

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032699.D
 Acq On : 13 Jul 2024 08:29
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4259

Quant Time: Jul 15 08:55:27 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 01:40:24 2024
 Response via : Initial Calibration

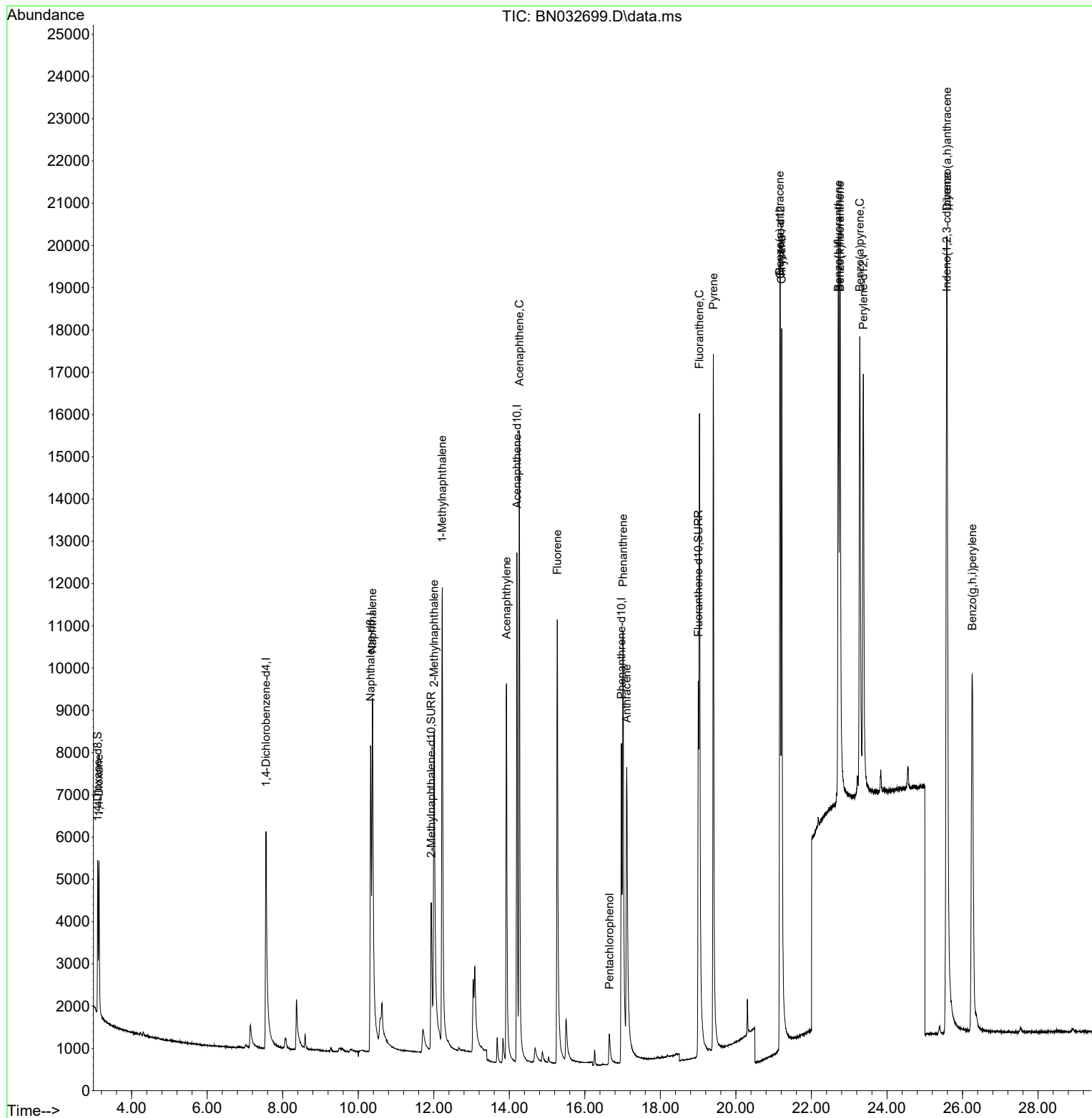
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	5109	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	15699	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	7736	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.970	188	14098	0.400	ng/ul	-0.02
17) Chrysene-d12	21.176	240	12273	0.400	ng/ul	-0.02
23) Perylene-d12	23.374	264	15312	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	2490	0.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	8551	0.360	ng/ul	-0.04
18) Fluoranthene-d10	19.004	212	14177	0.354	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.135	88	2632	0.377	ng/ul#	88
5) Naphthalene	10.376	128	16640	0.395	ng/ul	98
7) 2-Methylnaphthalene	12.010	142	9780	0.372	ng/ul	99
8) 1-Methylnaphthalene	12.224	142	10240	0.376	ng/ul	99
10) Acenaphthylene	13.925	152	13863	0.444	ng/ul	100
11) Acenaphthene	14.267	153	10458	0.405	ng/ul	100
12) Fluorene	15.271	166	10570	0.358	ng/ul	99
14) Pentachlorophenol	16.649	266	1046	0.423	ng/ul	99
15) Phenanthrene	17.012	178	14722	0.383	ng/ul	99
16) Anthracene	17.109	178	13083	0.417	ng/ul	99
19) Fluoranthene	19.036	202	17865	0.358	ng/ul	99
20) Pyrene	19.403	202	18643	0.361	ng/ul	98
21) Benzo(a)anthracene	21.162	228	16665	0.427	ng/ul	99
22) Chrysene	21.214	228	20457	0.362	ng/ul	99
24) Benzo(b)fluoranthene	22.713	252	19377	0.359	ng/ul	96
25) Benzo(k)fluoranthene	22.757	252	21773	0.331	ng/ul	97
26) Benzo(a)pyrene	23.281	252	19829	0.424	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.586	276	25162	0.397	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.589	278	20038	0.408	ng/ul	99
29) Benzo(g,h,i)perylene	26.260	276	20760	0.392	ng/ul	99

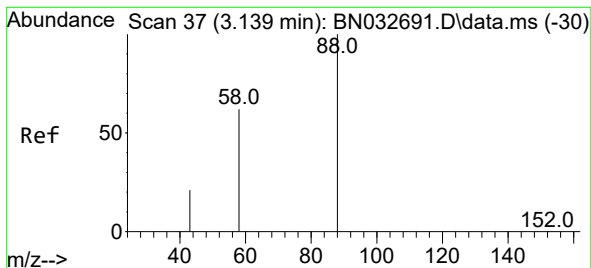
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.377 ng/ul

RT: 3.135 min Scan# 30

Delta R.T. -0.004 min

Lab File: BN032699.D

Acq: 13 Jul 2024 08:29

Instrument :

BNA_N

ClientSampleId :

SSTD0.4259

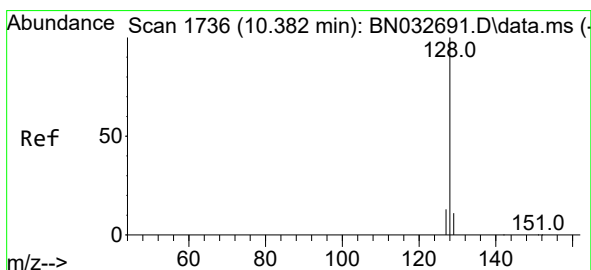
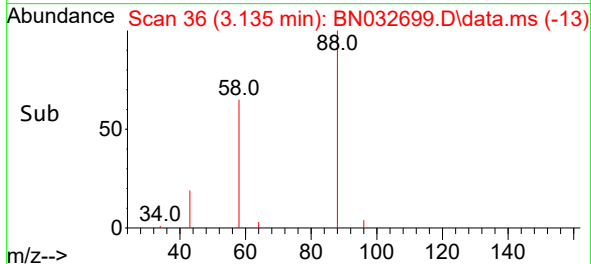
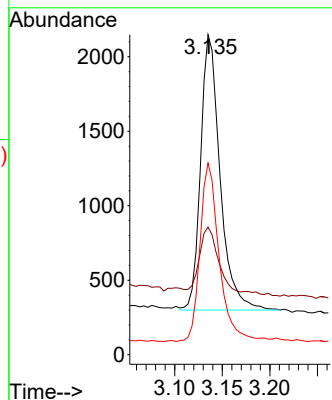
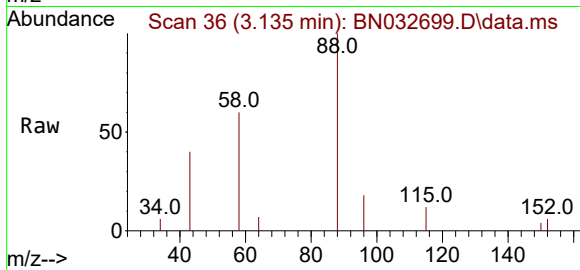
Tgt Ion: 88 Resp: 2632

Ion Ratio Lower Upper

88 100

43 39.9 24.0 36.0#

58 59.9 43.3 64.9



#5

Naphthalene

Concen: 0.395 ng/ul

RT: 10.376 min Scan# 1735

Delta R.T. -0.033 min

Lab File: BN032699.D

Acq: 13 Jul 2024 08:29

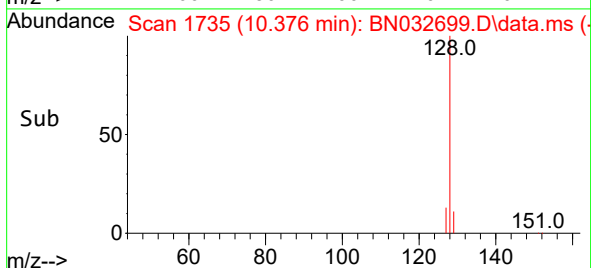
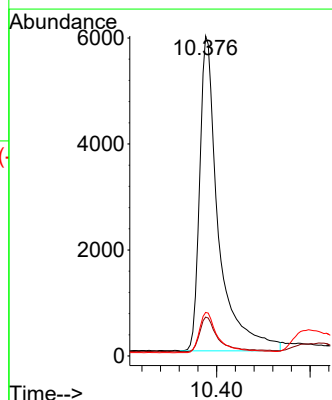
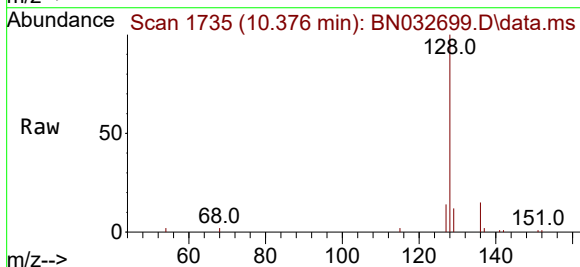
Tgt Ion: 128 Resp: 16640

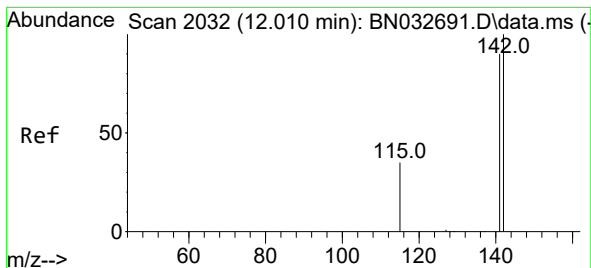
Ion Ratio Lower Upper

128 100

129 12.2 10.0 15.0

127 13.6 11.6 17.4

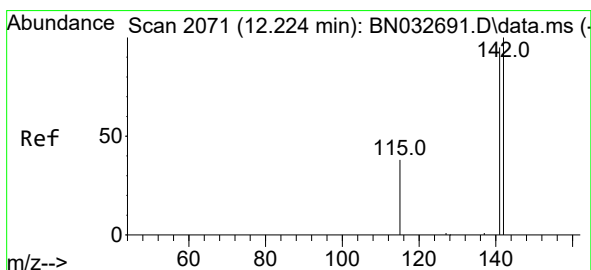
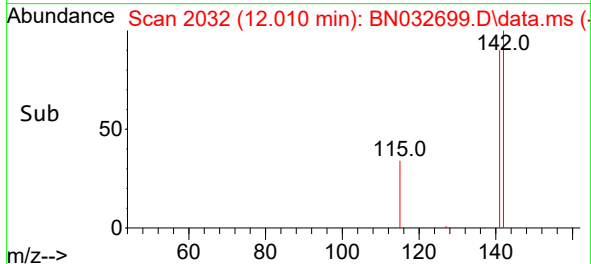
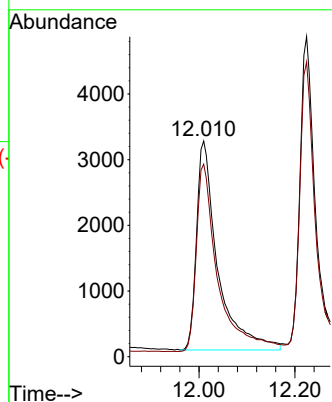
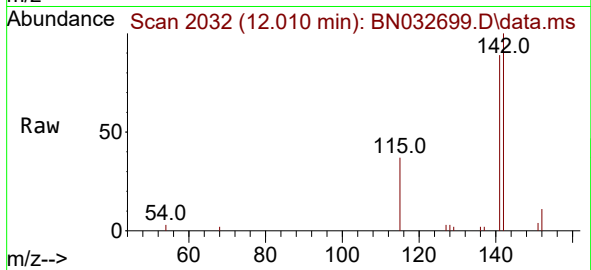




#7
2-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.010 min Scan# 2032
Delta R.T. -0.038 min
Lab File: BN032699.D
Acq: 13 Jul 2024 08:29

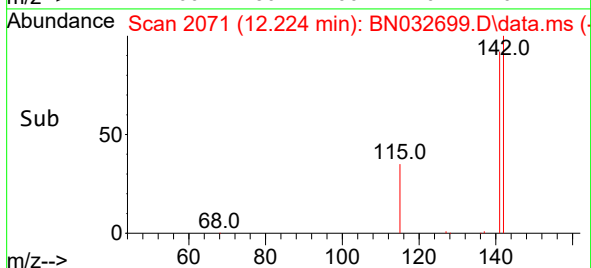
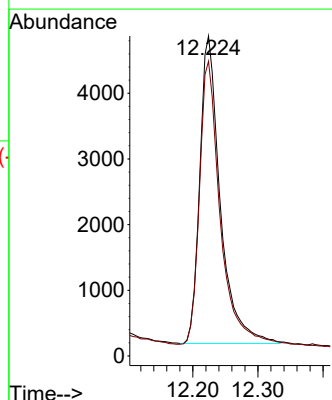
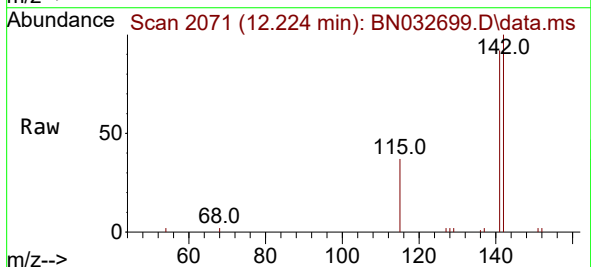
Instrument :
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SSTD0.4259

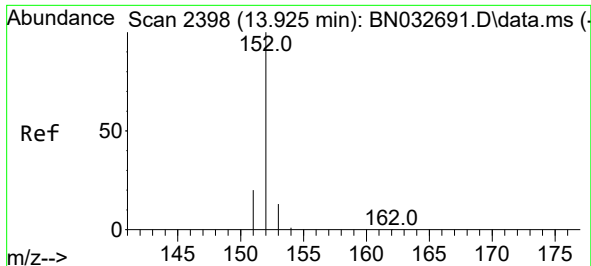
Tgt Ion:142 Resp: 9780
Ion Ratio Lower Upper
142 100
141 91.5 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.224 min Scan# 2071
Delta R.T. -0.022 min
Lab File: BN032699.D
Acq: 13 Jul 2024 08:29

Tgt Ion:142 Resp: 10240
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4

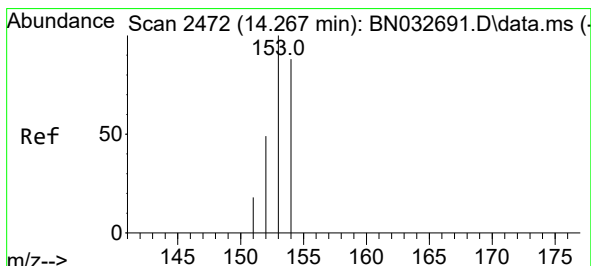
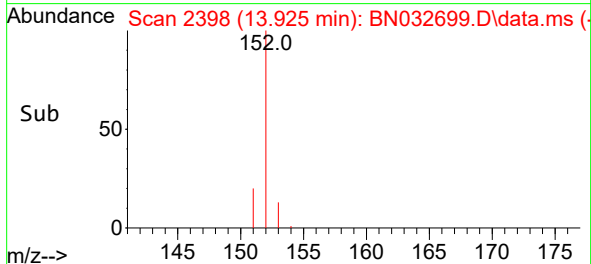
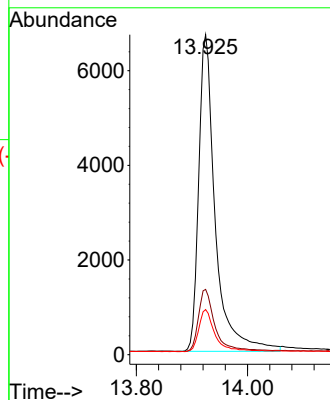
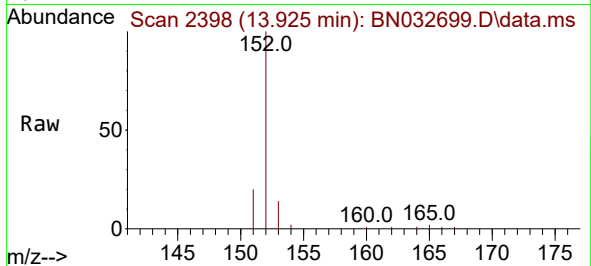




#10
Acenaphthylene
Concen: 0.444 ng/ul
RT: 13.925 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN032699.D
Acq: 13 Jul 2024 08:29

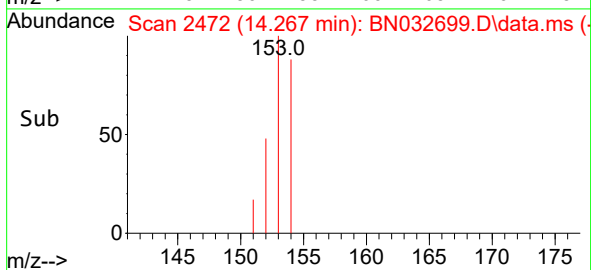
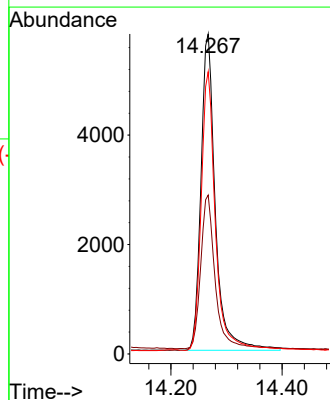
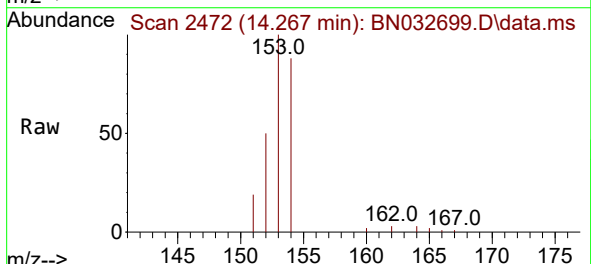
Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

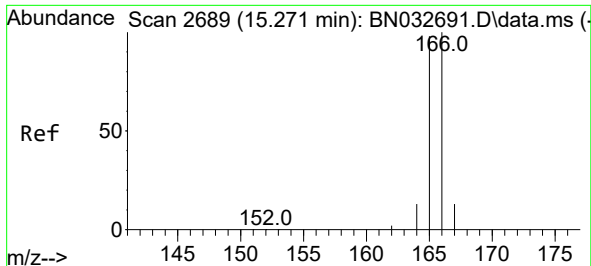
Tgt Ion:152 Resp: 13863
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.1 11.3 16.9



#11
Acenaphthene
Concen: 0.405 ng/ul
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032699.D
Acq: 13 Jul 2024 08:29

Tgt Ion:153 Resp: 10458
Ion Ratio Lower Upper
153 100
152 49.6 40.0 60.0
154 88.2 70.2 105.4

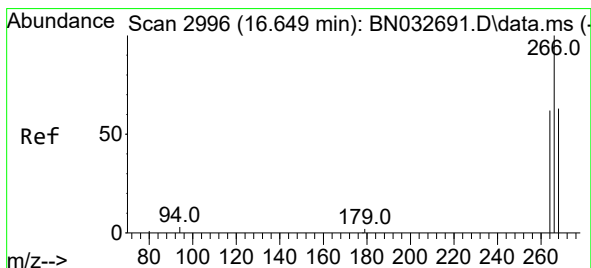
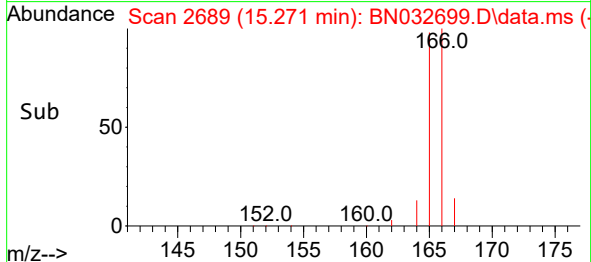
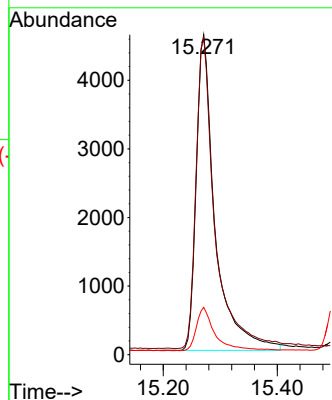
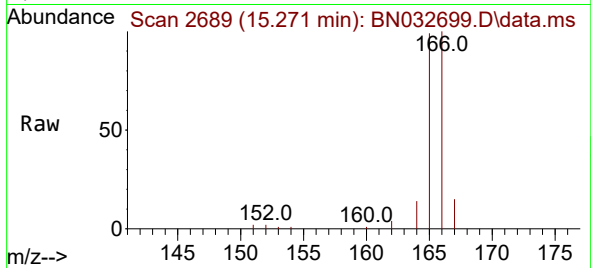




#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.271 min Scan# 2689
Delta R.T. -0.018 min
Lab File: BN032699.D
Acq: 13 Jul 2024 08:29

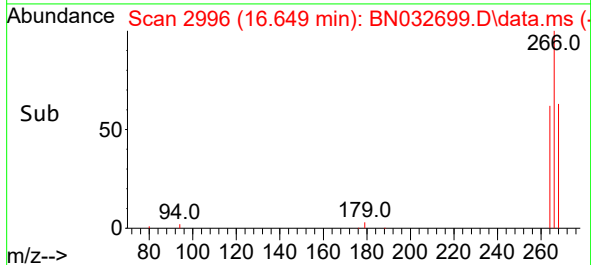
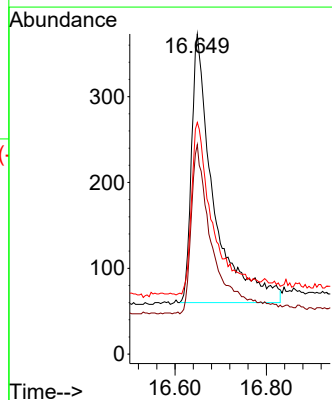
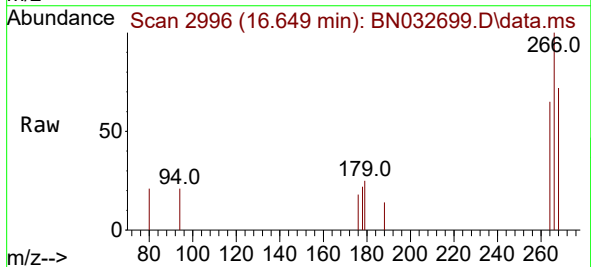
Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

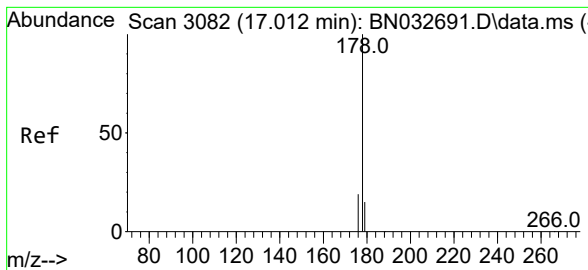
Tgt Ion:166 Resp: 10570
Ion Ratio Lower Upper
166 100
165 99.0 79.7 119.5
167 14.8 11.4 17.2



#14
Pentachlorophenol
Concen: 0.423 ng/ul
RT: 16.649 min Scan# 2996
Delta R.T. -0.021 min
Lab File: BN032699.D
Acq: 13 Jul 2024 08:29

Tgt Ion:266 Resp: 1046
Ion Ratio Lower Upper
266 100
264 62.8 49.4 74.2
268 63.5 51.6 77.4

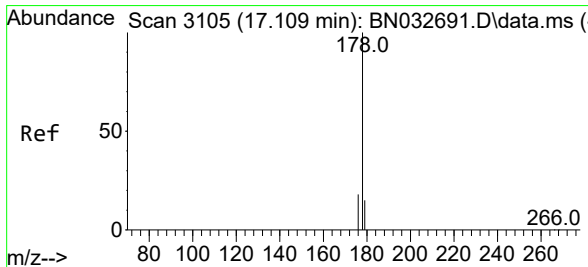
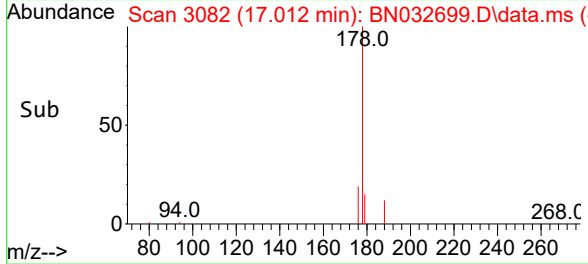
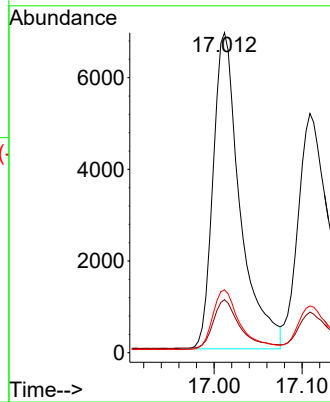
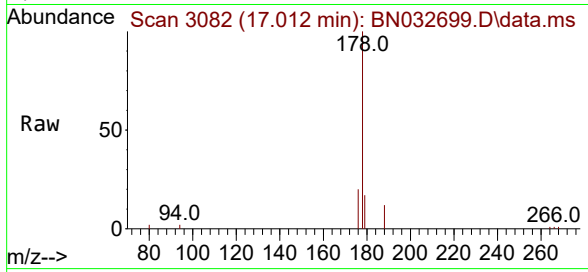




#15
 Phenanthrene
 Concen: 0.383 ng/ul
 RT: 17.012 min Scan# 3082
 Delta R.T. -0.017 min
 Lab File: BN032699.D
 Acq: 13 Jul 2024 08:29

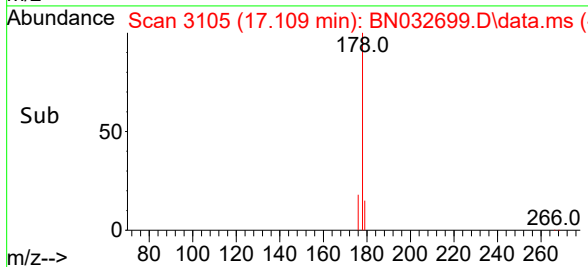
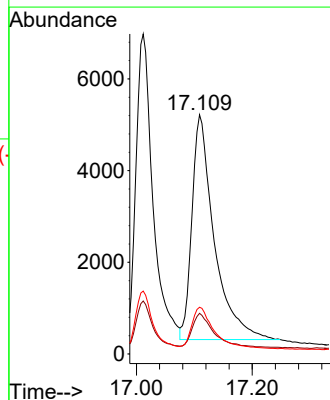
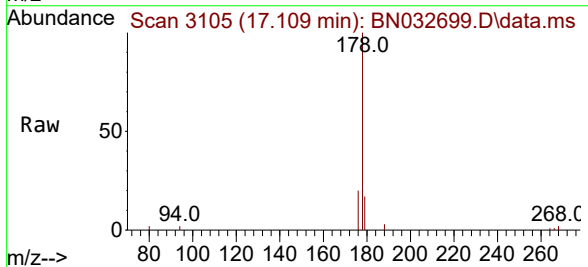
Instrument :
 BNA_N
 ClientSampleId :
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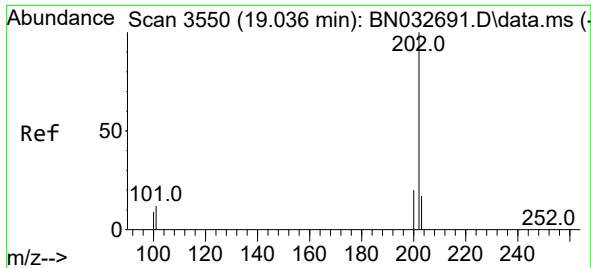
Tgt Ion:	178	Resp:	14722
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.0	19.4
176	19.7	15.6	23.4



#16
 Anthracene
 Concen: 0.417 ng/ul
 RT: 17.109 min Scan# 3105
 Delta R.T. -0.030 min
 Lab File: BN032699.D
 Acq: 13 Jul 2024 08:29

Tgt Ion:	178	Resp:	13083
Ion Ratio	Lower	Upper	
178	100		
179	17.0	13.4	20.2
176	19.5	15.4	23.0

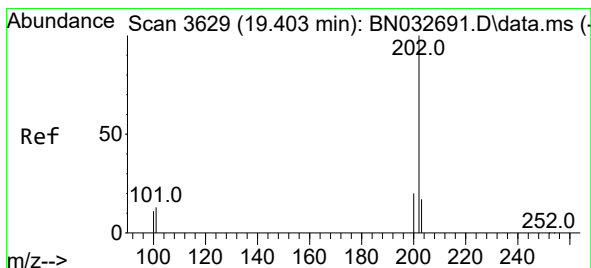
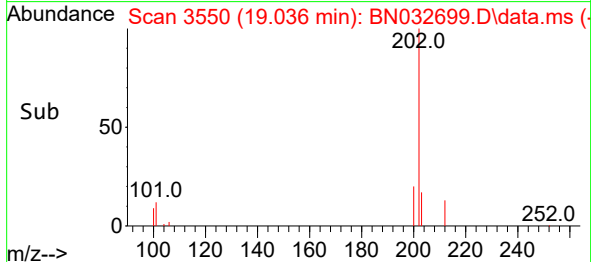
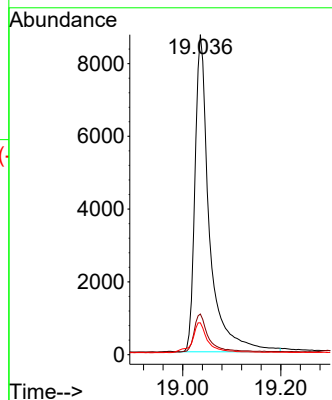
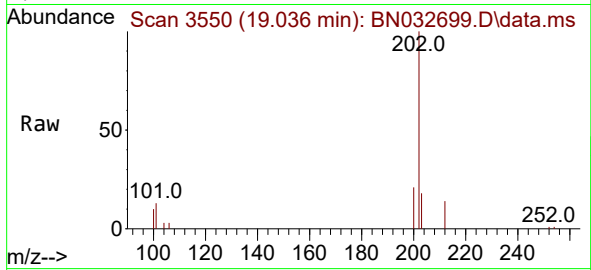




#19
Fluoranthene
Concen: 0.358 ng/ul
RT: 19.036 min Scan# 3550
Delta R.T. -0.019 min
Lab File: BN032699.D
Acq: 13 Jul 2024 08:29

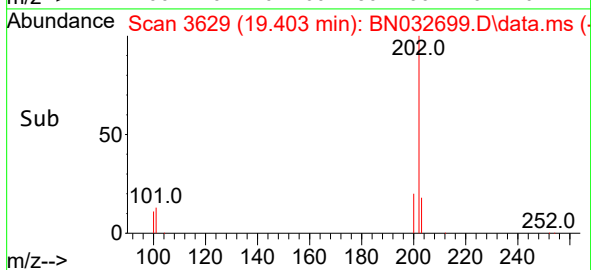
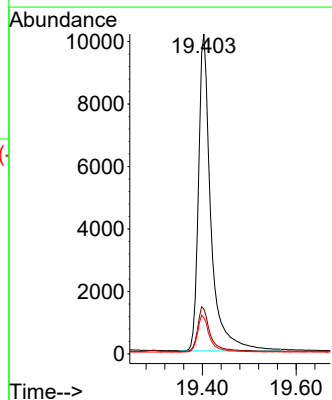
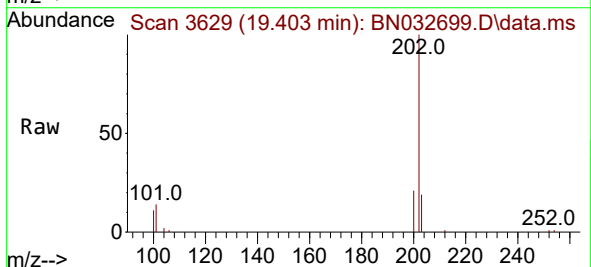
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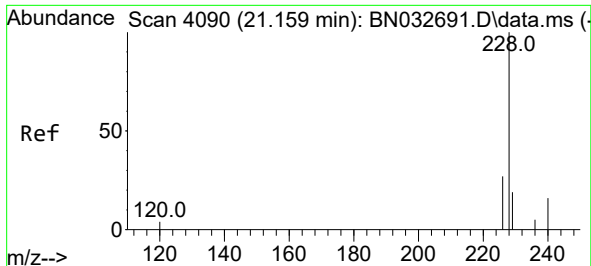
Tgt Ion:202 Resp: 17865
Ion Ratio Lower Upper
202 100
101 12.7 9.8 14.8
100 9.9 7.9 11.9



#20
Pyrene
Concen: 0.361 ng/ul
RT: 19.403 min Scan# 3629
Delta R.T. -0.019 min
Lab File: BN032699.D
Acq: 13 Jul 2024 08:29

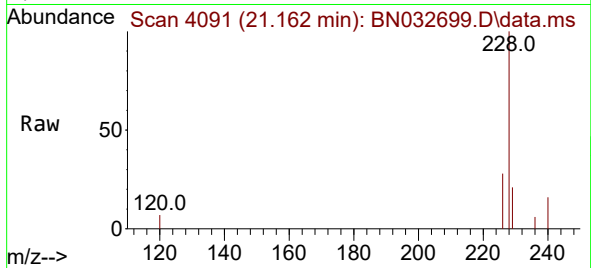
Tgt Ion:202 Resp: 18643
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.6
100 11.4 9.6 14.4



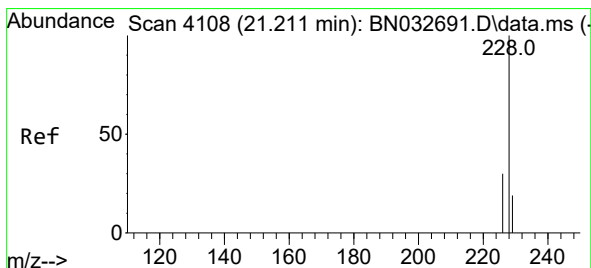
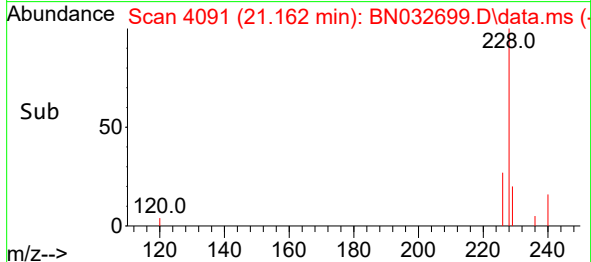
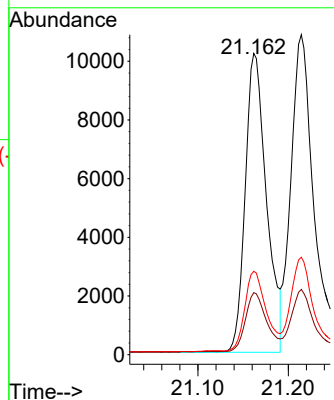


#21
Benzo(a)anthracene
Concen: 0.427 ng/ul
RT: 21.162 min Scan# 4091
Delta R.T. -0.020 min
Lab File: BN032699.D
Acq: 13 Jul 2024 08:29

Instrument :
BNA_N
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SSTD0.4259

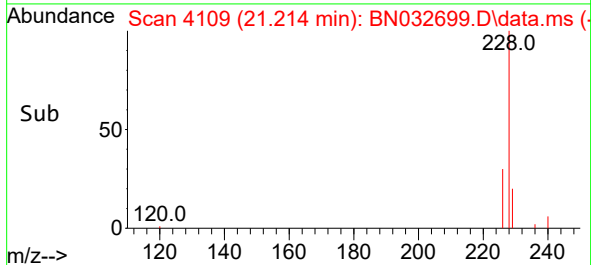
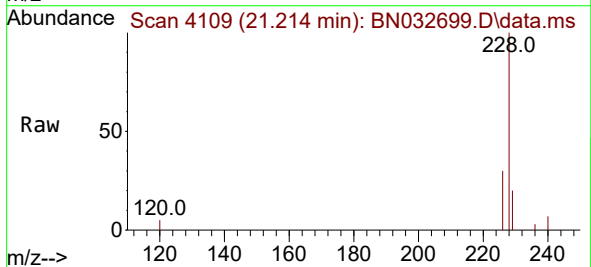
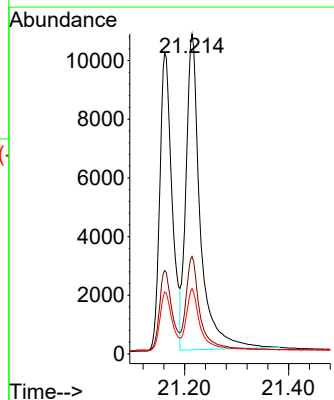


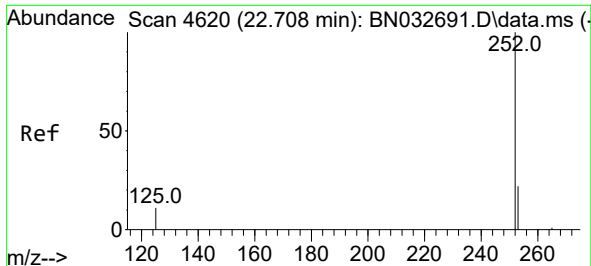
Tgt Ion:228 Resp: 16665
Ion Ratio Lower Upper
228 100
229 20.6 16.1 24.1
226 27.7 21.9 32.9



#22
Chrysene
Concen: 0.362 ng/ul
RT: 21.214 min Scan# 4109
Delta R.T. -0.017 min
Lab File: BN032699.D
Acq: 13 Jul 2024 08:29

Tgt Ion:228 Resp: 20457
Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 20.4 15.8 23.6

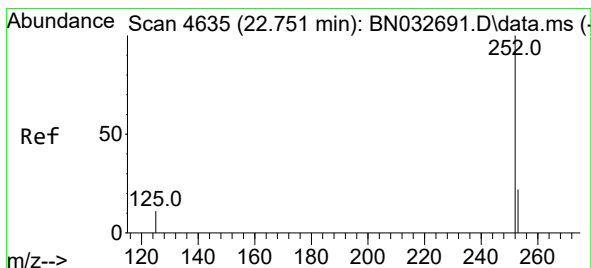
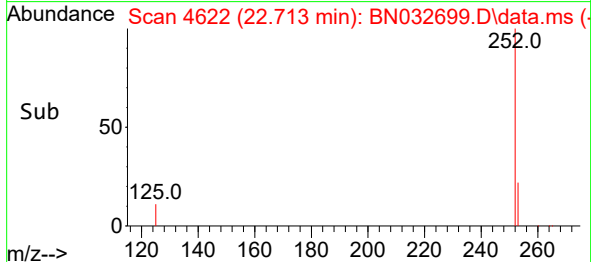
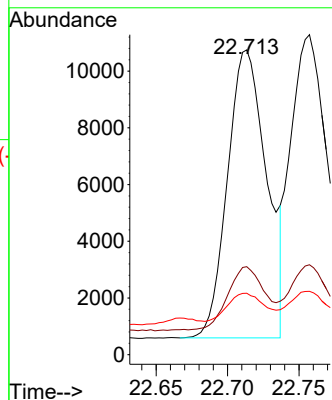
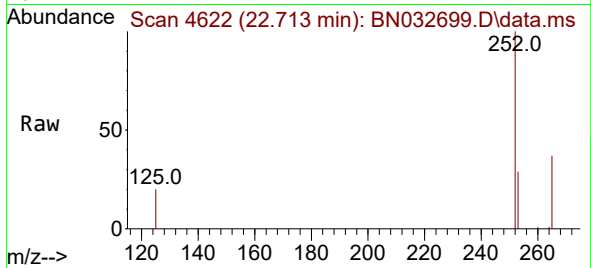




#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul
RT: 22.713 min Scan# 4622
Delta R.T. -0.020 min
Lab File: BN032699.D
Acq: 13 Jul 2024 08:29

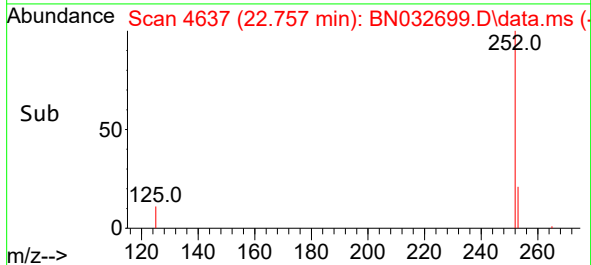
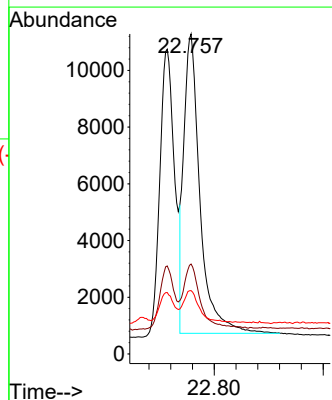
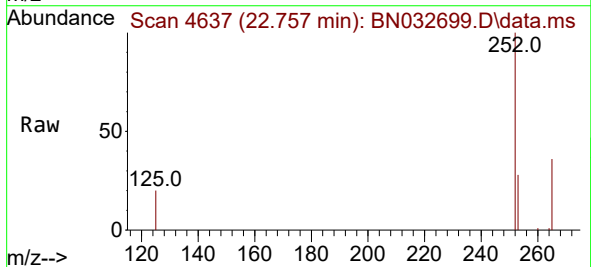
Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

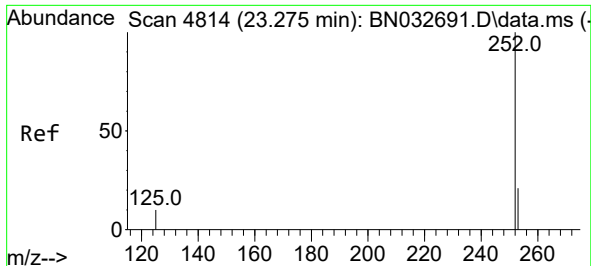
Tgt Ion:252 Resp: 19377
Ion Ratio Lower Upper
252 100
253 28.8 0.0 54.0
125 20.1 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.331 ng/ul
RT: 22.757 min Scan# 4637
Delta R.T. -0.020 min
Lab File: BN032699.D
Acq: 13 Jul 2024 08:29

Tgt Ion:252 Resp: 21773
Ion Ratio Lower Upper
252 100
253 28.1 21.2 31.8
125 19.8 14.8 22.2

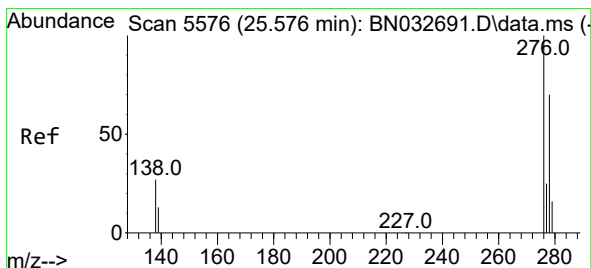
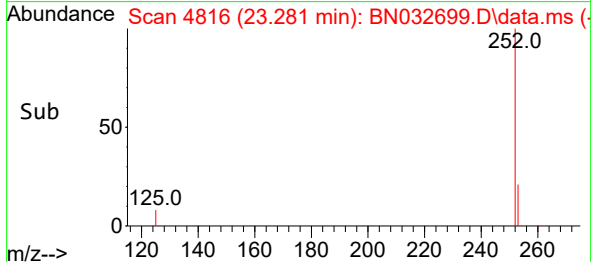
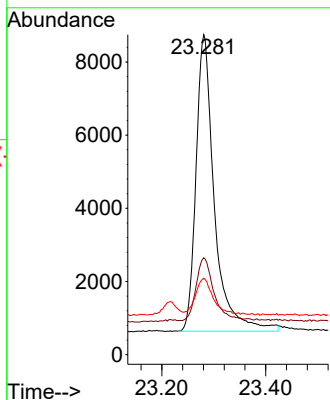
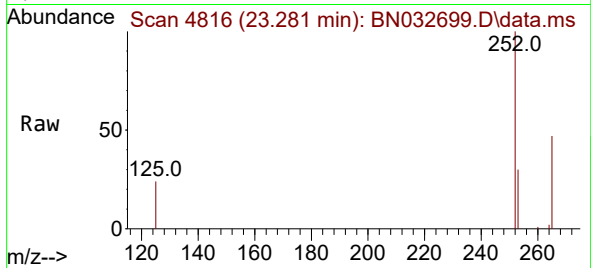




#26
Benzo(a)pyrene
Concen: 0.424 ng/ul
RT: 23.281 min Scan# 4816
Delta R.T. -0.029 min
Lab File: BN032699.D
Acq: 13 Jul 2024 08:29

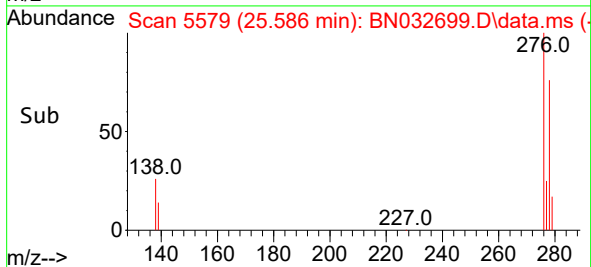
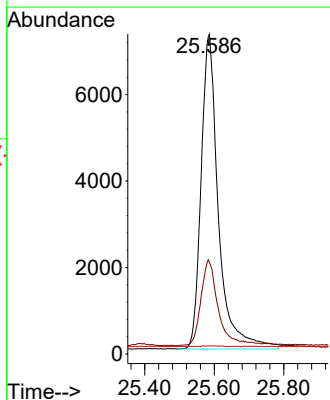
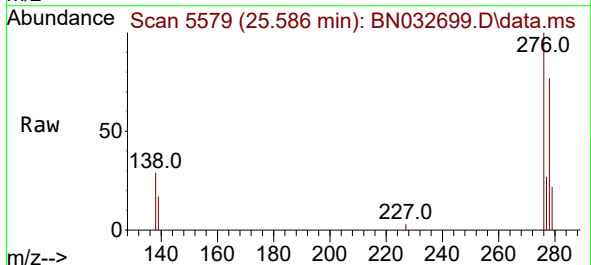
Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

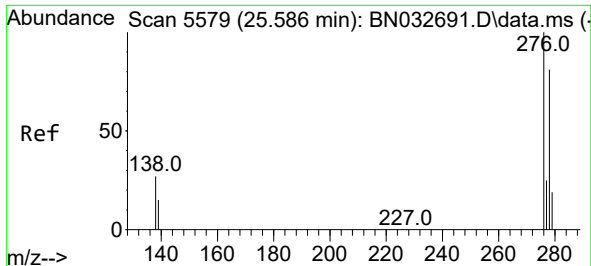
Tgt Ion:252	Resp:	19829
Ion Ratio	Lower	Upper
252	100	
253	30.3	25.4 38.0
125	23.9	20.6 30.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng/ul
RT: 25.586 min Scan# 5579
Delta R.T. -0.040 min
Lab File: BN032699.D
Acq: 13 Jul 2024 08:29

Tgt Ion:276	Resp:	25162
Ion Ratio	Lower	Upper
276	100	
138	27.5	21.6 32.4
227	0.2	0.0 0.0#

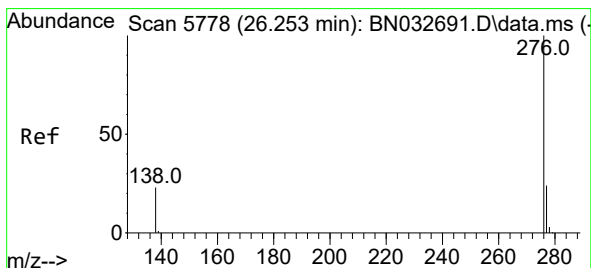
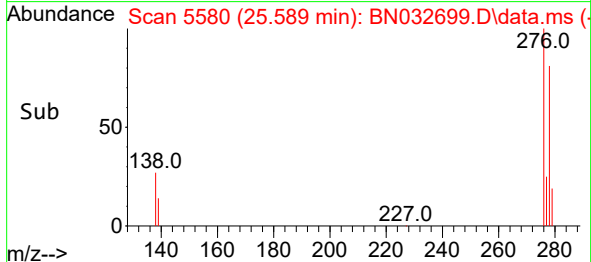
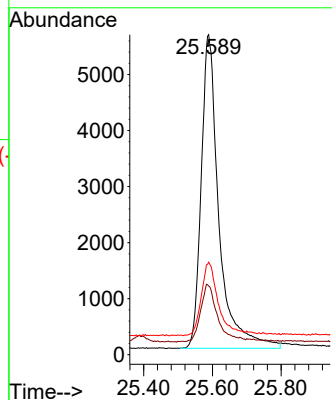
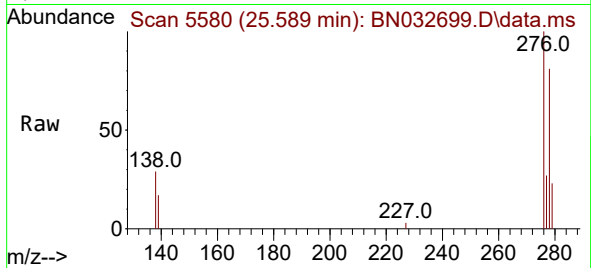




#28
Dibenzo(a,h)anthracene
Concen: 0.408 ng/ul
RT: 25.589 min Scan# 51
Delta R.T. -0.050 min
Lab File: BN032699.D
Acq: 13 Jul 2024 08:29

Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

Tgt Ion:278 Resp: 20038
Ion Ratio Lower Upper
278 100
139 21.5 16.6 24.8
279 28.9 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.392 ng/ul
RT: 26.260 min Scan# 5780
Delta R.T. -0.040 min
Lab File: BN032699.D
Acq: 13 Jul 2024 08:29

Tgt Ion:276 Resp: 20760
Ion Ratio Lower Upper
276 100
138 25.3 21.0 31.4
277 25.7 20.6 31.0

