

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032337.D
 Acq On : 29 Jun 2024 05:41
 Operator : MA/JU
 Sample : PB161560BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS560

Quant Time: Jun 29 06:21:16 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)

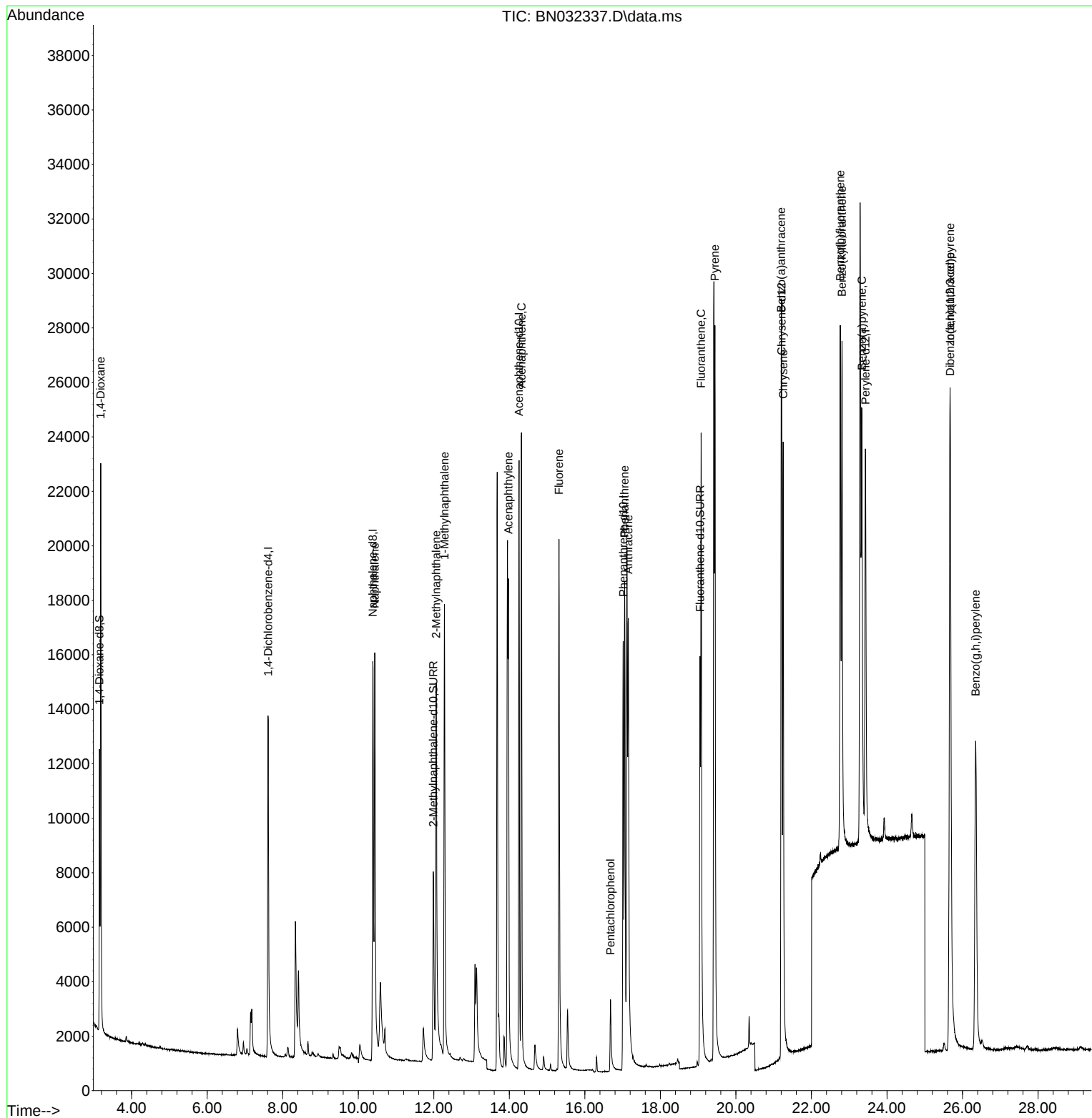
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	8033	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	24965	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	13142	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	22558	0.400	ng/ul	0.00
17) Chrysene-d12	21.214	240	17519	0.400	ng/ul	-0.01
23) Perylene-d12	23.430	264	20730	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	6867	0.769	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	13178	0.352	ng/ul	-0.01
18) Fluoranthene-d10	19.050	212	20051	0.380	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	14615	1.438	ng/ul#	87
5) Naphthalene	10.437	128	23175	0.351	ng/ul	100
7) 2-Methylnaphthalene	12.065	142	14000	0.320	ng/ul	100
8) 1-Methylnaphthalene	12.285	142	13772	0.303	ng/ul	100
10) Acenaphthylene	13.975	152	20777	0.380	ng/ul	99
11) Acenaphthene	14.322	153	15040	0.355	ng/ul	98
12) Fluorene	15.317	166	15570	0.308	ng/ul	100
14) Pentachlorophenol	16.678	266	2869	0.562	ng/ul	100
15) Phenanthrene	17.054	178	21978	0.355	ng/ul	99
16) Anthracene	17.151	178	20572	0.373	ng/ul	99
19) Fluoranthene	19.078	202	23473	0.352	ng/ul	96
20) Pyrene	19.445	202	24835	0.356	ng/ul	99
21) Benzo(a)anthracene	21.200	228	22409	0.354	ng/ul	100
22) Chrysene	21.252	228	24321	0.350	ng/ul	99
24) Benzo(b)fluoranthene	22.763	252	25595	0.284	ng/ul	95
25) Benzo(k)fluoranthene	22.807	252	25971	0.297	ng/ul#	95
26) Benzo(a)pyrene	23.336	252	25128	0.401	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.670	276	32440	0.331	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.676	278	25531	0.350	ng/ul	96
29) Benzo(g,h,i)perylene	26.350	276	26964	0.345	ng/ul	98

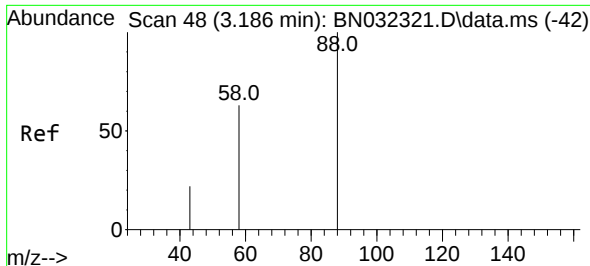
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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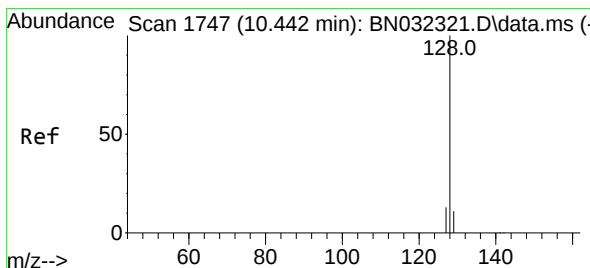
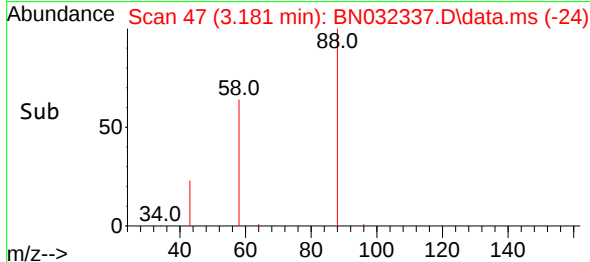
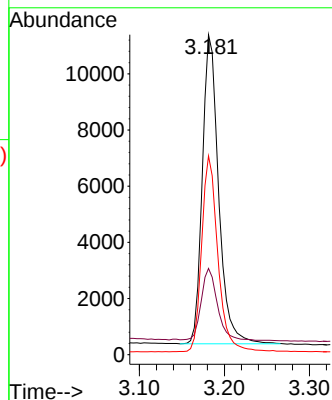
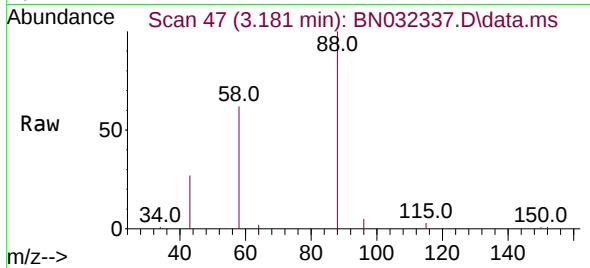




#2
1,4-Dioxane
Concen: 1.438 ng/ul
RT: 3.181 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN032337.D
Acq: 29 Jun 2024 05:41

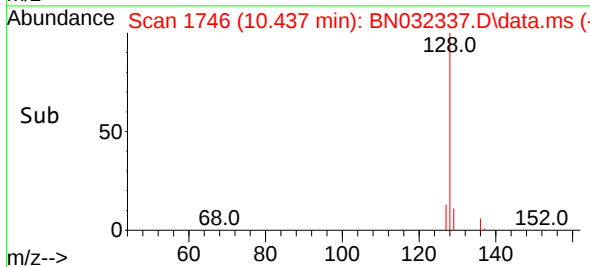
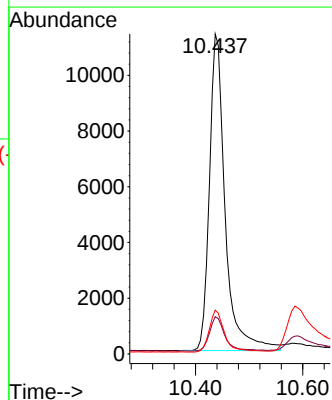
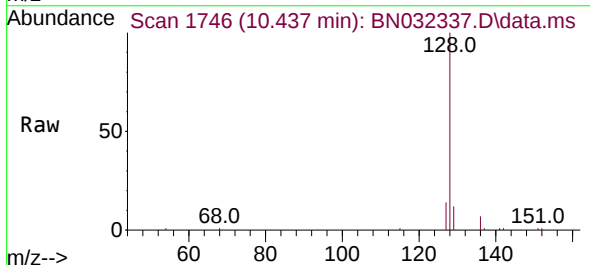
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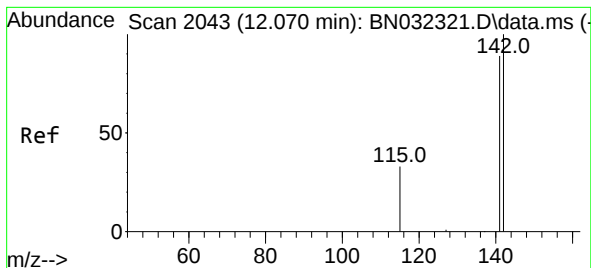
Tgt Ion: 88 Resp: 14615
Ion Ratio Lower Upper
88 100
43 27.0 28.4 42.6#
58 62.1 43.3 64.9



#5
Naphthalene
Concen: 0.351 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032337.D
Acq: 29 Jun 2024 05:41

Tgt Ion:128 Resp: 23175
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.7 10.8 16.2

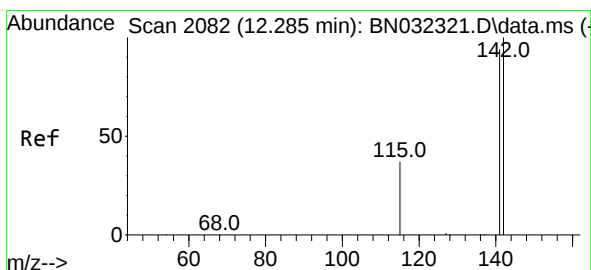
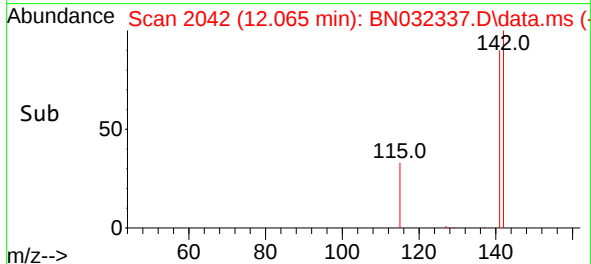
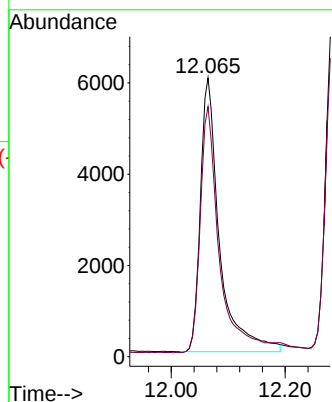
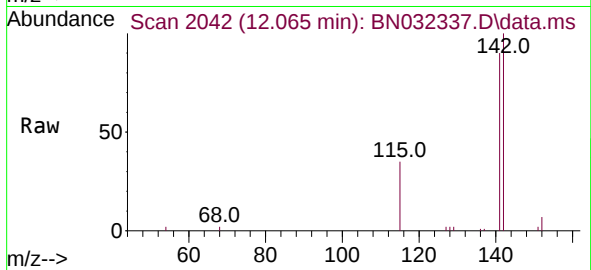




#7
2-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.065 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BN032337.D
Acq: 29 Jun 2024 05:41

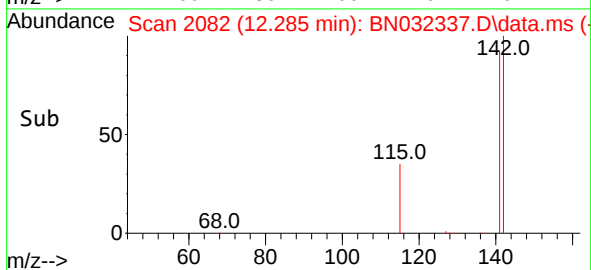
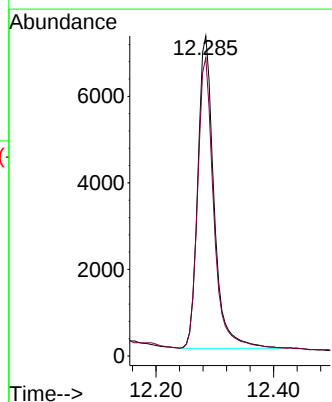
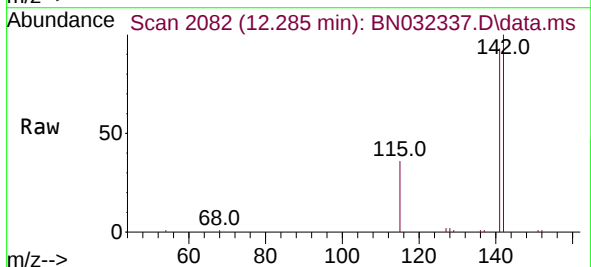
Instrument :
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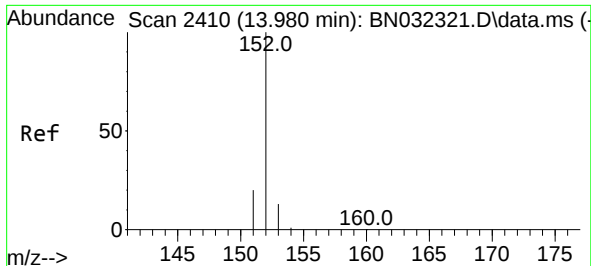
Tgt Ion:142 Resp: 14000
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.285 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BN032337.D
Acq: 29 Jun 2024 05:41

Tgt Ion:142 Resp: 13772
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.0

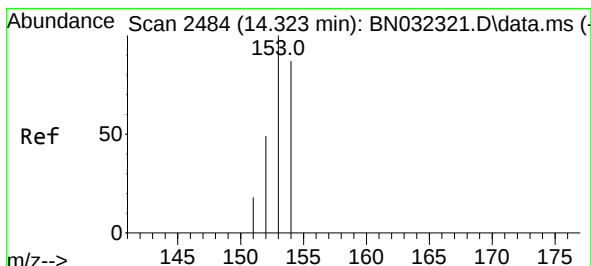
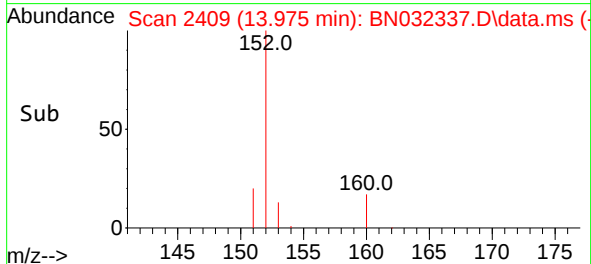
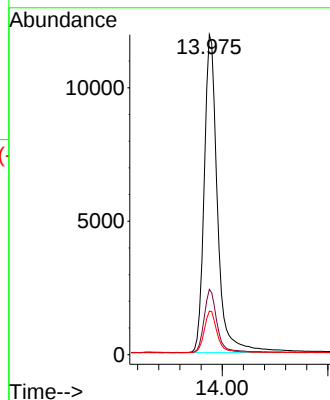
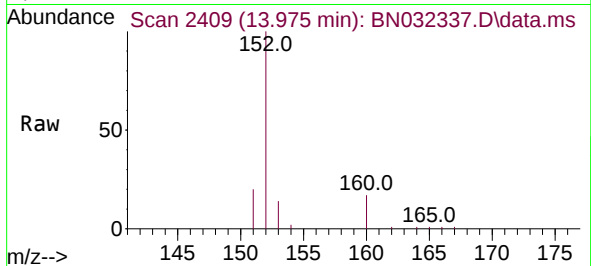




#10
Acenaphthylene
Concen: 0.380 ng/ul
RT: 13.975 min Scan# 2410
Delta R.T. -0.014 min
Lab File: BN032337.D
Acq: 29 Jun 2024 05:41

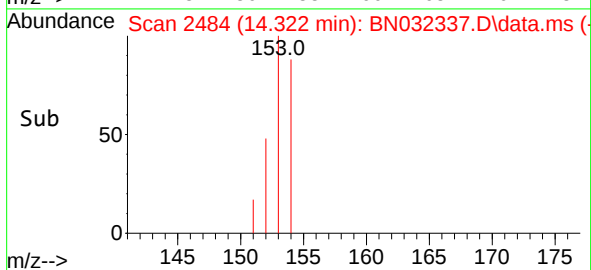
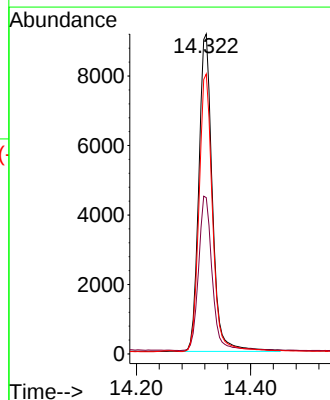
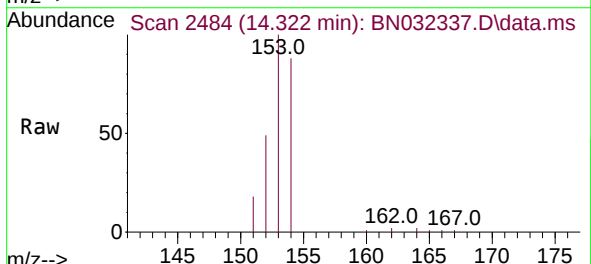
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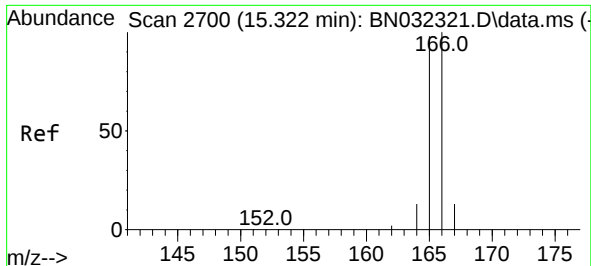
Tgt Ion:152 Resp: 20777
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.355 ng/ul
RT: 14.322 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN032337.D
Acq: 29 Jun 2024 05:41

Tgt Ion:153 Resp: 15040
Ion Ratio Lower Upper
153 100
152 48.9 39.5 59.3
154 87.5 71.7 107.5

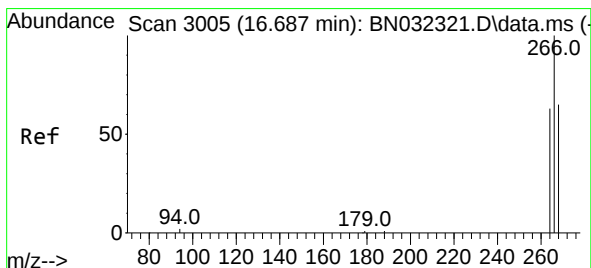
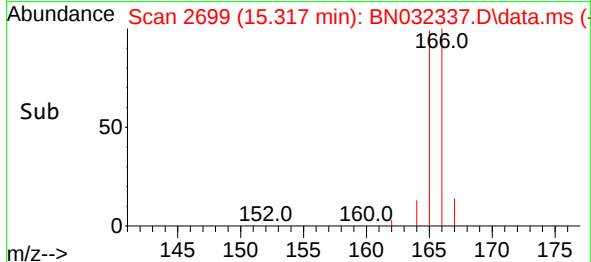
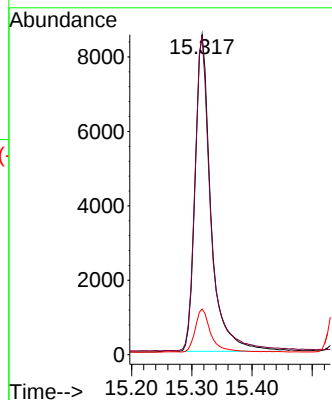
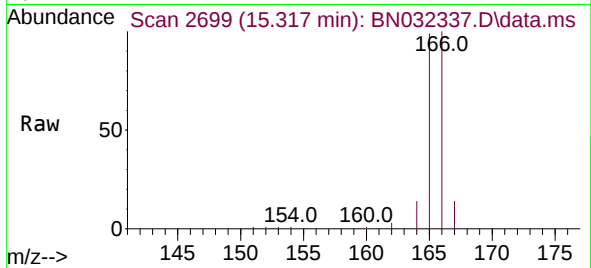




#12
Fluorene
Concen: 0.308 ng/ul
RT: 15.317 min Scan# 2699
Delta R.T. -0.009 min
Lab File: BN032337.D
Acq: 29 Jun 2024 05:41

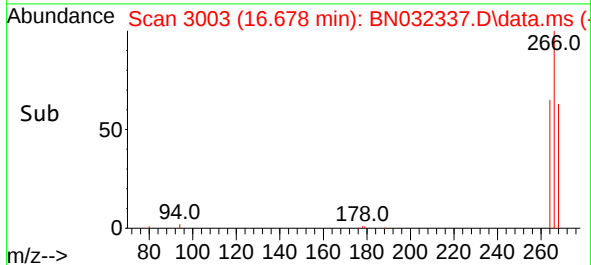
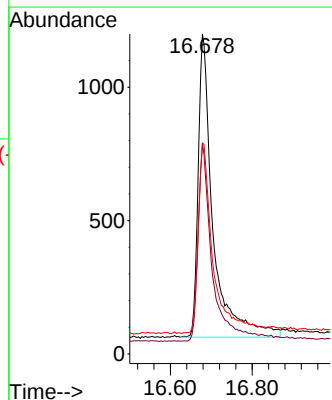
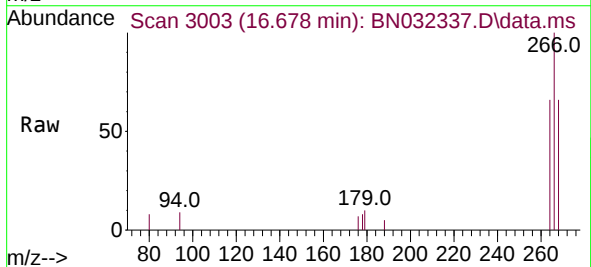
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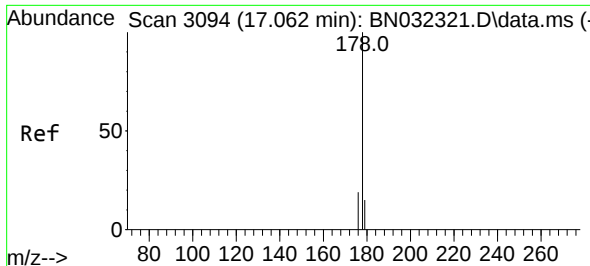
Tgt Ion:166 Resp: 15570
Ion Ratio Lower Upper
166 100
165 99.1 79.0 118.6
167 14.3 11.0 16.6



#14
Pentachlorophenol
Concen: 0.562 ng/ul
RT: 16.678 min Scan# 3003
Delta R.T. -0.021 min
Lab File: BN032337.D
Acq: 29 Jun 2024 05:41

Tgt Ion:266 Resp: 2869
Ion Ratio Lower Upper
266 100
264 63.0 49.9 74.9
268 65.5 52.4 78.6

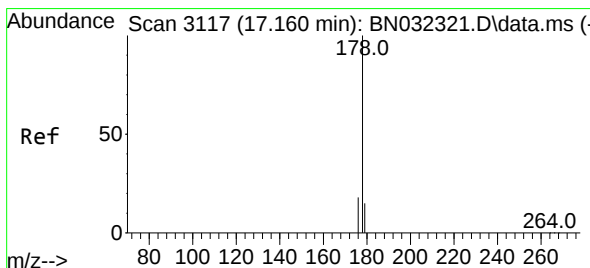
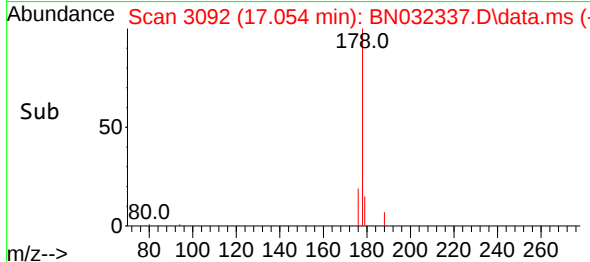
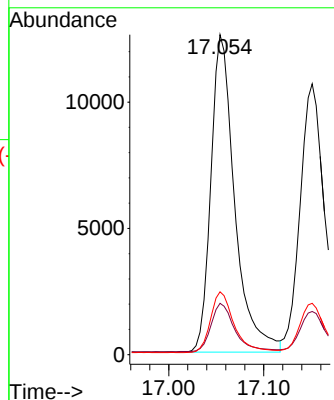
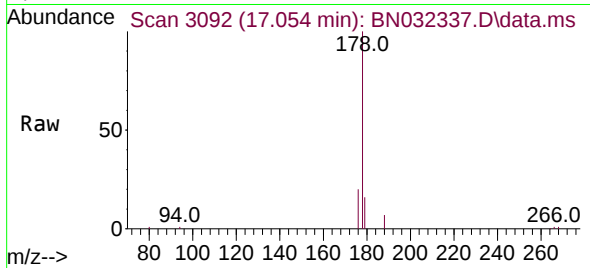




#15
Phenanthrene
Concen: 0.355 ng/u1
RT: 17.054 min Scan# 3092
Delta R.T. -0.013 min
Lab File: BN032337.D
Acq: 29 Jun 2024 05:41

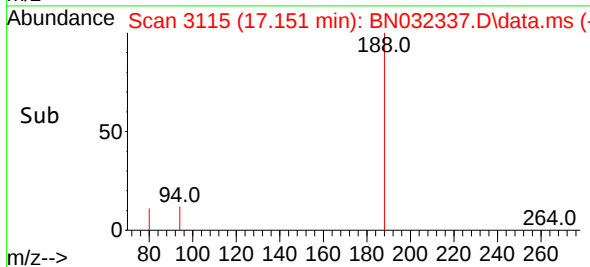
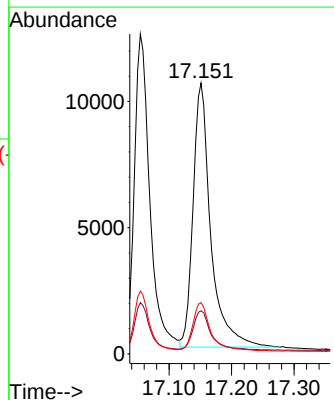
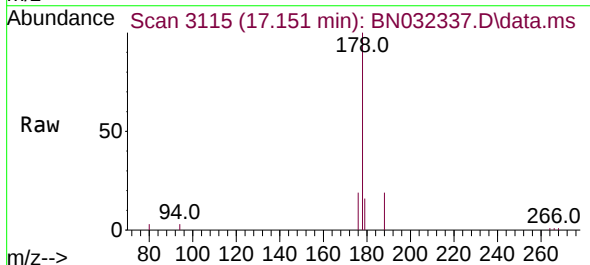
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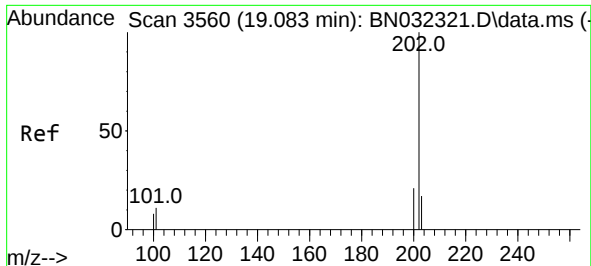
Tgt Ion:178 Resp: 21978
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.373 ng/u1
RT: 17.151 min Scan# 3115
Delta R.T. -0.009 min
Lab File: BN032337.D
Acq: 29 Jun 2024 05:41

Tgt Ion:178 Resp: 20572
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 19.0 15.0 22.6

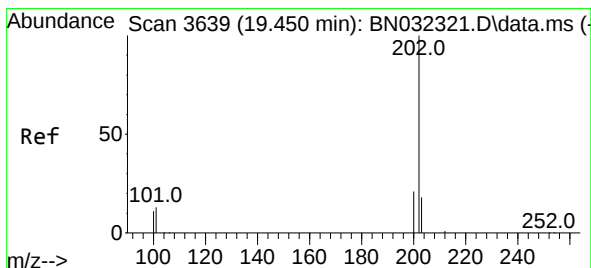
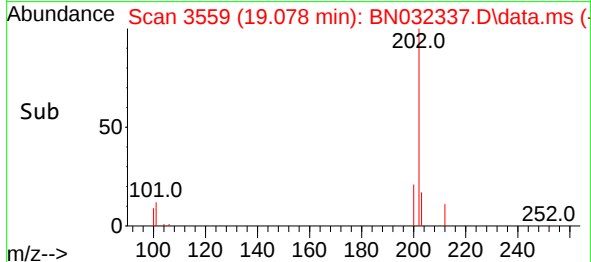
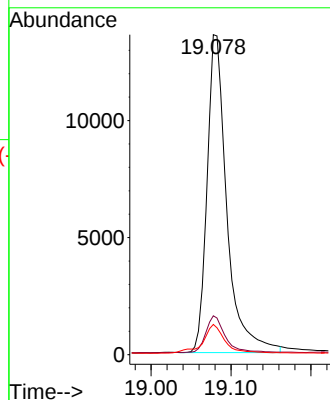
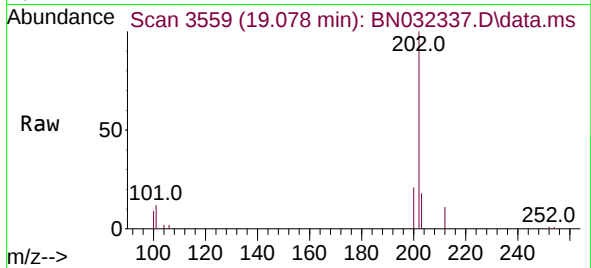




#19
Fluoranthene
Concen: 0.352 ng/u1
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032337.D
Acq: 29 Jun 2024 05:41

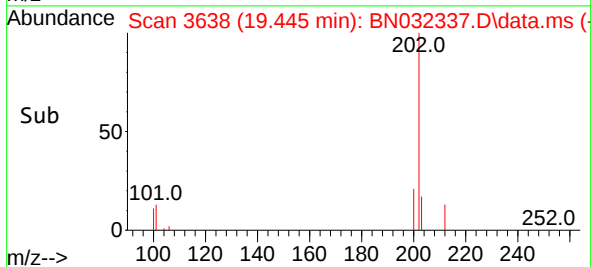
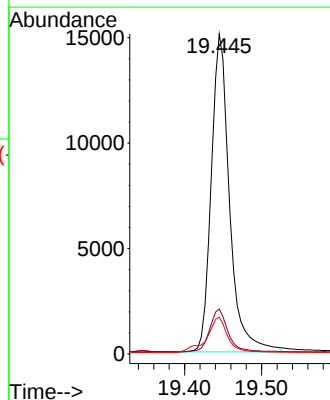
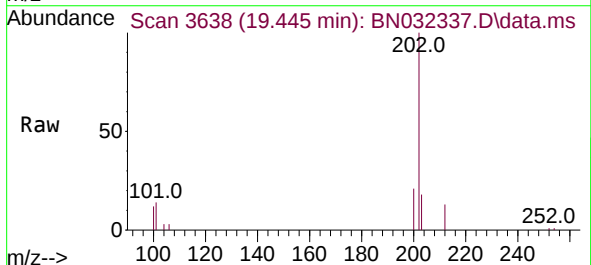
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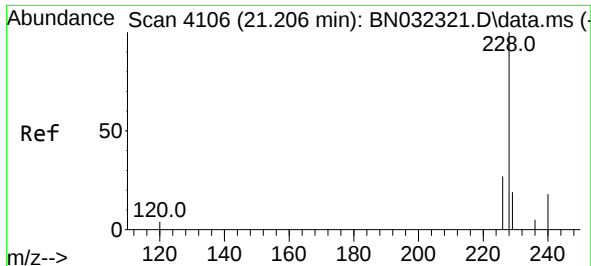
Tgt Ion:202 Resp: 23473
Ion Ratio Lower Upper
202 100
101 12.2 8.8 13.2
100 9.5 6.4 9.6



#20
Pyrene
Concen: 0.356 ng/u1
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032337.D
Acq: 29 Jun 2024 05:41

Tgt Ion:202 Resp: 24835
Ion Ratio Lower Upper
202 100
101 14.0 11.0 16.4
100 11.5 8.7 13.1

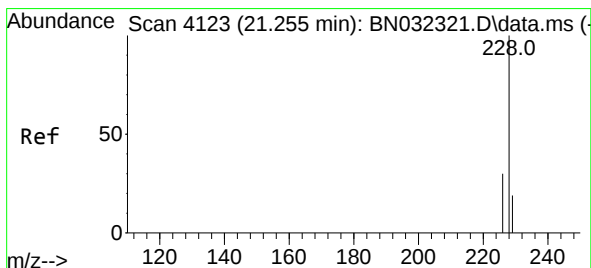
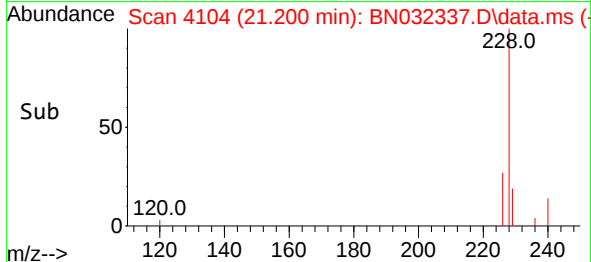
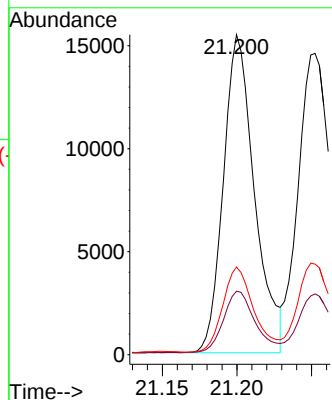
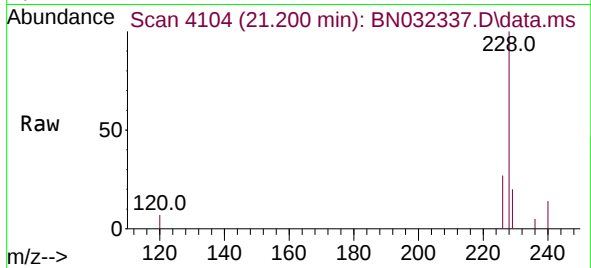




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.200 min Scan# 4106
Delta R.T. -0.015 min
Lab File: BN032337.D
Acq: 29 Jun 2024 05:41

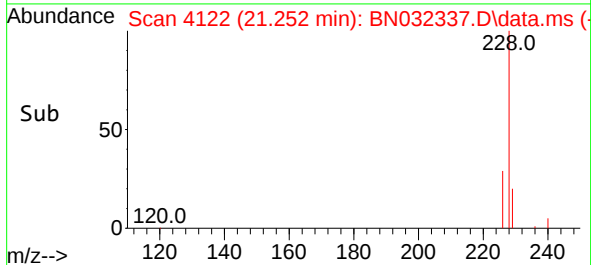
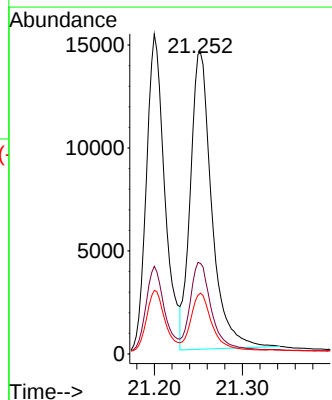
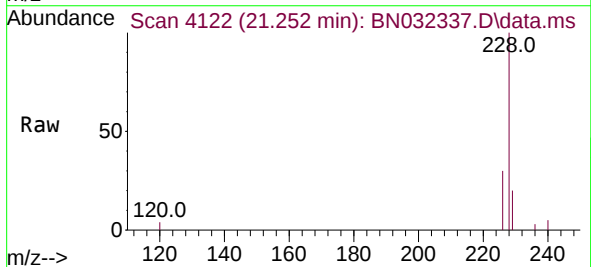
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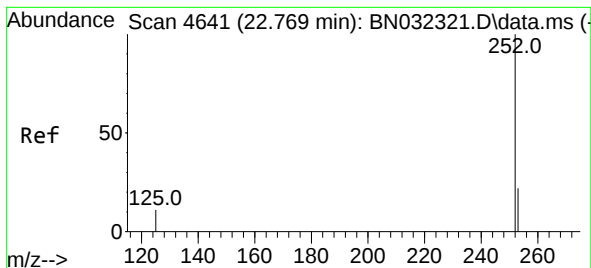
Tgt Ion:228 Resp: 22409
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.4 21.8 32.8



#22
Chrysene
Concen: 0.350 ng/ul
RT: 21.252 min Scan# 4122
Delta R.T. -0.015 min
Lab File: BN032337.D
Acq: 29 Jun 2024 05:41

Tgt Ion:228 Resp: 24321
Ion Ratio Lower Upper
228 100
226 30.1 23.6 35.4
229 20.2 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.284 ng/ul

RT: 22.763 min Scan# 4639

Delta R.T. -0.021 min

Lab File: BN032337.D

Acq: 29 Jun 2024 05:41

Instrument :

BNA_N

ClientSampleId :

SLCS560

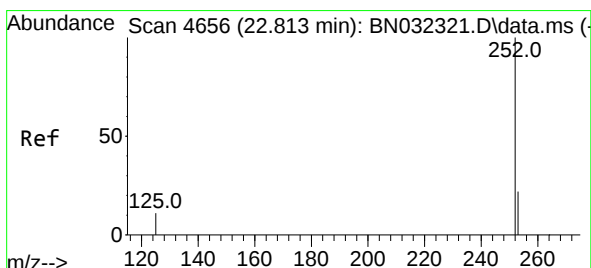
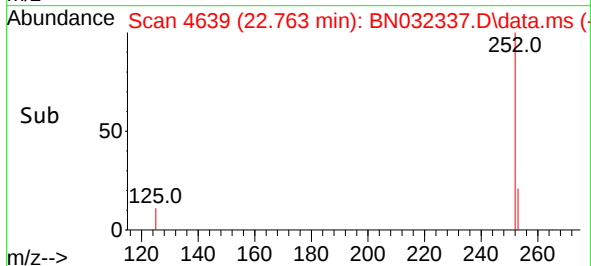
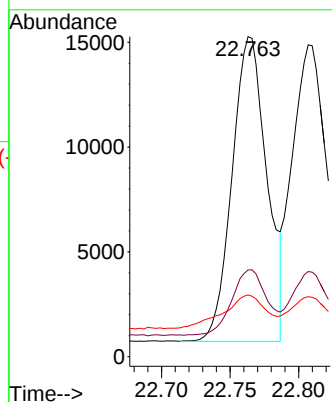
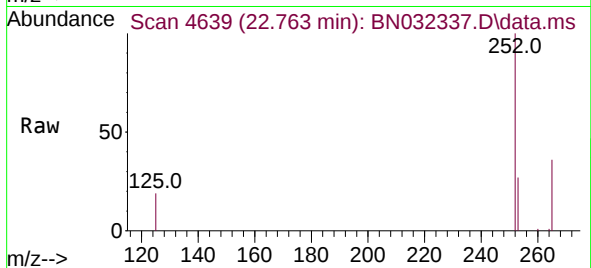
Tgt Ion:252 Resp: 25595

Ion Ratio Lower Upper

252 100

253 27.1 0.0 50.2

125 19.3 0.0 32.0



#25

Benzo(k)fluoranthene

Concen: 0.297 ng/ul

RT: 22.807 min Scan# 4654

Delta R.T. -0.021 min

Lab File: BN032337.D

Acq: 29 Jun 2024 05:41

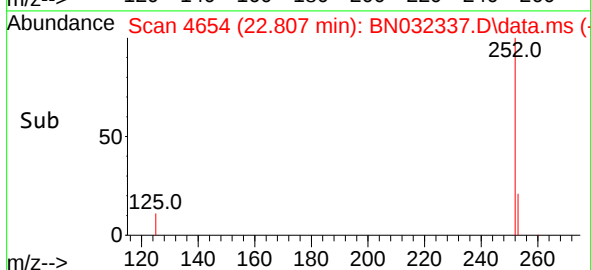
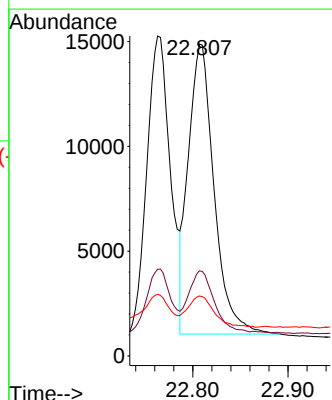
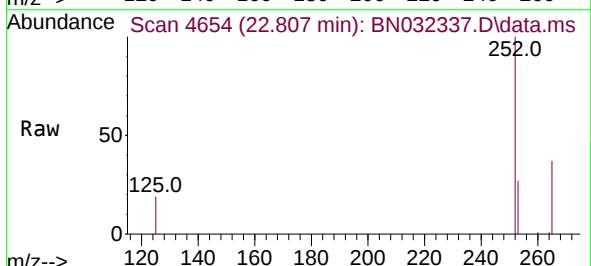
Tgt Ion:252 Resp: 25971

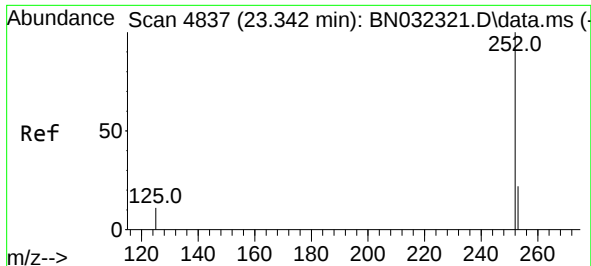
Ion Ratio Lower Upper

252 100

253 27.3 20.3 30.5

125 19.2 12.8 19.2#

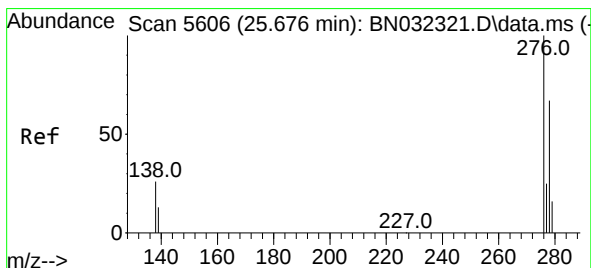
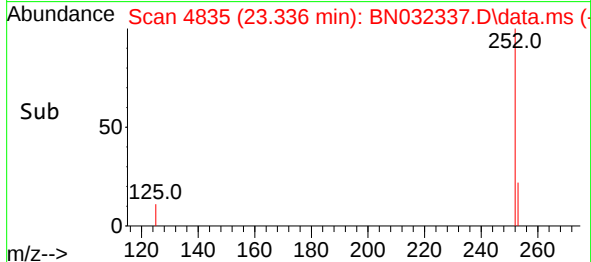
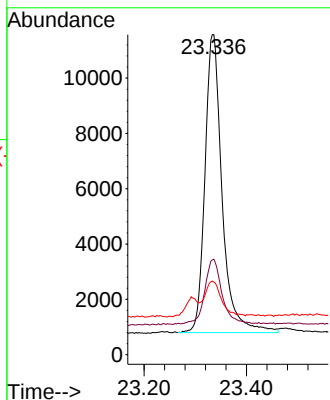
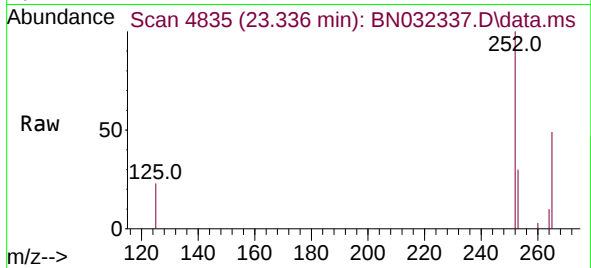




#26
Benzo(a)pyrene
Concen: 0.401 ng/ul
RT: 23.336 min Scan# 4835
Delta R.T. -0.024 min
Lab File: BN032337.D
Acq: 29 Jun 2024 05:41

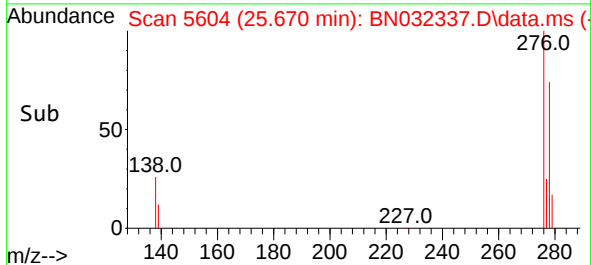
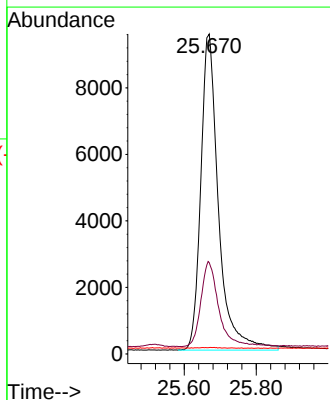
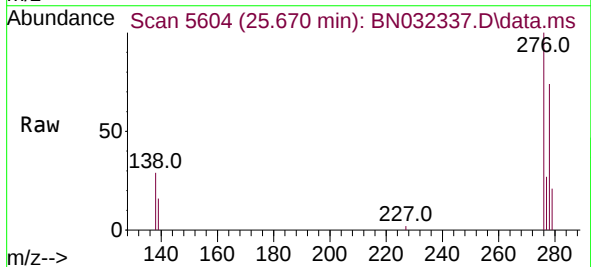
Instrument :
BNA_N
ClientSampleId :
SLCS560

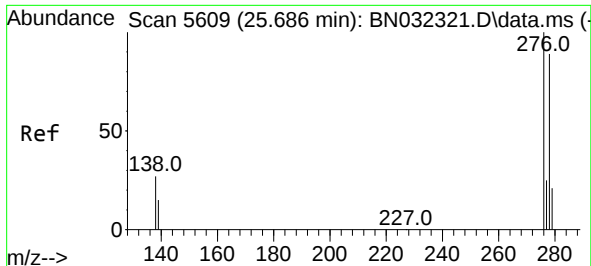
Tgt Ion:252 Resp: 25128
Ion Ratio Lower Upper
252 100
253 29.9 22.2 33.2
125 22.7 16.4 24.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.331 ng/ul
RT: 25.670 min Scan# 5604
Delta R.T. -0.030 min
Lab File: BN032337.D
Acq: 29 Jun 2024 05:41

Tgt Ion:276 Resp: 32440
Ion Ratio Lower Upper
276 100
138 27.4 21.3 31.9
227 0.1 0.1 0.1#

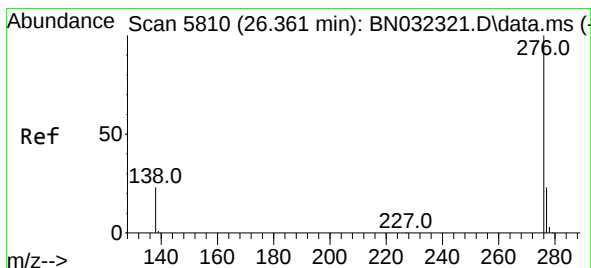
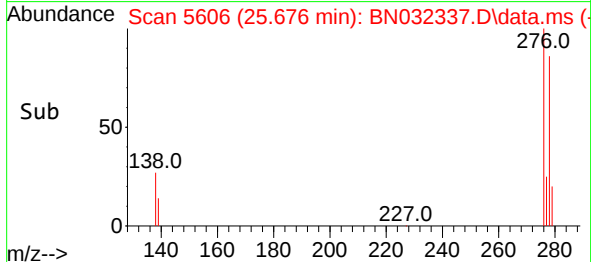
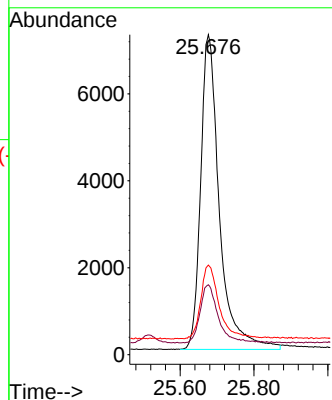
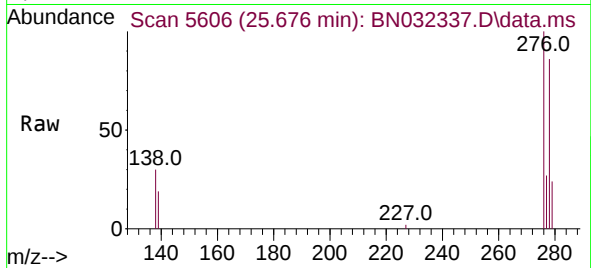




#28
Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 25.676 min Scan# 50
Delta R.T. -0.034 min
Lab File: BN032337.D
Acq: 29 Jun 2024 05:41

Instrument :
BNA_N
ClientSampleId :
SLCS560

Tgt Ion:278 Resp: 25531
Ion Ratio Lower Upper
278 100
139 21.9 15.9 23.9
279 28.0 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.345 ng/ul
RT: 26.350 min Scan# 5807
Delta R.T. -0.030 min
Lab File: BN032337.D
Acq: 29 Jun 2024 05:41

Tgt Ion:276 Resp: 26964
Ion Ratio Lower Upper
276 100
138 26.1 19.8 29.6
277 25.4 19.8 29.6

