

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032628.D
 Acq On : 11 Jul 2024 10:29
 Operator : MA/JU
 Sample : SSTD0.409
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4239

Quant Time: Jul 12 01:32:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:27:09 2024
 Response via : Initial Calibration

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

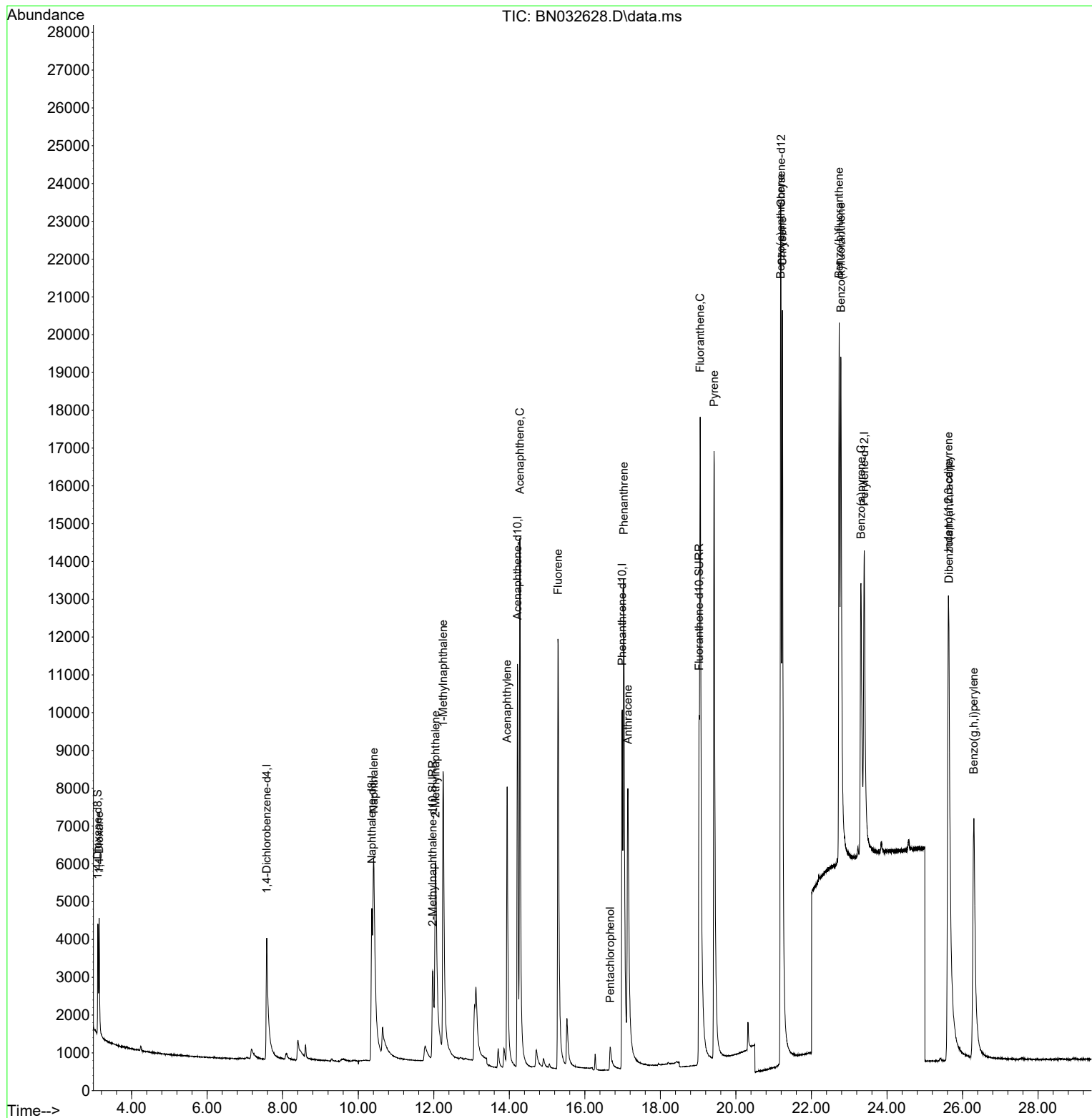
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	4009	0.400	ng/ul	0.00
4) Naphthalene-d8	10.360	136	13071	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	8475	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.991	188	18870	0.400	ng/ul	0.00
17) Chrysene-d12	21.194	240	15447	0.400	ng/ul	0.00
23) Perylene-d12	23.398	264	15389	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	2036	0.383	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	7819	0.417	ng/ul	0.00
18) Fluoranthene-d10	19.027	212	19334	0.409	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.139	88	2345	0.388	ng/ul	100
5) Naphthalene	10.409	128	13922	0.413	ng/ul	100
7) 2-Methylnaphthalene	12.048	142	8930	0.413	ng/ul	100
8) 1-Methylnaphthalene	12.246	142	9103	0.396	ng/ul	100
10) Acenaphthylene	13.943	152	13488	0.394	ng/ul	100
11) Acenaphthene	14.281	153	11241	0.397	ng/ul	100
12) Fluorene	15.289	166	12925	0.399	ng/ul	100
14) Pentachlorophenol	16.670	266	1150	0.347	ng/ul	100
15) Phenanthrene	17.029	178	20134	0.392	ng/ul	100
16) Anthracene	17.138	178	16605	0.395	ng/ul	100
19) Fluoranthene	19.055	202	24106	0.408	ng/ul	100
20) Pyrene	19.422	202	24936	0.400	ng/ul	100
21) Benzo(a)anthracene	21.182	228	18537	0.377	ng/ul	100
22) Chrysene	21.232	228	27498	0.421	ng/ul	100
24) Benzo(b)fluoranthene	22.734	252	20146	0.371	ng/ul	100
25) Benzo(k)fluoranthene	22.778	252	25847	0.451	ng/ul	100
26) Benzo(a)pyrene	23.310	252	18035	0.384	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.626	276	23689	0.372	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.639	278	18322	0.372	ng/ul	100
29) Benzo(g,h,i)perylene	26.300	276	19710	0.371	ng/ul	100

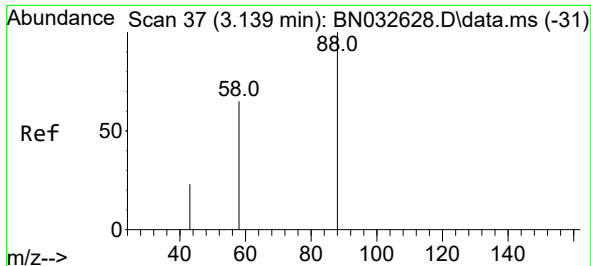
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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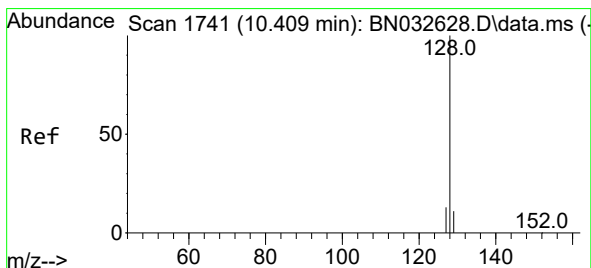
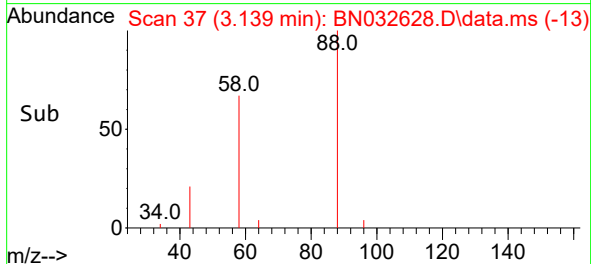
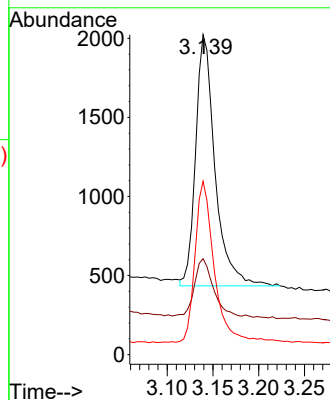
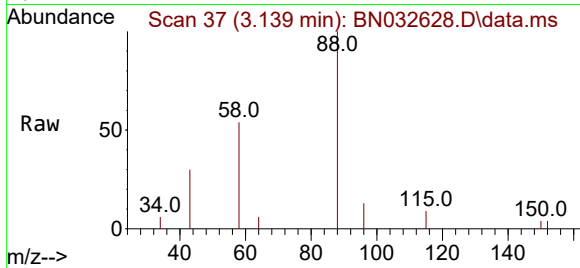




#2
1,4-Dioxane
Concen: 0.388 ng/ul
RT: 3.139 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN032628.D
Acq: 11 Jul 2024 10:29

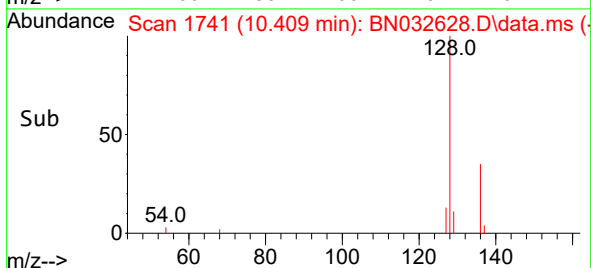
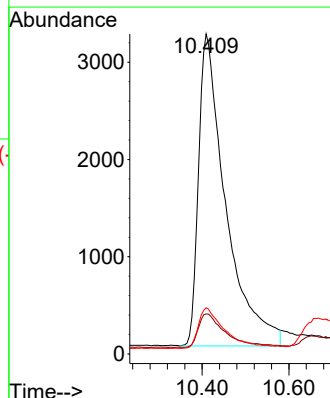
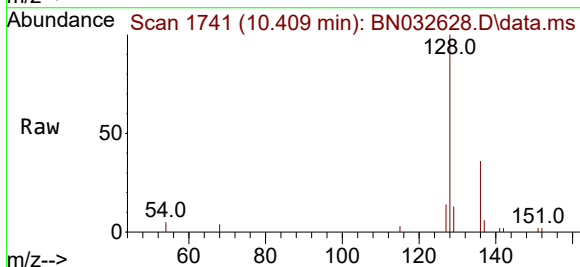
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

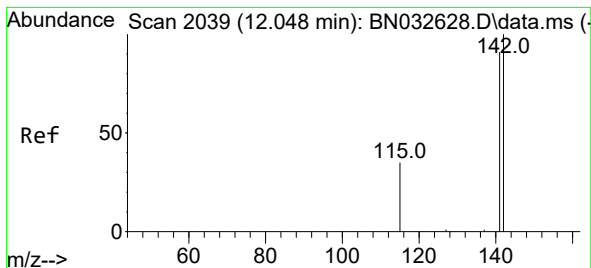
Tgt Ion: 88 Resp: 2345
Ion Ratio Lower Upper
88 100
43 30.0 24.0 36.0
58 54.1 43.3 64.9



#5
Naphthalene
Concen: 0.413 ng/ul
RT: 10.409 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BN032628.D
Acq: 11 Jul 2024 10:29

Tgt Ion: 128 Resp: 13922
Ion Ratio Lower Upper
128 100
129 12.5 10.0 15.0
127 14.5 11.6 17.4

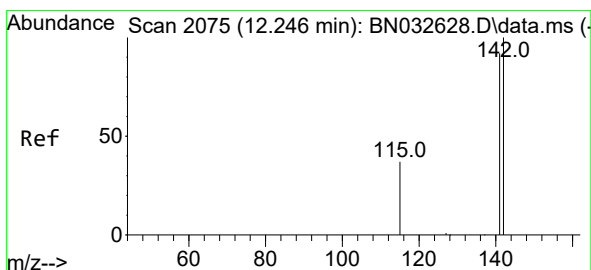
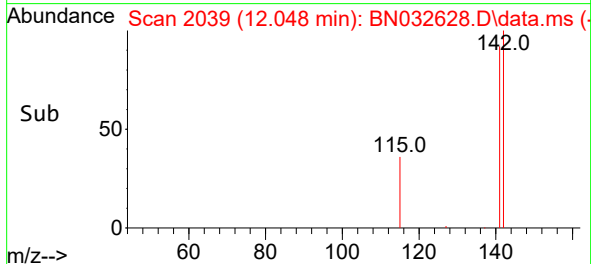
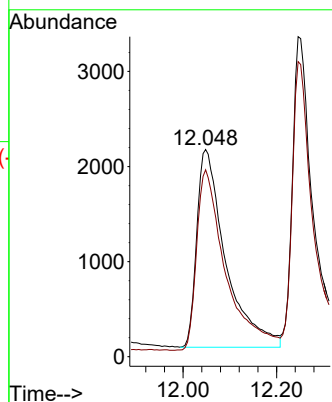
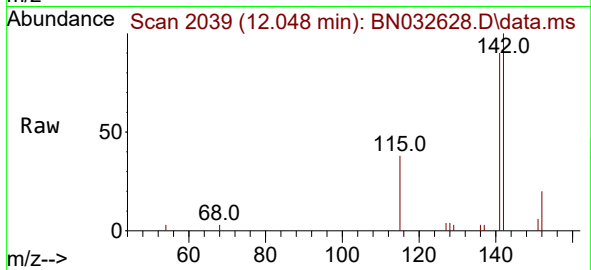




#7
2-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BN032628.D
Acq: 11 Jul 2024 10:29

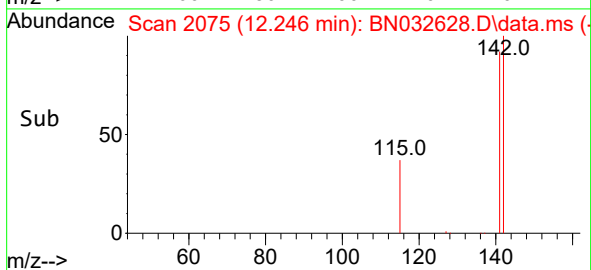
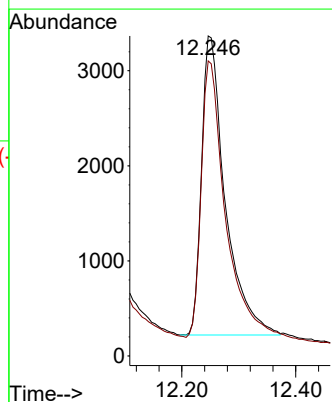
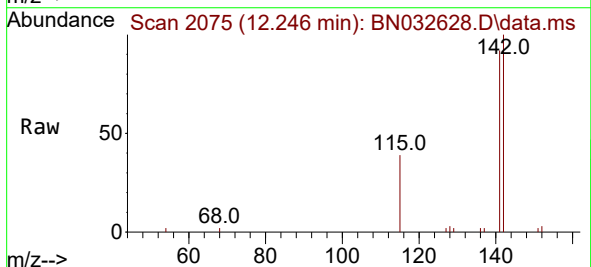
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

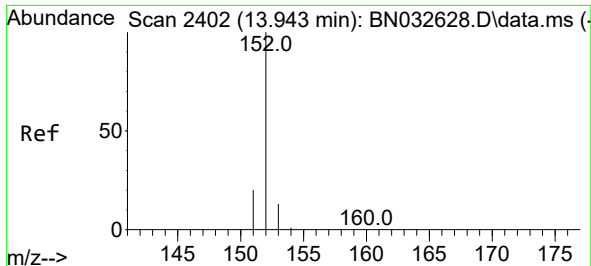
Tgt Ion:142 Resp: 8930
Ion Ratio Lower Upper
142 100
141 92.5 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.246 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BN032628.D
Acq: 11 Jul 2024 10:29

Tgt Ion:142 Resp: 9103
Ion Ratio Lower Upper
142 100
141 93.7 75.0 112.4

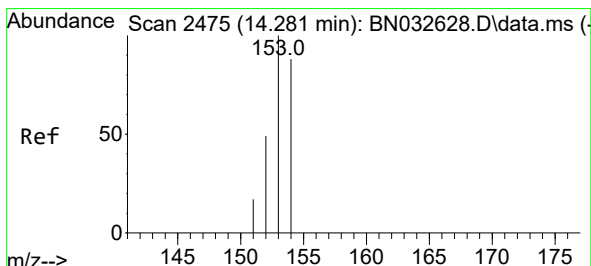
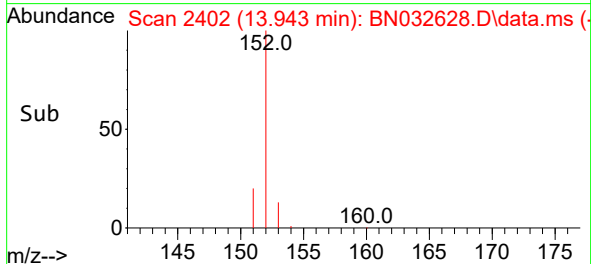
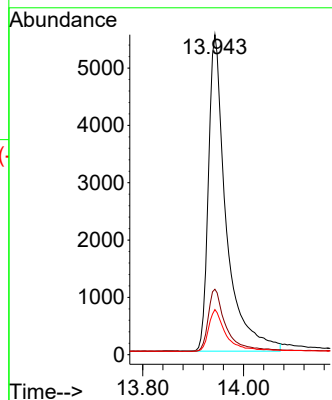
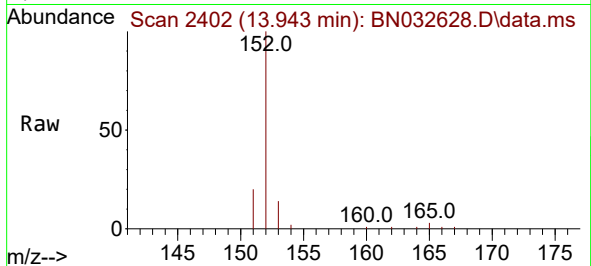




#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 13.943 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032628.D
Acq: 11 Jul 2024 10:29

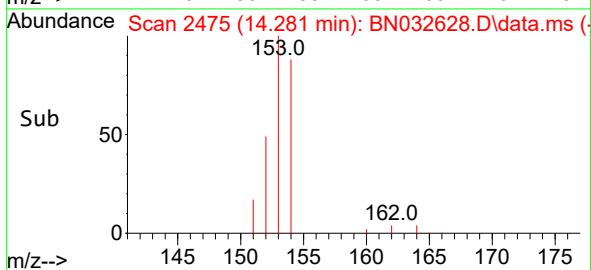
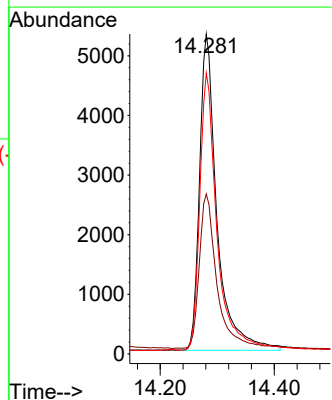
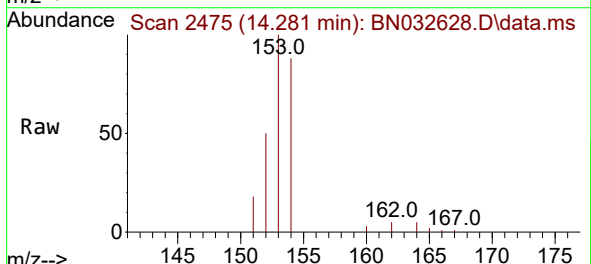
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

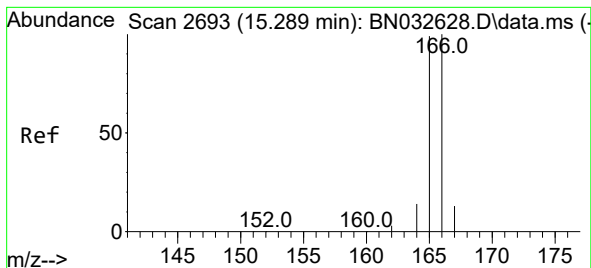
Tgt Ion:152 Resp: 13488
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.1 11.3 16.9



#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.281 min Scan# 2475
Delta R.T. 0.000 min
Lab File: BN032628.D
Acq: 11 Jul 2024 10:29

Tgt Ion:153 Resp: 11241
Ion Ratio Lower Upper
153 100
152 50.0 40.0 60.0
154 87.8 70.2 105.4





#12

Fluorene

Concen: 0.399 ng/ul

RT: 15.289 min Scan# 2693

Delta R.T. 0.000 min

Lab File: BN032628.D

Acq: 11 Jul 2024 10:29

Instrument :

BNA_N

ClientSampleId :

SSTD0.4239

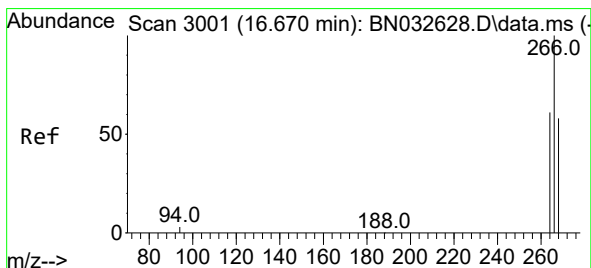
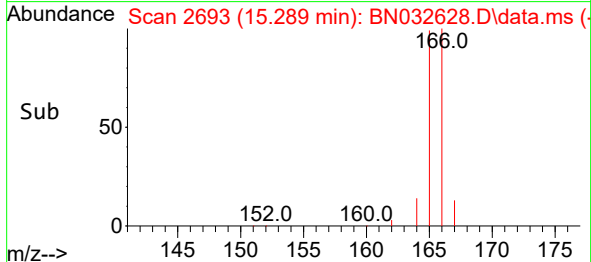
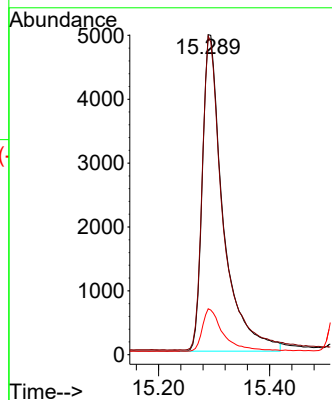
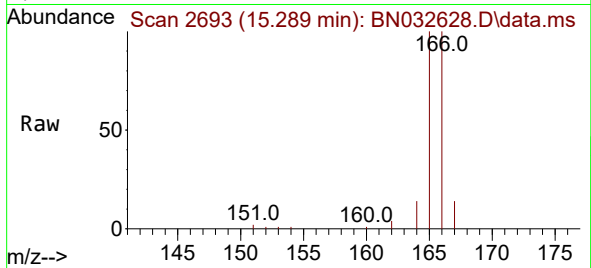
Tgt Ion:166 Resp: 12925

Ion Ratio Lower Upper

166 100

165 99.6 79.7 119.5

167 14.3 11.4 17.2



#14

Pentachlorophenol

Concen: 0.347 ng/ul

RT: 16.670 min Scan# 3001

Delta R.T. 0.000 min

Lab File: BN032628.D

Acq: 11 Jul 2024 10:29

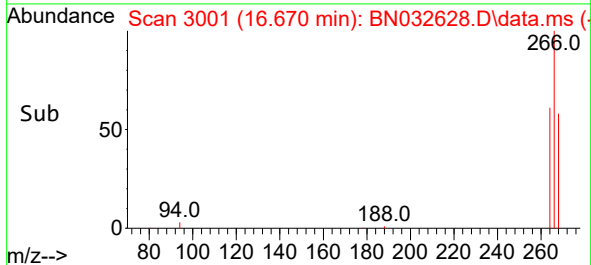
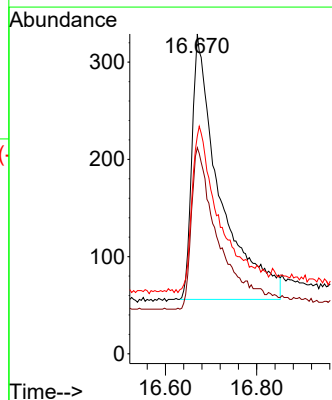
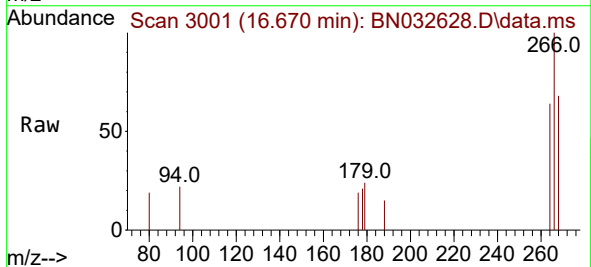
Tgt Ion:266 Resp: 1150

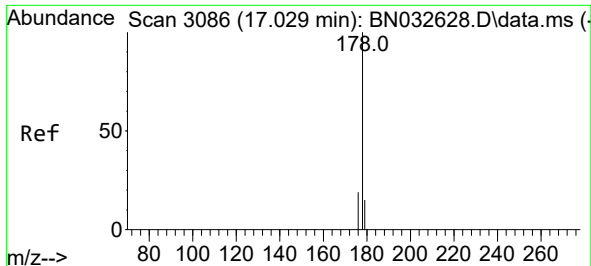
Ion Ratio Lower Upper

266 100

264 61.8 49.4 74.2

268 64.5 51.6 77.4

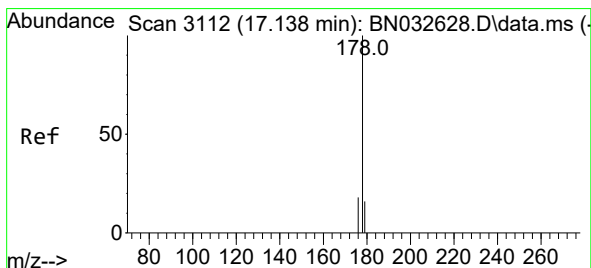
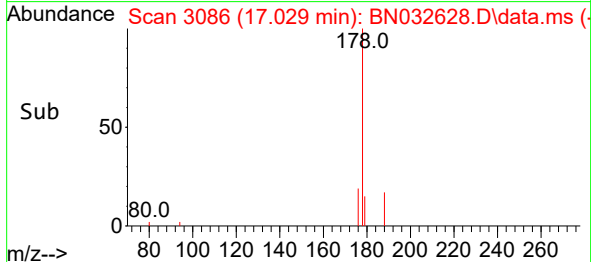
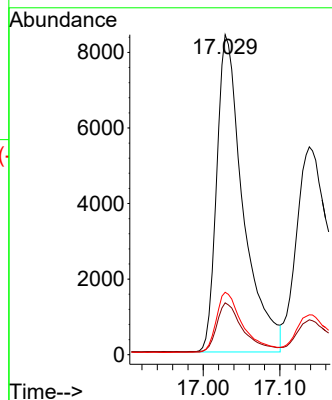
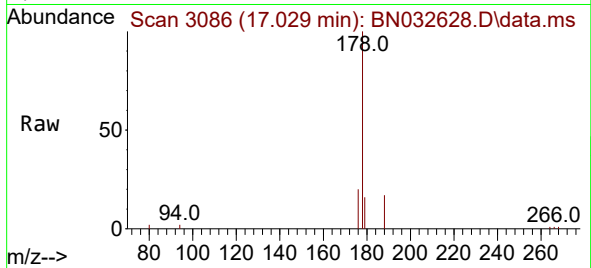




#15
Phenanthrene
Concen: 0.392 ng/ul
RT: 17.029 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BN032628.D
Acq: 11 Jul 2024 10:29

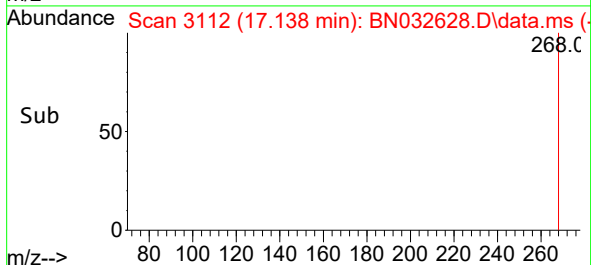
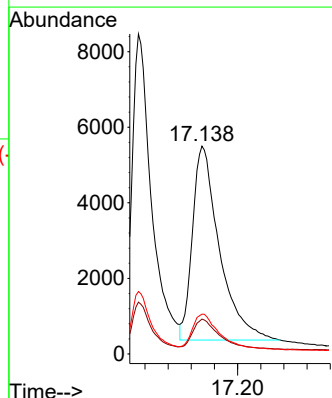
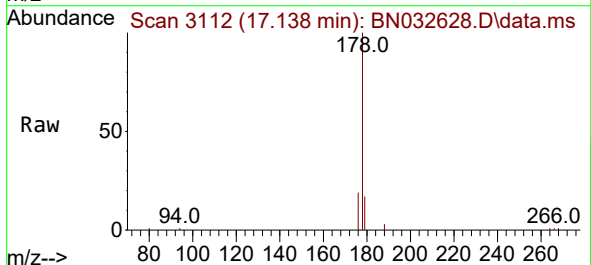
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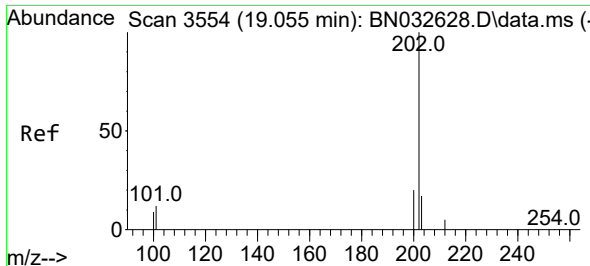
Tgt Ion:178 Resp: 20134
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.395 ng/ul
RT: 17.138 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BN032628.D
Acq: 11 Jul 2024 10:29

Tgt Ion:178 Resp: 16605
Ion Ratio Lower Upper
178 100
179 16.8 13.4 20.2
176 19.2 15.4 23.0

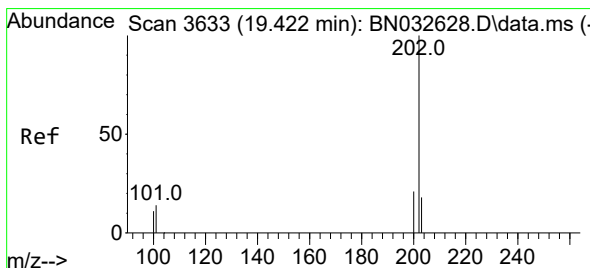
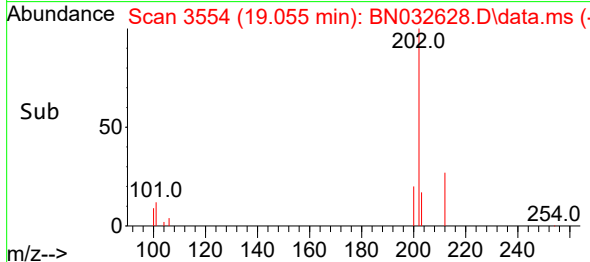
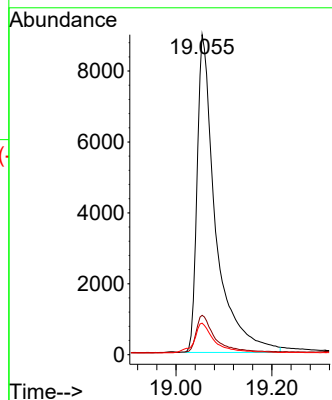
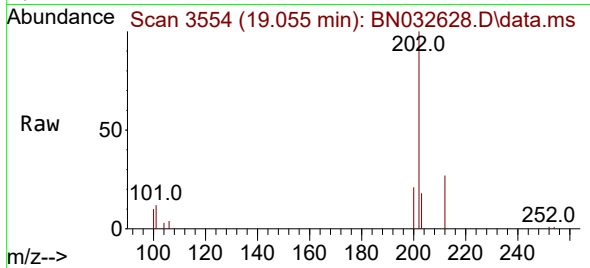




#19
Fluoranthene
Concen: 0.408 ng/ul
RT: 19.055 min Scan# 3554
Delta R.T. 0.000 min
Lab File: BN032628.D
Acq: 11 Jul 2024 10:29

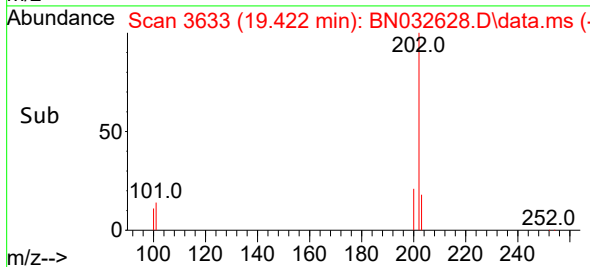
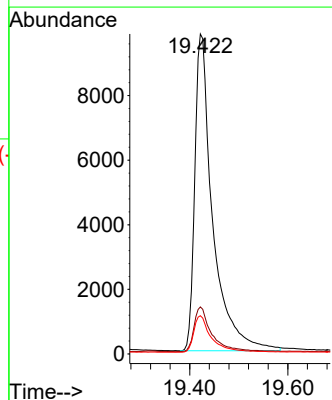
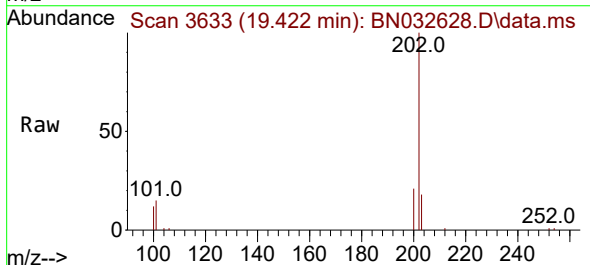
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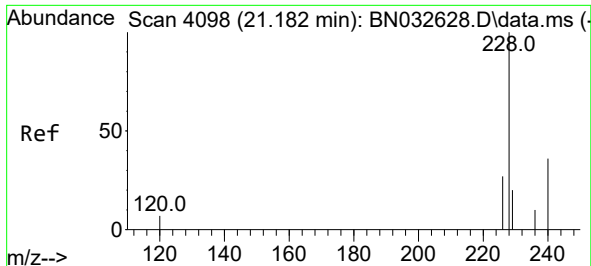
Tgt Ion:202 Resp: 24106
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 9.9 7.9 11.9



#20
Pyrene
Concen: 0.400 ng/ul
RT: 19.422 min Scan# 3633
Delta R.T. 0.000 min
Lab File: BN032628.D
Acq: 11 Jul 2024 10:29

Tgt Ion:202 Resp: 24936
Ion Ratio Lower Upper
202 100
101 14.7 11.8 17.6
100 12.0 9.6 14.4

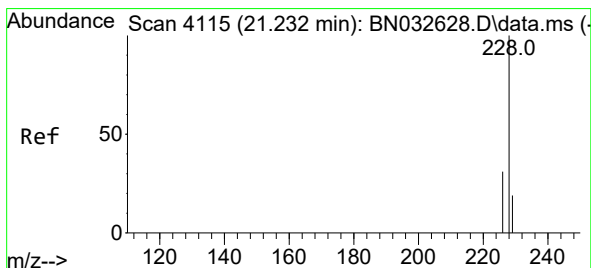
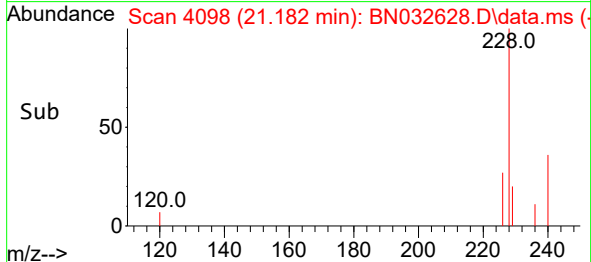
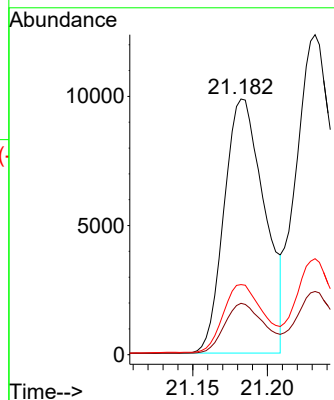
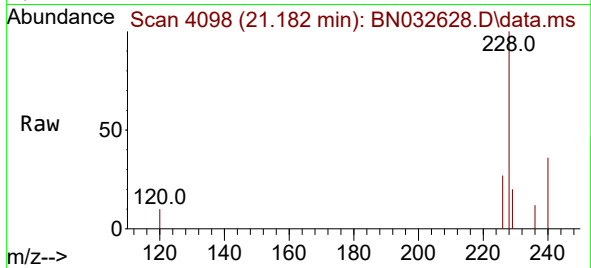




#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.182 min Scan# 4098
Delta R.T. 0.000 min
Lab File: BN032628.D
Acq: 11 Jul 2024 10:29

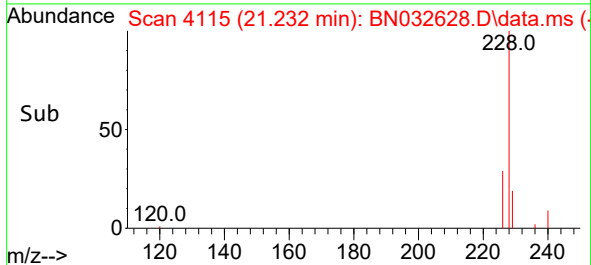
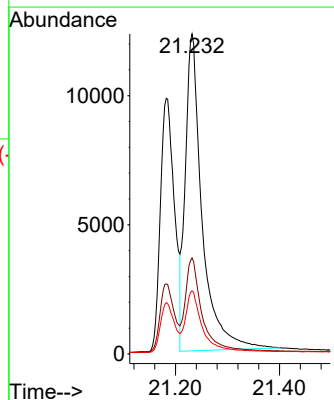
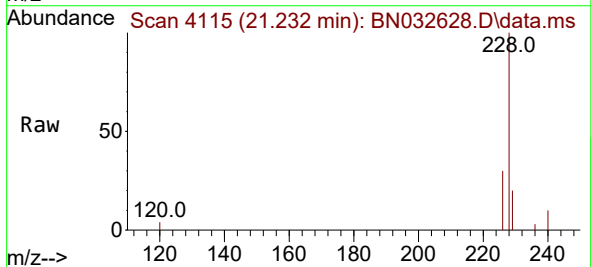
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

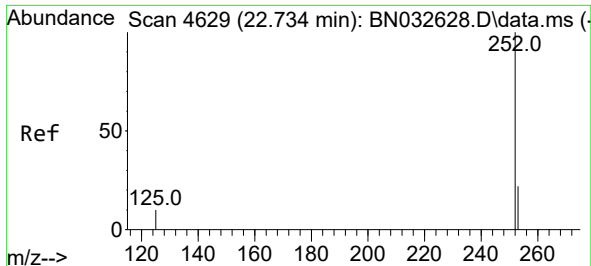
Tgt Ion:228 Resp: 18537
Ion Ratio Lower Upper
228 100
229 20.1 16.1 24.1
226 27.4 21.9 32.9



#22
Chrysene
Concen: 0.421 ng/ul
RT: 21.232 min Scan# 4115
Delta R.T. 0.000 min
Lab File: BN032628.D
Acq: 11 Jul 2024 10:29

Tgt Ion:228 Resp: 27498
Ion Ratio Lower Upper
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226 30.0 24.0 36.0
229 19.7 15.8 23.6

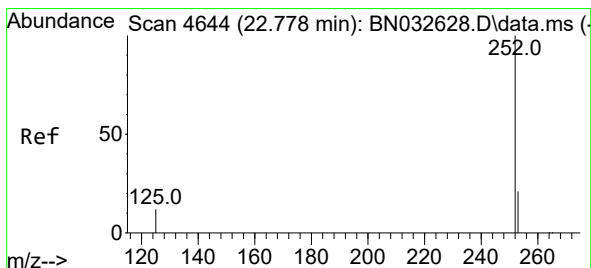
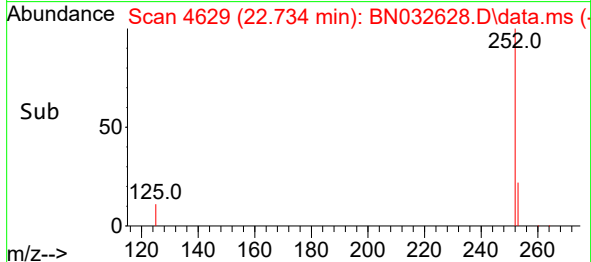
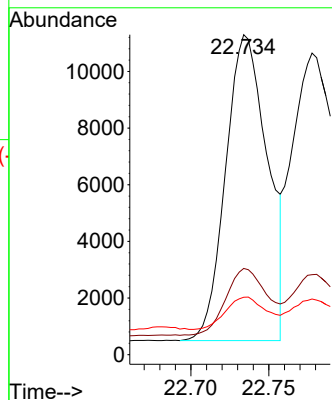
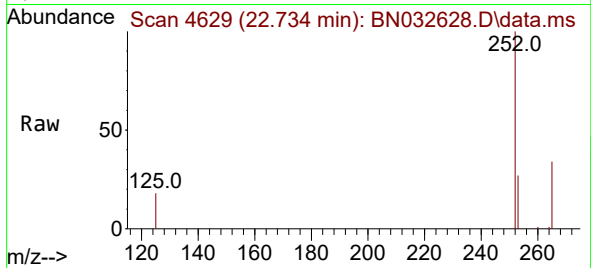




#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul
RT: 22.734 min Scan# 4629
Delta R.T. 0.000 min
Lab File: BN032628.D
Acq: 11 Jul 2024 10:29

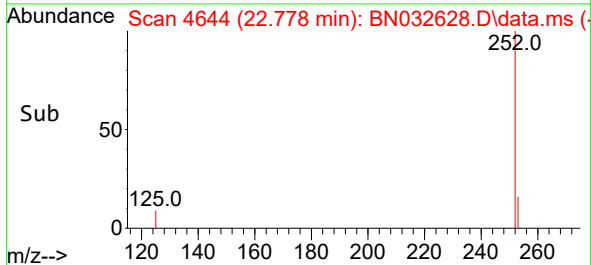
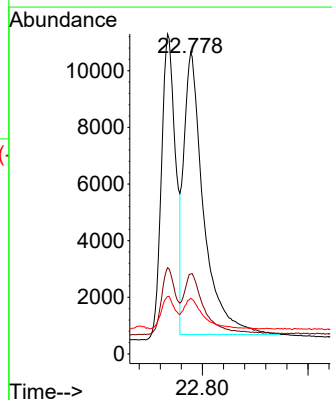
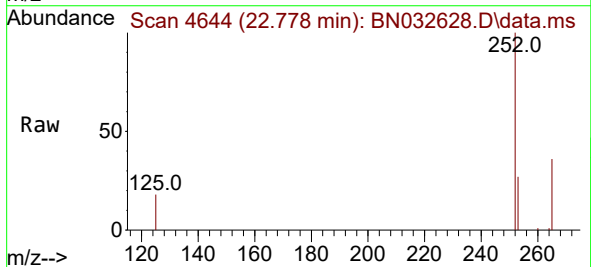
Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

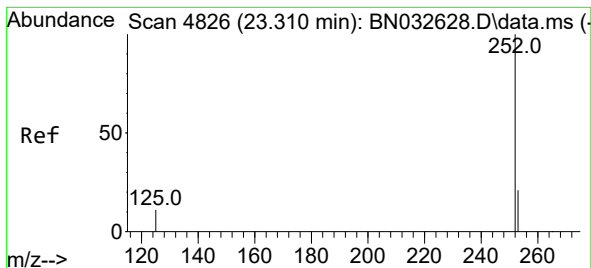
Tgt Ion:252 Resp: 20146
Ion Ratio Lower Upper
252 100
253 27.0 0.0 54.0
125 18.0 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.451 ng/ul
RT: 22.778 min Scan# 4644
Delta R.T. 0.000 min
Lab File: BN032628.D
Acq: 11 Jul 2024 10:29

Tgt Ion:252 Resp: 25847
Ion Ratio Lower Upper
252 100
253 26.5 21.2 31.8
125 18.5 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.384 ng/ul

RT: 23.310 min Scan# 4826

Delta R.T. 0.000 min

Lab File: BN032628.D

Acq: 11 Jul 2024 10:29

Instrument :

BNA_N

ClientSampleId :

SSTD0.4239

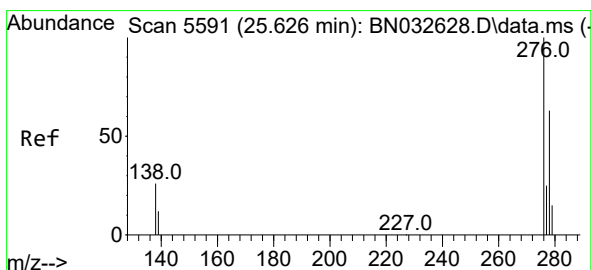
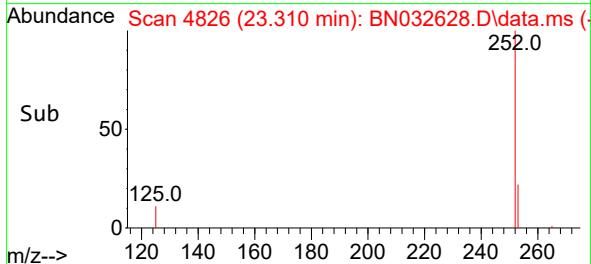
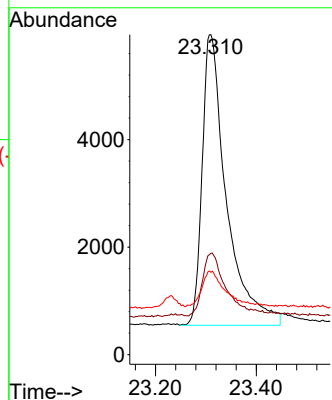
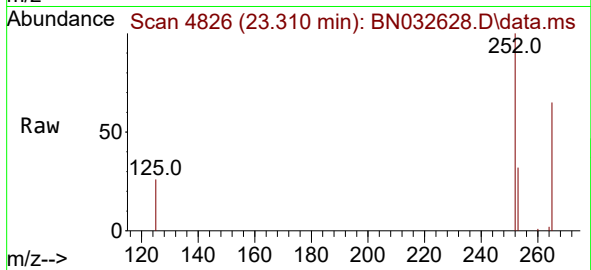
Tgt Ion:252 Resp: 18035

Ion Ratio Lower Upper

252 100

253 31.7 25.4 38.0

125 25.7 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.372 ng/ul

RT: 25.626 min Scan# 5591

Delta R.T. 0.000 min

Lab File: BN032628.D

Acq: 11 Jul 2024 10:29

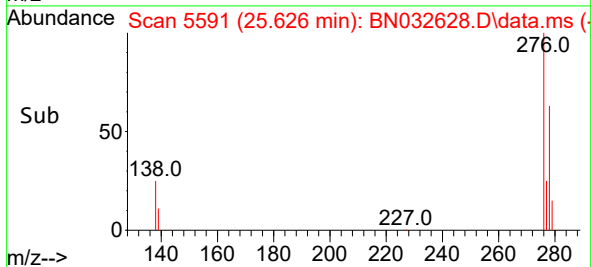
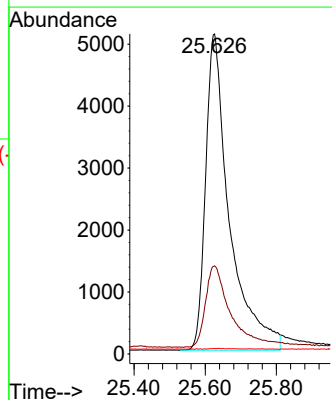
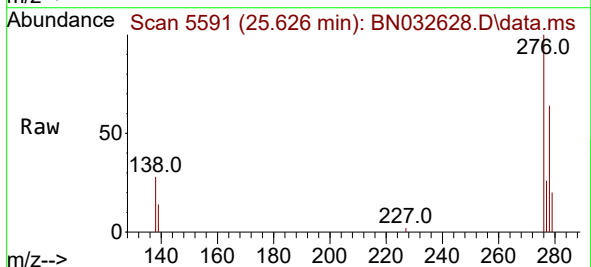
Tgt Ion:276 Resp: 23689

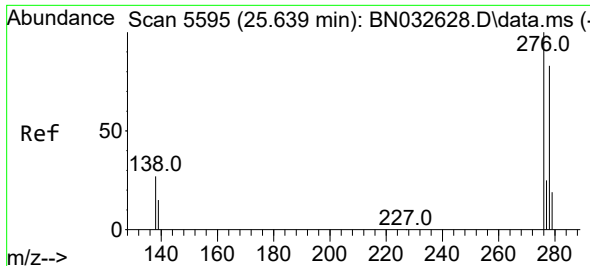
Ion Ratio Lower Upper

276 100

138 27.0 21.6 32.4

227 0.0 0.0 0.0#

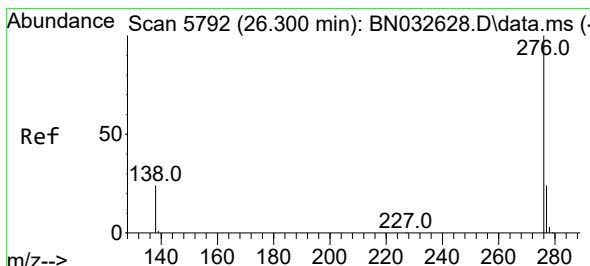
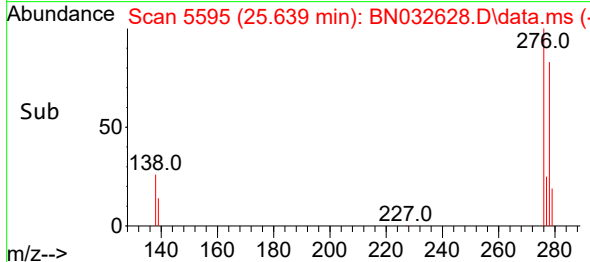
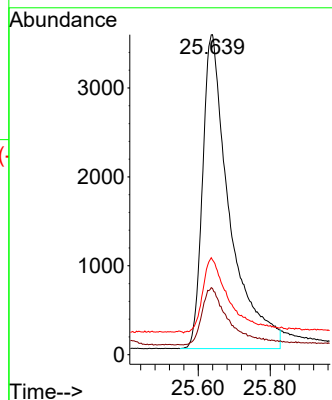
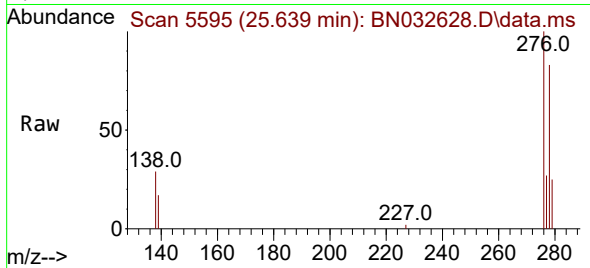




#28
Dibenzo(a,h)anthracene
Concen: 0.372 ng/ul
RT: 25.639 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN032628.D
Acq: 11 Jul 2024 10:29

Instrument :
BNA_N
ClientSampleId :
SSTD0.4239

Tgt Ion:278 Resp: 18322
Ion Ratio Lower Upper
278 100
139 20.7 16.6 24.8
279 29.6 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.371 ng/ul
RT: 26.300 min Scan# 5792
Delta R.T. 0.000 min
Lab File: BN032628.D
Acq: 11 Jul 2024 10:29

Tgt Ion:276 Resp: 19710
Ion Ratio Lower Upper
276 100
138 26.2 21.0 31.4
277 25.8 20.6 31.0

