

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
 Data File : BN032061.D
 Acq On : 19 Jun 2024 01:08
 Operator : MA/JU
 Sample : PB161389BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS389

Quant Time: Jun 19 01:33:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 14:06:13 2024
 Response via : Initial Calibration

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

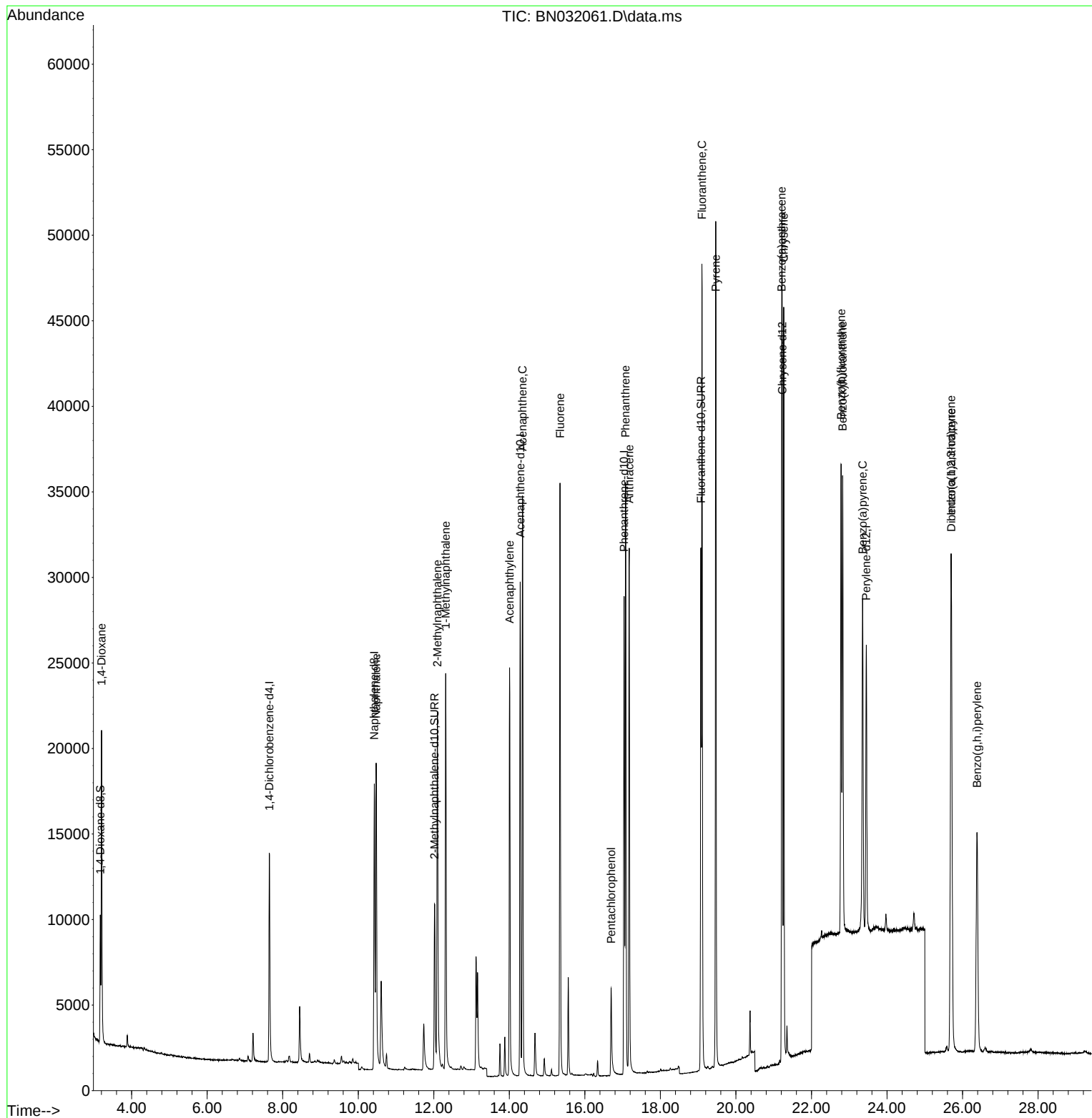
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.650	152	7089	0.400	ng/ul	0.00
4) Naphthalene-d8	10.425	136	25543	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.289	164	16868	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.040	188	35593	0.400	ng/ul	0.00
17) Chrysene-d12	21.231	240	26170	0.400	ng/ul	0.00
23) Perylene-d12	23.452	264	22137	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.173	96	5457	0.718	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.019	152	15577	0.375	ng/ul	0.00
18) Fluoranthene-d10	19.072	212	34433	0.435	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.202	88	13425	1.577	ng/ul#	89
5) Naphthalene	10.474	128	26483	0.390	ng/ul	99
7) 2-Methylnaphthalene	12.096	142	18203	0.384	ng/ul	98
8) 1-Methylnaphthalene	12.316	142	17727	0.362	ng/ul	97
10) Acenaphthylene	14.007	152	28868	0.401	ng/ul	100
11) Acenaphthene	14.349	153	21036	0.391	ng/ul	99
12) Fluorene	15.344	166	23874	0.363	ng/ul	98
14) Pentachlorophenol	16.698	266	4606	0.548	ng/ul#	78
15) Phenanthrene	17.078	178	38419	0.383	ng/ul	99
16) Anthracene	17.175	178	35273	0.391	ng/ul	100
19) Fluoranthene	19.100	202	43406	0.450	ng/ul	98
20) Pyrene	19.467	202	44085	0.437	ng/ul	100
21) Benzo(a)anthracene	21.213	228	39334	0.392	ng/ul	99
22) Chrysene	21.266	228	37289	0.373	ng/ul	99
24) Benzo(b)fluoranthene	22.785	252	34955	0.359	ng/ul	94
25) Benzo(k)fluoranthene	22.826	252	33997	0.364	ng/ul#	93
26) Benzo(a)pyrene	23.352	252	28743	0.416	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.695	276	34489	0.370	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.705	278	27761	0.386	ng/ul	95
29) Benzo(g,h,i)perylene	26.383	276	28065	0.379	ng/ul	97

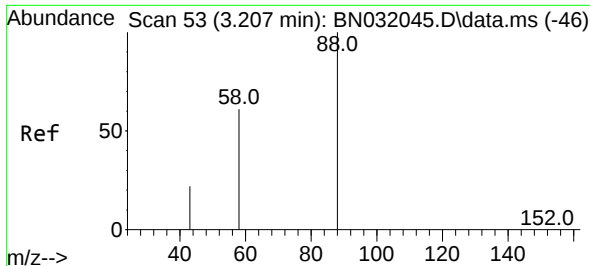
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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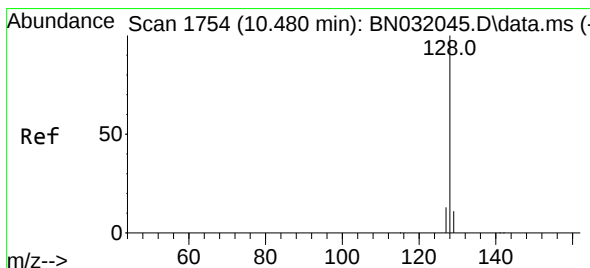
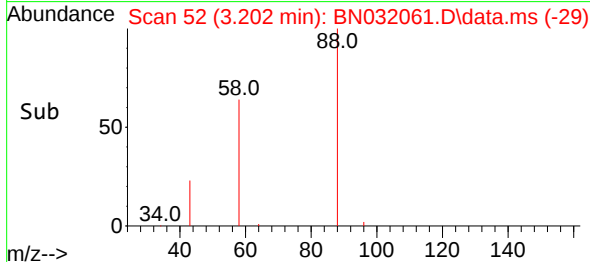
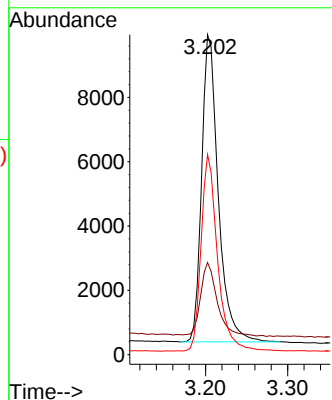
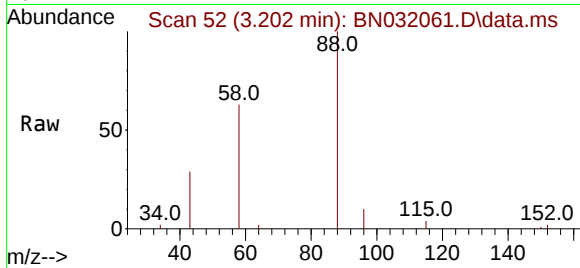




#2
 1,4-Dioxane
 Concen: 1.577 ng/ul
 RT: 3.202 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BN032061.D
 Acq: 19 Jun 2024 01:08

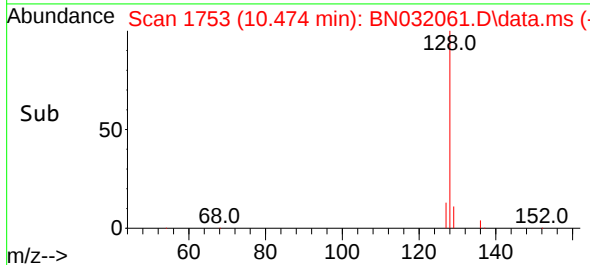
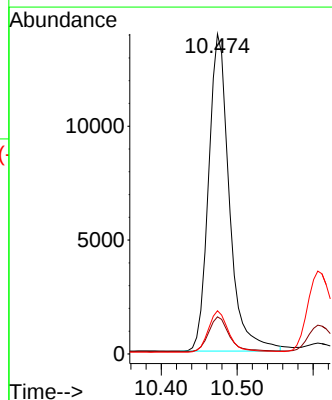
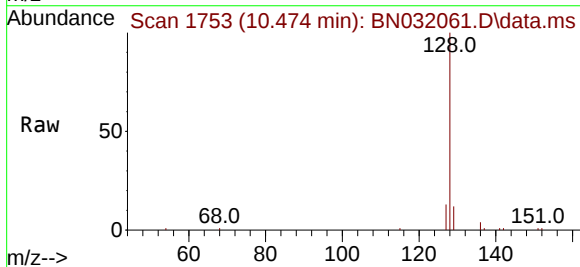
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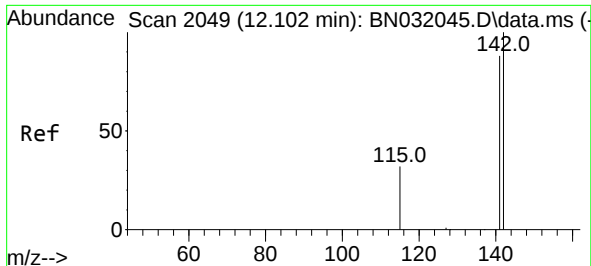
Tgt Ion: 88 Resp: 13425
 Ion Ratio Lower Upper
 88 100
 43 28.8 31.0 46.4#
 58 62.6 45.8 68.6



#5
 Naphthalene
 Concen: 0.390 ng/ul
 RT: 10.474 min Scan# 1753
 Delta R.T. -0.007 min
 Lab File: BN032061.D
 Acq: 19 Jun 2024 01:08

Tgt Ion:128 Resp: 26483
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.3 13.9
 127 13.5 10.3 15.5

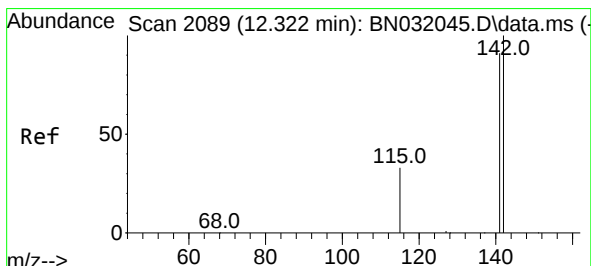
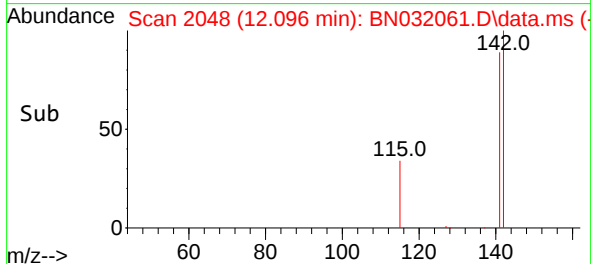
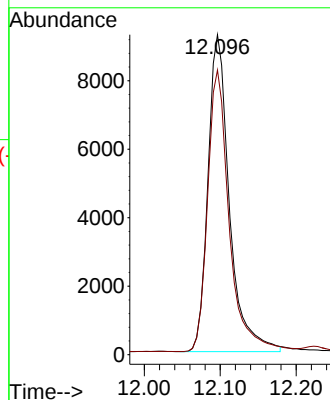
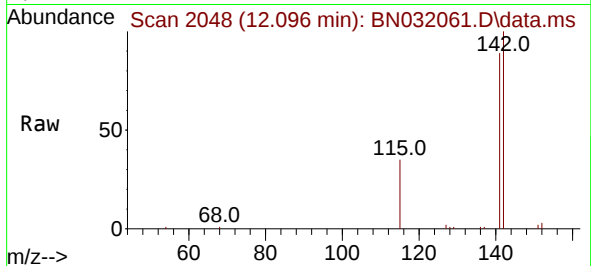




#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.096 min Scan# 2048
Delta R.T. -0.007 min
Lab File: BN032061.D
Acq: 19 Jun 2024 01:08

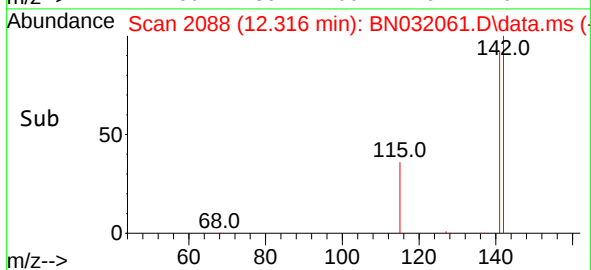
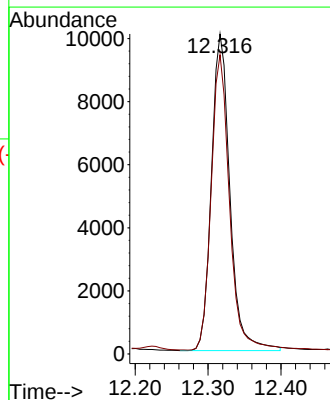
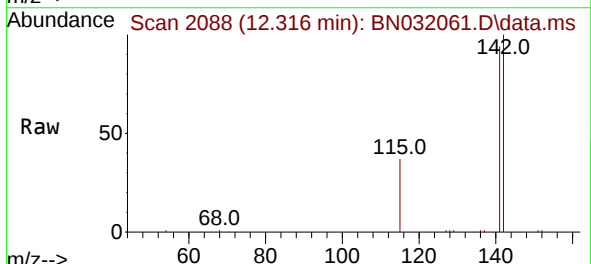
Instrument :
BNA_N
ClientSampleId :
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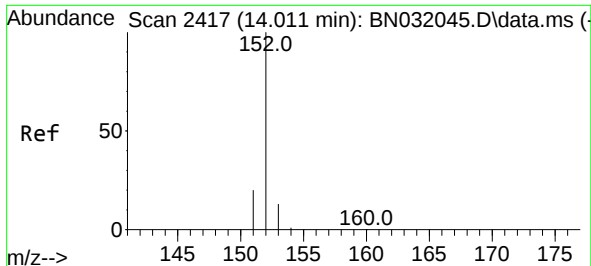
Tgt Ion:142 Resp: 18203
Ion Ratio Lower Upper
142 100
141 89.0 69.7 104.5



#8
1-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.316 min Scan# 2088
Delta R.T. -0.007 min
Lab File: BN032061.D
Acq: 19 Jun 2024 01:08

Tgt Ion:142 Resp: 17727
Ion Ratio Lower Upper
142 100
141 92.3 71.7 107.5

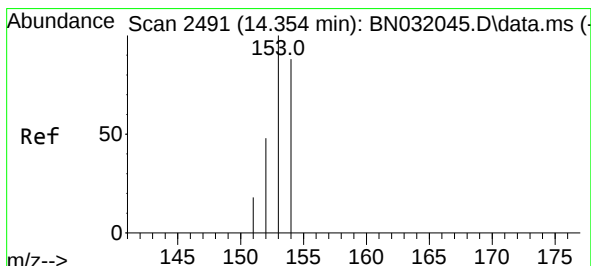
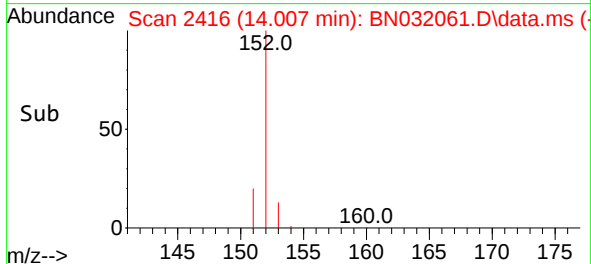
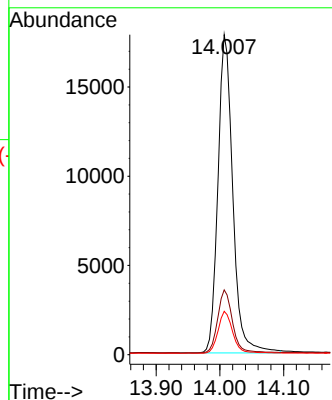
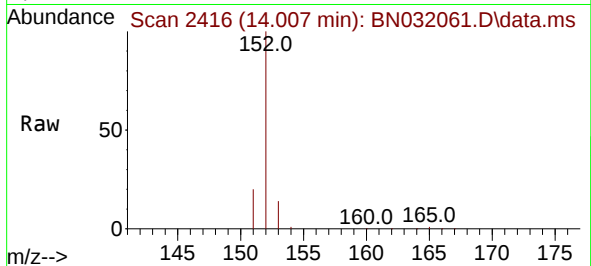




#10
Acenaphthylene
Concen: 0.401 ng/ul
RT: 14.007 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BN032061.D
Acq: 19 Jun 2024 01:08

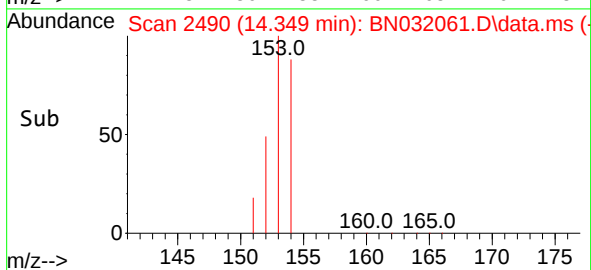
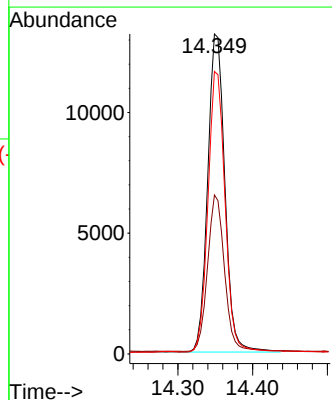
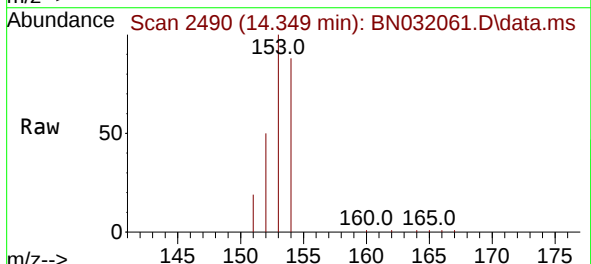
Instrument :
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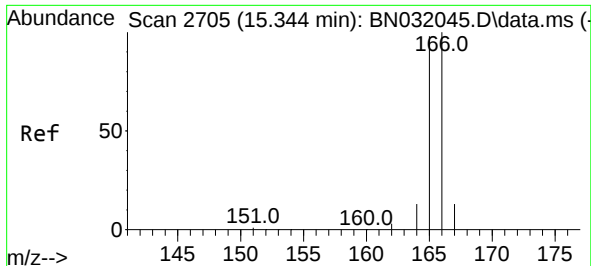
Tgt Ion:152 Resp: 28868
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.6 10.6 16.0



#11
Acenaphthene
Concen: 0.391 ng/ul
RT: 14.349 min Scan# 2490
Delta R.T. -0.006 min
Lab File: BN032061.D
Acq: 19 Jun 2024 01:08

Tgt Ion:153 Resp: 21036
Ion Ratio Lower Upper
153 100
152 49.7 39.4 59.2
154 88.3 71.2 106.8

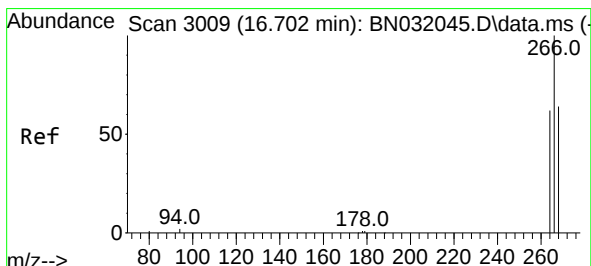
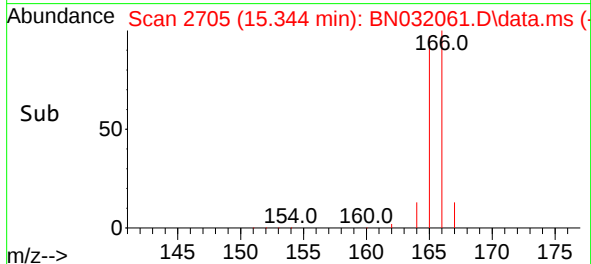
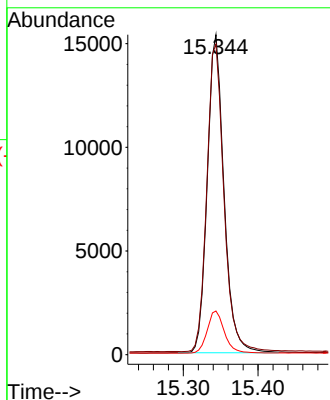
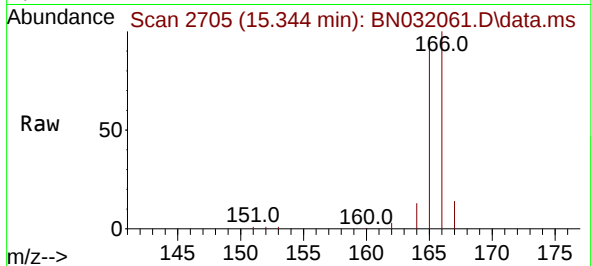




#12
Fluorene
Concen: 0.363 ng/ul
RT: 15.344 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN032061.D
Acq: 19 Jun 2024 01:08

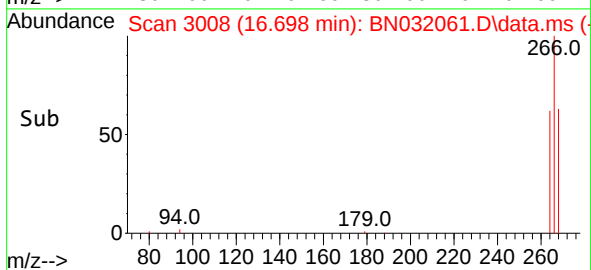
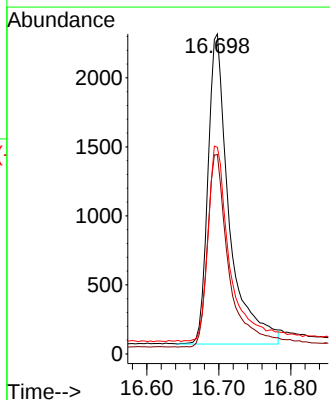
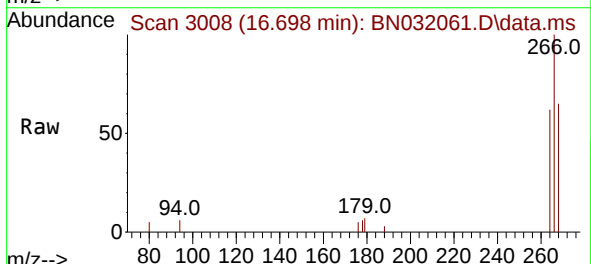
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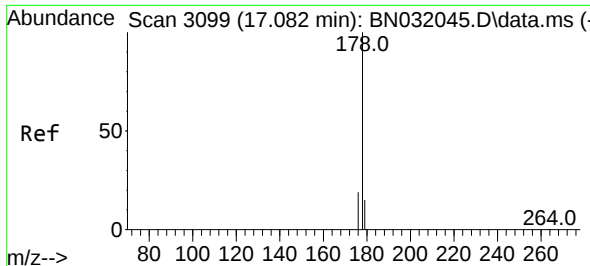
Tgt Ion:166 Resp: 23874
Ion Ratio Lower Upper
166 100
165 97.1 79.0 118.6
167 13.7 11.0 16.6



#14
Pentachlorophenol
Concen: 0.548 ng/ul
RT: 16.698 min Scan# 3008
Delta R.T. -0.001 min
Lab File: BN032061.D
Acq: 19 Jun 2024 01:08

Tgt Ion:266 Resp: 4606
Ion Ratio Lower Upper
266 100
264 62.8 38.2 57.4#
268 63.9 38.9 58.3#

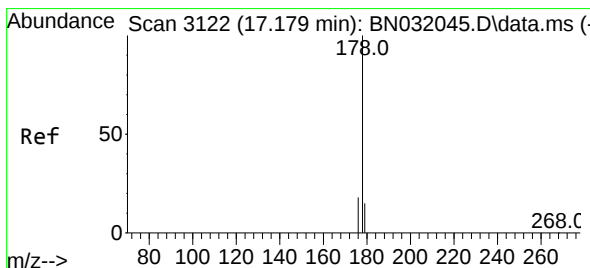
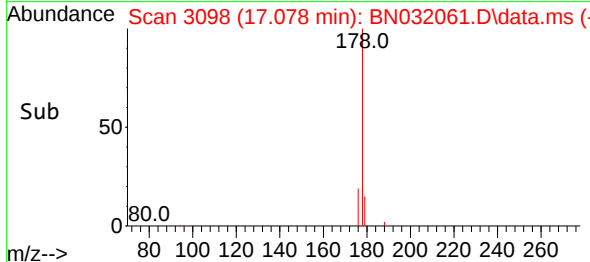
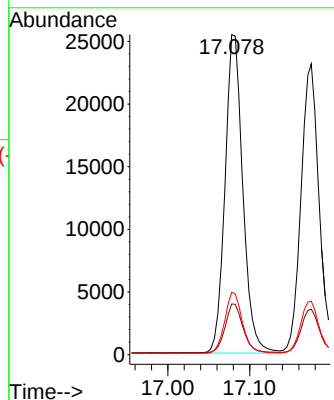
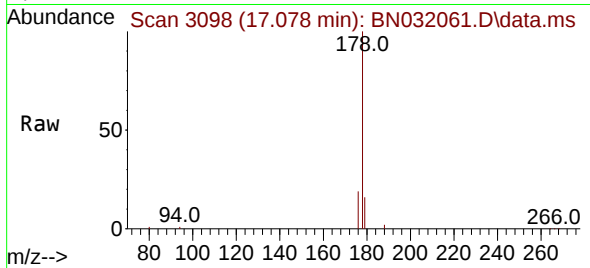




#15
 Phenanthrene
 Concen: 0.383 ng/ul
 RT: 17.078 min Scan# 3099
 Delta R.T. -0.005 min
 Lab File: BN032061.D
 Acq: 19 Jun 2024 01:08

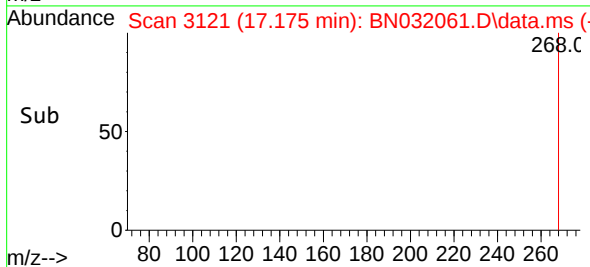
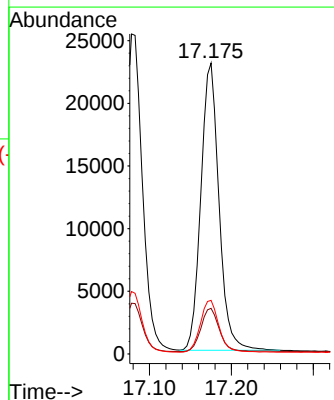
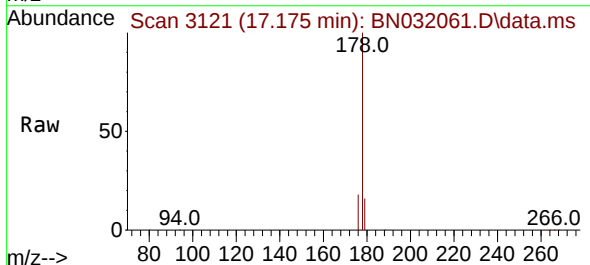
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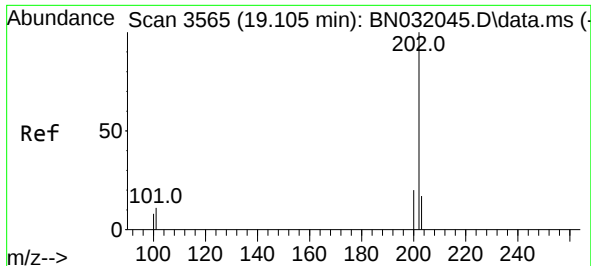
Tgt Ion:	178	Resp:	38419
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.5	18.7
176	19.5	15.3	22.9



#16
 Anthracene
 Concen: 0.391 ng/ul
 RT: 17.175 min Scan# 3121
 Delta R.T. -0.001 min
 Lab File: BN032061.D
 Acq: 19 Jun 2024 01:08

Tgt Ion:	178	Resp:	35273
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.7	19.1
176	18.5	14.8	22.2

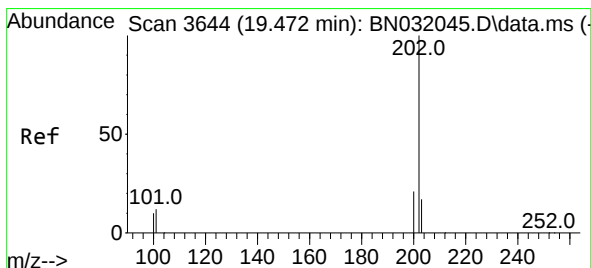
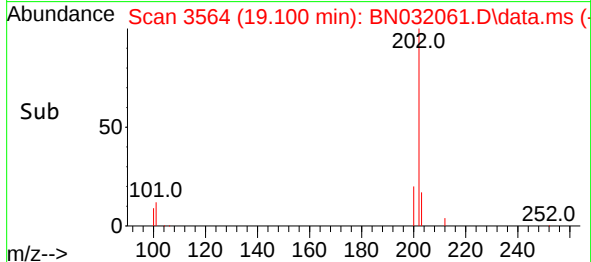
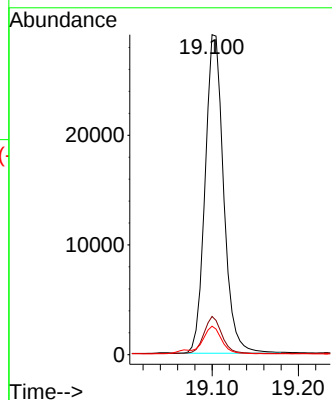
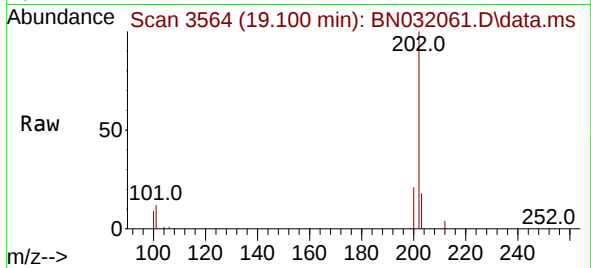




#19
Fluoranthene
Concen: 0.450 ng/ul
RT: 19.100 min Scan# 3564
Delta R.T. -0.006 min
Lab File: BN032061.D
Acq: 19 Jun 2024 01:08

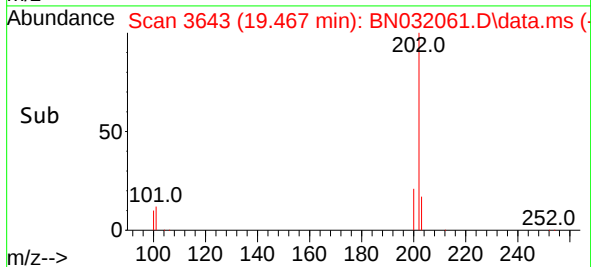
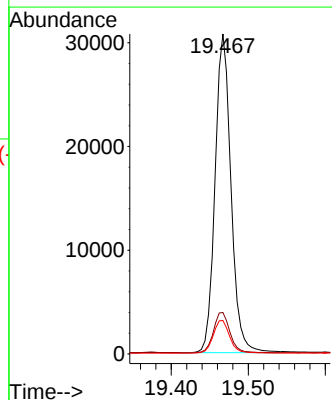
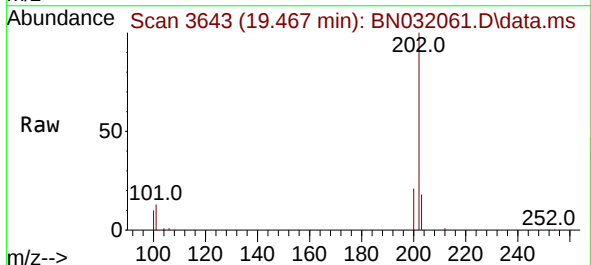
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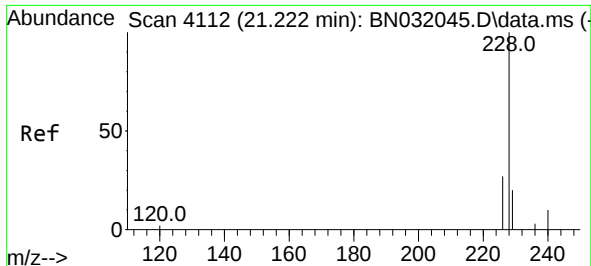
Tgt Ion:202 Resp: 43406
Ion Ratio Lower Upper
202 100
101 11.9 8.8 13.2
100 8.9 6.6 9.8



#20
Pyrene
Concen: 0.437 ng/ul
RT: 19.467 min Scan# 3643
Delta R.T. -0.001 min
Lab File: BN032061.D
Acq: 19 Jun 2024 01:08

Tgt Ion:202 Resp: 44085
Ion Ratio Lower Upper
202 100
101 13.0 10.5 15.7
100 10.4 8.6 12.8

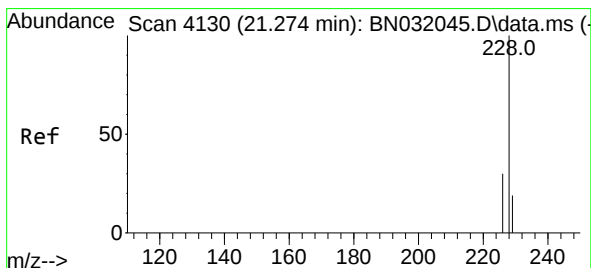
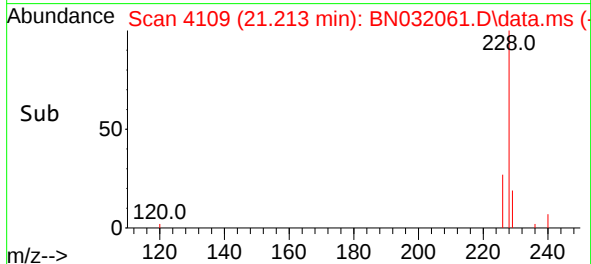
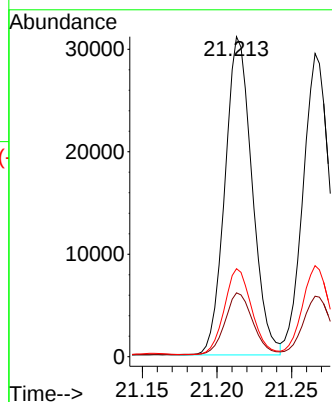
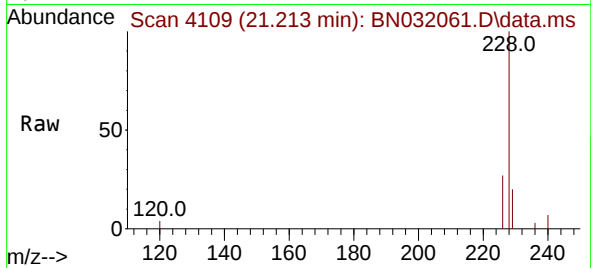




#21
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.213 min Scan# 4112
Delta R.T. -0.010 min
Lab File: BN032061.D
Acq: 19 Jun 2024 01:08

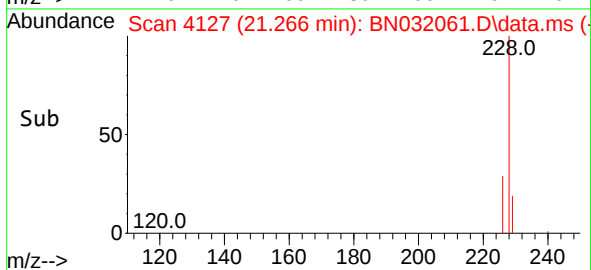
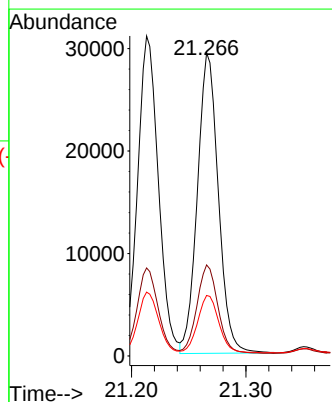
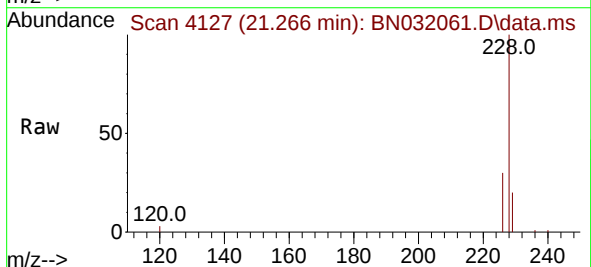
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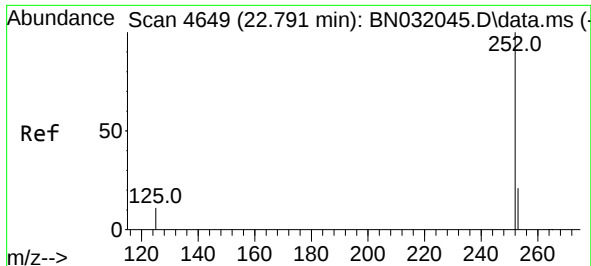
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Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 27.5 21.7 32.5



#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.266 min Scan# 4127
Delta R.T. -0.010 min
Lab File: BN032061.D
Acq: 19 Jun 2024 01:08

Tgt Ion:228 Resp: 37289
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 19.9 15.6 23.4

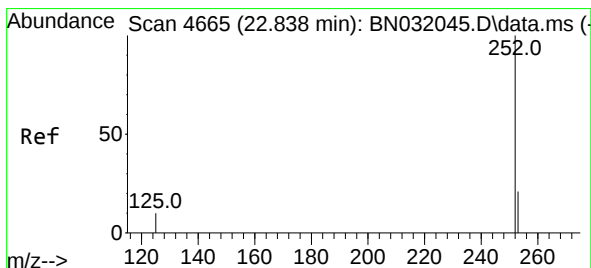
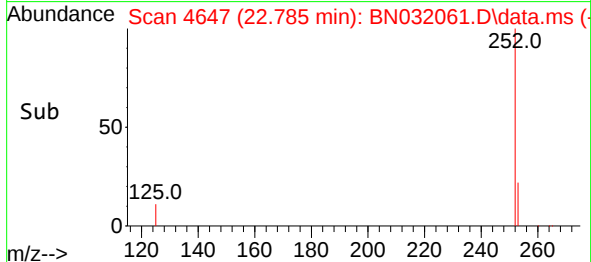
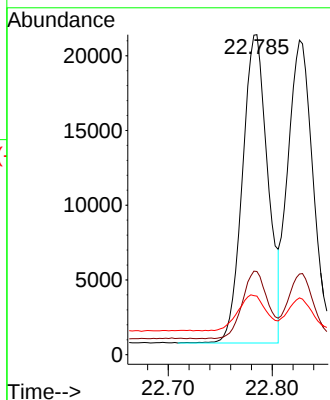
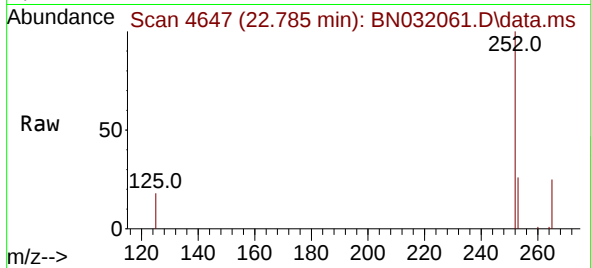




#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul
RT: 22.785 min Scan# 4647
Delta R.T. -0.007 min
Lab File: BN032061.D
Acq: 19 Jun 2024 01:08

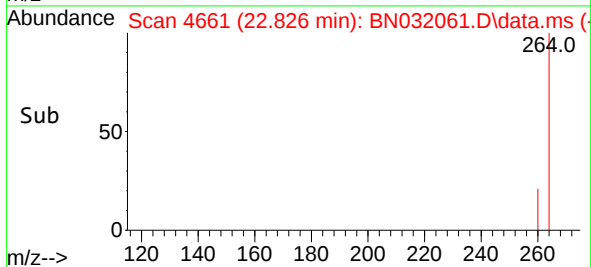
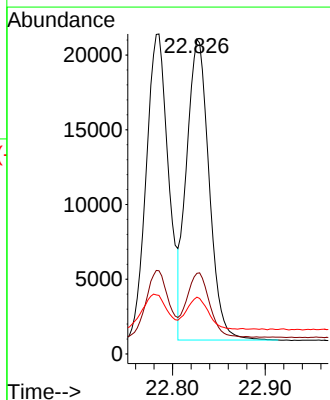
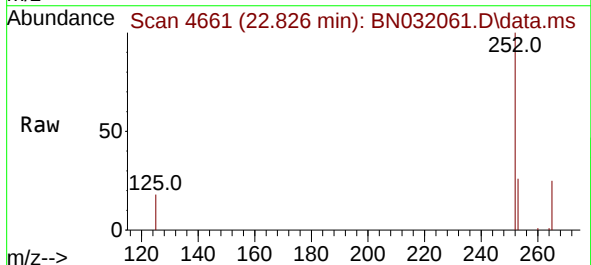
Instrument :
BNA_N
ClientSampleId :
SLCS389

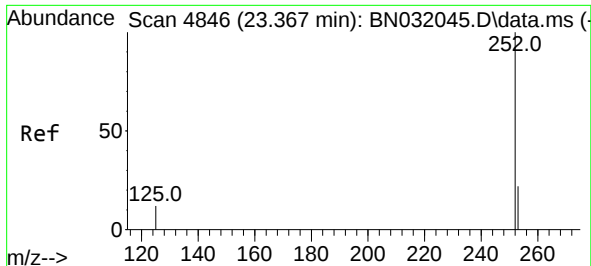
Tgt Ion:252 Resp: 34955
Ion Ratio Lower Upper
252 100
253 26.0 0.0 47.4
125 18.3 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.364 ng/ul
RT: 22.826 min Scan# 4661
Delta R.T. -0.010 min
Lab File: BN032061.D
Acq: 19 Jun 2024 01:08

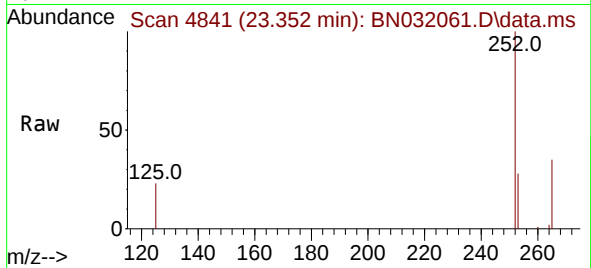
Tgt Ion:252 Resp: 33997
Ion Ratio Lower Upper
252 100
253 25.6 18.8 28.2
125 18.1 11.1 16.7#



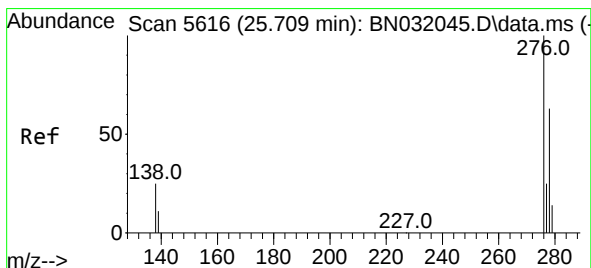
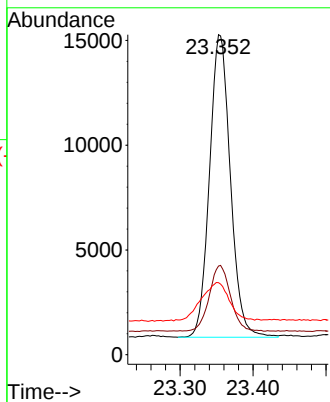
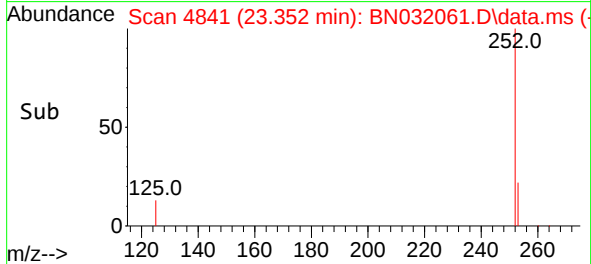


#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 23.352 min Scan# 4841
Delta R.T. -0.013 min
Lab File: BN032061.D
Acq: 19 Jun 2024 01:08

Instrument :
BNA_N
ClientSampleId :
SLCS389

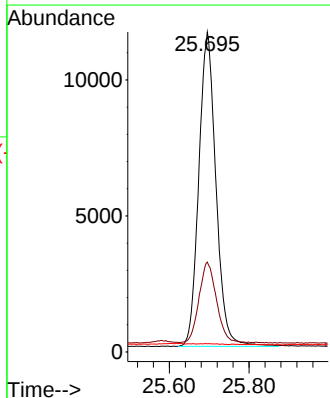
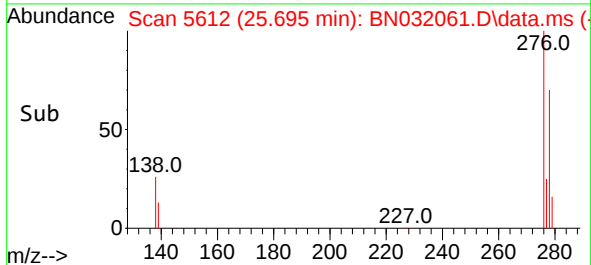
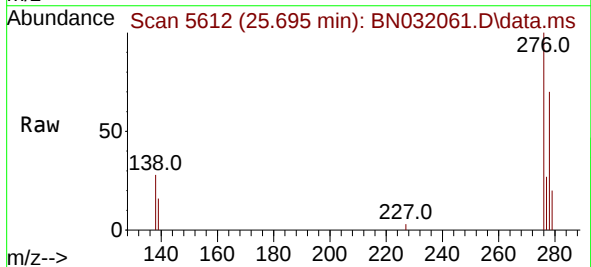


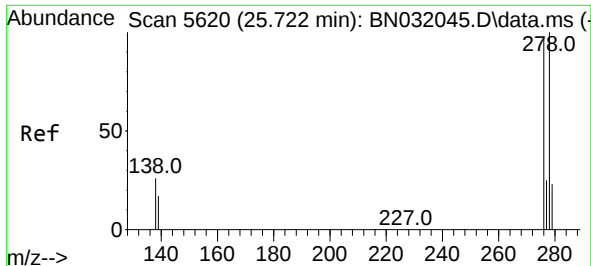
Tgt Ion:252 Resp: 28743
Ion Ratio Lower Upper
252 100
253 27.7 19.9 29.9
125 22.5 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng/ul
RT: 25.695 min Scan# 5612
Delta R.T. -0.011 min
Lab File: BN032061.D
Acq: 19 Jun 2024 01:08

Tgt Ion:276 Resp: 34489
Ion Ratio Lower Upper
276 100
138 26.1 21.0 31.4
227 0.0 0.2 0.2#

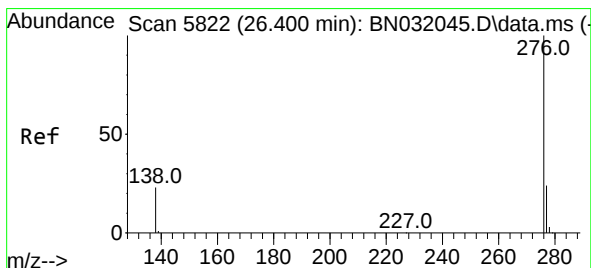
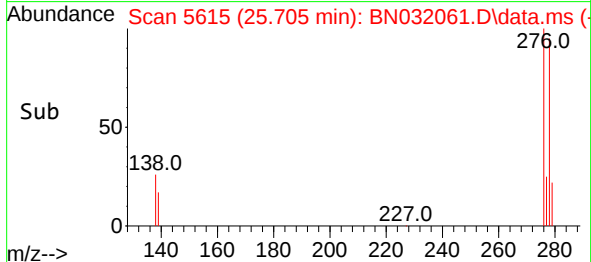
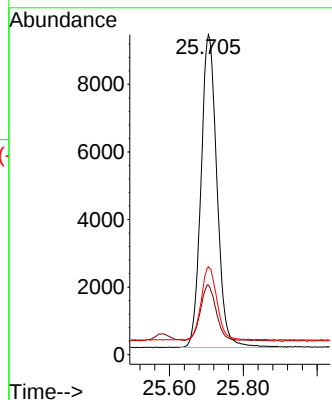
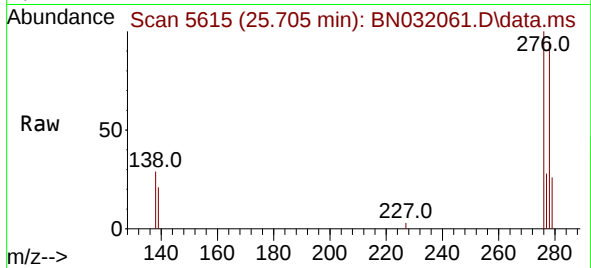




#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 25.705 min Scan# 51
Delta R.T. -0.018 min
Lab File: BN032061.D
Acq: 19 Jun 2024 01:08

Instrument :
BNA_N
ClientSampleId :
SLCS389

Tgt Ion:278 Resp: 27761
Ion Ratio Lower Upper
278 100
139 21.8 14.9 22.3
279 27.5 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.379 ng/ul
RT: 26.383 min Scan# 5817
Delta R.T. -0.015 min
Lab File: BN032061.D
Acq: 19 Jun 2024 01:08

Tgt Ion:276 Resp: 28065
Ion Ratio Lower Upper
276 100
138 25.6 19.0 28.4
277 26.7 20.4 30.6

