

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032374.D
 Acq On : 01 Jul 2024 22:32
 Operator : MA/JU
 Sample : P2934-14DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 01 23:46:17 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)

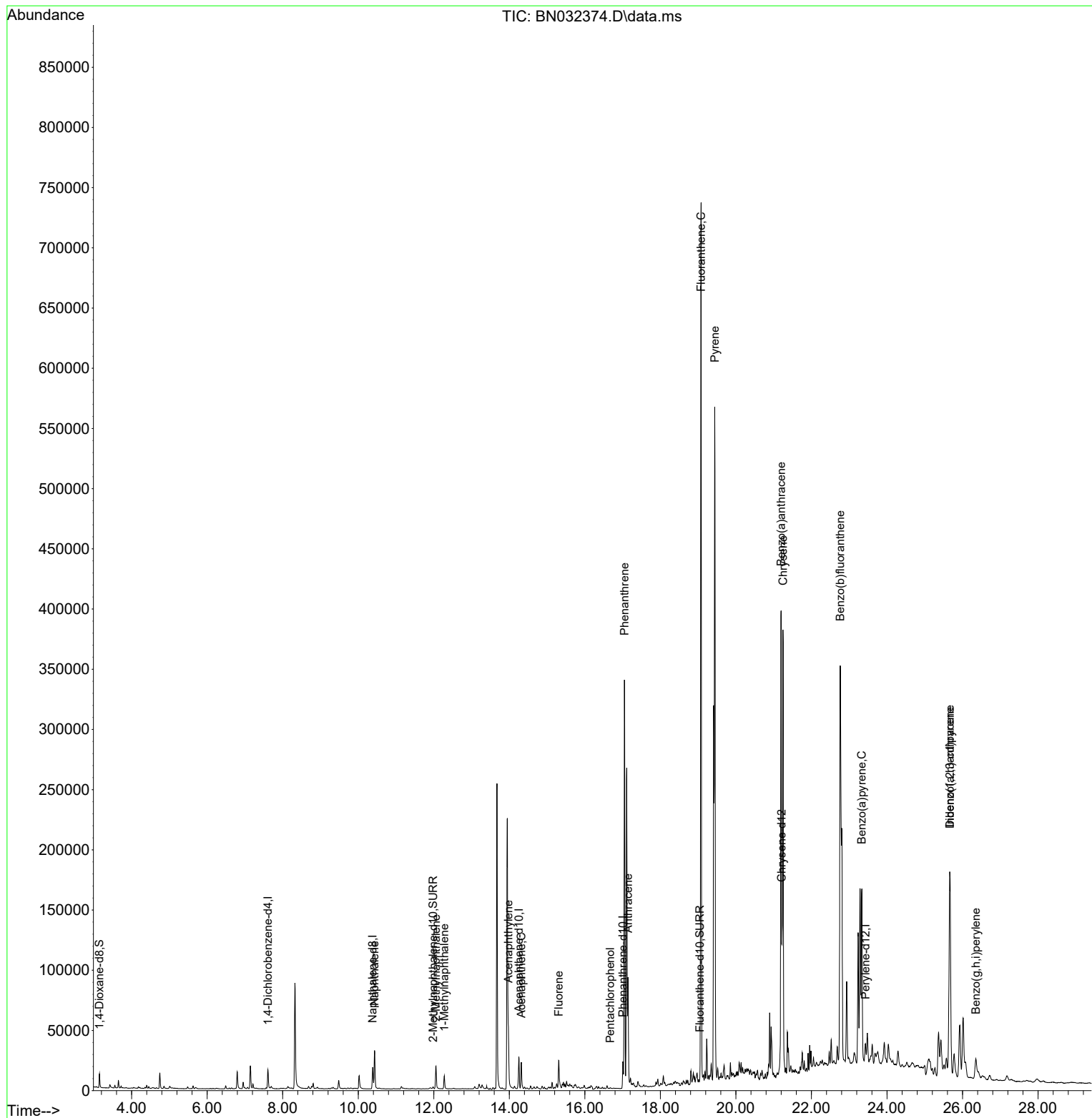
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	8710	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.382	136	26773	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	14878	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.007	188	26222	0.400	ng/ul	-0.02
17) Chrysene-d12	21.211	240	17979	0.400	ng/ul	#-0.01
23) Perylene-d12	23.430	264	22463	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	8069	0.833	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	2399	0.060	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	3812	0.070	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.431	128	45701	0.645	ng/ul	100
7) 2-Methylnaphthalene	12.059	142	15886	0.338	ng/ul	98
8) 1-Methylnaphthalene	12.279	142	8291	0.170	ng/ul	100
10) Acenaphthylene	13.975	152	61296	0.991	ng/ul	100
11) Acenaphthene	14.318	153	13466	0.280	ng/ul	99
12) Fluorene	15.312	166	17308	0.302	ng/ul#	98
14) Pentachlorophenol	16.674	266	176	0.030	ng/ul	89
15) Phenanthrene	17.050	178	354054	4.925	ng/ul	99
16) Anthracene	17.143	178	95849	1.495	ng/ul	99
19) Fluoranthene	19.078	202	644764	9.418	ng/ul	100
20) Pyrene	19.440	202	489587	6.843	ng/ul	100
21) Benzo(a)anthracene	21.197	228	335178	5.165	ng/ul	95
22) Chrysene	21.246	228	374831	5.263	ng/ul	96
24) Benzo(b)fluoranthene	22.763	252	736943	7.551	ng/ul	96
26) Benzo(a)pyrene	23.333	252	205331	3.024	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.663	276	248722	2.339	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.666	278	85993	1.089	ng/ul#	87
29) Benzo(g,h,i)perylene	26.354	276	36990	0.437	ng/ul#	83

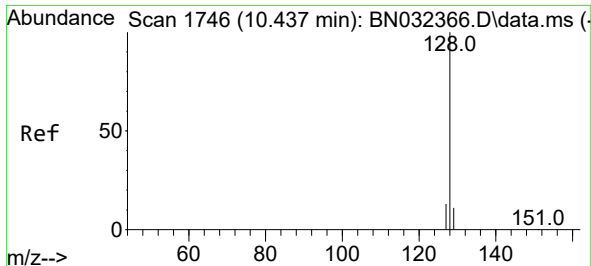
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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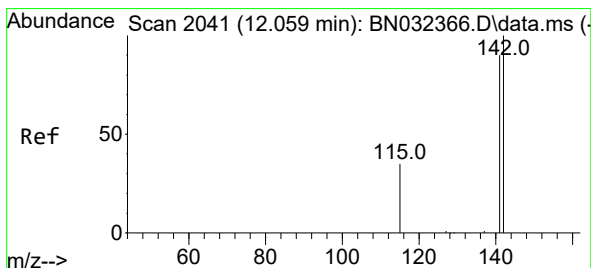
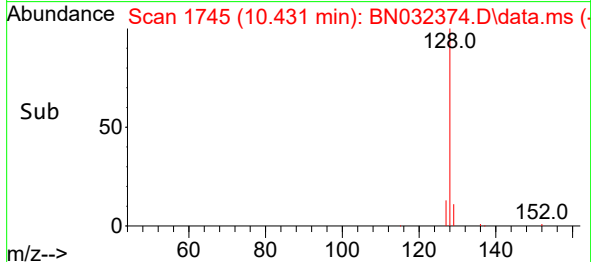
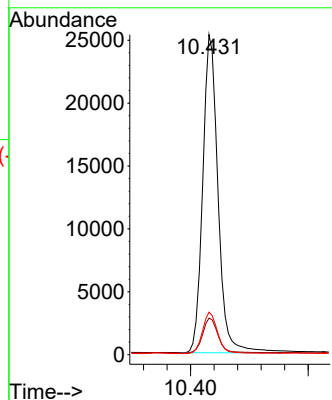
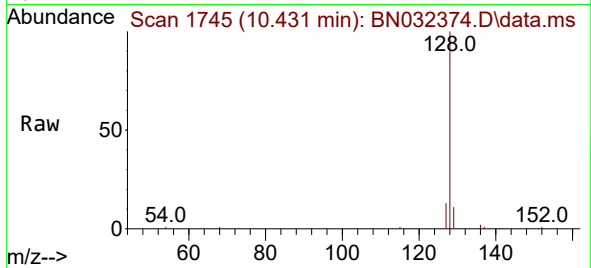




#5
Naphthalene
Concen: 0.645 ng/ul
RT: 10.431 min Scan# 1745
Delta R.T. -0.017 min
Lab File: BN032374.D
Acq: 01 Jul 2024 22:32

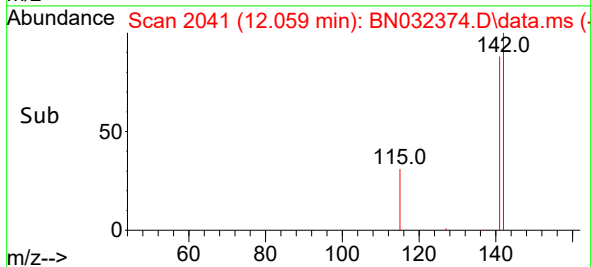
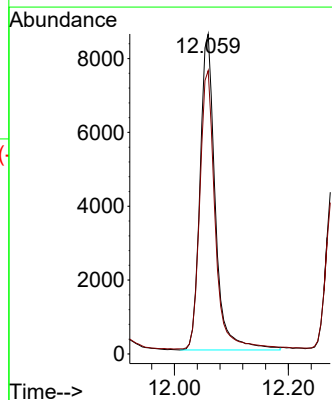
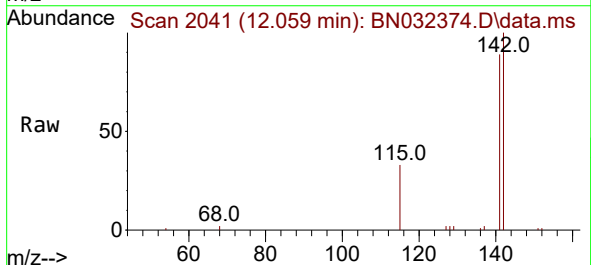
Instrument :
BNA_G
ClientSampleId :

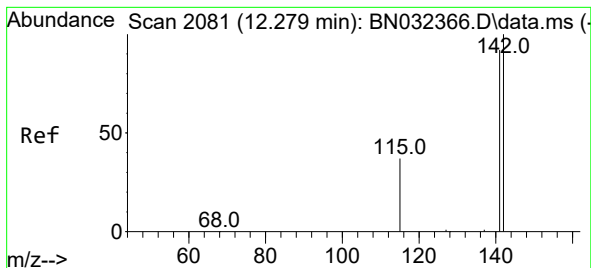
Tgt Ion:128 Resp: 45701
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.3 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032374.D
Acq: 01 Jul 2024 22:32

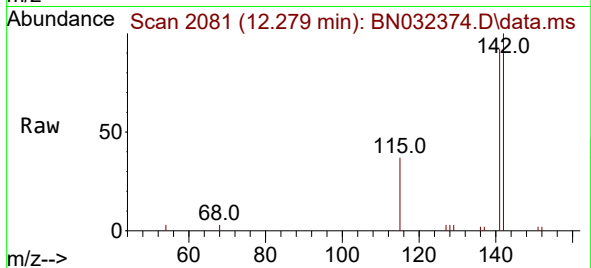
Tgt Ion:142 Resp: 15886
Ion Ratio Lower Upper
142 100
141 88.4 72.2 108.2



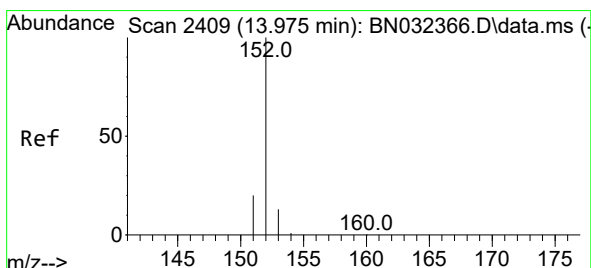
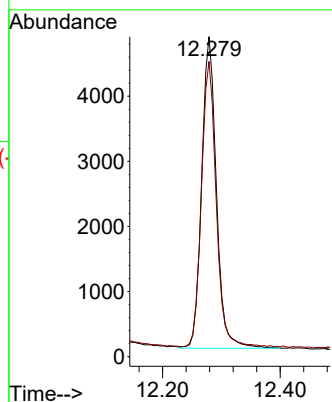
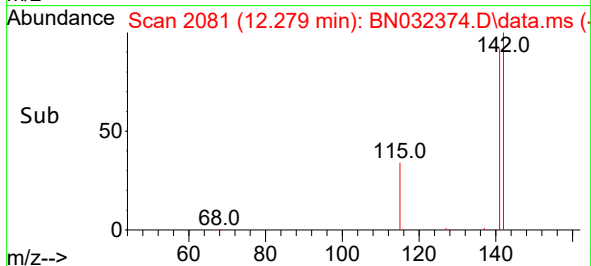


#8
1-Methylnaphthalene
Concen: 0.170 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.017 min
Lab File: BN032374.D
Acq: 01 Jul 2024 22:32

Instrument :
BNA_G
ClientSampleId :

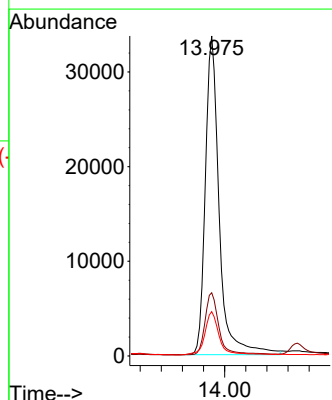
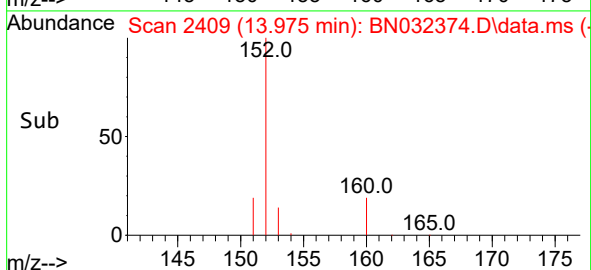
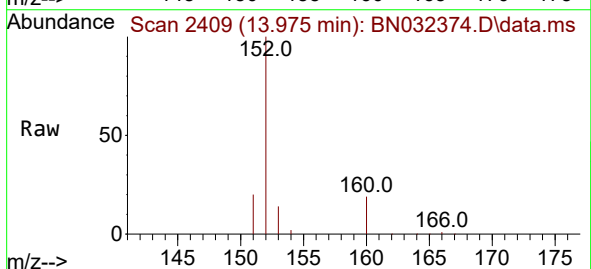


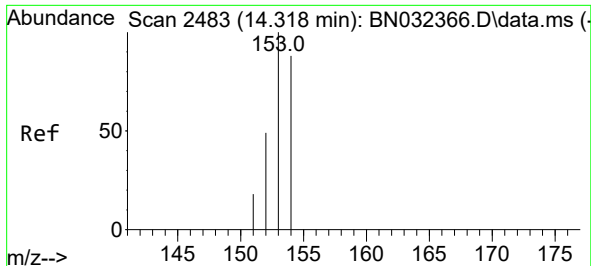
Tgt Ion:142 Resp: 8291
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.0



#10
Acenaphthylene
Concen: 0.991 ng/ul
RT: 13.975 min Scan# 2409
Delta R.T. -0.014 min
Lab File: BN032374.D
Acq: 01 Jul 2024 22:32

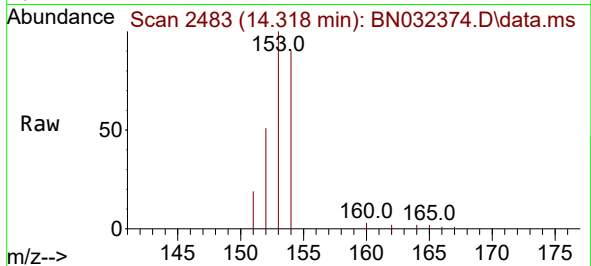
Tgt Ion:152 Resp: 61296
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.9 10.9 16.3



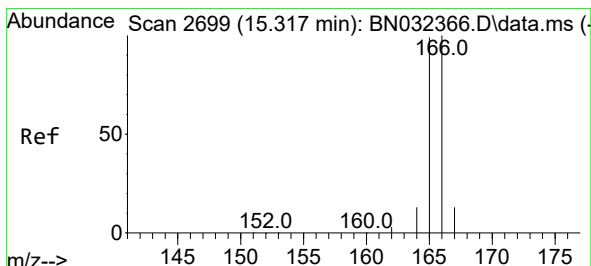
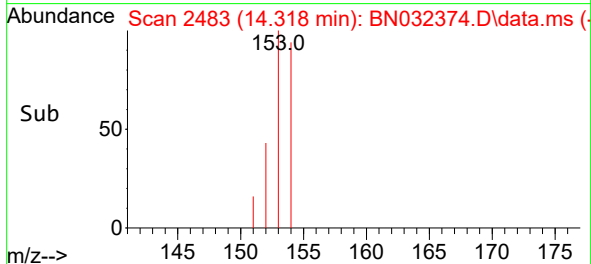
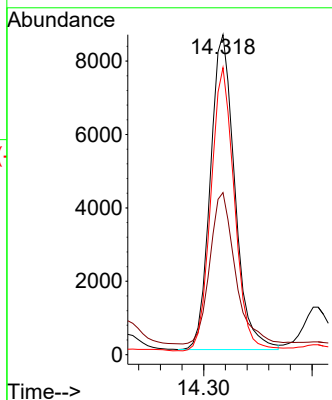


#11
Acenaphthene
Concen: 0.280 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032374.D
Acq: 01 Jul 2024 22:32

Instrument :
BNA_G
ClientSampleId :

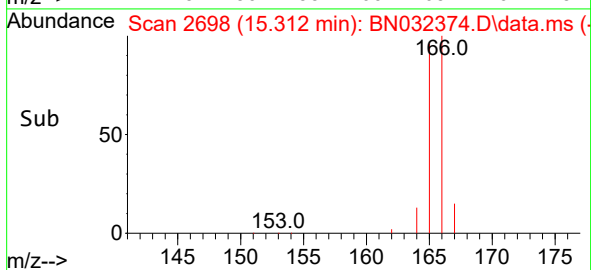
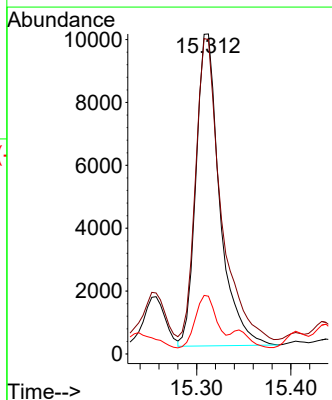
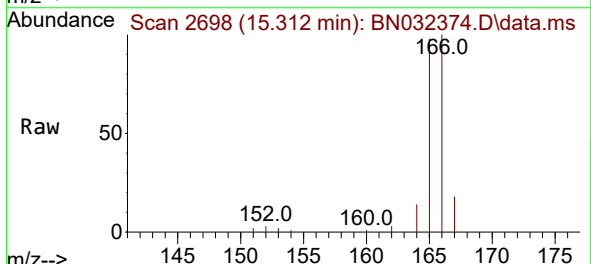


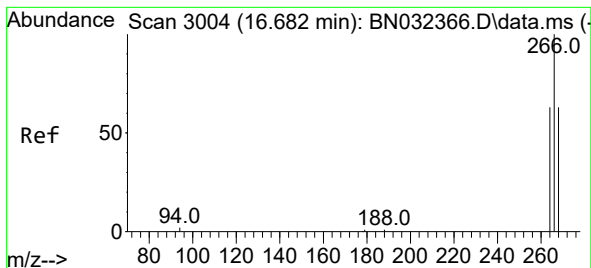
Tgt Ion:153 Resp: 13466
Ion Ratio Lower Upper
153 100
152 50.7 39.5 59.3
154 89.7 71.7 107.5



#12
Fluorene
Concen: 0.302 ng/ul
RT: 15.312 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032374.D
Acq: 01 Jul 2024 22:32

Tgt Ion:166 Resp: 17308
Ion Ratio Lower Upper
166 100
165 98.3 79.0 118.6
167 18.0 11.0 16.6#





#14

Pentachlorophenol

Concen: 0.030 ng/ul

RT: 16.674 min Scan# 3002

Delta R.T. -0.025 min

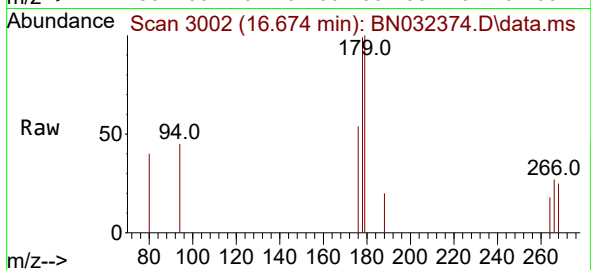
Lab File: BN032374.D

Acq: 01 Jul 2024 22:32

Instrument :

BNA_G

ClientSampleId :



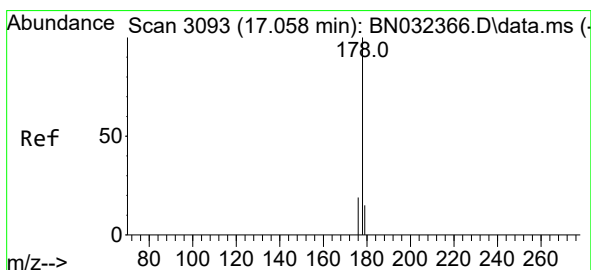
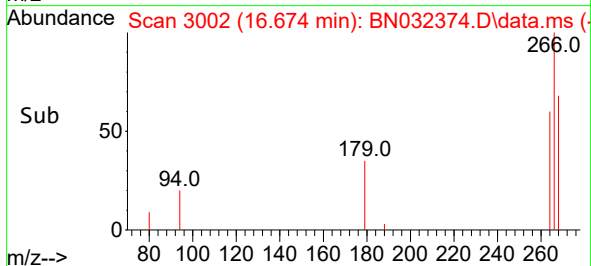
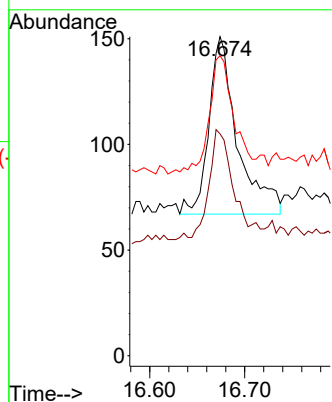
Tgt Ion:266 Resp: 176

Ion Ratio Lower Upper

266 100

264 51.1 49.9 74.9

268 59.7 52.4 78.6



#15

Phenanthrene

Concen: 4.925 ng/ul

RT: 17.050 min Scan# 3091

Delta R.T. -0.017 min

Lab File: BN032374.D

Acq: 01 Jul 2024 22:32

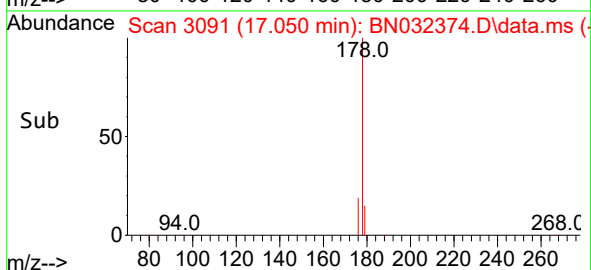
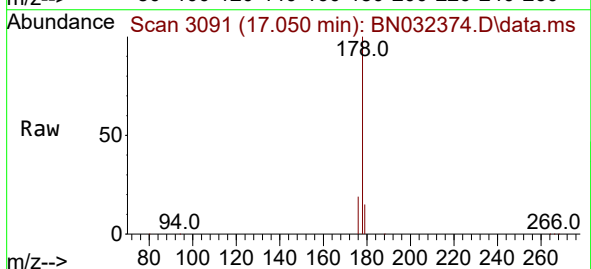
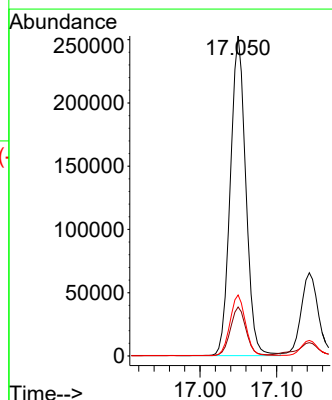
Tgt Ion:178 Resp: 354054

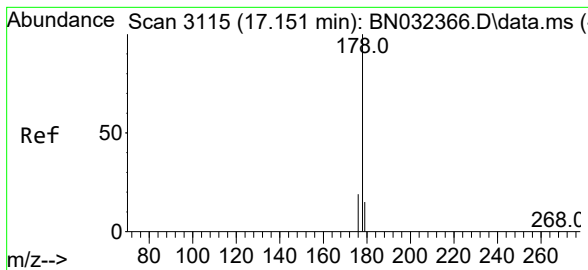
Ion Ratio Lower Upper

178 100

179 15.3 12.6 18.8

176 19.0 15.6 23.4





#16

Anthracene

Concen: 1.495 ng/ul

RT: 17.143 min Scan# 3115

Delta R.T. -0.017 min

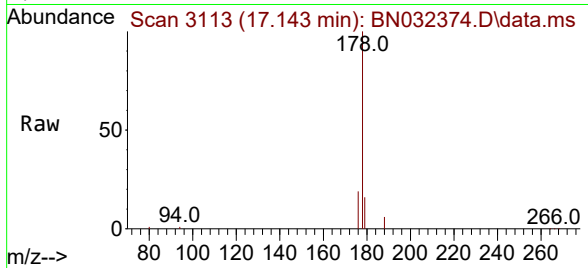
Lab File: BN032374.D

Acq: 01 Jul 2024 22:32

Instrument :

BNA_G

ClientSampleId :



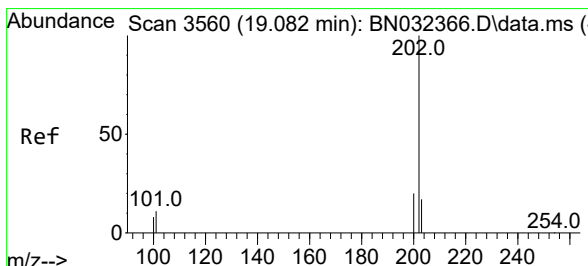
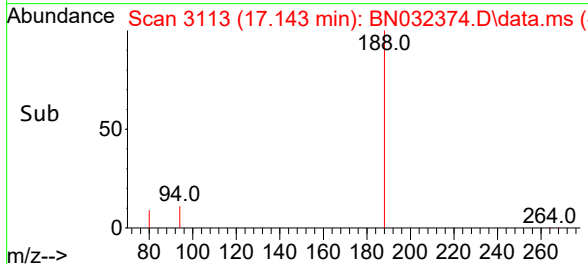
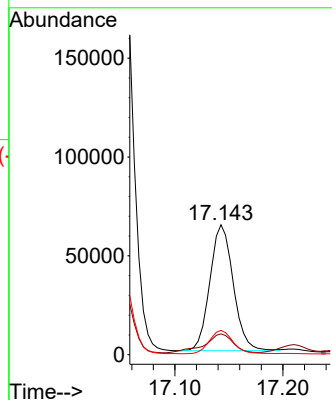
Tgt Ion:178 Resp: 95849

Ion Ratio Lower Upper

178 100

179 16.1 12.5 18.7

176 18.7 15.0 22.6



#19

Fluoranthene

Concen: 9.418 ng/ul

RT: 19.078 min Scan# 3559

Delta R.T. -0.014 min

Lab File: BN032374.D

Acq: 01 Jul 2024 22:32

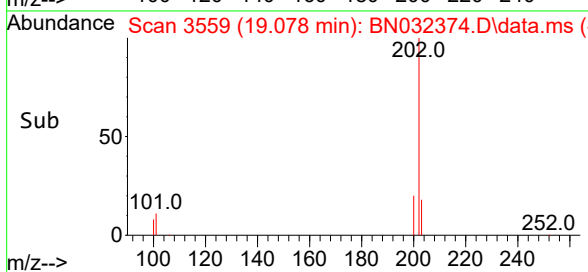
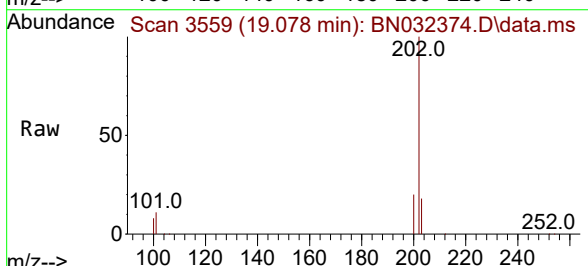
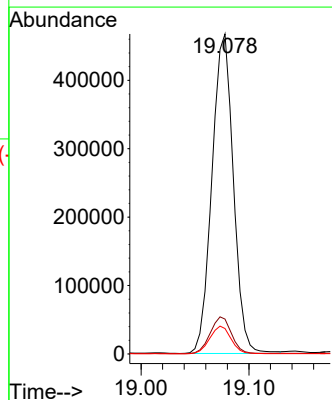
Tgt Ion:202 Resp: 644764

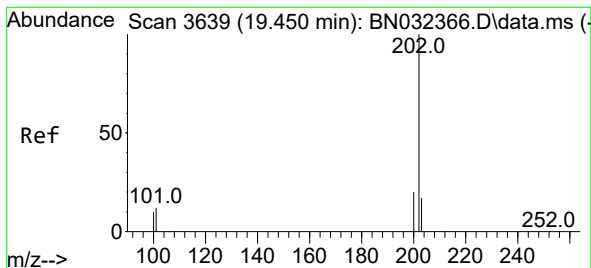
Ion Ratio Lower Upper

202 100

101 10.9 8.8 13.2

100 8.0 6.4 9.6





#20

Pyrene

Concen: 6.843 ng/ul

RT: 19.440 min Scan# 3637

Delta R.T. -0.014 min

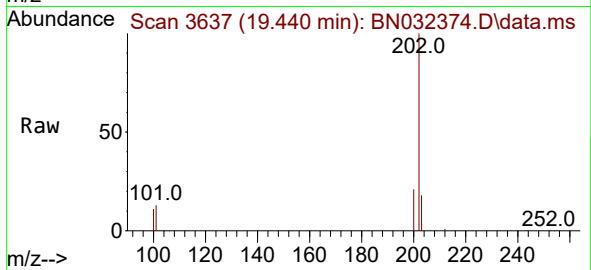
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Acq: 01 Jul 2024 22:32

Instrument :

BNA_G

ClientSampleId :



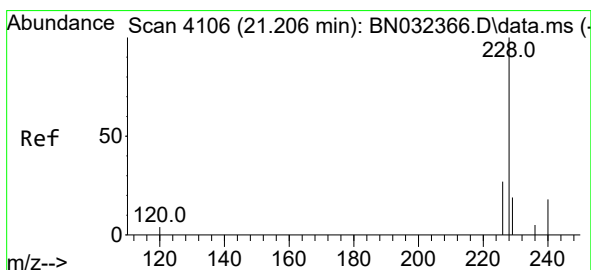
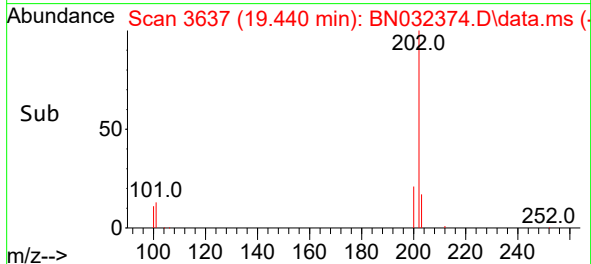
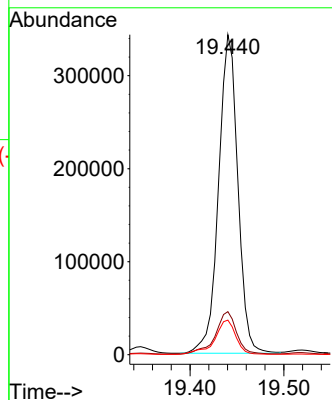
Tgt Ion:202 Resp: 489587

Ion Ratio Lower Upper

202 100

101 13.4 11.0 16.4

100 10.8 8.7 13.1



#21

Benzo(a)anthracene

Concen: 5.165 ng/ul

RT: 21.197 min Scan# 4103

Delta R.T. -0.018 min

Lab File: BN032374.D

Acq: 01 Jul 2024 22:32

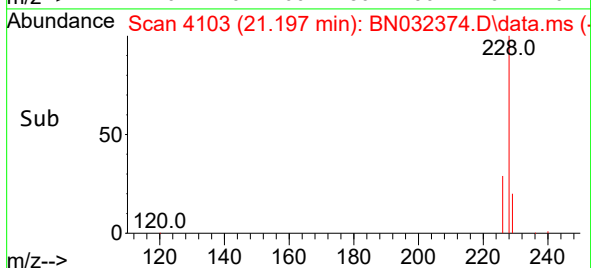
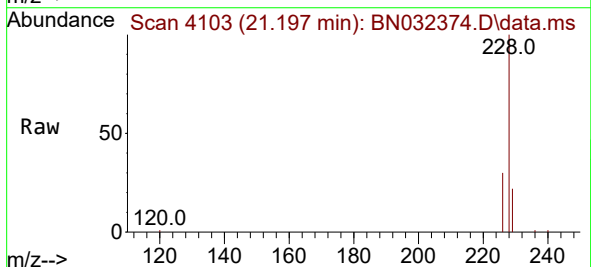
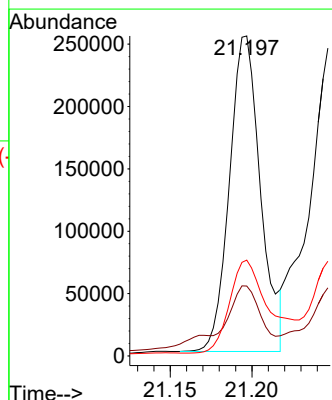
Tgt Ion:228 Resp: 335178

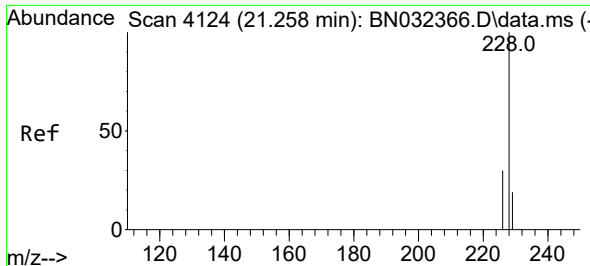
Ion Ratio Lower Upper

228 100

229 21.9 15.7 23.5

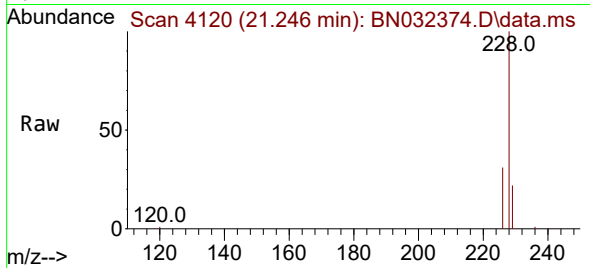
226 29.9 21.8 32.8



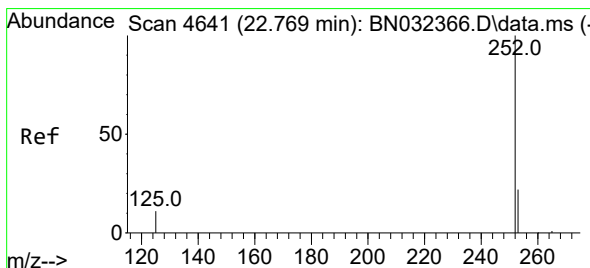
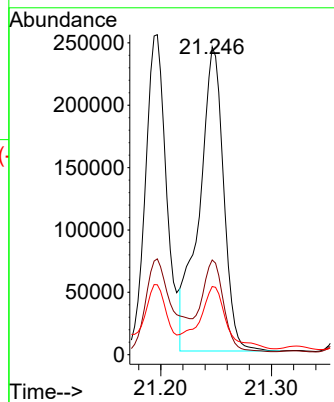
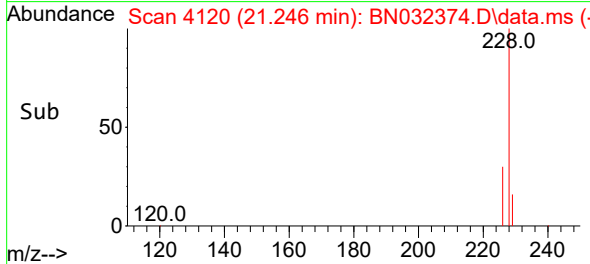


#22
Chrysene
Concen: 5.263 ng/ul
RT: 21.246 min Scan# 4124
Delta R.T. -0.021 min
Lab File: BN032374.D
Acq: 01 Jul 2024 22:32

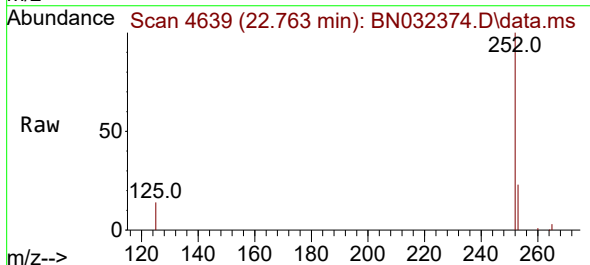
Instrument :
BNA_G
ClientSampleId :



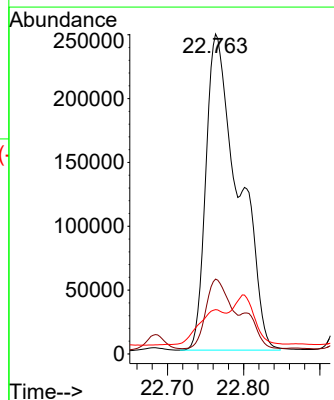
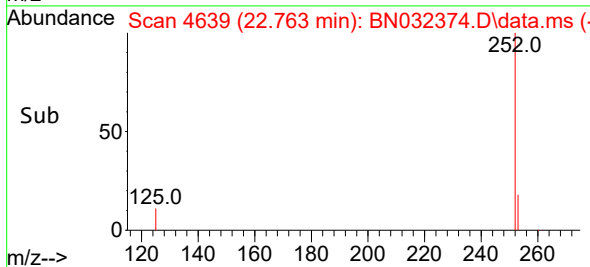
Tgt Ion:228 Resp: 374831
Ion Ratio Lower Upper
228 100
226 30.8 23.6 35.4
229 22.1 15.7 23.5

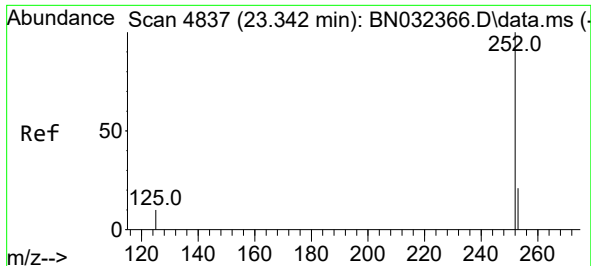


#24
Benzo(b)fluoranthene
Concen: 7.551 ng/ul
RT: 22.763 min Scan# 4639
Delta R.T. -0.021 min
Lab File: BN032374.D
Acq: 01 Jul 2024 22:32



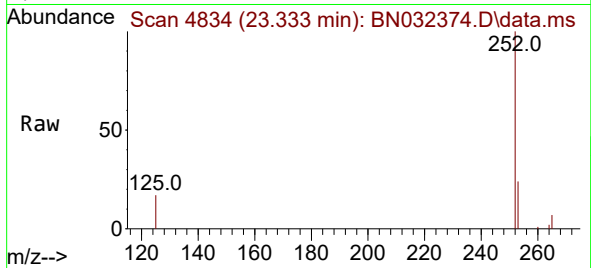
Tgt Ion:252 Resp: 736943
Ion Ratio Lower Upper
252 100
253 23.4 0.0 50.2
125 13.8 0.0 32.0



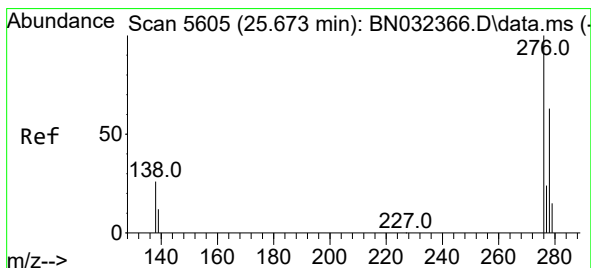
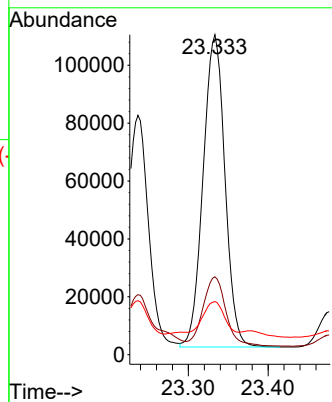
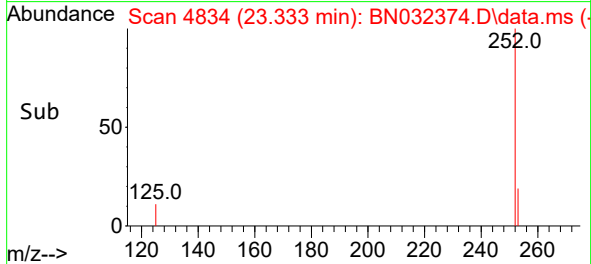


#26
Benzo(a)pyrene
Concen: 3.024 ng/ul
RT: 23.333 min Scan# 4834
Delta R.T. -0.026 min
Lab File: BN032374.D
Acq: 01 Jul 2024 22:32

Instrument :
BNA_G
ClientSampleId :

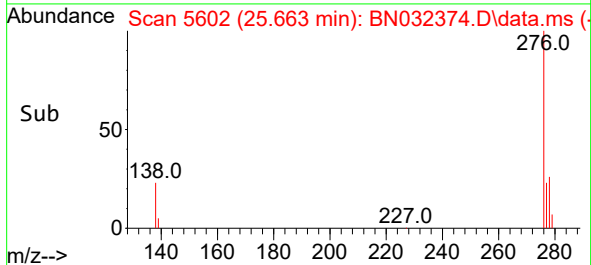
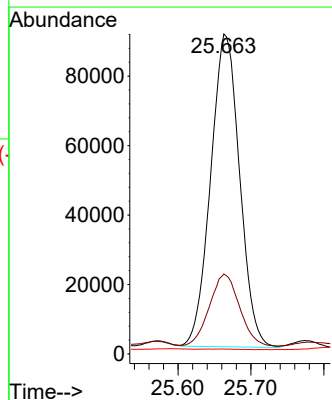
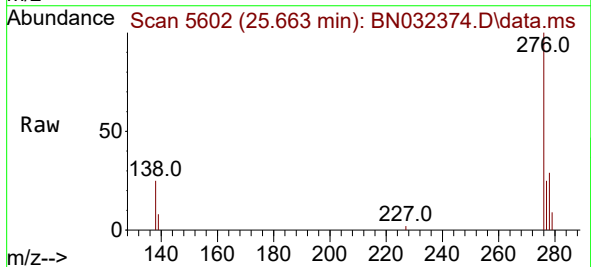


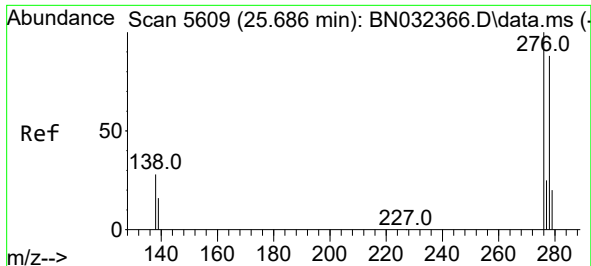
Tgt Ion:252 Resp: 205331
Ion Ratio Lower Upper
252 100
253 24.4 22.2 33.2
125 16.6 16.4 24.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.339 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.037 min
Lab File: BN032374.D
Acq: 01 Jul 2024 22:32

Tgt Ion:276 Resp: 248722
Ion Ratio Lower Upper
276 100
138 24.1 21.3 31.9
227 0.2 0.1 0.1#

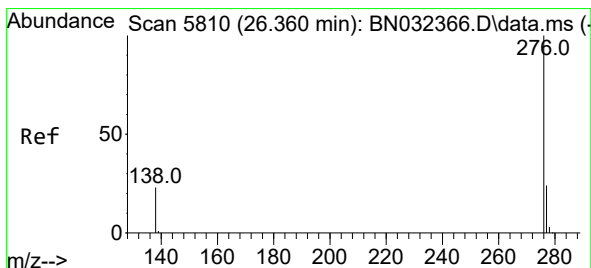
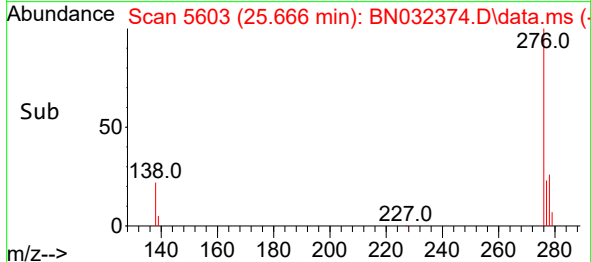
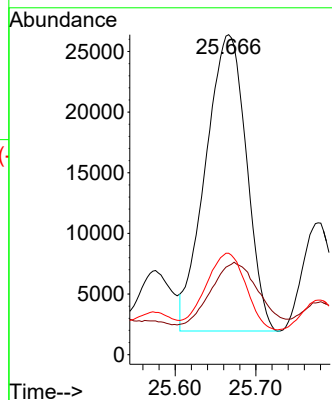
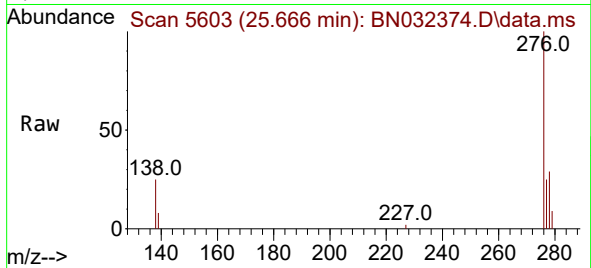




#28
Dibenzo(a,h)anthracene
Concen: 1.089 ng/ul
RT: 25.666 min Scan# 50
Delta R.T. -0.044 min
Lab File: BN032374.D
Acq: 01 Jul 2024 22:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 85993
Ion Ratio Lower Upper
278 100
139 27.8 15.9 23.9#
279 31.7 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.437 ng/ul
RT: 26.354 min Scan# 5808
Delta R.T. -0.027 min
Lab File: BN032374.D
Acq: 01 Jul 2024 22:32

Tgt Ion:276 Resp: 36990
Ion Ratio Lower Upper
276 100
138 33.7 19.8 29.6#
277 32.4 19.8 29.6#

