

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071922\
 Data File : BN020772.D
 Acq On : 19 Jul 2022 13:25
 Operator : CG/JU
 Sample : N3753-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GBHP4MSD

Quant Time: Jul 20 01:05:03 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)

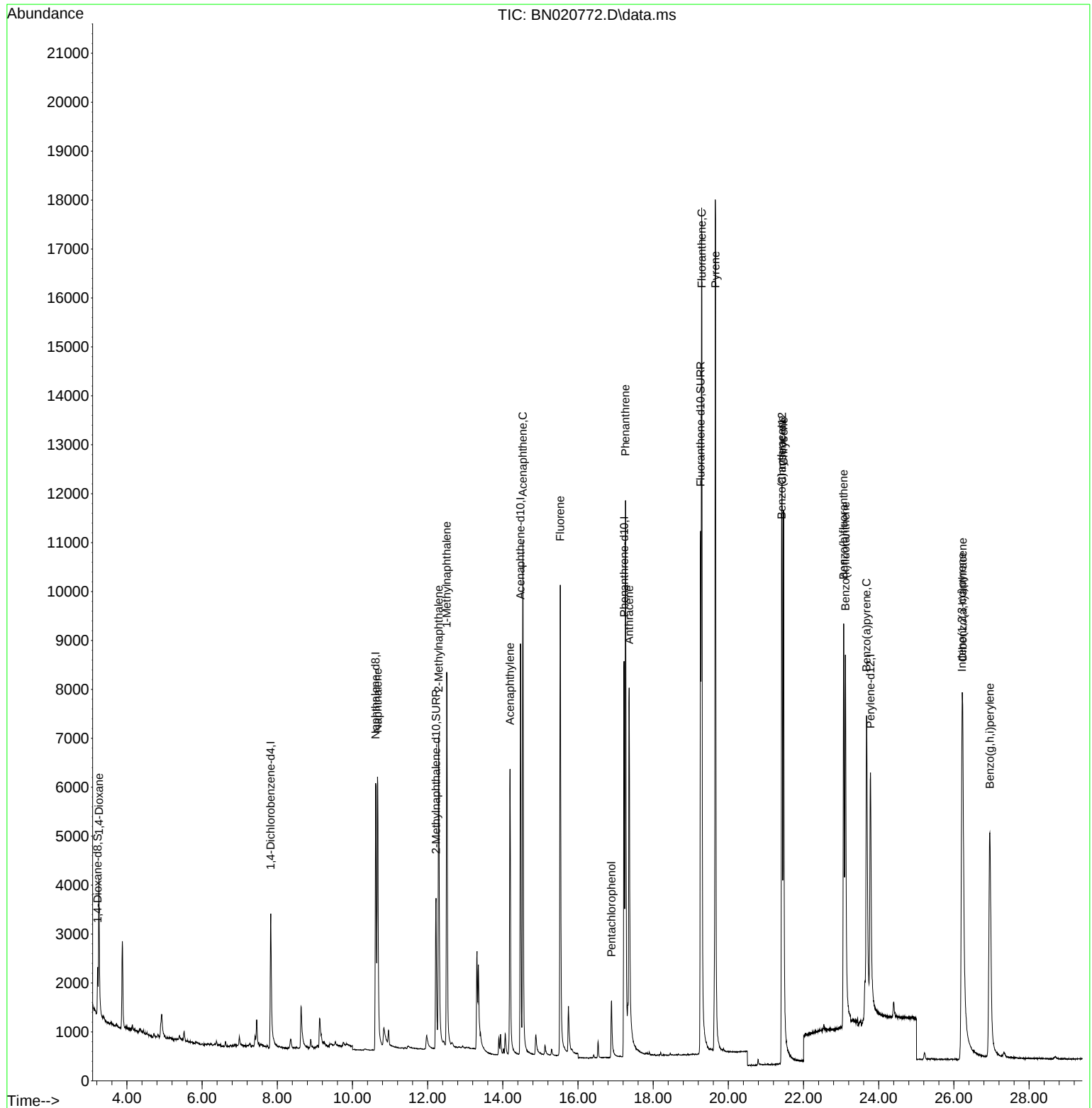
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	2119	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	8946	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.470	164	5250	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.226	188	10753	0.400	ng/ul	0.00
17) Chrysene-d12	21.431	240	7666	0.400	ng/ul	0.00
23) Perylene-d12	23.781	264	7860	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	703	0.286	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	4935	0.336	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	13308	0.526	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.256	88	1872	0.747	ng/ul	93
5) Naphthalene	10.667	128	9467	0.343	ng/ul	99
7) 2-Methylnaphthalene	12.295	142	5703	0.308	ng/ul	98
8) 1-Methylnaphthalene	12.509	142	6143	0.351	ng/ul	100
10) Acenaphthylene	14.192	152	8261	0.332	ng/ul	100
11) Acenaphthene	14.534	153	6838	0.343	ng/ul	98
12) Fluorene	15.529	166	7745	0.328	ng/ul	99
14) Pentachlorophenol	16.892	266	1145	0.528	ng/ul	99
15) Phenanthrene	17.264	178	13961	0.373	ng/ul	100
16) Anthracene	17.361	178	11014	0.341	ng/ul	100
19) Fluoranthene	19.290	202	16730	0.478	ng/ul	99
20) Pyrene	19.657	202	17158	0.472	ng/ul	99
21) Benzo(a)anthracene	21.416	228	9270	0.337	ng/ul	100
22) Chrysene	21.469	228	11599	0.378	ng/ul	100
24) Benzo(b)fluoranthene	23.067	252	11150	0.307	ng/ul	98
25) Benzo(k)fluoranthene	23.114	252	12617	0.344	ng/ul	99
26) Benzo(a)pyrene	23.678	252	12412	0.376	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.217	276	13255	0.403	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.233	278	10288	0.387	ng/ul	97
29) Benzo(g,h,i)perylene	26.954	276	12194	0.432	ng/ul	100

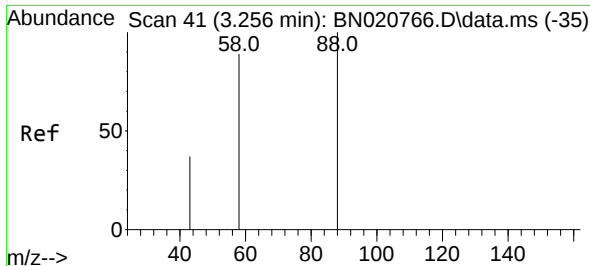
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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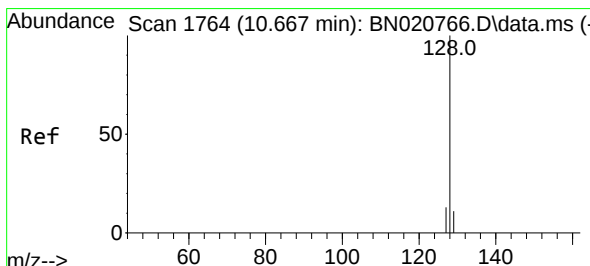
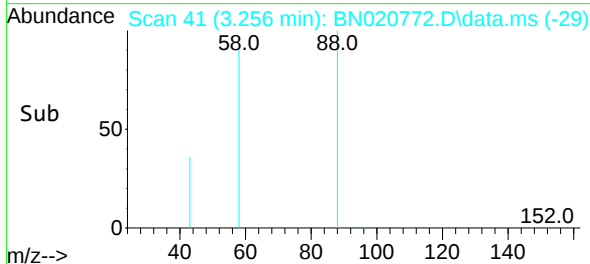
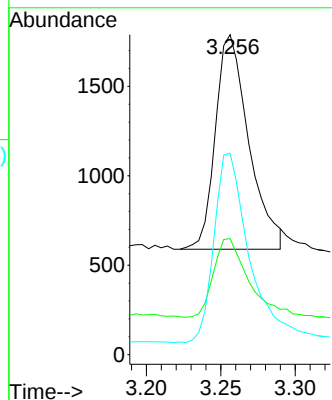
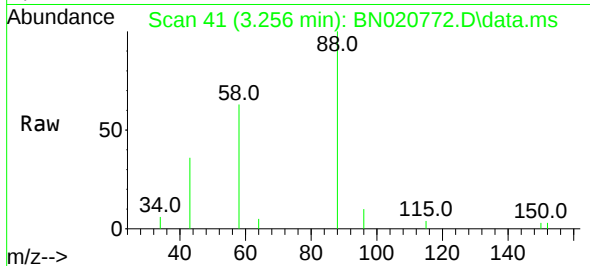




#2
1,4-Dioxane
Concen: 0.747 ng/ul
RT: 3.256 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN020772.D
Acq: 19 Jul 2022 13:25

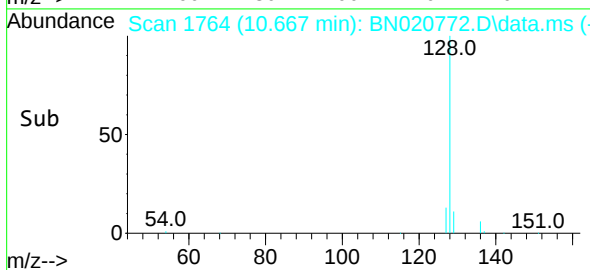
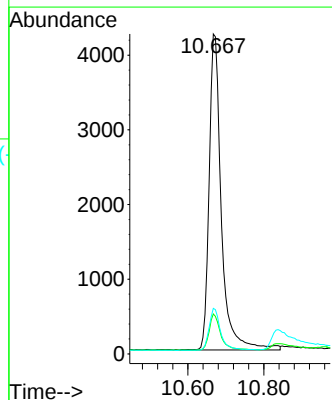
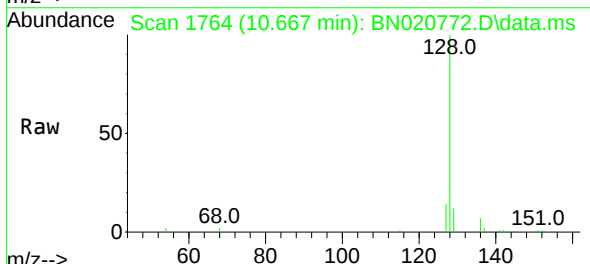
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GBHP4MSD

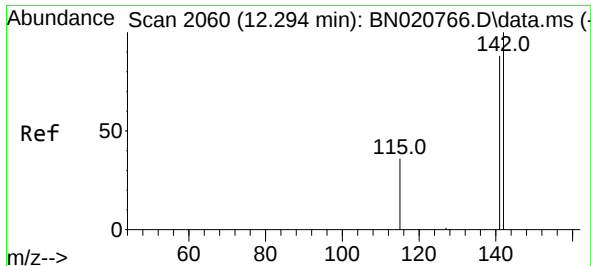
Tgt Ion: 88 Resp: 1872
Ion Ratio Lower Upper
88 100
43 36.2 32.5 48.7
58 62.9 46.2 69.2



#5
Naphthalene
Concen: 0.343 ng/ul
RT: 10.667 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BN020772.D
Acq: 19 Jul 2022 13:25

Tgt Ion: 128 Resp: 9467
Ion Ratio Lower Upper
128 100
129 12.5 9.5 14.3
127 14.3 11.3 16.9

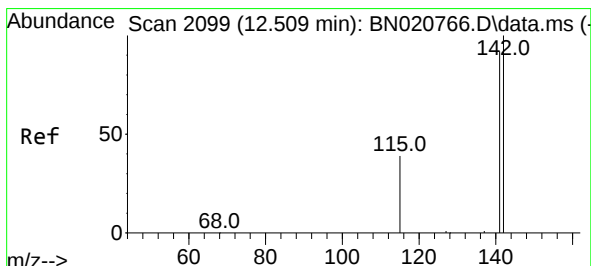
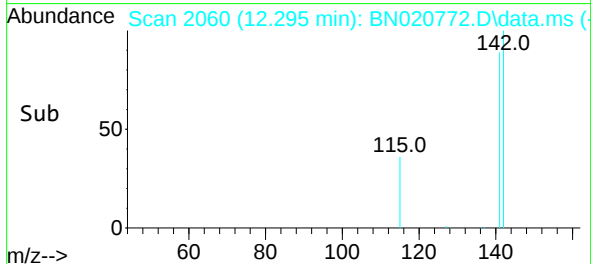
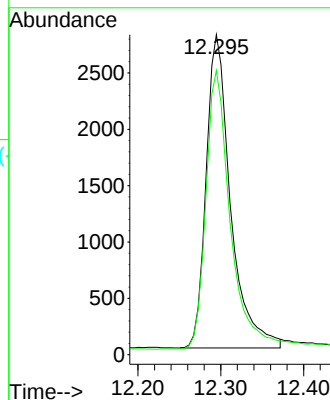
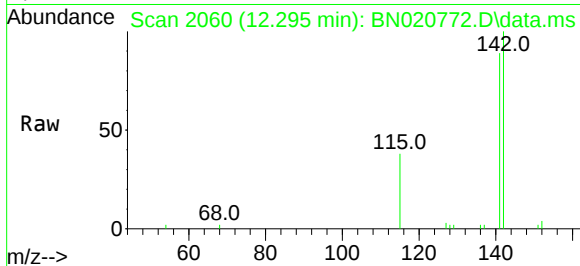




#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.295 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN020772.D
Acq: 19 Jul 2022 13:25

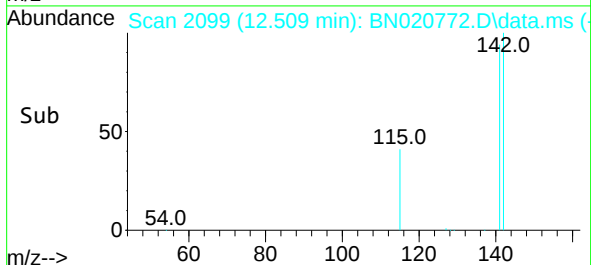
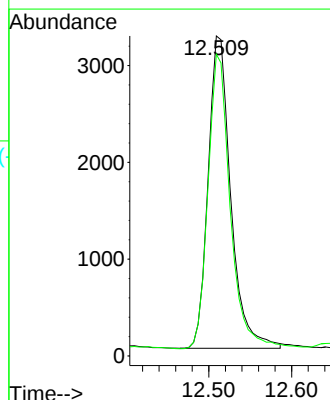
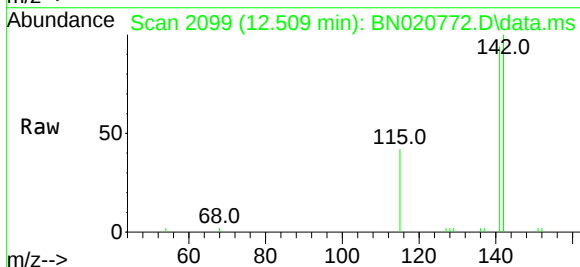
Instrument :
BNA_N
ClientSampleId :
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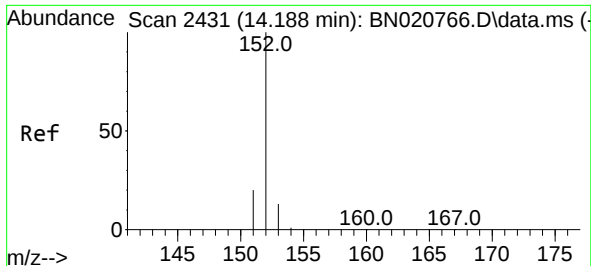
Tgt Ion:142 Resp: 5703
Ion Ratio Lower Upper
142 100
141 88.6 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.509 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN020772.D
Acq: 19 Jul 2022 13:25

Tgt Ion:142 Resp: 6143
Ion Ratio Lower Upper
142 100
141 92.5 73.7 110.5

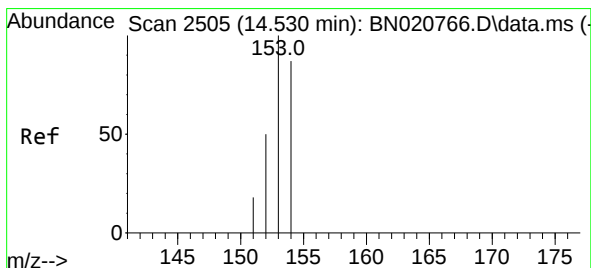
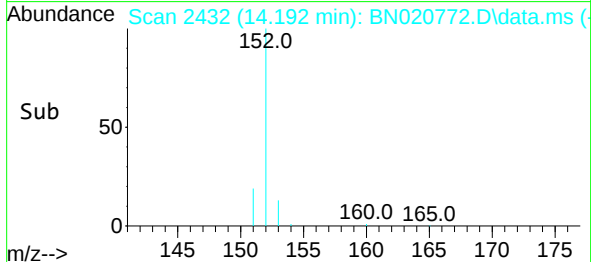
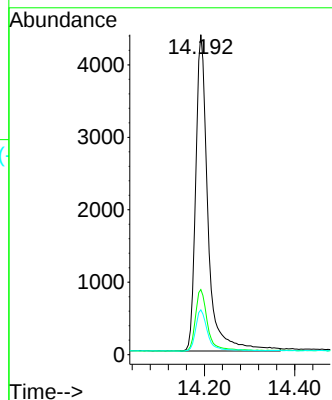
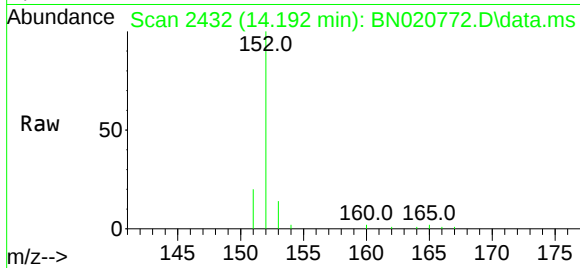




#10
Acenaphthylene
Concen: 0.332 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. 0.004 min
Lab File: BN020772.D
Acq: 19 Jul 2022 13:25

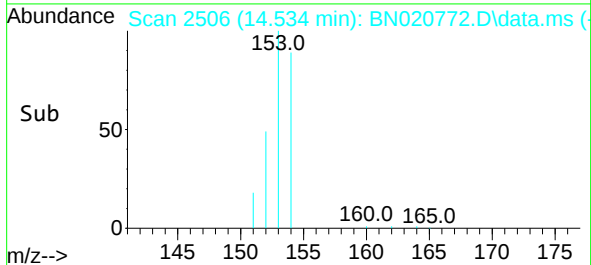
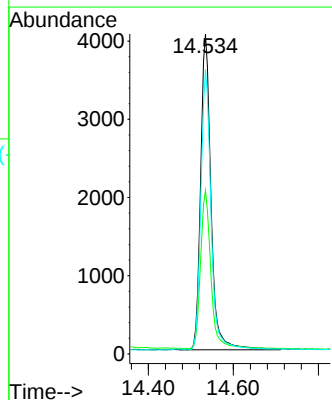
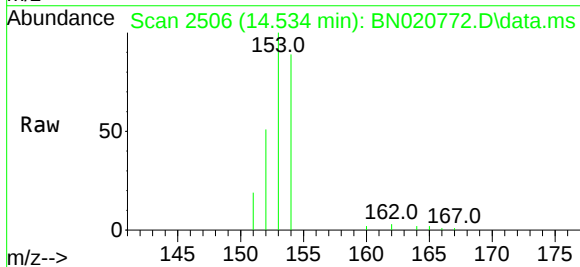
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BNA_N
ClientSampleId :
GBHP4MSD

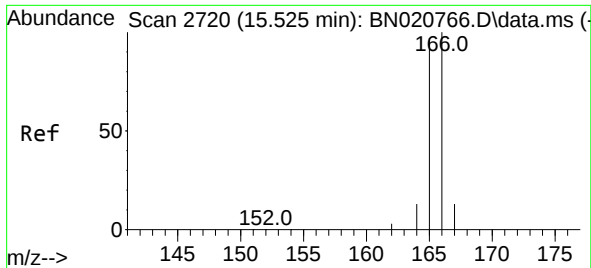
Tgt Ion:152 Resp: 8261
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.343 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. 0.004 min
Lab File: BN020772.D
Acq: 19 Jul 2022 13:25

Tgt Ion:153 Resp: 6838
Ion Ratio Lower Upper
153 100
152 51.1 40.0 60.0
154 89.0 70.0 105.0

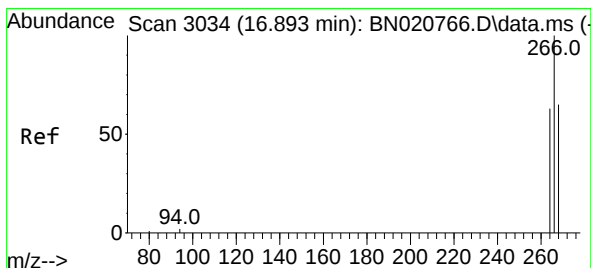
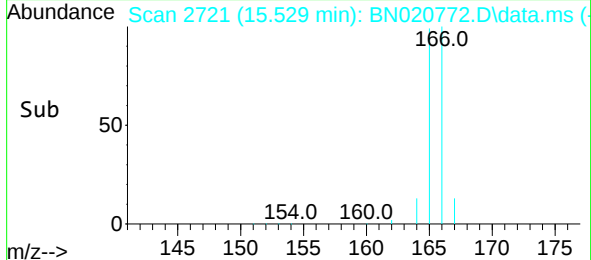
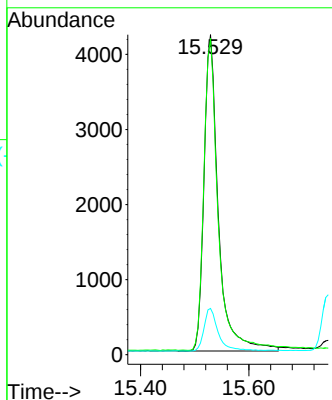
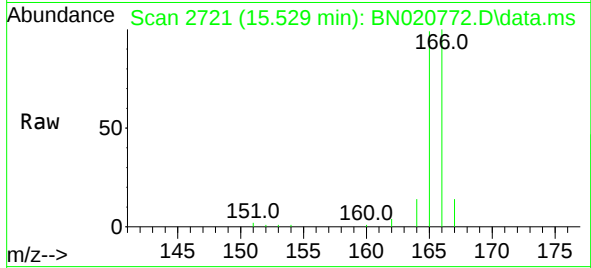




#12
Fluorene
Concen: 0.328 ng/ul
RT: 15.529 min Scan# 2721
Delta R.T. 0.004 min
Lab File: BN020772.D
Acq: 19 Jul 2022 13:25

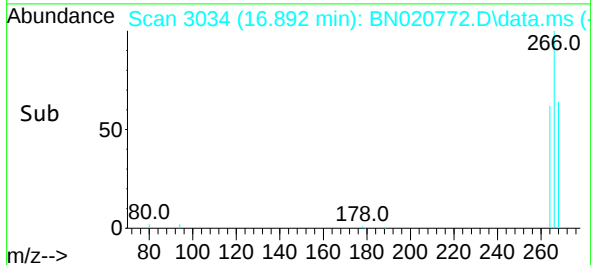
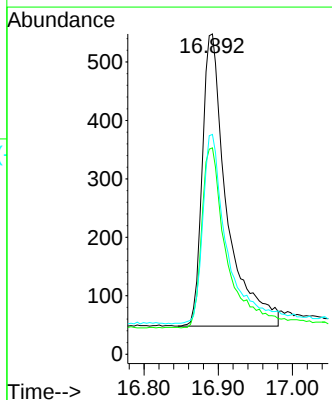
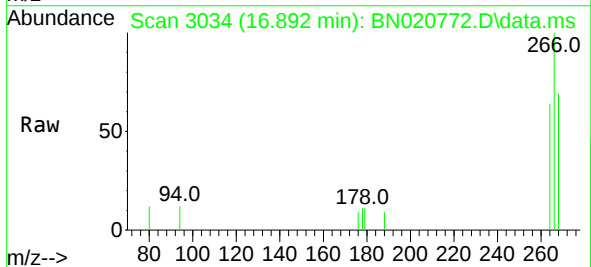
Instrument :
BNA_N
ClientSampleId :
GBHP4MSD

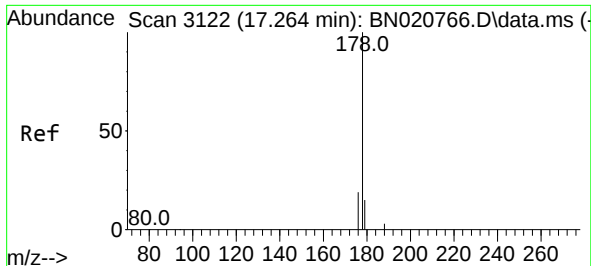
Tgt Ion:166 Resp: 7745
Ion Ratio Lower Upper
166 100
165 98.9 78.2 117.2
167 14.4 11.3 16.9



#14
Pentachlorophenol
Concen: 0.528 ng/ul
RT: 16.892 min Scan# 3034
Delta R.T. -0.001 min
Lab File: BN020772.D
Acq: 19 Jul 2022 13:25

Tgt Ion:266 Resp: 1145
Ion Ratio Lower Upper
266 100
264 63.0 51.6 77.4
268 63.6 51.5 77.3

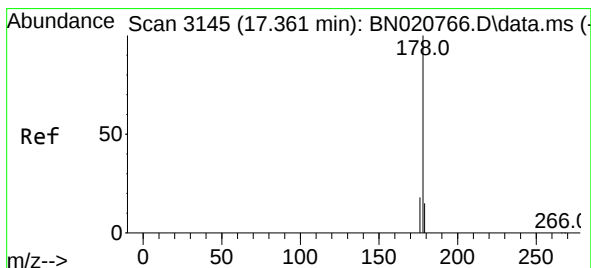
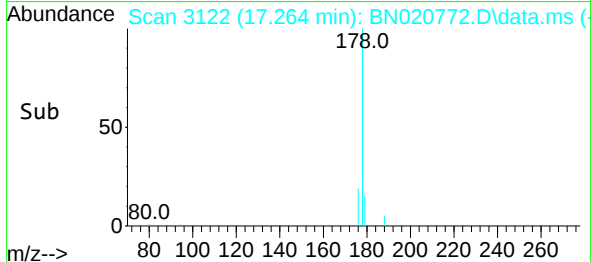
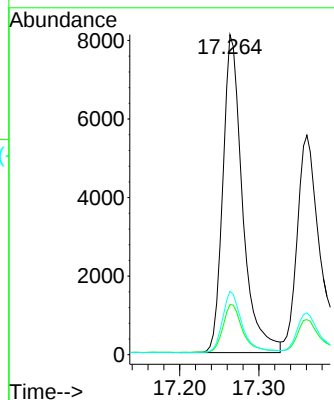
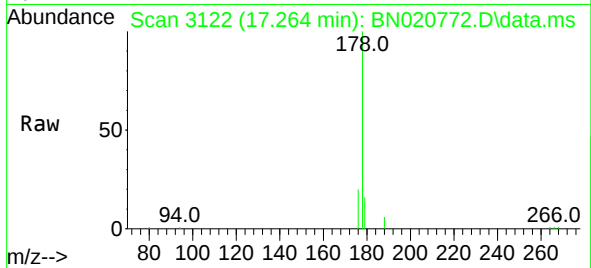




#15
Phenanthrene
Concen: 0.373 ng/ul
RT: 17.264 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BN020772.D
Acq: 19 Jul 2022 13:25

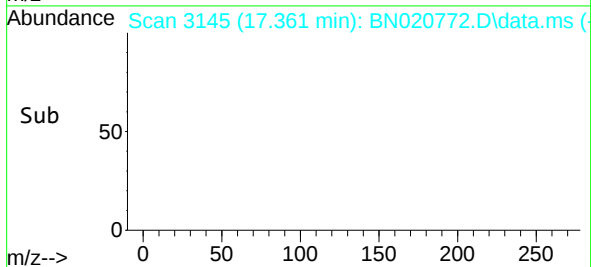
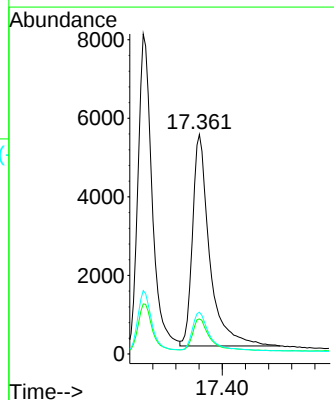
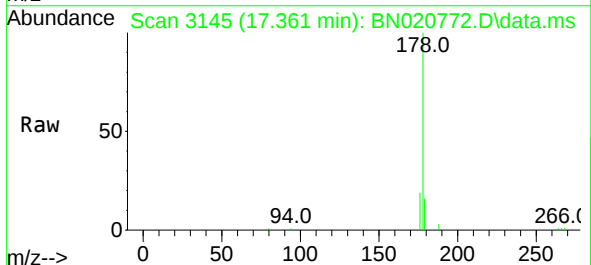
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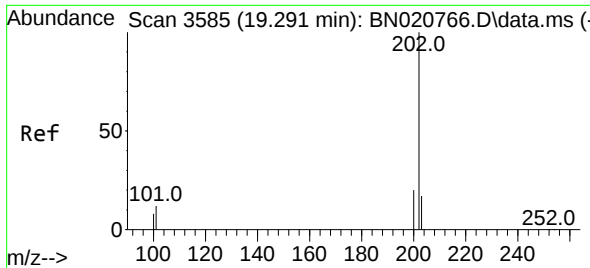
Tgt Ion:178	Resp:	13961
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.6 18.8
176	19.8	15.8 23.6



#16
Anthracene
Concen: 0.341 ng/ul
RT: 17.361 min Scan# 3145
Delta R.T. -0.001 min
Lab File: BN020772.D
Acq: 19 Jul 2022 13:25

Tgt Ion:178	Resp:	11014
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.8 19.2
176	19.0	15.2 22.8

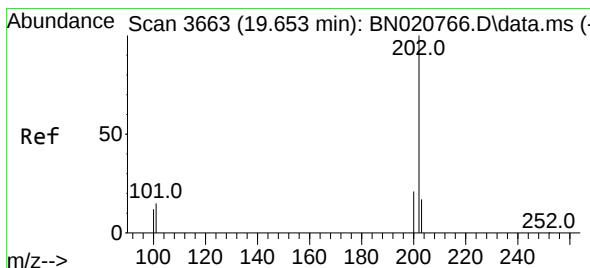
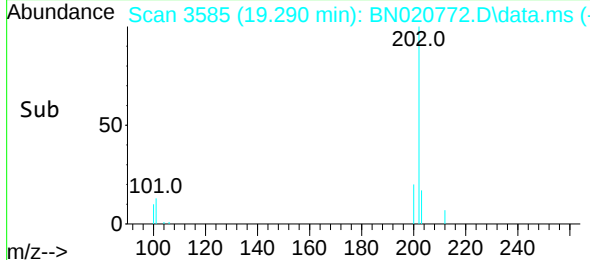
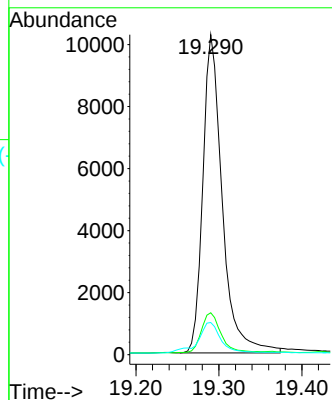
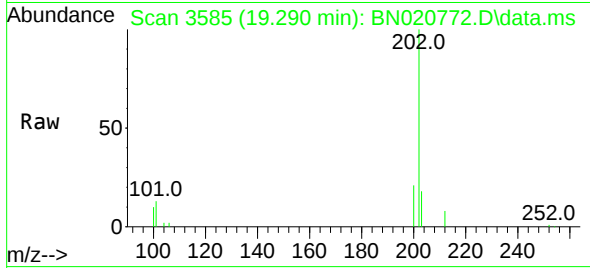




#19
Fluoranthene
Concen: 0.478 ng/ul
RT: 19.290 min Scan# 3585
Delta R.T. -0.001 min
Lab File: BN020772.D
Acq: 19 Jul 2022 13:25

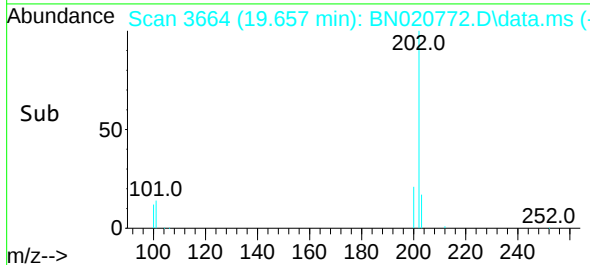
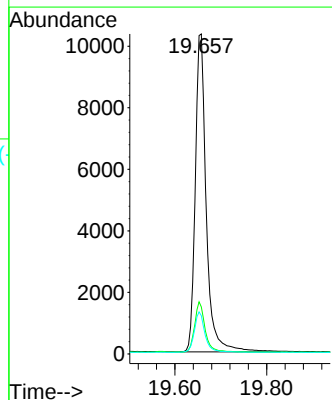
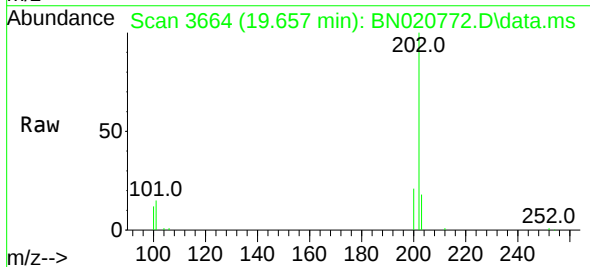
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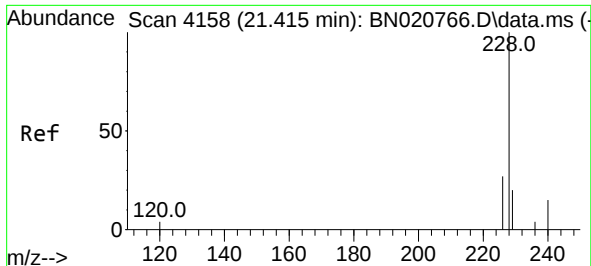
Tgt Ion:202 Resp: 16730
Ion Ratio Lower Upper
202 100
101 13.1 10.3 15.5
100 10.1 7.8 11.6



#20
Pyrene
Concen: 0.472 ng/ul
RT: 19.657 min Scan# 3664
Delta R.T. 0.004 min
Lab File: BN020772.D
Acq: 19 Jul 2022 13:25

Tgt Ion:202 Resp: 17158
Ion Ratio Lower Upper
202 100
101 14.7 11.6 17.4
100 12.0 9.2 13.8

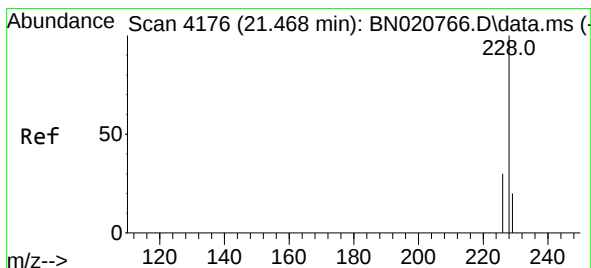
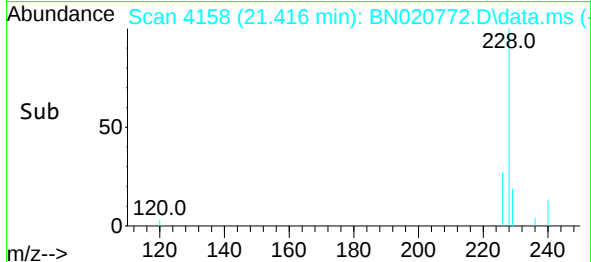
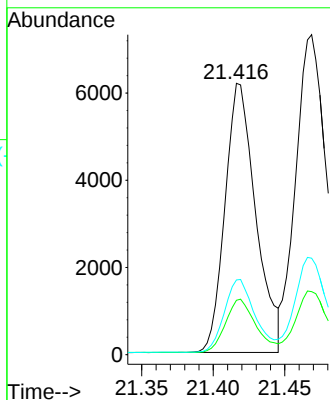
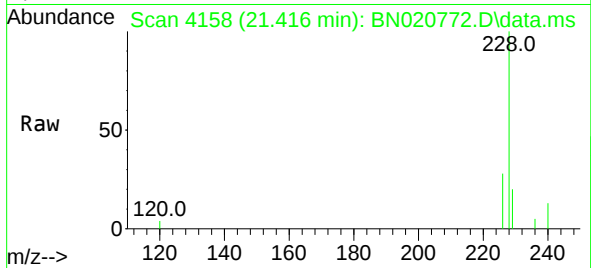




#21
Benzo(a)anthracene
Concen: 0.337 ng/ul
RT: 21.416 min Scan# 4158
Delta R.T. 0.001 min
Lab File: BN020772.D
Acq: 19 Jul 2022 13:25

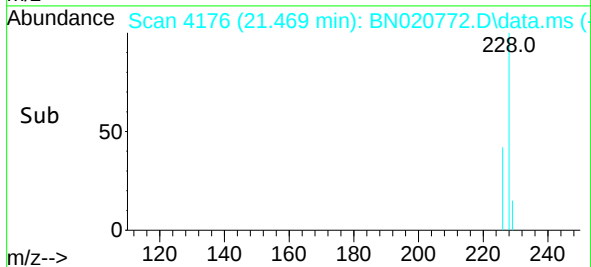
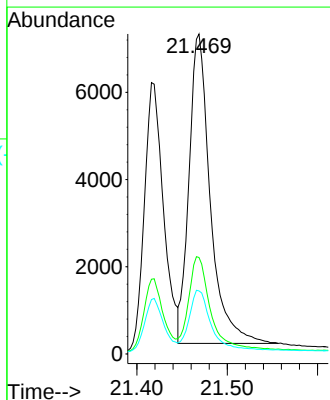
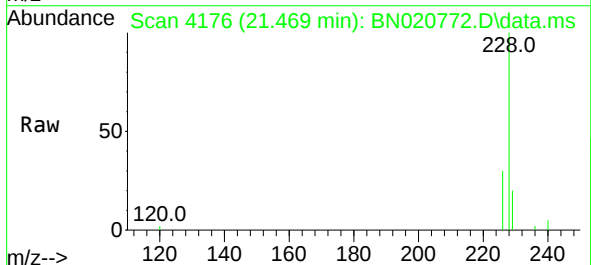
Instrument :
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GBHP4MSD

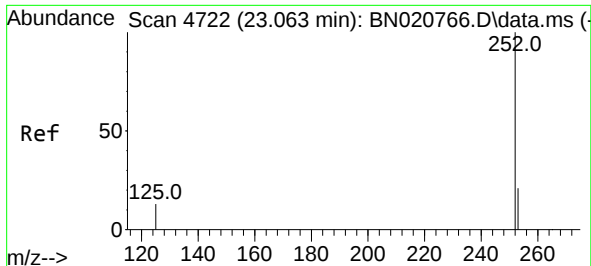
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Ion Ratio Lower Upper
228 100
229 20.1 15.9 23.9
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.469 min Scan# 4176
Delta R.T. 0.001 min
Lab File: BN020772.D
Acq: 19 Jul 2022 13:25

Tgt Ion:228 Resp: 11599
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 19.7 15.8 23.8

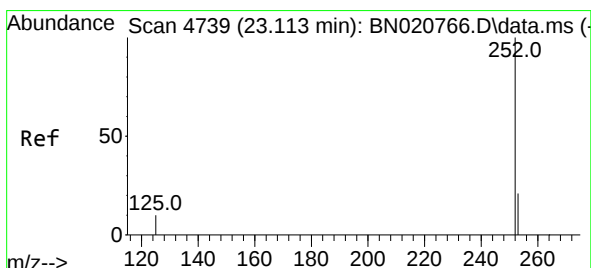
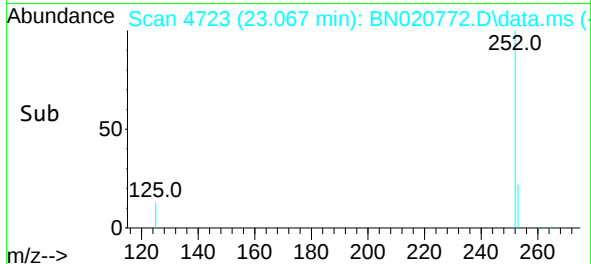
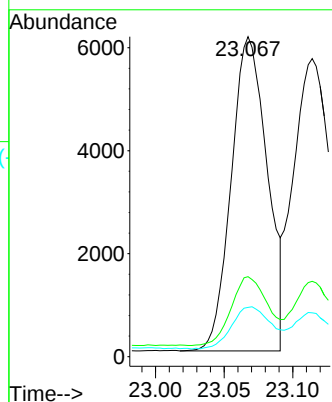
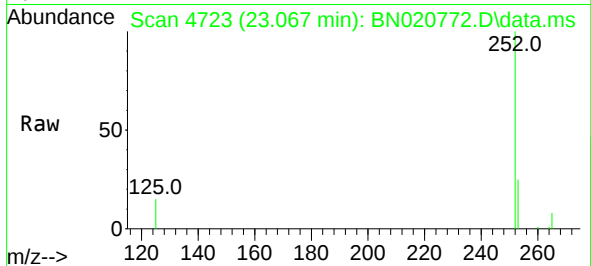




#24
Benzo(b)fluoranthene
Concen: 0.307 ng/ul
RT: 23.067 min Scan# 4722
Delta R.T. 0.004 min
Lab File: BN020772.D
Acq: 19 Jul 2022 13:25

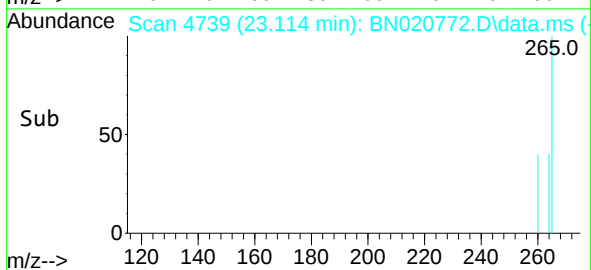
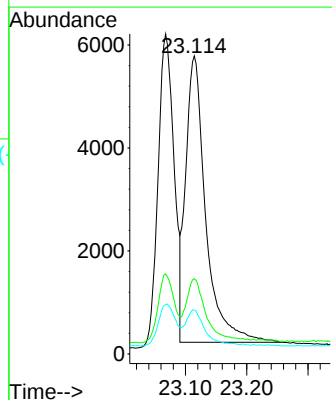
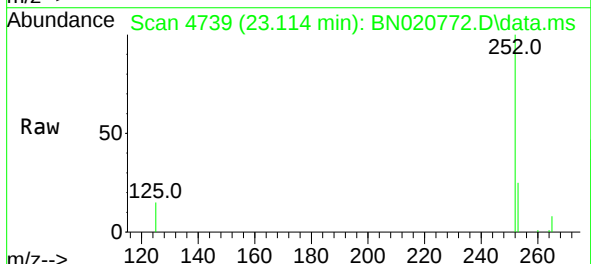
Instrument :
BNA_N
ClientSampleId :
GBHP4MSD

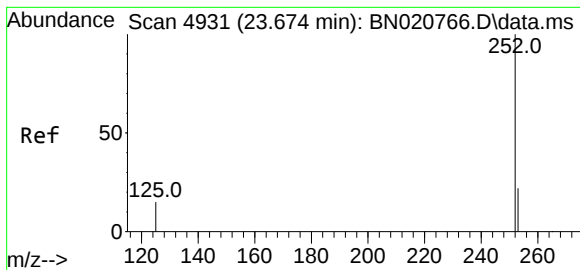
Tgt Ion:252 Resp: 11150
Ion Ratio Lower Upper
252 100
253 25.0 0.0 48.6
125 15.4 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul
RT: 23.114 min Scan# 4739
Delta R.T. 0.001 min
Lab File: BN020772.D
Acq: 19 Jul 2022 13:25

Tgt Ion:252 Resp: 12617
Ion Ratio Lower Upper
252 100
253 25.3 19.7 29.5
125 14.7 12.0 18.0

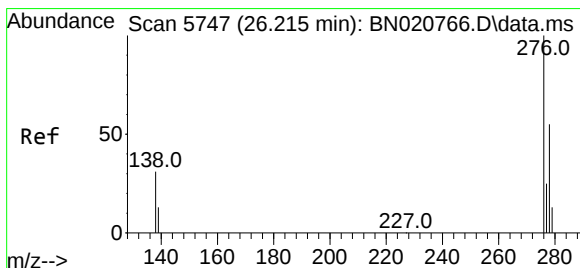
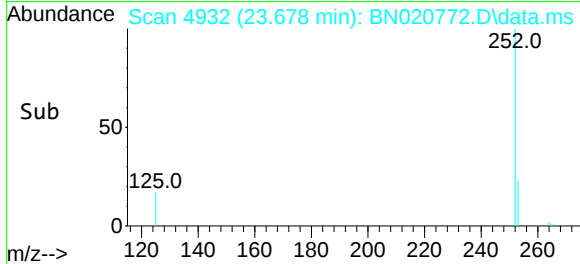
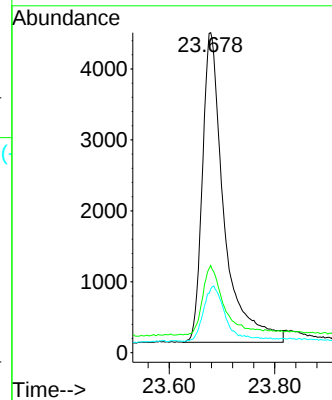
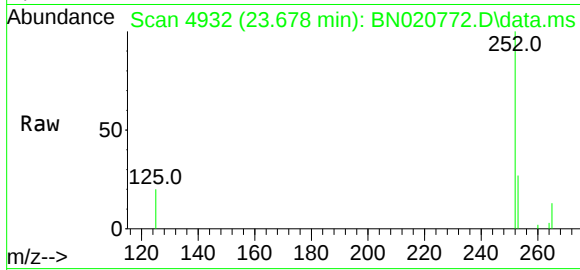




#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.678 min Scan# 4932
Delta R.T. 0.004 min
Lab File: BN020772.D
Acq: 19 Jul 2022 13:25

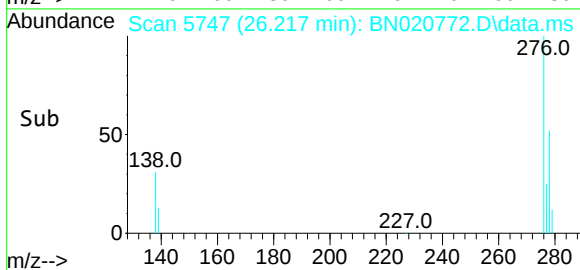
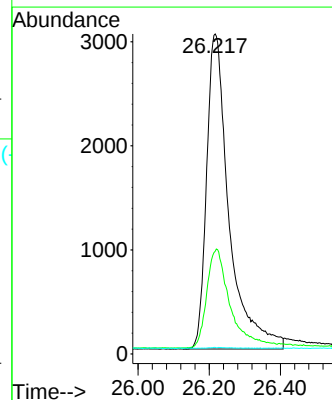
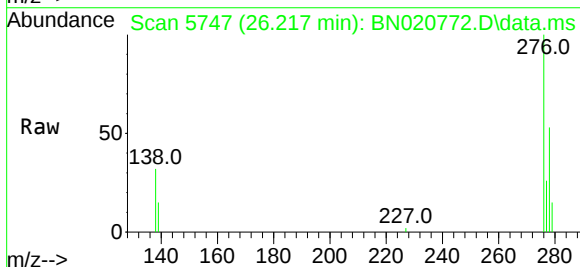
Instrument :
BNA_N
ClientSampleId :
GBHP4MSD

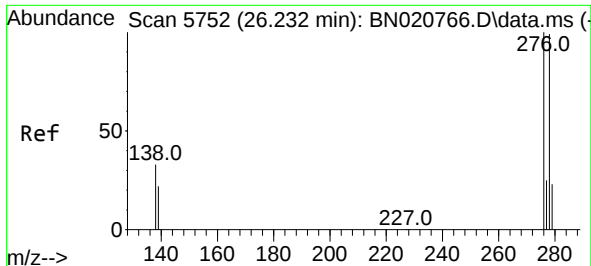
Tgt Ion:	252	Resp:	12412
Ion Ratio	Lower	Upper	
252	100		
253	27.2	21.0	31.4
125	19.9	18.8	28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng/ul
RT: 26.217 min Scan# 5747
Delta R.T. 0.001 min
Lab File: BN020772.D
Acq: 19 Jul 2022 13:25

Tgt Ion:	276	Resp:	13255
Ion Ratio	Lower	Upper	
276	100		
138	33.2	27.4	41.2
227	0.1	0.2	0.2

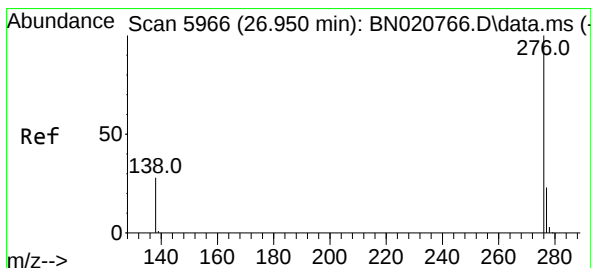
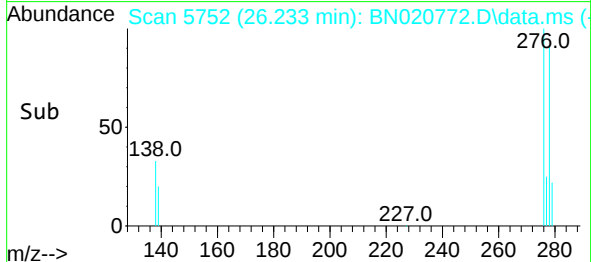
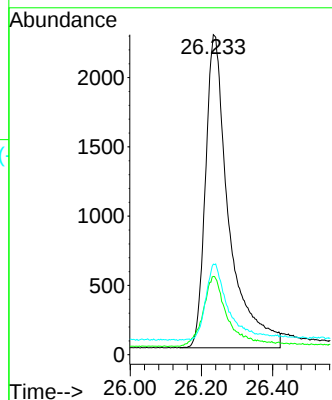
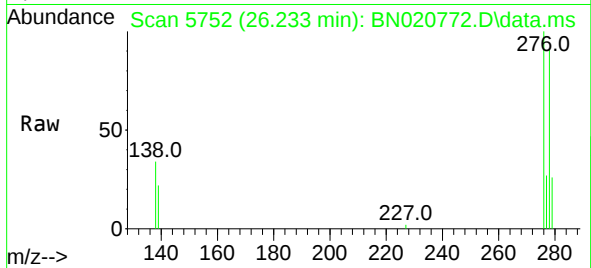




#28
 Dibenzo(a,h)anthracene
 Concen: 0.387 ng/ul
 RT: 26.233 min Scan# 51
 Delta R.T. 0.001 min
 Lab File: BN020772.D
 Acq: 19 Jul 2022 13:25

Instrument :
 BNA_N
 ClientSampleId :
 GBHP4MSD

Tgt Ion:278 Resp: 10288
 Ion Ratio Lower Upper
 278 100
 139 24.5 18.8 28.2
 279 28.3 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.432 ng/ul
 RT: 26.954 min Scan# 5967
 Delta R.T. 0.004 min
 Lab File: BN020772.D
 Acq: 19 Jul 2022 13:25

Tgt Ion:276 Resp: 12194
 Ion Ratio Lower Upper
 276 100
 138 29.4 23.5 35.3
 277 24.9 20.1 30.1

