

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032474.D
 Acq On : 04 Jul 2024 15:09
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4396

Quant Time: Jul 04 23:06:33 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 : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

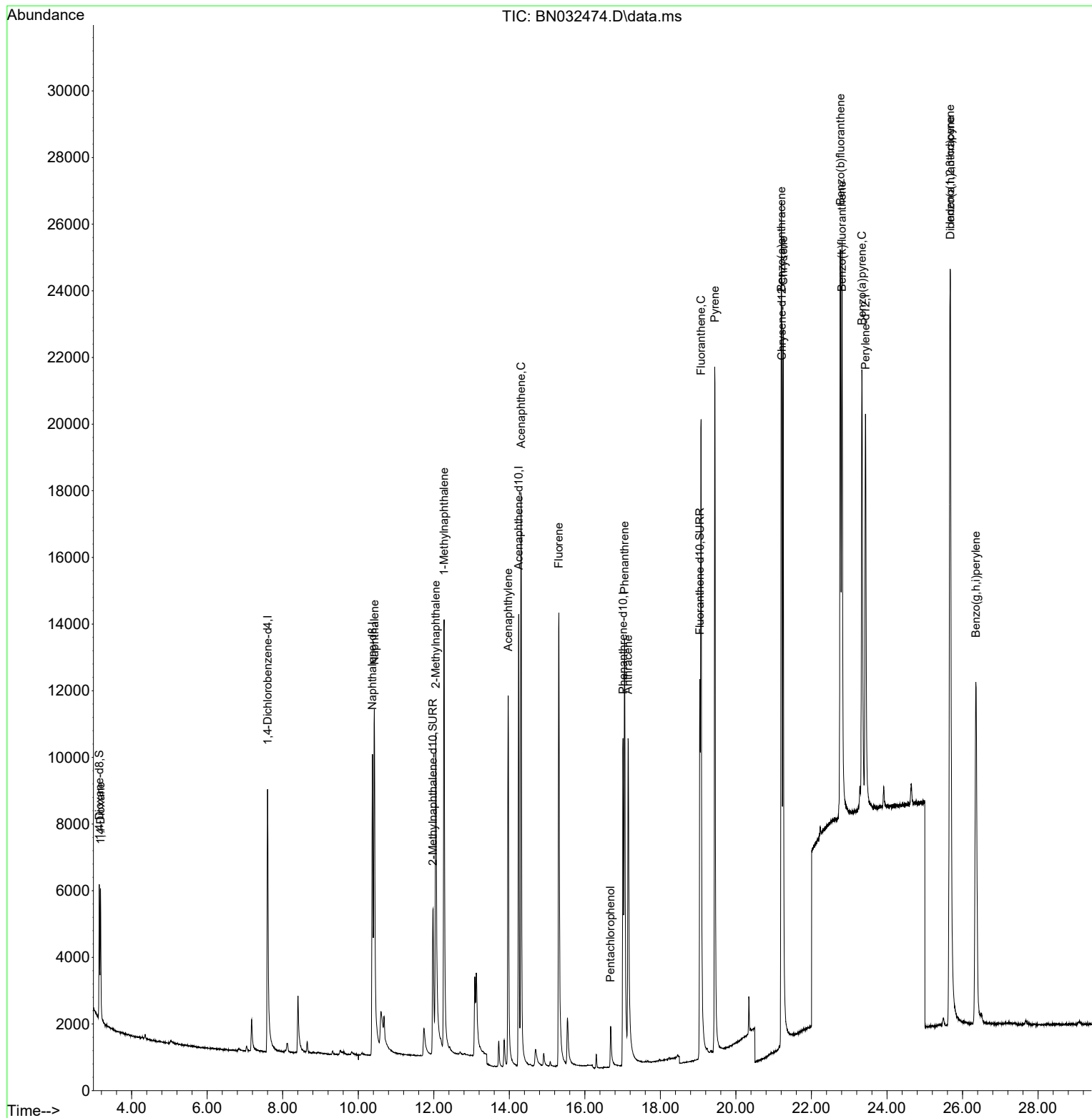
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	5600	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	16836	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164	8867	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	16250	0.400	ng/ul	0.00
17) Chrysene-d12	21.217	240	14528	0.400	ng/ul	0.00
23) Perylene-d12	23.433	264	17778	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	2766	0.444	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	9416	0.373	ng/ul	0.00
18) Fluoranthene-d10	19.045	212	16253	0.372	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.177	88	2995	0.423	ng/ul#	92
5) Naphthalene	10.426	128	18430	0.414	ng/ul	99
7) 2-Methylnaphthalene	12.054	142	10859	0.368	ng/ul	99
8) 1-Methylnaphthalene	12.274	142	11620	0.379	ng/ul	99
10) Acenaphthylene	13.971	152	16382	0.444	ng/ul	99
11) Acenaphthene	14.309	153	11927	0.417	ng/ul	98
12) Fluorene	15.313	166	12428	0.364	ng/ul	98
14) Pentachlorophenol	16.683	266	1534	0.417	ng/ul	98
15) Phenanthrene	17.054	178	17527	0.393	ng/ul	100
16) Anthracene	17.147	178	16344	0.411	ng/ul	98
19) Fluoranthene	19.078	202	20617	0.373	ng/ul	98
20) Pyrene	19.440	202	21652	0.375	ng/ul	98
21) Benzo(a)anthracene	21.203	228	21022	0.401	ng/ul	99
22) Chrysene	21.252	228	22525	0.391	ng/ul	98
24) Benzo(b)fluoranthene	22.766	252	24096	0.312	ng/ul	92
25) Benzo(k)fluoranthene	22.810	252	24178	0.322	ng/ul#	93
26) Benzo(a)pyrene	23.336	252	23283	0.433	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.673	276	29919	0.356	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.680	278	23860	0.382	ng/ul	96
29) Benzo(g,h,i)perylene	26.354	276	24461	0.365	ng/ul	96

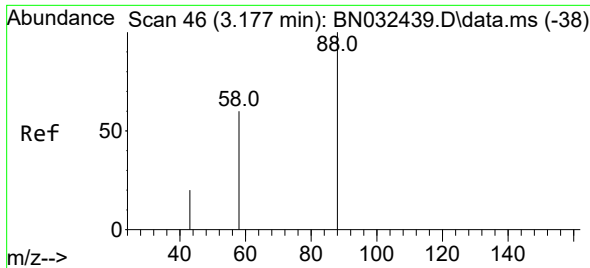
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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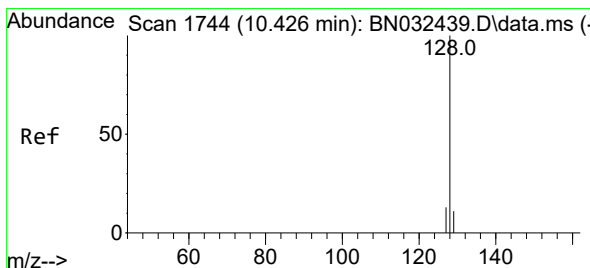
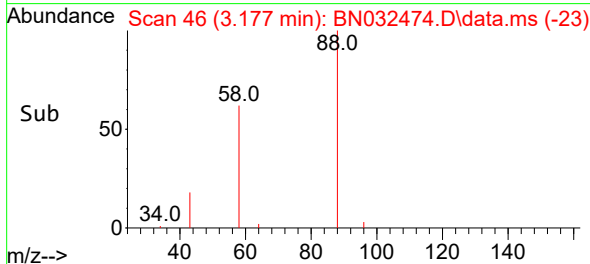
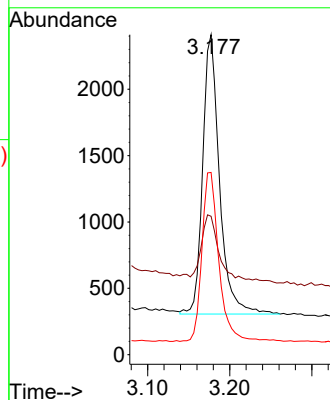
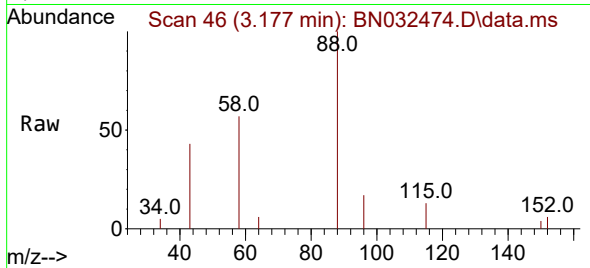




#2
 1,4-Dioxane
 Concen: 0.423 ng/ul
 RT: 3.177 min Scan# 46
 Delta R.T. -0.004 min
 Lab File: BN032474.D
 Acq: 04 Jul 2024 15:09

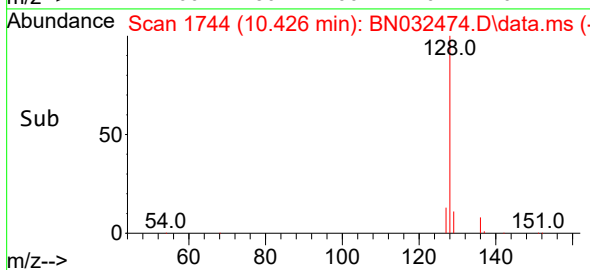
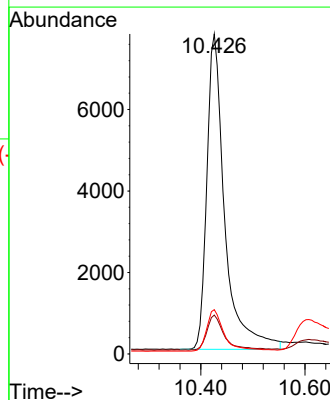
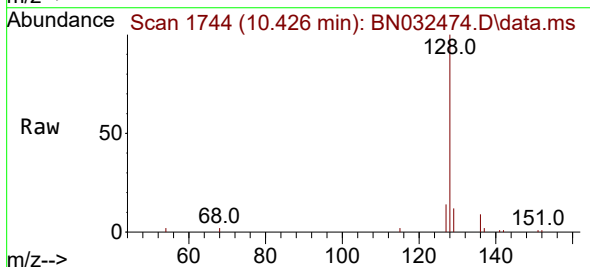
Instrument :
 BNA_N
 ClientSampleId :
 SST0.4396

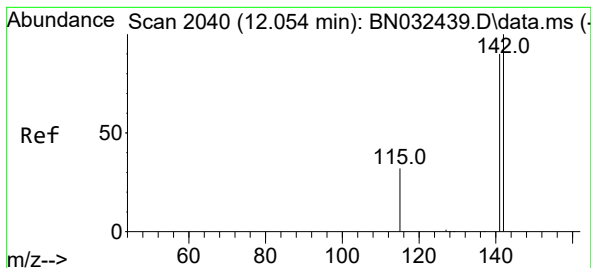
Tgt Ion: 88 Resp: 2995
 Ion Ratio Lower Upper
 88 100
 43 43.3 28.4 42.6#
 58 56.9 43.3 64.9



#5
 Naphthalene
 Concen: 0.414 ng/ul
 RT: 10.426 min Scan# 1744
 Delta R.T. -0.005 min
 Lab File: BN032474.D
 Acq: 04 Jul 2024 15:09

Tgt Ion: 128 Resp: 18430
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.2 13.8
 127 13.9 10.8 16.2

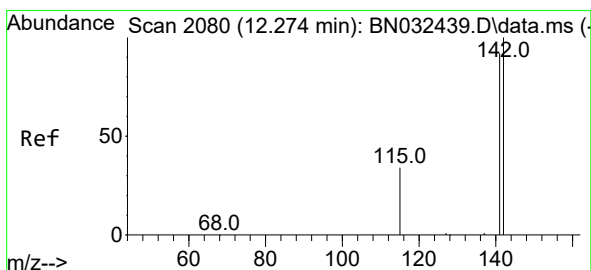
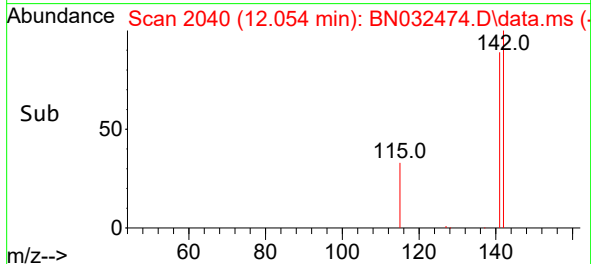
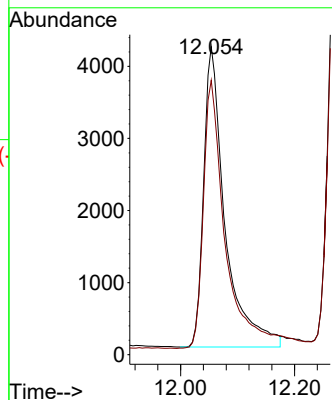
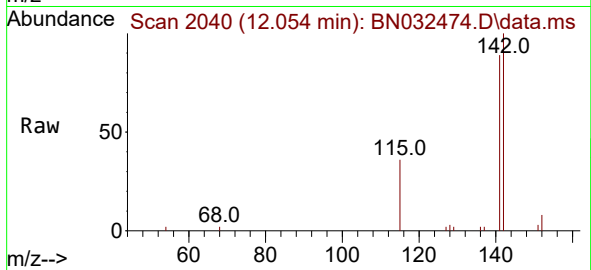




#7
2-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BN032474.D
Acq: 04 Jul 2024 15:09

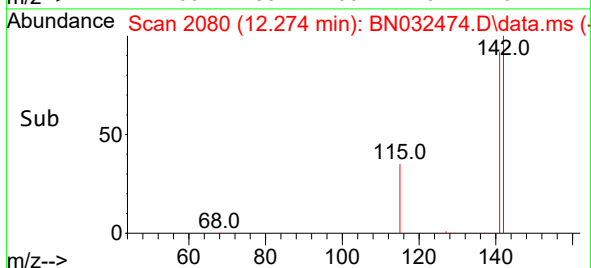
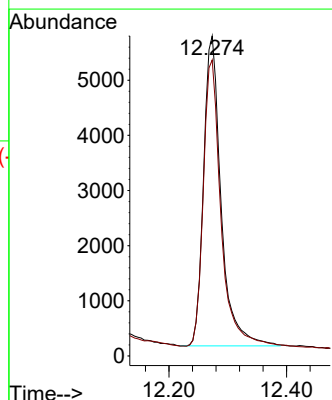
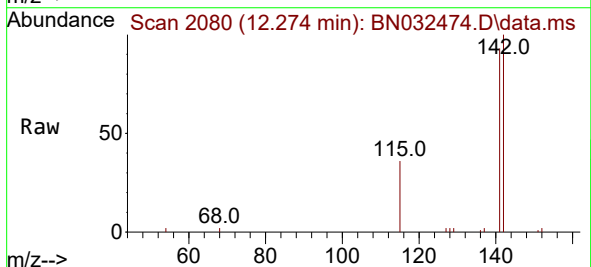
Instrument :
BNA_N
ClientSampleId :
SSTD0.4396

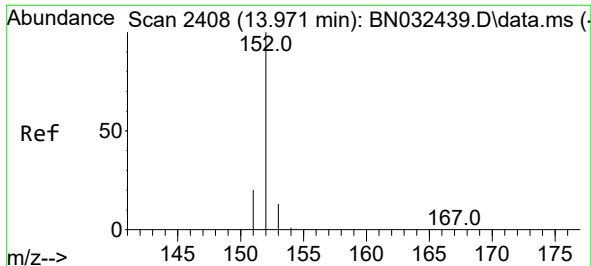
Tgt Ion:142 Resp: 10859
Ion Ratio Lower Upper
142 100
141 90.9 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BN032474.D
Acq: 04 Jul 2024 15:09

Tgt Ion:142 Resp: 11620
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.0

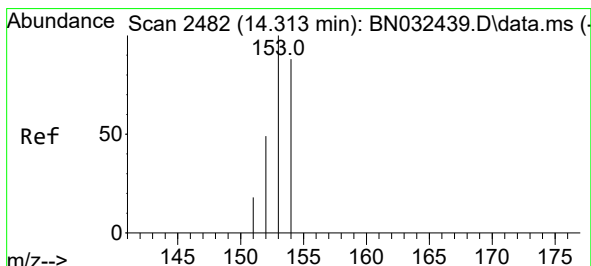
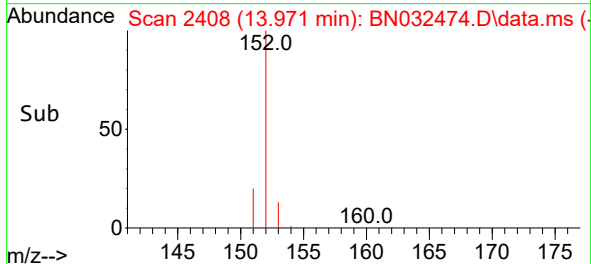
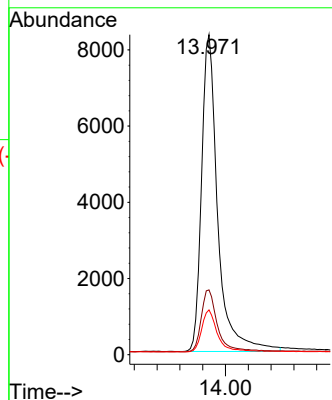
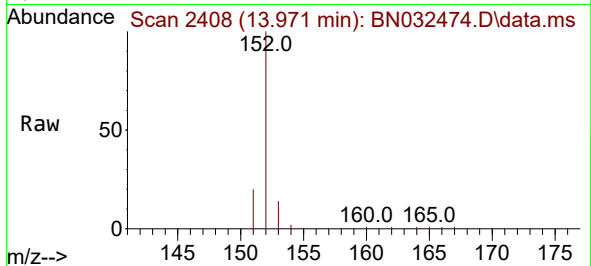




#10
Acenaphthylene
Concen: 0.444 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN032474.D
Acq: 04 Jul 2024 15:09

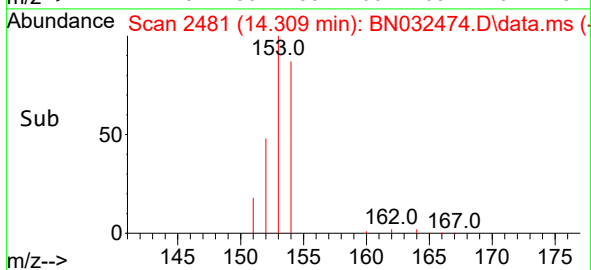
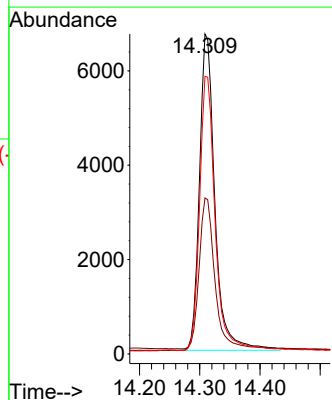
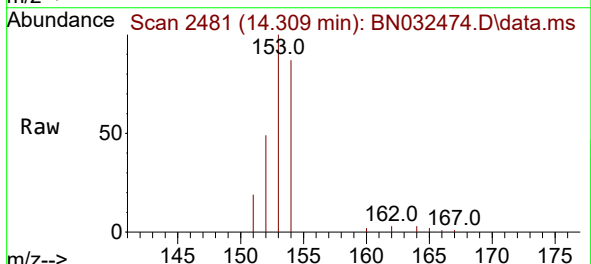
Instrument :
BNA_N
ClientSampleId :
SSTD0.4396

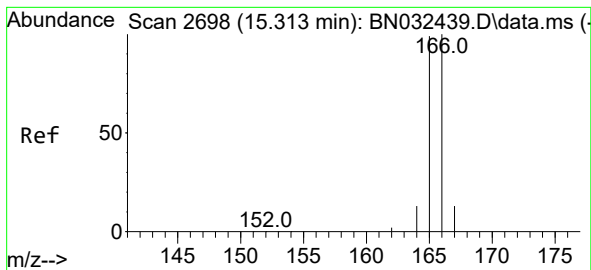
Tgt Ion:152 Resp: 16382
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 14.0 10.9 16.3



#11
Acenaphthene
Concen: 0.417 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032474.D
Acq: 04 Jul 2024 15:09

Tgt Ion:153 Resp: 11927
Ion Ratio Lower Upper
153 100
152 48.7 39.5 59.3
154 86.8 71.7 107.5





#12

Fluorene

Concen: 0.364 ng/ul

RT: 15.313 min Scan# 2

Delta R.T. 0.000 min

Lab File: BN032474.D

Acq: 04 Jul 2024 15:09

Instrument :

BNA_N

ClientSampleId :

SSTD0.4396

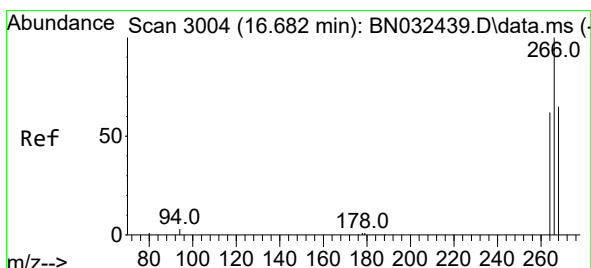
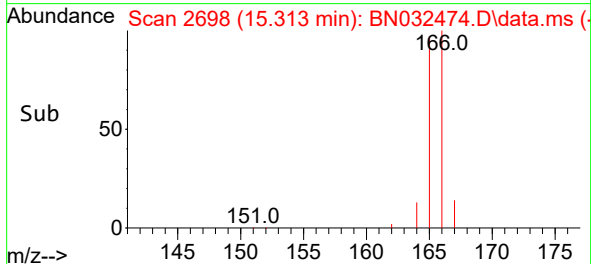
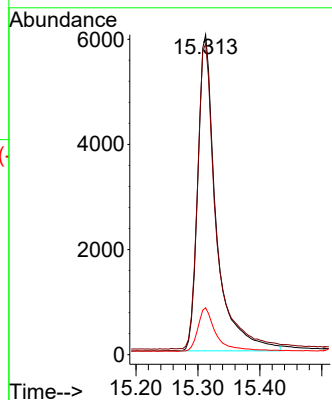
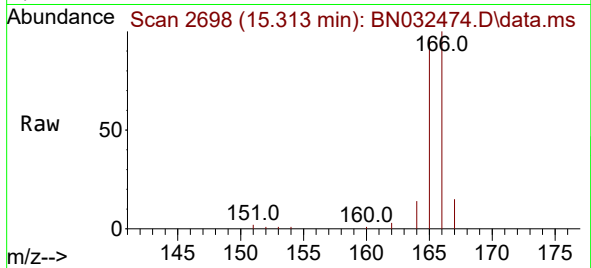
Tgt Ion:166 Resp: 12428

Ion Ratio Lower Upper

166 100

165 97.2 79.0 118.6

167 14.6 11.0 16.6



#14

Pentachlorophenol

Concen: 0.417 ng/ul

RT: 16.683 min Scan# 3004

Delta R.T. 0.009 min

Lab File: BN032474.D

Acq: 04 Jul 2024 15:09

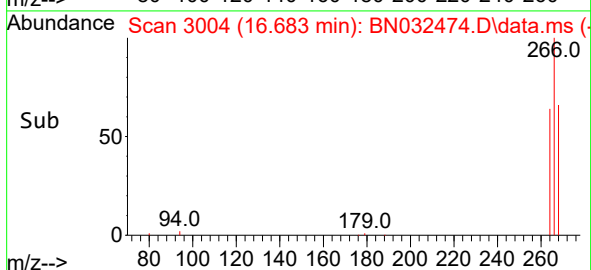
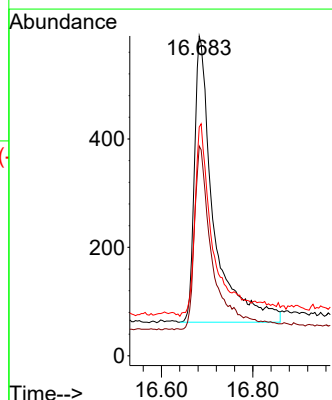
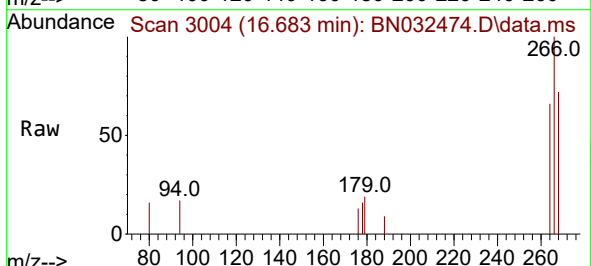
Tgt Ion:266 Resp: 1534

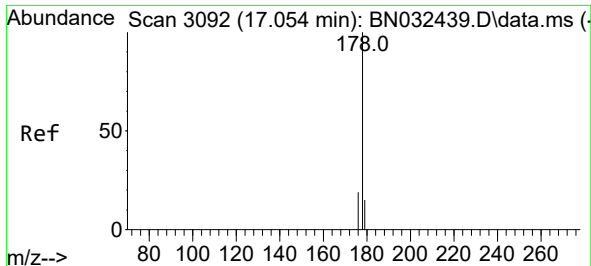
Ion Ratio Lower Upper

266 100

264 61.3 49.9 74.9

268 67.8 52.4 78.6

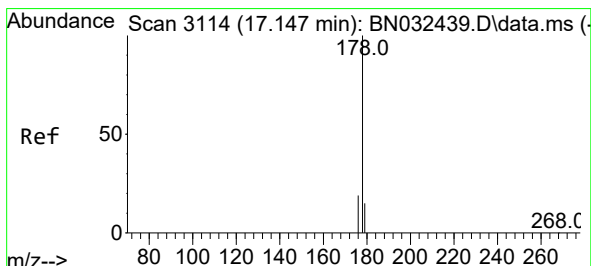
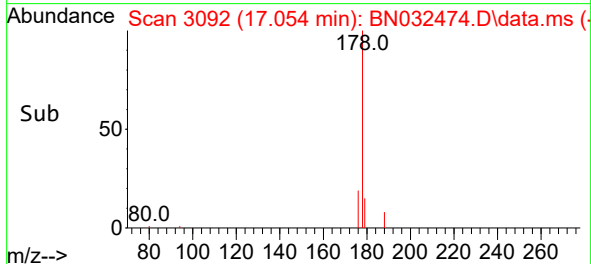
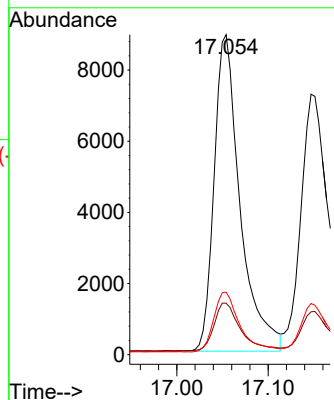
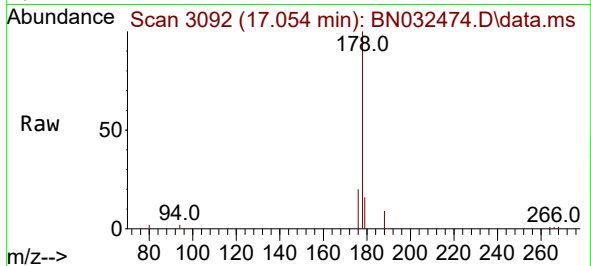




#15
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.054 min Scan# 3092
Delta R.T. 0.004 min
Lab File: BN032474.D
Acq: 04 Jul 2024 15:09

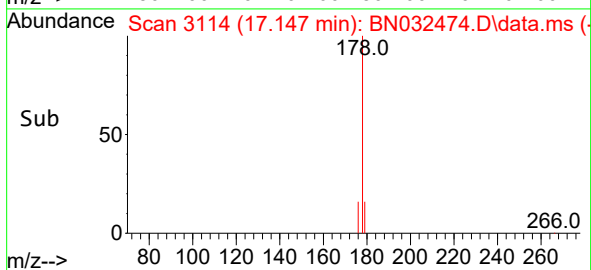
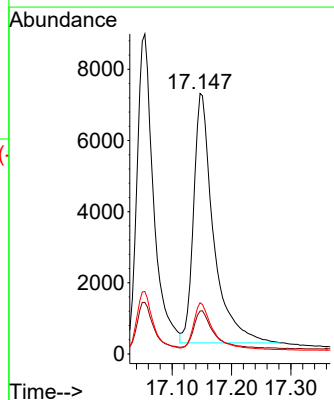
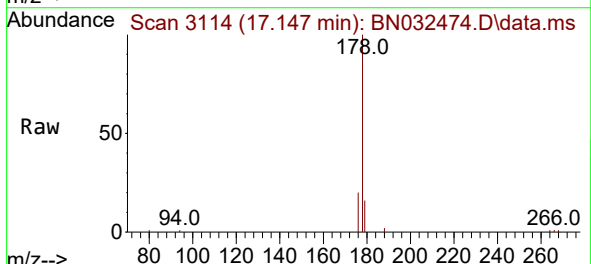
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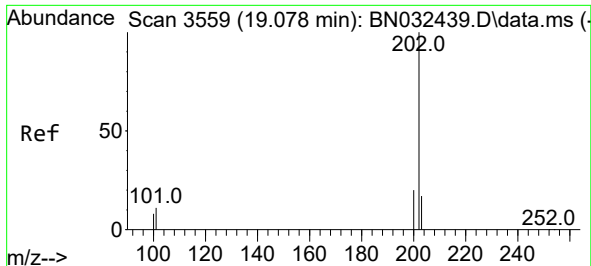
Tgt Ion:	178	Resp:	17527
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.6	18.8
176	19.5	15.6	23.4



#16
Anthracene
Concen: 0.411 ng/ul
RT: 17.147 min Scan# 3114
Delta R.T. 0.004 min
Lab File: BN032474.D
Acq: 04 Jul 2024 15:09

Tgt Ion:	178	Resp:	16344
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.5	18.7
176	19.7	15.0	22.6

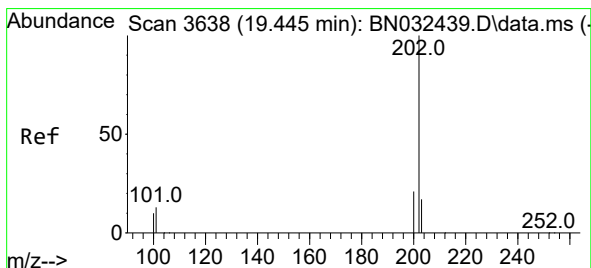
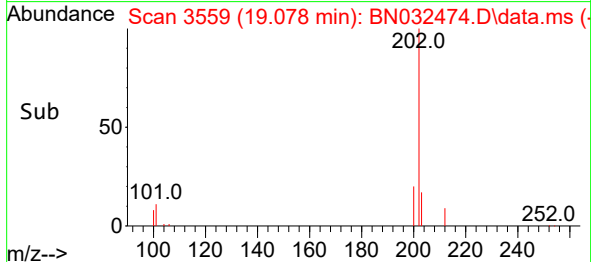
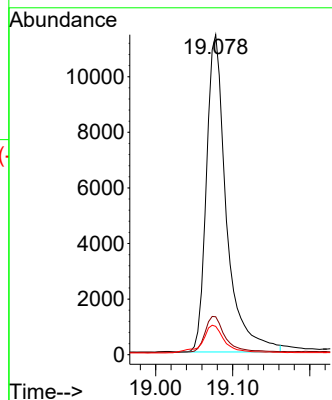
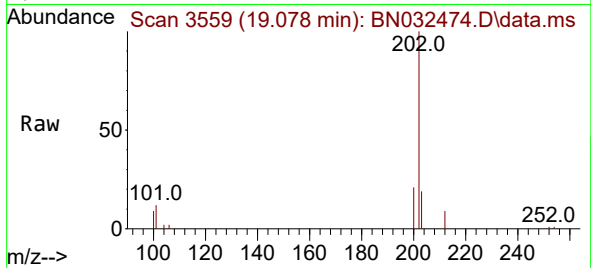




#19
Fluoranthene
Concen: 0.373 ng/ul
RT: 19.078 min Scan# 3559
Delta R.T. 0.005 min
Lab File: BN032474.D
Acq: 04 Jul 2024 15:09

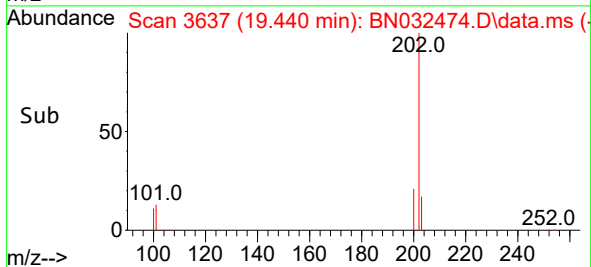
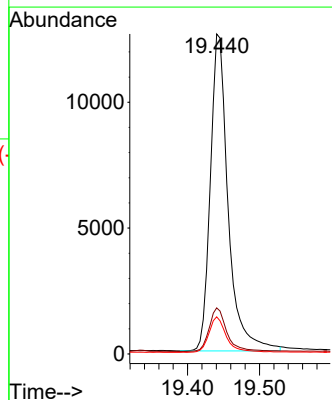
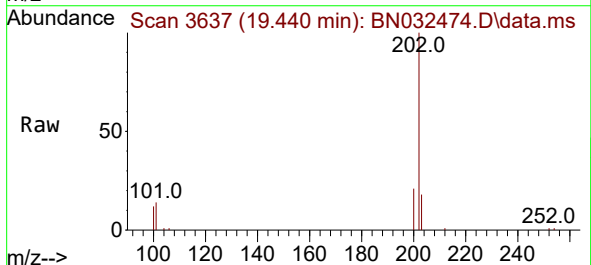
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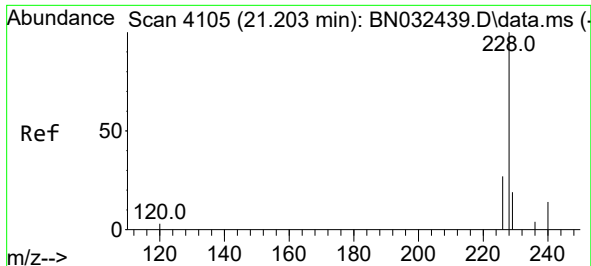
Tgt Ion:202 Resp: 20617
Ion Ratio Lower Upper
202 100
101 11.8 8.8 13.2
100 8.8 6.4 9.6



#20
Pyrene
Concen: 0.375 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BN032474.D
Acq: 04 Jul 2024 15:09

Tgt Ion:202 Resp: 21652
Ion Ratio Lower Upper
202 100
101 14.4 11.0 16.4
100 11.6 8.7 13.1

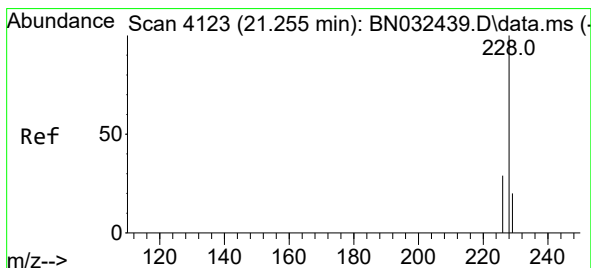
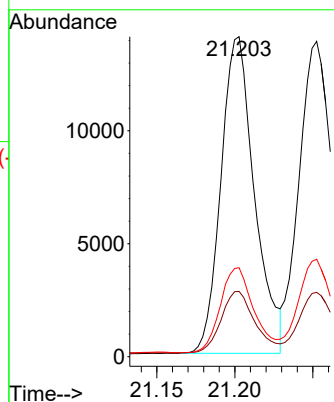
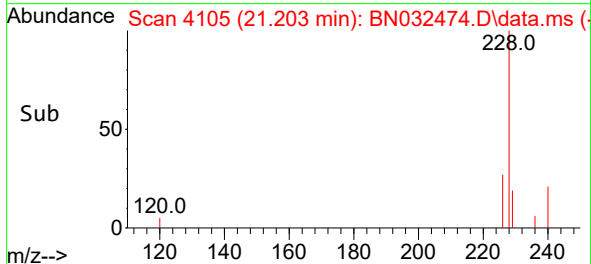
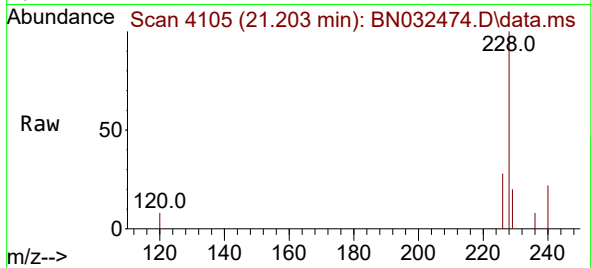




#21
Benzo(a)anthracene
Concen: 0.401 ng/ul
RT: 21.203 min Scan# 4105
Delta R.T. 0.012 min
Lab File: BN032474.D
Acq: 04 Jul 2024 15:09

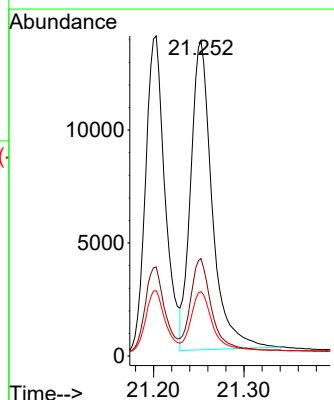
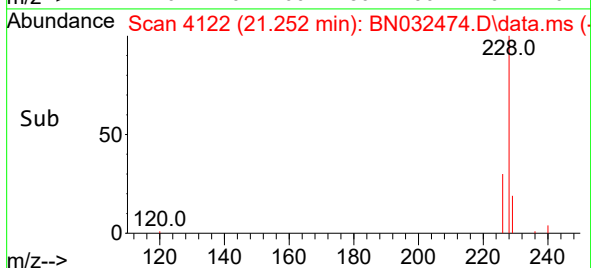
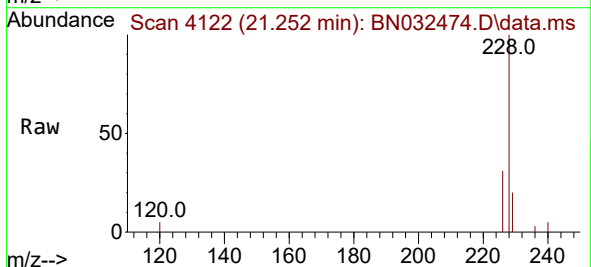
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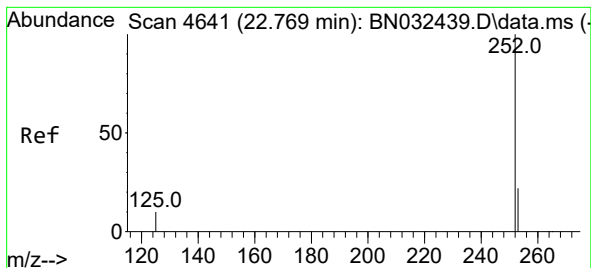
Tgt Ion:228 Resp: 21022
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 27.8 21.8 32.8



#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.252 min Scan# 4122
Delta R.T. 0.009 min
Lab File: BN032474.D
Acq: 04 Jul 2024 15:09

Tgt Ion:228 Resp: 22525
Ion Ratio Lower Upper
228 100
226 30.9 23.6 35.4
229 20.4 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.312 ng/ul

RT: 22.766 min Scan# 4641

Delta R.T. 0.009 min

Lab File: BN032474.D

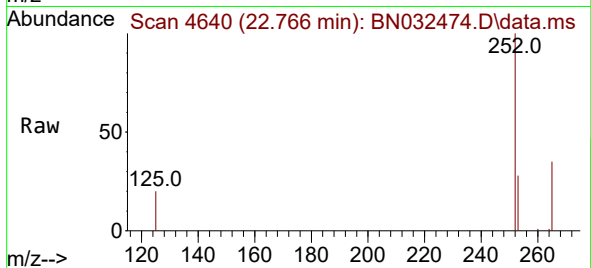
Acq: 04 Jul 2024 15:09

Instrument :

BNA_N

ClientSampleId :

SSTD0.4396



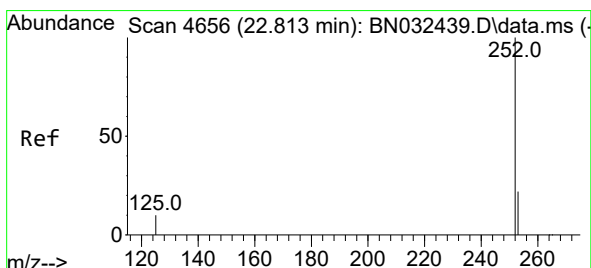
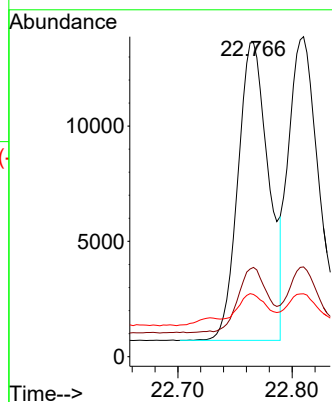
Tgt Ion:252 Resp: 24096

Ion Ratio Lower Upper

252 100

253 28.4 0.0 50.2

125 19.8 0.0 32.0



#25

Benzo(k)fluoranthene

Concen: 0.322 ng/ul

RT: 22.810 min Scan# 4655

Delta R.T. 0.009 min

Lab File: BN032474.D

Acq: 04 Jul 2024 15:09

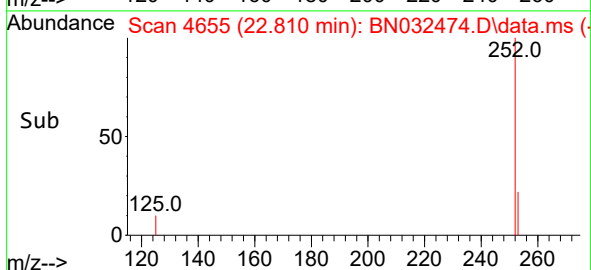
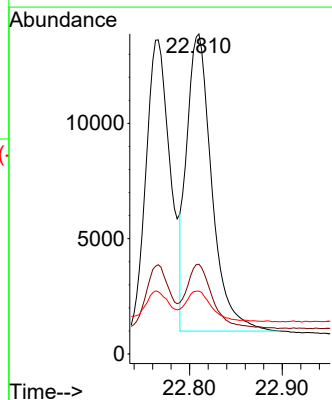
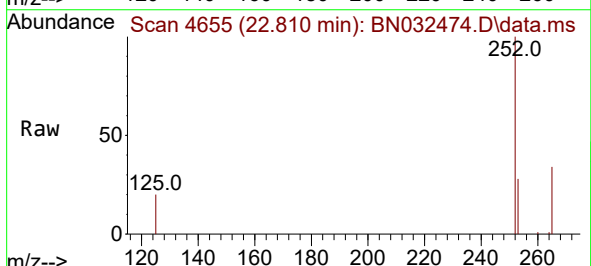
Tgt Ion:252 Resp: 24178

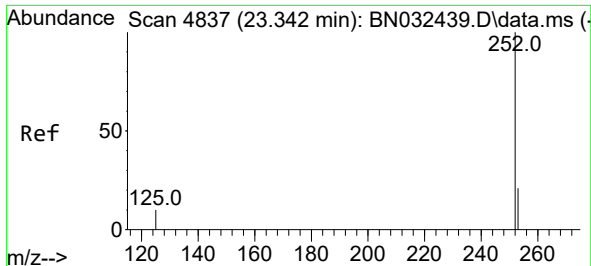
Ion Ratio Lower Upper

252 100

253 28.1 20.3 30.5

125 19.6 12.8 19.2#

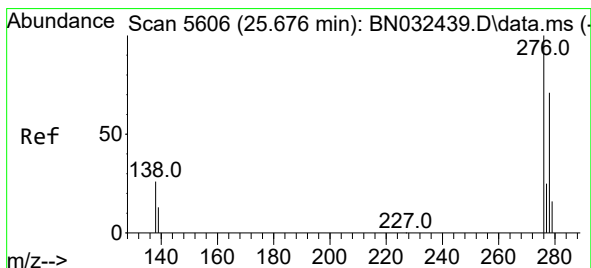
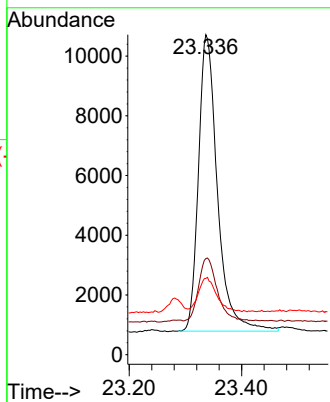
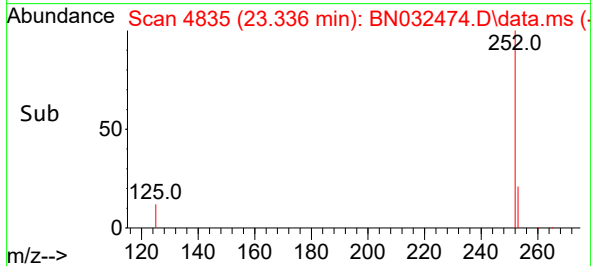
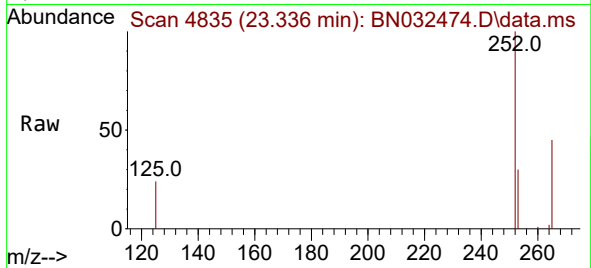




#26
Benzo(a)pyrene
Concen: 0.433 ng/ul
RT: 23.336 min Scan# 4835
Delta R.T. 0.009 min
Lab File: BN032474.D
Acq: 04 Jul 2024 15:09

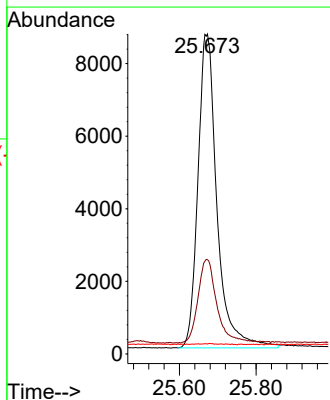
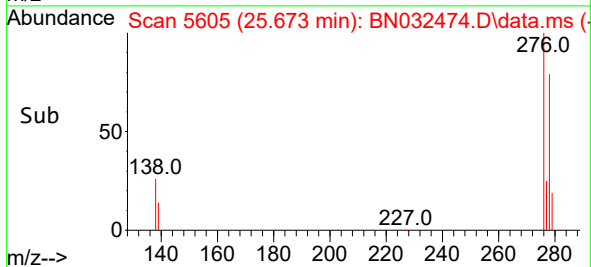
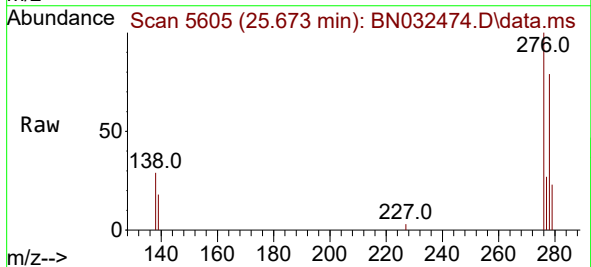
Instrument :
BNA_N
ClientSampleId :
SSTD0.4396

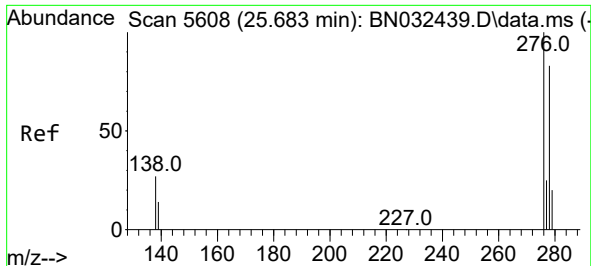
Tgt Ion:252 Resp: 23283
Ion Ratio Lower Upper
252 100
253 30.1 22.2 33.2
125 23.8 16.4 24.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng/ul
RT: 25.673 min Scan# 5605
Delta R.T. 0.013 min
Lab File: BN032474.D
Acq: 04 Jul 2024 15:09

Tgt Ion:276 Resp: 29919
Ion Ratio Lower Upper
276 100
138 26.7 21.3 31.9
227 0.1 0.1 0.1#

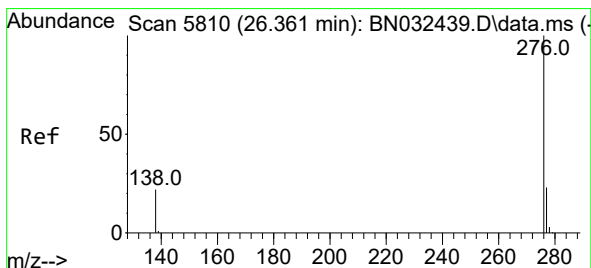
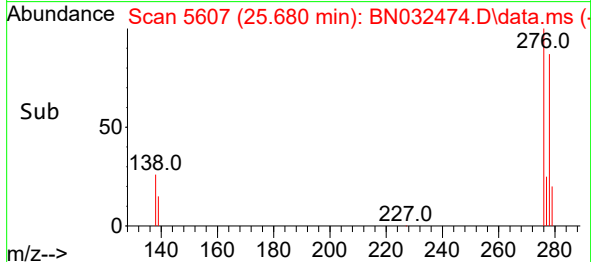
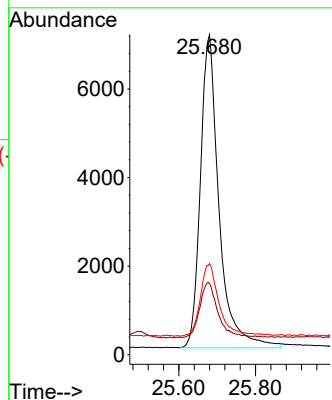
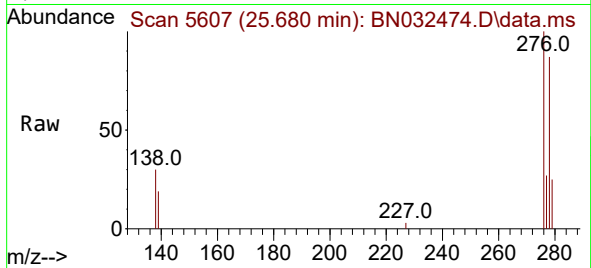




#28
 Dibenzo(a,h)anthracene
 Concen: 0.382 ng/ul
 RT: 25.680 min Scan# 5608
 Delta R.T. 0.013 min
 Lab File: BN032474.D
 Acq: 04 Jul 2024 15:09

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4396

Tgt Ion:278 Resp: 23860
 Ion Ratio Lower Upper
 278 100
 139 22.2 15.9 23.9
 279 28.4 21.1 31.7



#29
 Benzo(g,h,i)perylene
 Concen: 0.365 ng/ul
 RT: 26.354 min Scan# 5808
 Delta R.T. 0.010 min
 Lab File: BN032474.D
 Acq: 04 Jul 2024 15:09

Tgt Ion:276 Resp: 24461
 Ion Ratio Lower Upper
 276 100
 138 26.7 19.8 29.6
 277 26.3 19.8 29.6

