

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051724\
 Data File : BN031552.D
 Acq On : 16 May 2024 16:15
 Operator : MA/JU
 Sample : PB160730BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS730

Quant Time: May 16 16:49:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN051624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 12:57:23 2024
 Response via : Initial Calibration

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

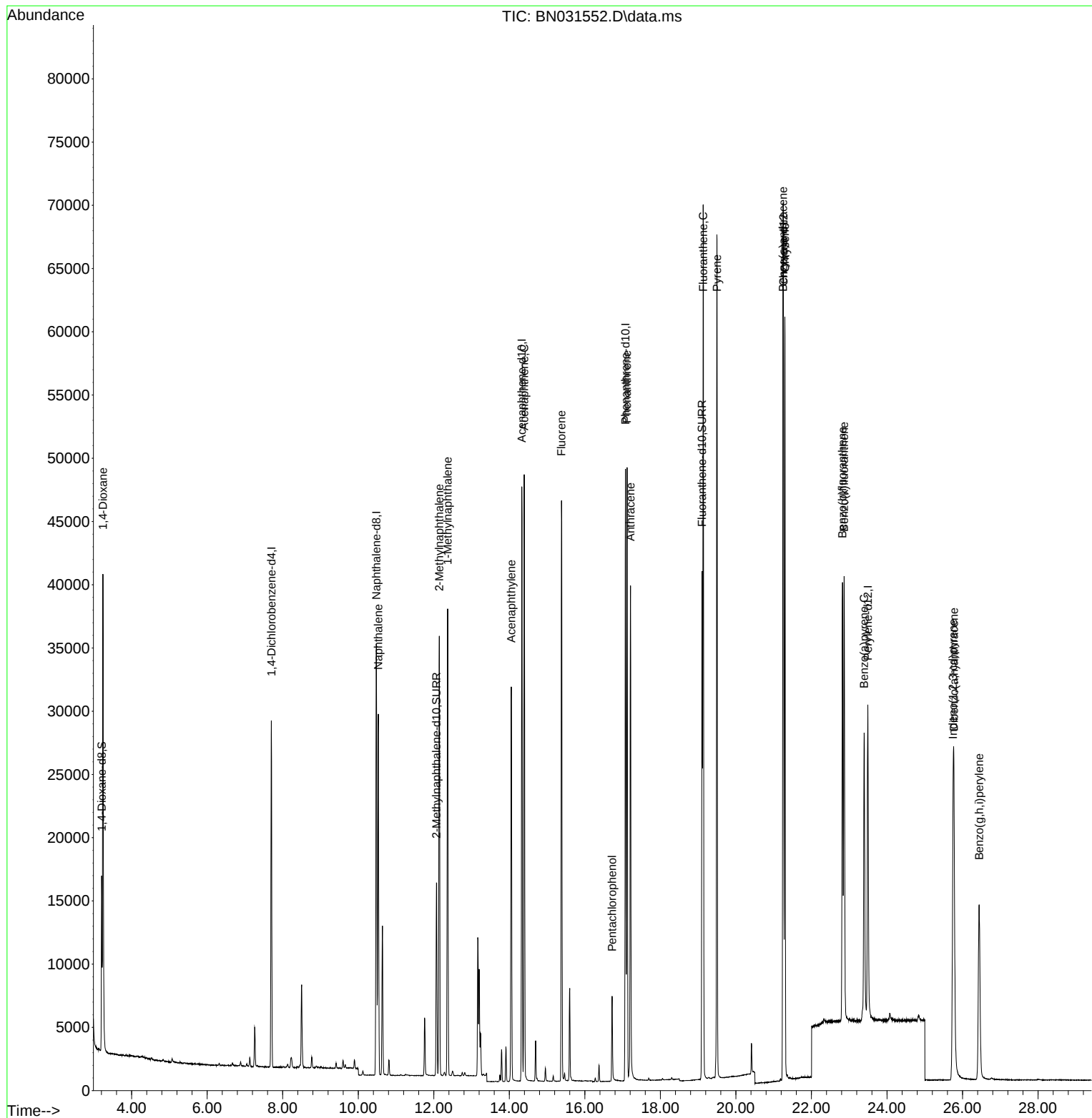
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	13609	0.400	ng/ul	0.00
4) Naphthalene-d8	10.481	136	45713	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.332	164	25342	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.075	188	55618	0.400	ng/ul	0.00
17) Chrysene-d12	21.261	240	42530	0.400	ng/ul	0.00
23) Perylene-d12	23.494	264	34083	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.207	96	9369	0.571	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.070	152	20466	0.316	ng/ul	0.00
18) Fluoranthene-d10	19.106	212	42438	0.360	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	26853	1.572	ng/ul	97
5) Naphthalene	10.530	128	38532	0.315	ng/ul	100
7) 2-Methylnaphthalene	12.147	142	24960	0.323	ng/ul	100
8) 1-Methylnaphthalene	12.367	142	25295	0.310	ng/ul	100
10) Acenaphthylene	14.054	152	35482	0.308	ng/ul	99
11) Acenaphthene	14.396	153	27087	0.309	ng/ul	99
12) Fluorene	15.382	166	29849	0.307	ng/ul	99
14) Pentachlorophenol	16.720	266	4564	0.526	ng/ul	99
15) Phenanthrene	17.117	178	50408	0.310	ng/ul	99
16) Anthracene	17.210	178	43431	0.316	ng/ul	99
19) Fluoranthene	19.134	202	56619	0.358	ng/ul	99
20) Pyrene	19.501	202	56046	0.358	ng/ul	97
21) Benzo(a)anthracene	21.246	228	49538	0.337	ng/ul	99
22) Chrysene	21.296	228	50417	0.317	ng/ul	99
24) Benzo(b)fluoranthene	22.822	252	44001	0.351	ng/ul	98
25) Benzo(k)fluoranthene	22.865	252	44098	0.325	ng/ul	97
26) Benzo(a)pyrene	23.395	252	36268	0.330	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.750	276	37469	0.293	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.774	278	29442	0.291	ng/ul	99
29) Benzo(g,h,i)perylene	26.441	276	29679	0.289	ng/ul	99

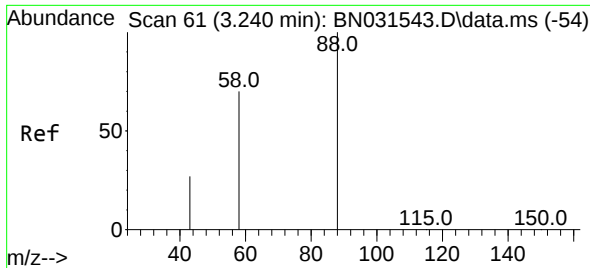
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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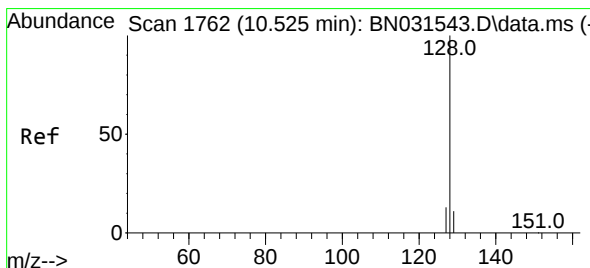
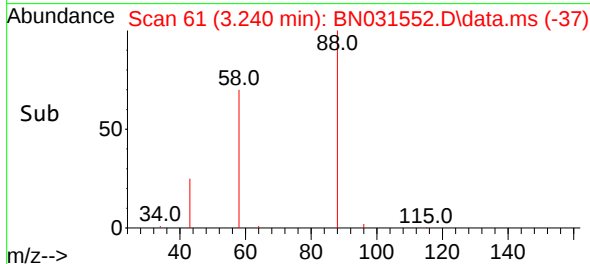
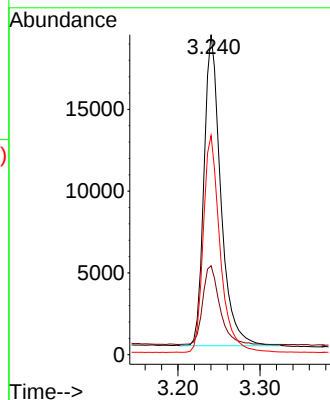
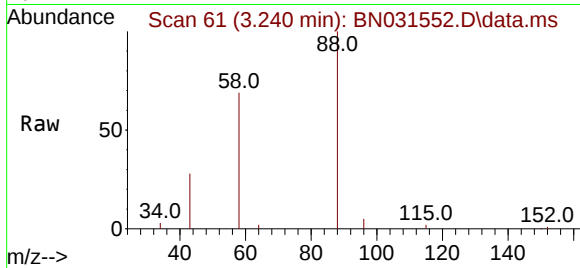




#2
1,4-Dioxane
Concen: 1.572 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN031552.D
Acq: 16 May 2024 16:15

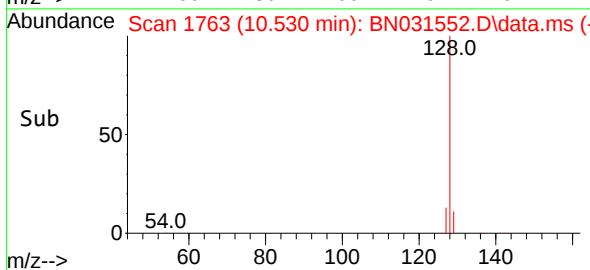
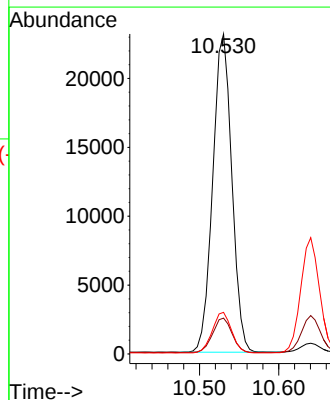
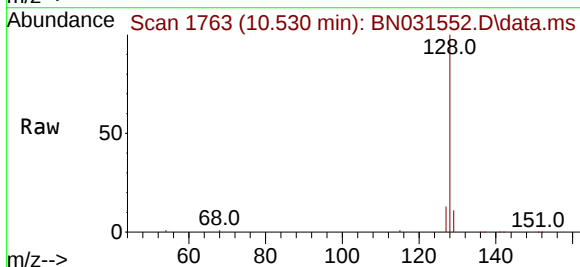
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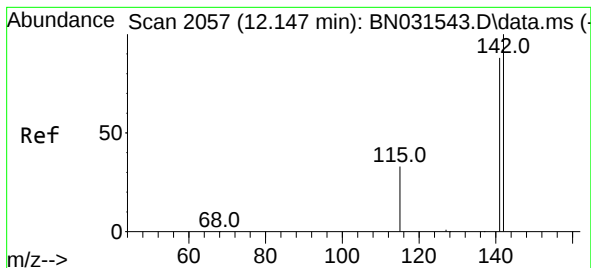
Tgt Ion: 88 Resp: 26853
Ion Ratio Lower Upper
88 100
43 27.8 23.3 34.9
58 68.5 53.0 79.4



#5
Naphthalene
Concen: 0.315 ng/ul
RT: 10.530 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN031552.D
Acq: 16 May 2024 16:15

Tgt Ion:128 Resp: 38532
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.0 10.4 15.6

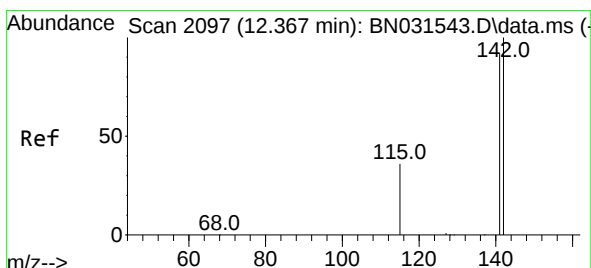
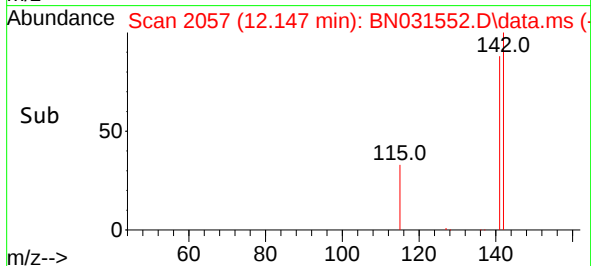
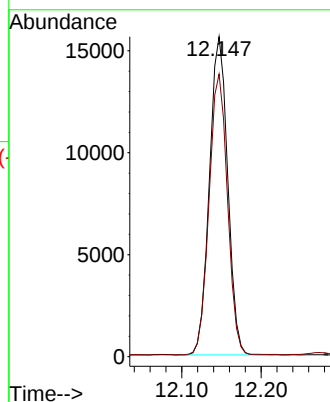
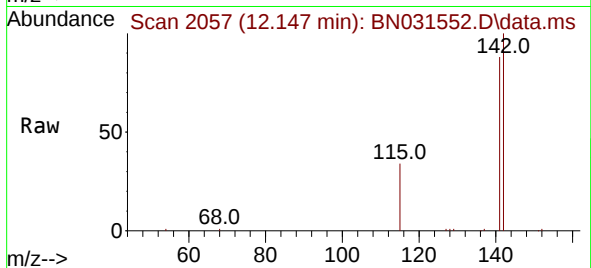




#7
2-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.147 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BN031552.D
Acq: 16 May 2024 16:15

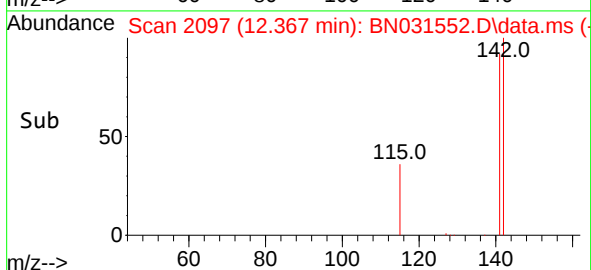
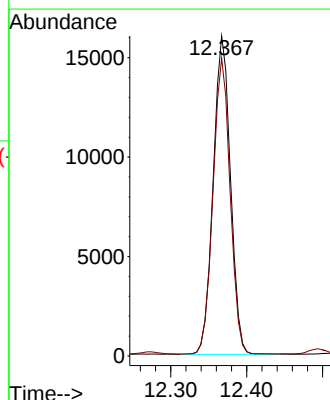
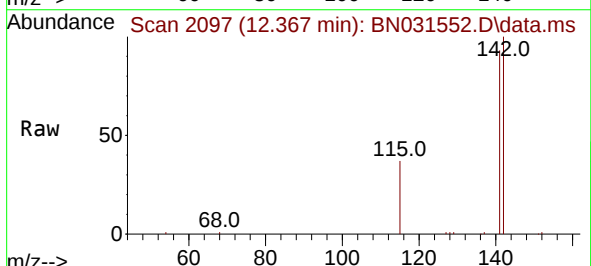
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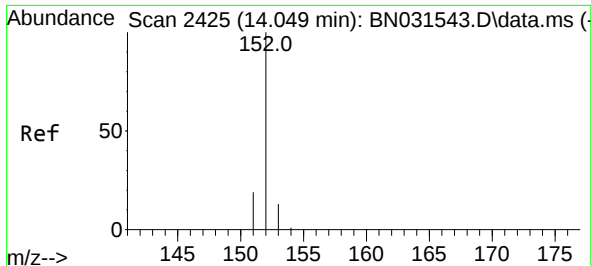
Tgt Ion:142 Resp: 24960
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.6



#8
1-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.367 min Scan# 2097
Delta R.T. -0.005 min
Lab File: BN031552.D
Acq: 16 May 2024 16:15

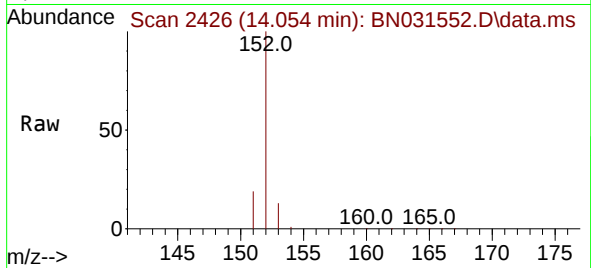
Tgt Ion:142 Resp: 25295
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.2



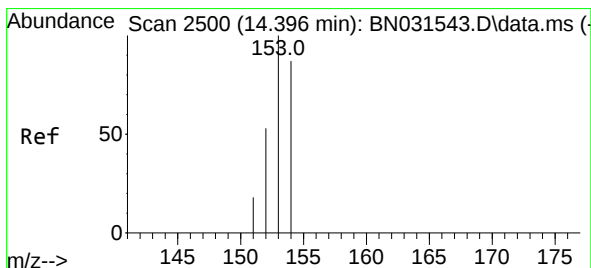
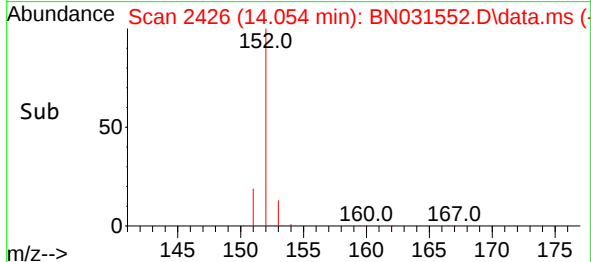
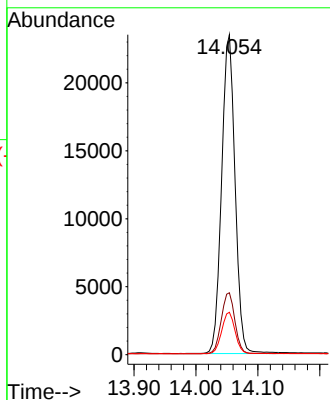


#10
Acenaphthylene
Concen: 0.308 ng/u1
RT: 14.054 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN031552.D
Acq: 16 May 2024 16:15

Instrument :
BNA_N
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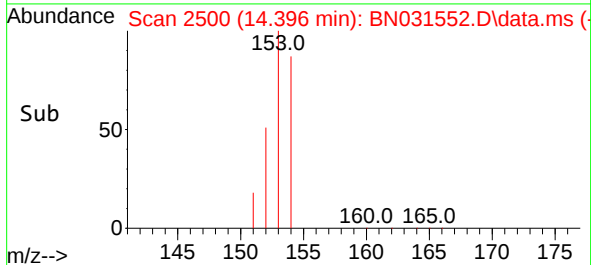
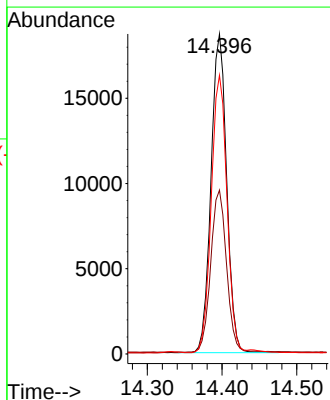
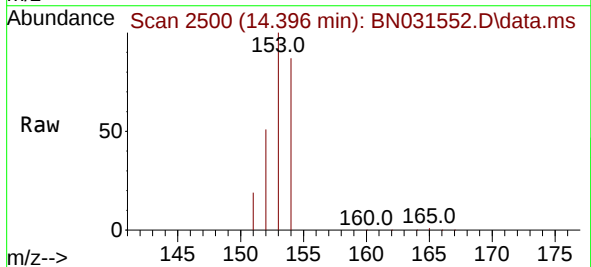


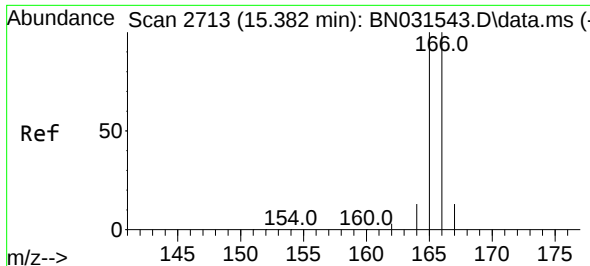
Tgt Ion:152 Resp: 35482
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8
153 13.3 10.5 15.7



#11
Acenaphthene
Concen: 0.309 ng/u1
RT: 14.396 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN031552.D
Acq: 16 May 2024 16:15

Tgt Ion:153 Resp: 27087
Ion Ratio Lower Upper
153 100
152 51.2 42.6 64.0
154 87.1 70.0 105.0

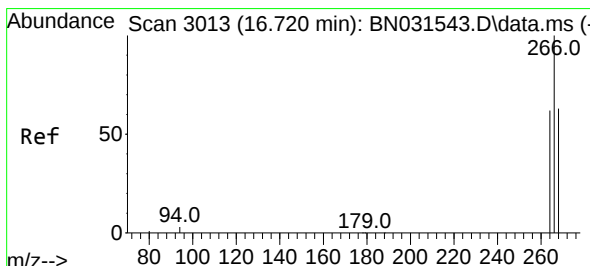
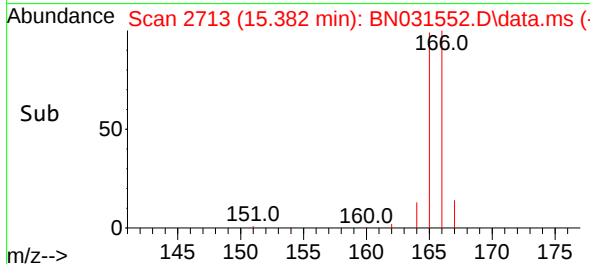
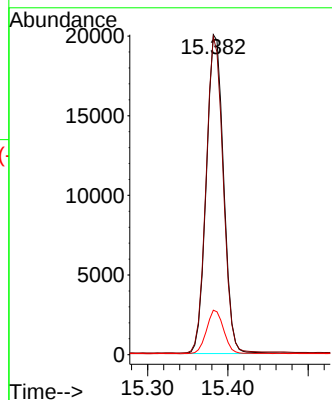
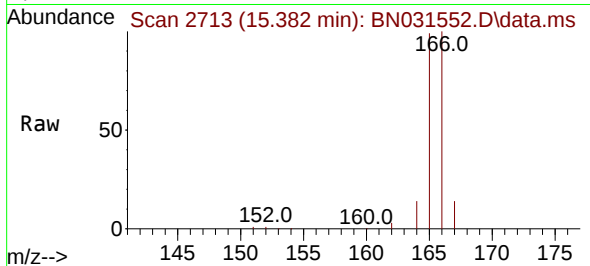




#12
Fluorene
Concen: 0.307 ng/ul
RT: 15.382 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN031552.D
Acq: 16 May 2024 16:15

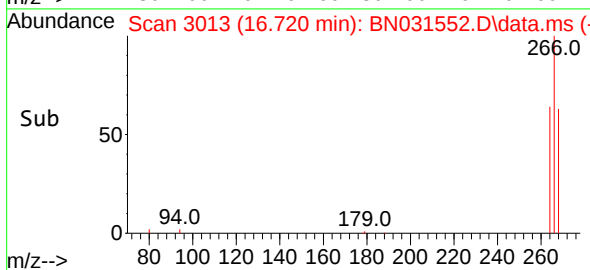
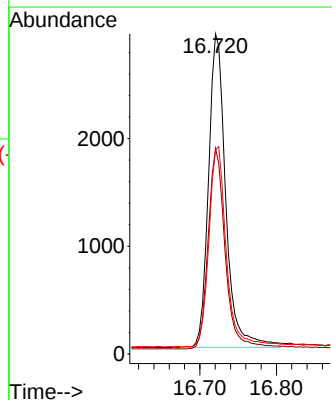
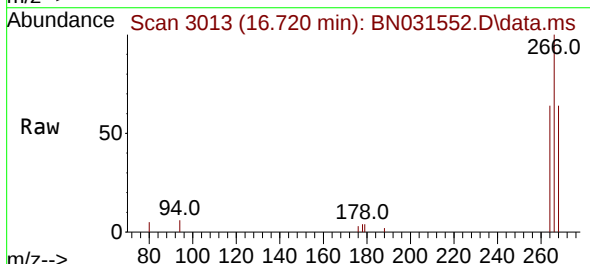
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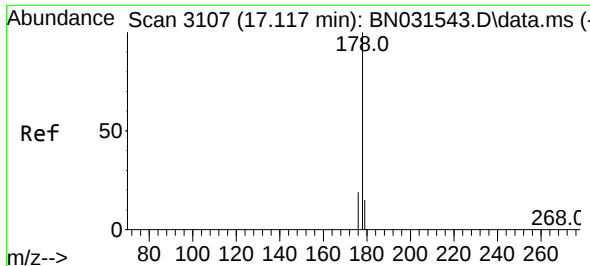
Tgt Ion:166 Resp: 29849
Ion Ratio Lower Upper
166 100
165 99.4 78.6 117.8
167 13.9 10.9 16.3



#14
Pentachlorophenol
Concen: 0.526 ng/ul
RT: 16.720 min Scan# 3013
Delta R.T. -0.004 min
Lab File: BN031552.D
Acq: 16 May 2024 16:15

Tgt Ion:266 Resp: 4564
Ion Ratio Lower Upper
266 100
264 63.5 49.9 74.9
268 64.6 51.1 76.7

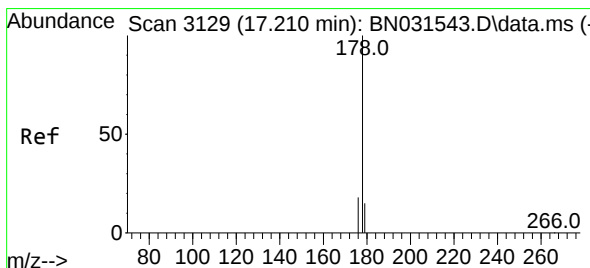
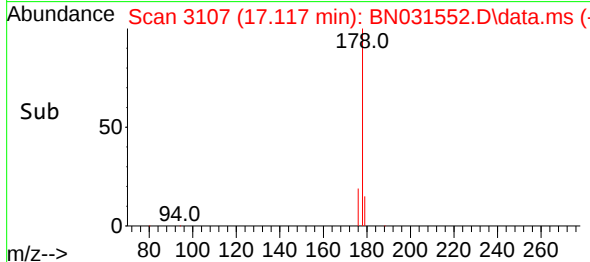
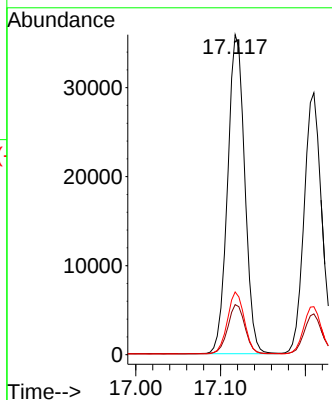
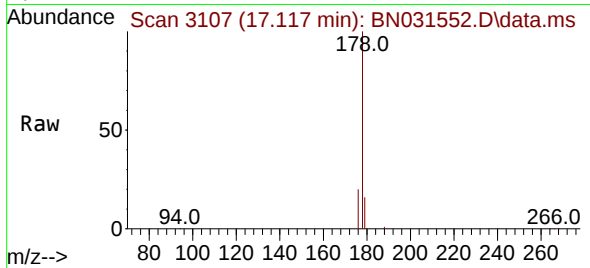




#15
Phenanthrene
Concen: 0.310 ng/ul
RT: 17.117 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BN031552.D
Acq: 16 May 2024 16:15

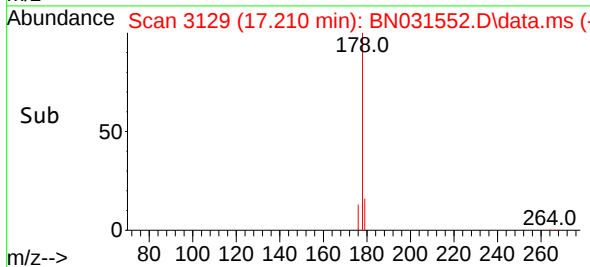
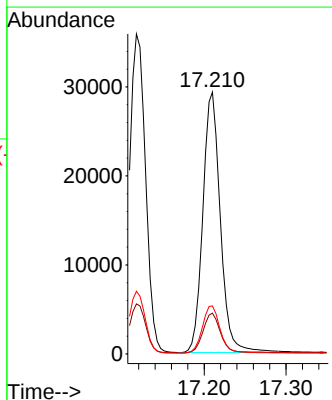
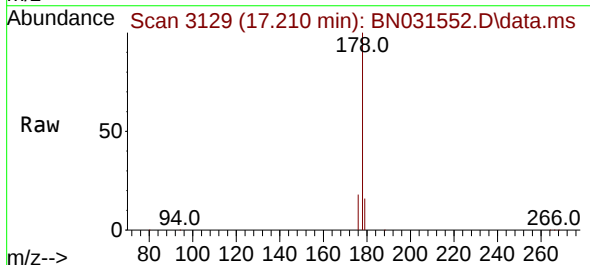
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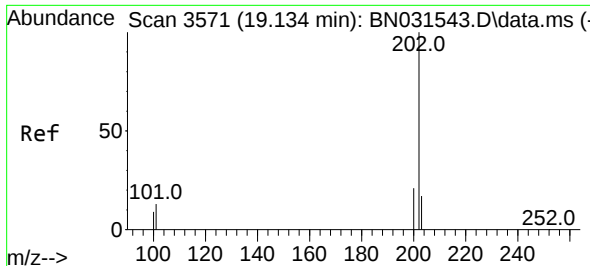
Tgt Ion:178 Resp: 50408
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 19.6 15.4 23.0



#16
Anthracene
Concen: 0.316 ng/ul
RT: 17.210 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BN031552.D
Acq: 16 May 2024 16:15

Tgt Ion:178 Resp: 43431
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 18.3 14.9 22.3

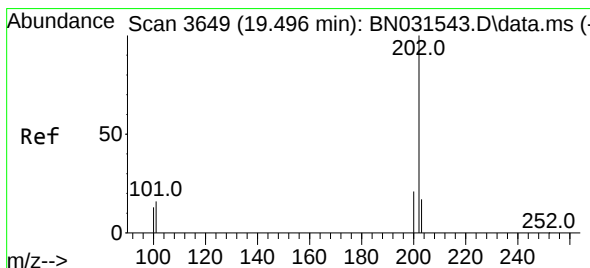
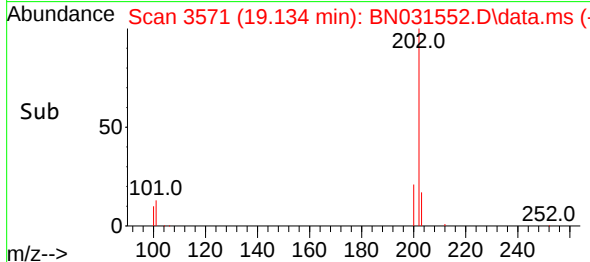
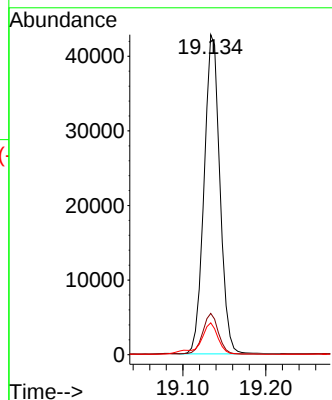
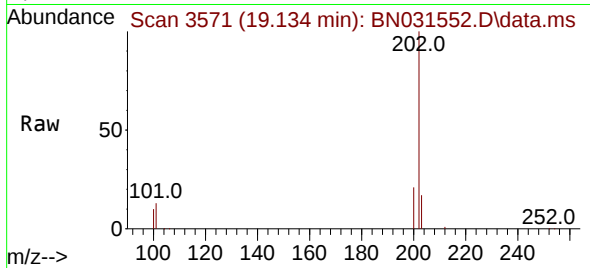




#19
Fluoranthene
Concen: 0.358 ng/ul
RT: 19.134 min Scan# 3571
Delta R.T. -0.005 min
Lab File: BN031552.D
Acq: 16 May 2024 16:15

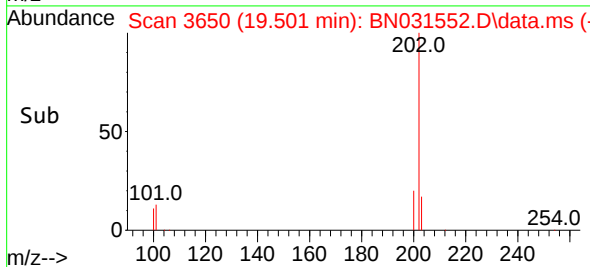
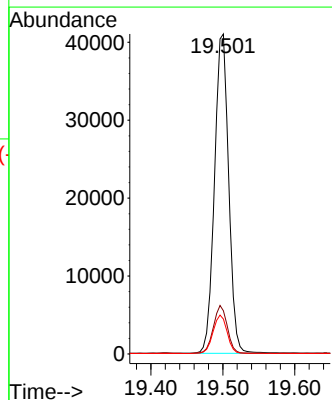
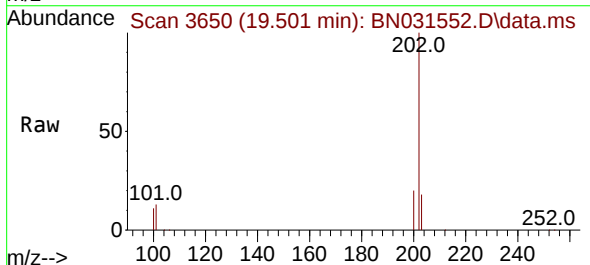
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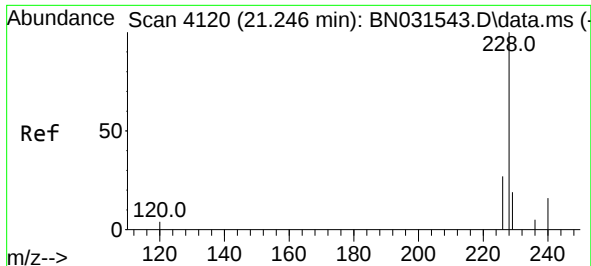
Tgt Ion:202 Resp: 56619
Ion Ratio Lower Upper
202 100
101 12.9 10.2 15.4
100 10.0 7.7 11.5



#20
Pyrene
Concen: 0.358 ng/ul
RT: 19.501 min Scan# 3650
Delta R.T. 0.000 min
Lab File: BN031552.D
Acq: 16 May 2024 16:15

Tgt Ion:202 Resp: 56046
Ion Ratio Lower Upper
202 100
101 13.5 12.0 18.0
100 10.9 9.7 14.5

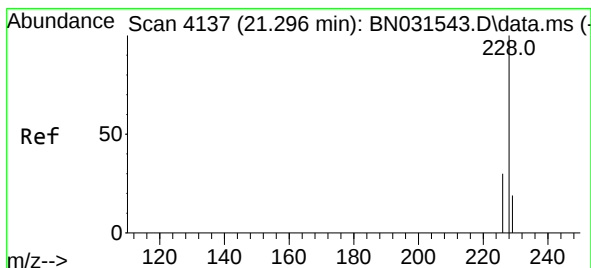
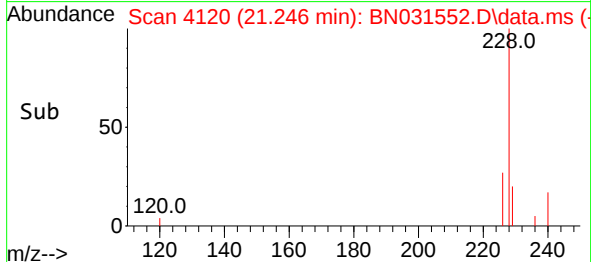
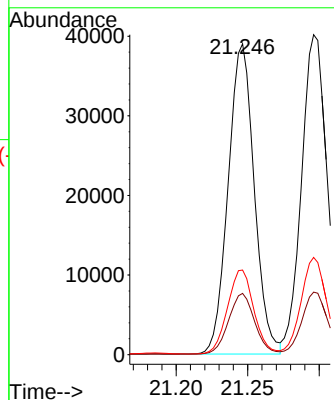
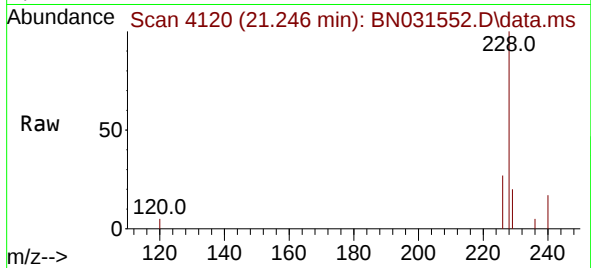




#21
Benzo(a)anthracene
Concen: 0.337 ng/ul
RT: 21.246 min Scan# 4120
Delta R.T. -0.003 min
Lab File: BN031552.D
Acq: 16 May 2024 16:15

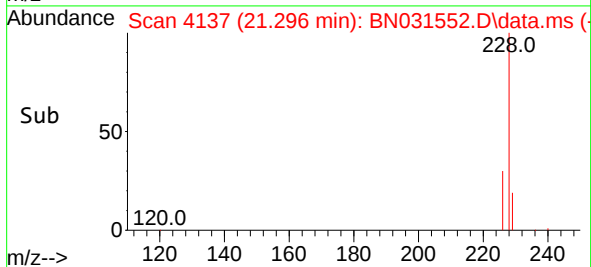
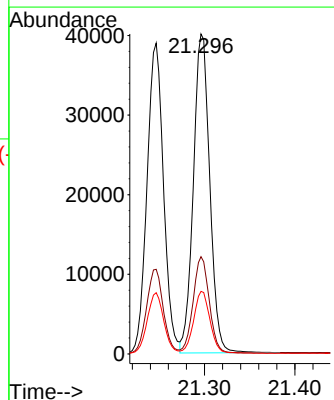
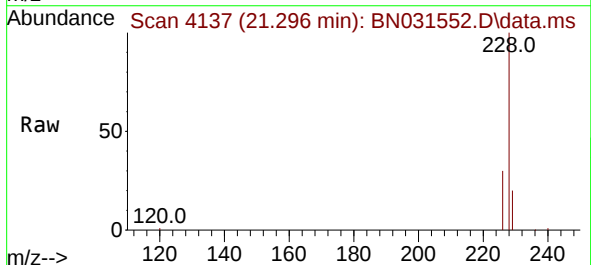
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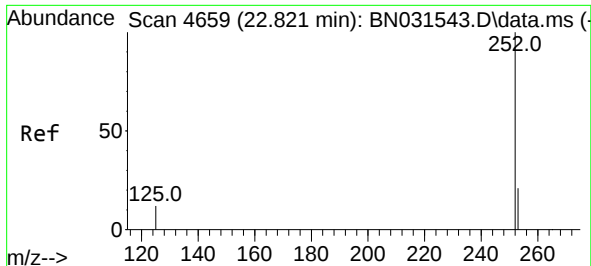
Tgt Ion:228 Resp: 49538
Ion Ratio Lower Upper
228 100
229 19.7 15.4 23.0
226 27.2 21.5 32.3



#22
Chrysene
Concen: 0.317 ng/ul
RT: 21.296 min Scan# 4137
Delta R.T. -0.006 min
Lab File: BN031552.D
Acq: 16 May 2024 16:15

Tgt Ion:228 Resp: 50417
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.8
229 19.5 15.7 23.5

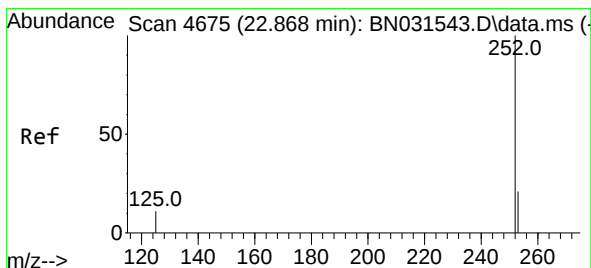
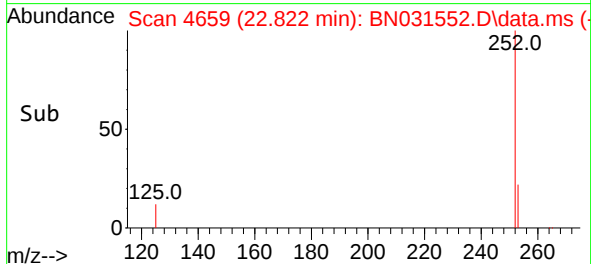
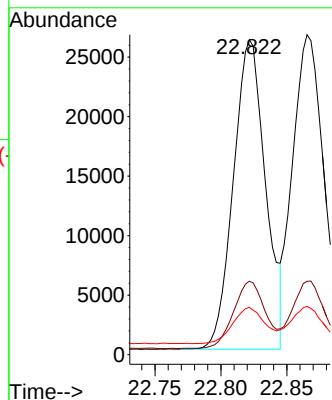
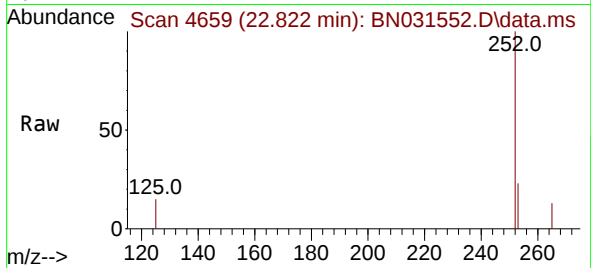




#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 22.822 min Scan# 4659
Delta R.T. -0.006 min
Lab File: BN031552.D
Acq: 16 May 2024 16:15

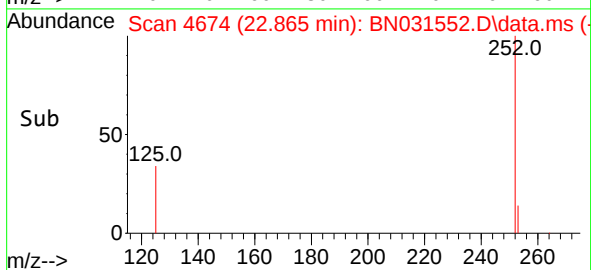
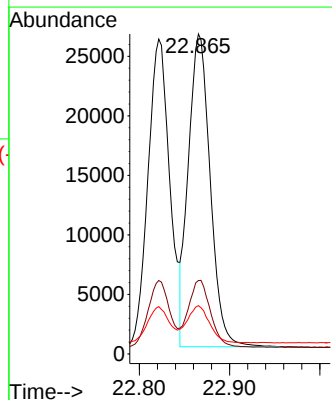
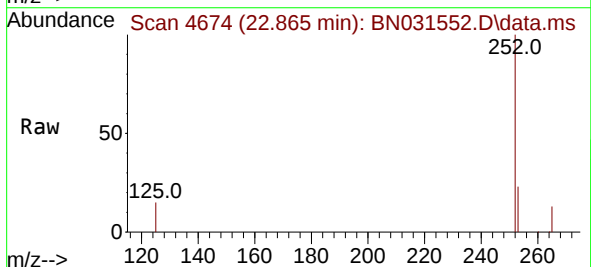
Instrument :
BNA_N
ClientSampleId :
SLCS730

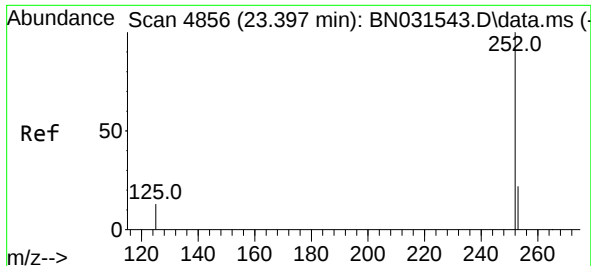
Tgt Ion:252 Resp: 44001
Ion Ratio Lower Upper
252 100
253 23.3 0.0 44.8
125 15.0 0.0 27.4



#25
Benzo(k)fluoranthene
Concen: 0.325 ng/ul
RT: 22.865 min Scan# 4674
Delta R.T. -0.009 min
Lab File: BN031552.D
Acq: 16 May 2024 16:15

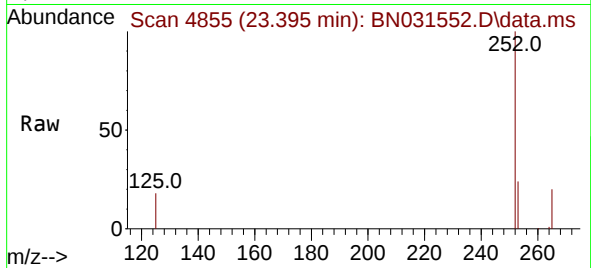
Tgt Ion:252 Resp: 44098
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 15.1 10.6 16.0



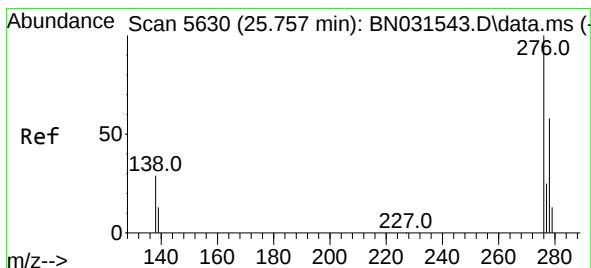
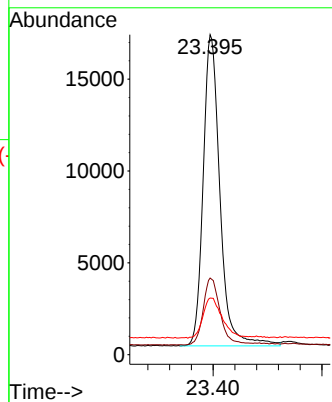
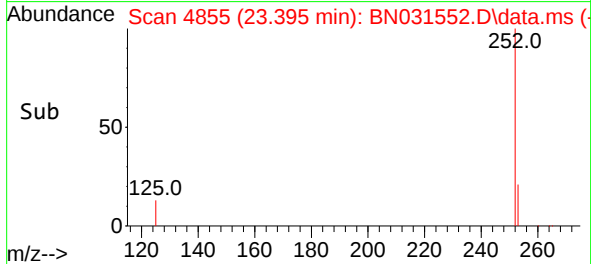


#26
Benzo(a)pyrene
Concen: 0.330 ng/ul
RT: 23.395 min Scan# 4856
Delta R.T. -0.009 min
Lab File: BN031552.D
Acq: 16 May 2024 16:15

Instrument :
BNA_N
ClientSampleId :
SLCS730

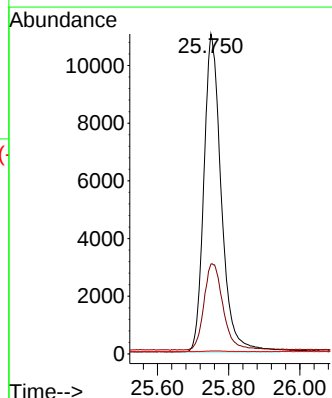
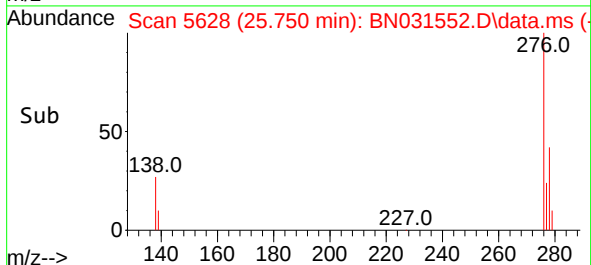
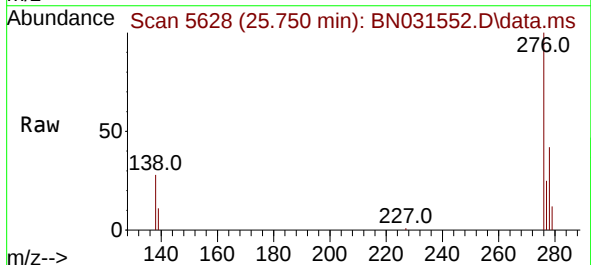


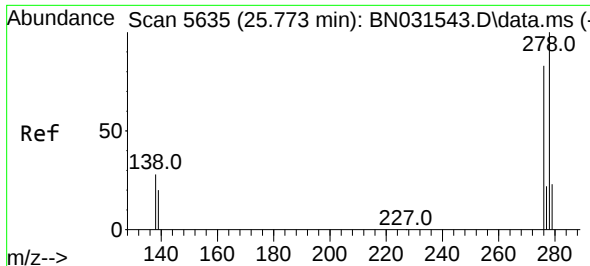
Tgt Ion:252 Resp: 36268
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 17.7 12.3 18.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.293 ng/ul
RT: 25.750 min Scan# 5628
Delta R.T. -0.017 min
Lab File: BN031552.D
Acq: 16 May 2024 16:15

Tgt Ion:276 Resp: 37469
Ion Ratio Lower Upper
276 100
138 30.0 24.8 37.2
227 0.0 0.2 0.2

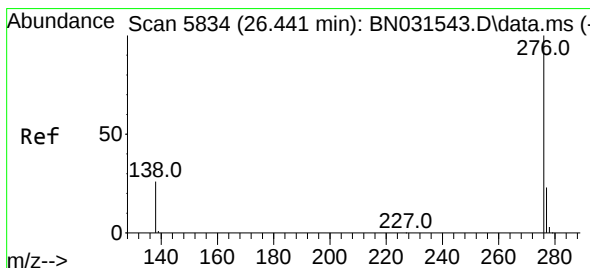
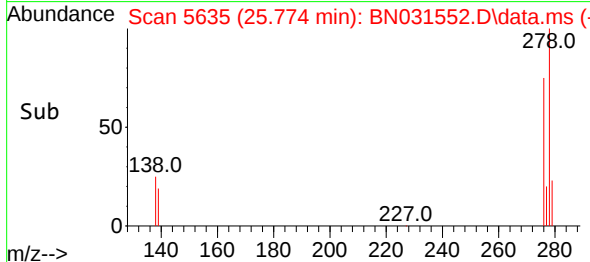
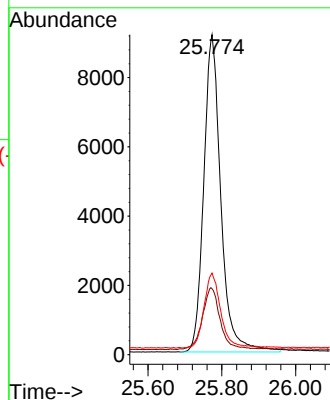
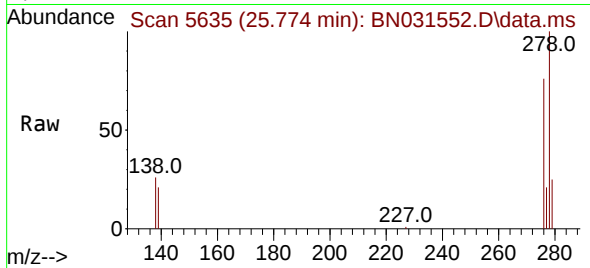




#28
 Dibenzo(a,h)anthracene
 Concen: 0.291 ng/ul
 RT: 25.774 min Scan# 5635
 Delta R.T. -0.007 min
 Lab File: BN031552.D
 Acq: 16 May 2024 16:15

Instrument :
 BNA_N
 ClientSampleId :
 SLCS730

Tgt Ion:278 Resp: 29442
 Ion Ratio Lower Upper
 278 100
 139 20.6 16.7 25.1
 279 25.5 19.5 29.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.289 ng/ul
 RT: 26.441 min Scan# 5834
 Delta R.T. -0.010 min
 Lab File: BN031552.D
 Acq: 16 May 2024 16:15

Tgt Ion:276 Resp: 29679
 Ion Ratio Lower Upper
 276 100
 138 27.0 21.4 32.2
 277 24.4 19.2 28.8

