

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032636.D
 Acq On : 11 Jul 2024 15:18
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4254

Quant Time: Jul 12 01:54:51 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)

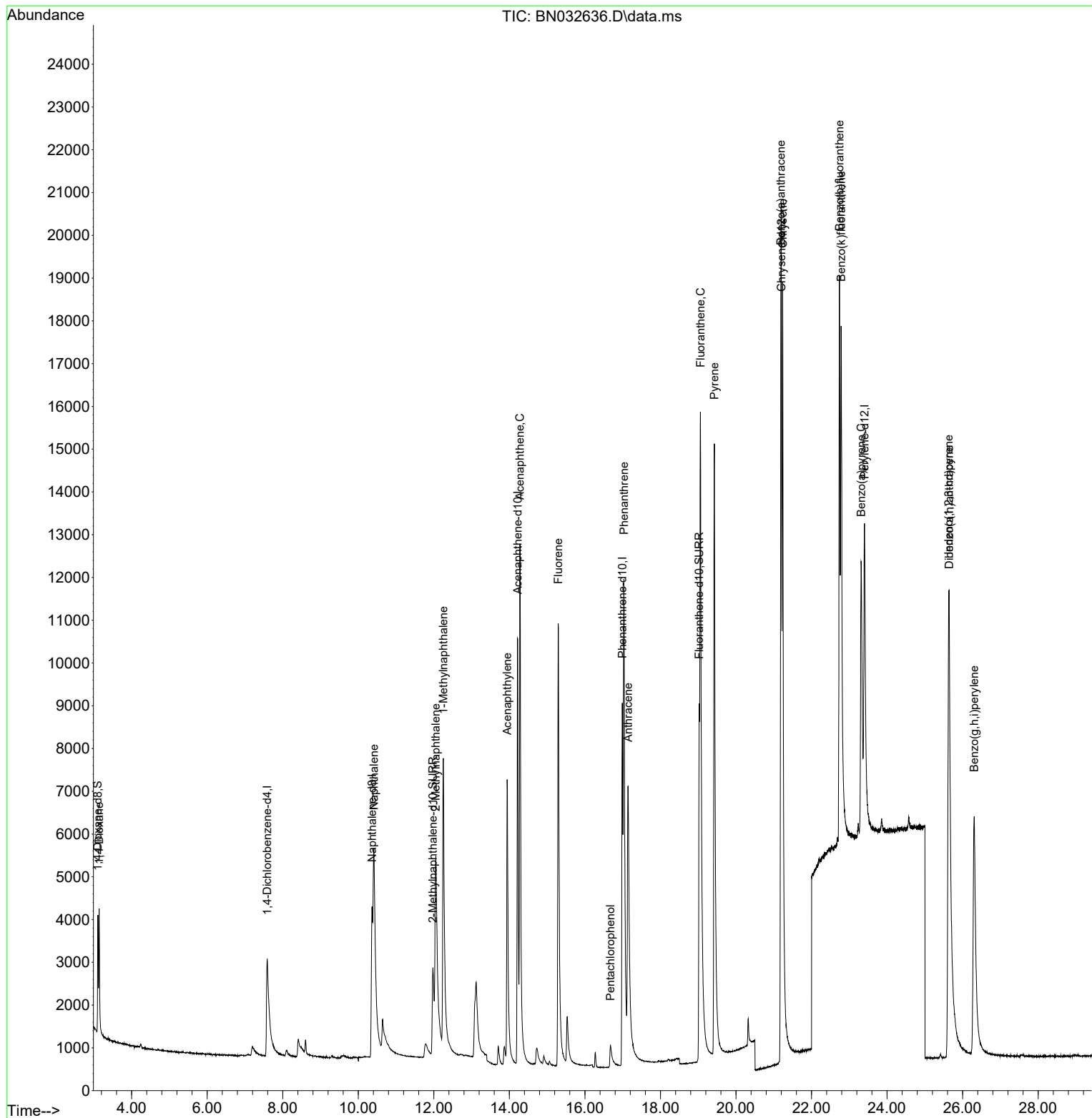
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.591	152	3593	0.400	ng/ul	0.01
4) Naphthalene-d8	10.365	136	12265	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.221	164	7904	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.991	188	17452	0.400	ng/ul	0.00
17) Chrysene-d12	21.200	240	13981	0.400	ng/ul	0.00
23) Perylene-d12	23.403	264	14094	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	1910	0.443	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	7257	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.027	212	17879	0.392	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.139	88	2260	0.460	ng/ul	98
5) Naphthalene	10.415	128	12916	0.392	ng/ul	99
7) 2-Methylnaphthalene	12.054	142	8228	0.400	ng/ul	99
8) 1-Methylnaphthalene	12.252	142	8512	0.400	ng/ul	98
10) Acenaphthylene	13.943	152	12550	0.393	ng/ul	99
11) Acenaphthene	14.281	153	10436	0.395	ng/ul	99
12) Fluorene	15.299	166	11975	0.397	ng/ul	99
14) Pentachlorophenol	16.678	266	1042	0.340	ng/ul	99
15) Phenanthrene	17.033	178	18548	0.390	ng/ul	100
16) Anthracene	17.143	178	14968	0.385	ng/ul	100
19) Fluoranthene	19.059	202	22315	0.393	ng/ul	99
20) Pyrene	19.426	202	23040	0.392	ng/ul	99
21) Benzo(a)anthracene	21.188	228	16904	0.380	ng/ul	99
22) Chrysene	21.238	228	25248	0.392	ng/ul	100
24) Benzo(b)fluoranthene	22.740	252	18655	0.375	ng/ul	100
25) Benzo(k)fluoranthene	22.784	252	23714	0.391	ng/ul	99
26) Benzo(a)pyrene	23.313	252	16269	0.378	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.633	276	21711	0.373	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.646	278	16640	0.368	ng/ul	99
29) Benzo(g,h,i)perylene	26.307	276	18130	0.372	ng/ul	100

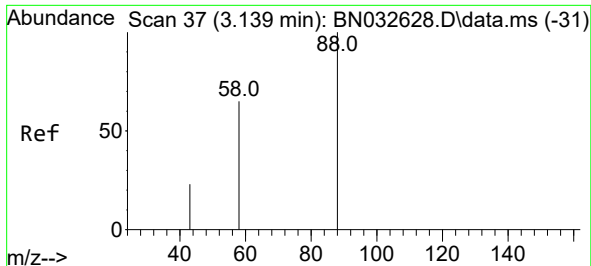
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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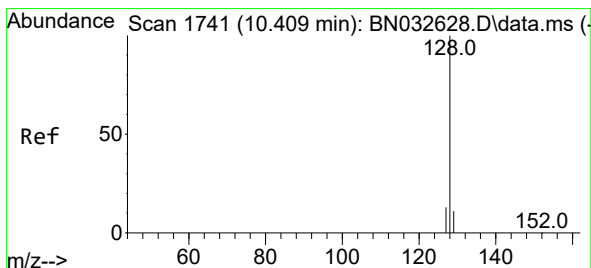
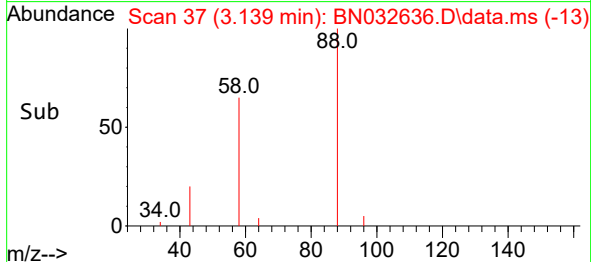
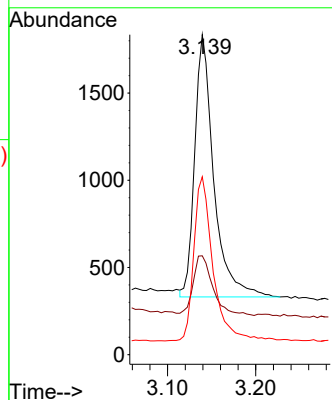
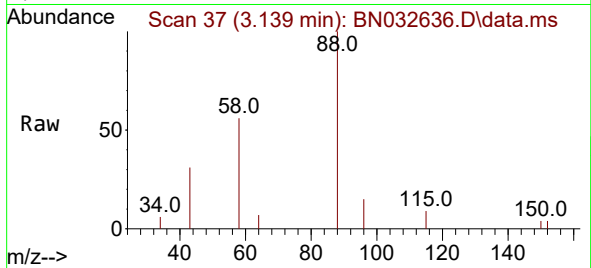




#2
1,4-Dioxane
Concen: 0.460 ng/ul
RT: 3.139 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

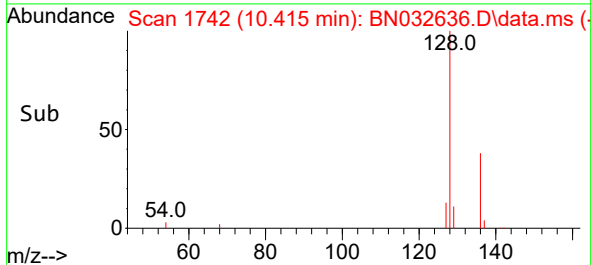
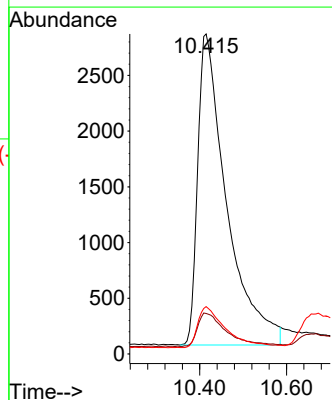
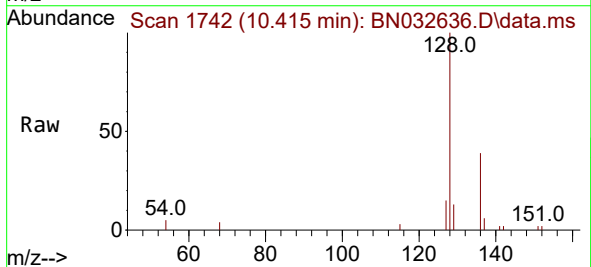
Instrument :
BNA_N
ClientSampleId :
SSTD0.4254

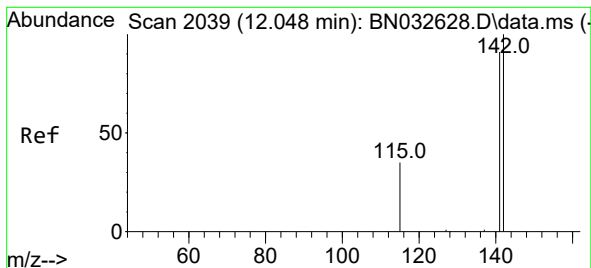
Tgt Ion: 88 Resp: 2260
Ion Ratio Lower Upper
88 100
43 30.9 24.0 36.0
58 55.6 43.3 64.9



#5
Naphthalene
Concen: 0.392 ng/ul
RT: 10.415 min Scan# 1742
Delta R.T. 0.006 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

Tgt Ion: 128 Resp: 12916
Ion Ratio Lower Upper
128 100
129 12.7 10.0 15.0
127 14.8 11.6 17.4

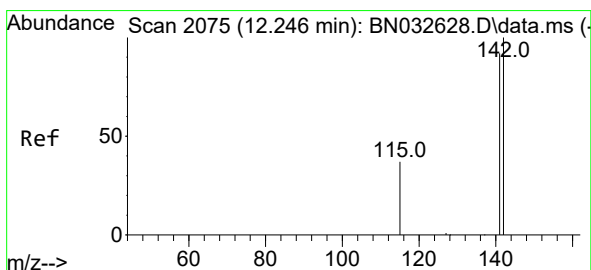
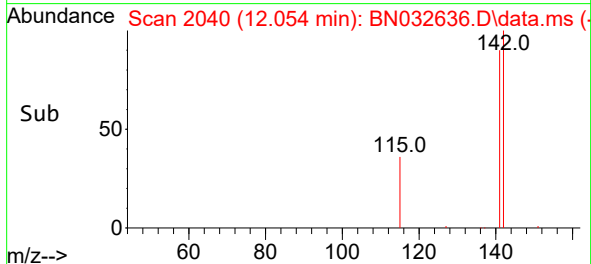
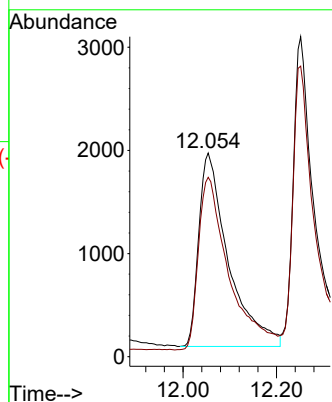
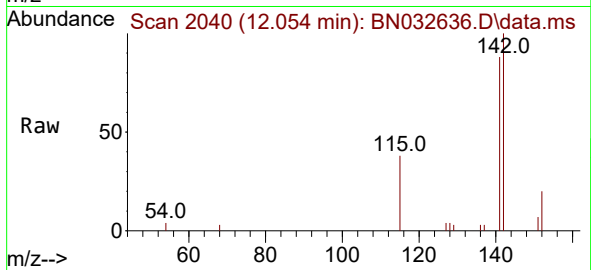




#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.054 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

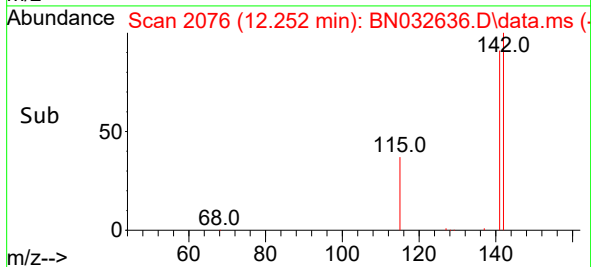
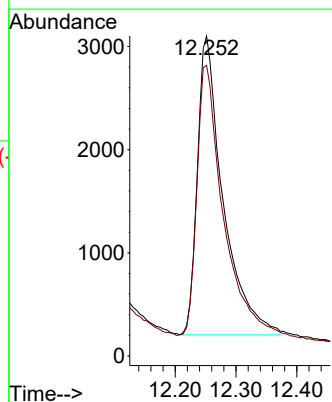
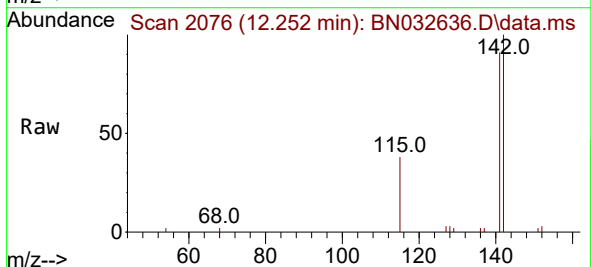
Instrument :
BNA_N
ClientSampleId :
SSTD0.4254

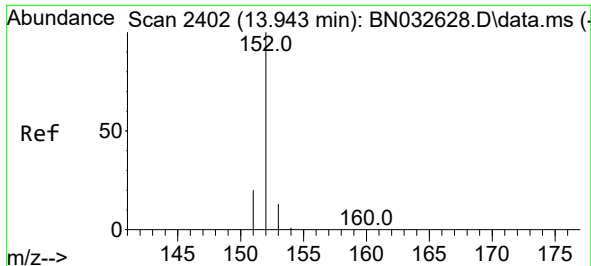
Tgt Ion:142 Resp: 8228
Ion Ratio Lower Upper
142 100
141 93.1 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.252 min Scan# 2076
Delta R.T. 0.006 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

Tgt Ion:142 Resp: 8512
Ion Ratio Lower Upper
142 100
141 91.9 75.0 112.4

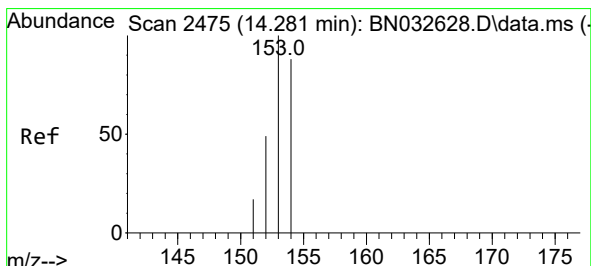
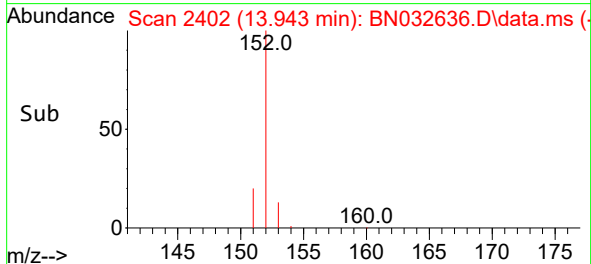
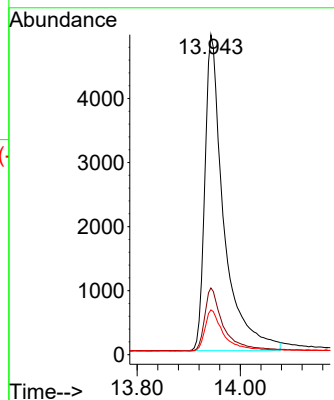
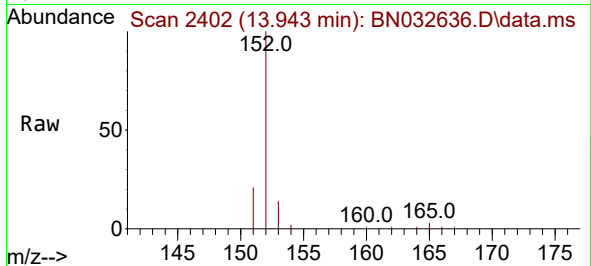




#10
Acenaphthylene
Concen: 0.393 ng/ul
RT: 13.943 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

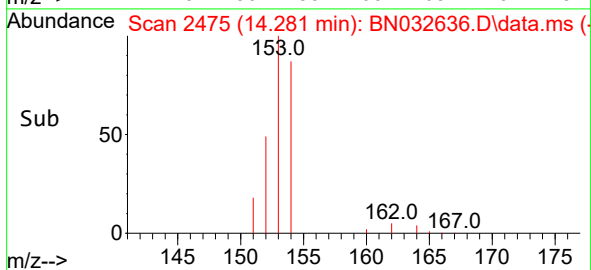
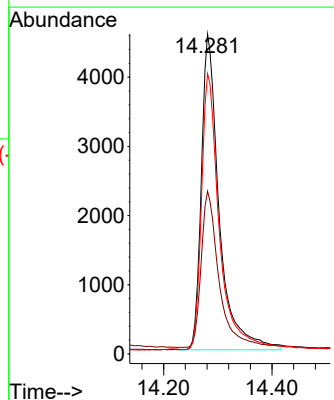
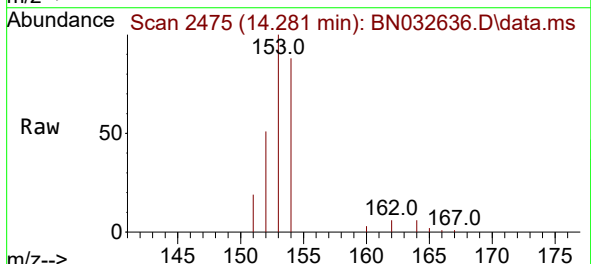
Instrument :
BNA_N
ClientSampleId :
SSTD0.4254

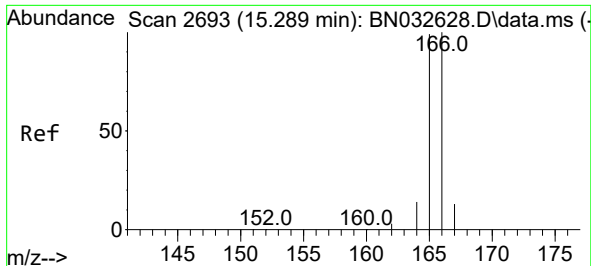
Tgt Ion:152 Resp: 12550
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 14.0 11.3 16.9



#11
Acenaphthene
Concen: 0.395 ng/ul
RT: 14.281 min Scan# 2475
Delta R.T. 0.000 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

Tgt Ion:153 Resp: 10436
Ion Ratio Lower Upper
153 100
152 50.8 40.0 60.0
154 87.6 70.2 105.4

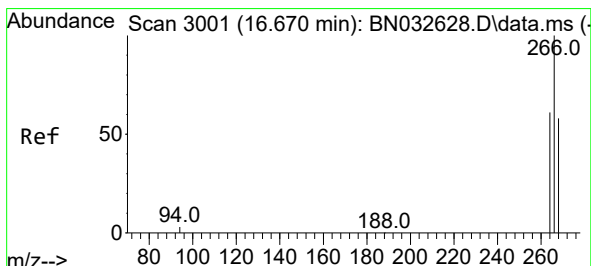
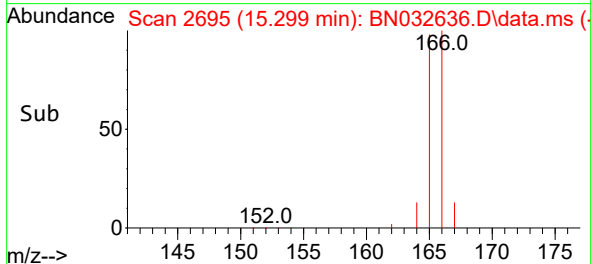
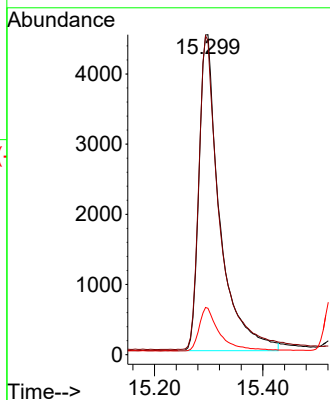
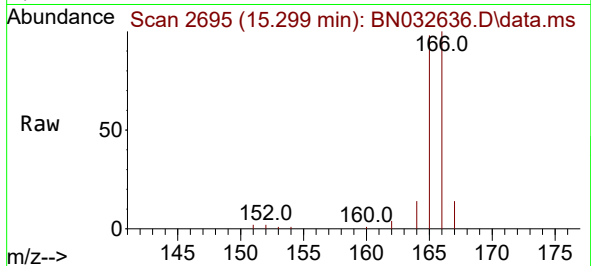




#12
Fluorene
Concen: 0.397 ng/ul
RT: 15.299 min Scan# 20
Delta R.T. 0.009 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

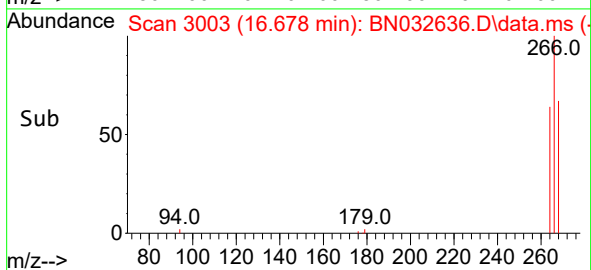
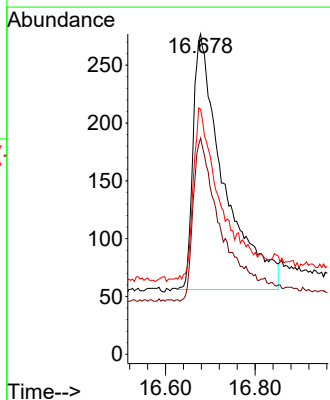
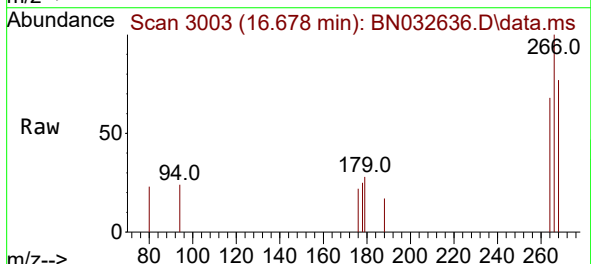
Instrument :
BNA_N
ClientSampleId :
SSTD0.4254

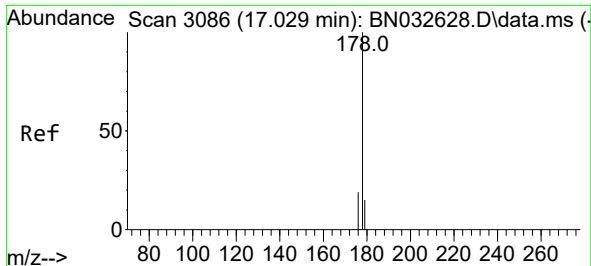
Tgt Ion:166 Resp: 11975
Ion Ratio Lower Upper
166 100
165 98.1 79.7 119.5
167 14.5 11.4 17.2



#14
Pentachlorophenol
Concen: 0.340 ng/ul
RT: 16.678 min Scan# 3003
Delta R.T. 0.008 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

Tgt Ion:266 Resp: 1042
Ion Ratio Lower Upper
266 100
264 62.0 49.4 74.2
268 63.1 51.6 77.4

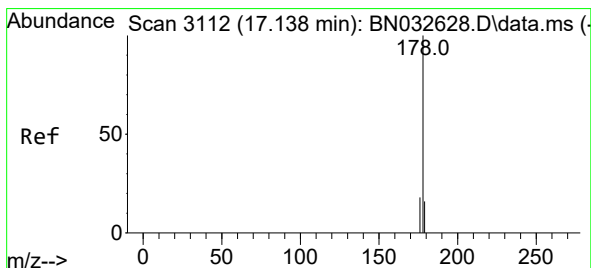
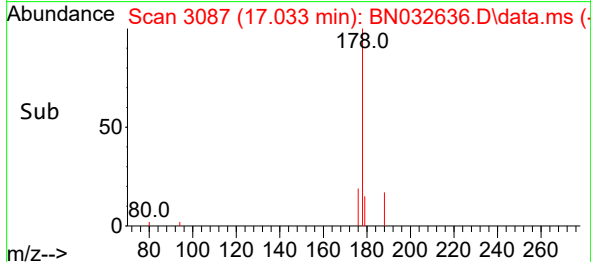
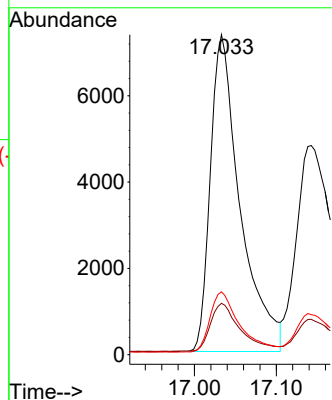
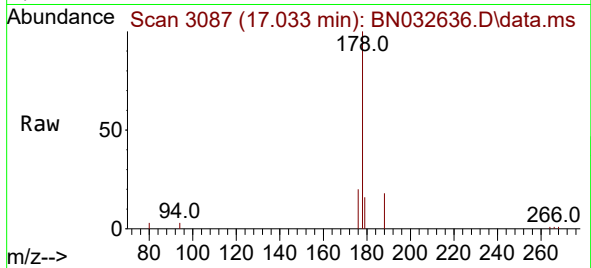




#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 17.033 min Scan# 3087
Delta R.T. 0.004 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

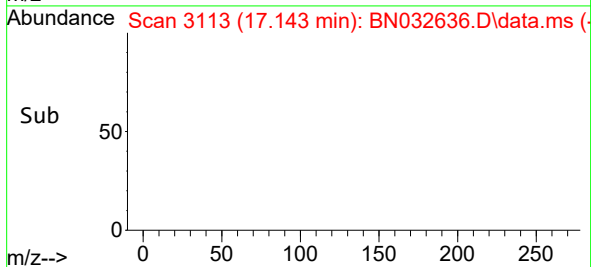
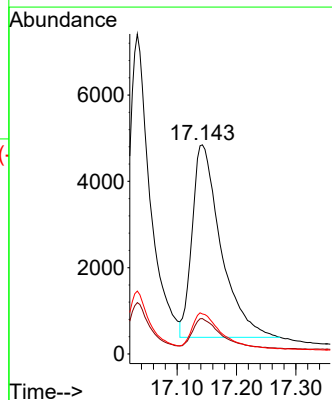
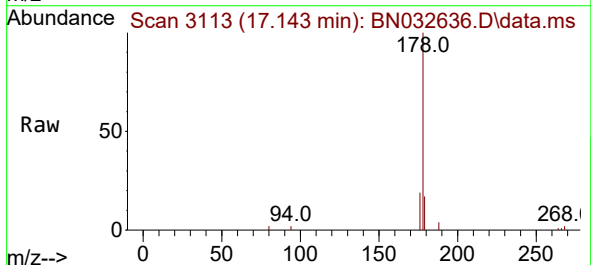
Instrument :
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SSTD0.4254

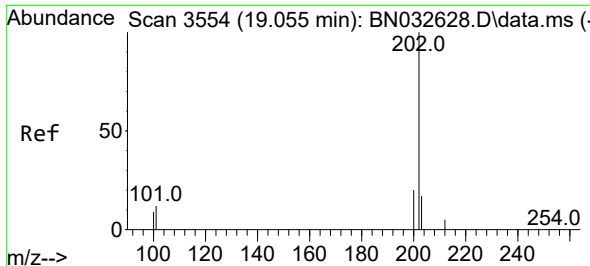
Tgt Ion:178 Resp: 18548
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.4
176 19.6 15.6 23.4



#16
Anthracene
Concen: 0.385 ng/ul
RT: 17.143 min Scan# 3113
Delta R.T. 0.004 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

Tgt Ion:178 Resp: 14968
Ion Ratio Lower Upper
178 100
179 16.9 13.4 20.2
176 19.2 15.4 23.0

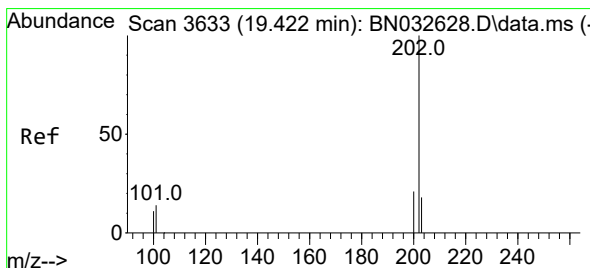
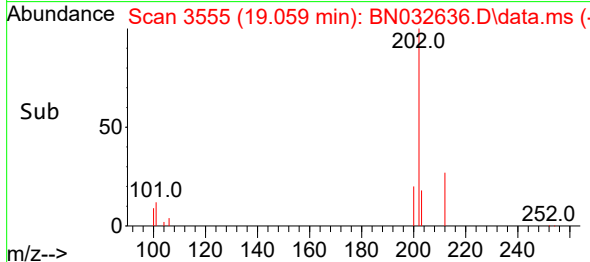
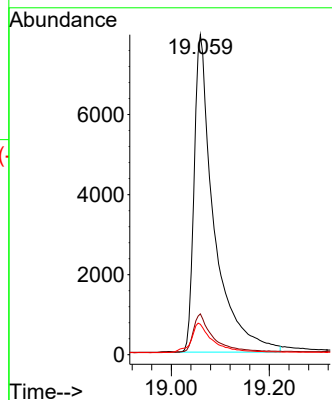
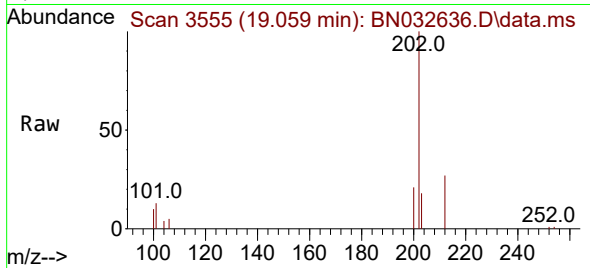




#19
Fluoranthene
Concen: 0.393 ng/ul
RT: 19.059 min Scan# 3555
Delta R.T. 0.005 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

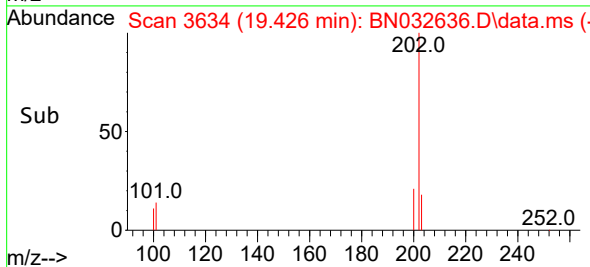
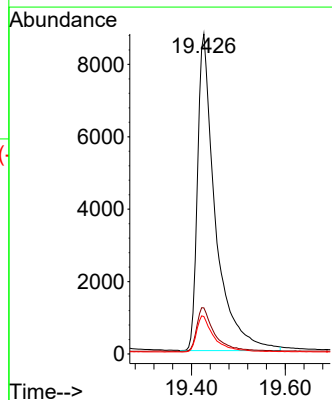
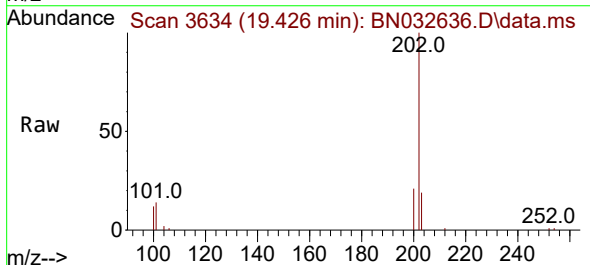
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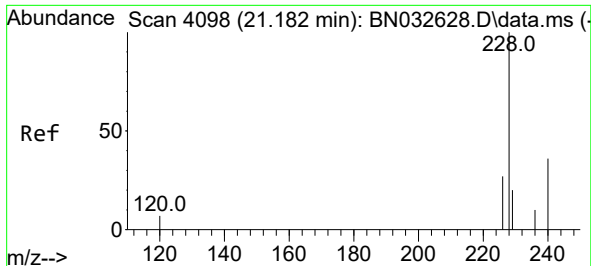
Tgt Ion:202 Resp: 22315
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.8
100 9.5 7.9 11.9



#20
Pyrene
Concen: 0.392 ng/ul
RT: 19.426 min Scan# 3634
Delta R.T. 0.005 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

Tgt Ion:202 Resp: 23040
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.6
100 11.7 9.6 14.4

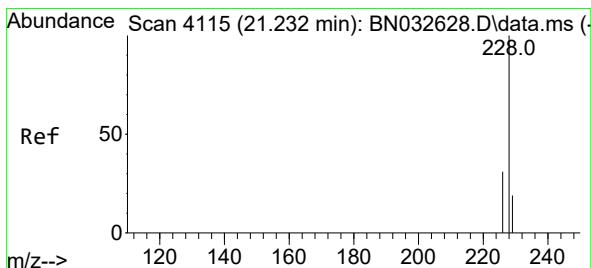
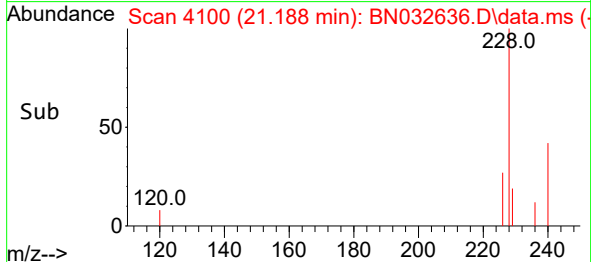
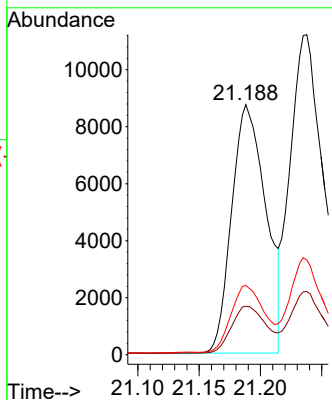
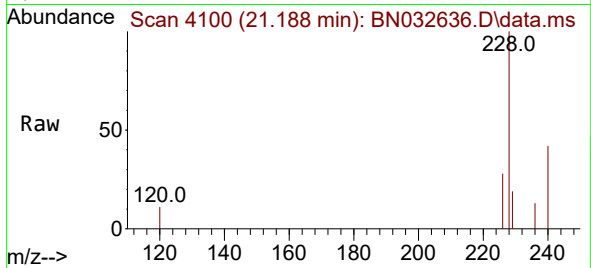




#21
Benzo(a)anthracene
Concen: 0.380 ng/ul
RT: 21.188 min Scan# 4100
Delta R.T. 0.006 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

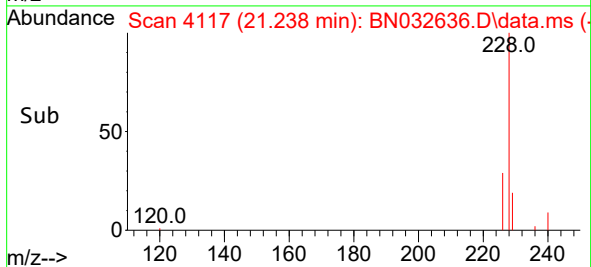
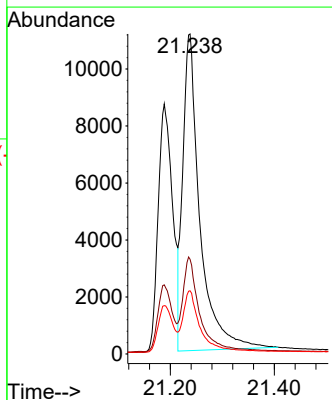
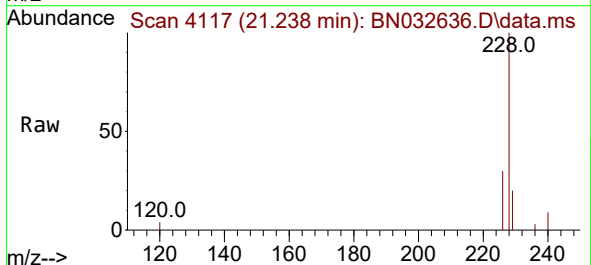
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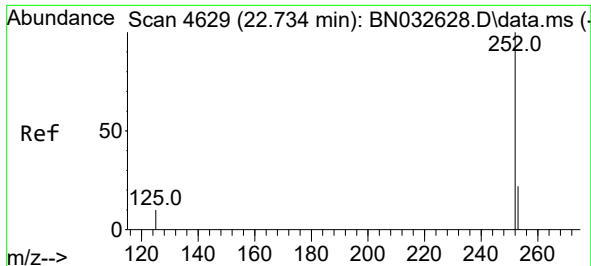
Tgt Ion:228 Resp: 16904
Ion Ratio Lower Upper
228 100
229 19.3 16.1 24.1
226 27.6 21.9 32.9



#22
Chrysene
Concen: 0.392 ng/ul
RT: 21.238 min Scan# 4117
Delta R.T. 0.006 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

Tgt Ion:228 Resp: 25248
Ion Ratio Lower Upper
228 100
226 29.6 24.0 36.0
229 19.7 15.8 23.6

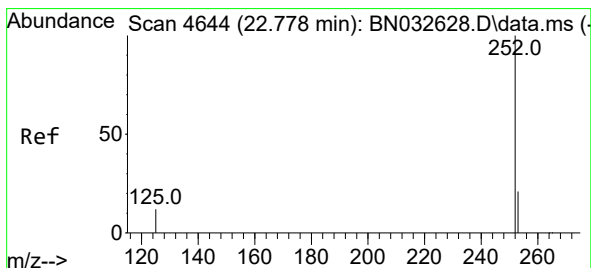
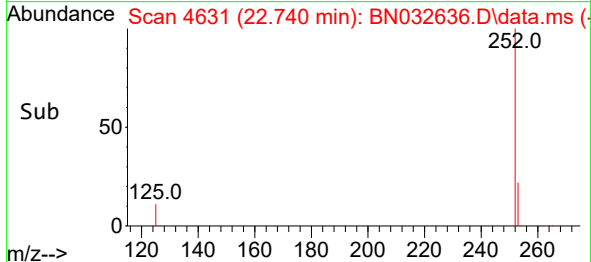
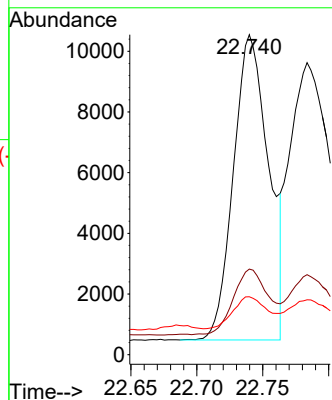
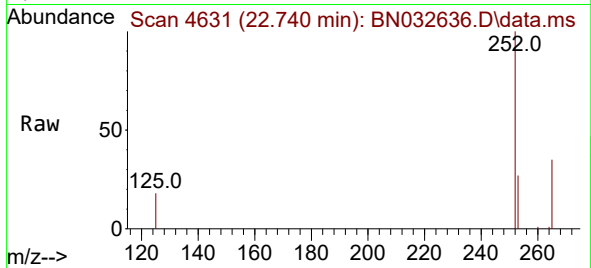




#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 22.740 min Scan# 4631
Delta R.T. 0.006 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

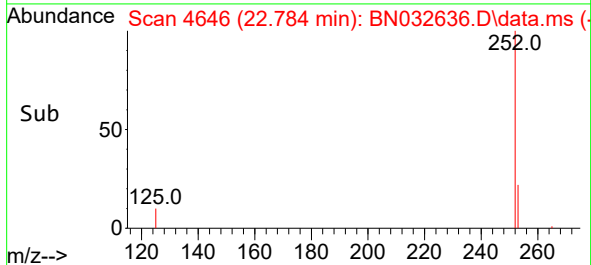
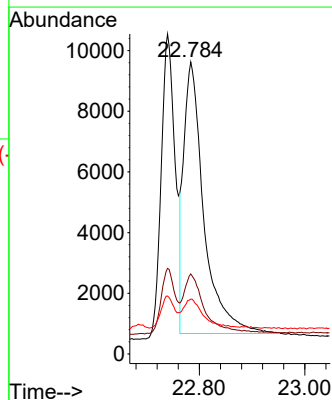
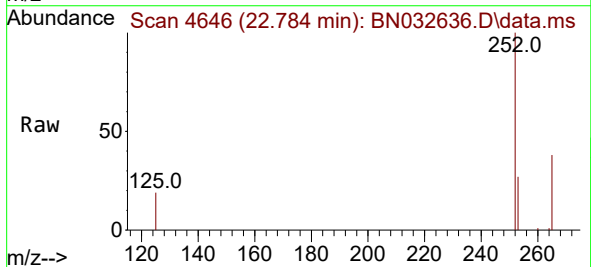
Instrument :
BNA_N
ClientSampleId :
SSTD0.4254

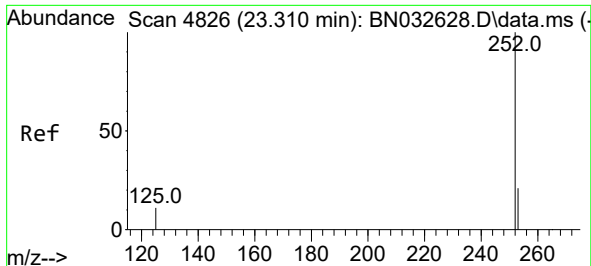
Tgt Ion:252 Resp: 18655
Ion Ratio Lower Upper
252 100
253 26.7 0.0 54.0
125 18.1 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.391 ng/ul
RT: 22.784 min Scan# 4646
Delta R.T. 0.006 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

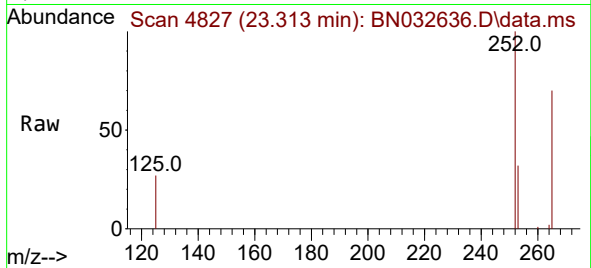
Tgt Ion:252 Resp: 23714
Ion Ratio Lower Upper
252 100
253 27.4 21.2 31.8
125 18.8 14.8 22.2



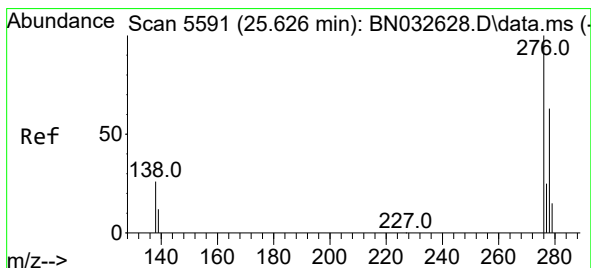
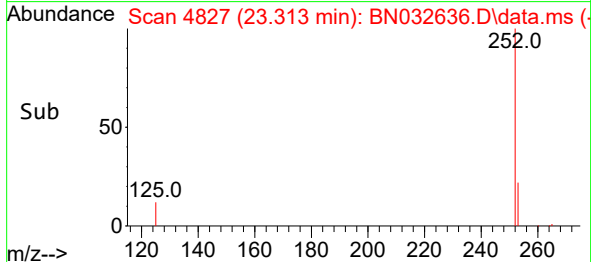
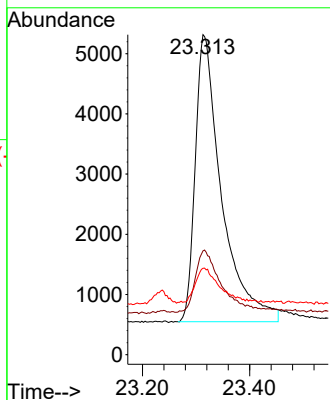


#26
Benzo(a)pyrene
Concen: 0.378 ng/ul
RT: 23.313 min Scan# 4826
Delta R.T. 0.003 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

Instrument :
BNA_N
ClientSampleId :
SSTD0.4254

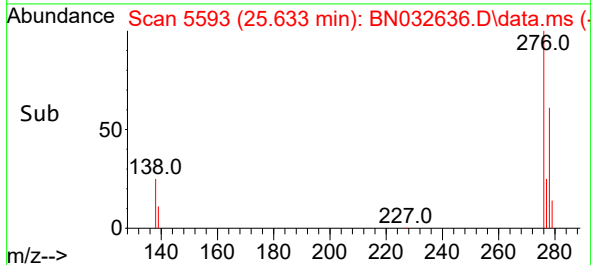
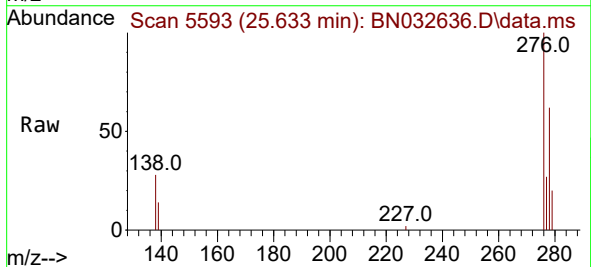
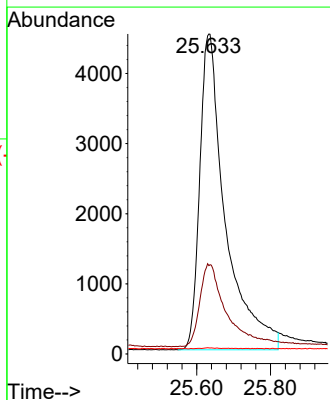


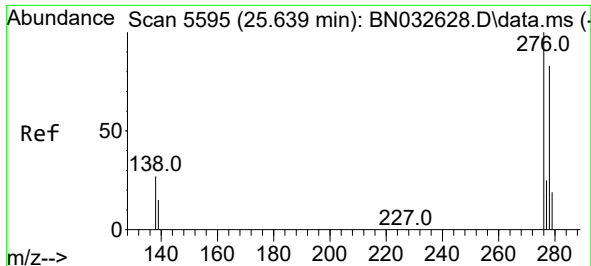
Tgt Ion:252 Resp: 16269
Ion Ratio Lower Upper
252 100
253 32.4 25.4 38.0
125 27.0 20.6 30.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/ul
RT: 25.633 min Scan# 5593
Delta R.T. 0.007 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

Tgt Ion:276 Resp: 21711
Ion Ratio Lower Upper
276 100
138 27.1 21.6 32.4
227 0.1 0.0 0.0#

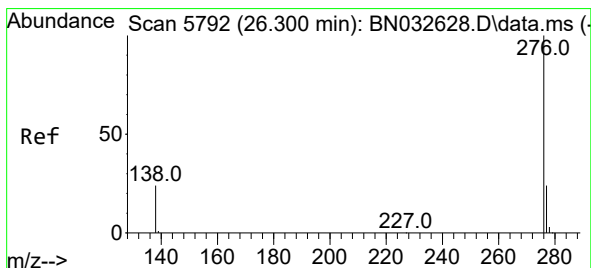
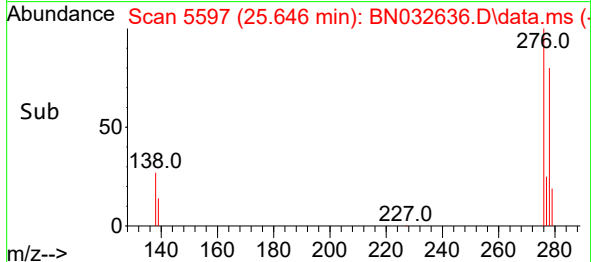
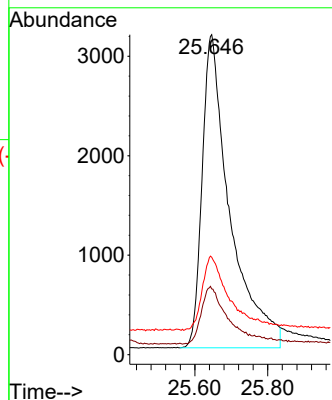
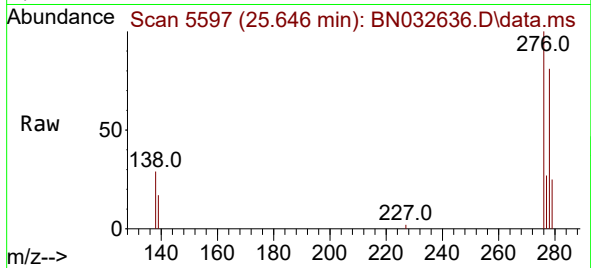




#28
Dibenzo(a,h)anthracene
Concen: 0.368 ng/ul
RT: 25.646 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

Instrument :
BNA_N
ClientSampleId :
SSTD0.4254

Tgt Ion:278 Resp: 16640
Ion Ratio Lower Upper
278 100
139 20.5 16.6 24.8
279 30.5 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.372 ng/ul
RT: 26.307 min Scan# 5794
Delta R.T. 0.007 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

Tgt Ion:276 Resp: 18130
Ion Ratio Lower Upper
276 100
138 25.8 21.0 31.4
277 25.7 20.6 31.0

