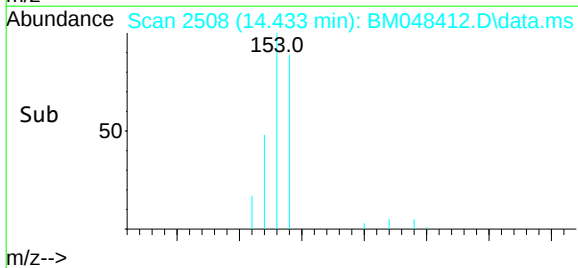
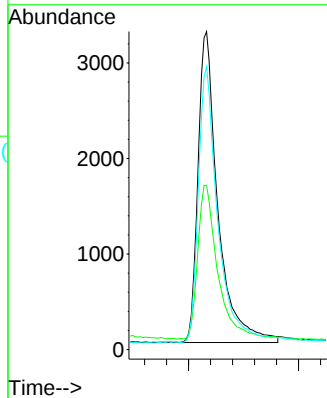
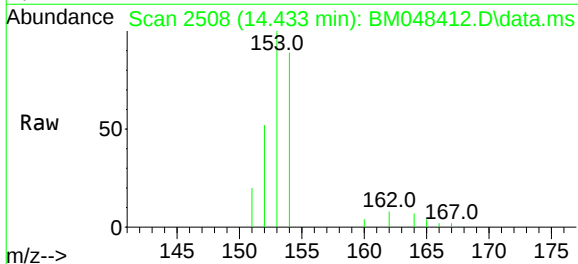
RT: 14.433 min Scan# 2508

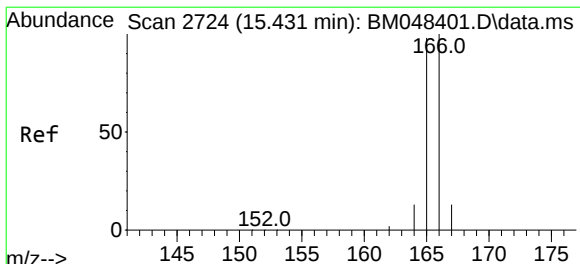
Delta R.T. 0.005 min

Lab File: BM048412.D

Acq: 02 Nov 2024 01:57

Tgt Ion:	153	Resp:	8189
Ion Ratio	Lower	Upper	
153	100		
152	51.7	40.7	61.1
154	88.9	70.6	106.0

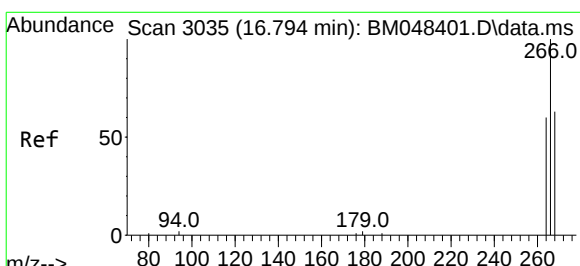
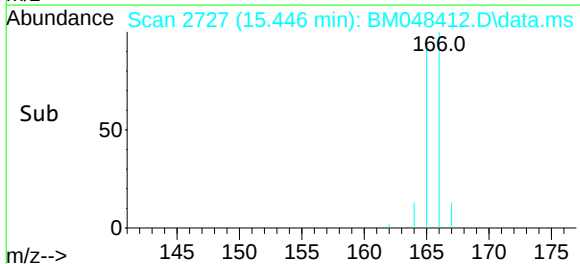
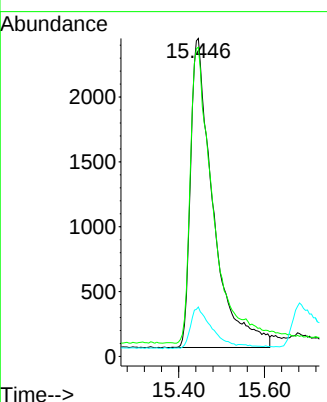
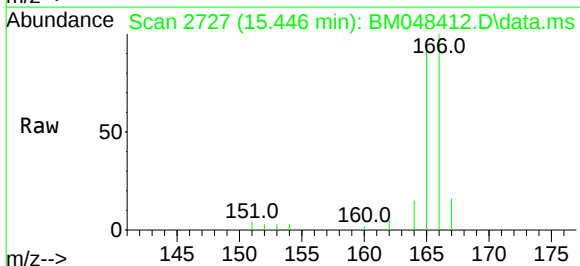




#12
 Fluorene
 Concen: 0.384 ng/ul
 RT: 15.446 min Scan# 2727
 Delta R.T. 0.014 min
 Lab File: BM048412.D
 Acq: 02 Nov 2024 01:57

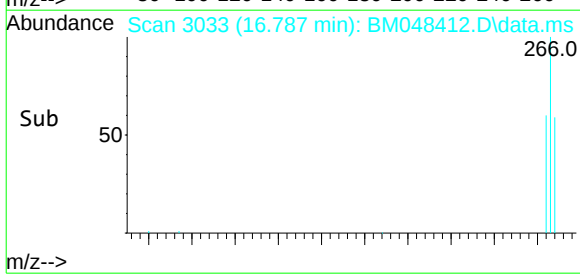
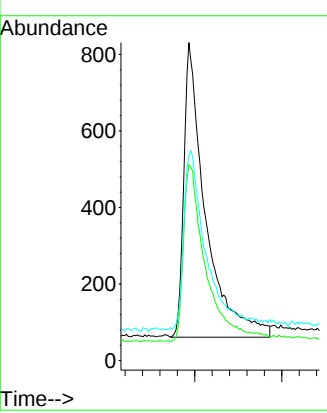
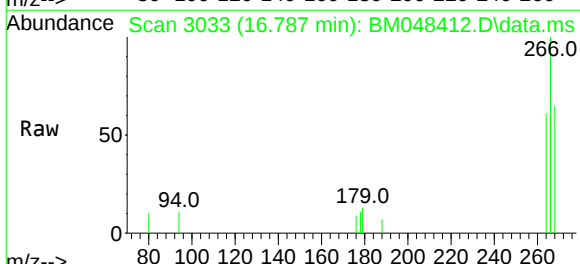
Instrument :
 BNA_M
 ClientSampleId :
 SLCS490

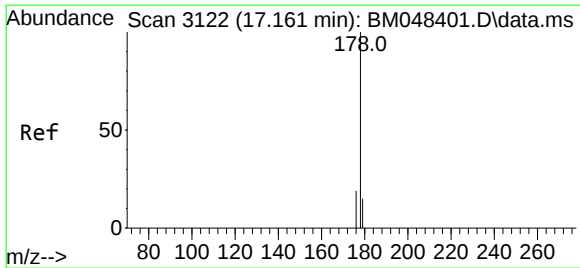
Tgt Ion:	166	Resp:	8680
Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.6	118.0
167	15.5	12.1	18.1



#14
 Pentachlorophenol
 Concen: 0.697 ng/ul
 RT: 16.787 min Scan# 3033
 Delta R.T. 0.000 min
 Lab File: BM048412.D
 Acq: 02 Nov 2024 01:57

Tgt Ion:	266	Resp:	2647
Ion	Ratio	Lower	Upper
266	100		
264	62.0	48.3	72.5
268	64.4	46.2	69.4





#15

Phenanthrene

Concen: 0.376 ng/u1

RT: 17.171 min Scan# 31

Delta R.T. 0.013 min

Lab File: BM048412.D

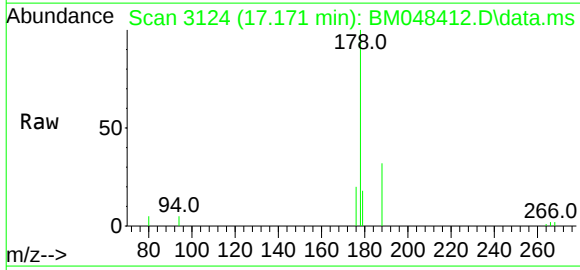
Acq: 02 Nov 2024 01:57

Instrument :

BNA_M

ClientSampleId :

SLCS490



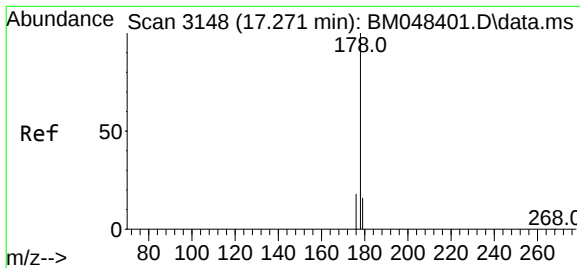
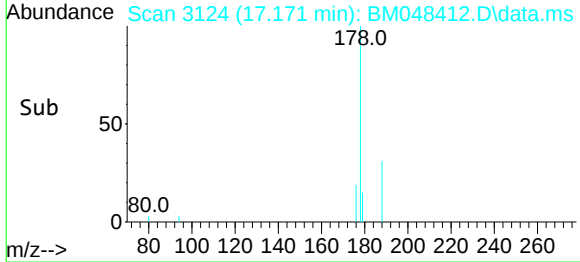
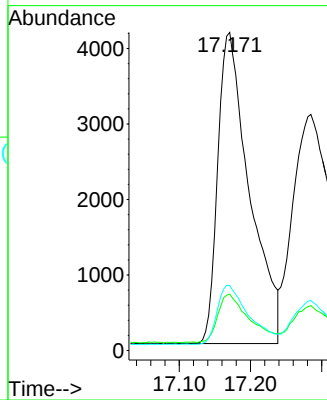
Tgt Ion:178 Resp: 12748

Ion Ratio Lower Upper

178 100

179 17.7 13.9 20.9

176 20.4 16.0 24.0



#16

Anthracene

Concen: 0.362 ng/u1

RT: 17.285 min Scan# 3151

Delta R.T. 0.025 min

Lab File: BM048412.D

Acq: 02 Nov 2024 01:57

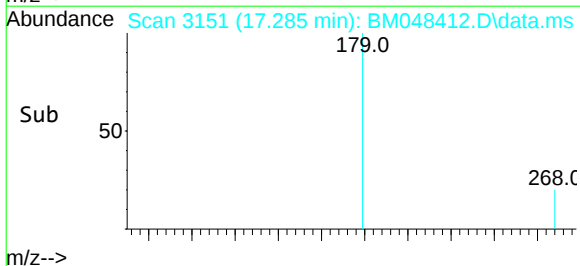
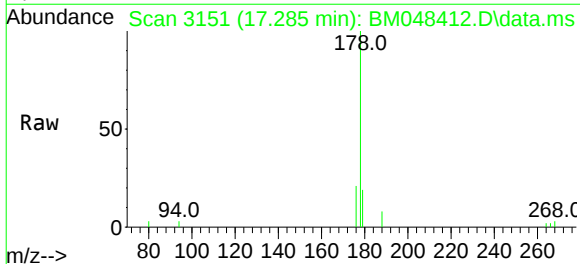
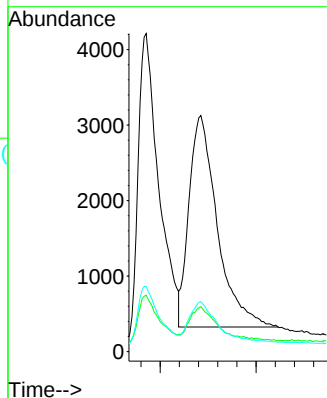
Tgt Ion:178 Resp: 11473

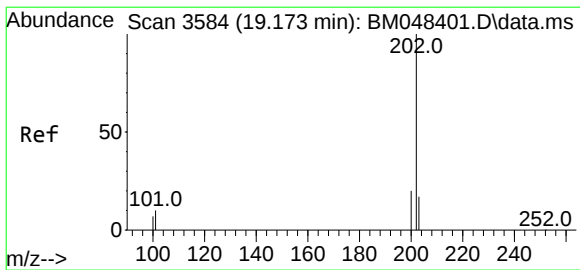
Ion Ratio Lower Upper

178 100

179 19.0 14.2 21.2

176 21.2 15.8 23.6

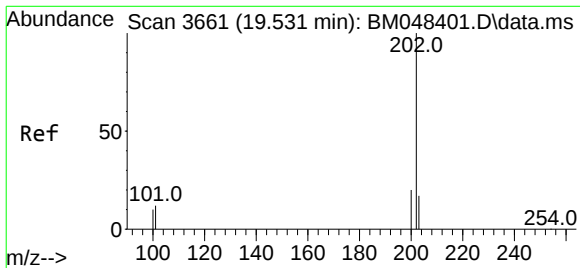
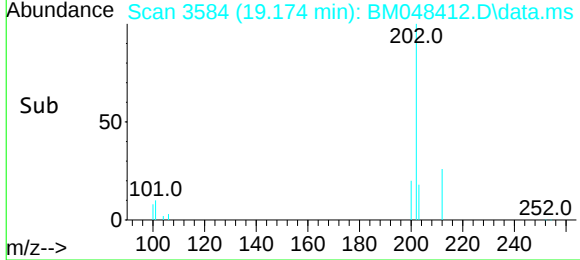
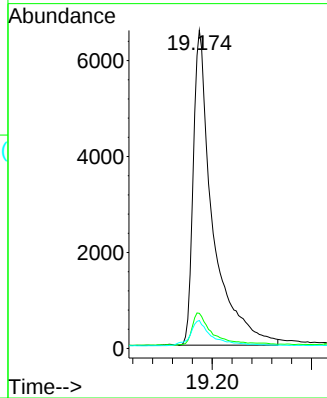
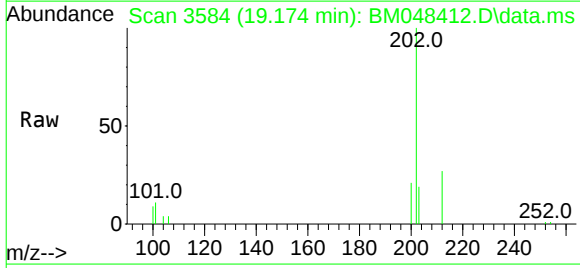




#19
Fluoranthene
Concen: 0.451 ng/u1
RT: 19.174 min Scan# 3584
Delta R.T. 0.005 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

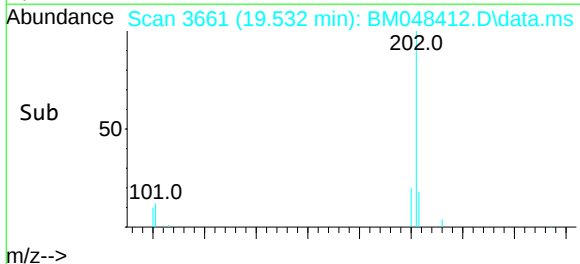
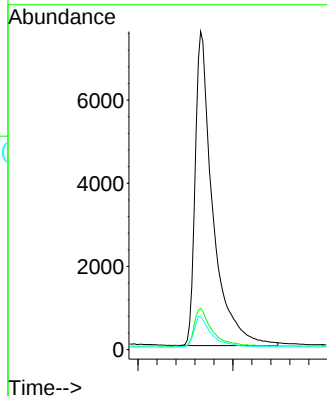
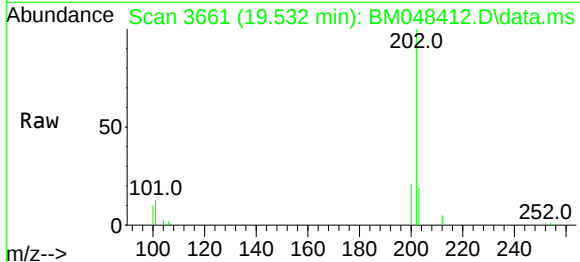
Instrument :
BNA_M
ClientSampleId :
SLCS490

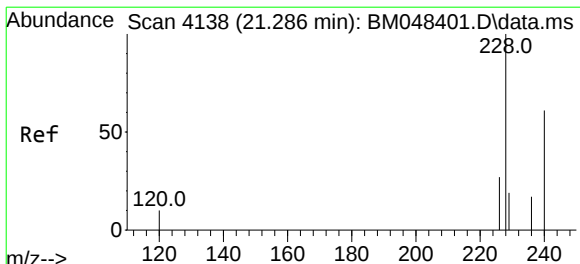
Tgt	Ion:202	Resp:	17883
Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.0	13.4
100	8.8	6.6	10.0



#20
Pyrene
Concen: 0.457 ng/u1
RT: 19.532 min Scan# 3661
Delta R.T. 0.000 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Tgt	Ion:202	Resp:	19458
Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.0	15.0
100	10.2	8.0	12.0

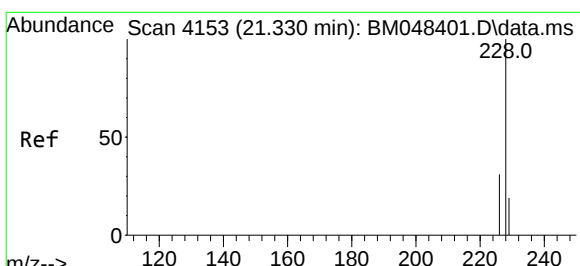
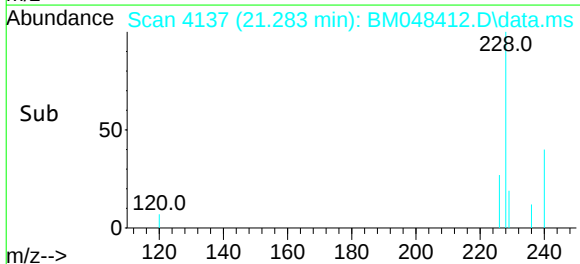
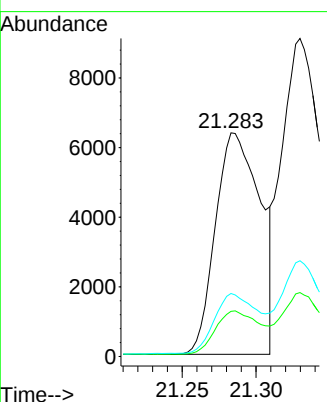
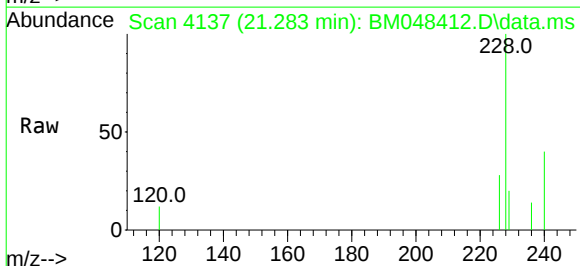




#21
 Benzo(a)anthracene
 Concen: 0.389 ng/u1
 RT: 21.283 min Scan# 4137
 Delta R.T. 0.003 min
 Lab File: BM048412.D
 Acq: 02 Nov 2024 01:57

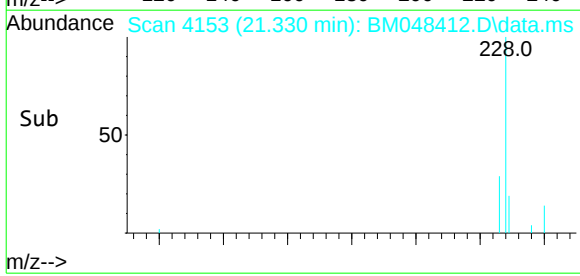
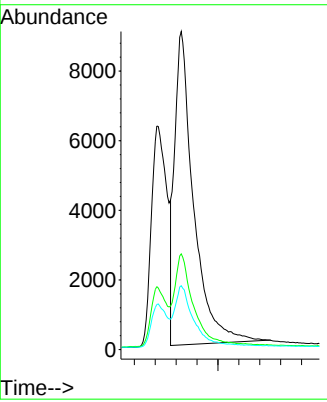
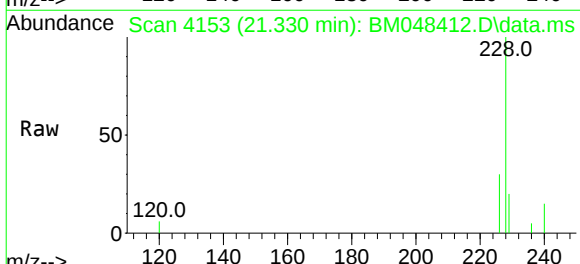
Instrument :
 BNA_M
 ClientSampleId :
 SLCS490

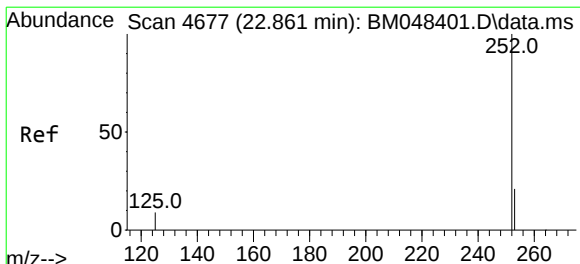
Tgt Ion:	228	Resp:	13411
Ion Ratio	Lower	Upper	
228	100		
229	20.2	15.9	23.9
226	28.2	22.1	33.1



#22
 Chrysene
 Concen: 0.479 ng/u1
 RT: 21.330 min Scan# 4153
 Delta R.T. 0.003 min
 Lab File: BM048412.D
 Acq: 02 Nov 2024 01:57

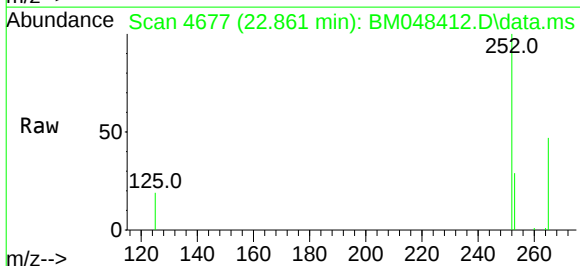
Tgt Ion:	228	Resp:	22700
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.1	36.1
229	20.1	15.9	23.9





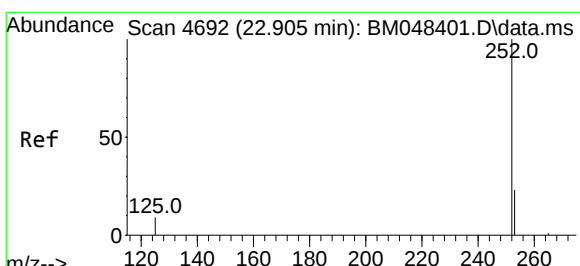
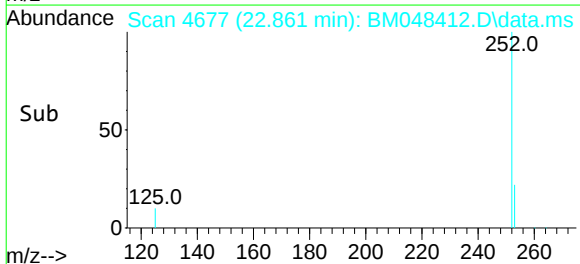
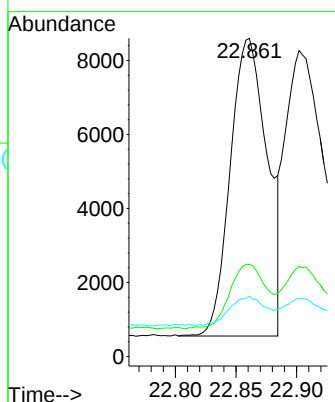
#24
 Benzo(b)fluoranthene
 Concen: 0.437 ng/u1
 RT: 22.861 min Scan# 4677
 Delta R.T. 0.000 min
 Lab File: BM048412.D
 Acq: 02 Nov 2024 01:57

Instrument :
 BNA_M
 ClientSampleId :
 SLCS490



Tgt Ion: 252 Resp: 17131

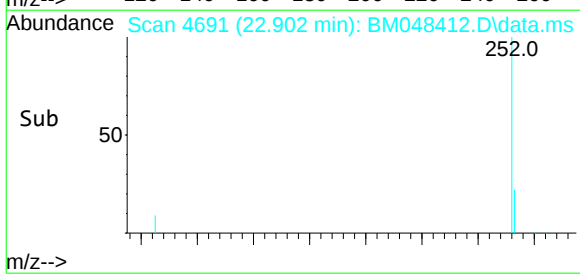
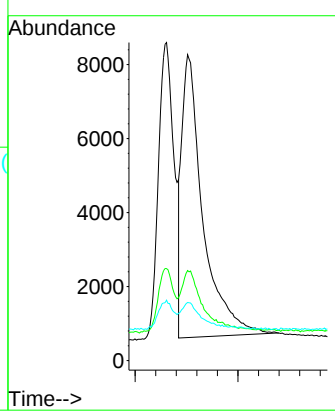
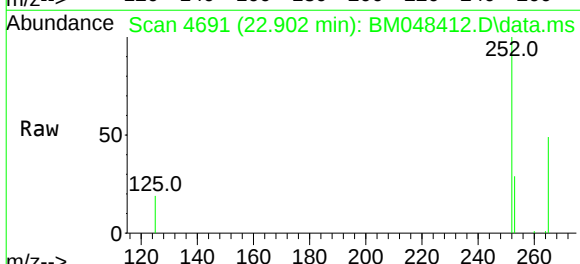
Ion	Ratio	Lower	Upper
252	100		
253	28.9	0.0	59.4
125	19.0	0.0	38.0

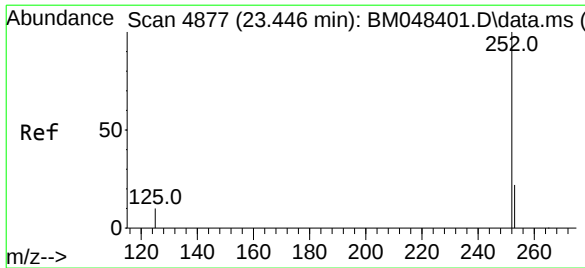


#25
 Benzo(k)fluoranthene
 Concen: 0.471 ng/u1
 RT: 22.902 min Scan# 4691
 Delta R.T. -0.003 min
 Lab File: BM048412.D
 Acq: 02 Nov 2024 01:57

Tgt Ion: 252 Resp: 21886

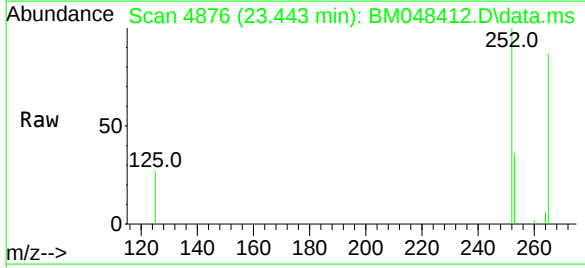
Ion	Ratio	Lower	Upper
252	100		
253	29.4	23.4	35.0
125	19.0	15.3	22.9



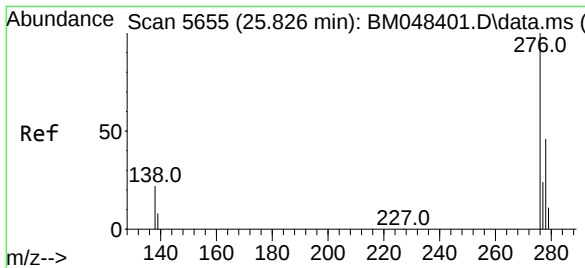
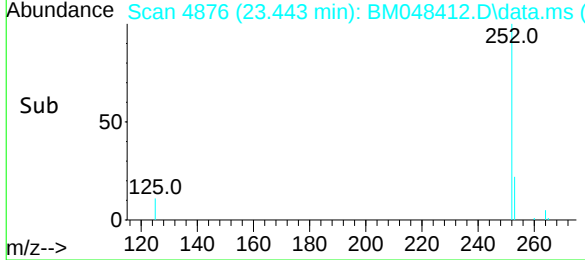
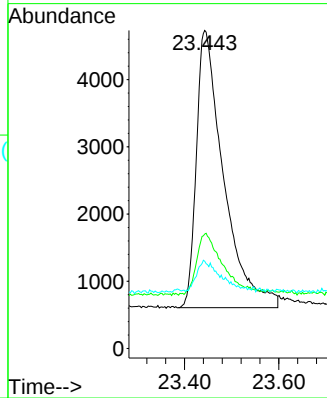


#26
Benzo(a)pyrene
Concen: 0.448 ng/ul
RT: 23.443 min Scan# 4876
Delta R.T. 0.003 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Instrument :
BNA_M
ClientSampleId :
SLCS490

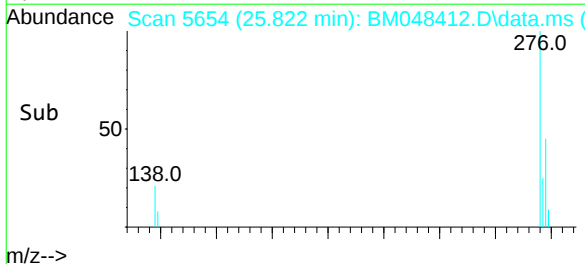
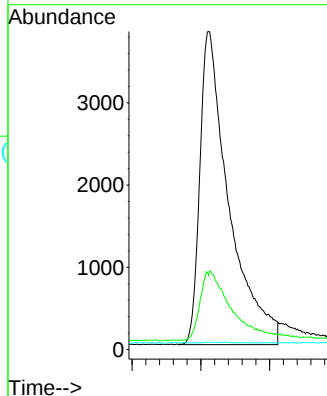
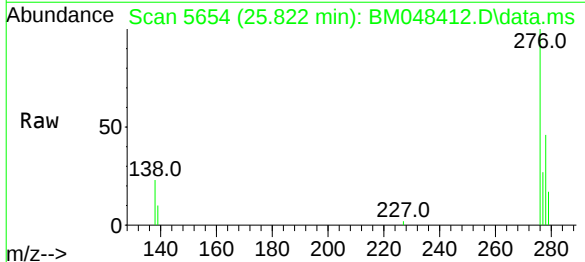


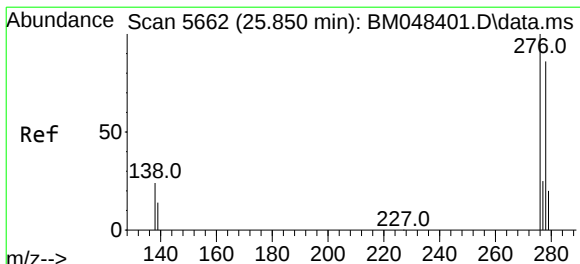
Tgt Ion:	252	Resp:	16520
Ion	Ratio	Lower	Upper
252	100		
253	36.0	27.7	41.5
125	27.4	21.1	31.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng/ul
RT: 25.822 min Scan# 5654
Delta R.T. 0.010 min
Lab File: BM048412.D
Acq: 02 Nov 2024 01:57

Tgt Ion:	276	Resp:	22369
Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.6	29.4
227	0.2	0.1	0.1#

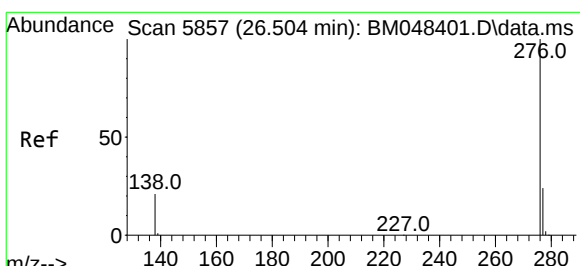
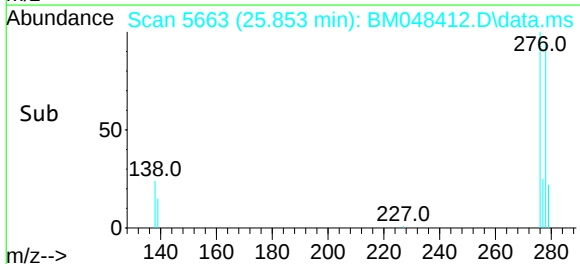
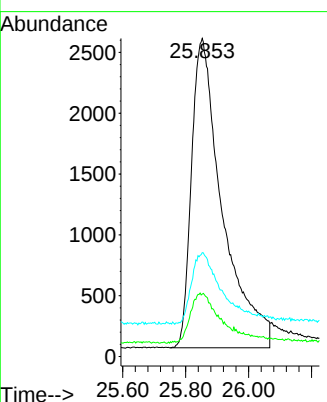
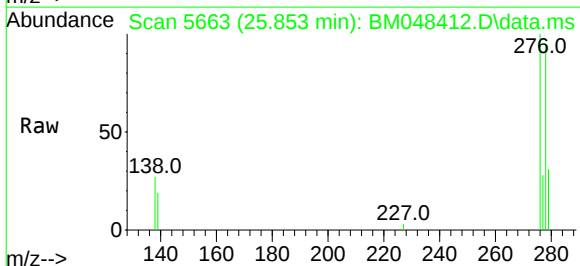




#28
 Dibenzo(a,h)anthracene
 Concen: 0.431 ng/ul
 RT: 25.853 min Scan# 5662
 Delta R.T. 0.017 min
 Lab File: BM048412.D
 Acq: 02 Nov 2024 01:57

Instrument :
 BNA_M
 ClientSampleId :
 SLCS490

Tgt Ion:	278	Resp:	17335
Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.6	23.4
279	32.7	26.4	39.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.445 ng/ul
 RT: 26.500 min Scan# 5856
 Delta R.T. 0.000 min
 Lab File: BM048412.D
 Acq: 02 Nov 2024 01:57

Tgt Ion:	276	Resp:	19315
Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.0	28.6
277	25.2	20.6	31.0

