

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028109.D
 Acq On : 07 Oct 2023 06:53
 Operator : MA/JU
 Sample : PB156049BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS049

Quant Time: Oct 08 00:50:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

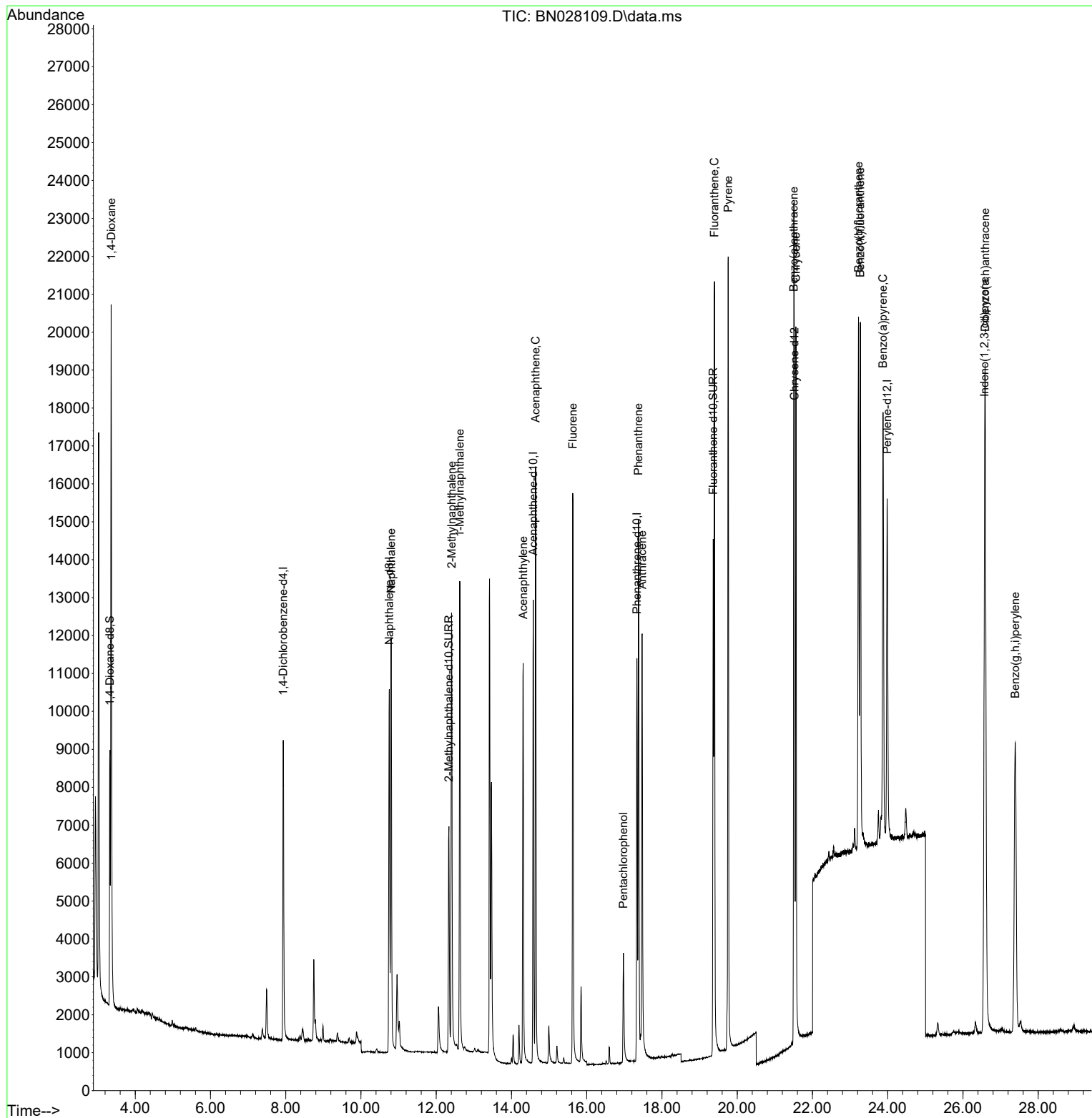
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	4547	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	14149	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.578	164	7051	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.333	188	13332	0.400	ng/ul	0.00
17) Chrysene-d12	21.522	240	11978	0.400	ng/ul	0.00
23) Perylene-d12	23.986	264	13345	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	4639	0.812	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	8897	0.390	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	16251	0.428	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.359	88	13905	2.299	ng/ul#	85
5) Naphthalene	10.801	128	15694	0.391	ng/ul	100
7) 2-Methylnaphthalene	12.407	142	9389	0.370	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	9164	0.349	ng/ul	99
10) Acenaphthylene	14.310	152	13395	0.419	ng/ul	100
11) Acenaphthene	14.643	153	9949	0.391	ng/ul	100
12) Fluorene	15.628	166	10640	0.376	ng/ul	99
14) Pentachlorophenol	16.974	266	2460	0.860	ng/ul	99
15) Phenanthrene	17.375	178	15973	0.402	ng/ul	99
16) Anthracene	17.473	178	14359	0.404	ng/ul	99
19) Fluoranthene	19.394	202	18041	0.394	ng/ul	100
20) Pyrene	19.762	202	18874	0.398	ng/ul	99
21) Benzo(a)anthracene	21.504	228	18334	0.419	ng/ul	99
22) Chrysene	21.560	228	18348	0.415	ng/ul	99
24) Benzo(b)fluoranthene	23.223	252	18867	0.381	ng/ul	94
25) Benzo(k)fluoranthene	23.272	252	20041	0.407	ng/ul	95
26) Benzo(a)pyrene	23.875	252	18298	0.434	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.576	276	23300	0.456	ng/ul	100
28) Dibenzo(a,h)anthracene	26.589	278	18997	0.457	ng/ul	98
29) Benzo(g,h,i)perylene	27.391	276	19134	0.458	ng/ul	98

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

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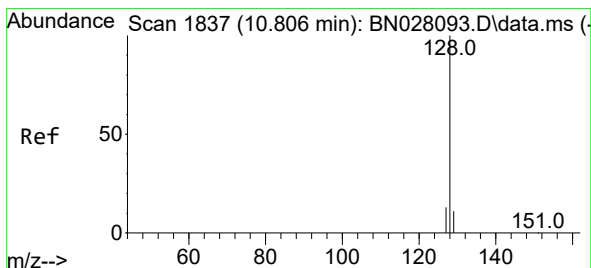
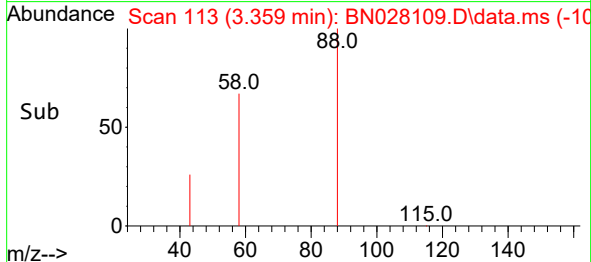
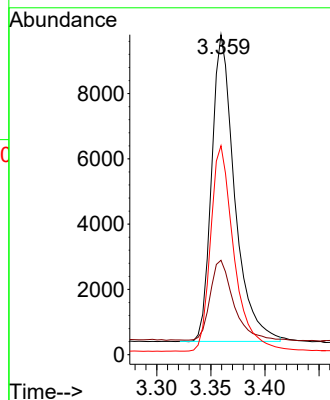
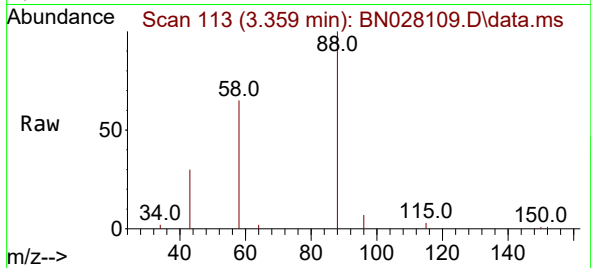




#2
1,4-Dioxane
Concen: 2.299 ng/ul
RT: 3.359 min Scan# 115
Delta R.T. -0.004 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

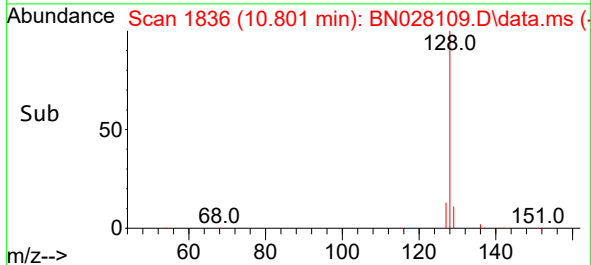
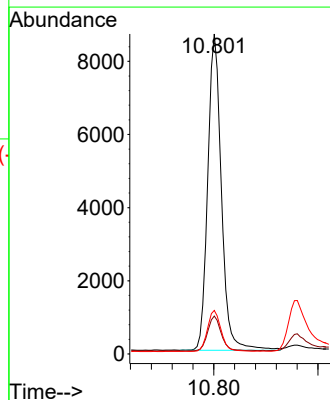
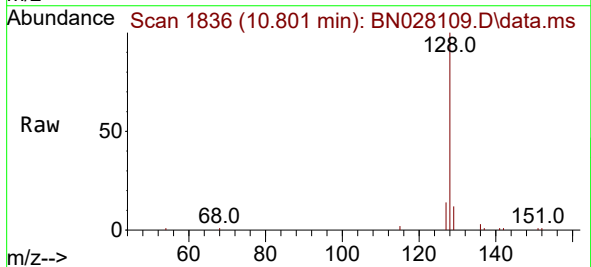
Instrument :
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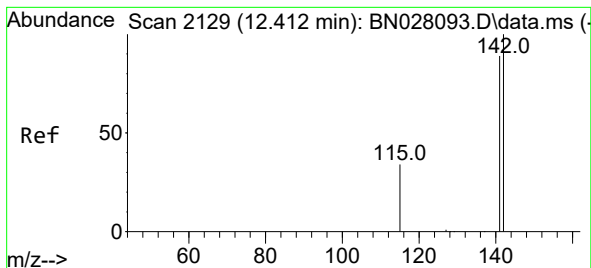
Tgt Ion: 88 Resp: 13905
Ion Ratio Lower Upper
88 100
43 29.5 33.4 50.2#
58 65.3 45.7 68.5



#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.801 min Scan# 1836
Delta R.T. -0.005 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

Tgt Ion: 128 Resp: 15694
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.6 11.0 16.4

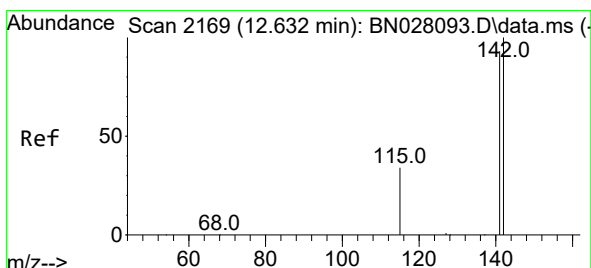
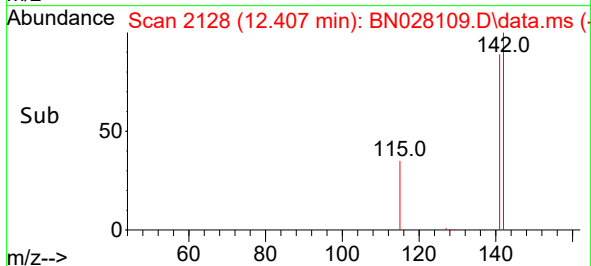
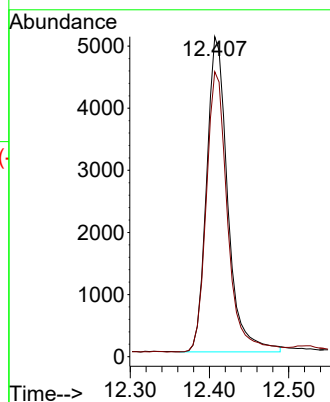
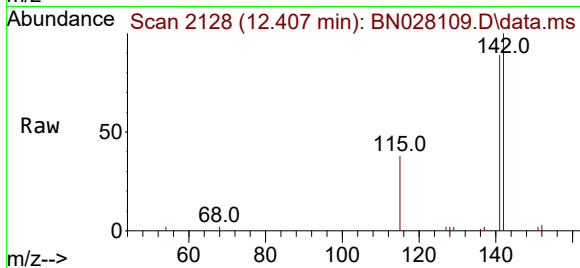




#7
2-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.407 min Scan# 2128
Delta R.T. -0.005 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

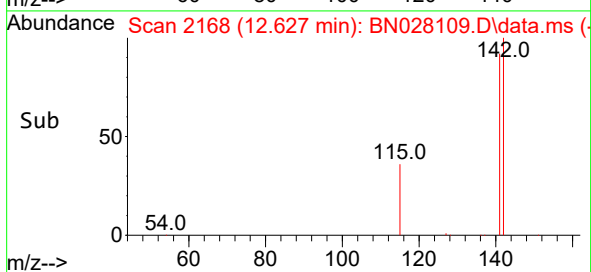
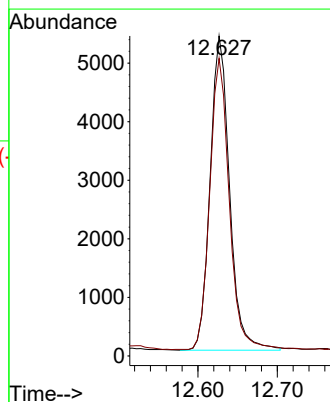
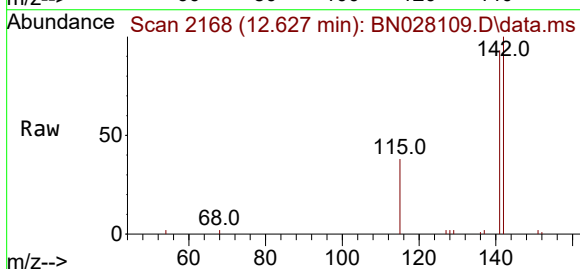
Instrument :
BNA_N
ClientSampleId :
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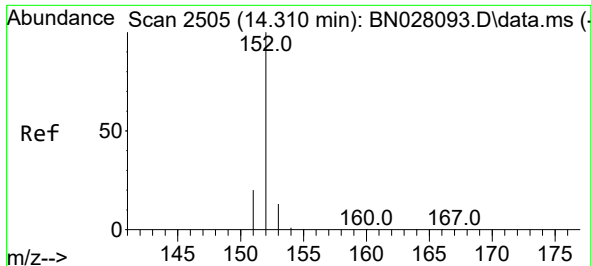
Tgt Ion:142 Resp: 9389
Ion Ratio Lower Upper
142 100
141 89.4 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.627 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

Tgt Ion:142 Resp: 9164
Ion Ratio Lower Upper
142 100
141 92.4 74.4 111.6

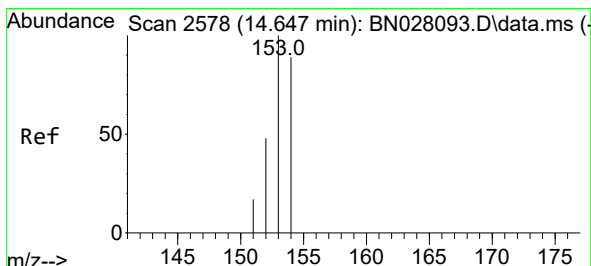
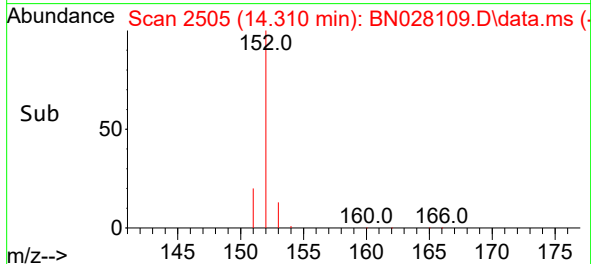
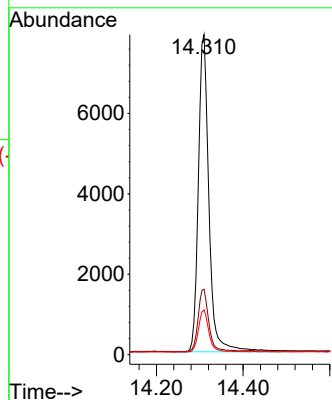
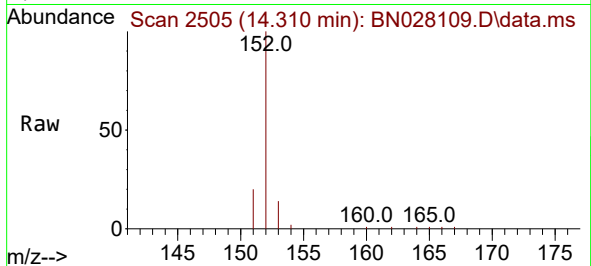




#10
Acenaphthylene
Concen: 0.419 ng/ul
RT: 14.310 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

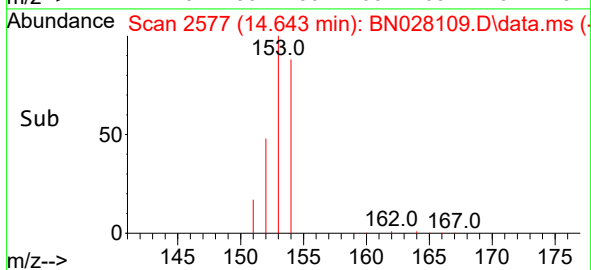
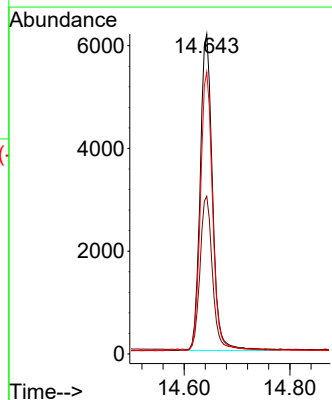
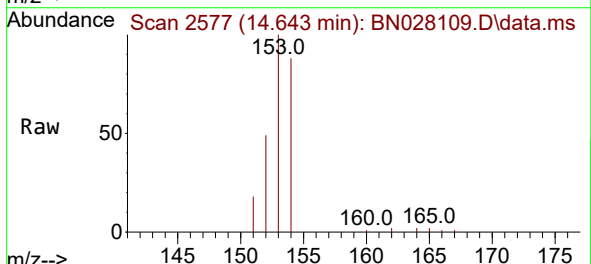
Instrument :
BNA_N
ClientSampleId :
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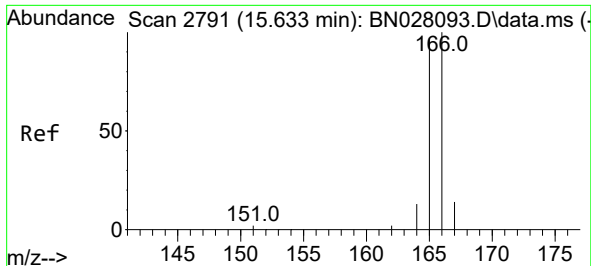
Tgt Ion:152 Resp: 13395
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 14.0 10.9 16.3



#11
Acenaphthene
Concen: 0.391 ng/ul
RT: 14.643 min Scan# 2577
Delta R.T. 0.000 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

Tgt Ion:153 Resp: 9949
Ion Ratio Lower Upper
153 100
152 49.3 39.4 59.0
154 88.1 70.2 105.4

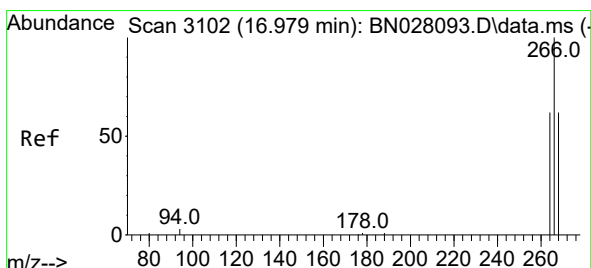
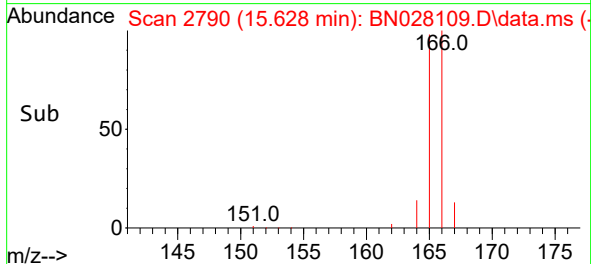
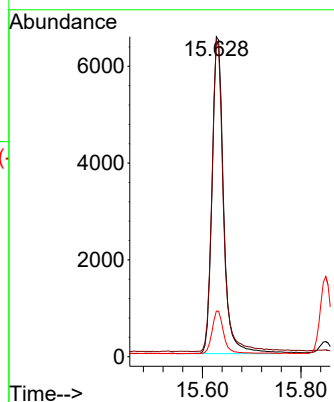
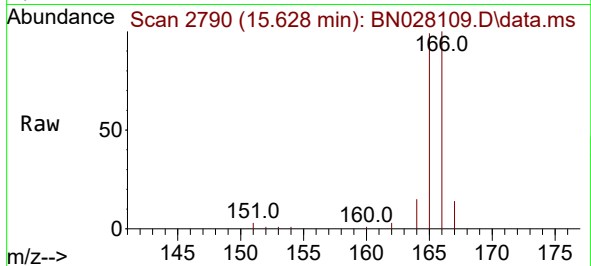




#12
Fluorene
Concen: 0.376 ng/ul
RT: 15.628 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

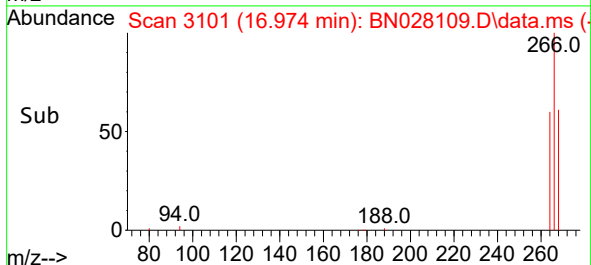
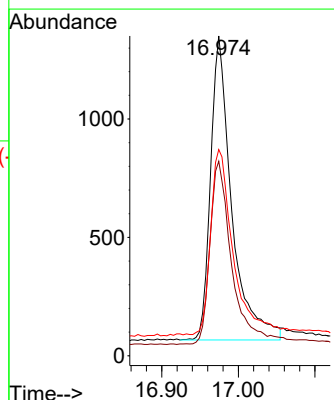
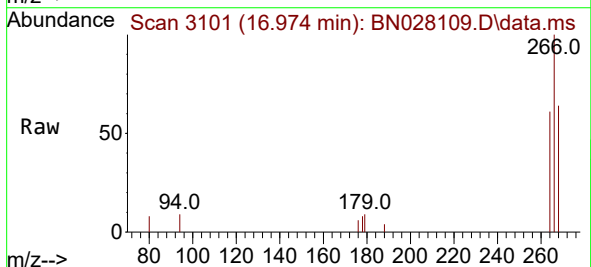
Instrument :
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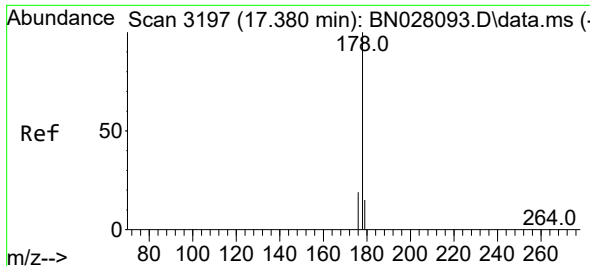
Tgt Ion:166 Resp: 10640
Ion Ratio Lower Upper
166 100
165 98.9 78.5 117.7
167 14.3 11.2 16.8



#14
Pentachlorophenol
Concen: 0.860 ng/ul
RT: 16.974 min Scan# 3101
Delta R.T. 0.004 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

Tgt Ion:266 Resp: 2460
Ion Ratio Lower Upper
266 100
264 62.3 49.6 74.4
268 64.5 52.2 78.4

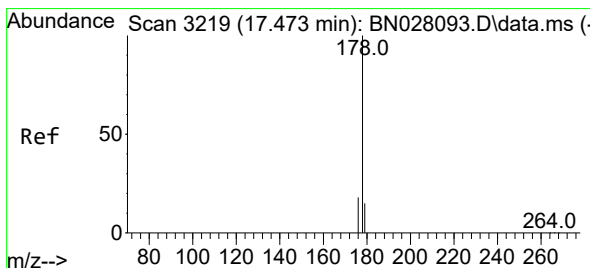
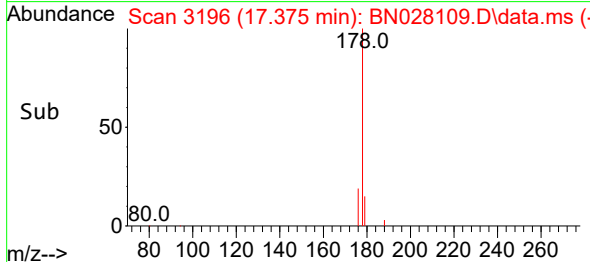
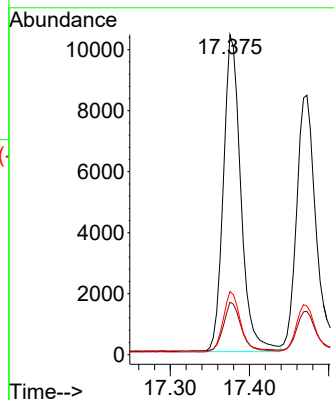
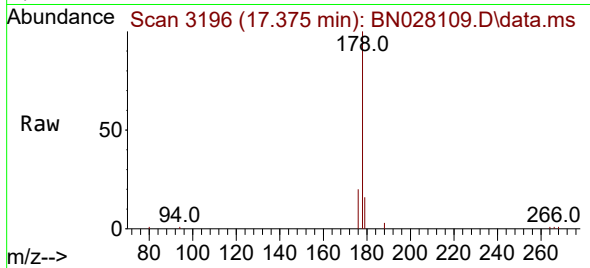




#15
Phenanthrene
Concen: 0.402 ng/ul
RT: 17.375 min Scan# 3196
Delta R.T. 0.000 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

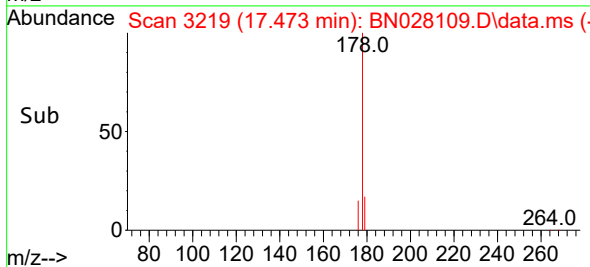
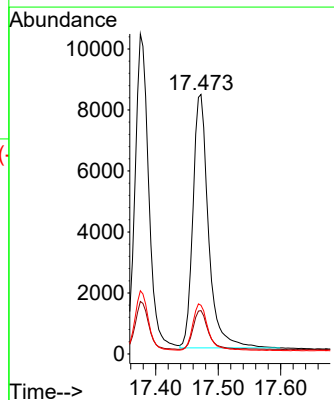
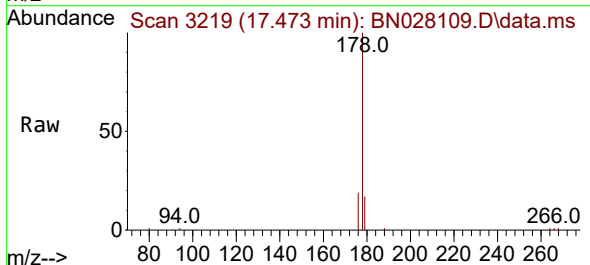
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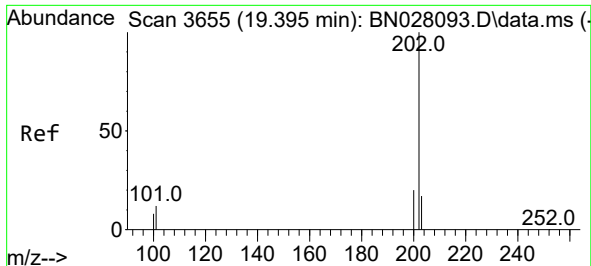
Tgt Ion:178 Resp: 15973
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 19.8 15.5 23.3



#16
Anthracene
Concen: 0.404 ng/ul
RT: 17.473 min Scan# 3219
Delta R.T. 0.004 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

Tgt Ion:178 Resp: 14359
Ion Ratio Lower Upper
178 100
179 16.7 12.8 19.2
176 18.8 15.0 22.6

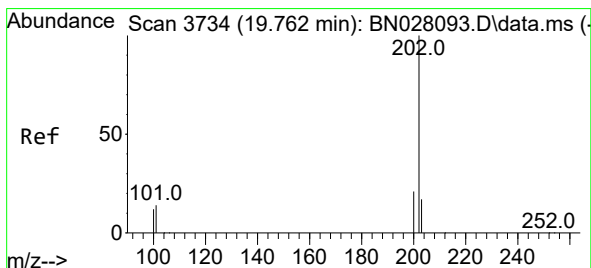
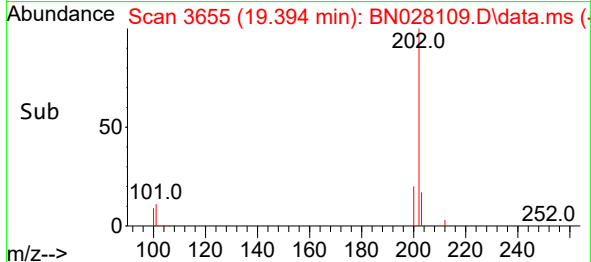
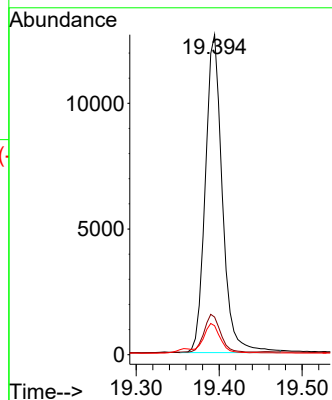
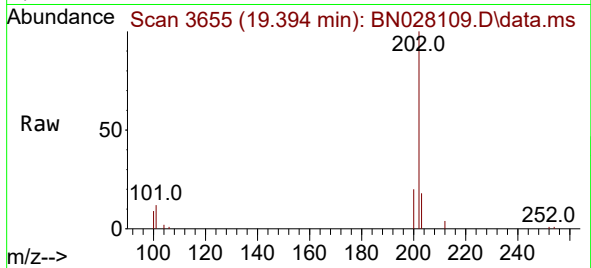




#19
Fluoranthene
Concen: 0.394 ng/ul
RT: 19.394 min Scan# 3655
Delta R.T. 0.005 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

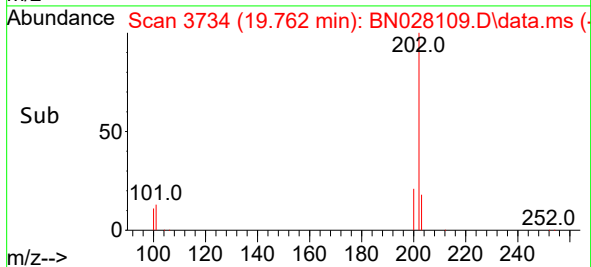
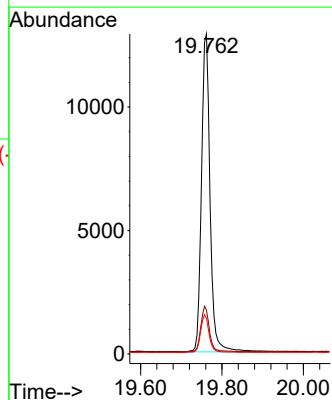
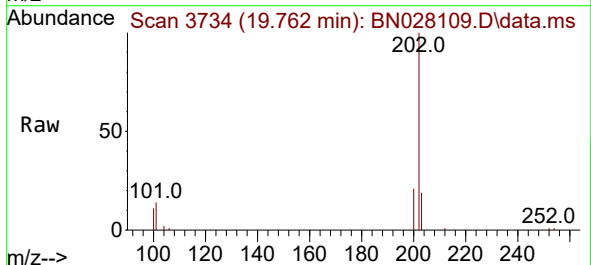
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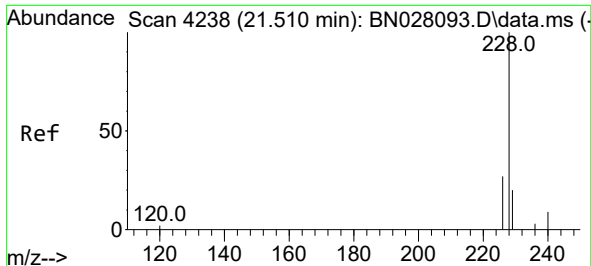
Tgt Ion:202 Resp: 18041
Ion Ratio Lower Upper
202 100
101 11.8 9.6 14.4
100 9.1 7.4 11.0



#20
Pyrene
Concen: 0.398 ng/ul
RT: 19.762 min Scan# 3734
Delta R.T. 0.005 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

Tgt Ion:202 Resp: 18874
Ion Ratio Lower Upper
202 100
101 13.7 11.2 16.8
100 11.1 9.1 13.7

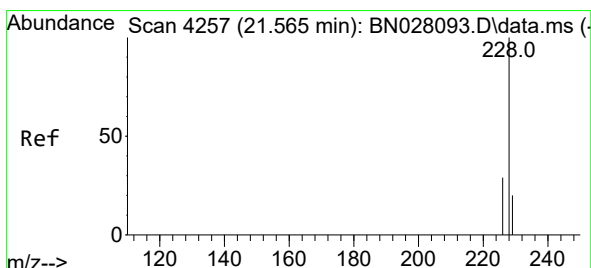
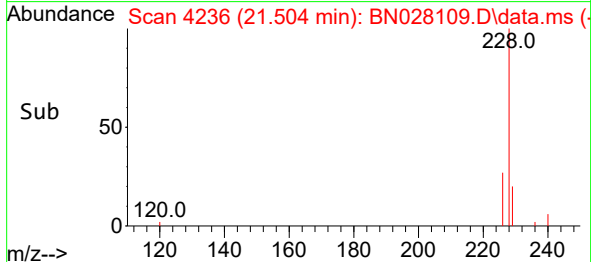
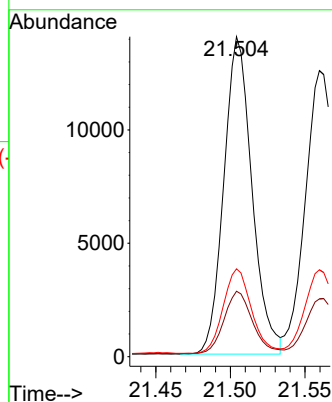
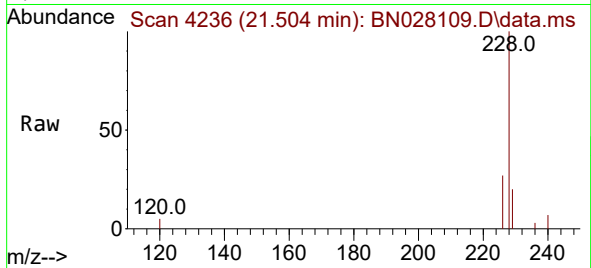




#21
Benzo(a)anthracene
Concen: 0.419 ng/ul
RT: 21.504 min Scan# 4236
Delta R.T. 0.003 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

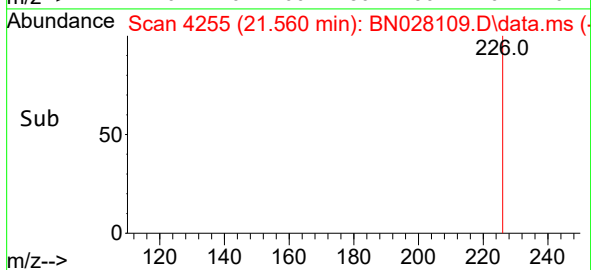
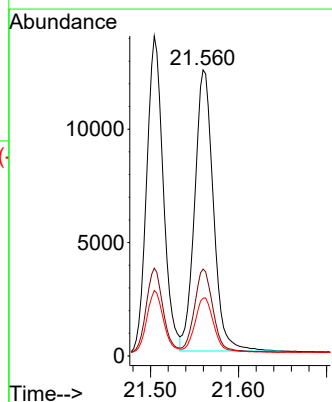
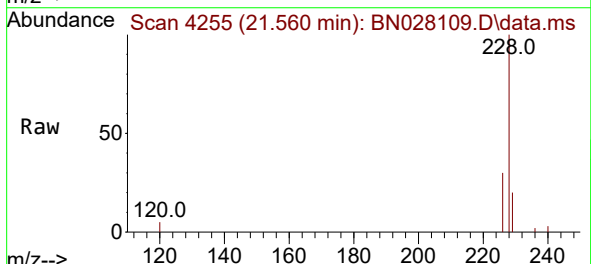
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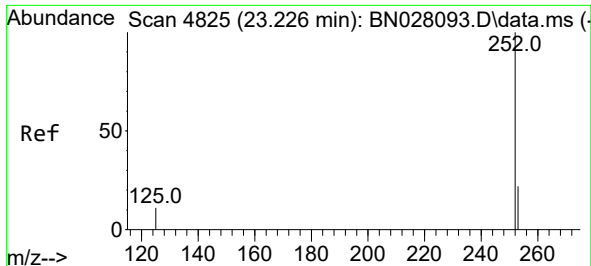
Tgt Ion:228 Resp: 18334
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 27.4 21.5 32.3



#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.560 min Scan# 4255
Delta R.T. 0.003 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

Tgt Ion:228 Resp: 18348
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.8
229 20.2 16.0 24.0

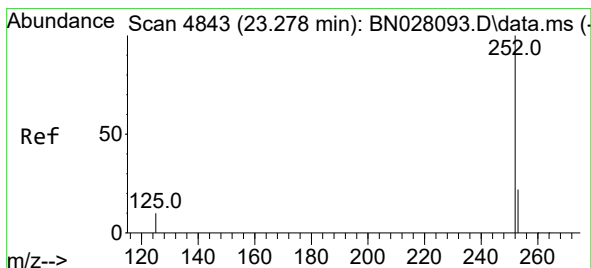
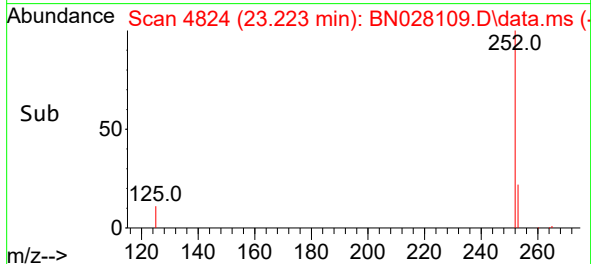
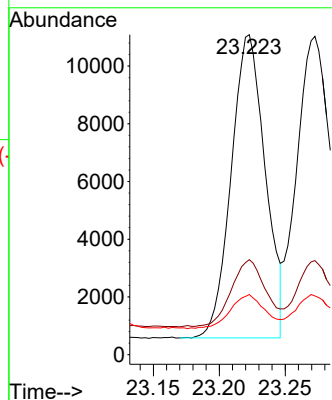
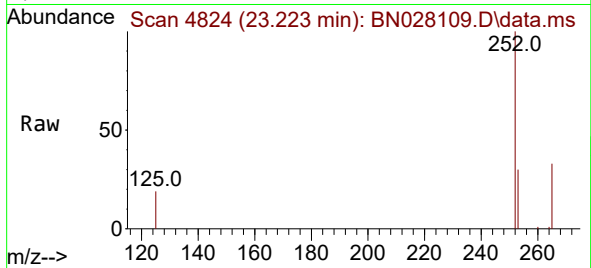




#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 23.223 min Scan# 4824
Delta R.T. 0.006 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

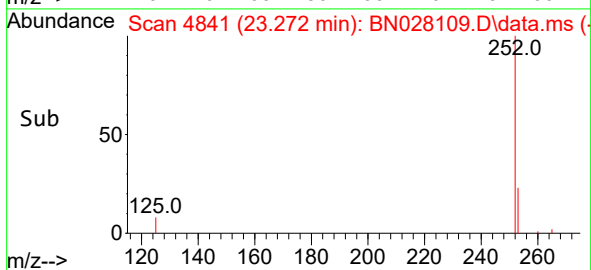
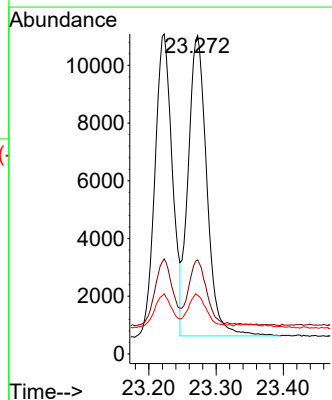
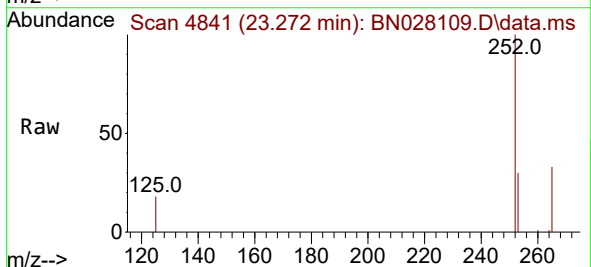
Instrument :
BNA_N
ClientSampleId :
SLCS049

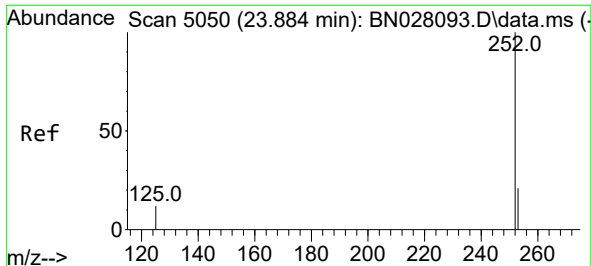
Tgt Ion:252 Resp: 18867
Ion Ratio Lower Upper
252 100
253 29.7 0.0 54.0
125 18.8 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.407 ng/ul
RT: 23.272 min Scan# 4841
Delta R.T. 0.006 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

Tgt Ion:252 Resp: 20041
Ion Ratio Lower Upper
252 100
253 29.6 21.8 32.8
125 18.5 12.8 19.2

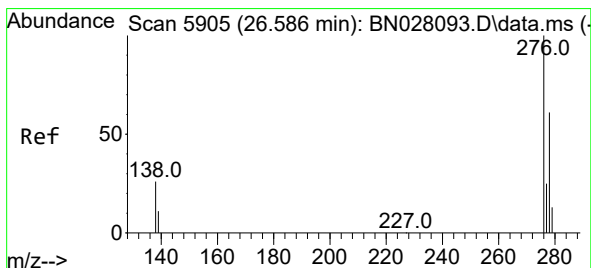
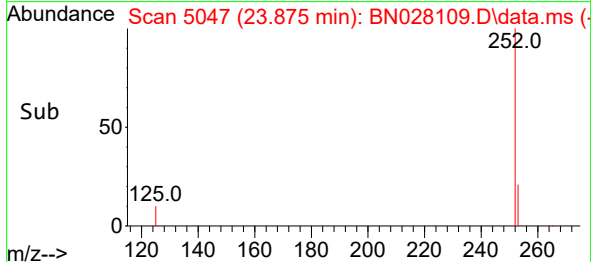
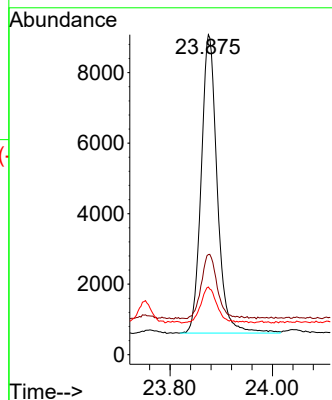
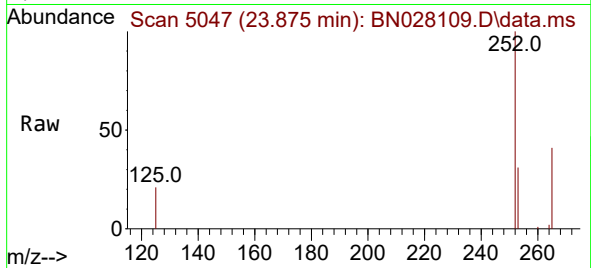




#26
Benzo(a)pyrene
Concen: 0.434 ng/ul
RT: 23.875 min Scan# 5050
Delta R.T. 0.006 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

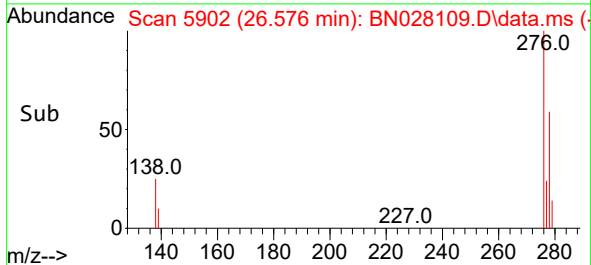
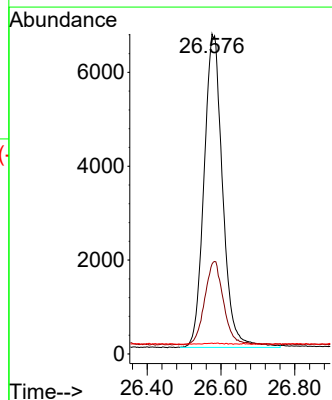
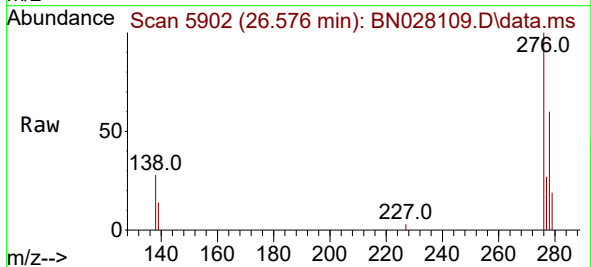
Instrument :
BNA_N
ClientSampleId :
SLCS049

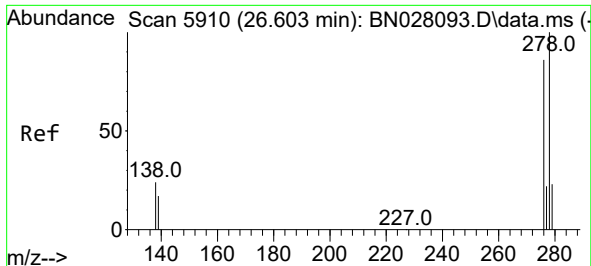
Tgt Ion:252 Resp: 18298
Ion Ratio Lower Upper
252 100
253 31.3 23.4 35.2
125 21.2 15.3 22.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.456 ng/ul
RT: 26.576 min Scan# 5902
Delta R.T. 0.010 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

Tgt Ion:276 Resp: 23300
Ion Ratio Lower Upper
276 100
138 27.0 21.6 32.4
227 0.2 0.2 0.2

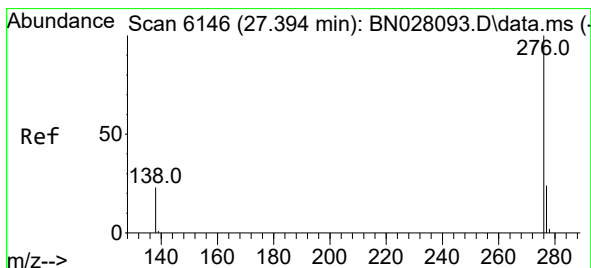
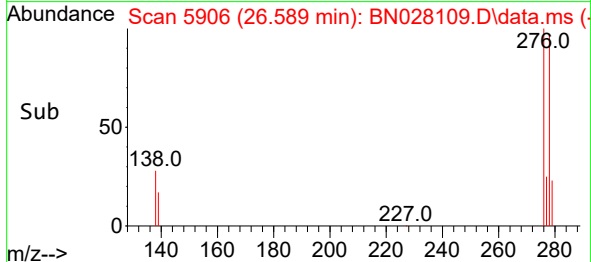
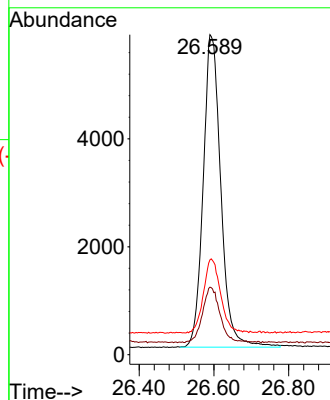
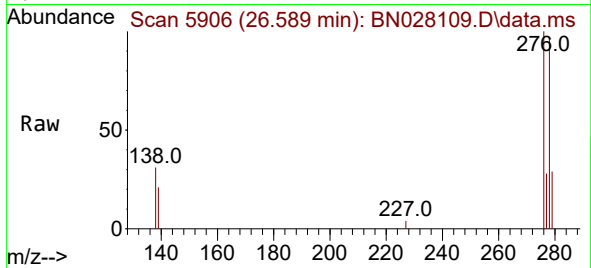




#28
Dibenzo(a,h)anthracene
Concen: 0.457 ng/ul
RT: 26.589 min Scan# 5906
Delta R.T. 0.007 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

Instrument :
BNA_N
ClientSampleId :
SLCS049

Tgt Ion:278 Resp: 18997
Ion Ratio Lower Upper
278 100
139 21.1 15.9 23.9
279 29.7 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.458 ng/ul
RT: 27.391 min Scan# 6145
Delta R.T. 0.013 min
Lab File: BN028109.D
Acq: 07 Oct 2023 06:53

Tgt Ion:276 Resp: 19134
Ion Ratio Lower Upper
276 100
138 26.2 19.8 29.6
277 26.4 20.6 31.0

