

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032336.D
 Acq On : 29 Jun 2024 05:05
 Operator : MA/JU
 Sample : PB161562BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS562

Quant Time: Jun 29 05:42:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

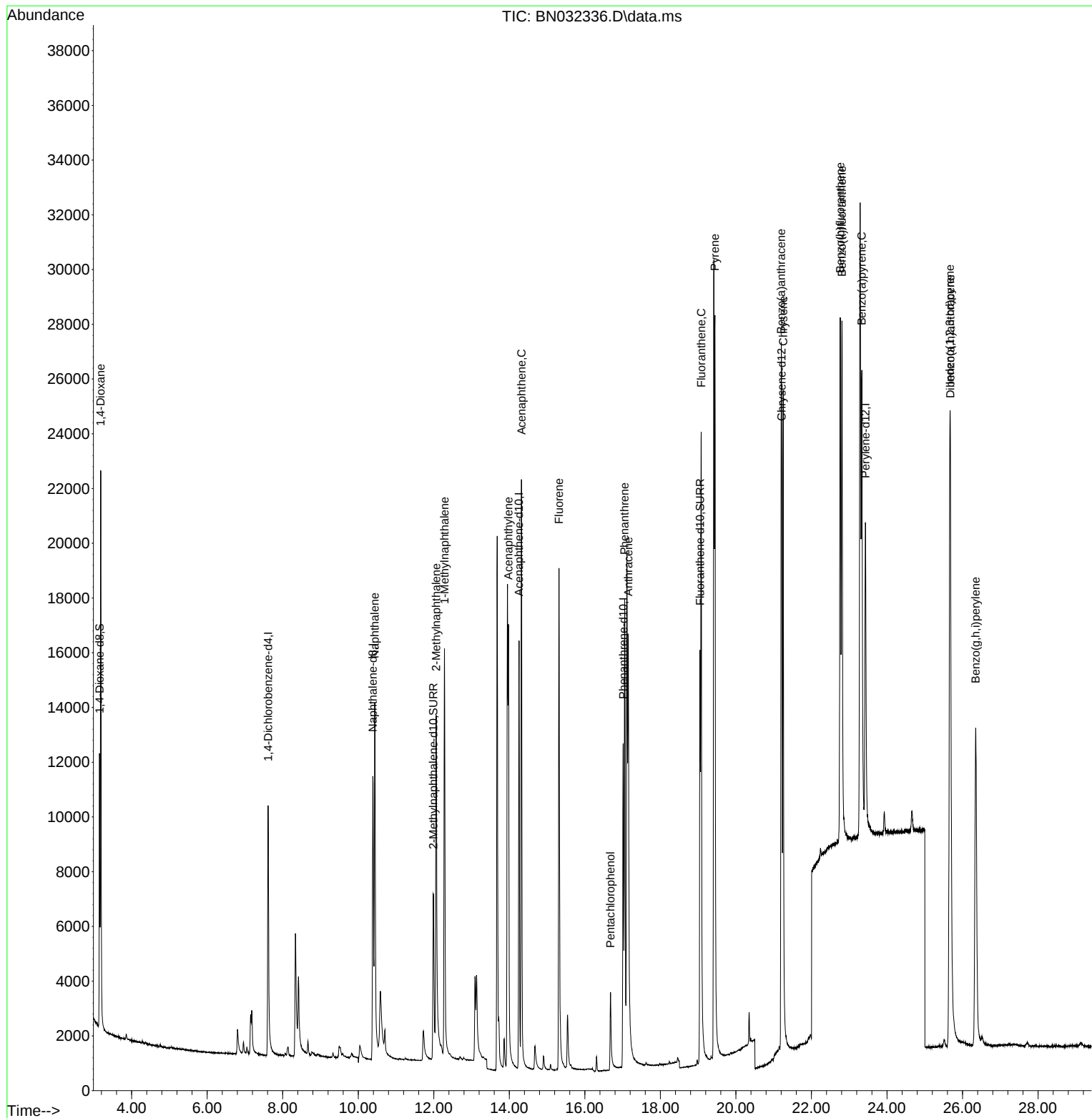
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	5908	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	17592	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	9345	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	16805	0.400	ng/ul	0.00
17) Chrysene-d12	21.214	240	14003	0.400	ng/ul	#-0.01
23) Perylene-d12	23.430	264	16739	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	6723	1.024	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	11741	0.445	ng/ul	-0.01
18) Fluoranthene-d10	19.050	212	19829	0.471	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.181	88	14171	1.896	ng/ul#	88
5) Naphthalene	10.437	128	20810	0.447	ng/ul	100
7) 2-Methylnaphthalene	12.065	142	12480	0.404	ng/ul	100
8) 1-Methylnaphthalene	12.285	142	12171	0.380	ng/ul	98
10) Acenaphthylene	13.976	152	18734	0.482	ng/ul	99
11) Acenaphthene	14.323	153	13570	0.450	ng/ul	99
12) Fluorene	15.317	166	14203	0.395	ng/ul	99
14) Pentachlorophenol	16.678	266	3024	0.795	ng/ul	99
15) Phenanthrene	17.054	178	20660	0.448	ng/ul	99
16) Anthracene	17.151	178	19719	0.480	ng/ul	98
19) Fluoranthene	19.083	202	23194	0.435	ng/ul	99
20) Pyrene	19.445	202	24589	0.441	ng/ul	100
21) Benzo(a)anthracene	21.200	228	22827	0.452	ng/ul	99
22) Chrysene	21.252	228	24350	0.439	ng/ul	98
24) Benzo(b)fluoranthene	22.763	252	25820	0.355	ng/ul	94
25) Benzo(k)fluoranthene	22.807	252	26124	0.370	ng/ul#	94
26) Benzo(a)pyrene	23.333	252	25413	0.502	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.666	276	32474	0.410	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.680	278	25494	0.433	ng/ul	96
29) Benzo(g,h,i)perylene	26.351	276	27014	0.428	ng/ul	98

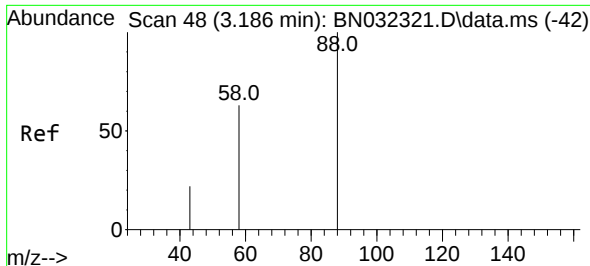
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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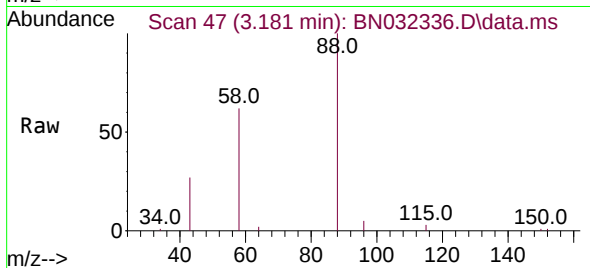
Quant Time: Jun 29 05:42:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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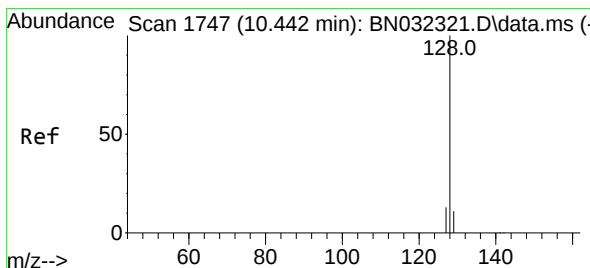
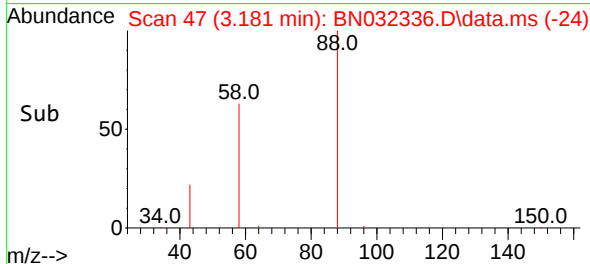
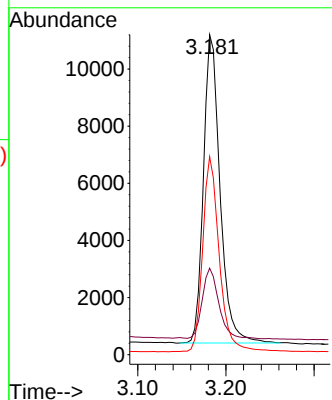


#2
1,4-Dioxane
Concen: 1.896 ng/ul
RT: 3.181 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN032336.D
Acq: 29 Jun 2024 05:05

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BNA_N
ClientSampleId :
SLCS562

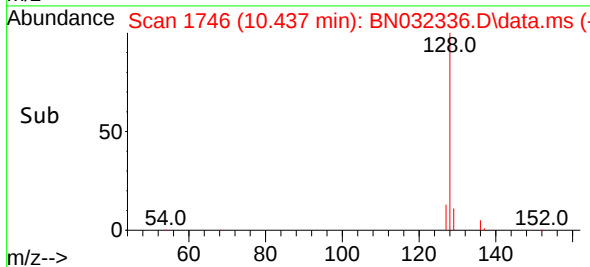
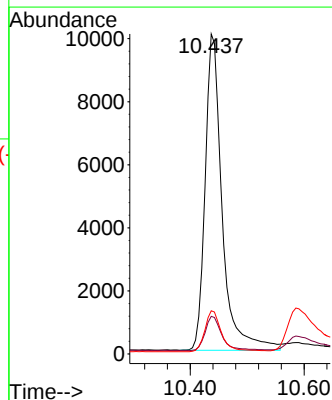
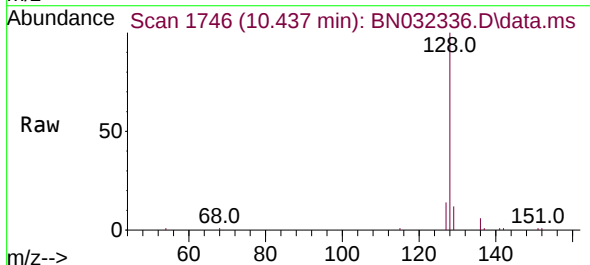


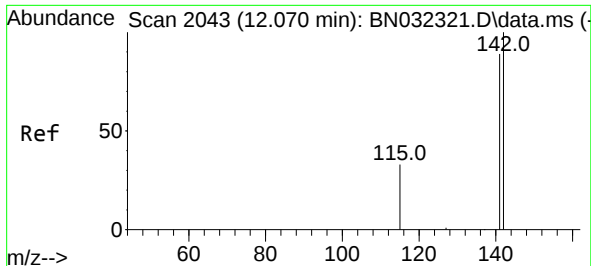
Tgt Ion: 88 Resp: 14171
Ion Ratio Lower Upper
88 100
43 27.1 28.4 42.6#
58 61.8 43.3 64.9



#5
Naphthalene
Concen: 0.447 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032336.D
Acq: 29 Jun 2024 05:05

Tgt Ion:128 Resp: 20810
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.5 10.8 16.2

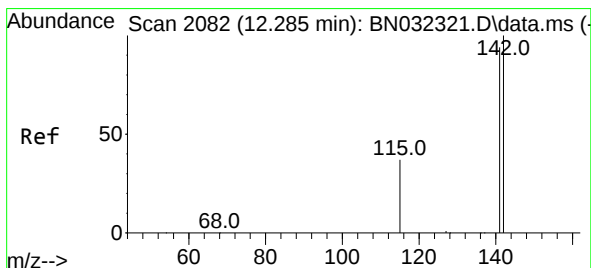
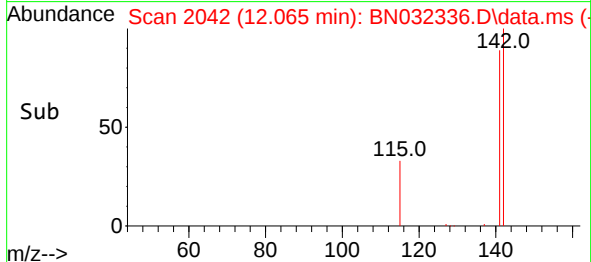
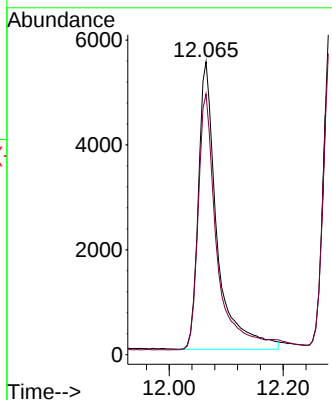
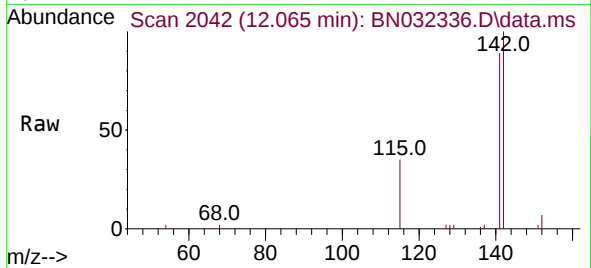




#7
2-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.065 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BN032336.D
Acq: 29 Jun 2024 05:05

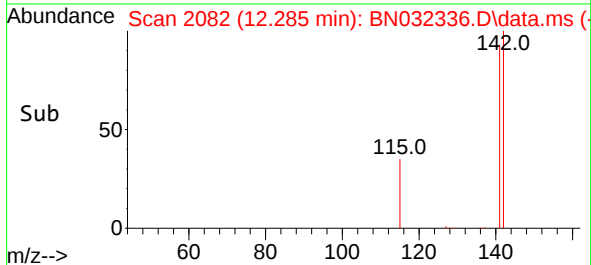
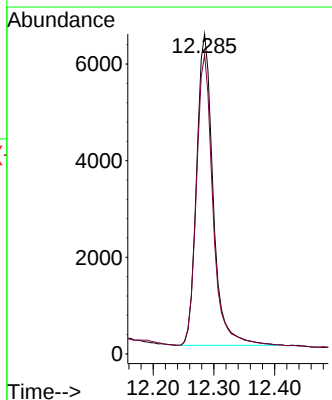
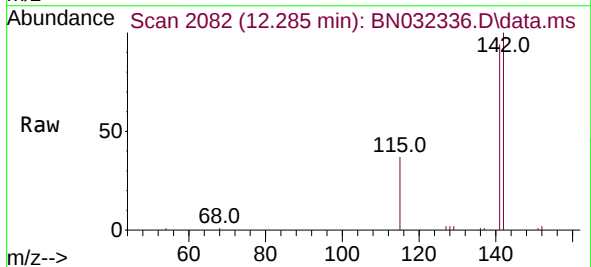
Instrument :
BNA_N
ClientSampleId :
SLCS562

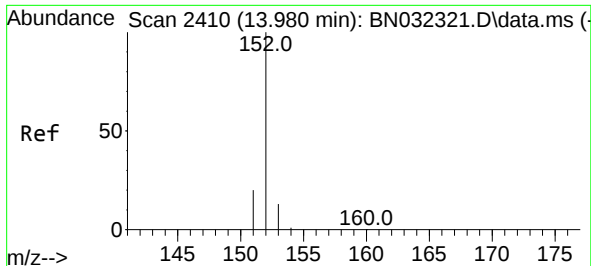
Tgt Ion:142 Resp: 12480
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.285 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BN032336.D
Acq: 29 Jun 2024 05:05

Tgt Ion:142 Resp: 12171
Ion Ratio Lower Upper
142 100
141 93.3 73.4 110.0

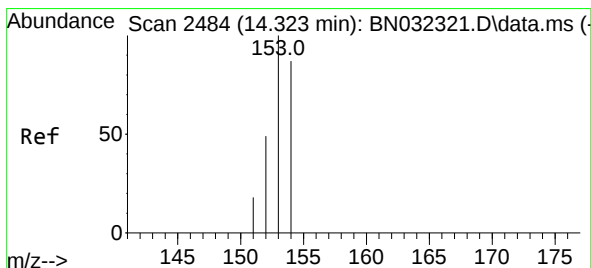
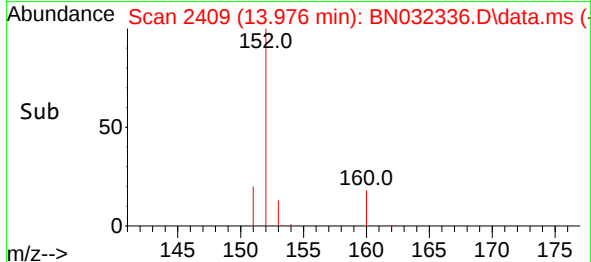
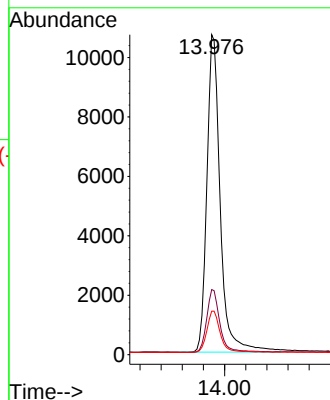
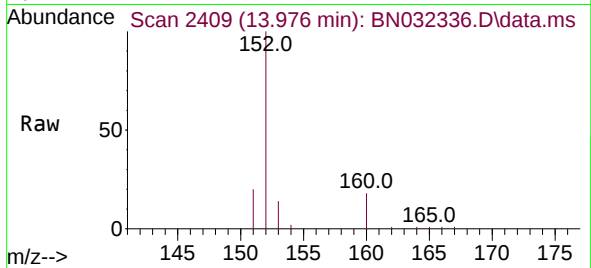




#10
Acenaphthylene
Concen: 0.482 ng/ul
RT: 13.976 min Scan# 2410
Delta R.T. -0.014 min
Lab File: BN032336.D
Acq: 29 Jun 2024 05:05

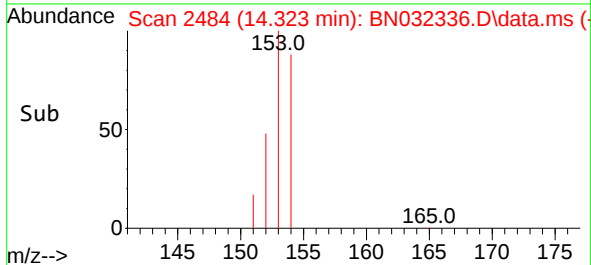
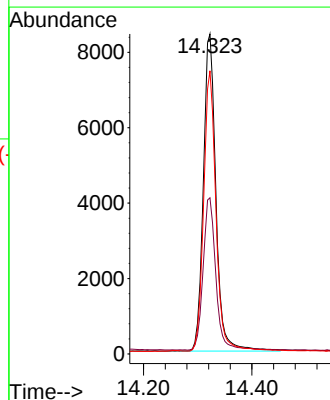
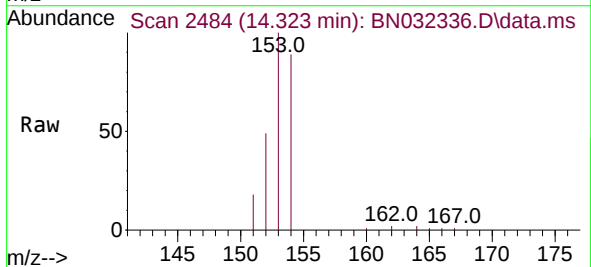
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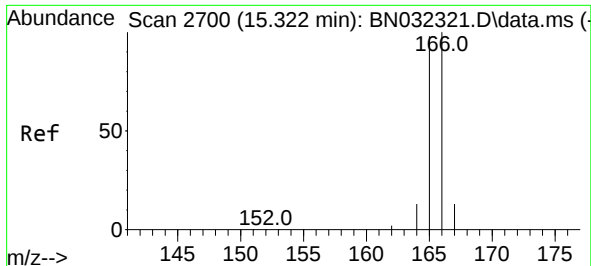
Tgt Ion:152 Resp: 18734
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.450 ng/ul
RT: 14.323 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN032336.D
Acq: 29 Jun 2024 05:05

Tgt Ion:153 Resp: 13570
Ion Ratio Lower Upper
153 100
152 48.8 39.5 59.3
154 88.5 71.7 107.5

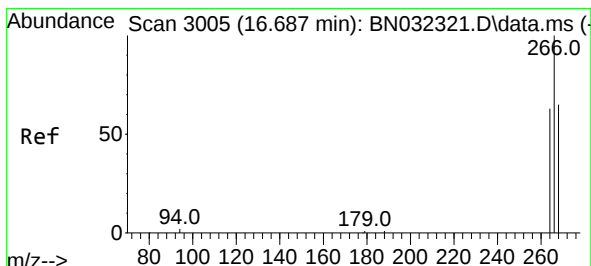
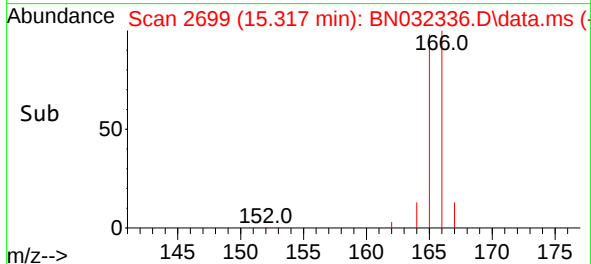
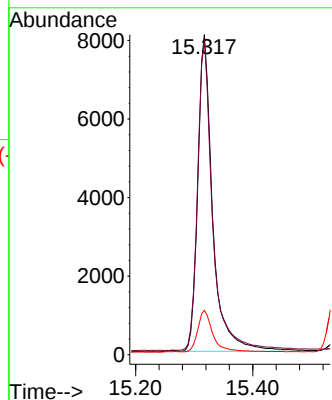
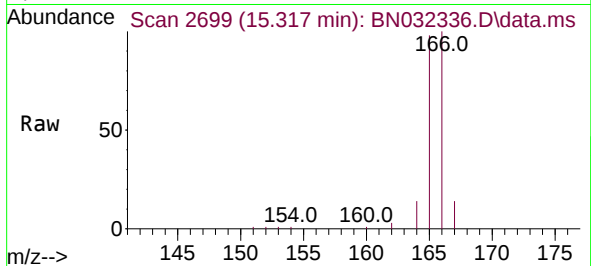




#12
Fluorene
Concen: 0.395 ng/ul
RT: 15.317 min Scan# 2699
Delta R.T. -0.009 min
Lab File: BN032336.D
Acq: 29 Jun 2024 05:05

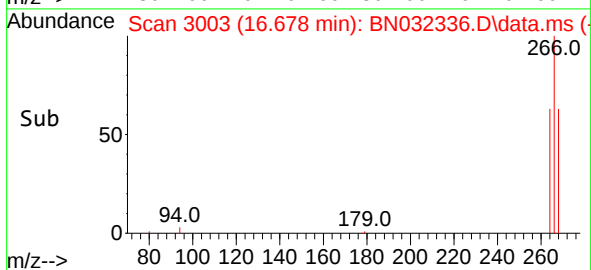
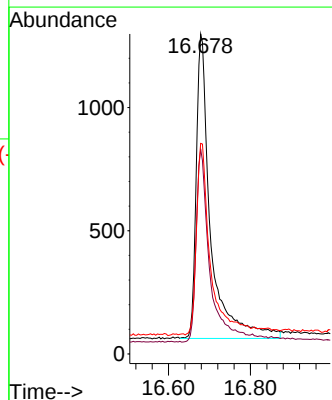
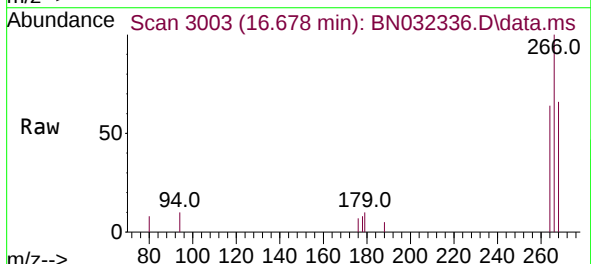
Instrument :
BNA_N
ClientSampleId :
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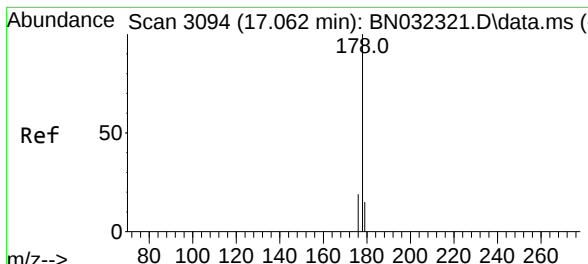
Tgt Ion:166 Resp: 14203
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.6
167 13.9 11.0 16.6



#14
Pentachlorophenol
Concen: 0.795 ng/ul
RT: 16.678 min Scan# 3003
Delta R.T. -0.021 min
Lab File: BN032336.D
Acq: 29 Jun 2024 05:05

Tgt Ion:266 Resp: 3024
Ion Ratio Lower Upper
266 100
264 62.7 49.9 74.9
268 64.2 52.4 78.6

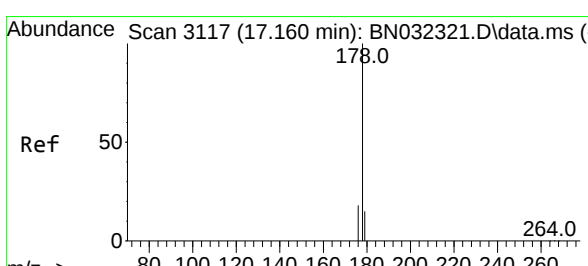
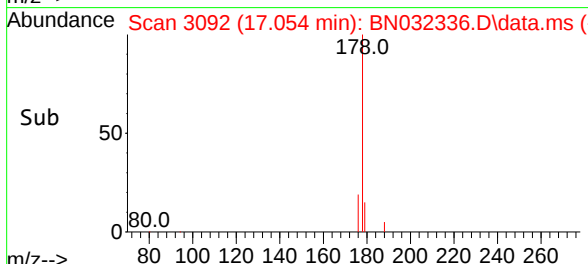
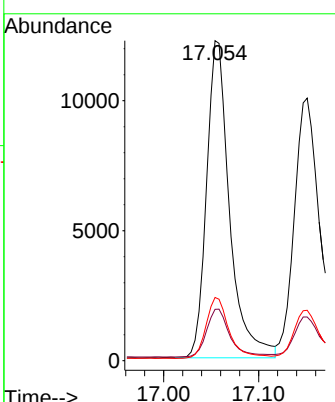
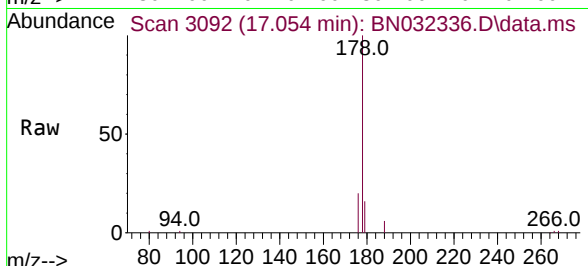




#15
 Phenanthrene
 Concen: 0.448 ng/ul
 RT: 17.054 min Scan# 3092
 Delta R.T. -0.013 min
 Lab File: BN032336.D
 Acq: 29 Jun 2024 05:05

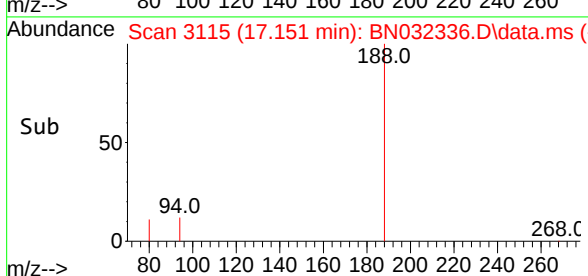
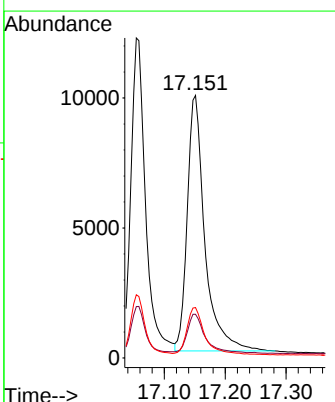
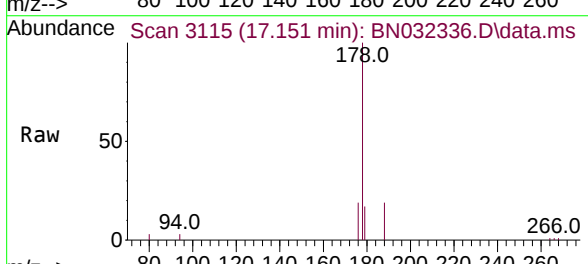
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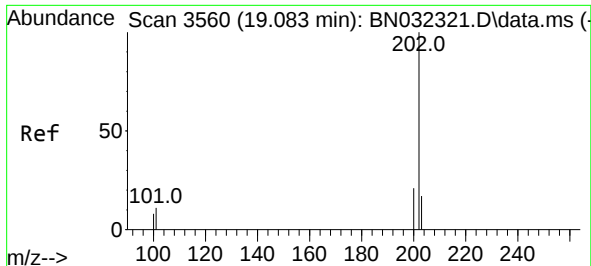
Tgt Ion:	178	Resp:	20660
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.6	18.8
176	19.7	15.6	23.4



#16
 Anthracene
 Concen: 0.480 ng/ul
 RT: 17.151 min Scan# 3115
 Delta R.T. -0.008 min
 Lab File: BN032336.D
 Acq: 29 Jun 2024 05:05

Tgt Ion:	178	Resp:	19719
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.5	18.7
176	19.2	15.0	22.6

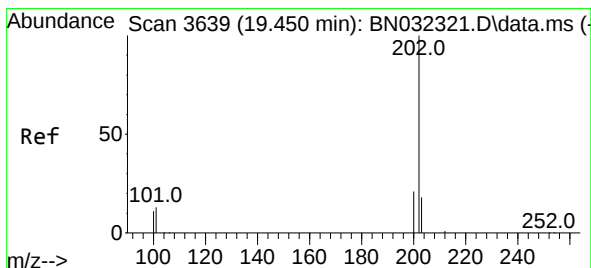
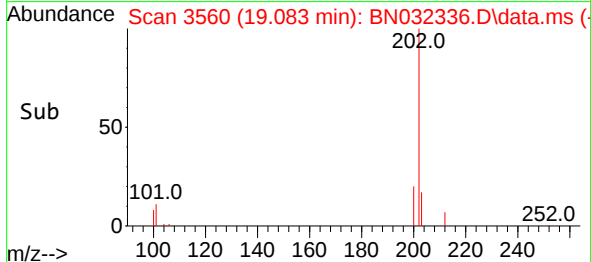
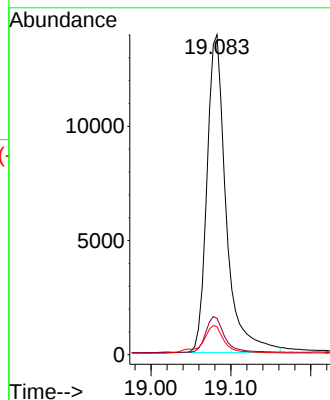
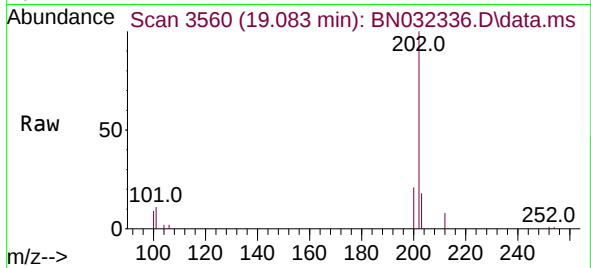




#19
Fluoranthene
Concen: 0.435 ng/ul
RT: 19.083 min Scan# 3560
Delta R.T. -0.009 min
Lab File: BN032336.D
Acq: 29 Jun 2024 05:05

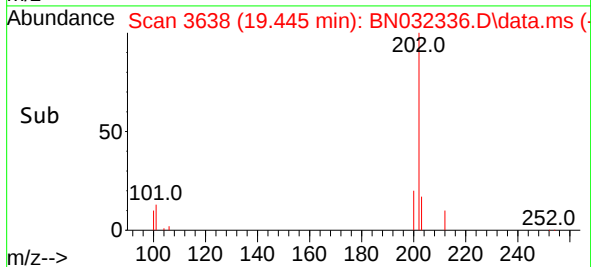
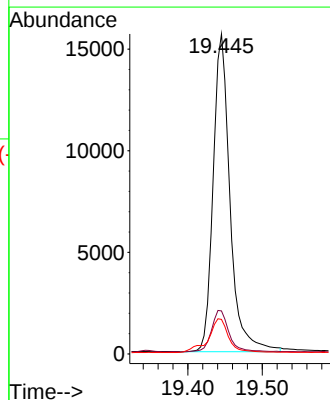
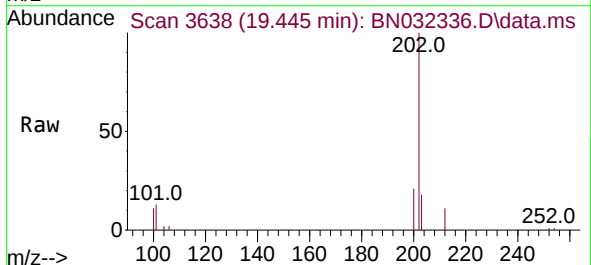
Instrument :
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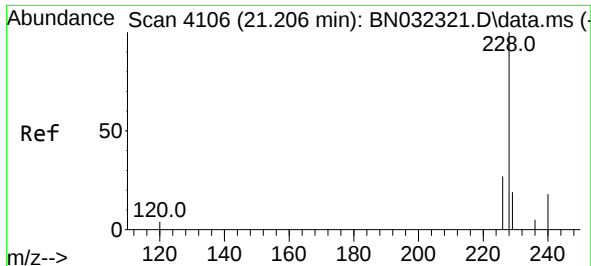
Tgt Ion:202 Resp: 23194
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 8.7 6.4 9.6



#20
Pyrene
Concen: 0.441 ng/ul
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032336.D
Acq: 29 Jun 2024 05:05

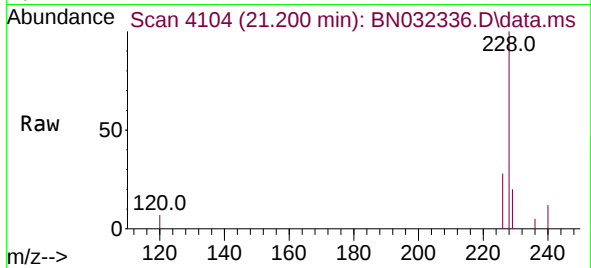
Tgt Ion:202 Resp: 24589
Ion Ratio Lower Upper
202 100
101 13.5 11.0 16.4
100 10.8 8.7 13.1



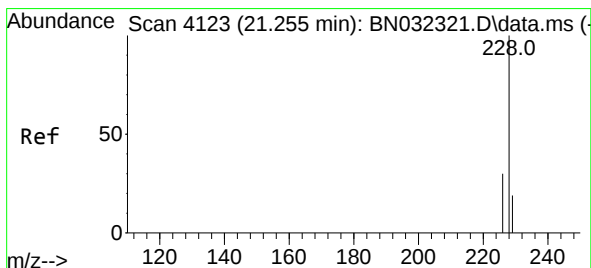
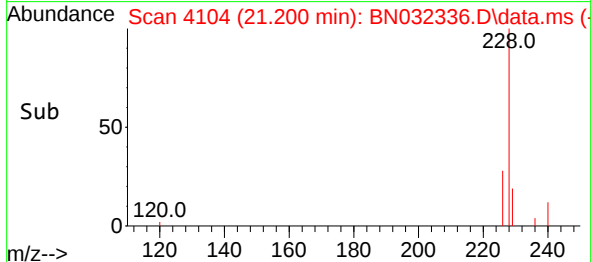
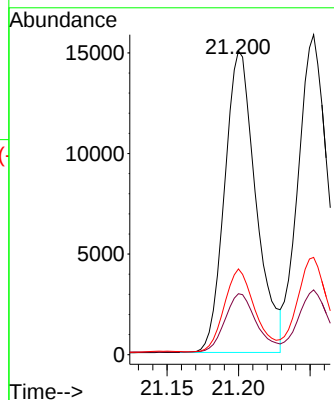


#21
Benzo(a)anthracene
Concen: 0.452 ng/ul
RT: 21.200 min Scan# 4106
Delta R.T. -0.015 min
Lab File: BN032336.D
Acq: 29 Jun 2024 05:05

Instrument :
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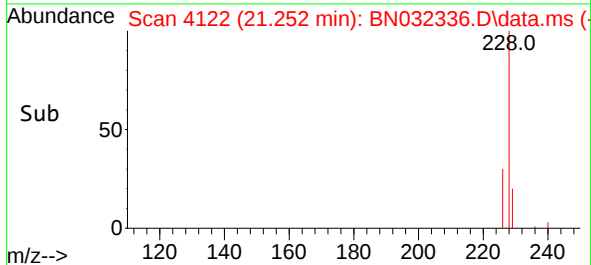
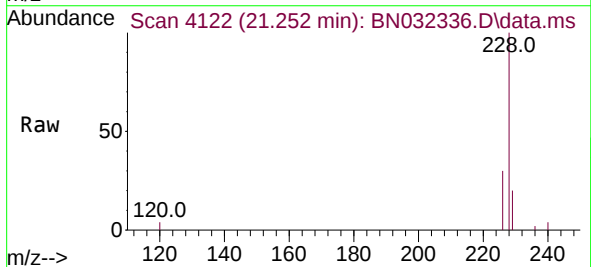
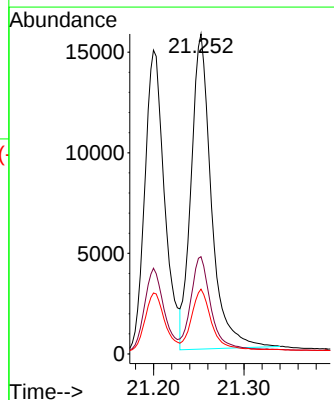


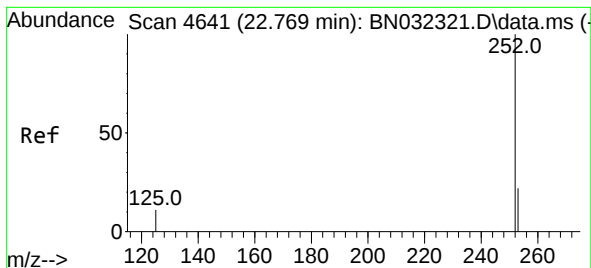
Tgt Ion:228 Resp: 22827
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 28.2 21.8 32.8



#22
Chrysene
Concen: 0.439 ng/ul
RT: 21.252 min Scan# 4122
Delta R.T. -0.015 min
Lab File: BN032336.D
Acq: 29 Jun 2024 05:05

Tgt Ion:228 Resp: 24350
Ion Ratio Lower Upper
228 100
226 30.4 23.6 35.4
229 20.3 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.355 ng/ul

RT: 22.763 min Scan# 4639

Delta R.T. -0.020 min

Lab File: BN032336.D

Acq: 29 Jun 2024 05:05

Instrument :

BNA_N

ClientSampleId :

SLCS562

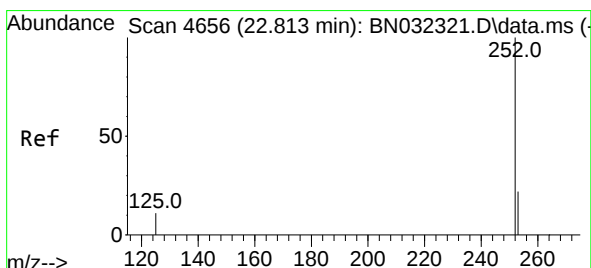
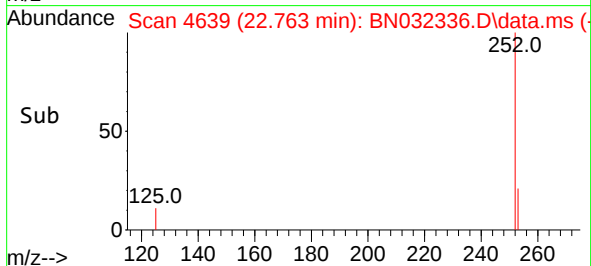
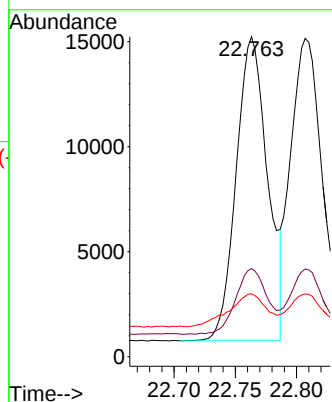
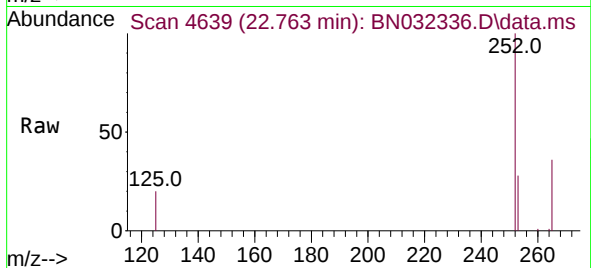
Tgt Ion:252 Resp: 25820

Ion Ratio Lower Upper

252 100

253 27.5 0.0 50.2

125 19.6 0.0 32.0



#25

Benzo(k)fluoranthene

Concen: 0.370 ng/ul

RT: 22.807 min Scan# 4654

Delta R.T. -0.020 min

Lab File: BN032336.D

Acq: 29 Jun 2024 05:05

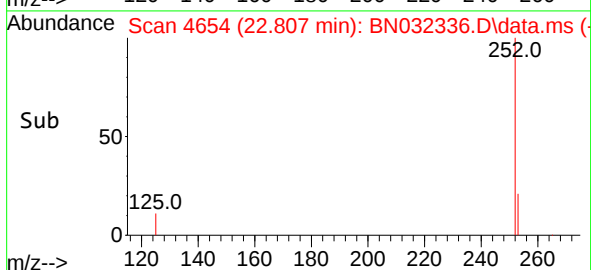
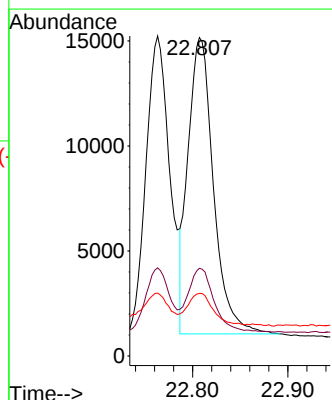
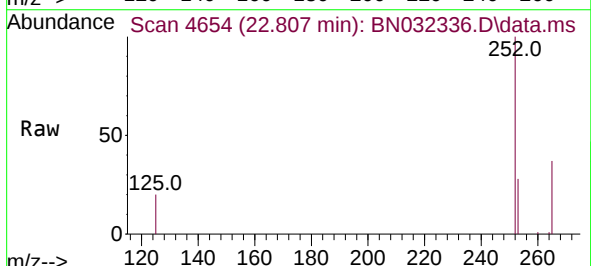
Tgt Ion:252 Resp: 26124

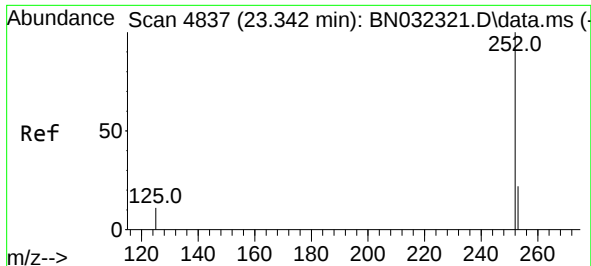
Ion Ratio Lower Upper

252 100

253 27.5 20.3 30.5

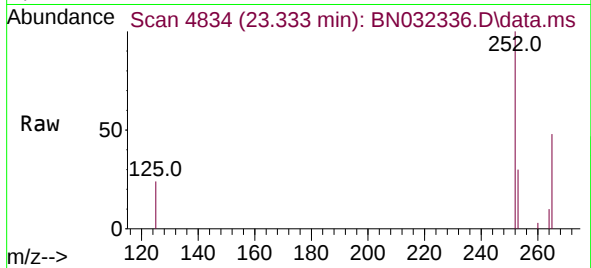
125 19.7 12.8 19.2#



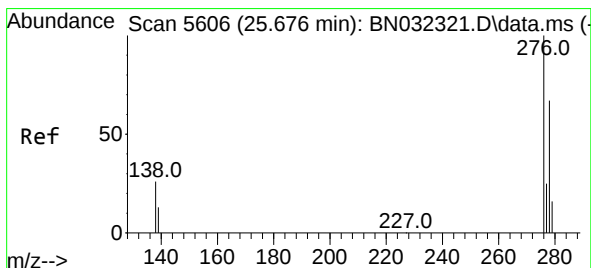
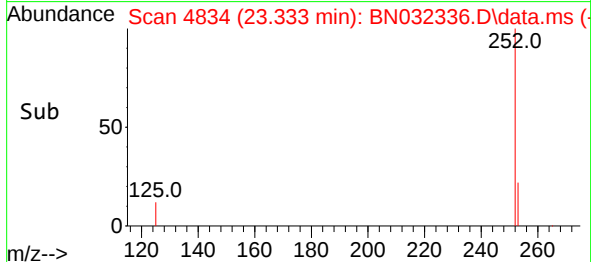
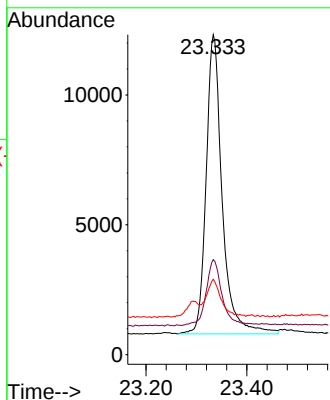


#26
Benzo(a)pyrene
Concen: 0.502 ng/ul
RT: 23.333 min Scan# 4834
Delta R.T. -0.026 min
Lab File: BN032336.D
Acq: 29 Jun 2024 05:05

Instrument :
BNA_N
ClientSampleId :
SLCS562

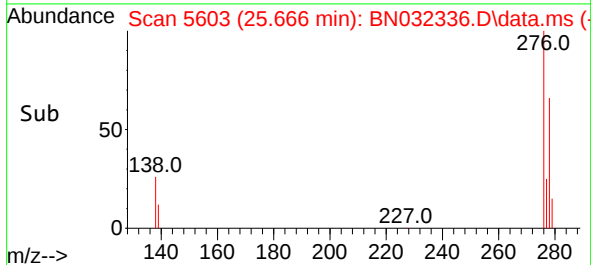
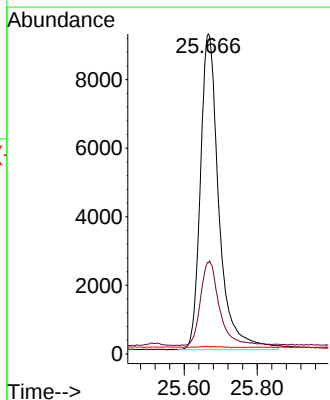
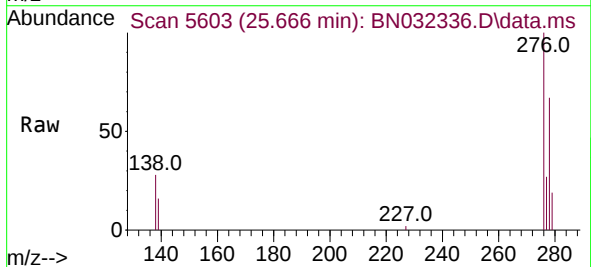


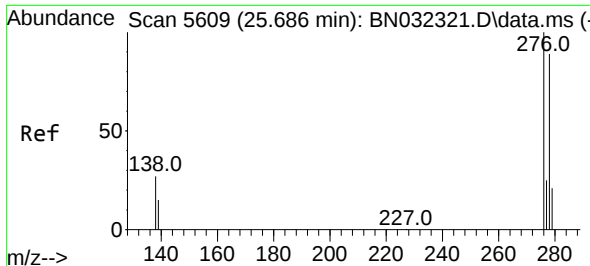
Tgt Ion:252 Resp: 25413
Ion Ratio Lower Upper
252 100
253 29.7 22.2 33.2
125 23.5 16.4 24.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng/ul
RT: 25.666 min Scan# 5603
Delta R.T. -0.034 min
Lab File: BN032336.D
Acq: 29 Jun 2024 05:05

Tgt Ion:276 Resp: 32474
Ion Ratio Lower Upper
276 100
138 27.1 21.3 31.9
227 0.1 0.1 0.1#

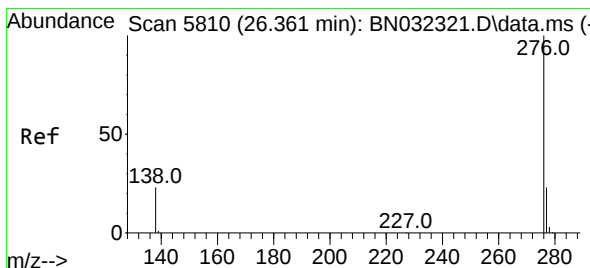
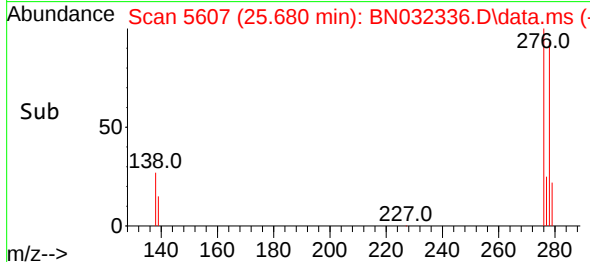
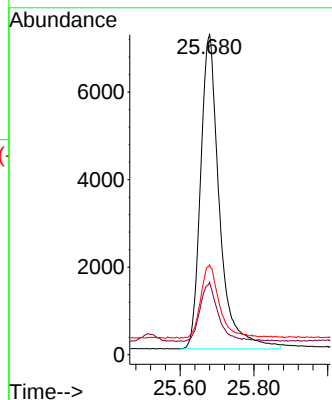
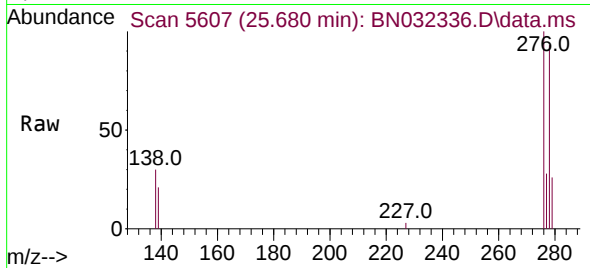




#28
Dibenzo(a,h)anthracene
Concen: 0.433 ng/ul
RT: 25.680 min Scan# 5609
Delta R.T. -0.030 min
Lab File: BN032336.D
Acq: 29 Jun 2024 05:05

Instrument :
BNA_N
ClientSampleId :
SLCS562

Tgt Ion:278 Resp: 25494
Ion Ratio Lower Upper
278 100
139 22.6 15.9 23.9
279 28.0 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.428 ng/ul
RT: 26.351 min Scan# 5807
Delta R.T. -0.030 min
Lab File: BN032336.D
Acq: 29 Jun 2024 05:05

Tgt Ion:276 Resp: 27014
Ion Ratio Lower Upper
276 100
138 26.1 19.8 29.6
277 25.5 19.8 29.6

