

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021124\
 Data File : BN029692.D
 Acq On : 11 Feb 2024 19:32
 Operator : MA/JU
 Sample : PB158926BS
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS926

Quant Time: Feb 11 23:28:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Feb 11 23:18:17 2024
 Response via : Initial Calibration

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

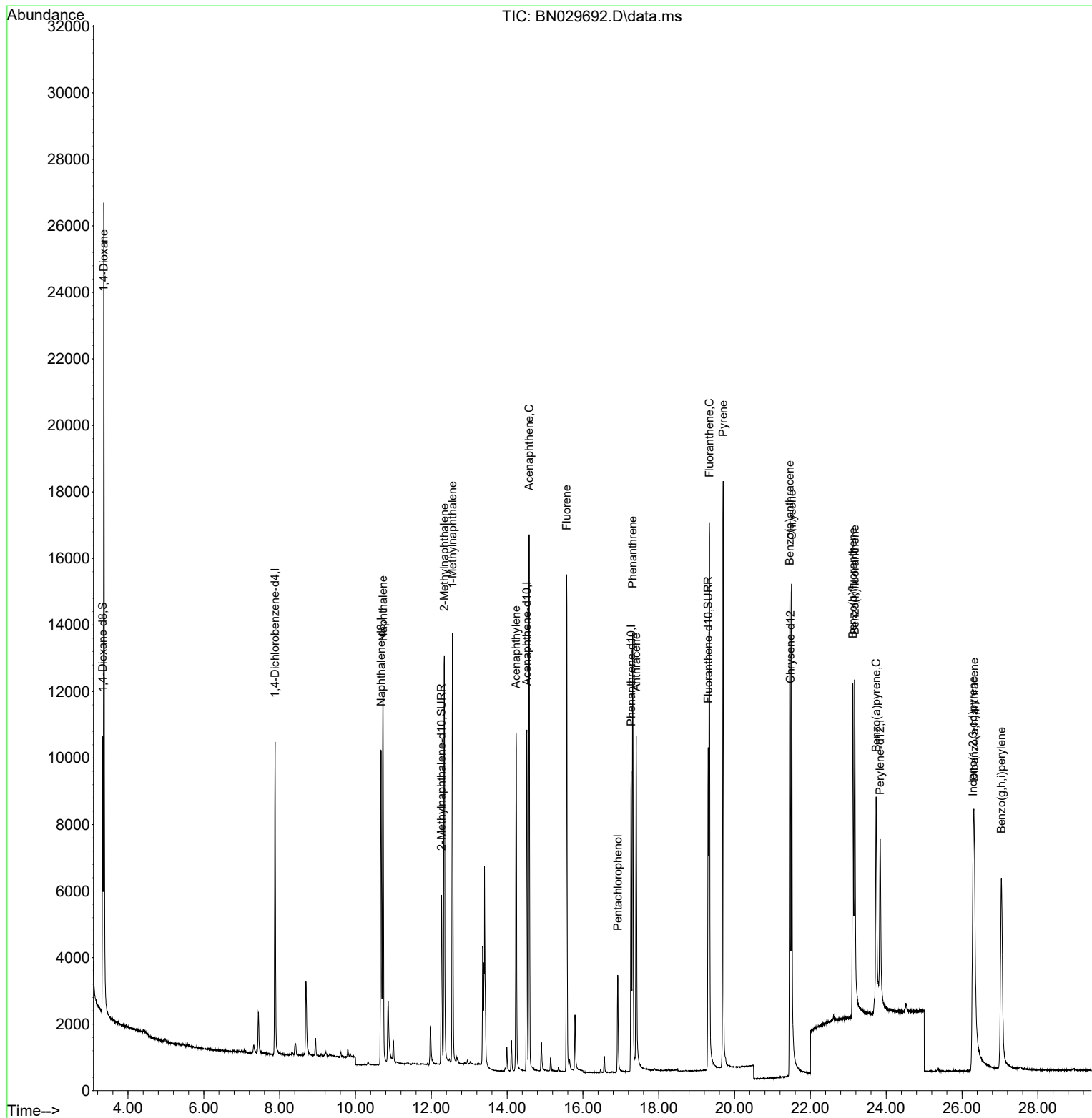
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	4988	0.400	ng/ul	0.00
4) Naphthalene-d8	10.678	136	13718	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.520	164	5942	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	10979	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	7958	0.400	ng/ul	0.00
23) Perylene-d12	23.840	264	7905	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	5299	0.852	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	7352	0.421	ng/ul	0.00
18) Fluoranthene-d10	19.304	212	11175	0.427	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.361	88	16741	2.472	ng/ul#	85
5) Naphthalene	10.727	128	16436	0.426	ng/ul	100
7) 2-Methylnaphthalene	12.344	142	9381	0.424	ng/ul	100
8) 1-Methylnaphthalene	12.558	142	9170	0.407	ng/ul	99
10) Acenaphthylene	14.238	152	12351	0.426	ng/ul	99
11) Acenaphthene	14.580	153	9492	0.431	ng/ul	98
12) Fluorene	15.570	166	9918	0.430	ng/ul	99
14) Pentachlorophenol	16.917	266	2201	0.899	ng/ul#	51
15) Phenanthrene	17.314	178	14758	0.430	ng/ul	100
16) Anthracene	17.407	178	12500	0.433	ng/ul	100
19) Fluoranthene	19.332	202	15364	0.420	ng/ul	99
20) Pyrene	19.699	202	15872	0.424	ng/ul	98
21) Benzo(a)anthracene	21.455	228	12445	0.434	ng/ul	99
22) Chrysene	21.508	228	13937	0.444	ng/ul	100
24) Benzo(b)fluoranthene	23.118	252	13741	0.462	ng/ul	99
25) Benzo(k)fluoranthene	23.168	252	15060	0.457	ng/ul	98
26) Benzo(a)pyrene	23.735	252	12428	0.444	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.292	276	15591	0.459	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.322	278	12190	0.458	ng/ul	98
29) Benzo(g,h,i)perylene	27.036	276	14464	0.469	ng/ul	99

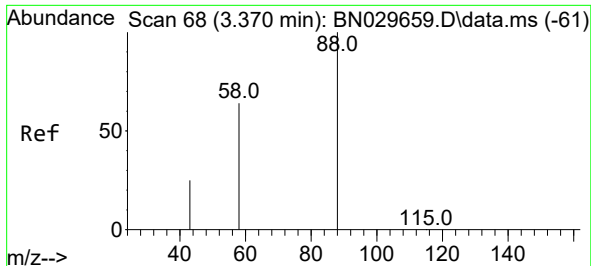
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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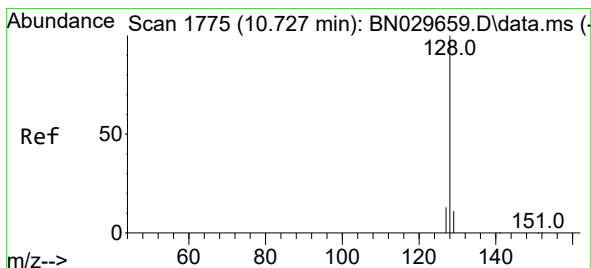
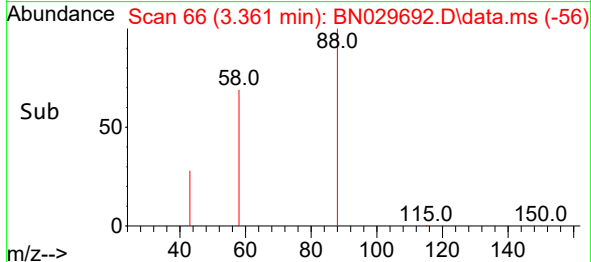
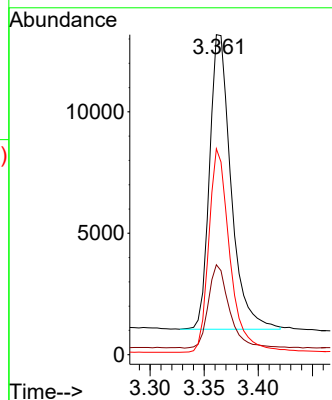
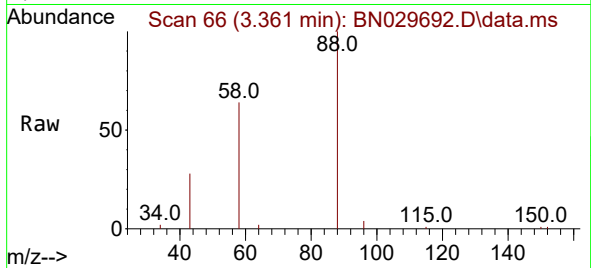




#2
1,4-Dioxane
Concen: 2.472 ng/ul
RT: 3.361 min Scan# 60
Delta R.T. -0.009 min
Lab File: BN029692.D
Acq: 11 Feb 2024 19:32

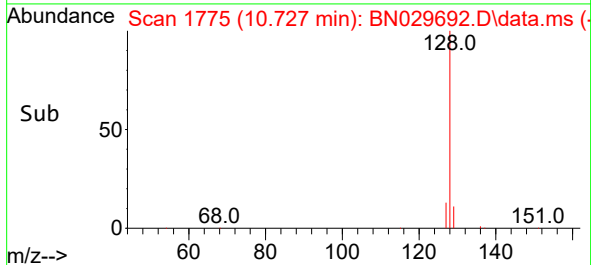
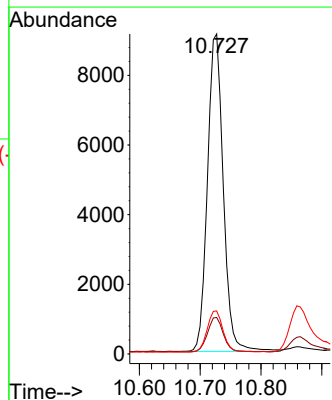
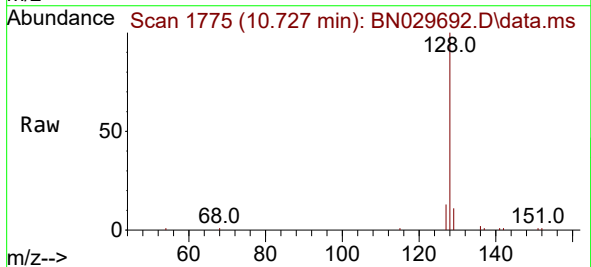
Instrument :
BNA_N
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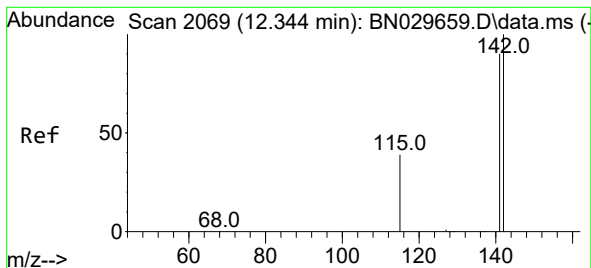
Tgt Ion: 88 Resp: 16741
Ion Ratio Lower Upper
88 100
43 28.1 21.8 32.6
58 64.4 39.3 58.9#



#5
Naphthalene
Concen: 0.426 ng/ul
RT: 10.727 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BN029692.D
Acq: 11 Feb 2024 19:32

Tgt Ion:128 Resp: 16436
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.4 11.0 16.6

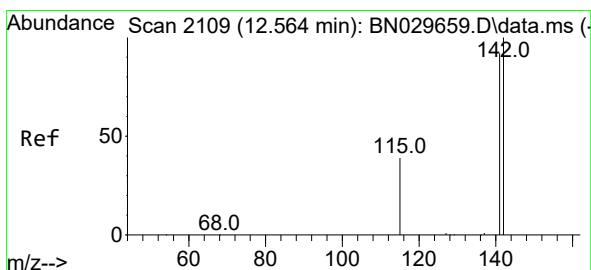
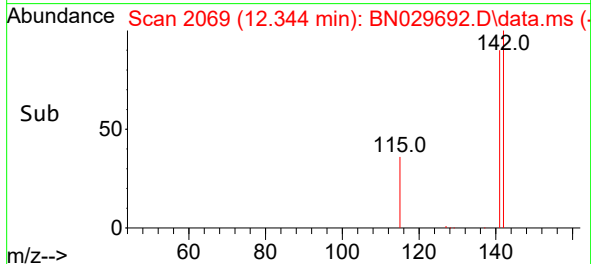
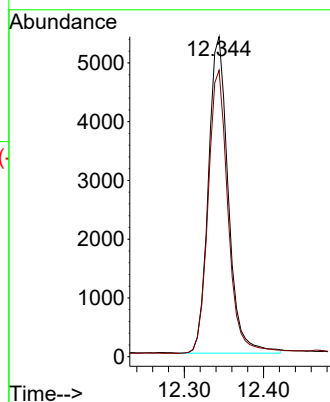
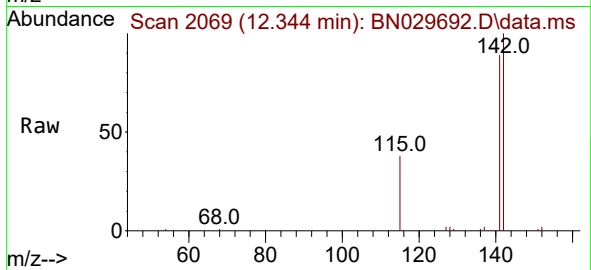




#7
2-Methylnaphthalene
Concen: 0.424 ng/ul
RT: 12.344 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BN029692.D
Acq: 11 Feb 2024 19:32

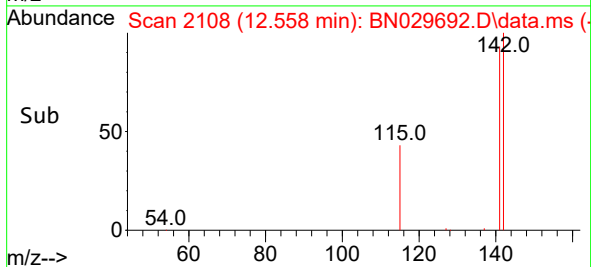
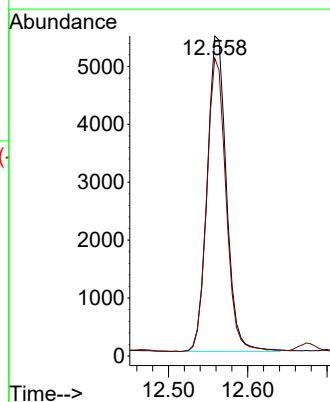
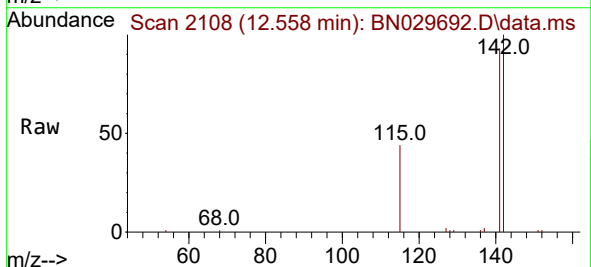
Instrument :
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ClientSampleId :
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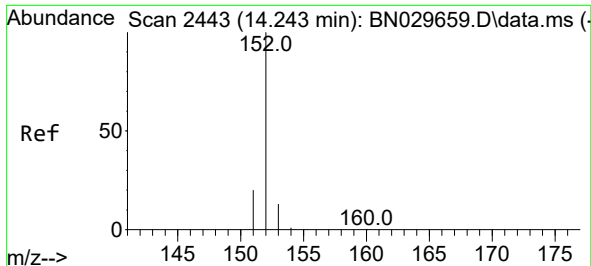
Tgt Ion:142 Resp: 9381
Ion Ratio Lower Upper
142 100
141 89.4 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.558 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BN029692.D
Acq: 11 Feb 2024 19:32

Tgt Ion:142 Resp: 9170
Ion Ratio Lower Upper
142 100
141 92.9 73.9 110.9

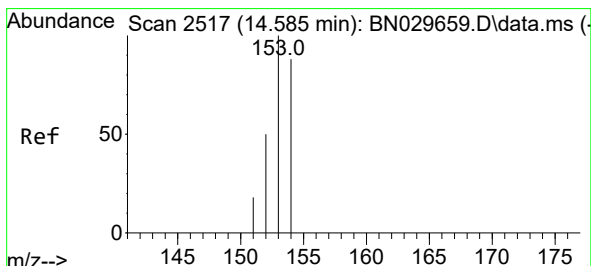
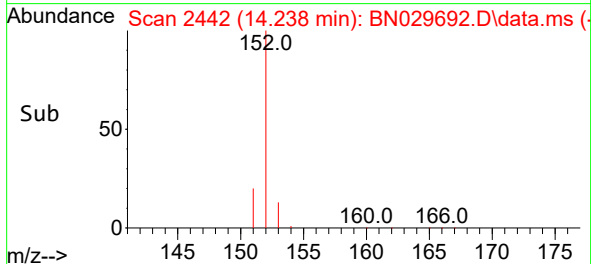
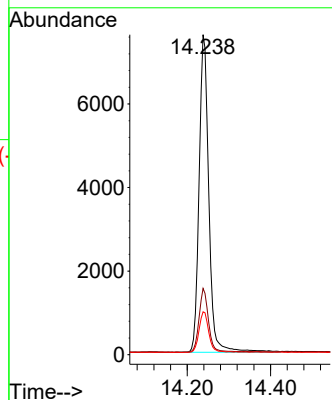
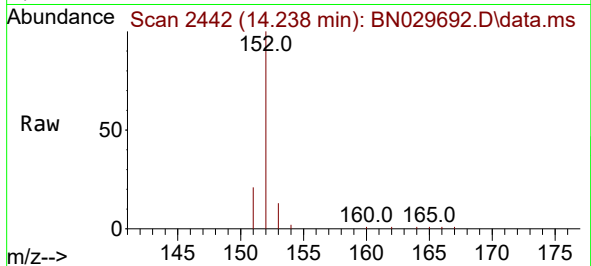




#10
Acenaphthylene
Concen: 0.426 ng/ul
RT: 14.238 min Scan# 2442
Delta R.T. -0.005 min
Lab File: BN029692.D
Acq: 11 Feb 2024 19:32

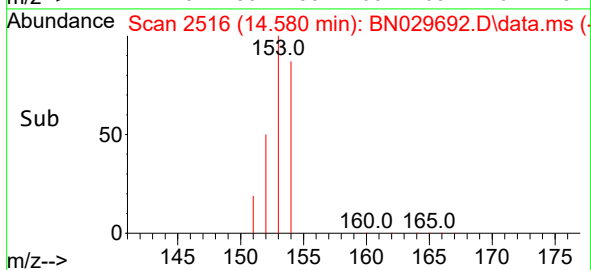
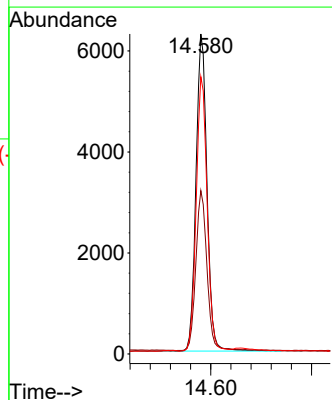
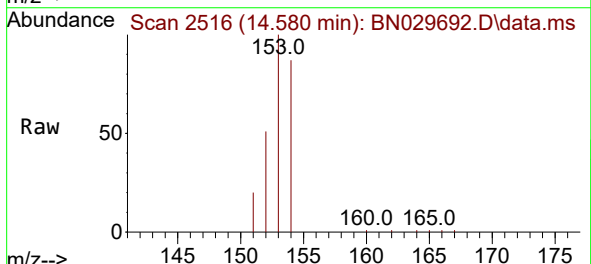
Instrument :
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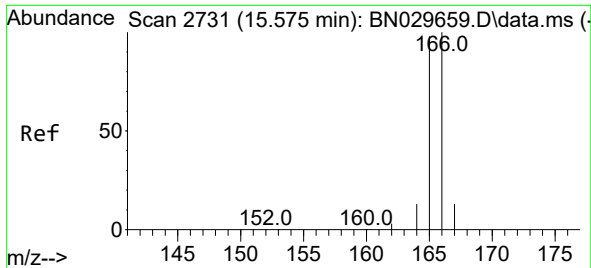
Tgt Ion:152 Resp: 12351
Ion Ratio Lower Upper
152 100
151 20.7 15.8 23.8
153 13.4 10.9 16.3



#11
Acenaphthene
Concen: 0.431 ng/ul
RT: 14.580 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BN029692.D
Acq: 11 Feb 2024 19:32

Tgt Ion:153 Resp: 9492
Ion Ratio Lower Upper
153 100
152 51.1 41.5 62.3
154 86.6 70.9 106.3

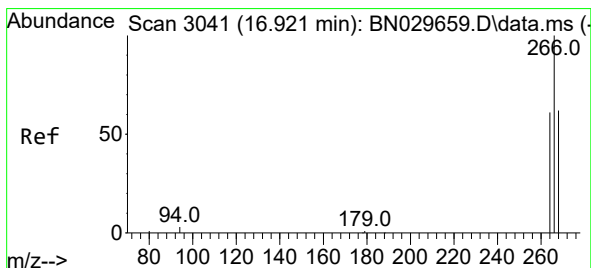
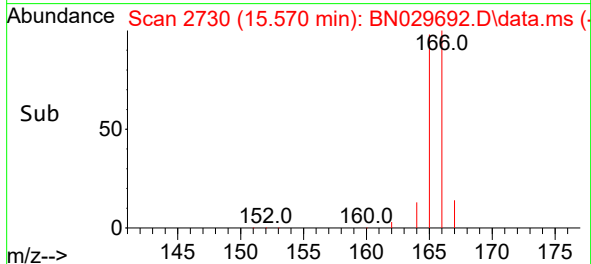
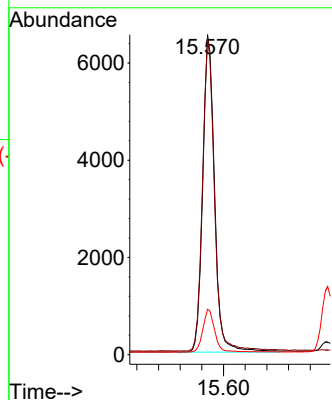
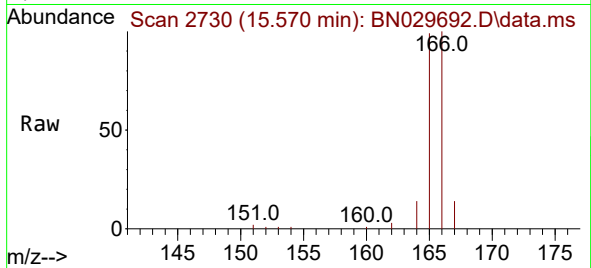




#12
 Fluorene
 Concen: 0.430 ng/ul
 RT: 15.570 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN029692.D
 Acq: 11 Feb 2024 19:32

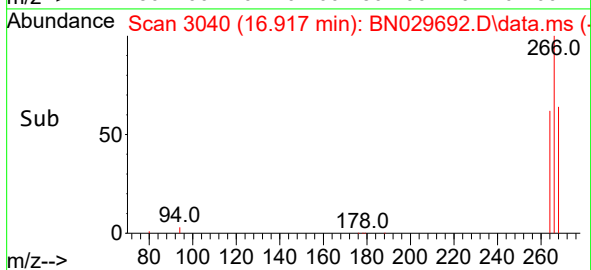
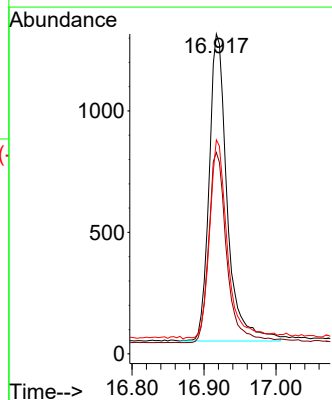
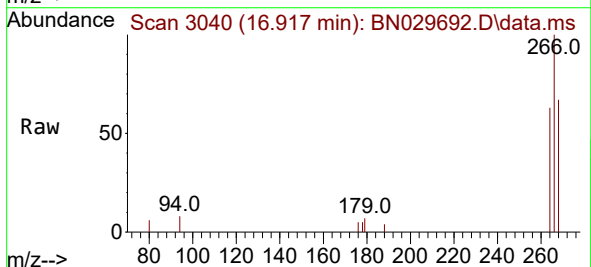
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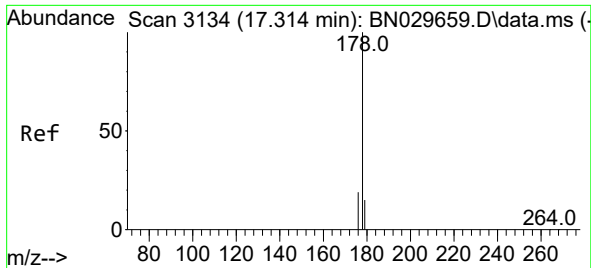
Tgt Ion:166 Resp: 9918
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.6 117.8
 167 14.2 11.5 17.3



#14
 Pentachlorophenol
 Concen: 0.899 ng/ul
 RT: 16.917 min Scan# 3040
 Delta R.T. -0.004 min
 Lab File: BN029692.D
 Acq: 11 Feb 2024 19:32

Tgt Ion:266 Resp: 2201
 Ion Ratio Lower Upper
 266 100
 264 62.2 0.0 0.0#
 268 62.9 0.2 0.2#

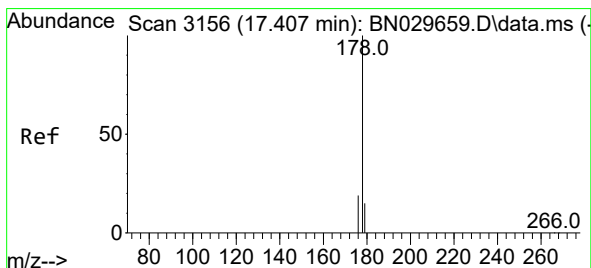
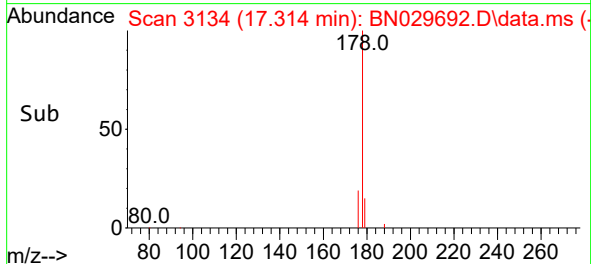
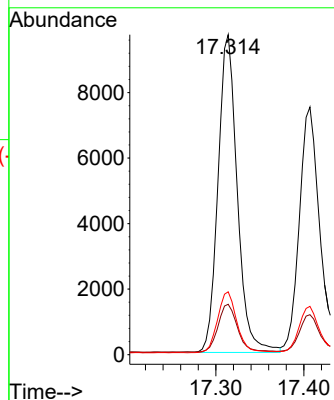
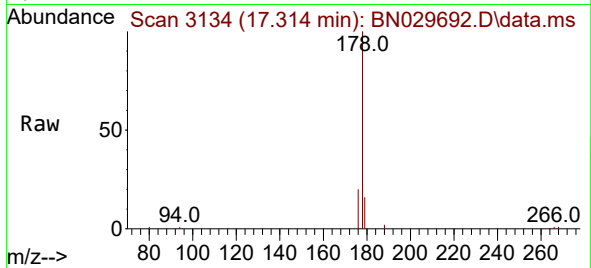




#15
Phenanthrene
Concen: 0.430 ng/ul
RT: 17.314 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BN029692.D
Acq: 11 Feb 2024 19:32

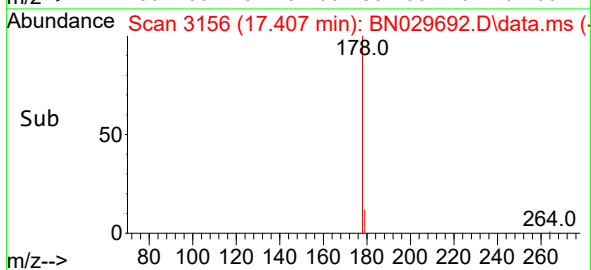
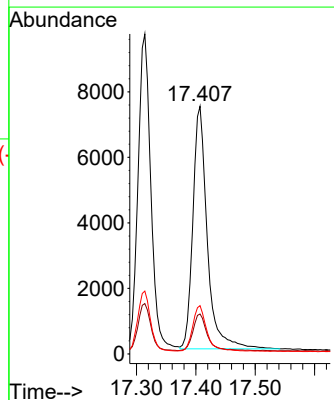
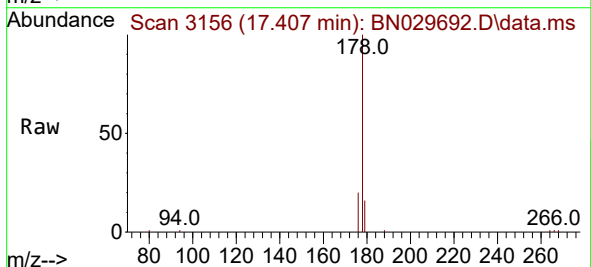
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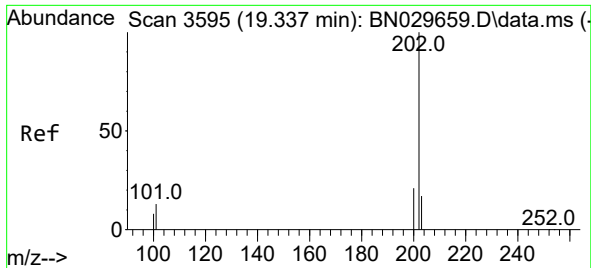
Tgt Ion:178 Resp: 14758
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.6 15.7 23.5



#16
Anthracene
Concen: 0.433 ng/ul
RT: 17.407 min Scan# 3156
Delta R.T. -0.000 min
Lab File: BN029692.D
Acq: 11 Feb 2024 19:32

Tgt Ion:178 Resp: 12500
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.5 15.8 23.8

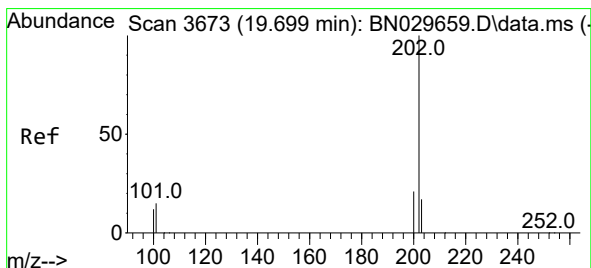
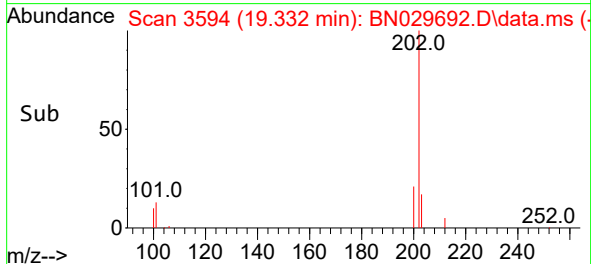
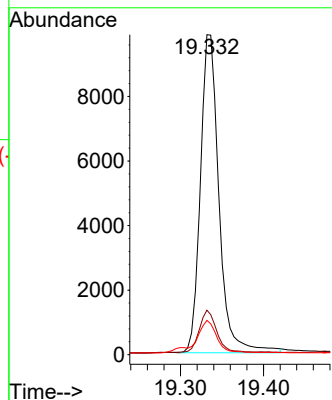
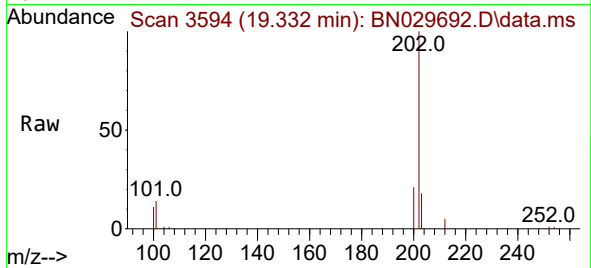




#19
Fluoranthene
Concen: 0.420 ng/ul
RT: 19.332 min Scan# 3594
Delta R.T. -0.005 min
Lab File: BN029692.D
Acq: 11 Feb 2024 19:32

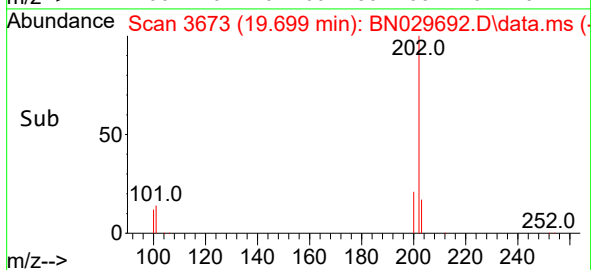
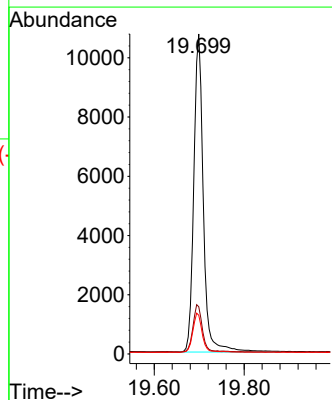
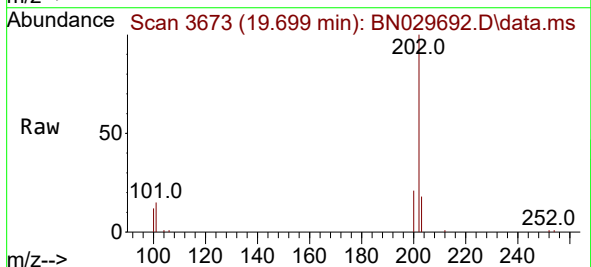
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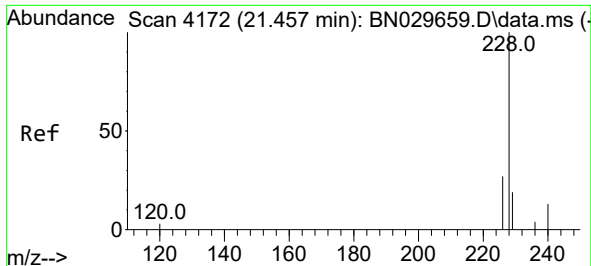
Tgt Ion:202 Resp: 15364
Ion Ratio Lower Upper
202 100
101 13.9 10.4 15.6
100 10.7 8.5 12.7



#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.699 min Scan# 3673
Delta R.T. -0.000 min
Lab File: BN029692.D
Acq: 11 Feb 2024 19:32

Tgt Ion:202 Resp: 15872
Ion Ratio Lower Upper
202 100
101 14.7 12.5 18.7
100 12.1 10.0 15.0

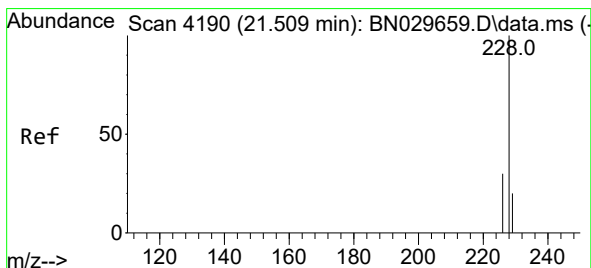
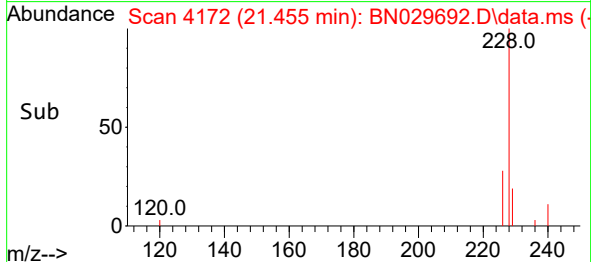
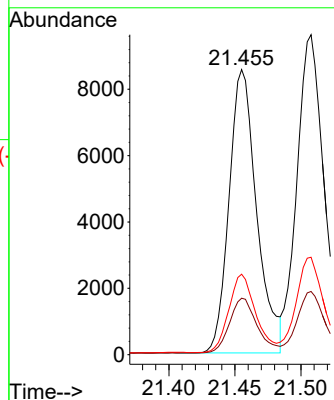
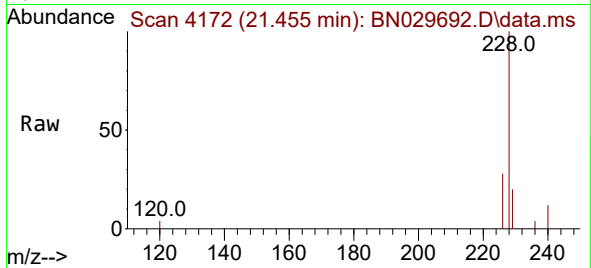




#21
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.455 min Scan# 4172
Delta R.T. -0.002 min
Lab File: BN029692.D
Acq: 11 Feb 2024 19:32

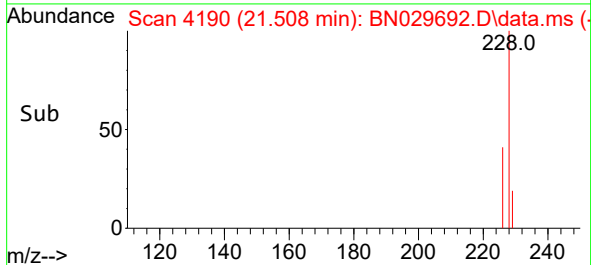
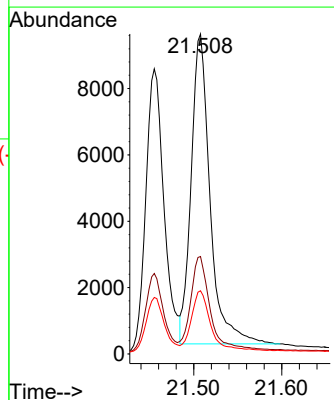
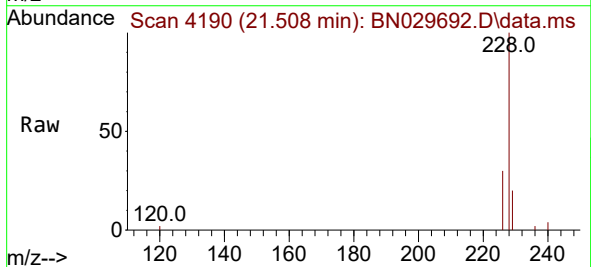
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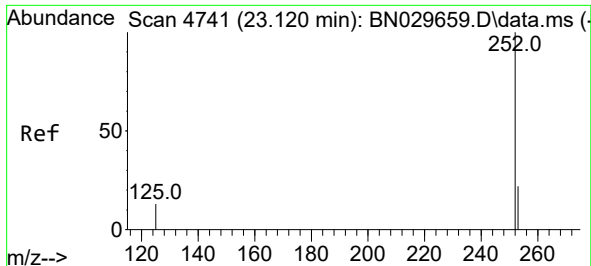
Tgt Ion:228 Resp: 12445
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 28.2 22.2 33.4



#22
Chrysene
Concen: 0.444 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.002 min
Lab File: BN029692.D
Acq: 11 Feb 2024 19:32

Tgt Ion:228 Resp: 13937
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.8 15.7 23.5

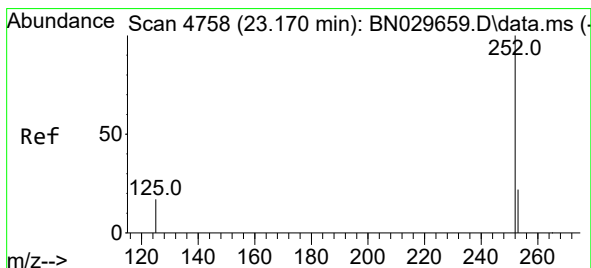
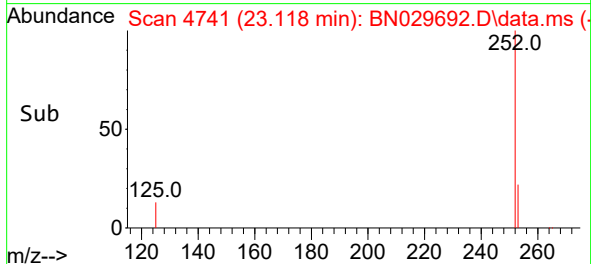
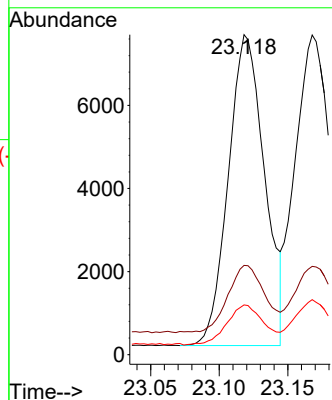
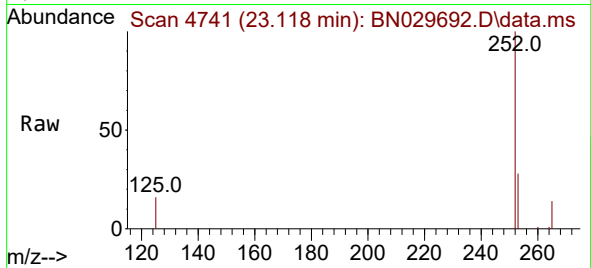




#24
Benzo(b)fluoranthene
Concen: 0.462 ng/ul
RT: 23.118 min Scan# 4741
Delta R.T. -0.002 min
Lab File: BN029692.D
Acq: 11 Feb 2024 19:32

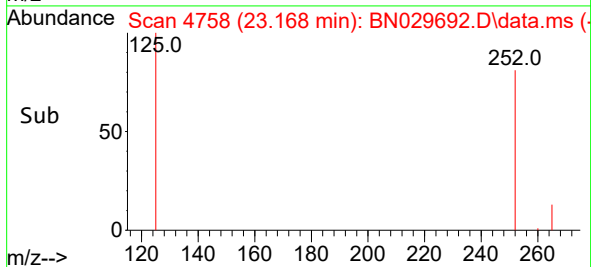
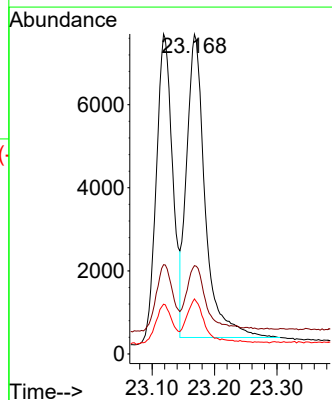
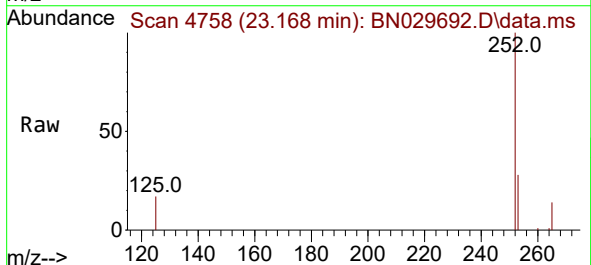
Instrument :
BNA_N
ClientSampleId :
SLCS926

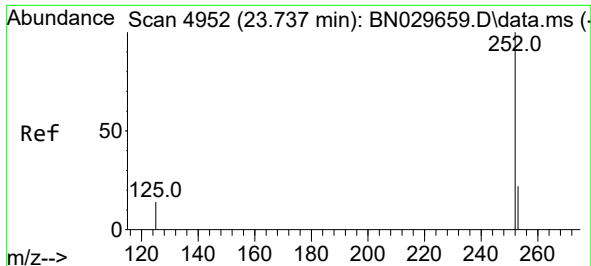
Tgt Ion:252 Resp: 13741
Ion Ratio Lower Upper
252 100
253 27.9 0.0 56.8
125 15.6 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.457 ng/ul
RT: 23.168 min Scan# 4758
Delta R.T. -0.002 min
Lab File: BN029692.D
Acq: 11 Feb 2024 19:32

Tgt Ion:252 Resp: 15060
Ion Ratio Lower Upper
252 100
253 27.6 22.6 33.8
125 17.2 15.3 22.9

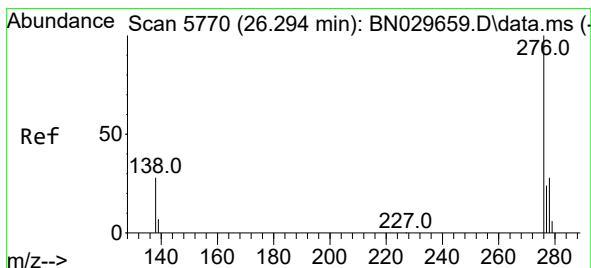
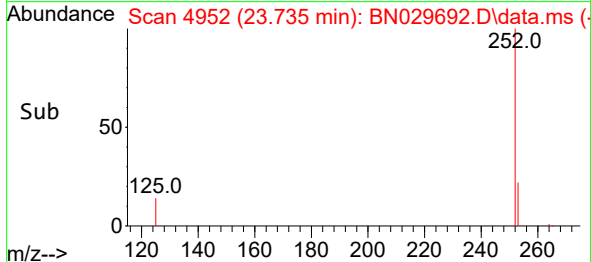
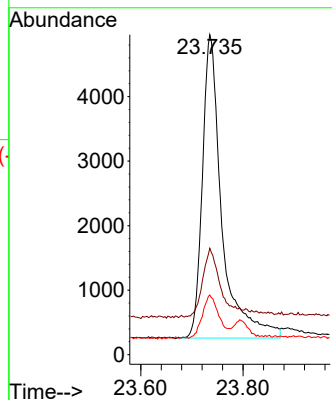
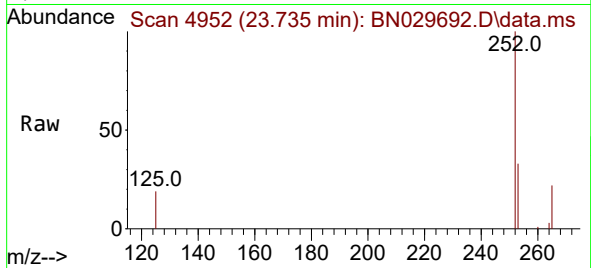




#26
Benzo(a)pyrene
Concen: 0.444 ng/ul
RT: 23.735 min Scan# 4952
Delta R.T. -0.002 min
Lab File: BN029692.D
Acq: 11 Feb 2024 19:32

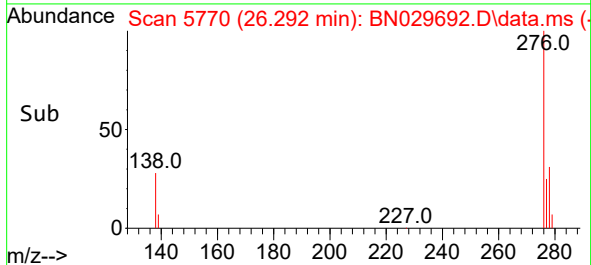
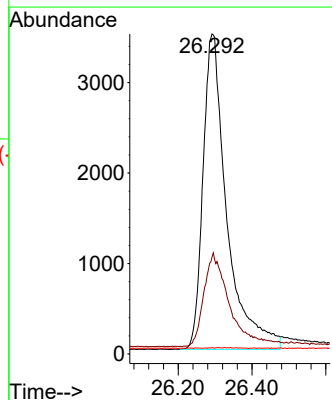
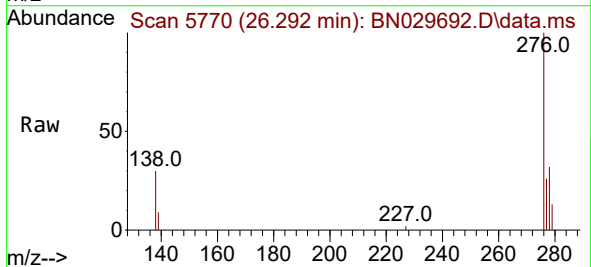
Instrument :
BNA_N
ClientSampleId :
SLCS926

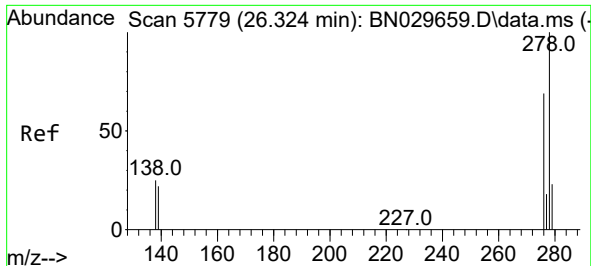
Tgt Ion:252 Resp: 12428
Ion Ratio Lower Upper
252 100
253 33.3 25.4 38.0
125 18.6 16.0 24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.459 ng/ul
RT: 26.292 min Scan# 5770
Delta R.T. -0.002 min
Lab File: BN029692.D
Acq: 11 Feb 2024 19:32

Tgt Ion:276 Resp: 15591
Ion Ratio Lower Upper
276 100
138 31.7 0.0 0.0#
227 0.0 0.0 0.0#

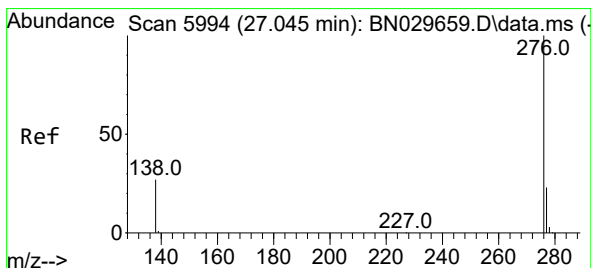
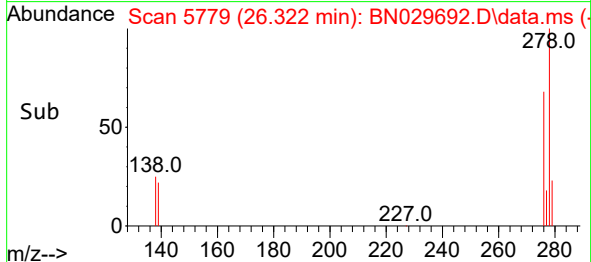
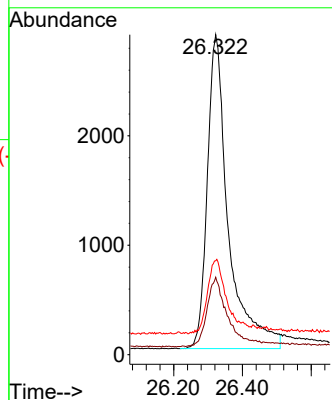
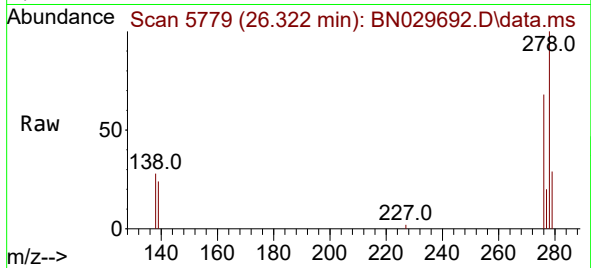




#28
Dibenzo(a,h)anthracene
Concen: 0.458 ng/ul
RT: 26.322 min Scan# 51
Delta R.T. -0.002 min
Lab File: BN029692.D
Acq: 11 Feb 2024 19:32

Instrument :
BNA_N
ClientSampleId :
SLCS926

Tgt Ion:278 Resp: 12190
Ion Ratio Lower Upper
278 100
139 24.2 19.0 28.4
279 29.4 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.469 ng/ul
RT: 27.036 min Scan# 5992
Delta R.T. -0.009 min
Lab File: BN029692.D
Acq: 11 Feb 2024 19:32

Tgt Ion:276 Resp: 14464
Ion Ratio Lower Upper
276 100
138 29.3 24.6 37.0
277 24.6 19.7 29.5

