

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032690.D
 Acq On : 13 Jul 2024 01:51
 Operator : MA/JU
 Sample : PB161866BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS866

Quant Time: Jul 13 02:27:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

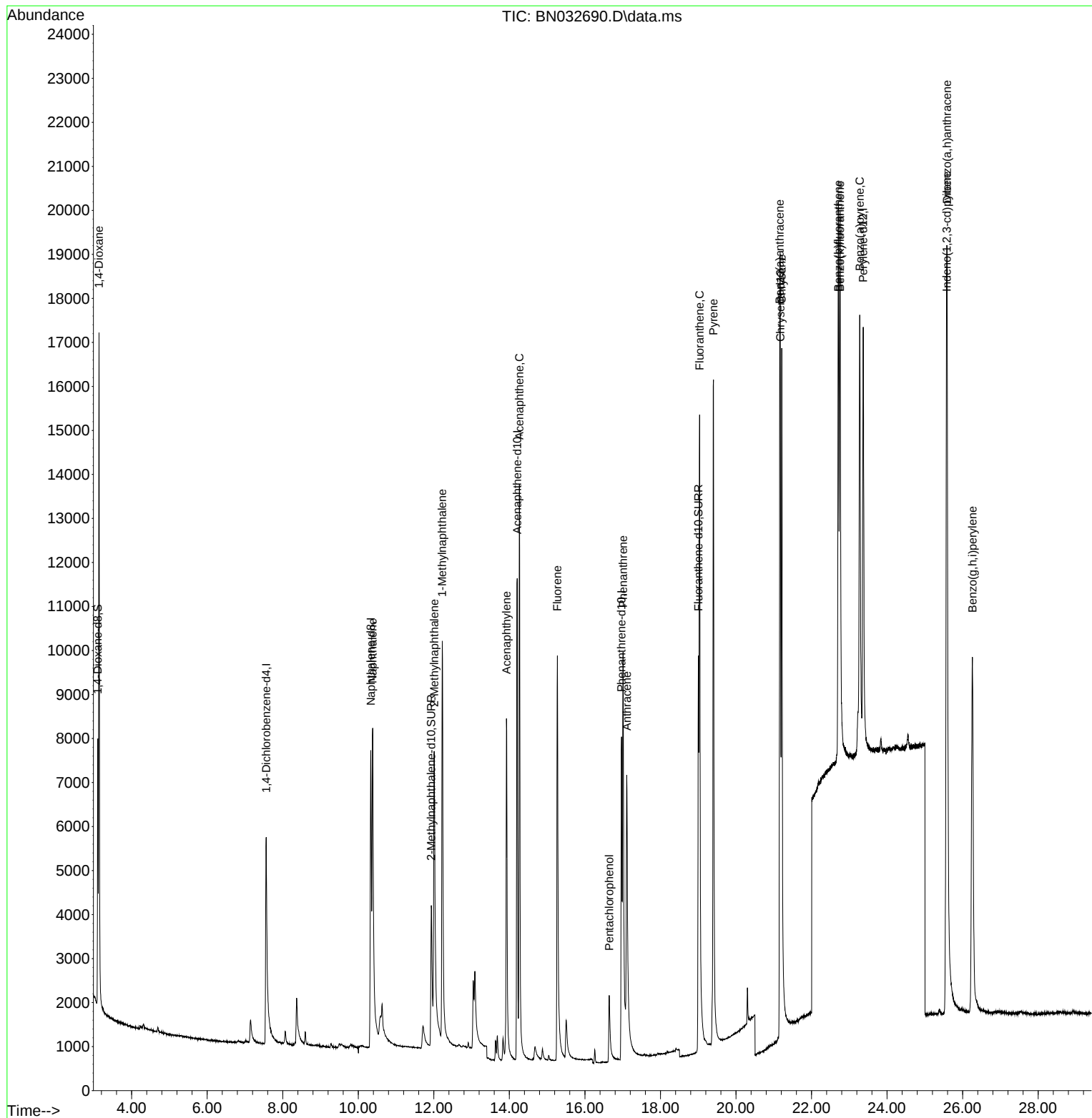
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	4693	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.332	136	14254	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	7146	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.969	188	12580	0.400	ng/ul	-0.02
17) Chrysene-d12	21.176	240	11535	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	14275	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	3968	0.704	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	7746	0.360	ng/ul	-0.04
18) Fluoranthene-d10	19.003	212	13740	0.366	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.135	88	10793	1.682	ng/ul	91
5) Naphthalene	10.382	128	14064	0.367	ng/ul	99
7) 2-Methylnaphthalene	12.010	142	8419	0.352	ng/ul	99
8) 1-Methylnaphthalene	12.224	142	8403	0.340	ng/ul	99
10) Acenaphthylene	13.924	152	11501	0.398	ng/ul	99
11) Acenaphthene	14.267	153	8991	0.377	ng/ul	99
12) Fluorene	15.271	166	9095	0.333	ng/ul	99
14) Pentachlorophenol	16.644	266	1996	0.904	ng/ul	99
15) Phenanthrene	17.012	178	12716	0.371	ng/ul	100
16) Anthracene	17.109	178	11392	0.407	ng/ul	99
19) Fluoranthene	19.036	202	15948	0.340	ng/ul	99
20) Pyrene	19.403	202	17100	0.352	ng/ul	99
21) Benzo(a)anthracene	21.159	228	15200	0.414	ng/ul	99
22) Chrysene	21.211	228	18866	0.355	ng/ul	97
24) Benzo(b)fluoranthene	22.710	252	17785	0.353	ng/ul	93
25) Benzo(k)fluoranthene	22.754	252	19481	0.317	ng/ul#	93
26) Benzo(a)pyrene	23.278	252	17856	0.410	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.582	276	23483	0.398	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.586	278	18228	0.398	ng/ul	97
29) Benzo(g,h,i)perylene	26.260	276	18576	0.377	ng/ul	99

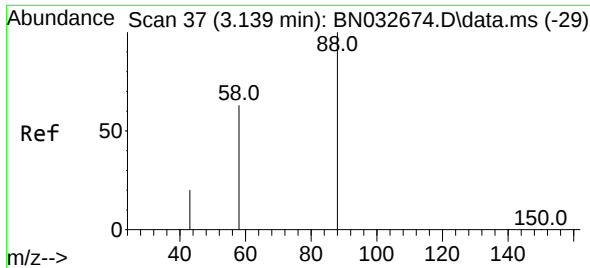
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032690.D
Acq On : 13 Jul 2024 01:51
Operator : MA/JU
Sample : PB161866BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS866

Quant Time: Jul 13 02:27:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

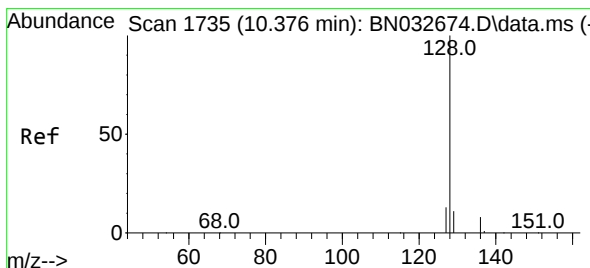
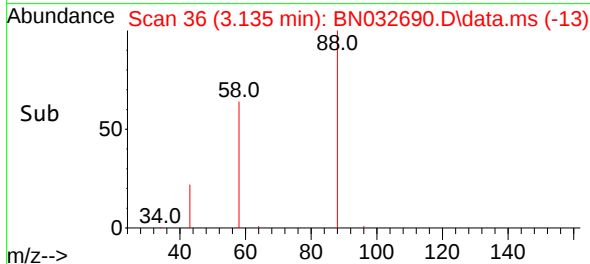
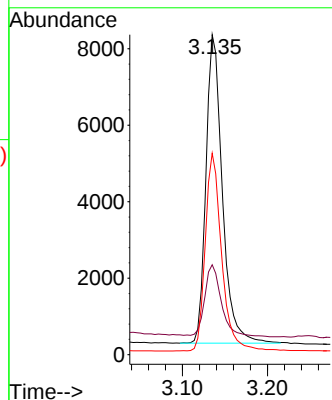
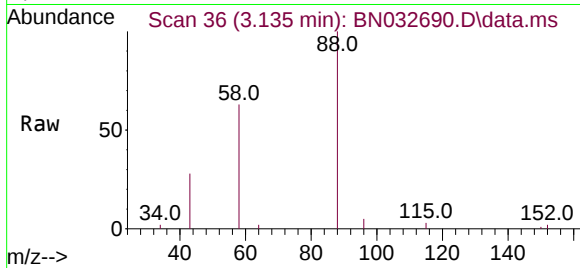




#2
 1,4-Dioxane
 Concen: 1.682 ng/ul
 RT: 3.135 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BN032690.D
 Acq: 13 Jul 2024 01:51

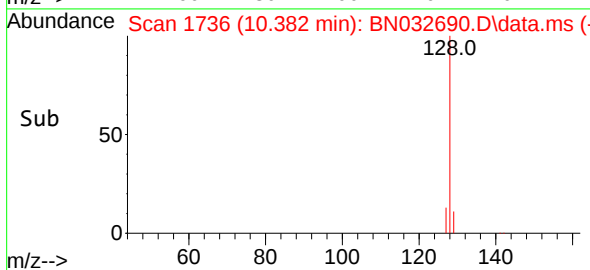
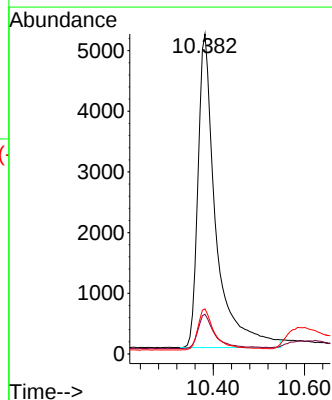
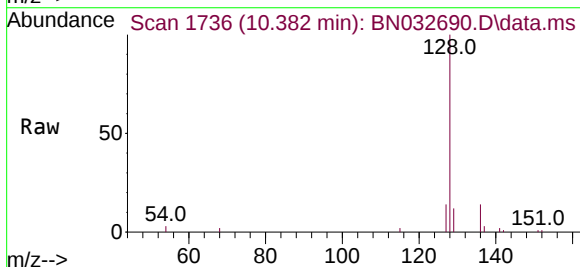
Instrument :
 BNA_N
 ClientSampleId :
 SLCS866

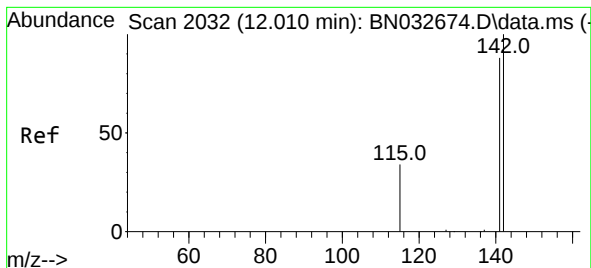
Tgt Ion: 88 Resp: 10793
 Ion Ratio Lower Upper
 88 100
 43 28.1 24.0 36.0
 58 63.0 43.3 64.9



#5
 Naphthalene
 Concen: 0.367 ng/ul
 RT: 10.382 min Scan# 1736
 Delta R.T. -0.028 min
 Lab File: BN032690.D
 Acq: 13 Jul 2024 01:51

Tgt Ion: 128 Resp: 14064
 Ion Ratio Lower Upper
 128 100
 129 12.4 10.0 15.0
 127 14.1 11.6 17.4

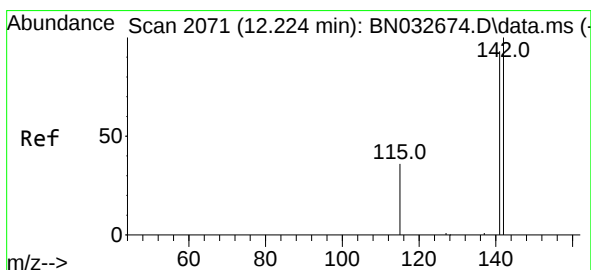
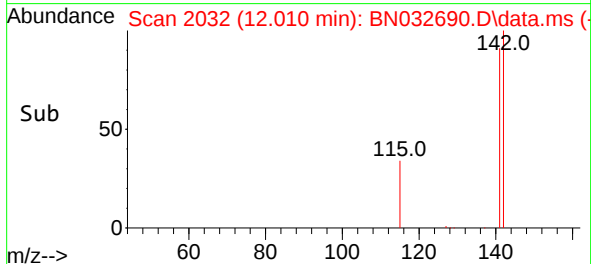
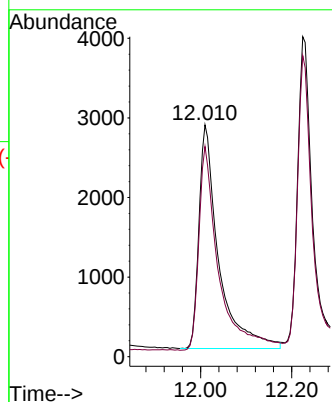
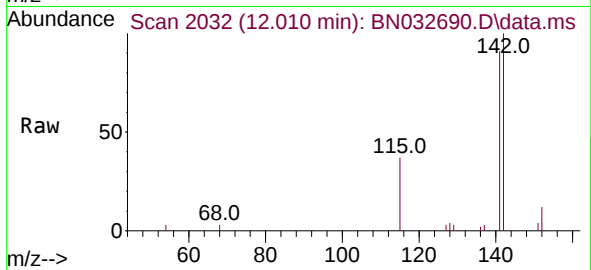




#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.010 min Scan# 2032
Delta R.T. -0.039 min
Lab File: BN032690.D
Acq: 13 Jul 2024 01:51

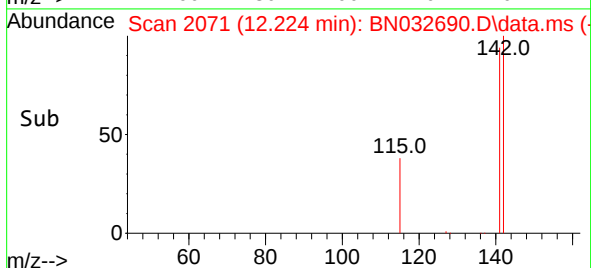
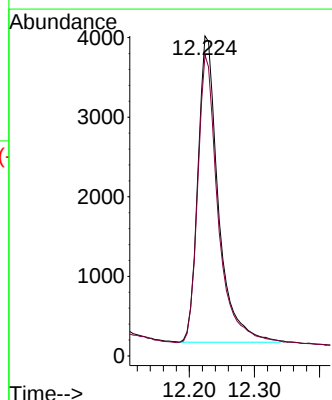
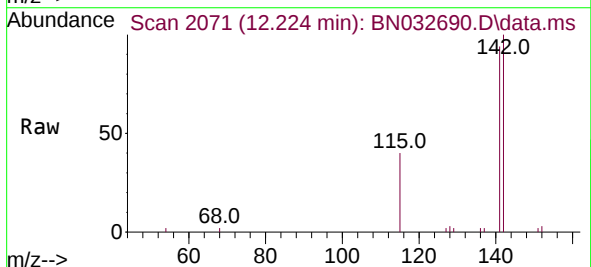
Instrument :
BNA_N
ClientSampleId :
SLCS866

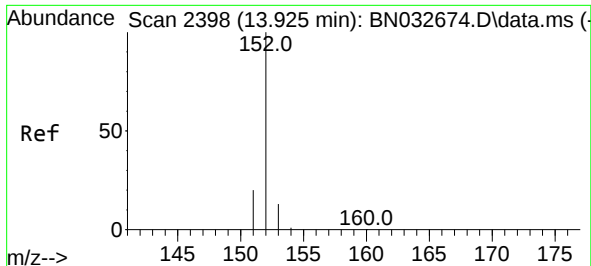
Tgt Ion:142 Resp: 8419
Ion Ratio Lower Upper
142 100
141 91.8 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.224 min Scan# 2071
Delta R.T. -0.022 min
Lab File: BN032690.D
Acq: 13 Jul 2024 01:51

Tgt Ion:142 Resp: 8403
Ion Ratio Lower Upper
142 100
141 93.2 75.0 112.4

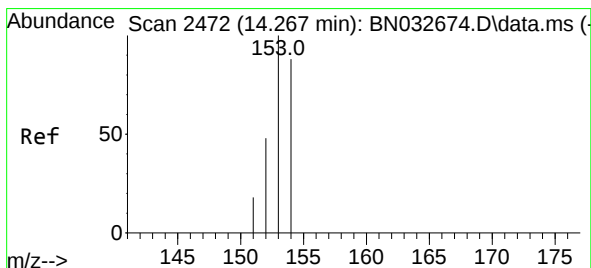
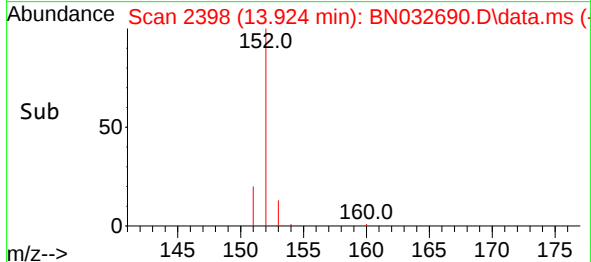
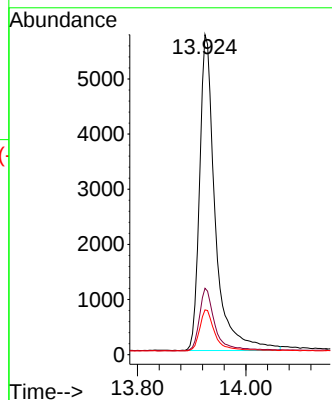
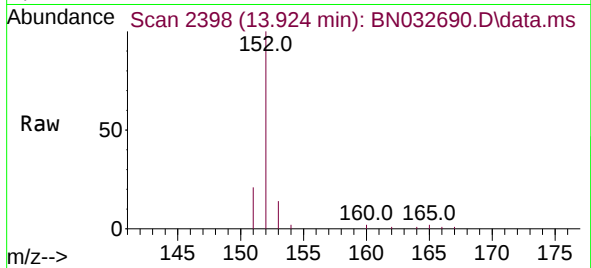




#10
Acenaphthylene
Concen: 0.398 ng/ul
RT: 13.924 min Scan# 21
Delta R.T. -0.019 min
Lab File: BN032690.D
Acq: 13 Jul 2024 01:51

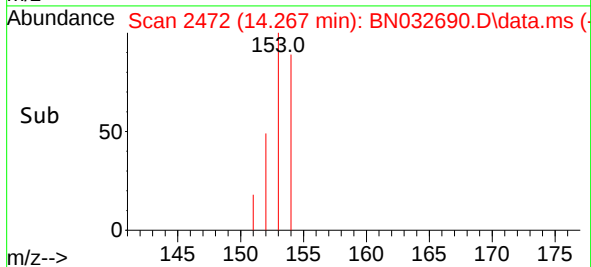
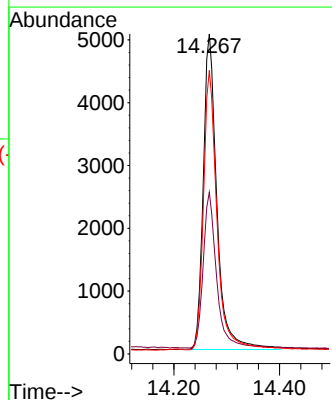
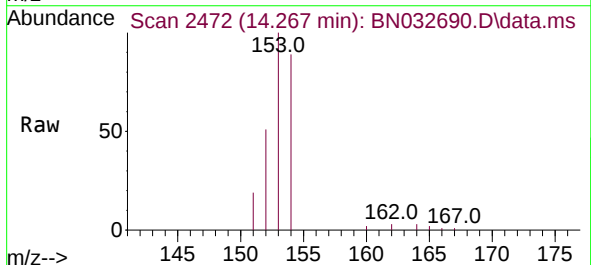
Instrument :
BNA_N
ClientSampleId :
SLCS866

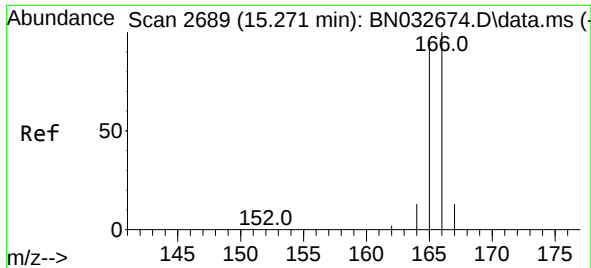
Tgt Ion:152 Resp: 11501
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.0 11.3 16.9



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032690.D
Acq: 13 Jul 2024 01:51

Tgt Ion:153 Resp: 8991
Ion Ratio Lower Upper
153 100
152 50.5 40.0 60.0
154 88.6 70.2 105.4

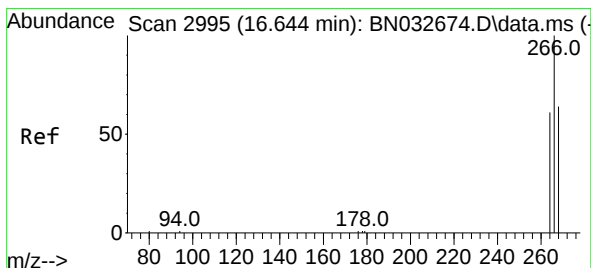
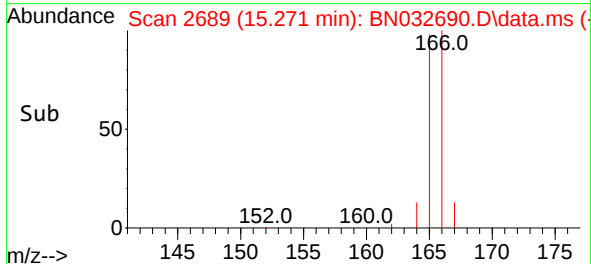
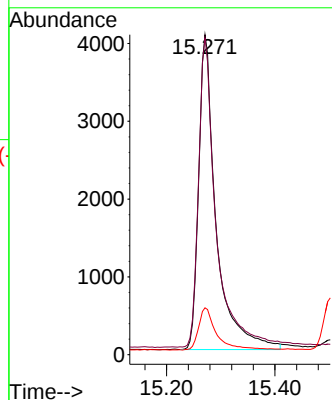
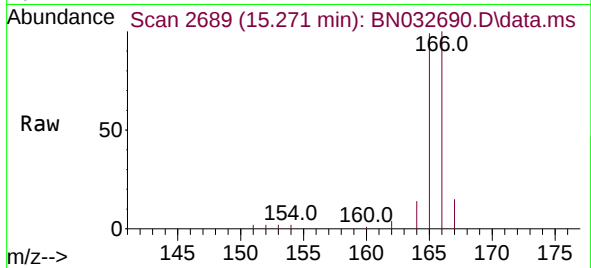




#12
Fluorene
Concen: 0.333 ng/ul
RT: 15.271 min Scan# 2689
Delta R.T. -0.019 min
Lab File: BN032690.D
Acq: 13 Jul 2024 01:51

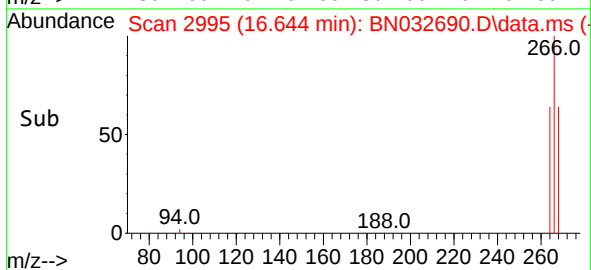
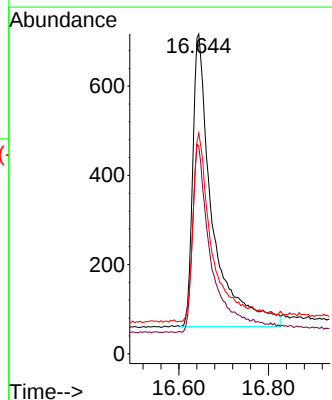
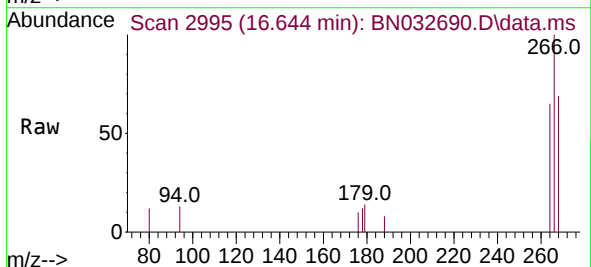
Instrument :
BNA_N
ClientSampleId :
SLCS866

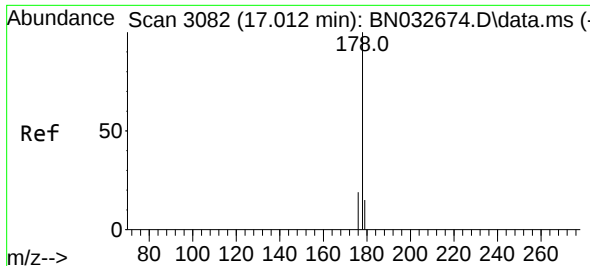
Tgt Ion:166 Resp: 9095
Ion Ratio Lower Upper
166 100
165 99.0 79.7 119.5
167 14.6 11.4 17.2



#14
Pentachlorophenol
Concen: 0.904 ng/ul
RT: 16.644 min Scan# 2995
Delta R.T. -0.025 min
Lab File: BN032690.D
Acq: 13 Jul 2024 01:51

Tgt Ion:266 Resp: 1996
Ion Ratio Lower Upper
266 100
264 63.2 49.4 74.2
268 64.9 51.6 77.4

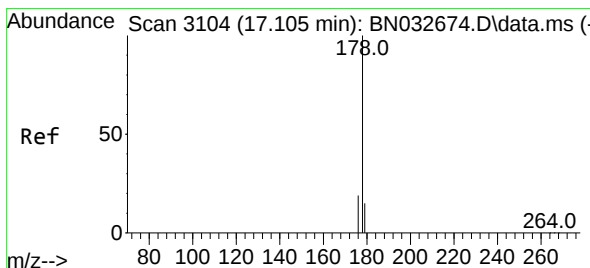
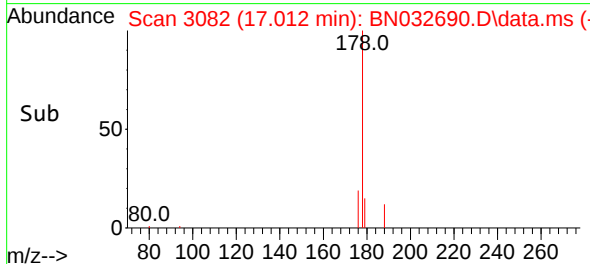
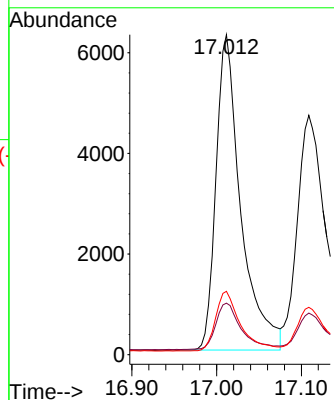
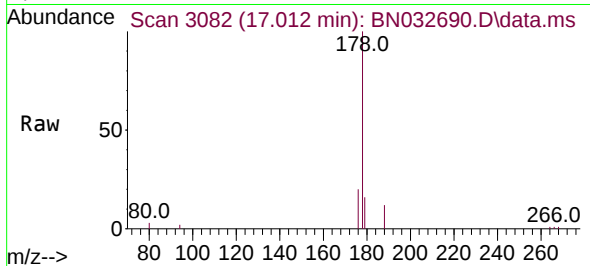




#15
Phenanthrene
Concen: 0.371 ng/ul
RT: 17.012 min Scan# 3082
Delta R.T. -0.017 min
Lab File: BN032690.D
Acq: 13 Jul 2024 01:51

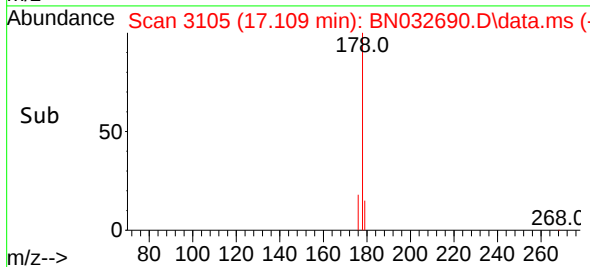
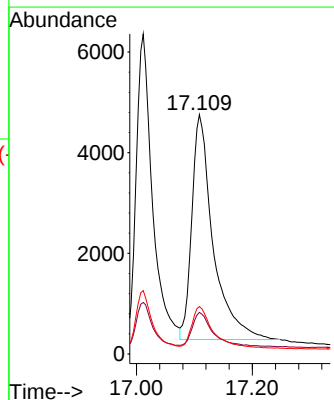
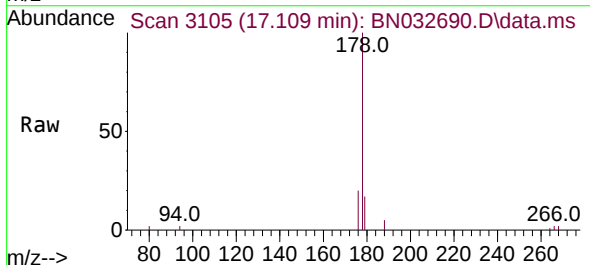
Instrument :
BNA_N
ClientSampleId :
SLCS866

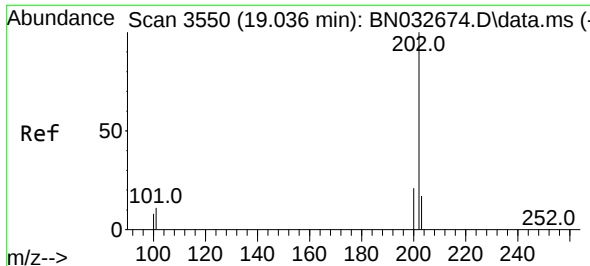
Tgt Ion:178 Resp: 12716
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.4
176 19.8 15.6 23.4



#16
Anthracene
Concen: 0.407 ng/ul
RT: 17.109 min Scan# 3105
Delta R.T. -0.030 min
Lab File: BN032690.D
Acq: 13 Jul 2024 01:51

Tgt Ion:178 Resp: 11392
Ion Ratio Lower Upper
178 100
179 17.4 13.4 20.2
176 19.8 15.4 23.0

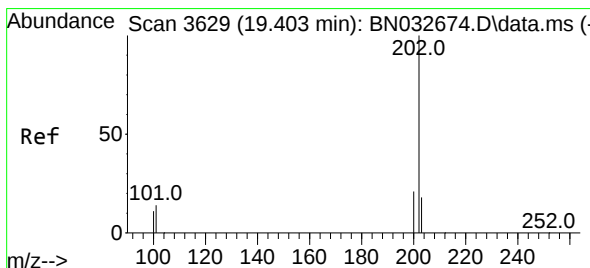
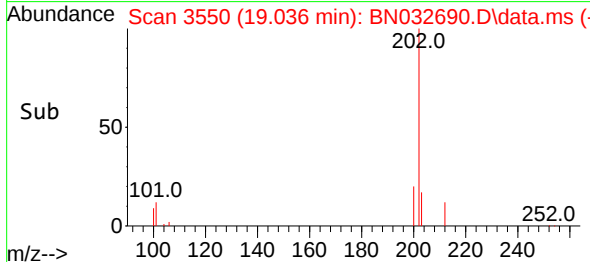
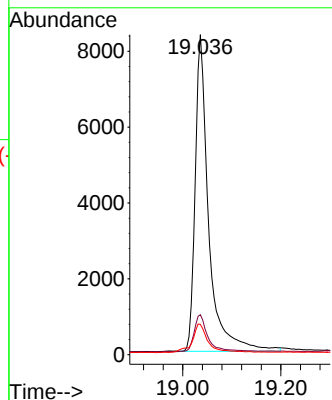
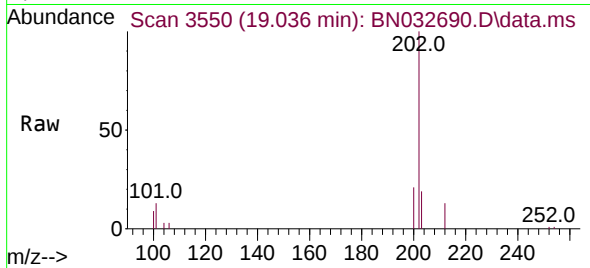




#19
Fluoranthene
Concen: 0.340 ng/ul
RT: 19.036 min Scan# 3550
Delta R.T. -0.019 min
Lab File: BN032690.D
Acq: 13 Jul 2024 01:51

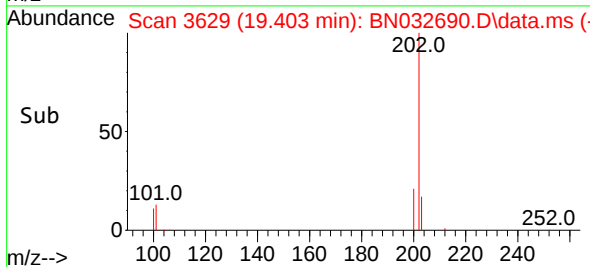
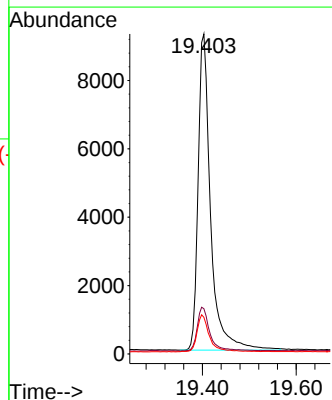
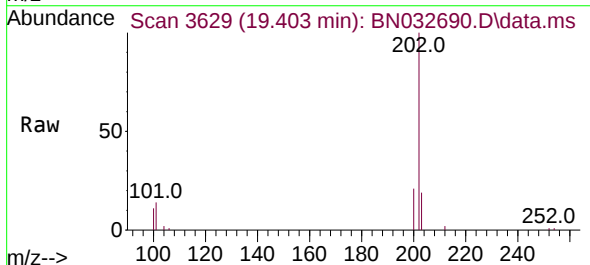
Instrument :
BNA_N
ClientSampleId :
SLCS866

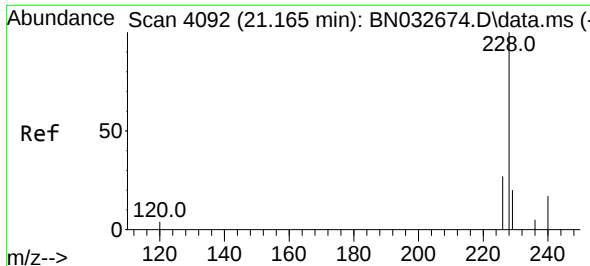
Tgt Ion:202 Resp: 15948
Ion Ratio Lower Upper
202 100
101 12.5 9.8 14.8
100 9.5 7.9 11.9



#20
Pyrene
Concen: 0.352 ng/ul
RT: 19.403 min Scan# 3629
Delta R.T. -0.019 min
Lab File: BN032690.D
Acq: 13 Jul 2024 01:51

Tgt Ion:202 Resp: 17100
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 11.4 9.6 14.4

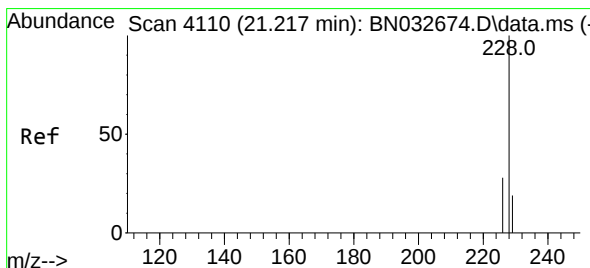
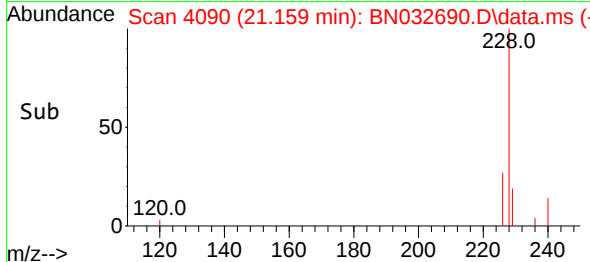
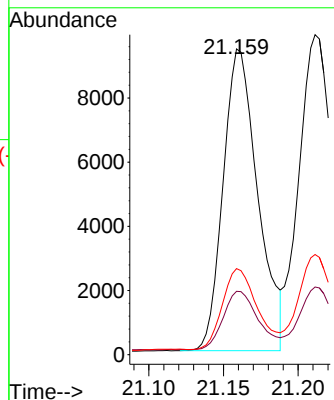
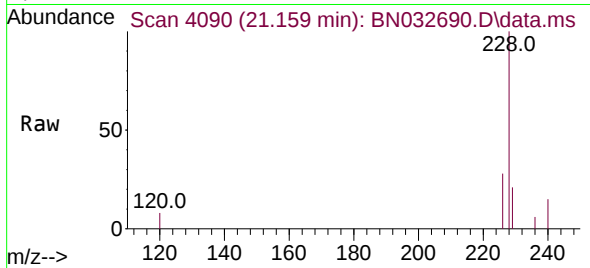




#21
Benzo(a)anthracene
Concen: 0.414 ng/ul
RT: 21.159 min Scan# 4108
Delta R.T. -0.023 min
Lab File: BN032690.D
Acq: 13 Jul 2024 01:51

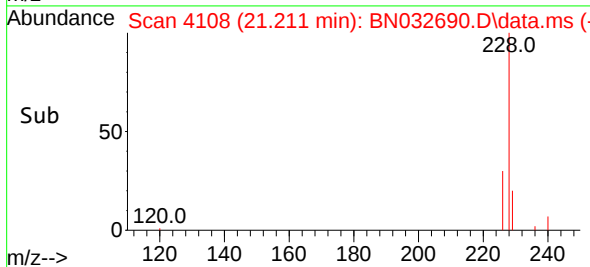
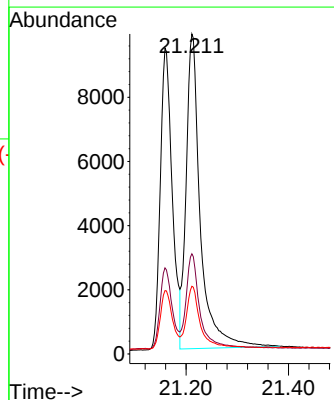
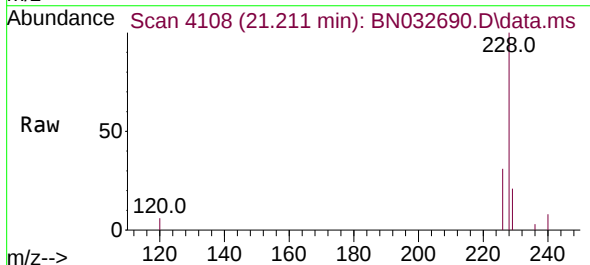
Instrument :
BNA_N
ClientSampleId :
SLCS866

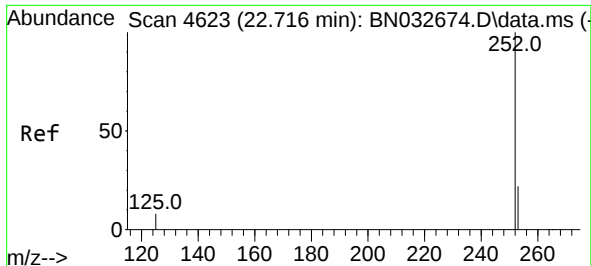
Tgt Ion:228 Resp: 15200
Ion Ratio Lower Upper
228 100
229 20.7 16.1 24.1
226 28.1 21.9 32.9



#22
Chrysene
Concen: 0.355 ng/ul
RT: 21.211 min Scan# 4108
Delta R.T. -0.021 min
Lab File: BN032690.D
Acq: 13 Jul 2024 01:51

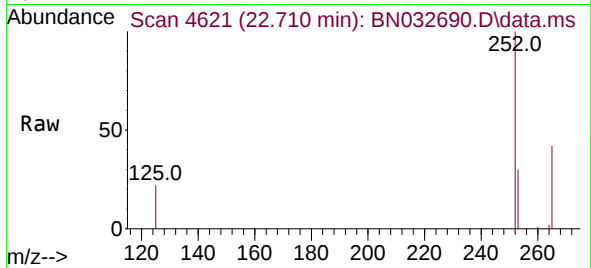
Tgt Ion:228 Resp: 18866
Ion Ratio Lower Upper
228 100
226 31.3 24.0 36.0
229 21.2 15.8 23.6



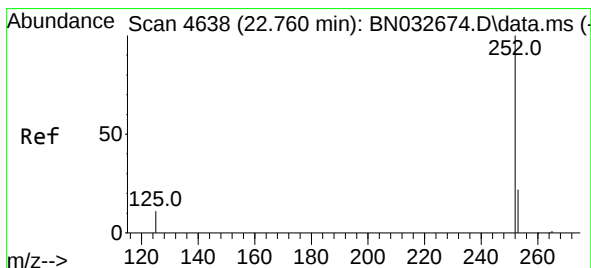
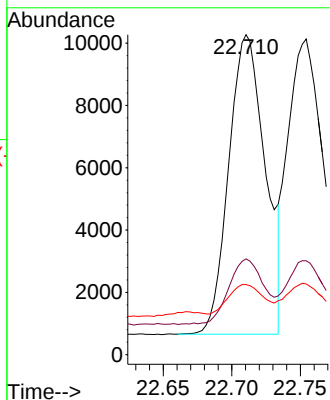


#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 22.710 min Scan# 4621
Delta R.T. -0.023 min
Lab File: BN032690.D
Acq: 13 Jul 2024 01:51

Instrument :
BNA_N
ClientSampleId :
SLCS866

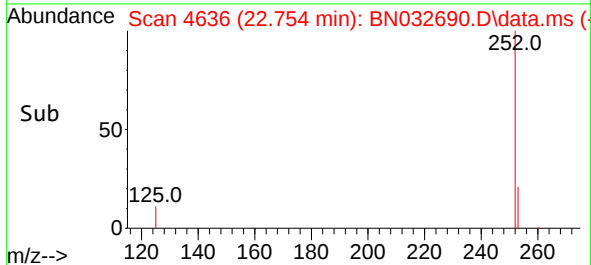
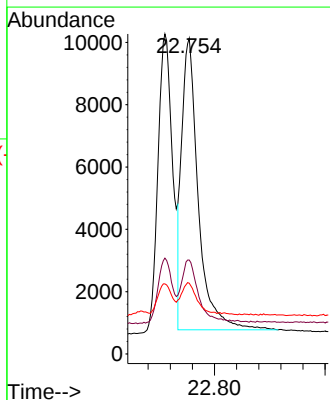
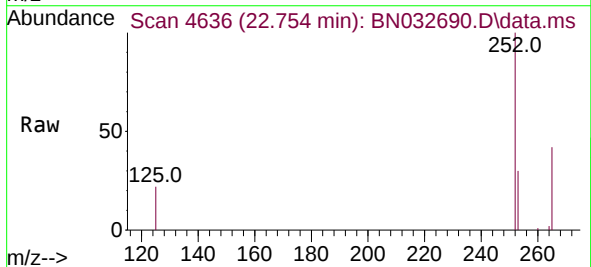


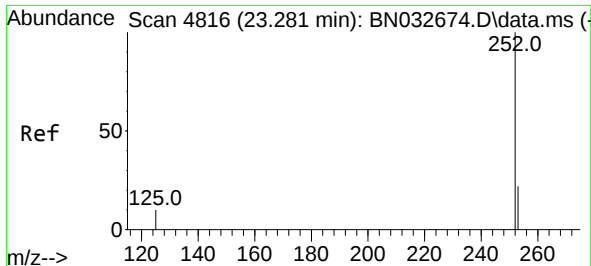
Tgt Ion:252 Resp: 17785
Ion Ratio Lower Upper
252 100
253 30.0 0.0 54.0
125 21.9 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.317 ng/ul
RT: 22.754 min Scan# 4636
Delta R.T. -0.023 min
Lab File: BN032690.D
Acq: 13 Jul 2024 01:51

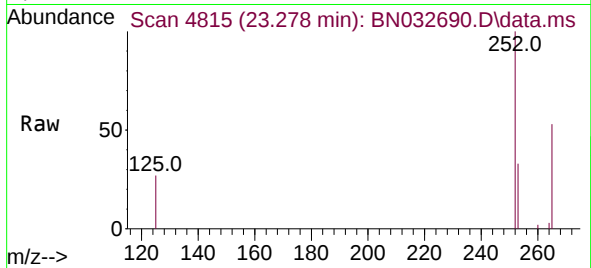
Tgt Ion:252 Resp: 19481
Ion Ratio Lower Upper
252 100
253 29.7 21.2 31.8
125 22.4 14.8 22.2#



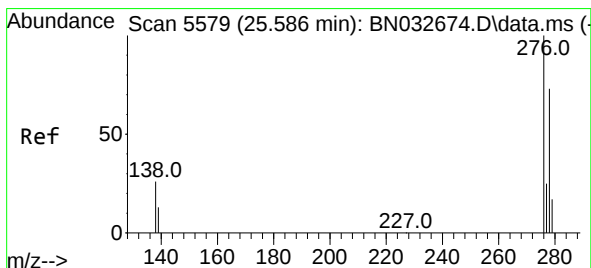
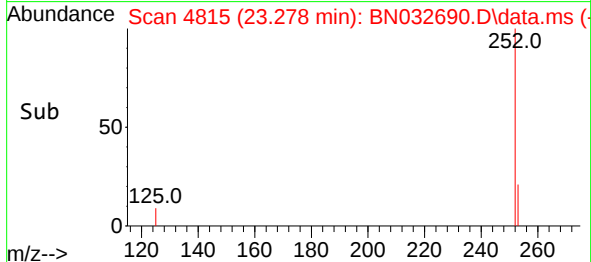
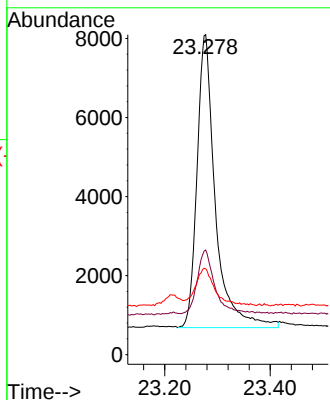


#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.278 min Scan# 4815
Delta R.T. -0.032 min
Lab File: BN032690.D
Acq: 13 Jul 2024 01:51

Instrument :
BNA_N
ClientSampleId :
SLCS866

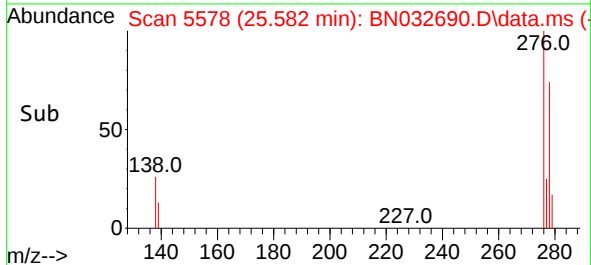
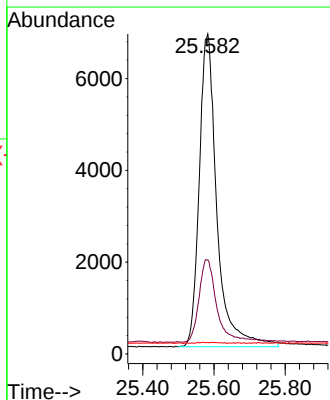
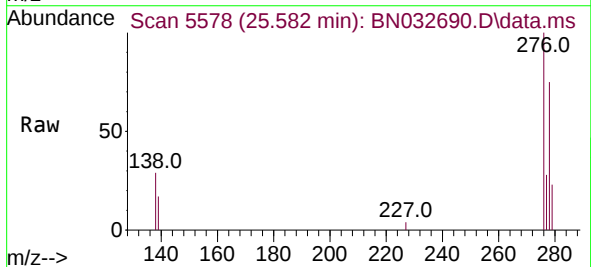


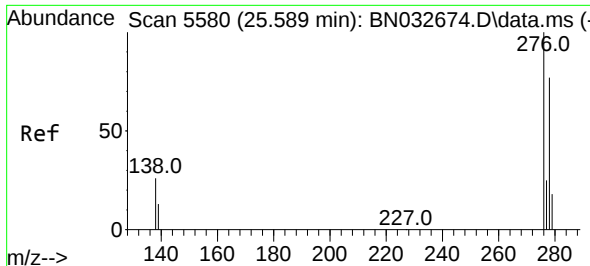
Tgt Ion:252 Resp: 17856
Ion Ratio Lower Upper
252 100
253 32.7 25.4 38.0
125 26.8 20.6 30.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng/ul
RT: 25.582 min Scan# 5578
Delta R.T. -0.044 min
Lab File: BN032690.D
Acq: 13 Jul 2024 01:51

Tgt Ion:276 Resp: 23483
Ion Ratio Lower Upper
276 100
138 26.9 21.6 32.4
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.398 ng/ul

RT: 25.586 min Scan# 51

Delta R.T. -0.054 min

Lab File: BN032690.D

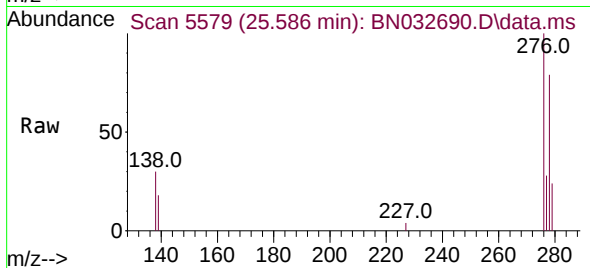
Acq: 13 Jul 2024 01:51

Instrument :

BNA_N

ClientSampleId :

SLCS866



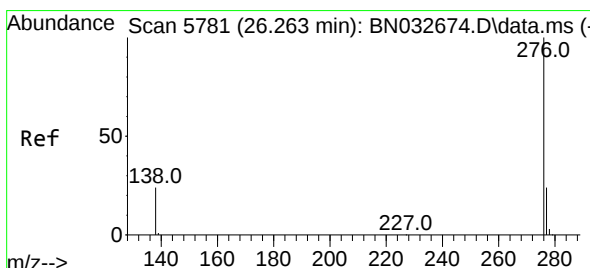
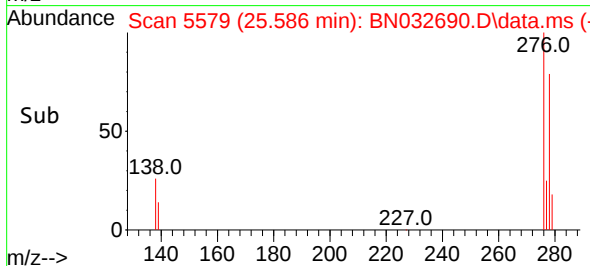
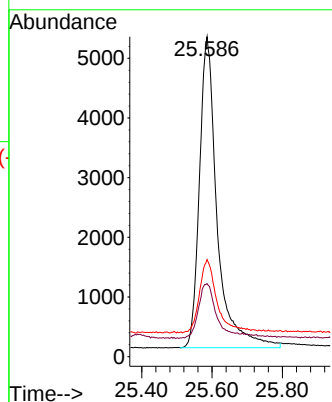
Tgt Ion:278 Resp: 18228

Ion Ratio Lower Upper

278 100

139 22.8 16.6 24.8

279 30.4 23.7 35.5



#29

Benzo(g,h,i)perylene

Concen: 0.377 ng/ul

RT: 26.260 min Scan# 5780

Delta R.T. -0.040 min

Lab File: BN032690.D

Acq: 13 Jul 2024 01:51

Tgt Ion:276 Resp: 18576

Ion Ratio Lower Upper

276 100

138 26.7 21.0 31.4

277 26.8 20.6 31.0

