

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032710.D
 Acq On : 13 Jul 2024 15:07
 Operator : MA/JU
 Sample : PB161927BS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS927

Quant Time: Jul 15 08:57:31 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

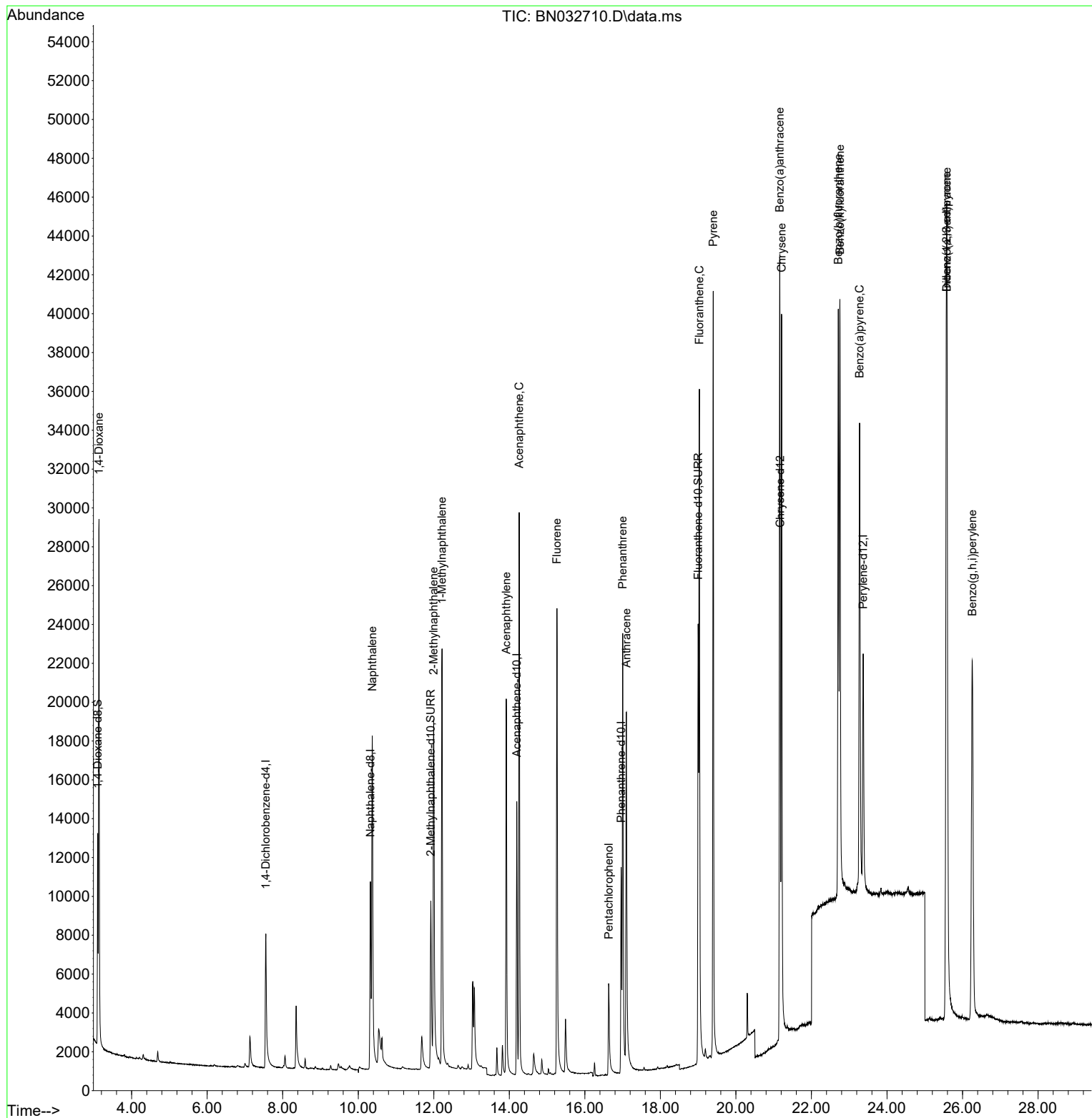
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5389	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	16388	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.197	164	8288	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.961	188	15478	0.400	ng/ul	-0.03
17) Chrysene-d12	21.173	240	14130	0.400	ng/ul	-0.02
23) Perylene-d12	23.371	264	17328	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	6931	1.071	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	15731	0.635	ng/ul	-0.05
18) Fluoranthene-d10	18.999	212	28956	0.629	ng/ul	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.135	88	19562	2.654	ng/ul	91
5) Naphthalene	10.371	128	28818	0.655	ng/ul	98
7) 2-Methylnaphthalene	11.999	142	17684	0.644	ng/ul	98
8) 1-Methylnaphthalene	12.219	142	17584	0.619	ng/ul	99
10) Acenaphthylene	13.920	152	24906	0.744	ng/ul	99
11) Acenaphthene	14.262	153	18313	0.661	ng/ul	98
12) Fluorene	15.262	166	18842	0.595	ng/ul	98
14) Pentachlorophenol	16.632	266	5023	1.850	ng/ul	99
15) Phenanthrene	17.003	178	27168	0.645	ng/ul	99
16) Anthracene	17.100	178	26191	0.761	ng/ul	99
19) Fluoranthene	19.031	202	34464	0.600	ng/ul	99
20) Pyrene	19.398	202	36880	0.620	ng/ul	99
21) Benzo(a)anthracene	21.159	228	36087	0.802	ng/ul	98
22) Chrysene	21.211	228	39313	0.604	ng/ul	98
24) Benzo(b)fluoranthene	22.710	252	38750	0.634	ng/ul	98
25) Benzo(k)fluoranthene	22.754	252	41982	0.563	ng/ul	98
26) Benzo(a)pyrene	23.275	252	38958	0.736	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.579	276	51389	0.717	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.586	278	40351	0.727	ng/ul	95
29) Benzo(g,h,i)perylene	26.256	276	40210	0.672	ng/ul	99

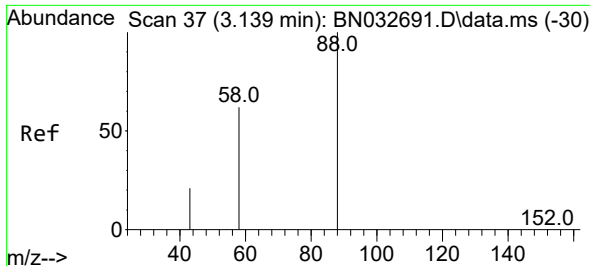
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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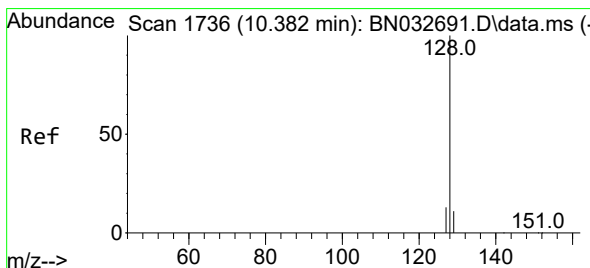
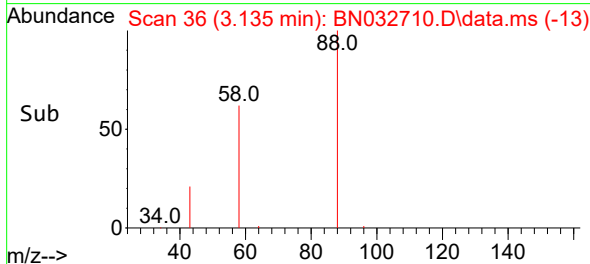
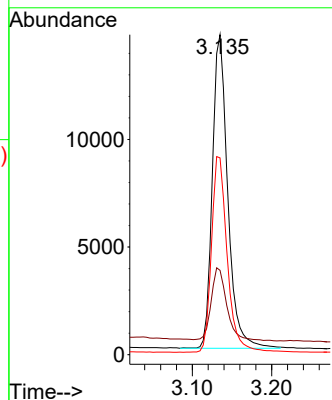
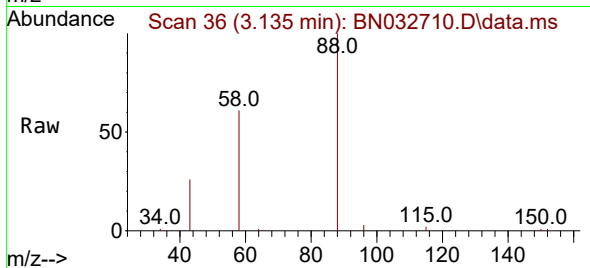




#2
1,4-Dioxane
Concen: 2.654 ng/ul
RT: 3.135 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

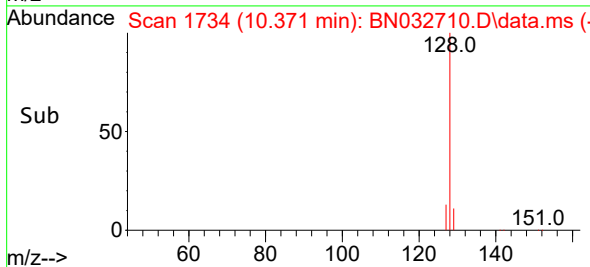
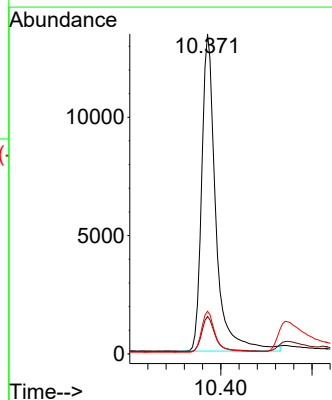
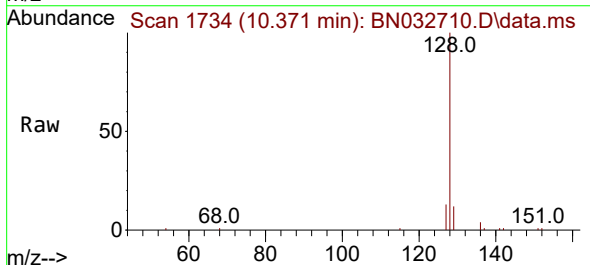
Instrument :
BNA_N
ClientSampleId :
SLCS927

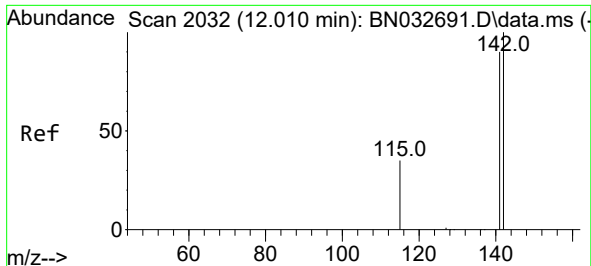
Tgt Ion: 88 Resp: 19562
Ion Ratio Lower Upper
88 100
43 26.3 24.0 36.0
58 61.5 43.3 64.9



#5
Naphthalene
Concen: 0.655 ng/ul
RT: 10.371 min Scan# 1734
Delta R.T. -0.039 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Tgt Ion: 128 Resp: 28818
Ion Ratio Lower Upper
128 100
129 11.7 10.0 15.0
127 13.3 11.6 17.4

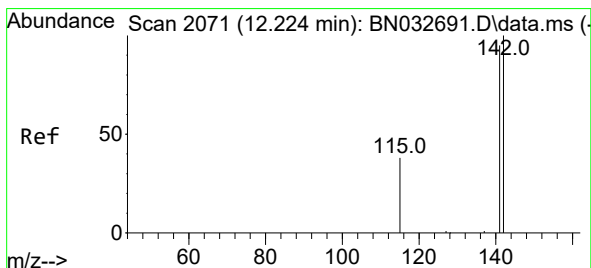
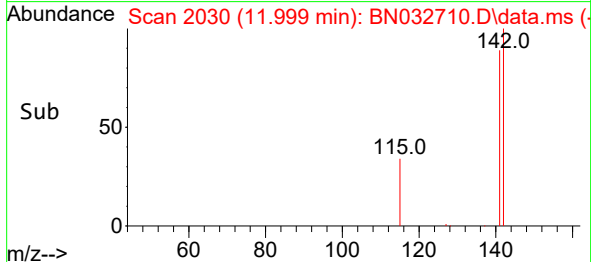
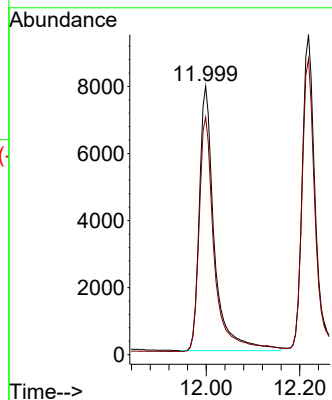
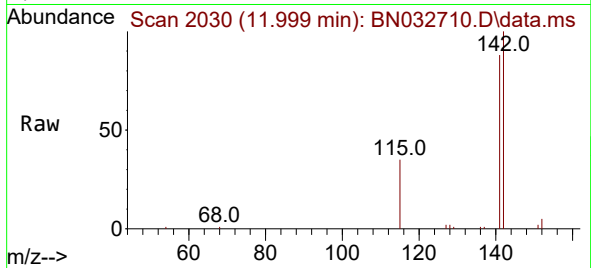




#7
2-Methylnaphthalene
Concen: 0.644 ng/ul
RT: 11.999 min Scan# 2030
Delta R.T. -0.050 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

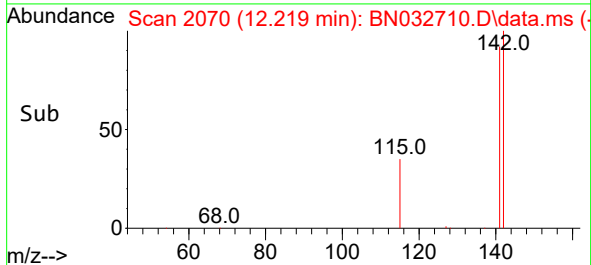
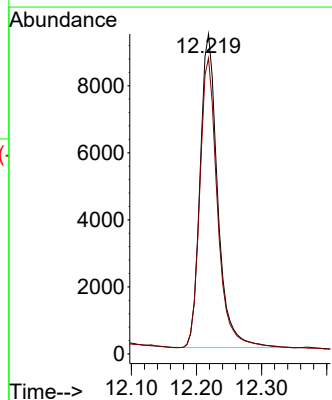
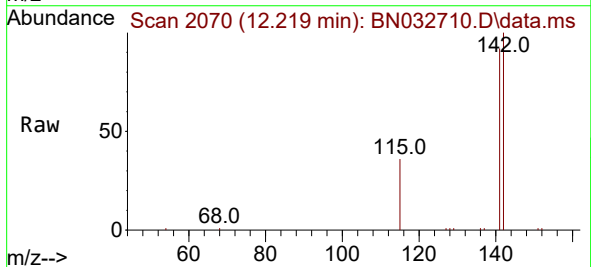
Instrument :
BNA_N
ClientSampleId :
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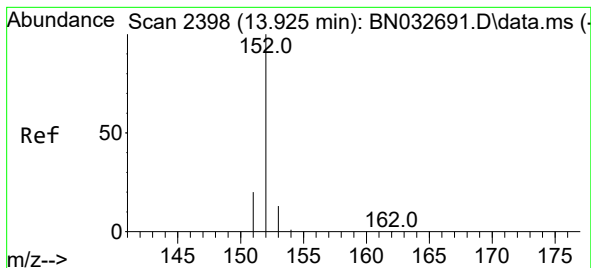
Tgt Ion:142 Resp: 17684
Ion Ratio Lower Upper
142 100
141 90.9 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.619 ng/ul
RT: 12.219 min Scan# 2070
Delta R.T. -0.028 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Tgt Ion:142 Resp: 17584
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.4





#10

Acenaphthylene

Concen: 0.744 ng/ul

RT: 13.920 min Scan# 21

Delta R.T. -0.023 min

Lab File: BN032710.D

Acq: 13 Jul 2024 15:07

Instrument :

BNA_N

ClientSampleId :

SLCS927

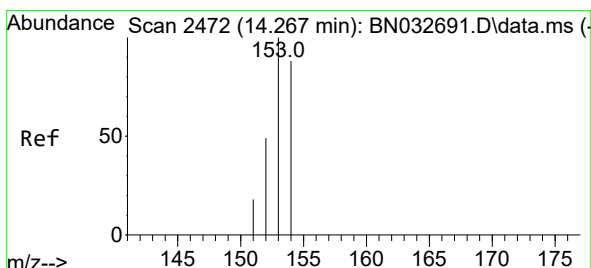
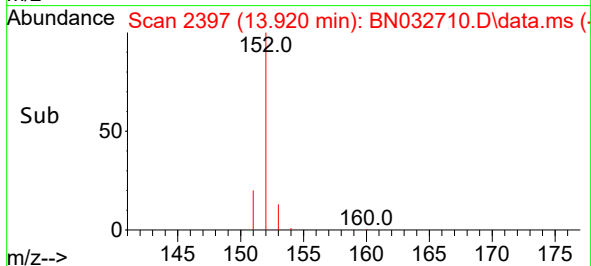
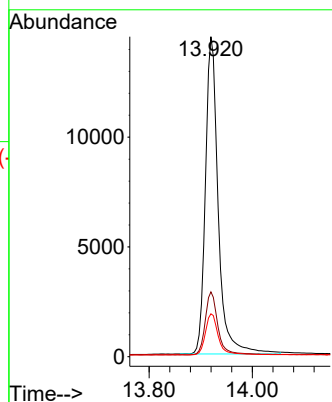
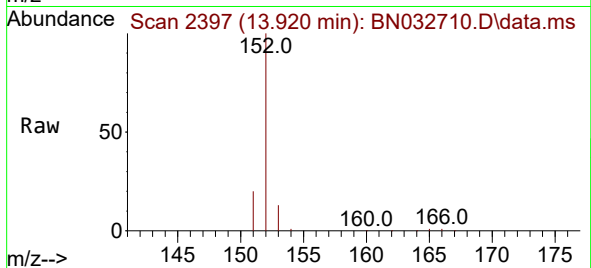
Tgt Ion:152 Resp: 24906

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 13.4 11.3 16.9



#11

Acenaphthene

Concen: 0.661 ng/ul

RT: 14.262 min Scan# 2471

Delta R.T. -0.019 min

Lab File: BN032710.D

Acq: 13 Jul 2024 15:07

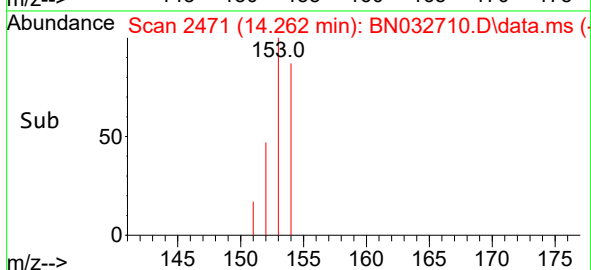
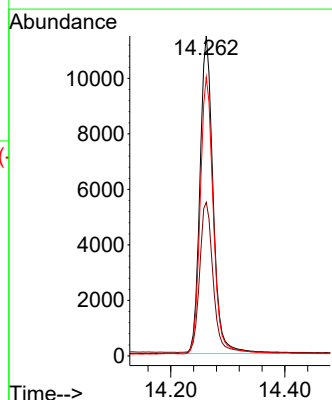
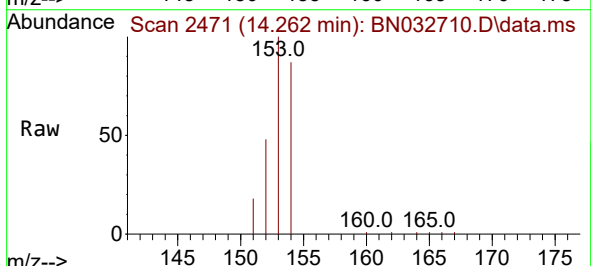
Tgt Ion:153 Resp: 18313

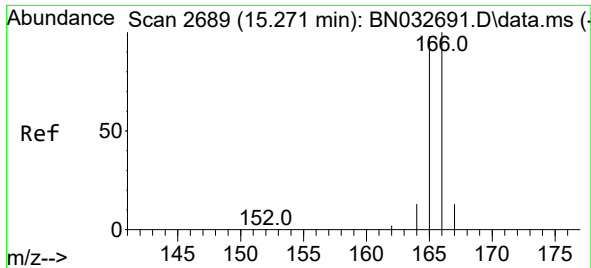
Ion Ratio Lower Upper

153 100

152 48.0 40.0 60.0

154 87.2 70.2 105.4

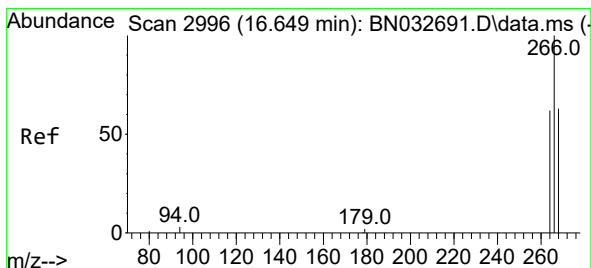
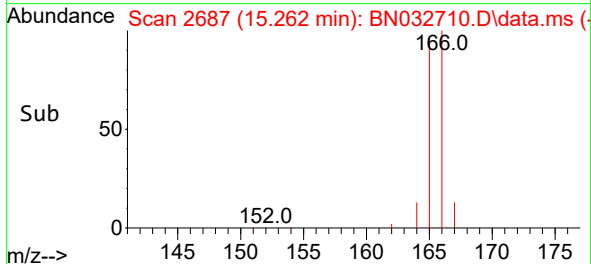
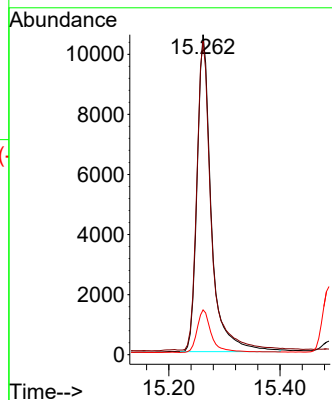
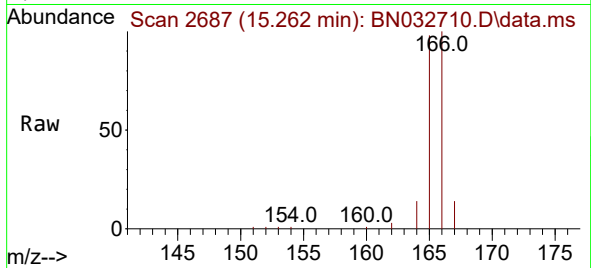




#12
Fluorene
Concen: 0.595 ng/ul
RT: 15.262 min Scan# 2092
Delta R.T. -0.028 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

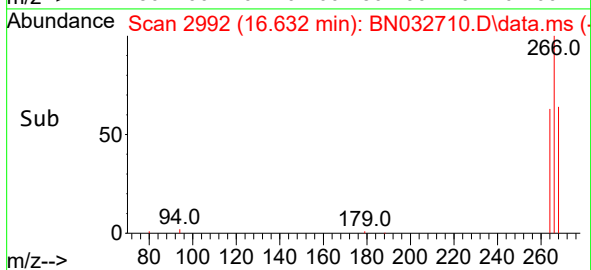
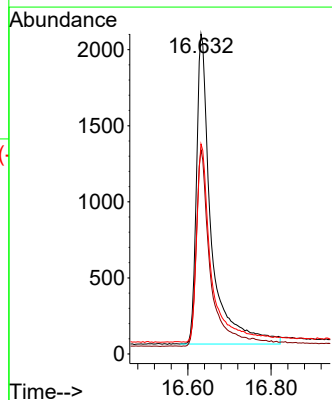
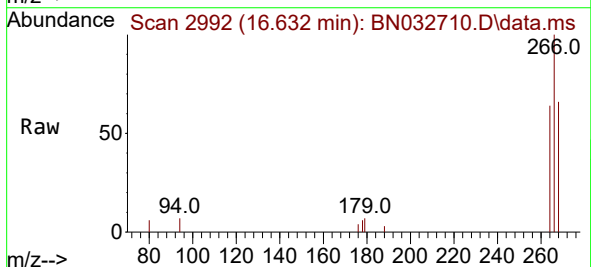
Instrument :
BNA_N
ClientSampleId :
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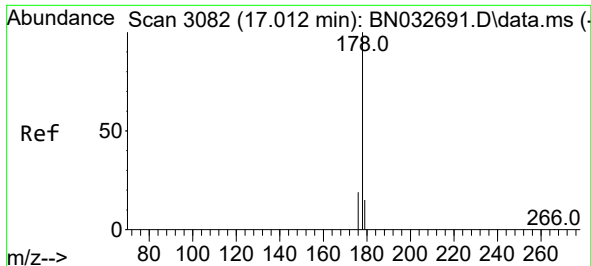
Tgt Ion:166 Resp: 18842
Ion Ratio Lower Upper
166 100
165 98.0 79.7 119.5
167 14.0 11.4 17.2



#14
Pentachlorophenol
Concen: 1.850 ng/ul
RT: 16.632 min Scan# 2992
Delta R.T. -0.038 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Tgt Ion:266 Resp: 5023
Ion Ratio Lower Upper
266 100
264 62.4 49.4 74.2
268 64.0 51.6 77.4

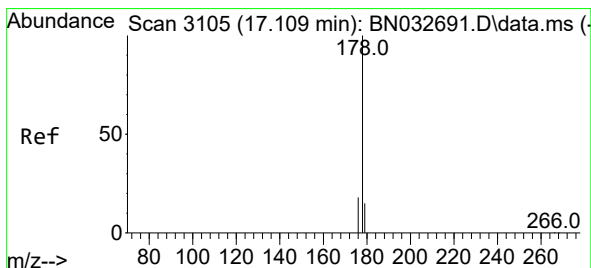
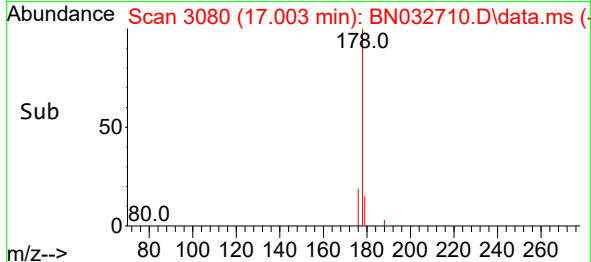
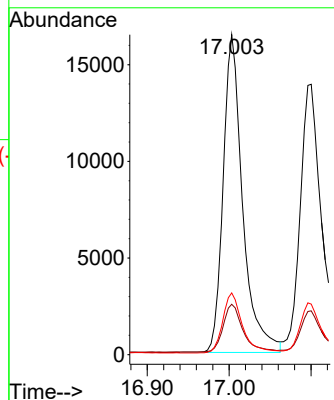
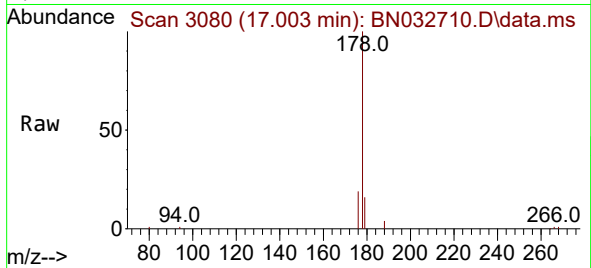




#15
Phenanthrene
Concen: 0.645 ng/ul
RT: 17.003 min Scan# 3080
Delta R.T. -0.025 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

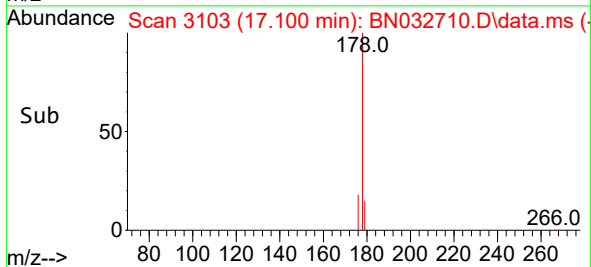
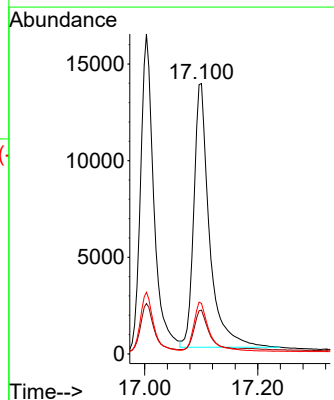
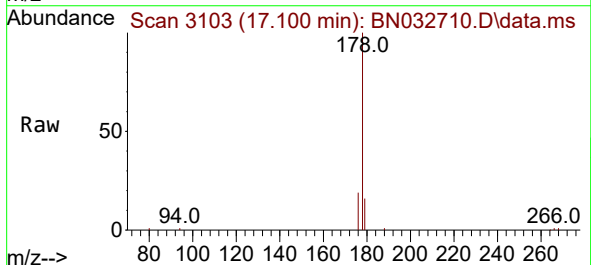
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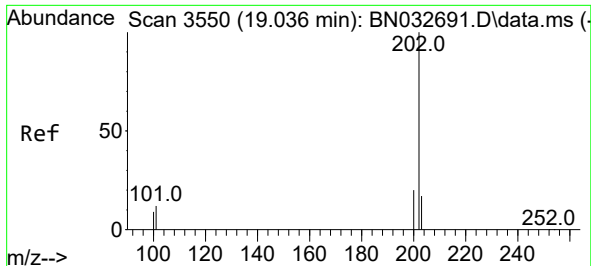
Tgt Ion:178 Resp: 27168
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 19.3 15.6 23.4



#16
Anthracene
Concen: 0.761 ng/ul
RT: 17.100 min Scan# 3103
Delta R.T. -0.038 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Tgt Ion:178 Resp: 26191
Ion Ratio Lower Upper
178 100
179 16.2 13.4 20.2
176 18.7 15.4 23.0

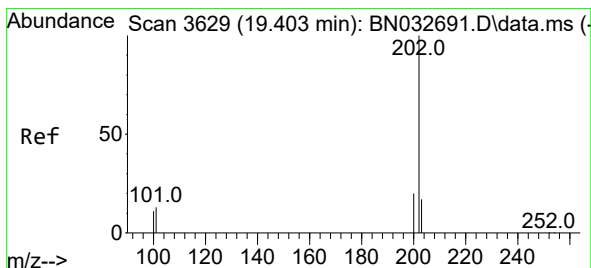
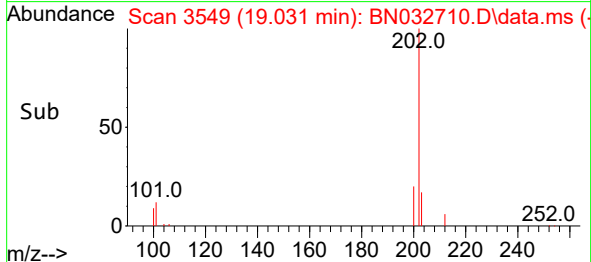
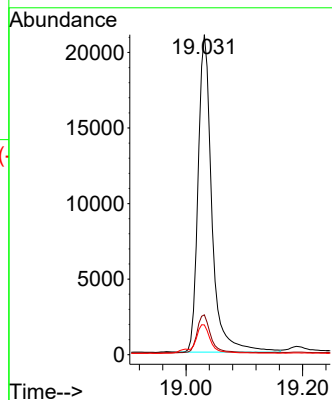
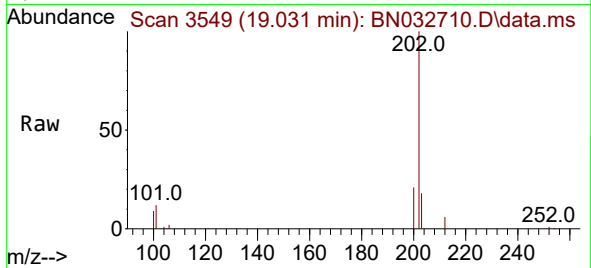




#19
Fluoranthene
Concen: 0.600 ng/ul
RT: 19.031 min Scan# 3549
Delta R.T. -0.023 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

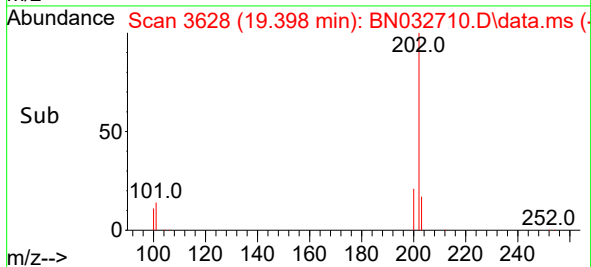
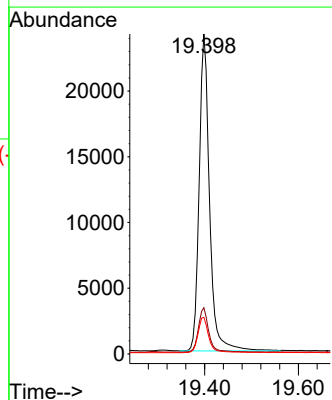
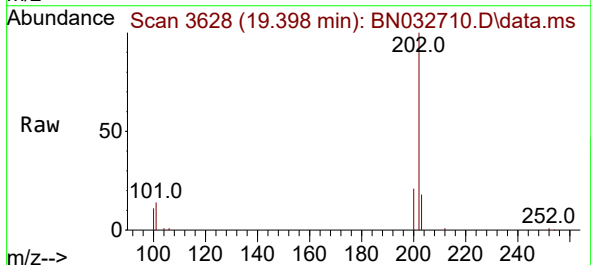
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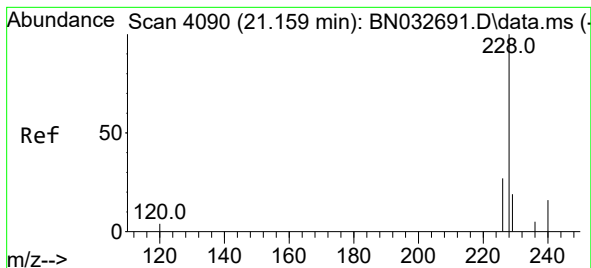
Tgt Ion:202 Resp: 34464
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.8
100 9.3 7.9 11.9



#20
Pyrene
Concen: 0.620 ng/ul
RT: 19.398 min Scan# 3628
Delta R.T. -0.023 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Tgt Ion:202 Resp: 36880
Ion Ratio Lower Upper
202 100
101 14.5 11.8 17.6
100 11.4 9.6 14.4





#21

Benzo(a)anthracene

Concen: 0.802 ng/ul

RT: 21.159 min Scan# 4090

Delta R.T. -0.023 min

Lab File: BN032710.D

Acq: 13 Jul 2024 15:07

Instrument :

BNA_N

ClientSampleId :

SLCS927

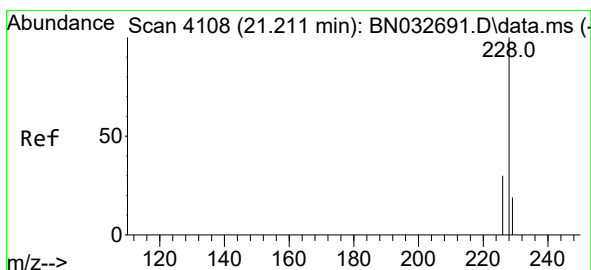
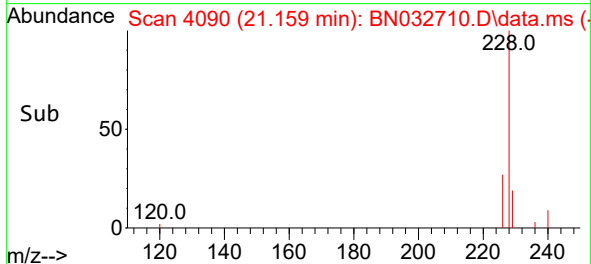
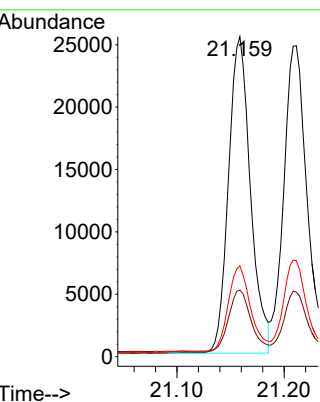
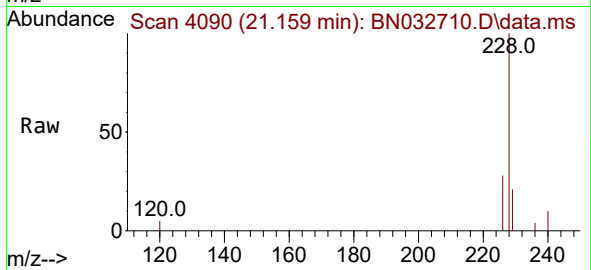
Tgt Ion:228 Resp: 36087

Ion Ratio Lower Upper

228 100

229 20.8 16.1 24.1

226 28.4 21.9 32.9



#22

Chrysene

Concen: 0.604 ng/ul

RT: 21.211 min Scan# 4108

Delta R.T. -0.021 min

Lab File: BN032710.D

Acq: 13 Jul 2024 15:07

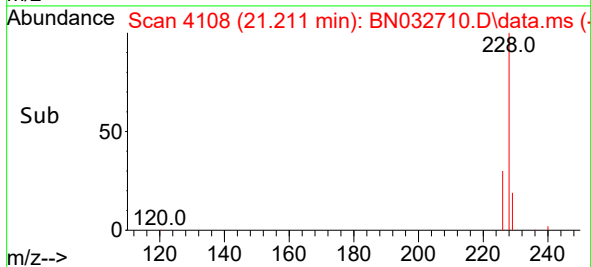
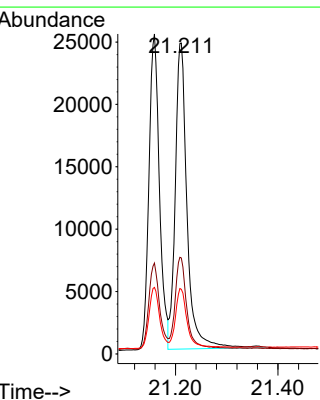
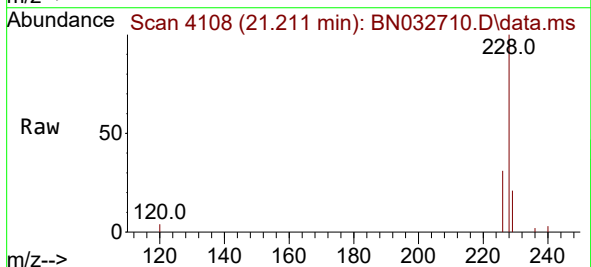
Tgt Ion:228 Resp: 39313

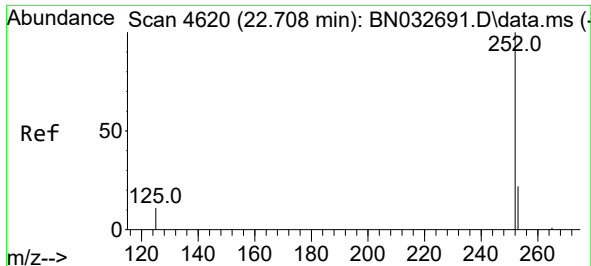
Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

229 20.8 15.8 23.6

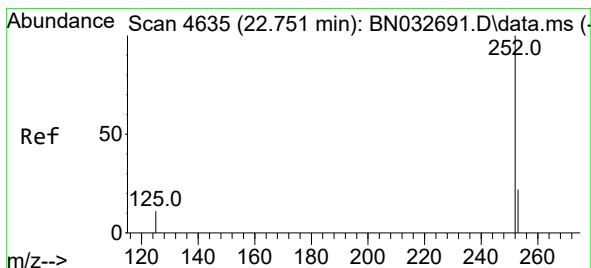
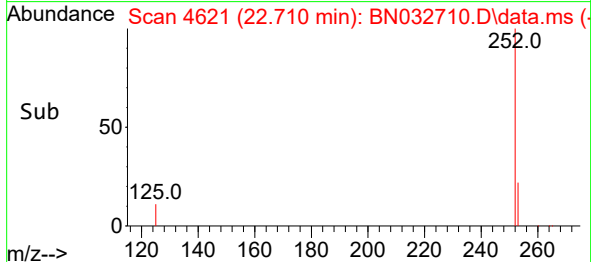
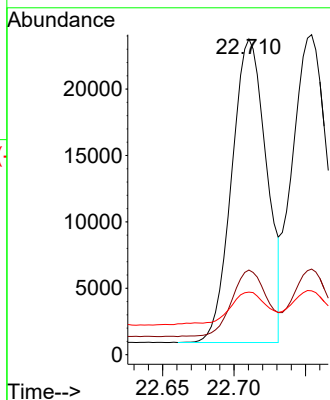
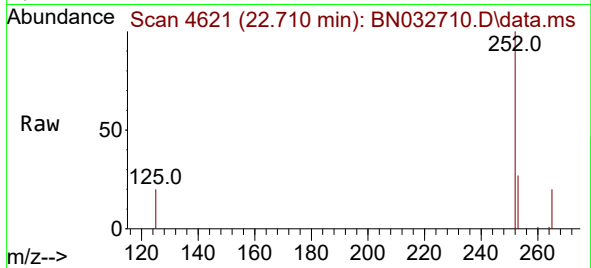




#24
Benzo(b)fluoranthene
Concen: 0.634 ng/ul
RT: 22.710 min Scan# 4621
Delta R.T. -0.023 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

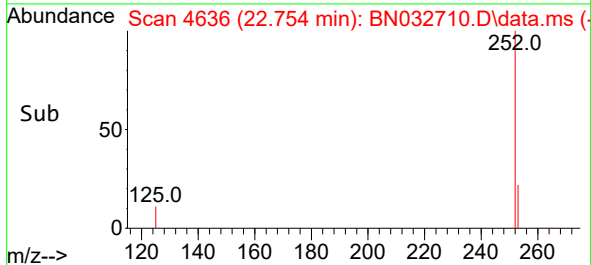
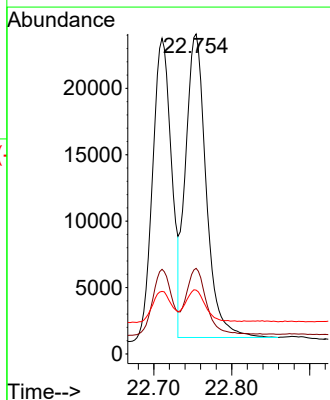
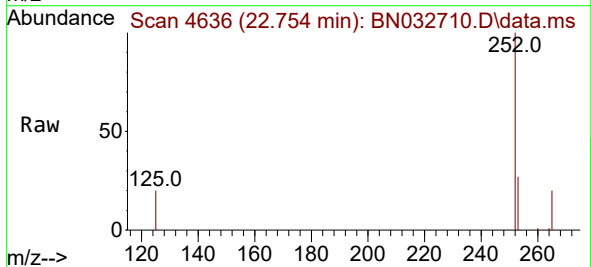
Instrument :
BNA_N
ClientSampleId :
SLCS927

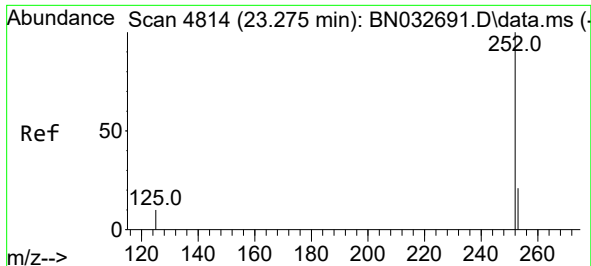
Tgt Ion:252 Resp: 38750
Ion Ratio Lower Upper
252 100
253 26.8 0.0 54.0
125 19.8 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.563 ng/ul
RT: 22.754 min Scan# 4636
Delta R.T. -0.023 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

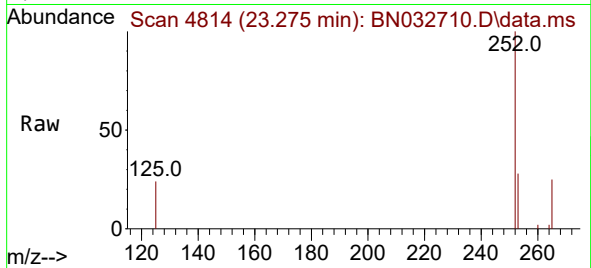
Tgt Ion:252 Resp: 41982
Ion Ratio Lower Upper
252 100
253 26.7 21.2 31.8
125 19.9 14.8 22.2



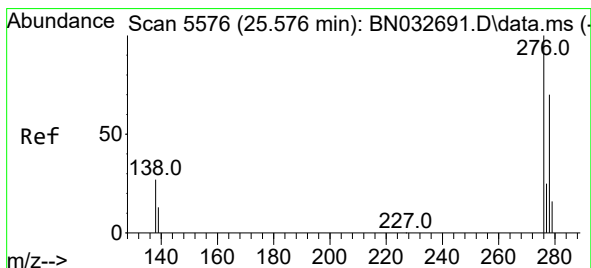
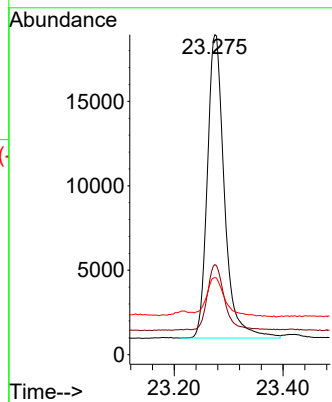
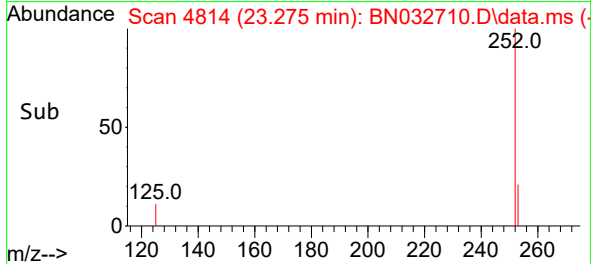


#26
Benzo(a)pyrene
Concen: 0.736 ng/ul
RT: 23.275 min Scan# 4814
Delta R.T. -0.035 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Instrument :
BNA_N
ClientSampleId :
SLCS927

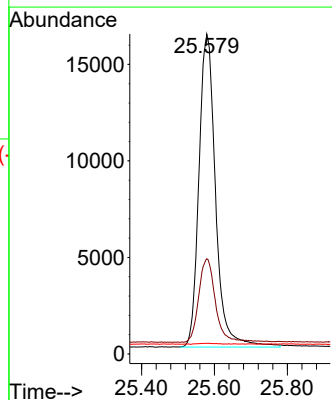
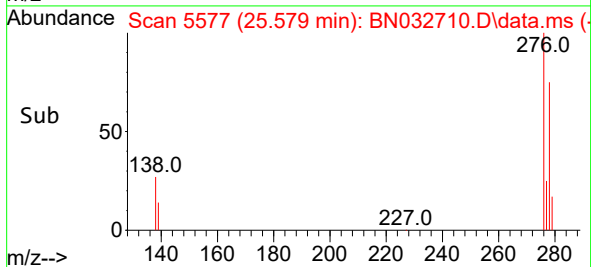
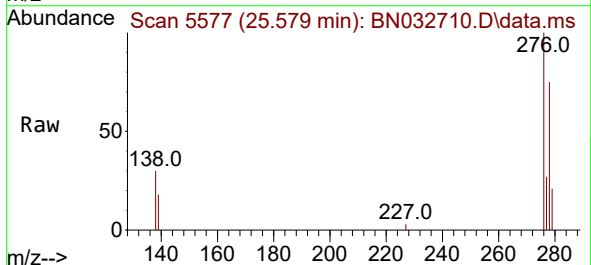


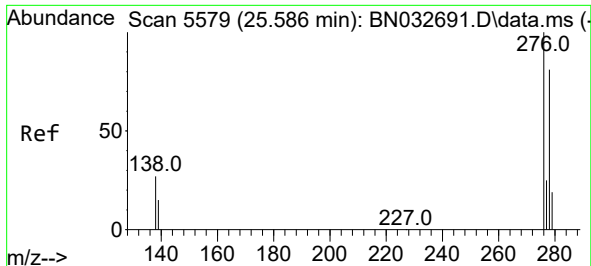
Tgt Ion:252 Resp: 38958
Ion Ratio Lower Upper
252 100
253 28.2 25.4 38.0
125 24.1 20.6 30.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.717 ng/ul
RT: 25.579 min Scan# 5577
Delta R.T. -0.047 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Tgt Ion:276 Resp: 51389
Ion Ratio Lower Upper
276 100
138 26.9 21.6 32.4
227 0.4 0.0 0.0#

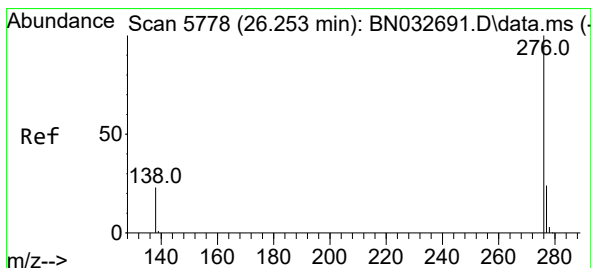
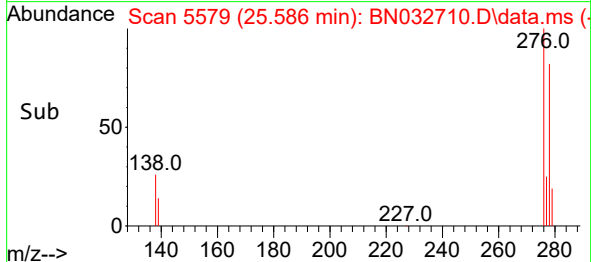
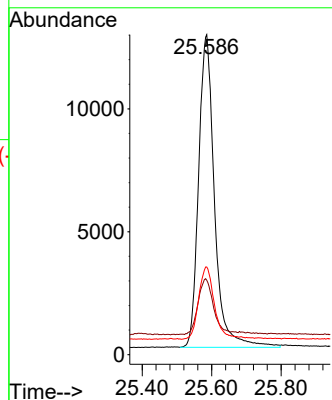
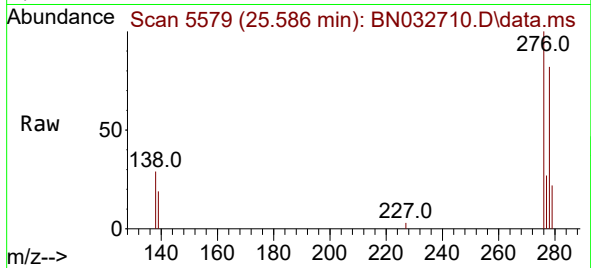




#28
Dibenzo(a,h)anthracene
Concen: 0.727 ng/ul
RT: 25.586 min Scan# 51
Delta R.T. -0.054 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Instrument :
BNA_N
ClientSampleId :
SLCS927

Tgt Ion:278 Resp: 40351
Ion Ratio Lower Upper
278 100
139 23.3 16.6 24.8
279 27.4 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.672 ng/ul
RT: 26.256 min Scan# 5779
Delta R.T. -0.044 min
Lab File: BN032710.D
Acq: 13 Jul 2024 15:07

Tgt Ion:276 Resp: 40210
Ion Ratio Lower Upper
276 100
138 27.0 21.0 31.4
277 26.2 20.6 31.0

