

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048413.D
 Acq On : 02 Nov 2024 02:34
 Operator : RC/JU
 Sample : PB164517BS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS517

Quant Time: Nov 03 21:51:54 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)

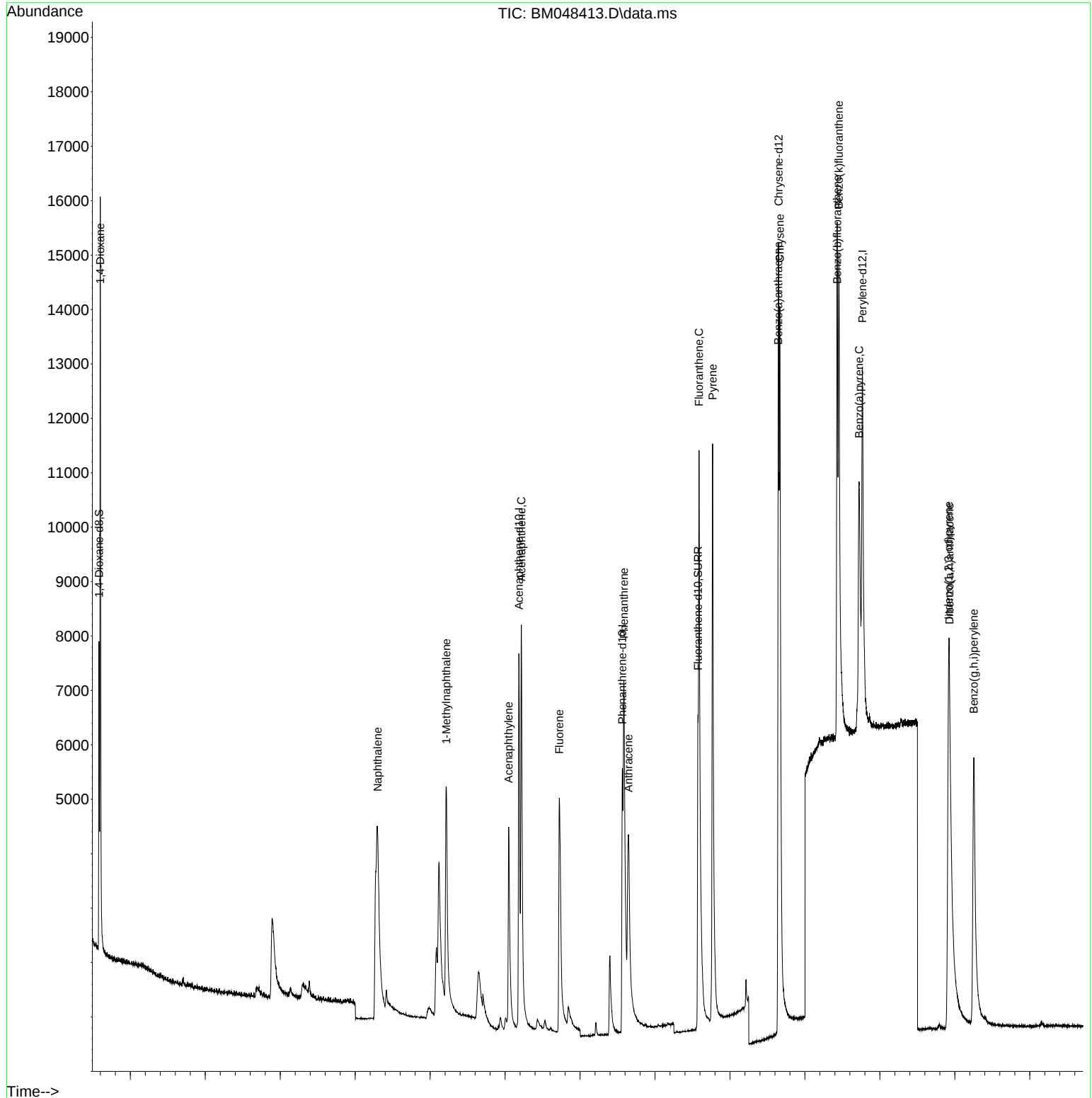
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	2982	0.400	ng/ul	0.04
4) Naphthalene-d8	10.546	136	11575	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.368	164	6879	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.129	188	14538	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	12484	0.400	ng/ul	0.00
23) Perylene-d12	23.534	264	12770	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3314	0.905	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.168	152	5148	0.350	ng/ul	0.03
18) Fluoranthene-d10	19.146	212	12936	0.408	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.198	88	9007	2.267	ng/ul#	83
5) Naphthalene	10.601	128	9661	0.319	ng/ul	97
7) 2-Methylnaphthalene	12.240	142	5371	0.298	ng/ul	97
8) 1-Methylnaphthalene	12.432	142	6473	0.337	ng/ul	98
10) Acenaphthylene	14.095	152	8485	0.319	ng/ul	98
11) Acenaphthene	14.433	153	7117	0.334	ng/ul	98
12) Fluorene	15.446	166	7673	0.324	ng/ul	98
14) Pentachlorophenol	16.795	266	2381	0.588	ng/ul	94
15) Phenanthrene	17.171	178	11378	0.315	ng/ul	99
16) Anthracene	17.289	178	10156	0.300	ng/ul	98
19) Fluoranthene	19.174	202	15906	0.370	ng/ul	98
20) Pyrene	19.537	202	17071	0.370	ng/ul	99
21) Benzo(a)anthracene	21.286	228	11686	0.312	ng/ul	100
22) Chrysene	21.330	228	19514	0.379	ng/ul	99
24) Benzo(b)fluoranthene	22.858	252	14626	0.335	ng/ul	100
25) Benzo(k)fluoranthene	22.905	252	19323	0.374	ng/ul	100
26) Benzo(a)pyrene	23.446	252	14372	0.351	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.833	276	18851	0.329	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.856	278	14553	0.326	ng/ul	97
29) Benzo(g,h,i)perylene	26.507	276	16420	0.340	ng/ul	99

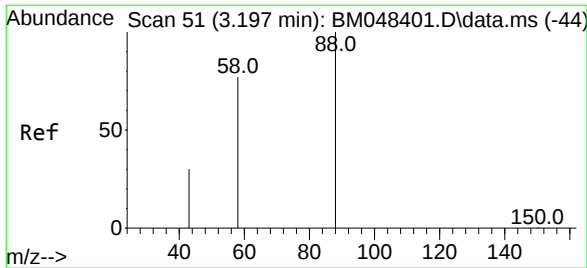
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048413.D
Acq On : 02 Nov 2024 02:34
Operator : RC/JU
Sample : PB164517BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS517

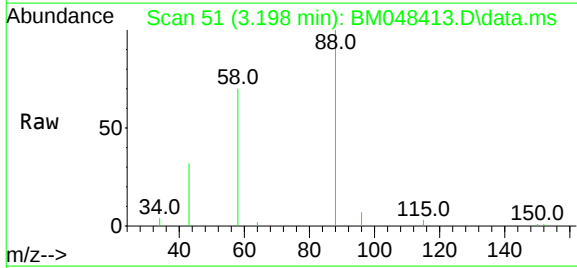
Quant Time: Nov 03 21:51:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration



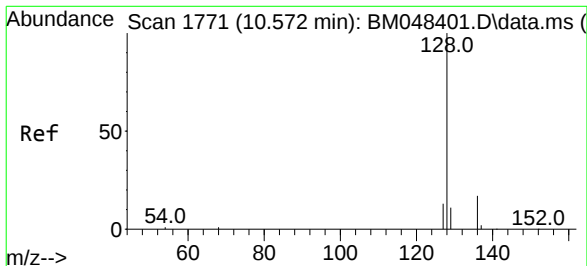
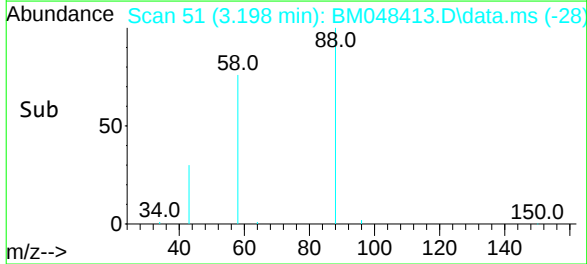
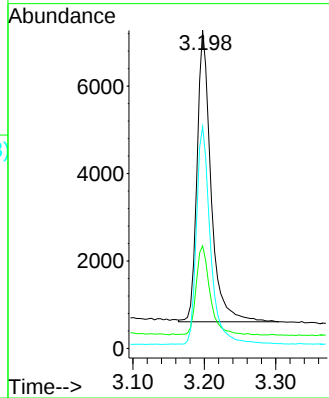


#2
1,4-Dioxane
Concen: 2.267 ng/ul
RT: 3.198 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

Instrument :
BNA_M
ClientSampleId :
SLCS517

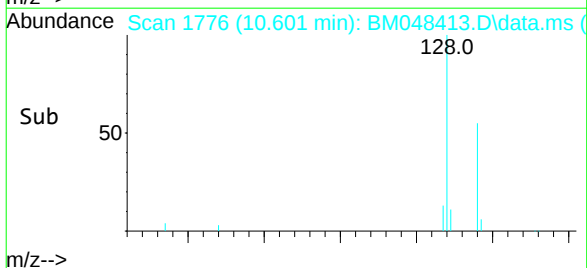
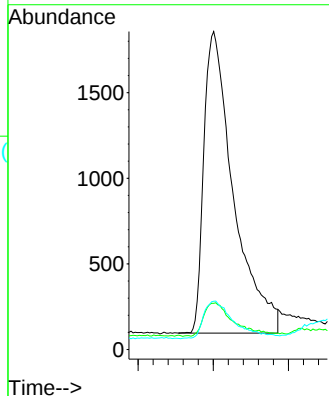
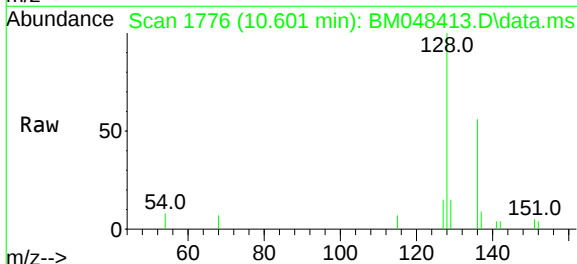


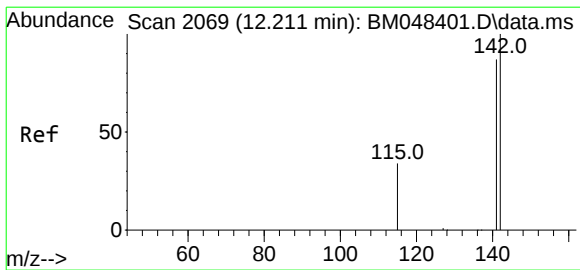
Tgt Ion: 88 Resp: 9007
Ion Ratio Lower Upper
88 100
43 32.3 36.2 54.4#
58 69.7 47.4 71.0



#5
Naphthalene
Concen: 0.319 ng/ul
RT: 10.601 min Scan# 1776
Delta R.T. 0.022 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

Tgt Ion: 128 Resp: 9661
Ion Ratio Lower Upper
128 100
129 14.5 10.6 15.8
127 15.2 11.4 17.2

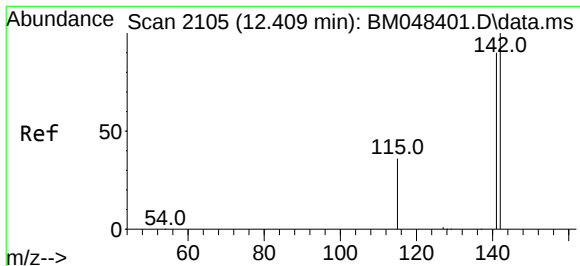
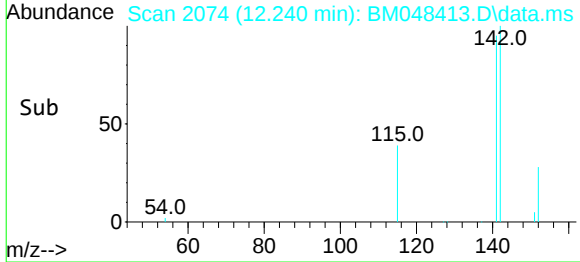
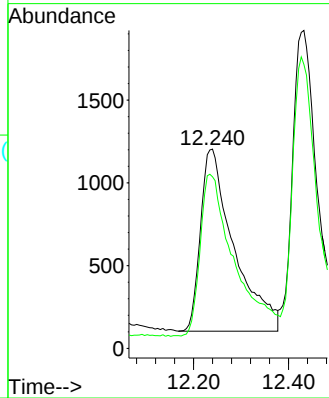
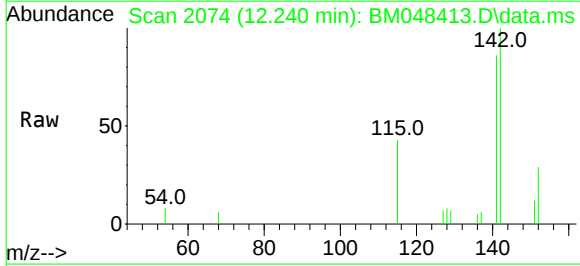




#7
2-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 12.240 min Scan# 2069
Delta R.T. 0.028 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

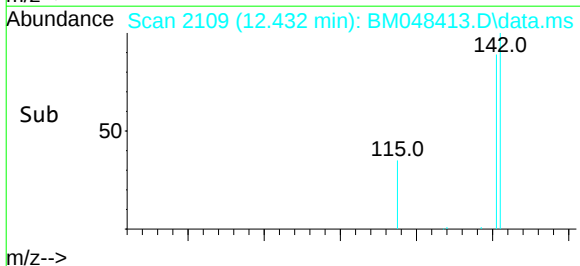
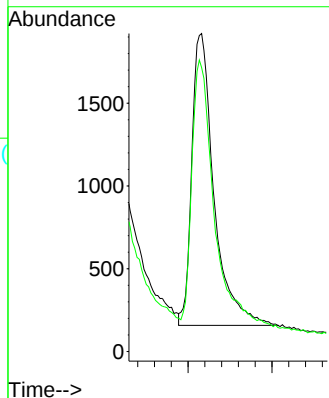
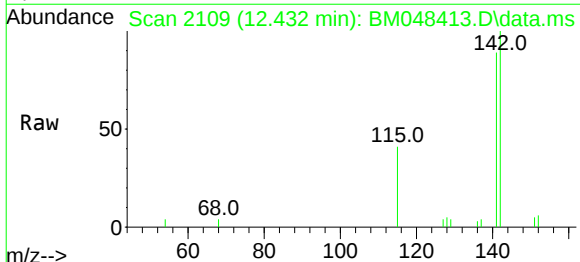
Instrument :
BNA_M
ClientSampleId :
SLCS517

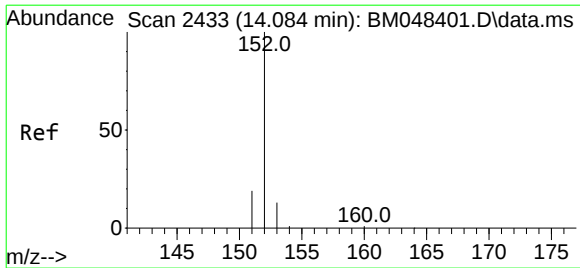
Tgt Ion:142 Resp: 5371
Ion Ratio Lower Upper
142 100
141 92.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.432 min Scan# 2109
Delta R.T. 0.017 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

Tgt Ion:142 Resp: 6473
Ion Ratio Lower Upper
142 100
141 92.4 75.5 113.3

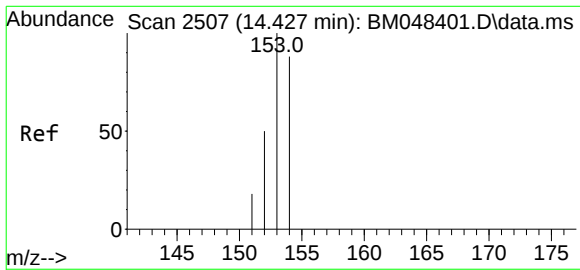
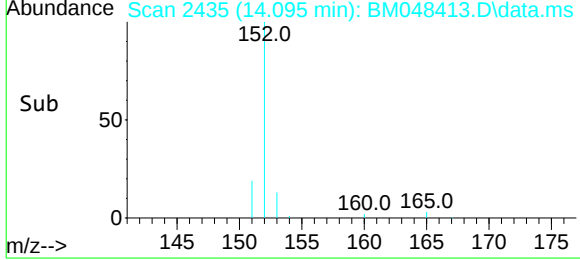
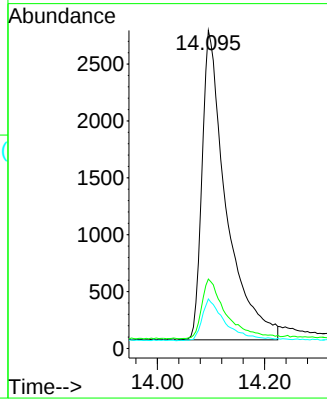
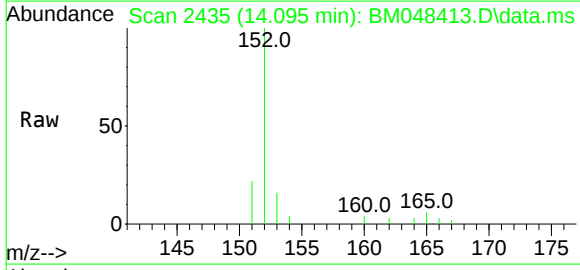




#10
Acenaphthylene
Concen: 0.319 ng/ul
RT: 14.095 min Scan# 2435
Delta R.T. 0.005 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

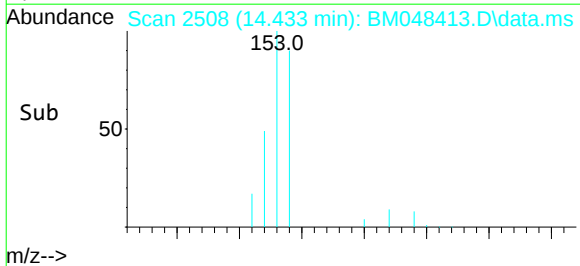
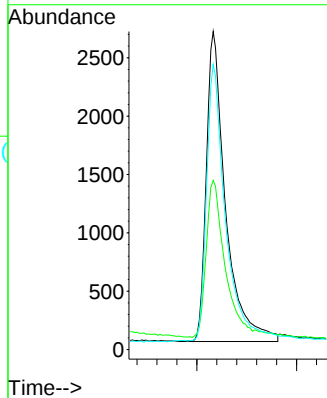
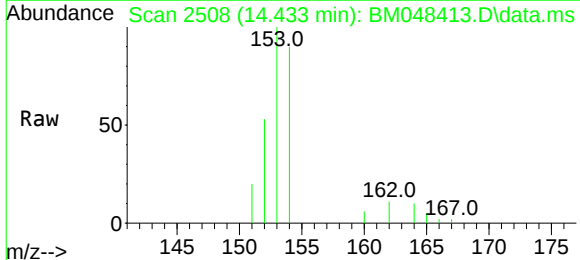
Instrument :
BNA_M
ClientSampleId :
SLCS517

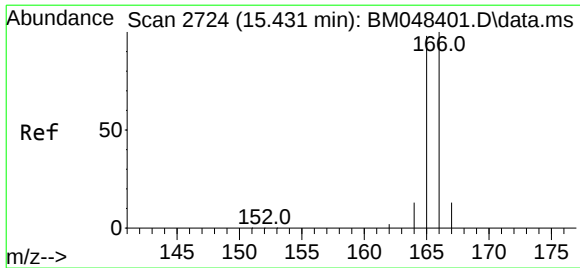
Tgt Ion:	152	Resp:	8485
Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.6	24.8
153	15.6	11.8	17.6



#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.433 min Scan# 2508
Delta R.T. 0.005 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

Tgt Ion:	153	Resp:	7117
Ion	Ratio	Lower	Upper
153	100		
152	53.2	40.7	61.1
154	89.7	70.6	106.0

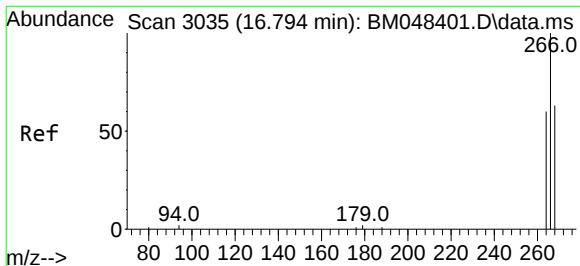
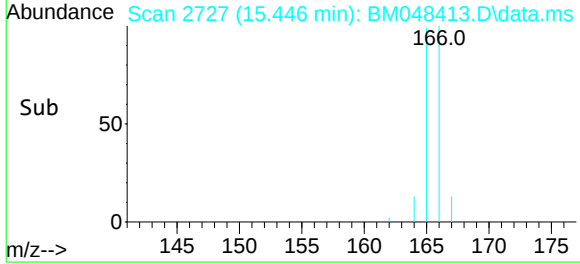
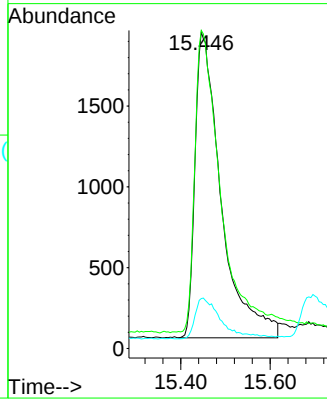
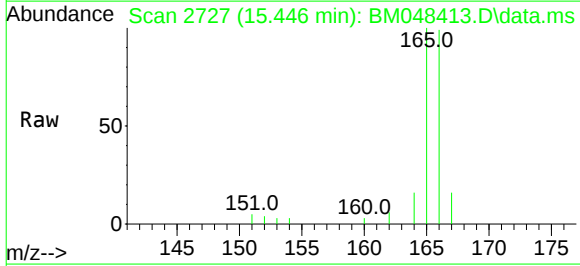




#12
 Fluorene
 Concen: 0.324 ng/u1
 RT: 15.446 min Scan# 2727
 Delta R.T. 0.014 min
 Lab File: BM048413.D
 Acq: 02 Nov 2024 02:34

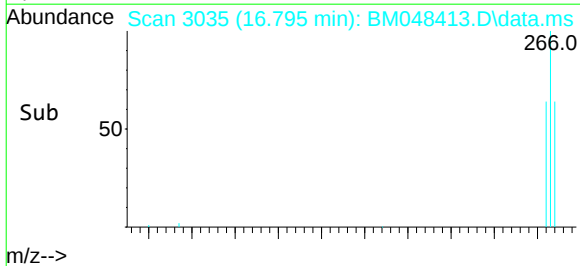
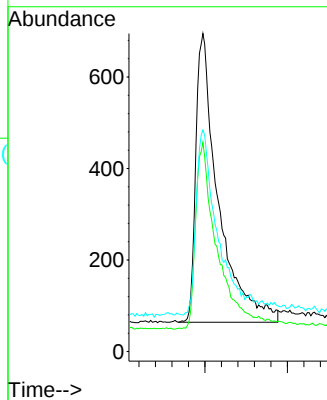
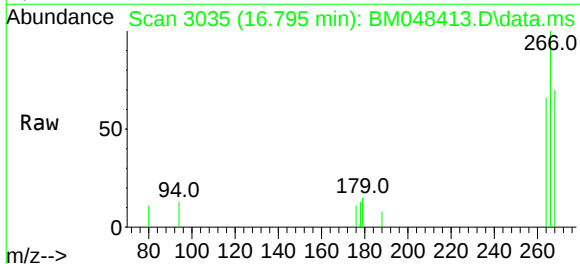
Instrument :
 BNA_M
 ClientSampleId :
 SLCS517

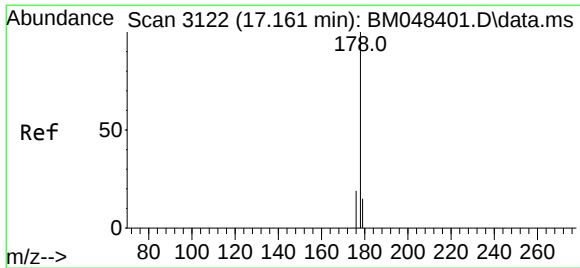
Tgt Ion:	166	Resp:	7673
Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.6	118.0
167	15.8	12.1	18.1



#14
 Pentachlorophenol
 Concen: 0.588 ng/u1
 RT: 16.795 min Scan# 3035
 Delta R.T. 0.009 min
 Lab File: BM048413.D
 Acq: 02 Nov 2024 02:34

Tgt Ion:	266	Resp:	2381
Ion	Ratio	Lower	Upper
266	100		
264	62.7	48.3	72.5
268	65.2	46.2	69.4

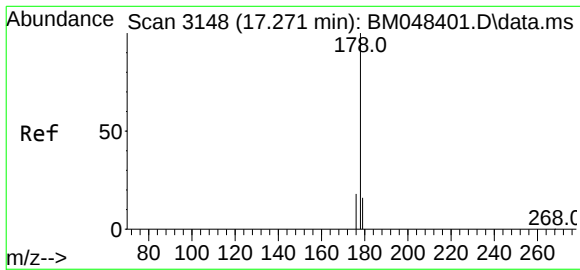
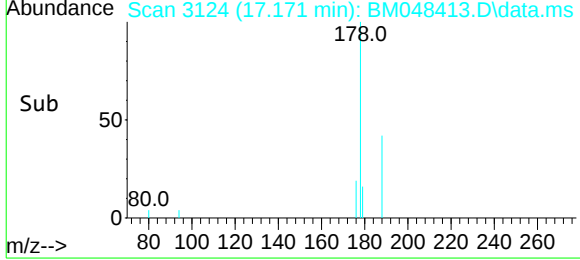
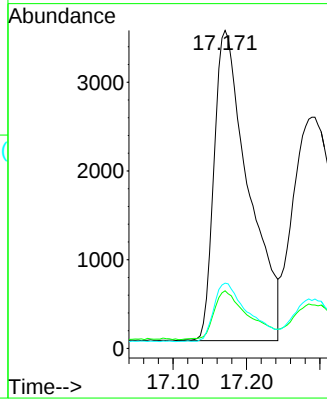
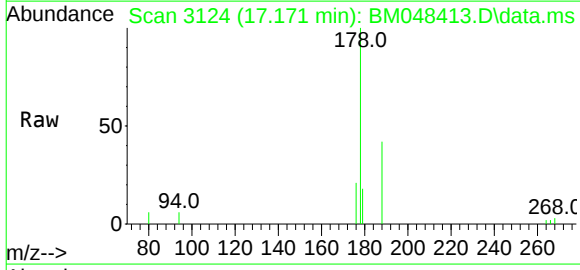




#15
Phenanthrene
Concen: 0.315 ng/u1
RT: 17.171 min Scan# 3124
Delta R.T. 0.013 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

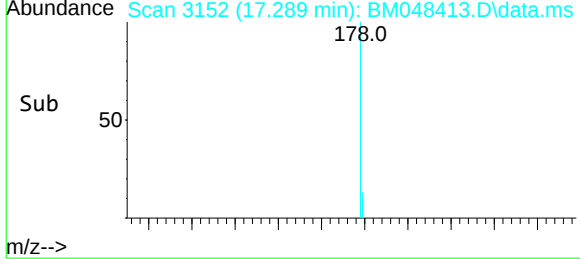
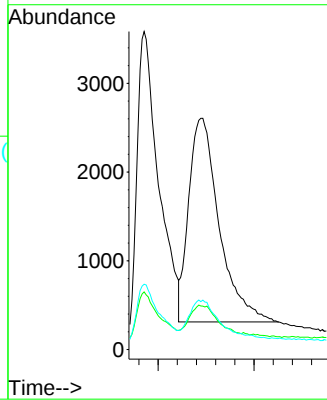
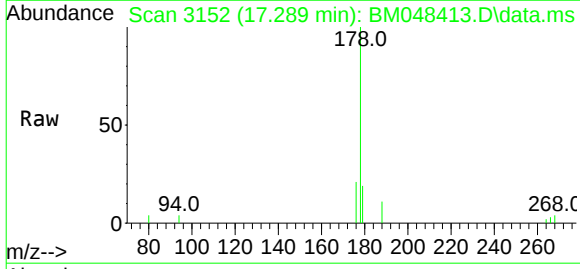
Instrument :
BNA_M
ClientSampleId :
SLCS517

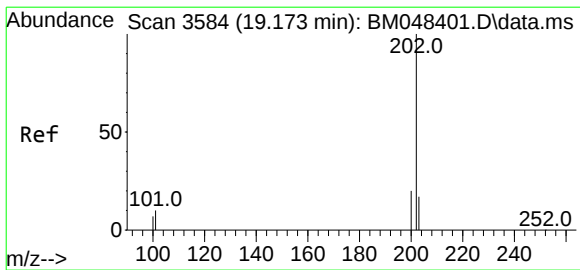
Tgt Ion:	178	Resp:	11378
Ion Ratio	Lower	Upper	
178	100		
179	18.1	13.9	20.9
176	20.5	16.0	24.0



#16
Anthracene
Concen: 0.300 ng/u1
RT: 17.289 min Scan# 3152
Delta R.T. 0.030 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

Tgt Ion:	178	Resp:	10156
Ion Ratio	Lower	Upper	
178	100		
179	18.8	14.2	21.2
176	20.7	15.8	23.6





#19

Fluoranthene

Concen: 0.370 ng/u1

RT: 19.174 min Scan# 3584

Delta R.T. 0.005 min

Lab File: BM048413.D

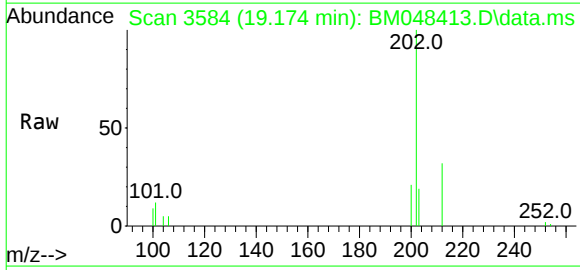
Acq: 02 Nov 2024 02:34

Instrument :

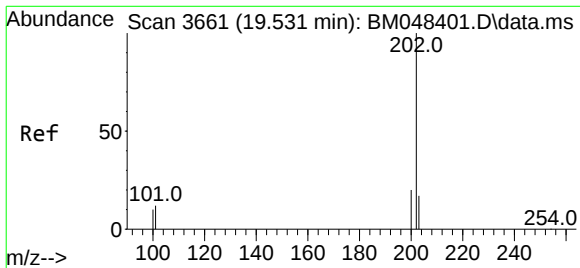
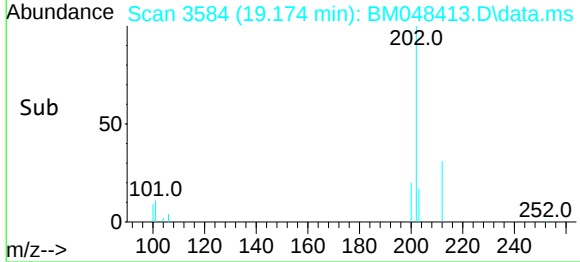
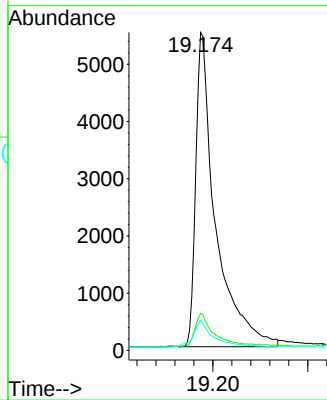
BNA_M

ClientSampleId :

SLCS517



Tgt Ion:	202	Resp:	15906
Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.0	13.4
100	9.4	6.6	10.0



#20

Pyrene

Concen: 0.370 ng/u1

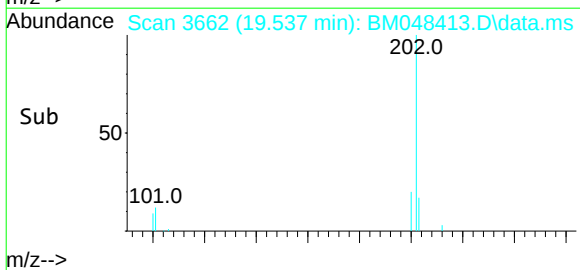
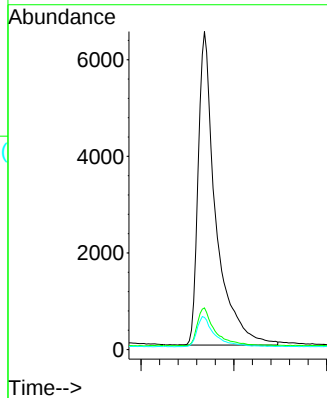
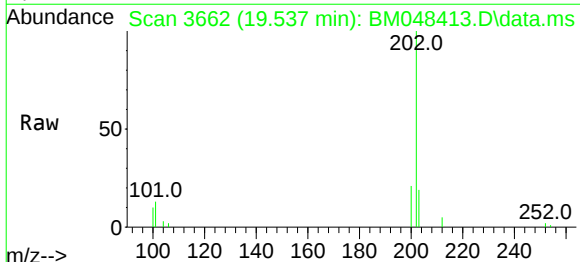
RT: 19.537 min Scan# 3662

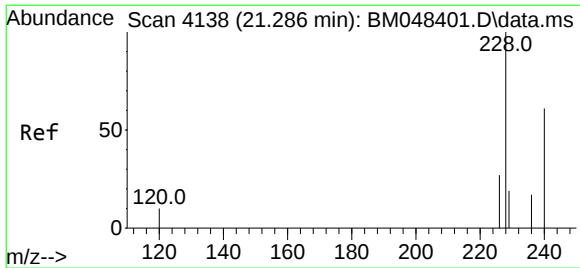
Delta R.T. 0.005 min

Lab File: BM048413.D

Acq: 02 Nov 2024 02:34

Tgt Ion:	202	Resp:	17071
Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.0	15.0
100	10.1	8.0	12.0

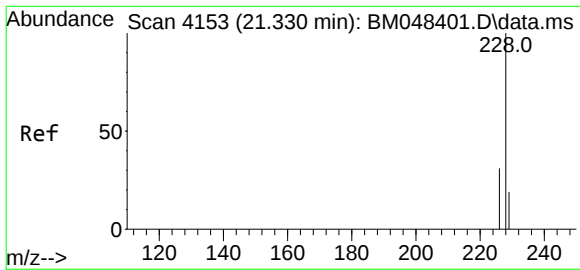
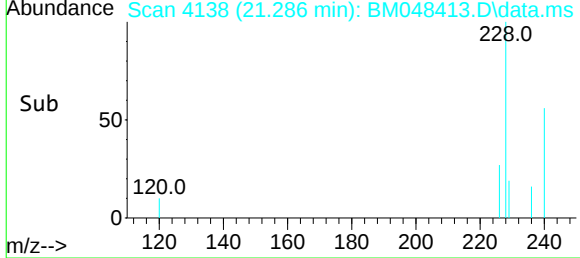
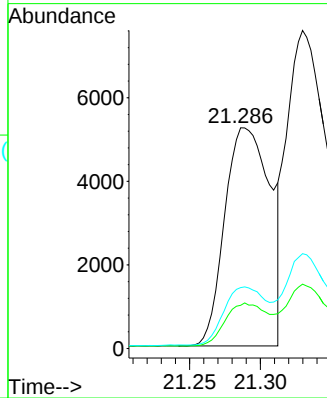
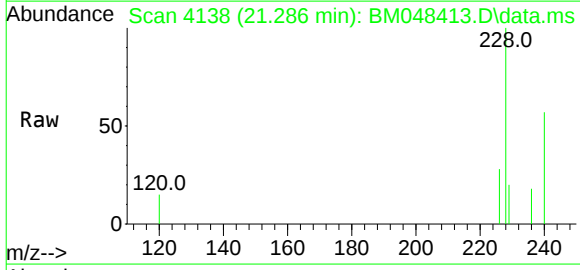




#21
Benzo(a)anthracene
Concen: 0.312 ng/u1
RT: 21.286 min Scan# 4138
Delta R.T. 0.006 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

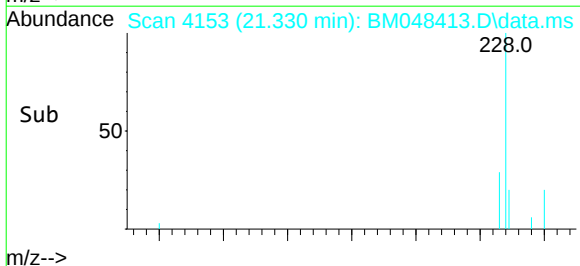
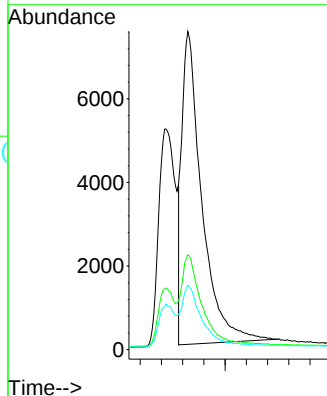
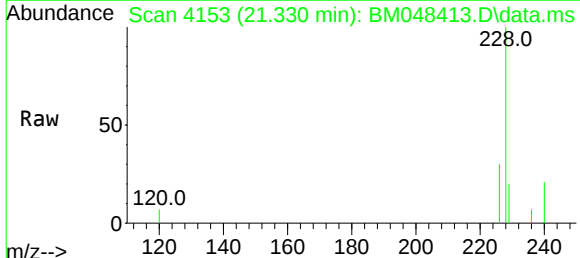
Instrument :
BNA_M
ClientSampleId :
SLCS517

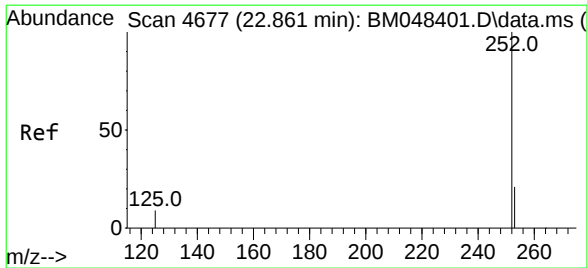
Tgt Ion:	228	Resp:	11686
Ion Ratio	Lower	Upper	
228	100		
229	19.6	15.9	23.9
226	27.6	22.1	33.1



#22
Chrysene
Concen: 0.379 ng/u1
RT: 21.330 min Scan# 4153
Delta R.T. 0.003 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

Tgt Ion:	228	Resp:	19514
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.1	36.1
229	20.2	15.9	23.9

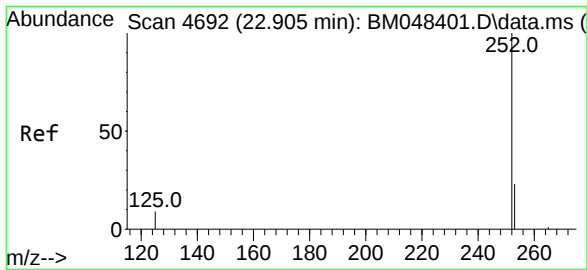
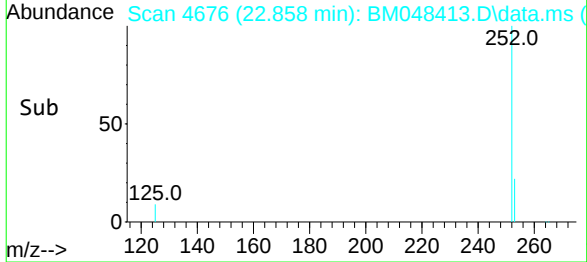
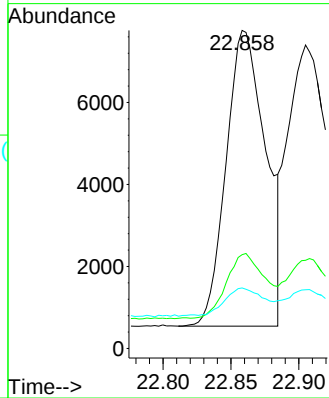
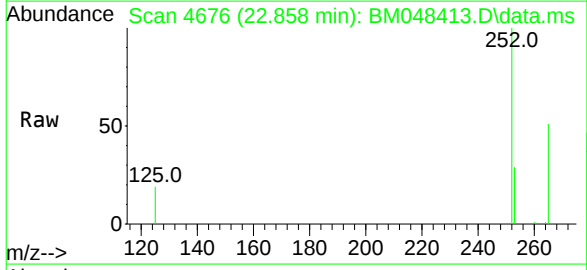




#24
Benzo(b)fluoranthene
Concen: 0.335 ng/u1
RT: 22.858 min Scan# 4676
Delta R.T. -0.003 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

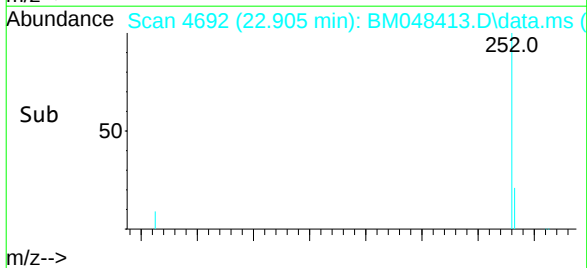
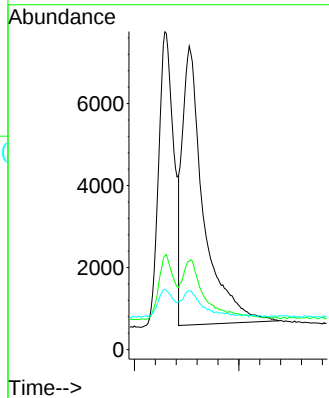
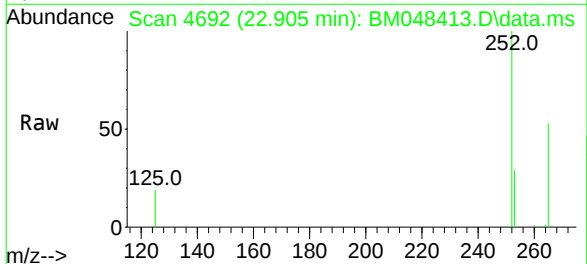
Instrument :
BNA_M
ClientSampleId :
SLCS517

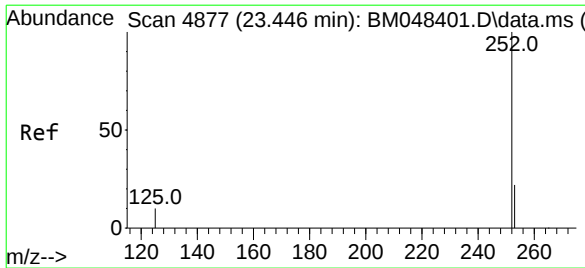
Tgt Ion:	252	Resp:	14626
Ion	Ratio	Lower	Upper
252	100		
253	29.5	0.0	59.4
125	19.0	0.0	38.0



#25
Benzo(k)fluoranthene
Concen: 0.374 ng/u1
RT: 22.905 min Scan# 4692
Delta R.T. 0.000 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

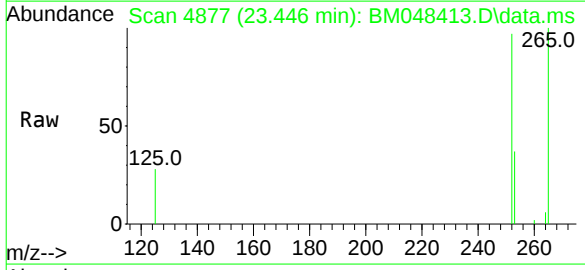
Tgt Ion:	252	Resp:	19323
Ion	Ratio	Lower	Upper
252	100		
253	29.1	23.4	35.0
125	19.3	15.3	22.9



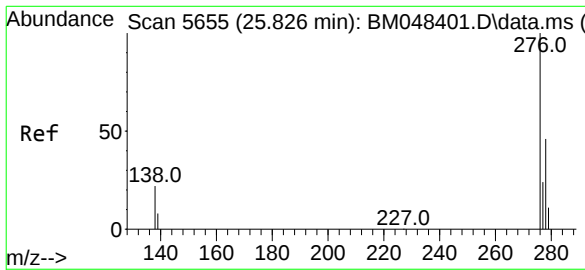
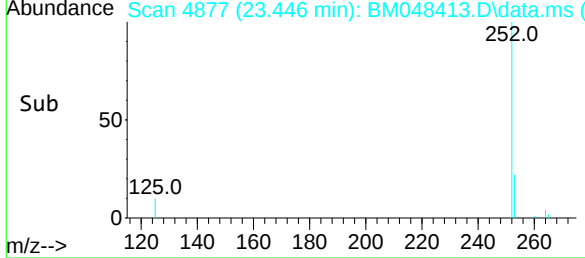
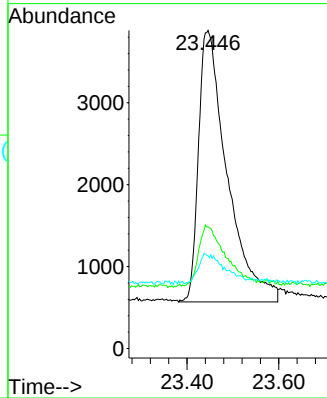


#26
Benzo(a)pyrene
Concen: 0.351 ng/ul
RT: 23.446 min Scan# 4877
Delta R.T. 0.006 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

Instrument :
BNA_M
ClientSampleId :
SLCS517

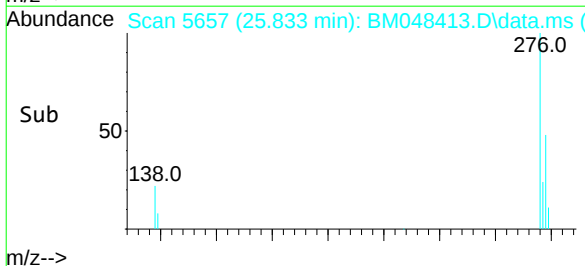
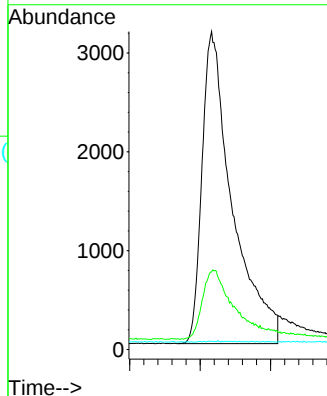
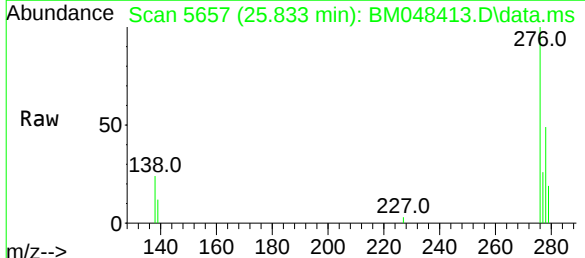


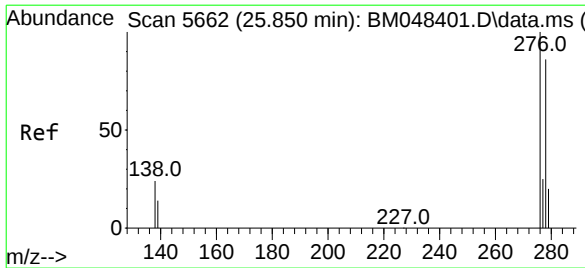
Tgt Ion:	252	Resp:	14372
Ion Ratio	Lower	Upper	
252	100		
253	38.3	27.7	41.5
125	29.2	21.1	31.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng/ul
RT: 25.833 min Scan# 5657
Delta R.T. 0.020 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

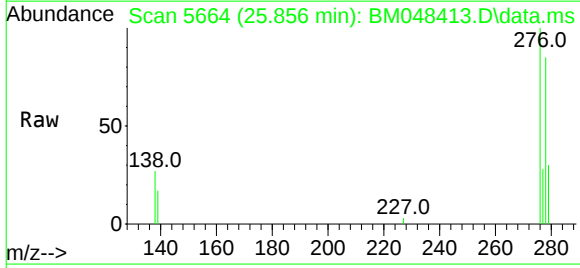
Tgt Ion:	276	Resp:	18851
Ion Ratio	Lower	Upper	
276	100		
138	23.8	19.6	29.4
227	0.0	0.1	0.1#



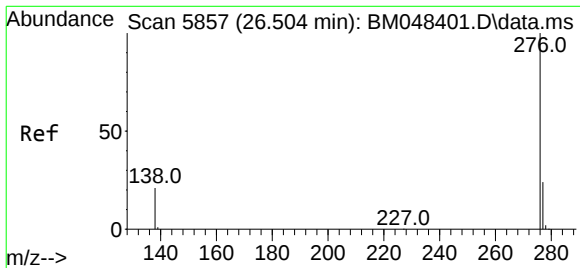
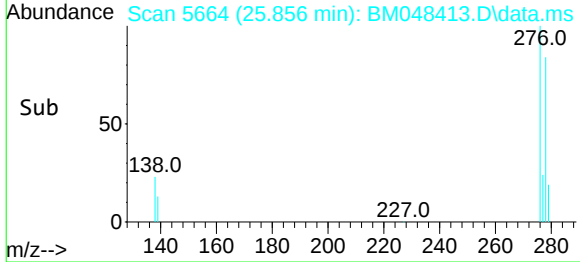
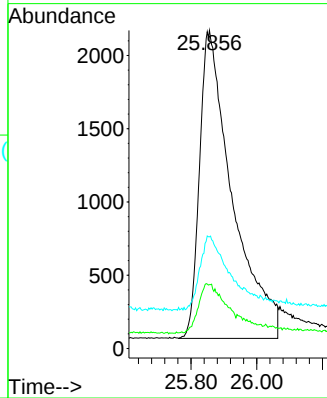


#28
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 25.856 min Scan# 5664
Delta R.T. 0.020 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

Instrument :
BNA_M
ClientSampleId :
SLCS517



Tgt Ion:	278	Resp:	14553
Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.6	23.4
279	35.1	26.4	39.6



#29
Benzo(g,h,i)perylene
Concen: 0.340 ng/ul
RT: 26.507 min Scan# 5858
Delta R.T. 0.007 min
Lab File: BM048413.D
Acq: 02 Nov 2024 02:34

Tgt Ion:	276	Resp:	16420
Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.0	28.6
277	26.3	20.6	31.0

