

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071922\
 Data File : BN020766.D
 Acq On : 19 Jul 2022 09:45
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4394

Quant Time: Jul 20 01:04:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 01:02:30 2022
 Response via : Initial Calibration

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

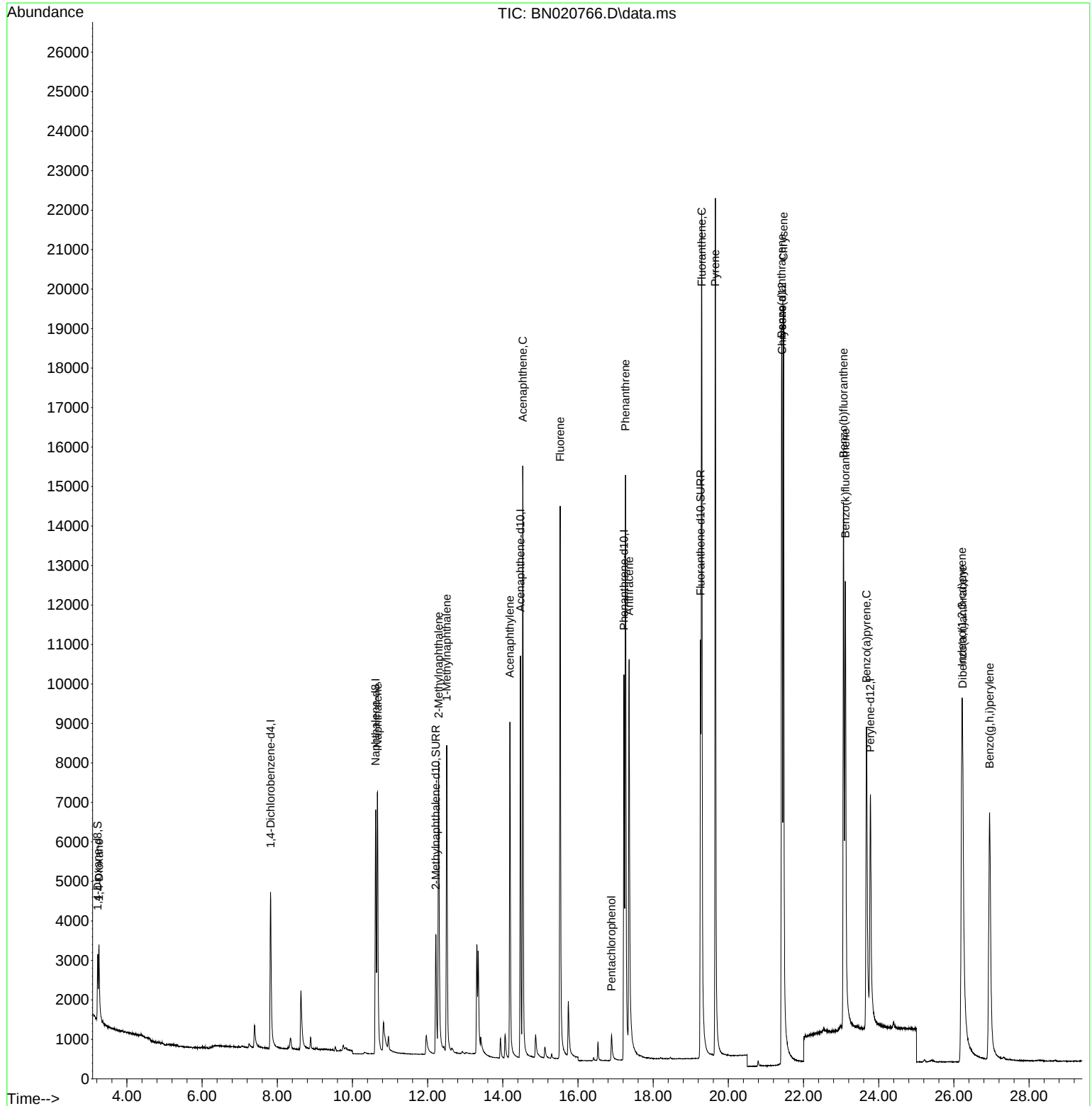
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	2919	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	9603	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.470	164	6155	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.222	188	12811	0.400	ng/ul	0.00
17) Chrysene-d12	21.430	240	11659	0.400	ng/ul	0.00
23) Perylene-d12	23.777	264	9281	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	1158	0.342	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	4998	0.317	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	13951	0.363	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.256	88	1175	0.340	ng/ul	89
5) Naphthalene	10.667	128	10971	0.370	ng/ul	99
7) 2-Methylnaphthalene	12.294	142	6870	0.346	ng/ul	99
8) 1-Methylnaphthalene	12.509	142	6175	0.328	ng/ul	100
10) Acenaphthylene	14.188	152	11794	0.404	ng/ul	100
11) Acenaphthene	14.530	153	9675	0.414	ng/ul	100
12) Fluorene	15.525	166	10961	0.396	ng/ul	100
14) Pentachlorophenol	16.893	266	692	0.268	ng/ul	96
15) Phenanthrene	17.264	178	18636	0.418	ng/ul	99
16) Anthracene	17.361	178	14977	0.390	ng/ul	100
19) Fluoranthene	19.291	202	21195	0.398	ng/ul	100
20) Pyrene	19.653	202	21882	0.396	ng/ul	98
21) Benzo(a)anthracene	21.415	228	15521	0.371	ng/ul	100
22) Chrysene	21.468	228	19571	0.420	ng/ul	100
24) Benzo(b)fluoranthene	23.063	252	18588	0.433	ng/ul	97
25) Benzo(k)fluoranthene	23.113	252	18727	0.432	ng/ul	98
26) Benzo(a)pyrene	23.674	252	15575	0.399	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.215	276	16495	0.425	ng/ul	98
28) Dibenzo(a,h)anthracene	26.232	278	12588	0.401	ng/ul	100
29) Benzo(g,h,i)perylene	26.950	276	16059	0.482	ng/ul	99

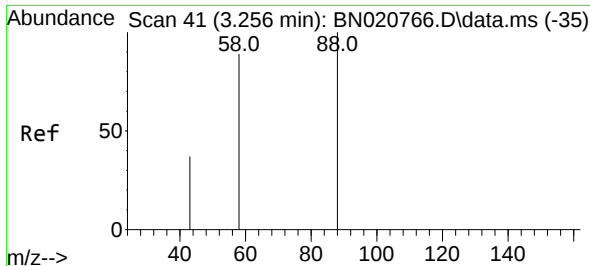
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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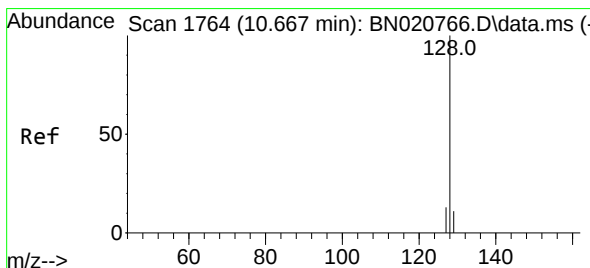
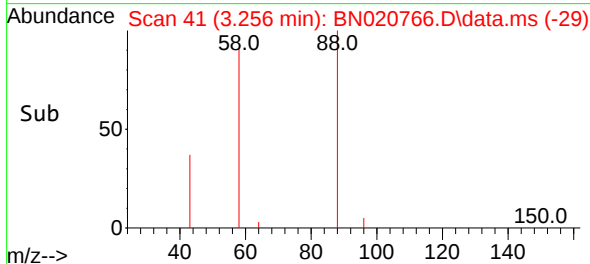
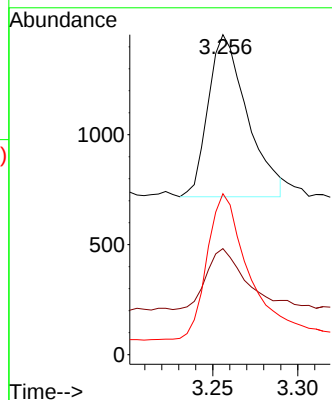
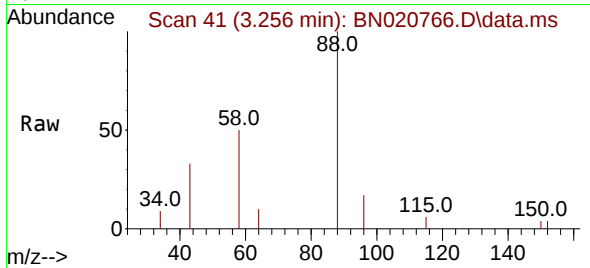




#2
 1,4-Dioxane
 Concen: 0.340 ng/ul
 RT: 3.256 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN020766.D
 Acq: 19 Jul 2022 09:45

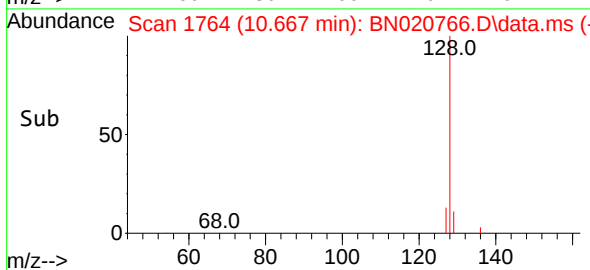
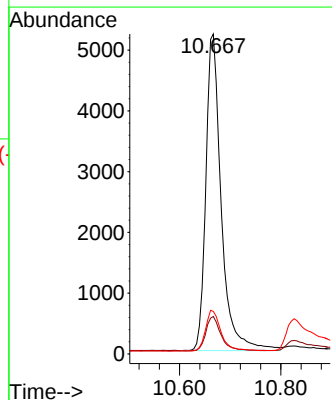
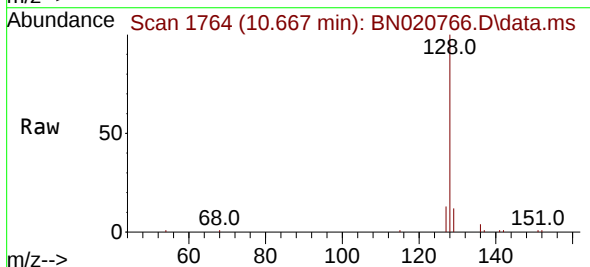
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4394

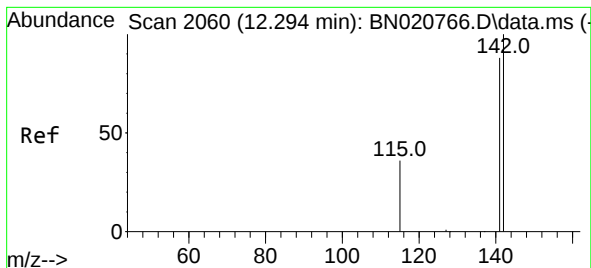
Tgt Ion: 88 Resp: 1175
 Ion Ratio Lower Upper
 88 100
 43 33.1 32.5 48.7
 58 50.3 46.2 69.2



#5
 Naphthalene
 Concen: 0.370 ng/ul
 RT: 10.667 min Scan# 1764
 Delta R.T. 0.000 min
 Lab File: BN020766.D
 Acq: 19 Jul 2022 09:45

Tgt Ion: 128 Resp: 10971
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.5 14.3
 127 13.3 11.3 16.9

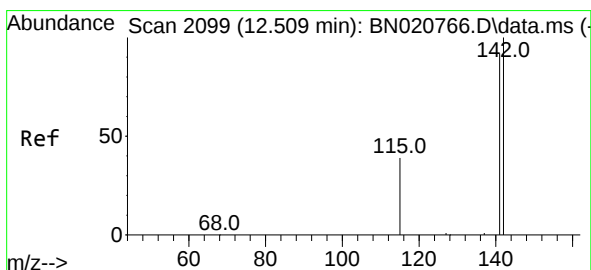
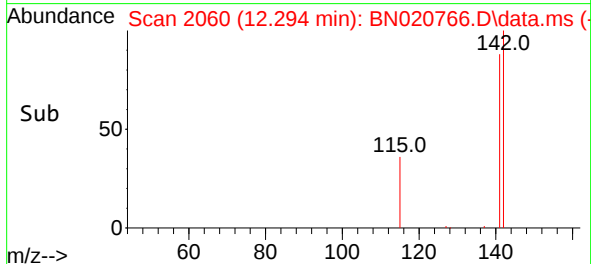
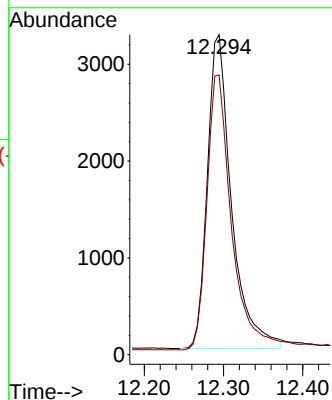
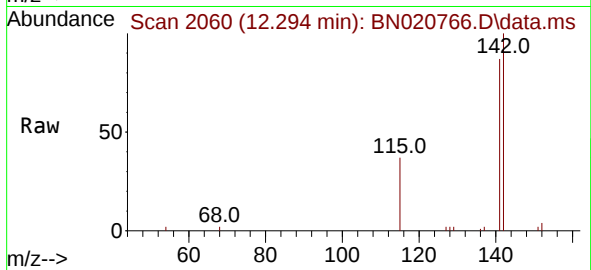




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN020766.D
Acq: 19 Jul 2022 09:45

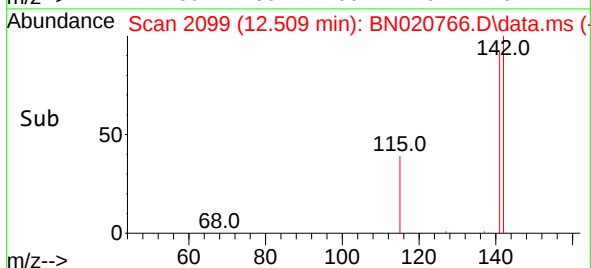
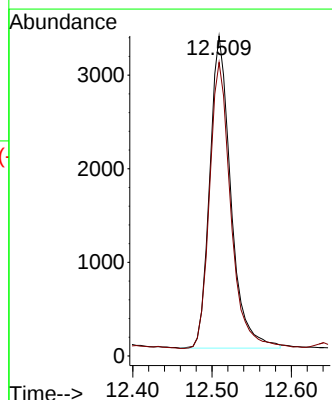
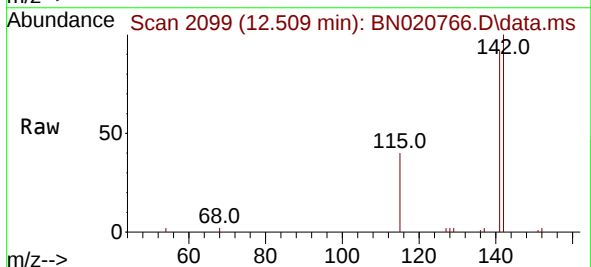
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ClientSampleId :
SSTD0.4394

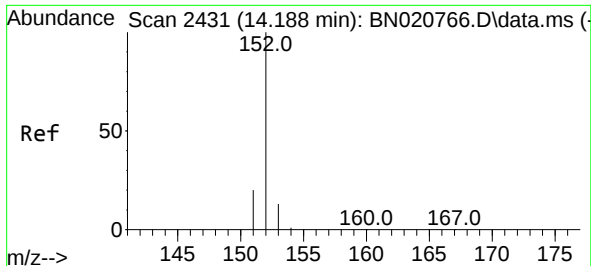
Tgt Ion:142 Resp: 6870
Ion Ratio Lower Upper
142 100
141 89.0 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.509 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN020766.D
Acq: 19 Jul 2022 09:45

Tgt Ion:142 Resp: 6175
Ion Ratio Lower Upper
142 100
141 92.0 73.7 110.5

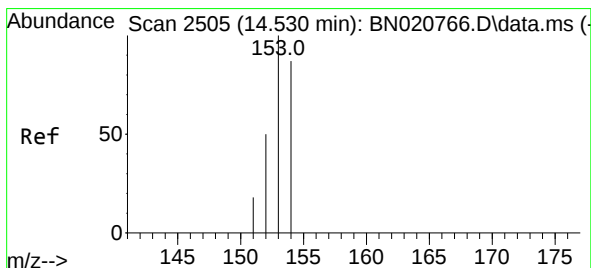
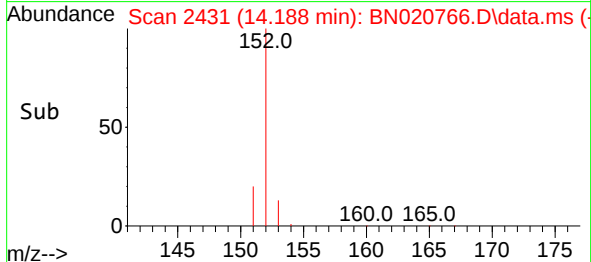
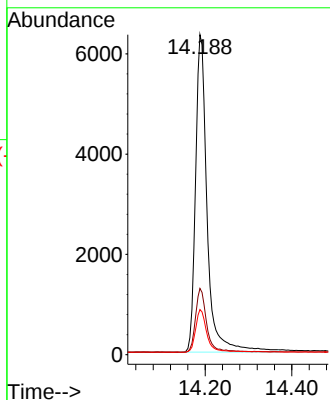
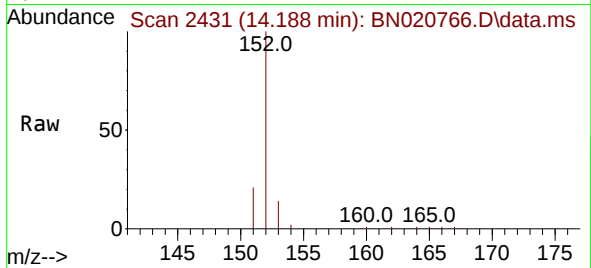




#10
Acenaphthylene
Concen: 0.404 ng/ul
RT: 14.188 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN020766.D
Acq: 19 Jul 2022 09:45

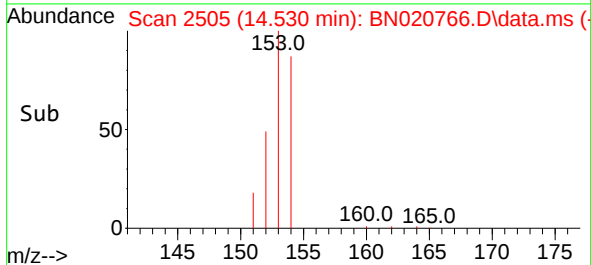
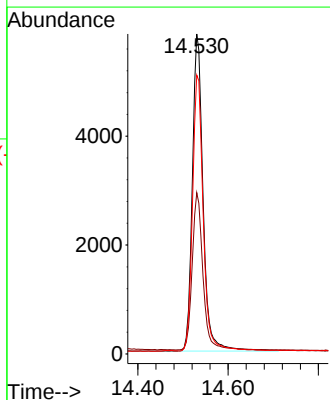
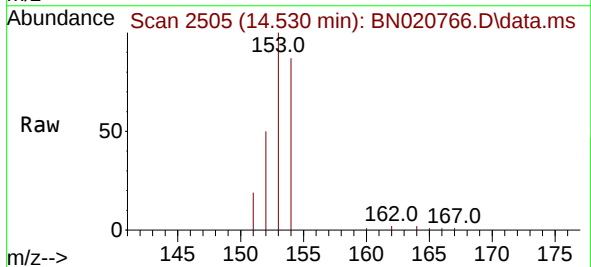
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BNA_N
ClientSampleId :
SSTD0.4394

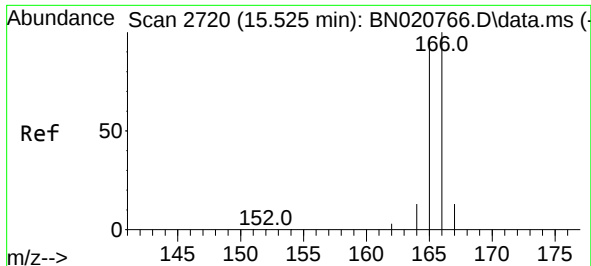
Tgt Ion:152 Resp: 11794
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7
153 14.1 11.1 16.7



#11
Acenaphthene
Concen: 0.414 ng/ul
RT: 14.530 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN020766.D
Acq: 19 Jul 2022 09:45

Tgt Ion:153 Resp: 9675
Ion Ratio Lower Upper
153 100
152 50.4 40.0 60.0
154 87.1 70.0 105.0

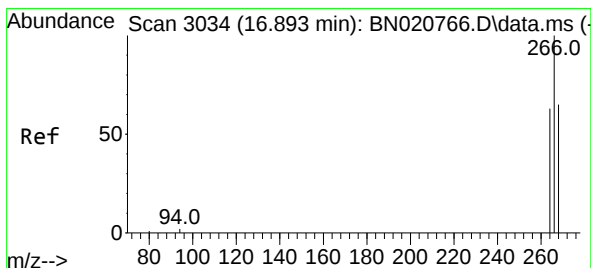
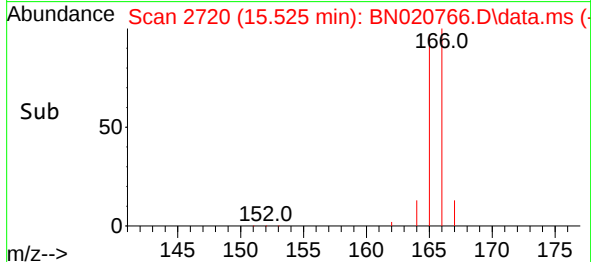
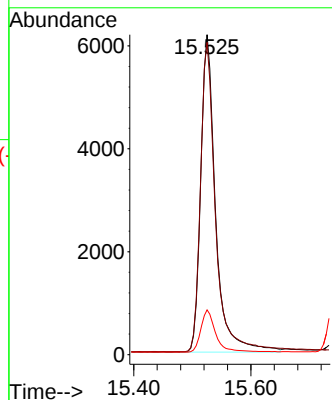
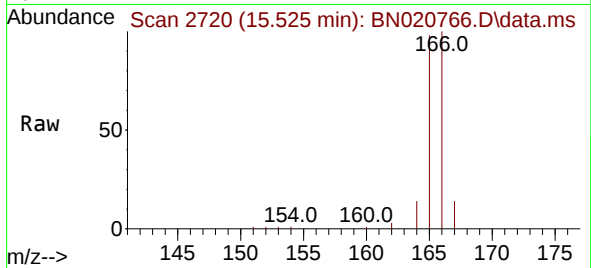




#12
Fluorene
Concen: 0.396 ng/ul
RT: 15.525 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN020766.D
Acq: 19 Jul 2022 09:45

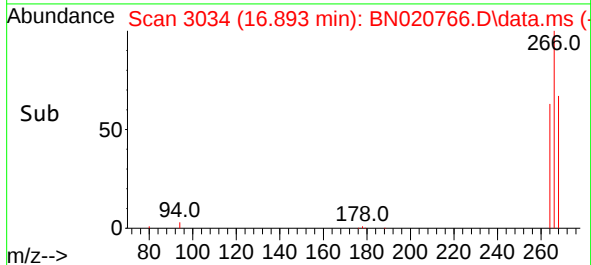
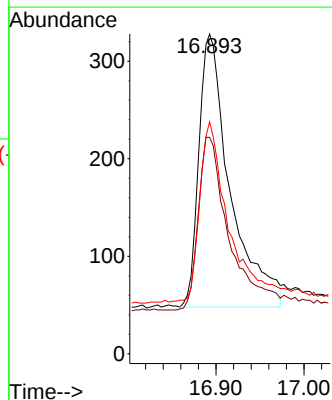
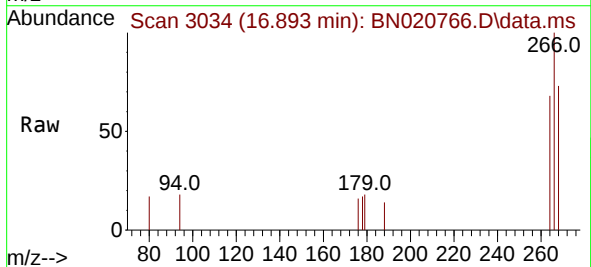
Instrument :
BNA_N
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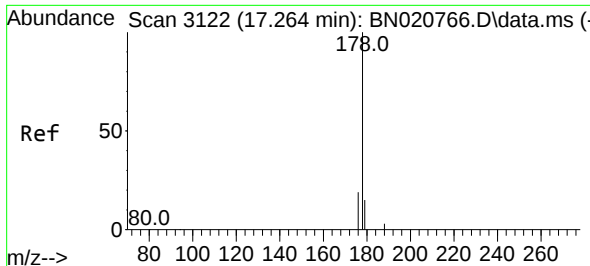
Tgt Ion:166 Resp: 10961
Ion Ratio Lower Upper
166 100
165 97.6 78.2 117.2
167 14.0 11.3 16.9



#14
Pentachlorophenol
Concen: 0.268 ng/ul
RT: 16.893 min Scan# 3034
Delta R.T. 0.000 min
Lab File: BN020766.D
Acq: 19 Jul 2022 09:45

Tgt Ion:266 Resp: 692
Ion Ratio Lower Upper
266 100
264 62.6 51.6 77.4
268 60.5 51.5 77.3

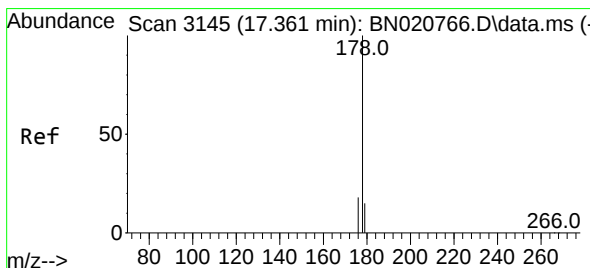
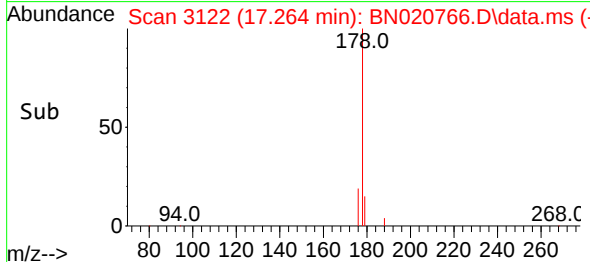
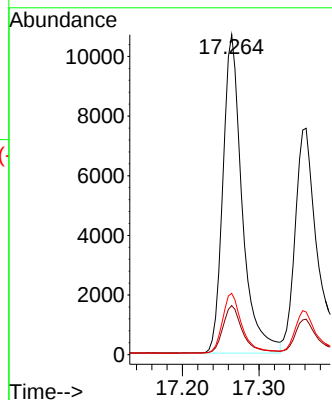
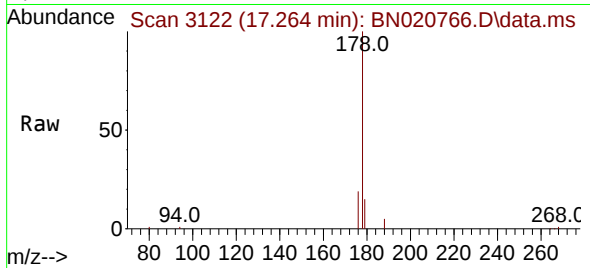




#15
 Phenanthrene
 Concen: 0.418 ng/ul
 RT: 17.264 min Scan# 3122
 Delta R.T. 0.000 min
 Lab File: BN020766.D
 Acq: 19 Jul 2022 09:45

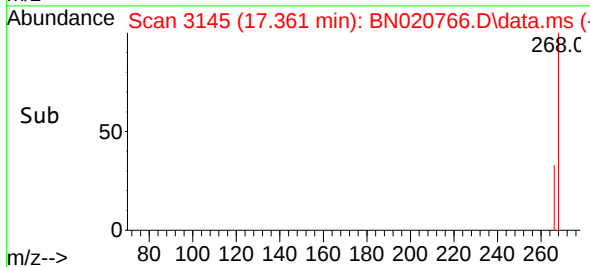
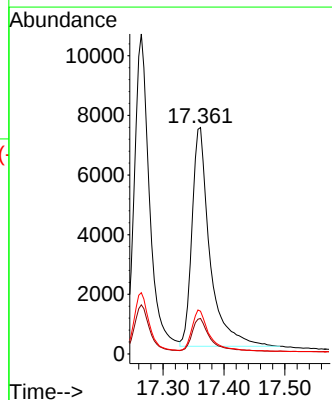
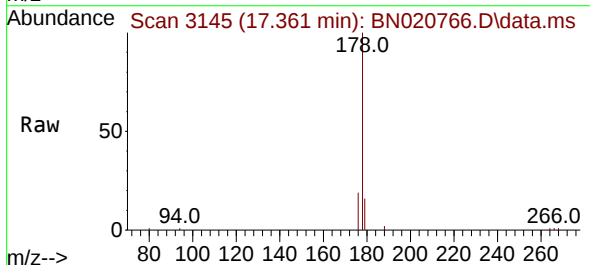
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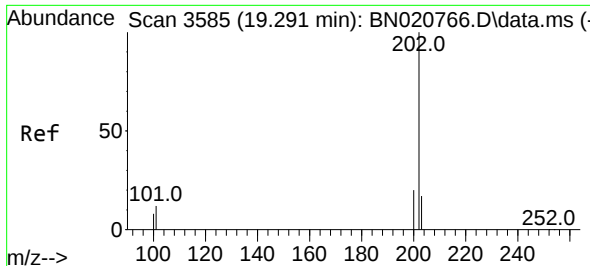
Tgt Ion:178 Resp: 18636
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.6 18.8
 176 19.1 15.8 23.6



#16
 Anthracene
 Concen: 0.390 ng/ul
 RT: 17.361 min Scan# 3145
 Delta R.T. 0.000 min
 Lab File: BN020766.D
 Acq: 19 Jul 2022 09:45

Tgt Ion:178 Resp: 14977
 Ion Ratio Lower Upper
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 179 15.7 12.8 19.2
 176 18.9 15.2 22.8

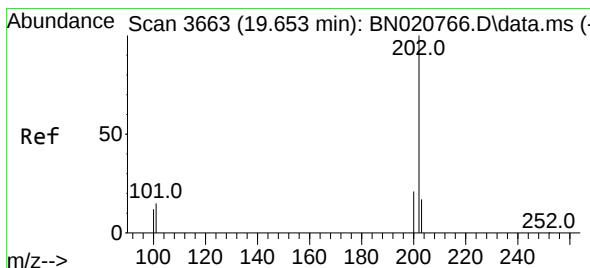
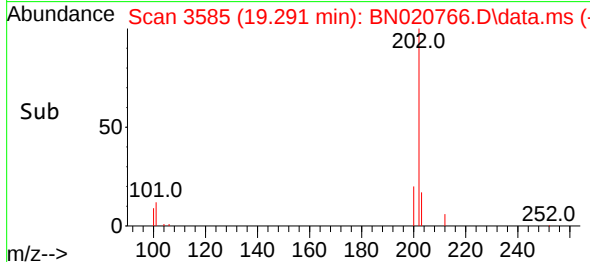
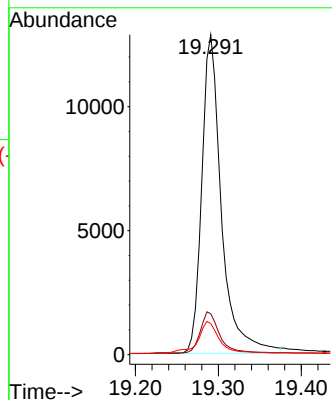
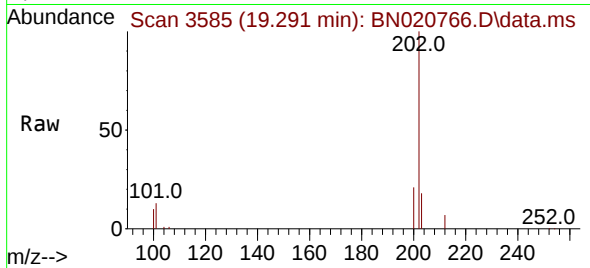




#19
Fluoranthene
Concen: 0.398 ng/ul
RT: 19.291 min Scan# 3585
Delta R.T. 0.000 min
Lab File: BN020766.D
Acq: 19 Jul 2022 09:45

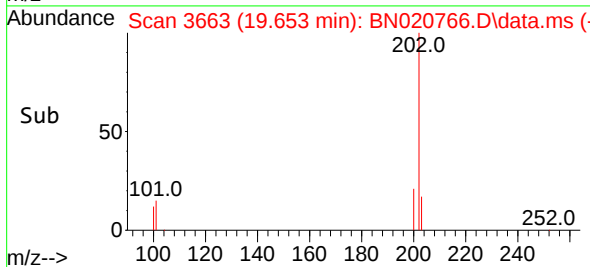
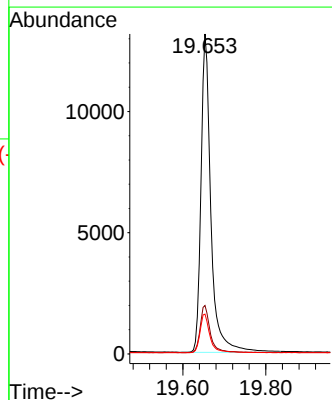
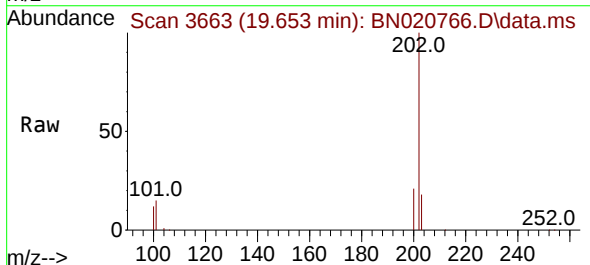
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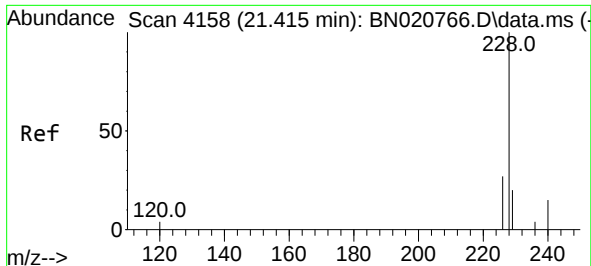
Tgt Ion:202 Resp: 21195
Ion Ratio Lower Upper
202 100
101 12.8 10.3 15.5
100 9.7 7.8 11.6



#20
Pyrene
Concen: 0.396 ng/ul
RT: 19.653 min Scan# 3663
Delta R.T. 0.000 min
Lab File: BN020766.D
Acq: 19 Jul 2022 09:45

Tgt Ion:202 Resp: 21882
Ion Ratio Lower Upper
202 100
101 15.2 11.6 17.4
100 12.5 9.2 13.8

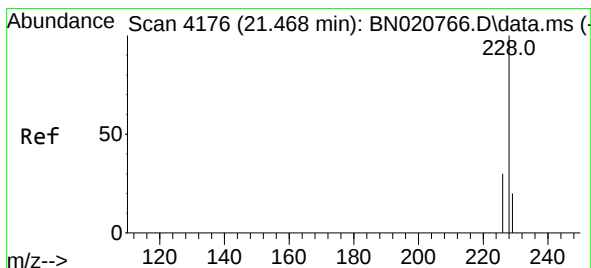
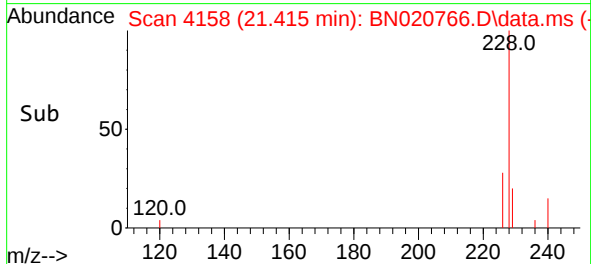
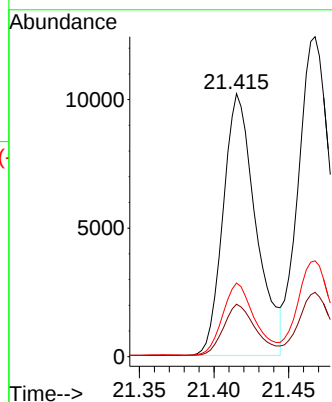
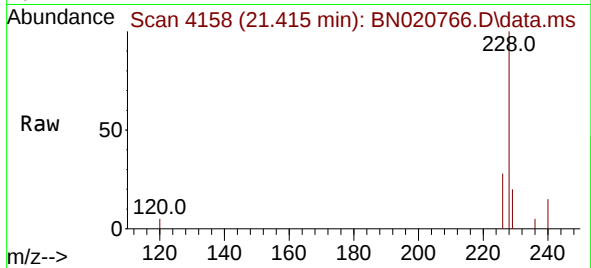




#21
Benzo(a)anthracene
Concen: 0.371 ng/ul
RT: 21.415 min Scan# 4158
Delta R.T. 0.000 min
Lab File: BN020766.D
Acq: 19 Jul 2022 09:45

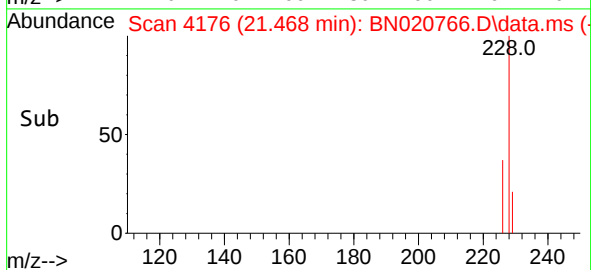
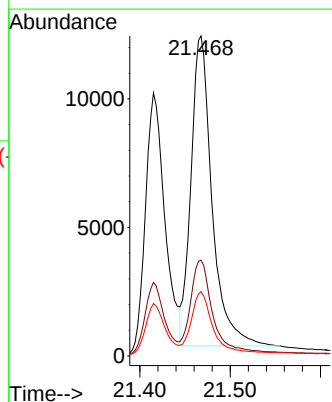
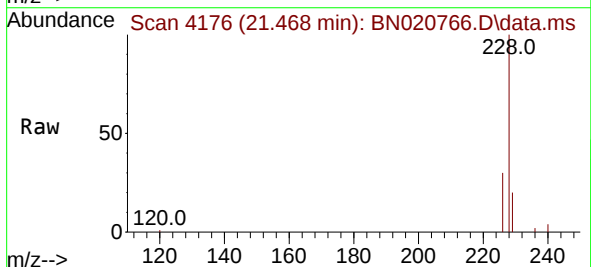
Instrument :
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ClientSampleId :
SSTD0.4394

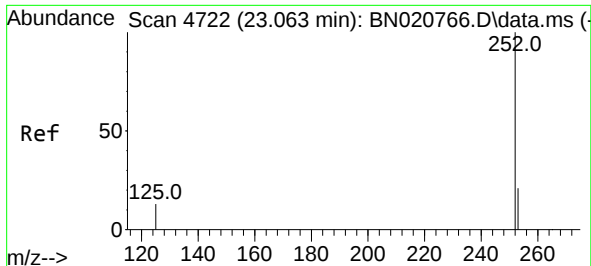
Tgt Ion:228 Resp: 15521
Ion Ratio Lower Upper
228 100
229 19.9 15.9 23.9
226 28.0 22.2 33.2



#22
Chrysene
Concen: 0.420 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BN020766.D
Acq: 19 Jul 2022 09:45

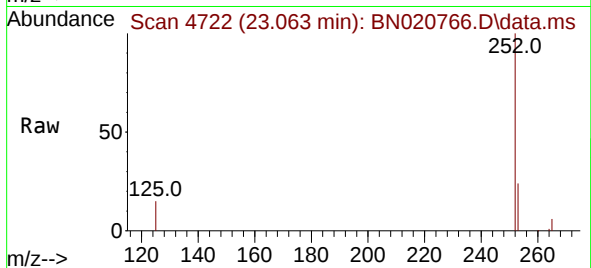
Tgt Ion:228 Resp: 19571
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 20.1 15.8 23.8



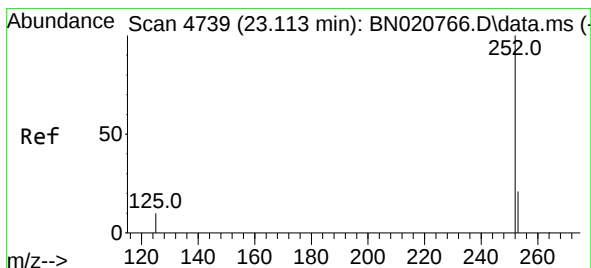
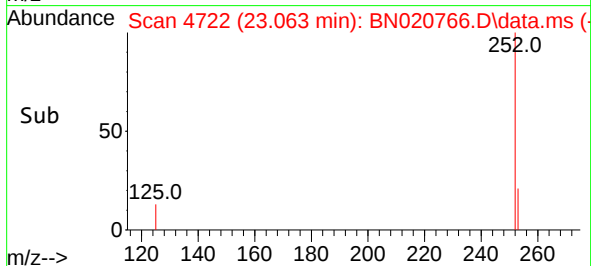
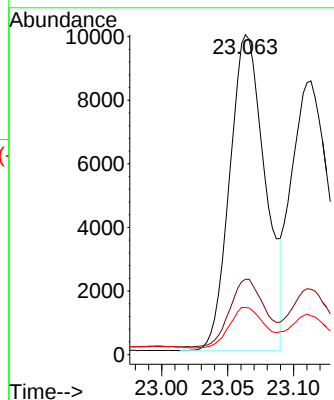


#24
Benzo(b)fluoranthene
Concen: 0.433 ng/ul
RT: 23.063 min Scan# 4722
Delta R.T. 0.000 min
Lab File: BN020766.D
Acq: 19 Jul 2022 09:45

Instrument :
BNA_N
ClientSampleId :
SSTD0.4394

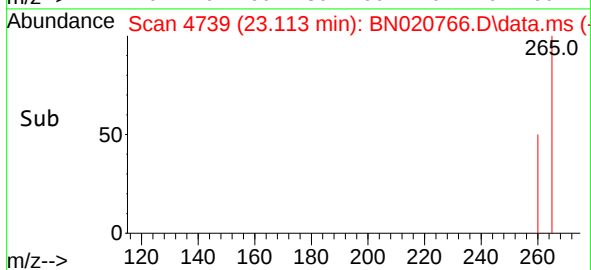
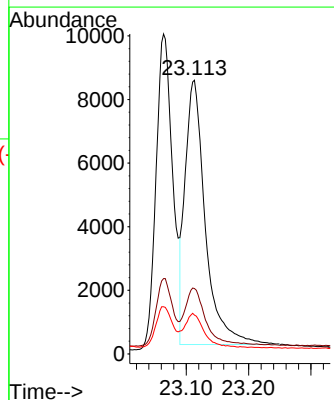
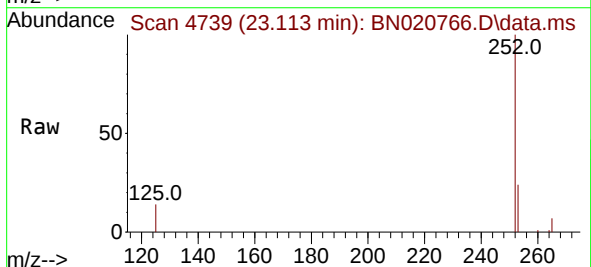


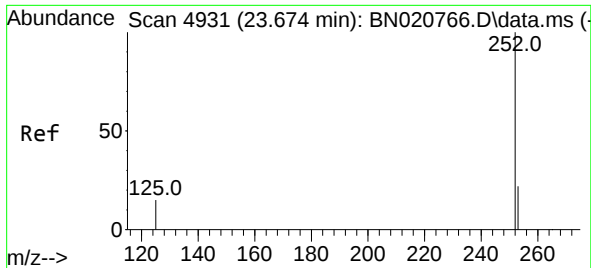
Tgt Ion:252 Resp: 18588
Ion Ratio Lower Upper
252 100
253 23.5 0.0 48.6
125 14.8 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.432 ng/ul
RT: 23.113 min Scan# 4739
Delta R.T. 0.000 min
Lab File: BN020766.D
Acq: 19 Jul 2022 09:45

Tgt Ion:252 Resp: 18727
Ion Ratio Lower Upper
252 100
253 23.9 19.7 29.5
125 14.2 12.0 18.0

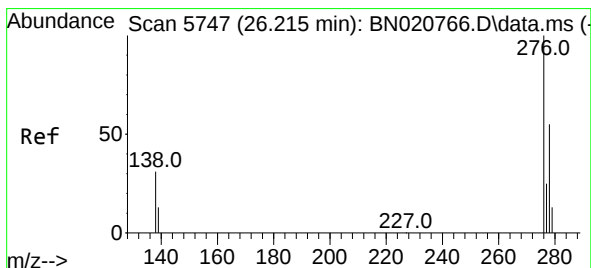
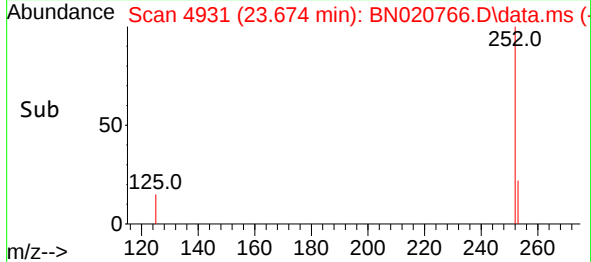
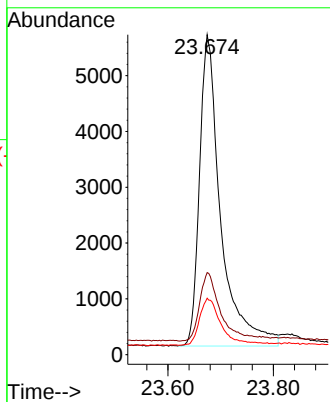
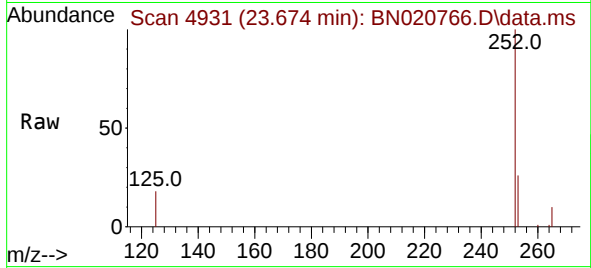




#26
Benzo(a)pyrene
Concen: 0.399 ng/ul
RT: 23.674 min Scan# 4931
Delta R.T. 0.000 min
Lab File: BN020766.D
Acq: 19 Jul 2022 09:45

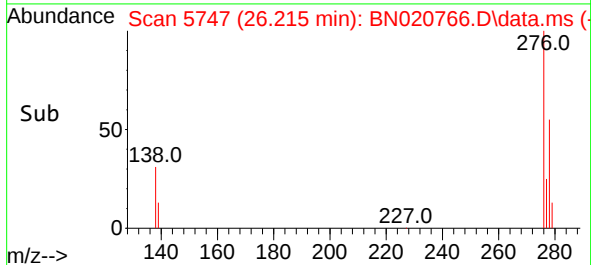
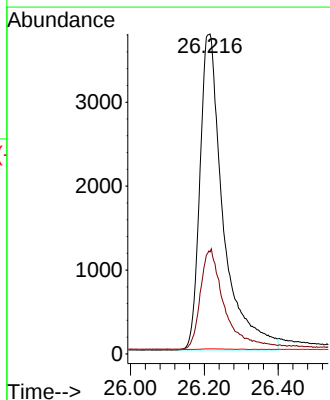
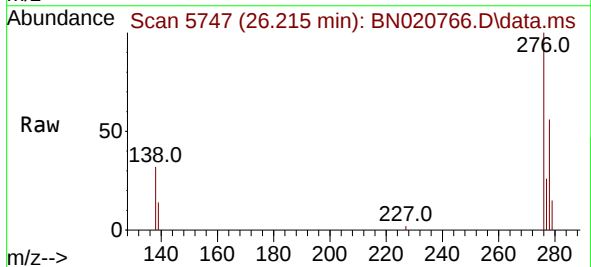
Instrument :
BNA_N
ClientSampleId :
SSTD0.4394

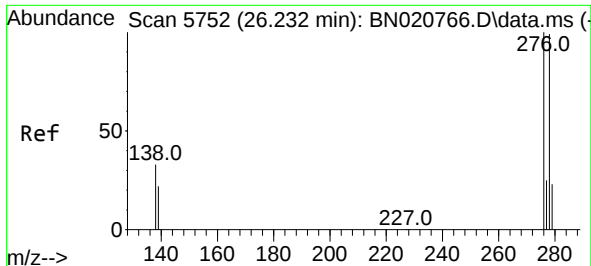
Tgt Ion:252 Resp: 15575
Ion Ratio Lower Upper
252 100
253 25.7 21.0 31.4
125 17.7 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.425 ng/ul
RT: 26.215 min Scan# 5747
Delta R.T. 0.000 min
Lab File: BN020766.D
Acq: 19 Jul 2022 09:45

Tgt Ion:276 Resp: 16495
Ion Ratio Lower Upper
276 100
138 33.1 27.4 41.2
227 0.2 0.2 0.2

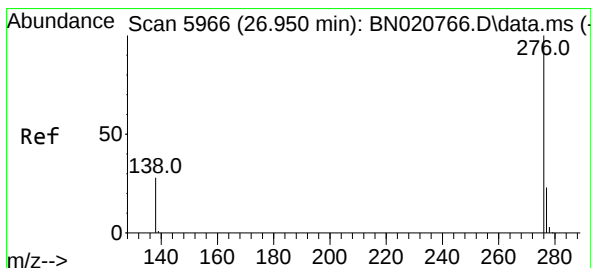
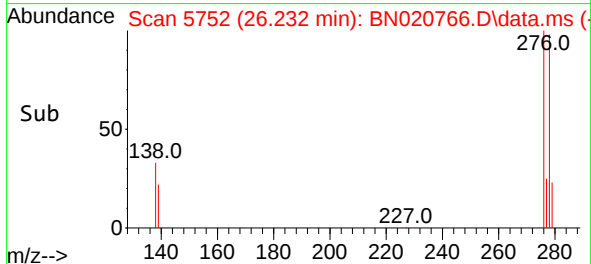
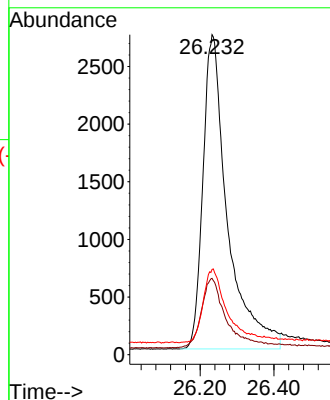
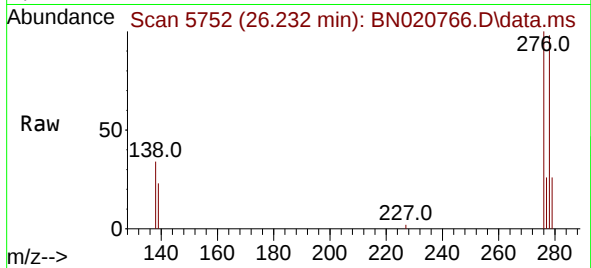




#28
Dibenzo(a,h)anthracene
Concen: 0.401 ng/ul
RT: 26.232 min Scan# 5752
Delta R.T. 0.000 min
Lab File: BN020766.D
Acq: 19 Jul 2022 09:45

Instrument :
BNA_N
ClientSampleId :
SSTD0.4394

Tgt Ion: 278 Resp: 12588
Ion Ratio Lower Upper
278 100
139 23.9 18.8 28.2
279 26.7 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.482 ng/ul
RT: 26.950 min Scan# 5966
Delta R.T. 0.000 min
Lab File: BN020766.D
Acq: 19 Jul 2022 09:45

Tgt Ion: 276 Resp: 16059
Ion Ratio Lower Upper
276 100
138 29.1 23.5 35.3
277 24.4 20.1 30.1

