

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032548.D
 Acq On : 06 Jul 2024 16:38
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4253

Quant Time: Jul 07 23:45:59 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)

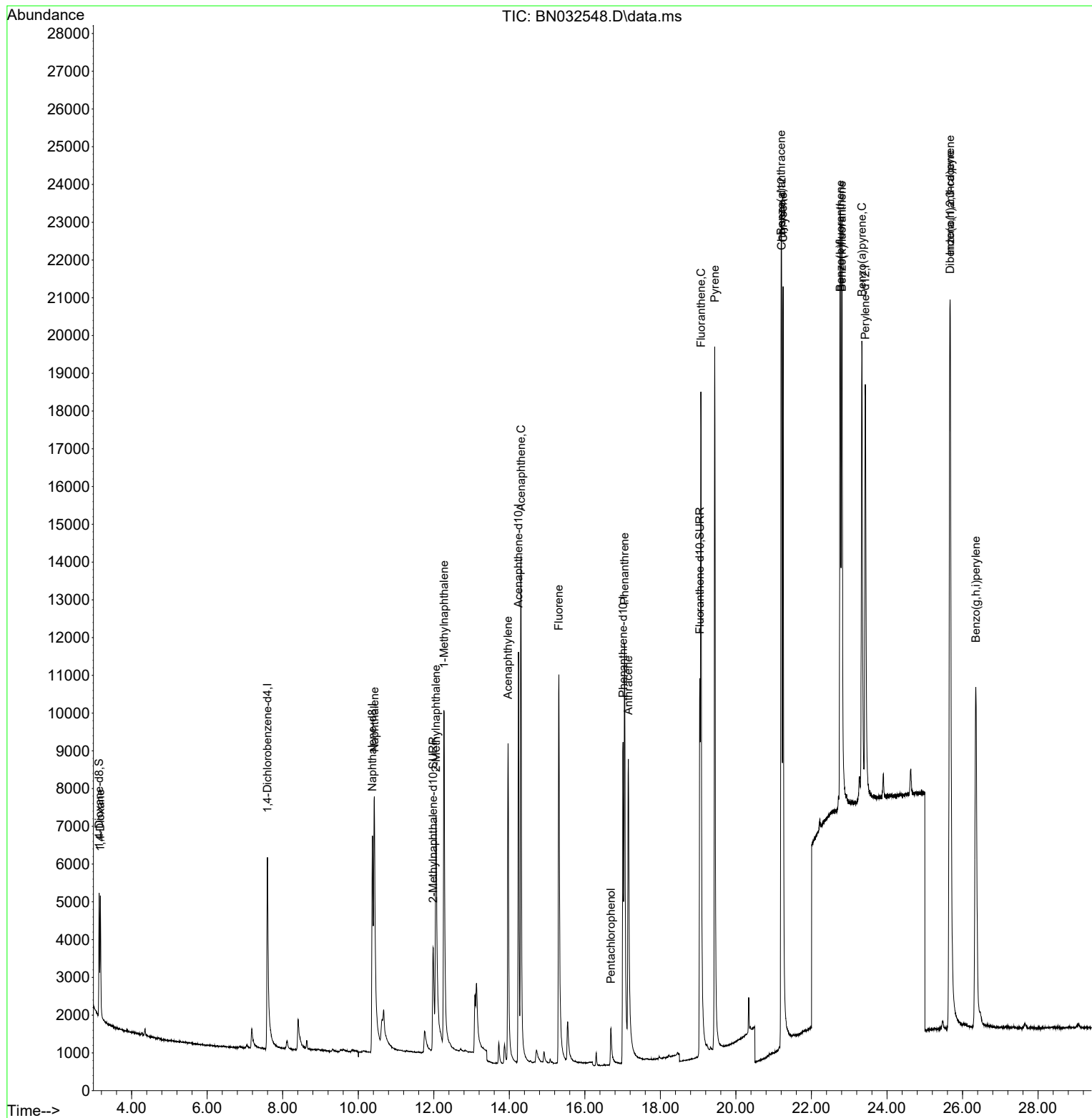
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	4323	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	13269	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.244	164	7668	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	15176	0.400	ng/ul	0.00
17) Chrysene-d12	21.211	240	14312	0.400	ng/ul	0.00
23) Perylene-d12	23.427	264	17152	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	2330	0.485	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	7255	0.365	ng/ul	0.00
18) Fluoranthene-d10	19.045	212	15166	0.352	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.173	88	2475	0.452	ng/ul#	91
5) Naphthalene	10.426	128	14026	0.399	ng/ul	98
7) 2-Methylnaphthalene	12.059	142	8308	0.357	ng/ul	98
8) 1-Methylnaphthalene	12.273	142	9245	0.383	ng/ul	99
10) Acenaphthylene	13.966	152	13351	0.419	ng/ul	98
11) Acenaphthene	14.308	153	9895	0.400	ng/ul	99
12) Fluorene	15.312	166	10410	0.353	ng/ul	100
14) Pentachlorophenol	16.691	266	1355	0.395	ng/ul	97
15) Phenanthrene	17.054	178	15572	0.374	ng/ul	99
16) Anthracene	17.151	178	14103	0.380	ng/ul	98
19) Fluoranthene	19.073	202	19256	0.353	ng/ul#	96
20) Pyrene	19.440	202	20347	0.357	ng/ul	99
21) Benzo(a)anthracene	21.197	228	19335	0.374	ng/ul	99
22) Chrysene	21.249	228	21134	0.373	ng/ul	98
24) Benzo(b)fluoranthene	22.760	252	21185	0.284	ng/ul	94
25) Benzo(k)fluoranthene	22.807	252	22820	0.315	ng/ul#	94
26) Benzo(a)pyrene	23.336	252	21368	0.412	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.670	276	26912	0.332	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.676	278	21353	0.354	ng/ul	96
29) Benzo(g,h,i)perylene	26.354	276	22018	0.340	ng/ul	97

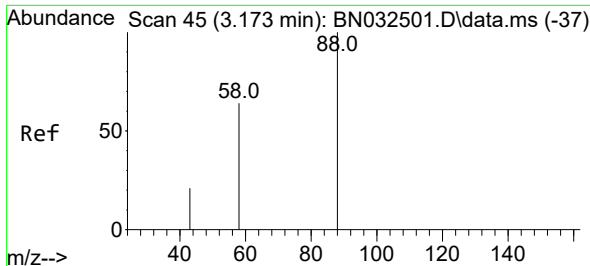
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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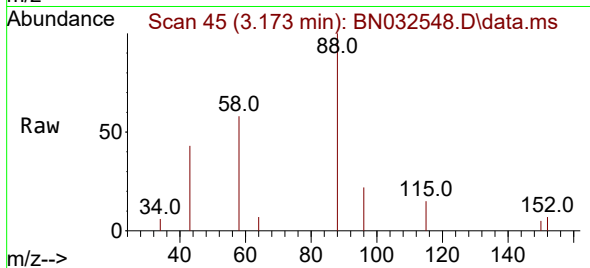
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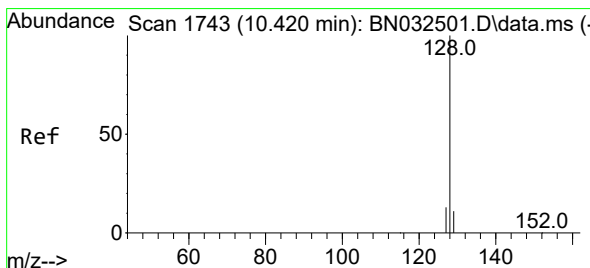
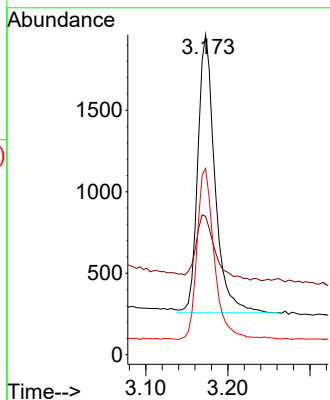
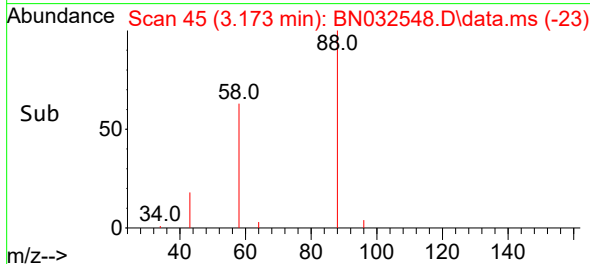


#2
1,4-Dioxane
Concen: 0.452 ng/ul
RT: 3.173 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38

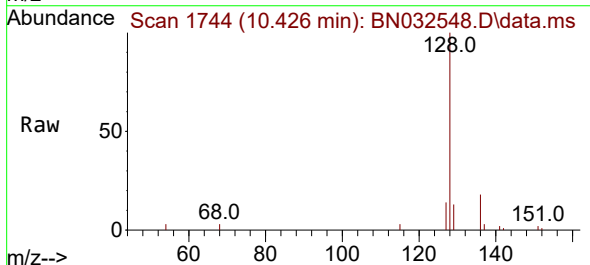
Instrument :
BNA_N
ClientSampleId :
SSTD0.4253



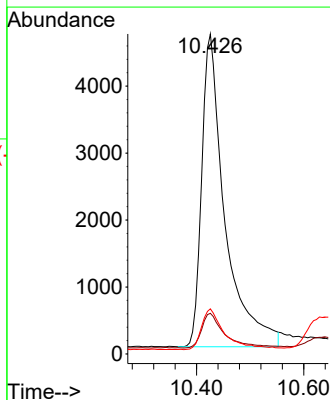
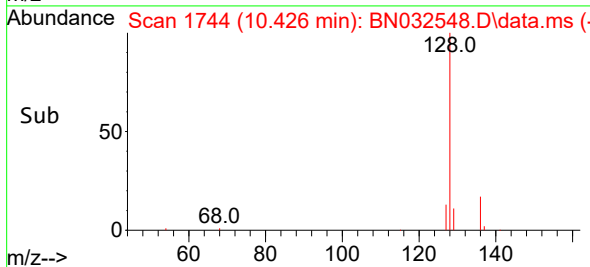
Tgt Ion: 88 Resp: 2475
Ion Ratio Lower Upper
88 100
43 43.2 28.4 42.6#
58 58.2 43.3 64.9

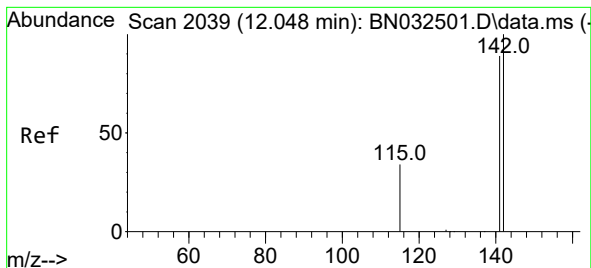


#5
Naphthalene
Concen: 0.399 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38



Tgt Ion: 128 Resp: 14026
Ion Ratio Lower Upper
128 100
129 12.7 9.2 13.8
127 14.1 10.8 16.2

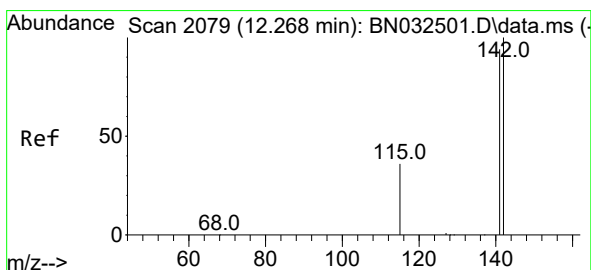
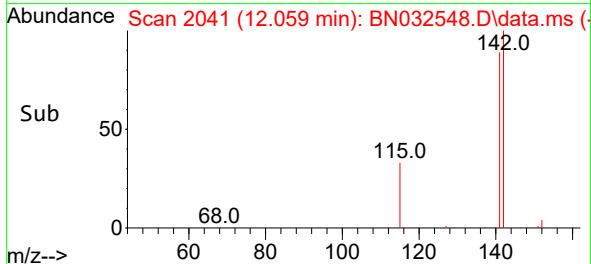
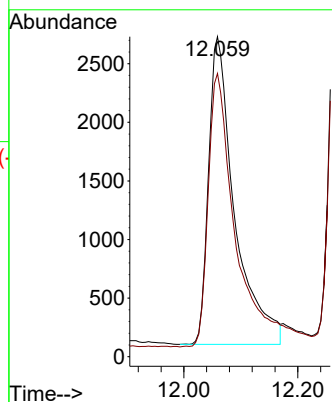
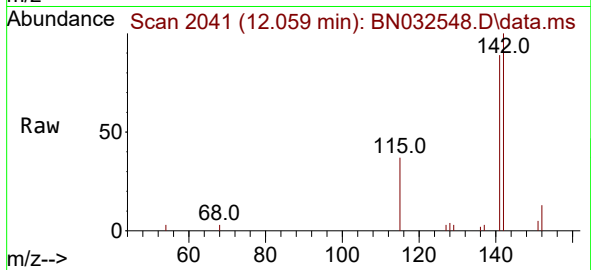




#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. 0.005 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38

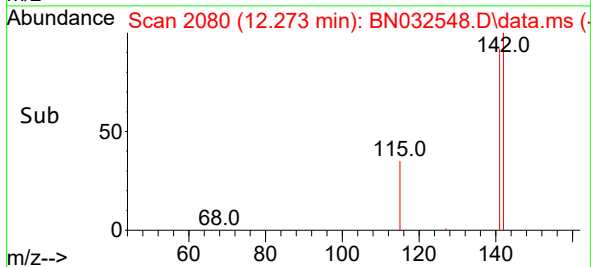
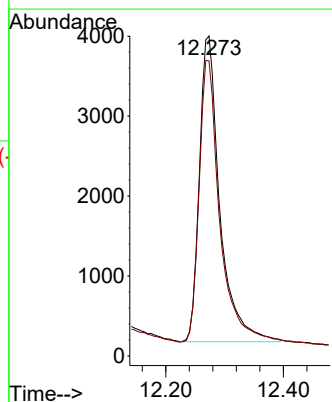
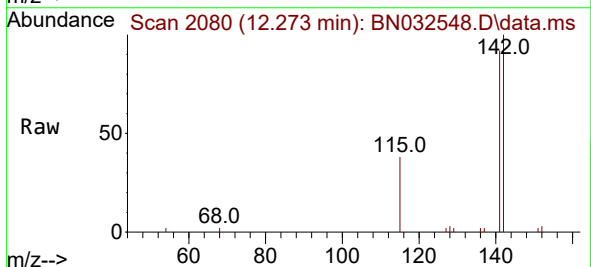
Instrument :
BNA_N
ClientSampleId :
SSTD0.4253

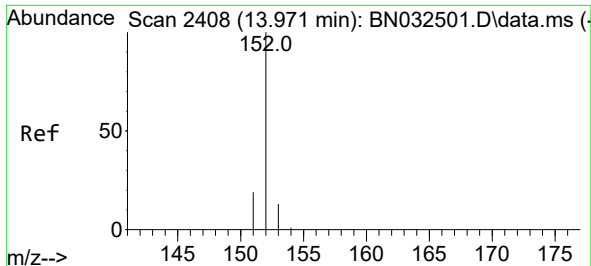
Tgt Ion:142 Resp: 8308
Ion Ratio Lower Upper
142 100
141 91.7 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.273 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38

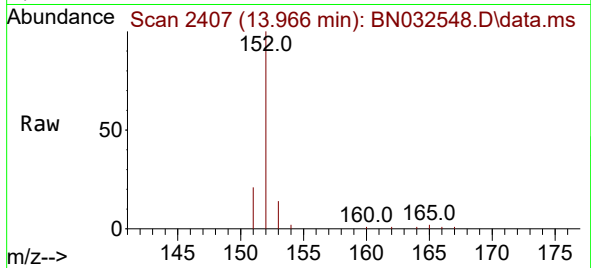
Tgt Ion:142 Resp: 9245
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.0



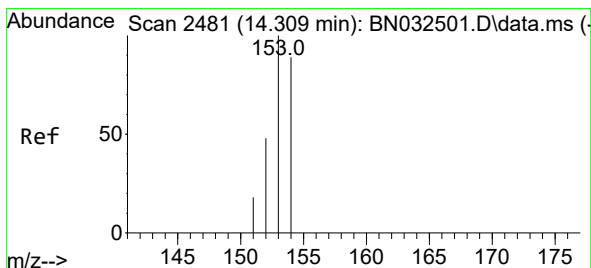
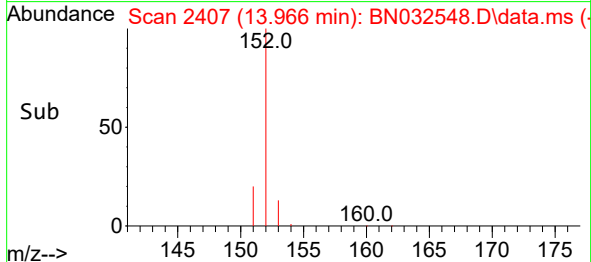
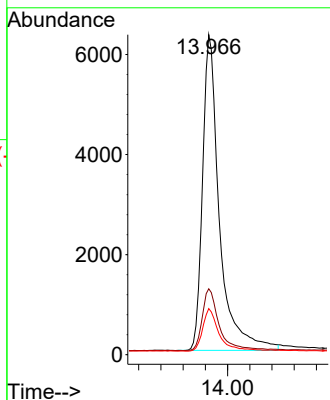


#10
Acenaphthylene
Concen: 0.419 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38

Instrument :
BNA_N
ClientSampleId :
SSTD0.4253

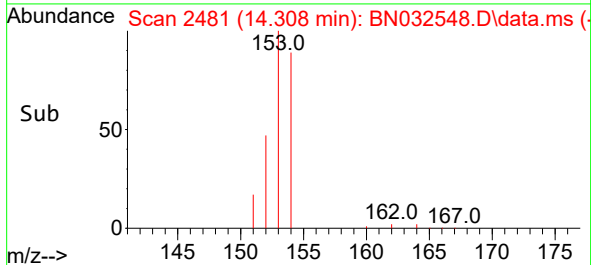
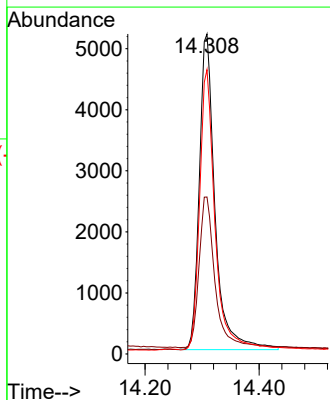
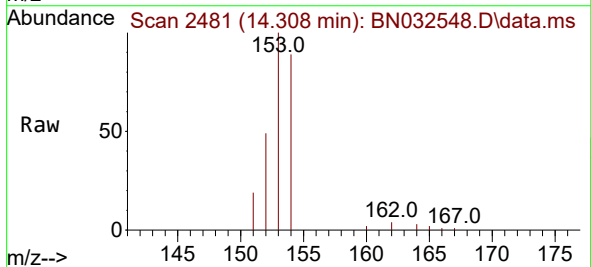


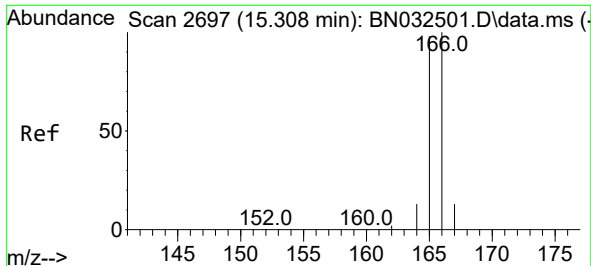
Tgt Ion:152 Resp: 13351
Ion Ratio Lower Upper
152 100
151 20.6 15.7 23.5
153 14.4 10.9 16.3



#11
Acenaphthene
Concen: 0.400 ng/ul
RT: 14.308 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38

Tgt Ion:153 Resp: 9895
Ion Ratio Lower Upper
153 100
152 49.0 39.5 59.3
154 88.8 71.7 107.5

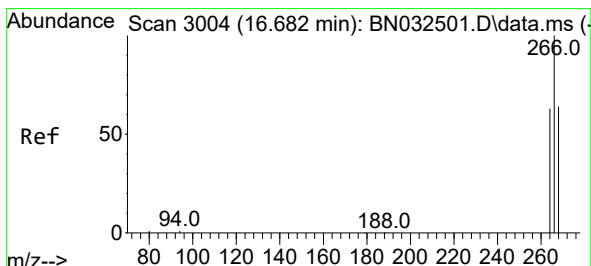
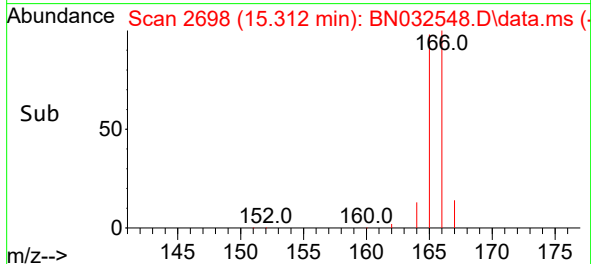
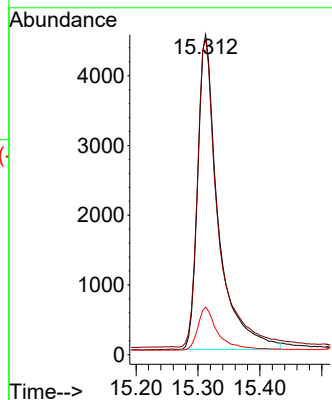
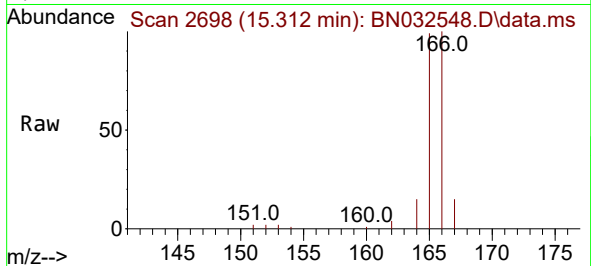




#12
Fluorene
Concen: 0.353 ng/ul
RT: 15.312 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38

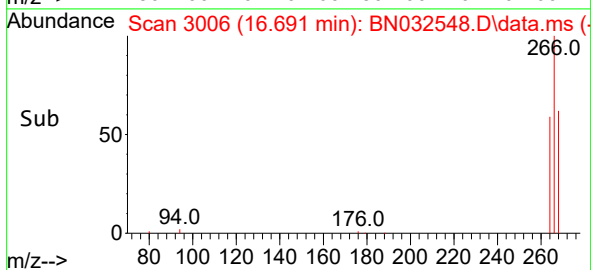
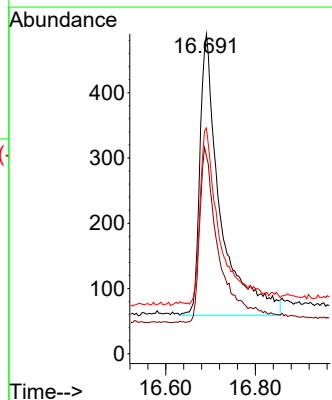
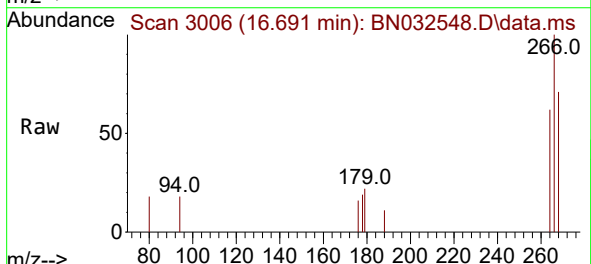
Instrument :
BNA_N
ClientSampleId :
SSTD0.4253

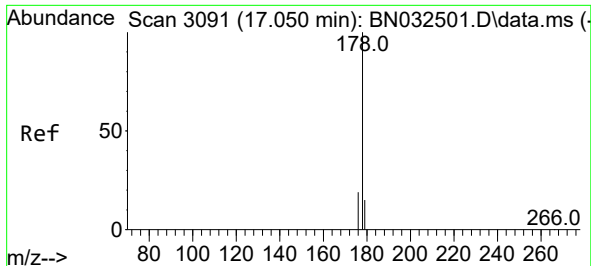
Tgt Ion:166 Resp: 10410
Ion Ratio Lower Upper
166 100
165 98.8 79.0 118.6
167 14.9 11.0 16.6



#14
Pentachlorophenol
Concen: 0.395 ng/ul
RT: 16.691 min Scan# 3006
Delta R.T. 0.017 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38

Tgt Ion:266 Resp: 1355
Ion Ratio Lower Upper
266 100
264 61.0 49.9 74.9
268 62.6 52.4 78.6

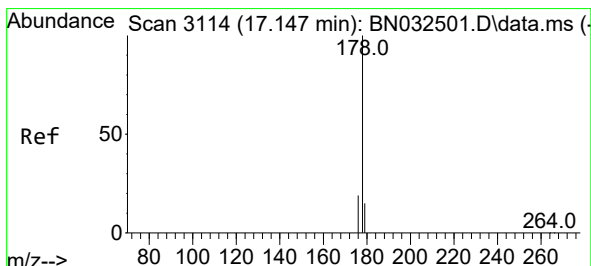
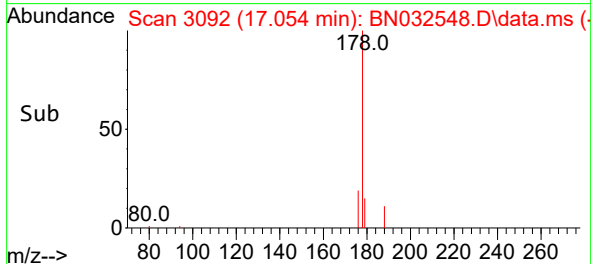
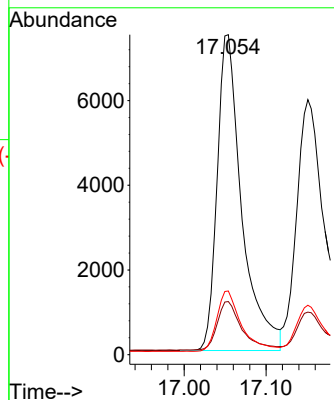
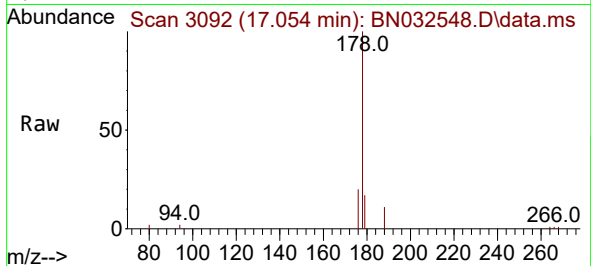




#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.054 min Scan# 3091
Delta R.T. 0.004 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38

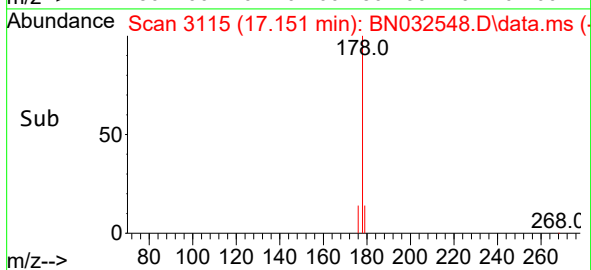
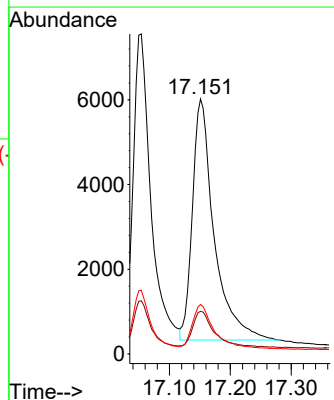
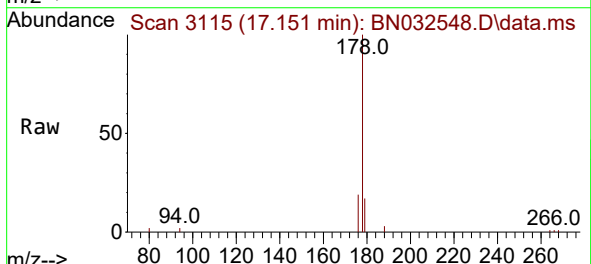
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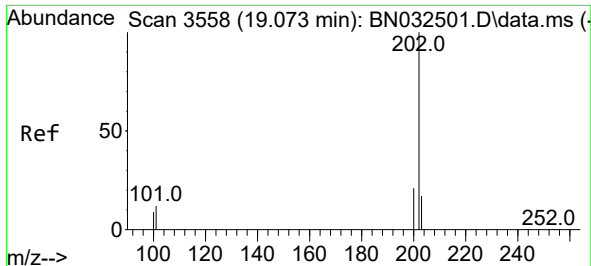
Tgt Ion:178 Resp: 15572
Ion Ratio Lower Upper
178 100
179 16.6 12.6 18.8
176 19.9 15.6 23.4



#16
Anthracene
Concen: 0.380 ng/ul
RT: 17.151 min Scan# 3115
Delta R.T. 0.008 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38

Tgt Ion:178 Resp: 14103
Ion Ratio Lower Upper
178 100
179 16.7 12.5 18.7
176 19.4 15.0 22.6

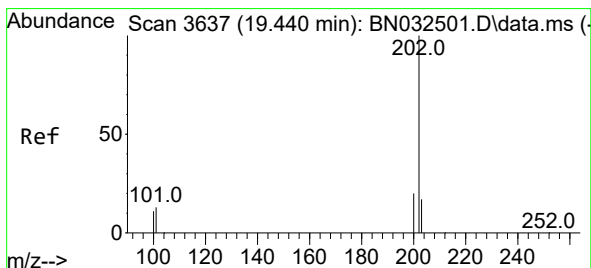
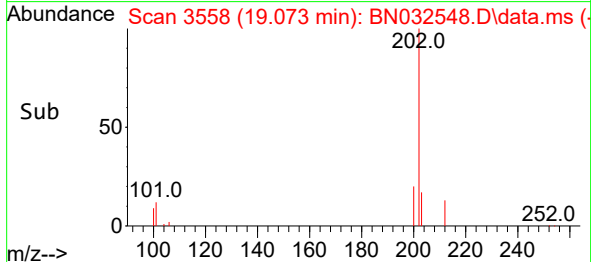
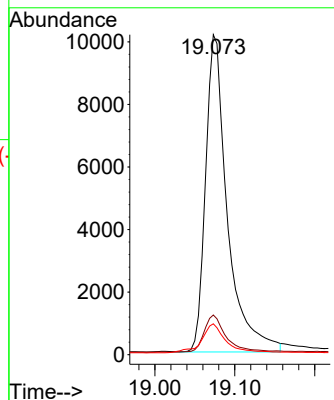
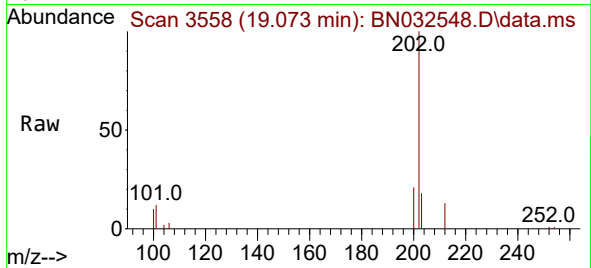




#19
Fluoranthene
Concen: 0.353 ng/ul
RT: 19.073 min Scan# 3558
Delta R.T. -0.000 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38

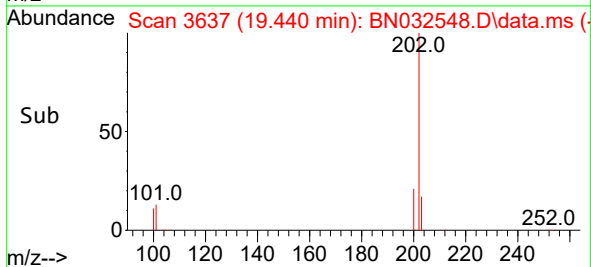
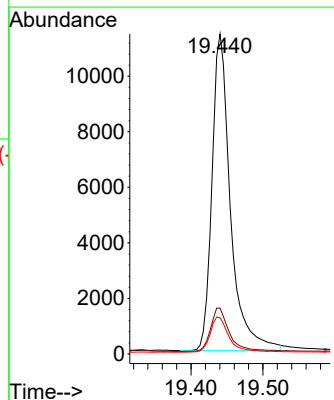
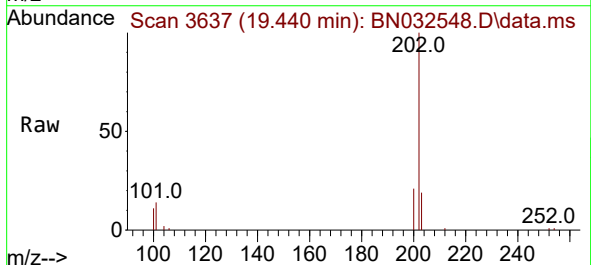
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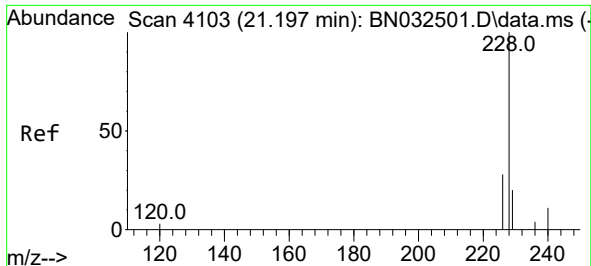
Tgt Ion:202 Resp: 19256
Ion Ratio Lower Upper
202 100
101 12.4 8.8 13.2
100 9.7 6.4 9.6#



#20
Pyrene
Concen: 0.357 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38

Tgt Ion:202 Resp: 20347
Ion Ratio Lower Upper
202 100
101 14.3 11.0 16.4
100 11.3 8.7 13.1

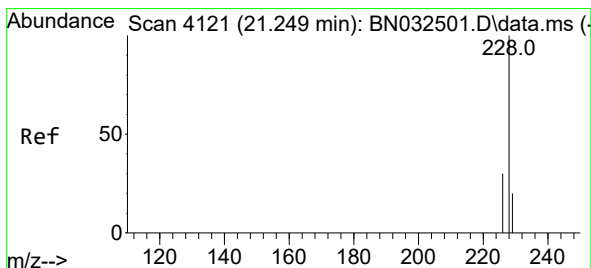
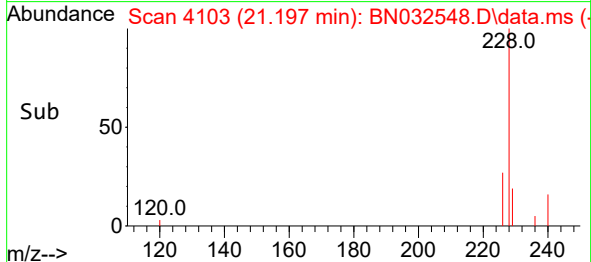
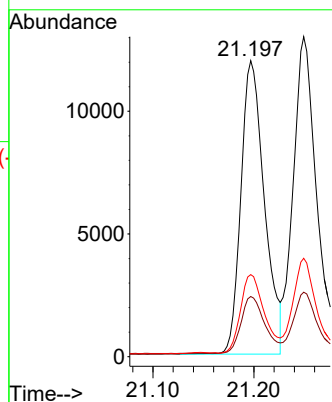
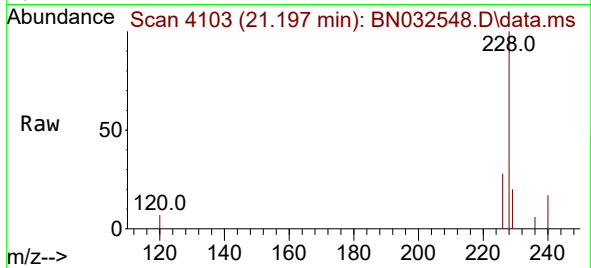




#21
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.197 min Scan# 4103
Delta R.T. 0.006 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38

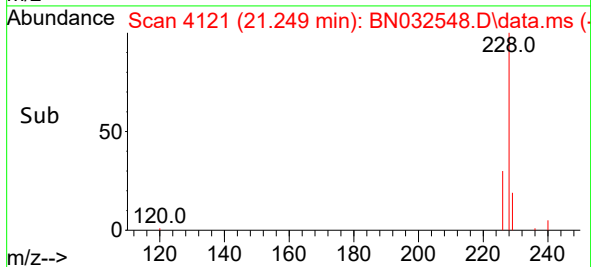
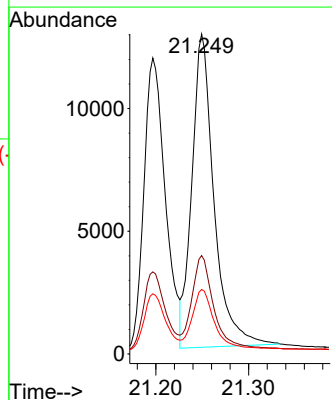
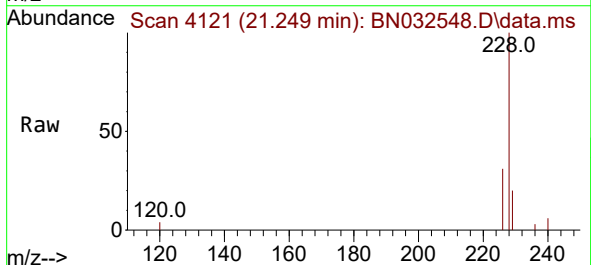
Instrument :
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ClientSampleId :
SSTD0.4253

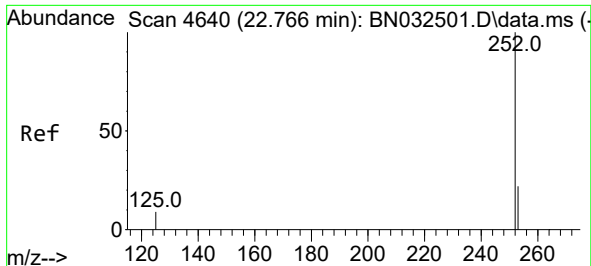
Tgt Ion:228 Resp: 19335
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 27.7 21.8 32.8



#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.249 min Scan# 4121
Delta R.T. 0.006 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38

Tgt Ion:228 Resp: 21134
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 20.1 15.7 23.5

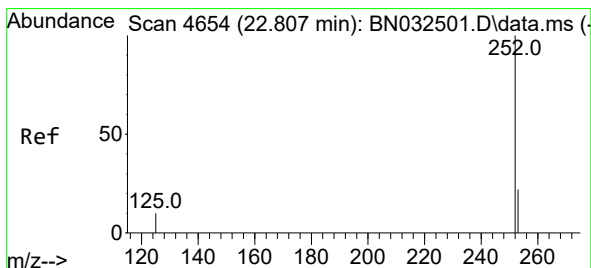
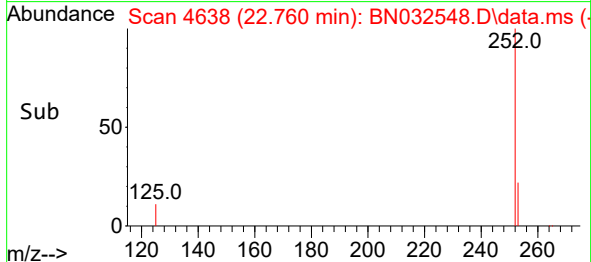
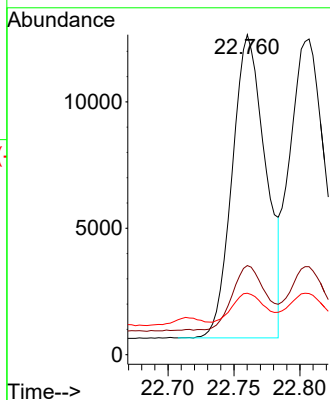
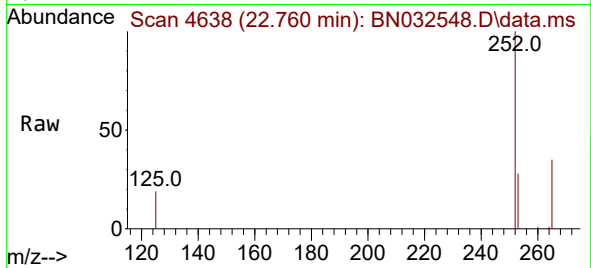




#24
Benzo(b)fluoranthene
Concen: 0.284 ng/ul
RT: 22.760 min Scan# 4638
Delta R.T. 0.003 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38

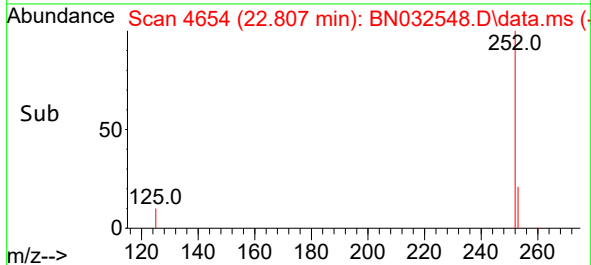
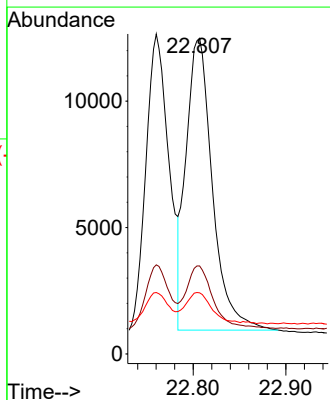
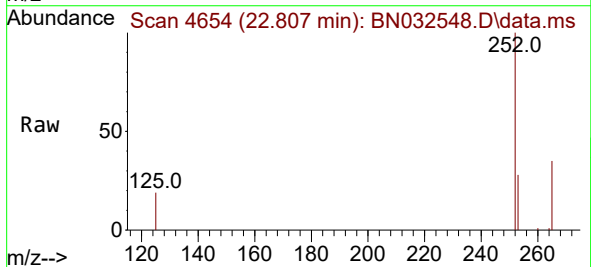
Instrument :
BNA_N
ClientSampleId :
SSTD0.4253

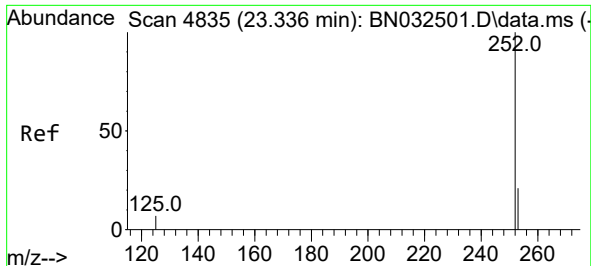
Tgt Ion:252 Resp: 21185
Ion Ratio Lower Upper
252 100
253 27.9 0.0 50.2
125 19.2 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.315 ng/ul
RT: 22.807 min Scan# 4654
Delta R.T. 0.006 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38

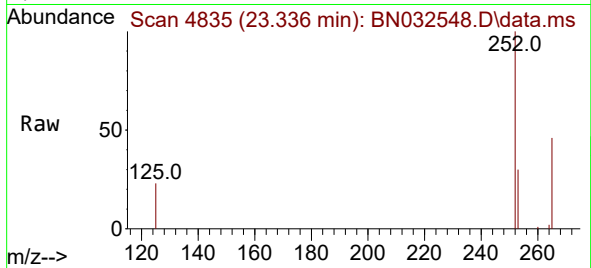
Tgt Ion:252 Resp: 22820
Ion Ratio Lower Upper
252 100
253 27.9 20.3 30.5
125 19.4 12.8 19.2#



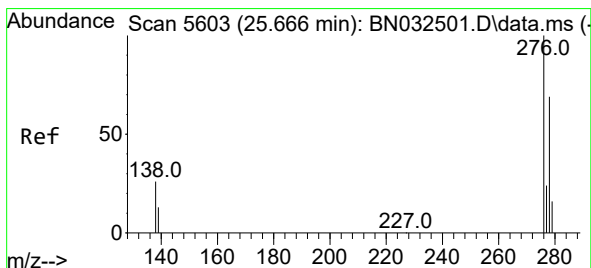
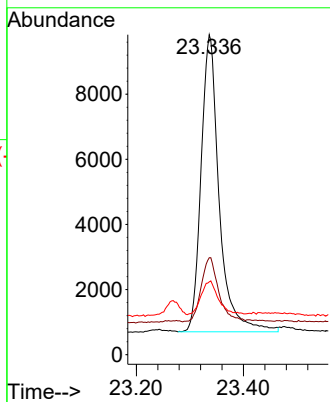
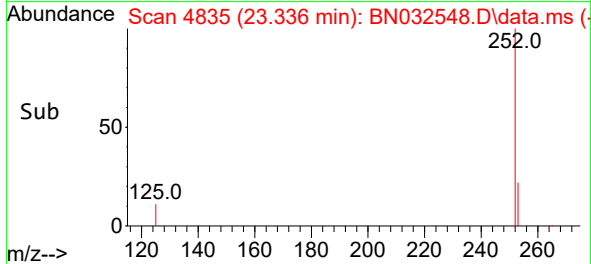


#26
Benzo(a)pyrene
Concen: 0.412 ng/ul
RT: 23.336 min Scan# 4835
Delta R.T. 0.009 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38

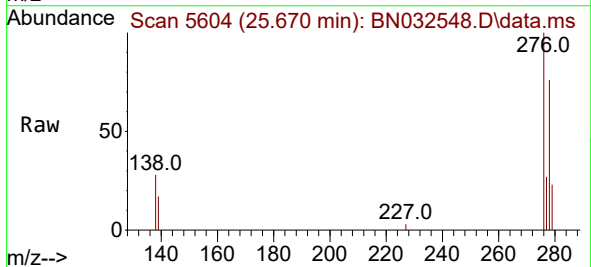
Instrument :
BNA_N
ClientSampleId :
SSTD0.4253



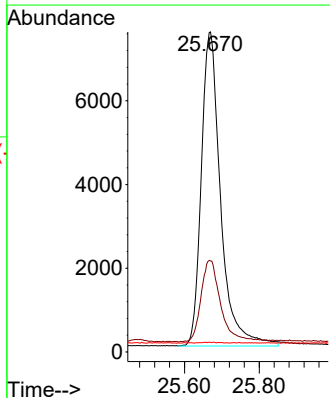
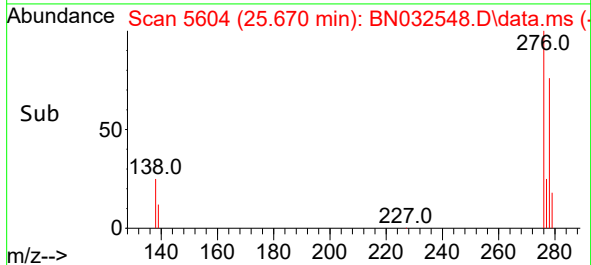
Tgt Ion:252 Resp: 21368
Ion Ratio Lower Upper
252 100
253 30.3 22.2 33.2
125 22.8 16.4 24.6

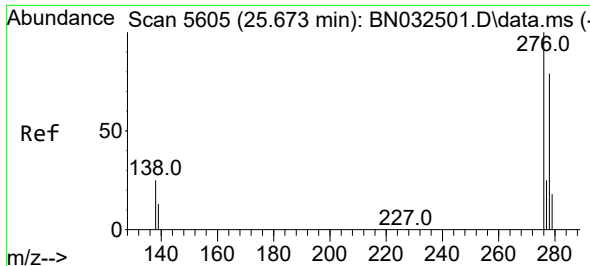


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng/ul
RT: 25.670 min Scan# 5604
Delta R.T. 0.010 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38



Tgt Ion:276 Resp: 26912
Ion Ratio Lower Upper
276 100
138 26.4 21.3 31.9
227 0.0 0.1 0.1

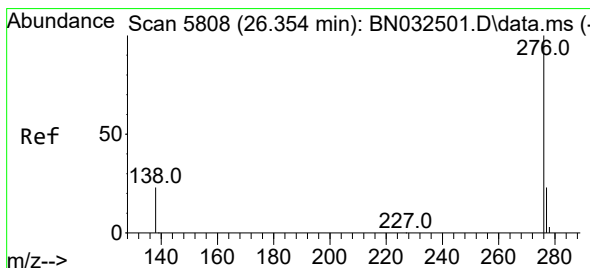
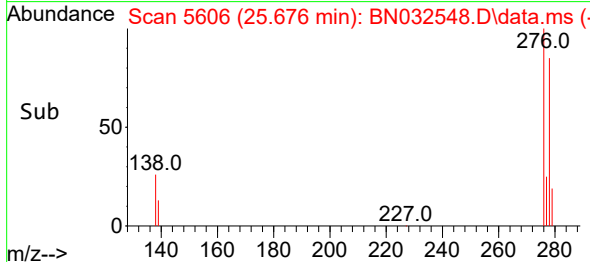
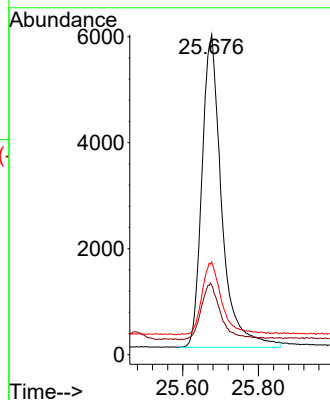
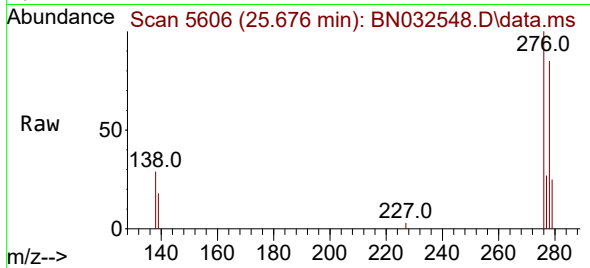




#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 25.676 min Scan# 5606
Delta R.T. 0.010 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38

Instrument :
BNA_N
ClientSampleId :
SSTD0.4253

Tgt Ion:278 Resp: 21353
Ion Ratio Lower Upper
278 100
139 21.7 15.9 23.9
279 28.9 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.340 ng/ul
RT: 26.354 min Scan# 5808
Delta R.T. 0.010 min
Lab File: BN032548.D
Acq: 06 Jul 2024 16:38

Tgt Ion:276 Resp: 22018
Ion Ratio Lower Upper
276 100
138 26.2 19.8 29.6
277 26.1 19.8 29.6

