

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091523\
 Data File : BN027724.D
 Acq On : 16 Sep 2023 09:38
 Operator : MA/JU
 Sample : PB155419BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS419

Quant Time: Sep 18 00:50:04 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 16 01:11:24 2023
 Response via : Initial Calibration

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

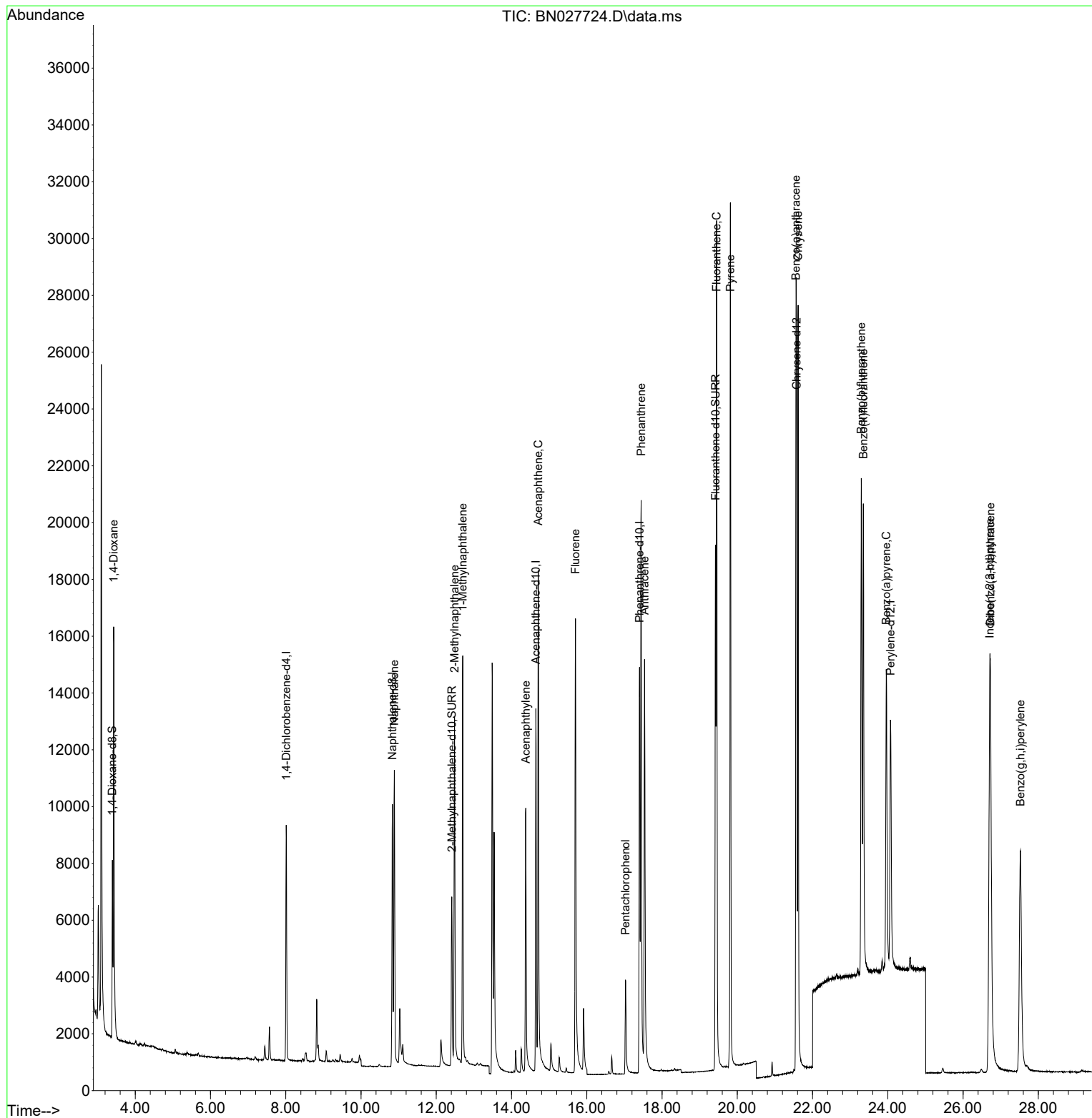
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	4299	0.400	ng/ul	0.00
4) Naphthalene-d8	10.834	136	13463	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.647	164	7646	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.401	188	18832	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	16097	0.400	ng/ul	0.00
23) Perylene-d12	24.070	264	14331	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	4258	0.786	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.412	152	8543	0.419	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	22163	0.451	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.427	88	10809	1.918	ng/ul#	84
5) Naphthalene	10.883	128	14901	0.387	ng/ul	100
7) 2-Methylnaphthalene	12.484	142	9298	0.381	ng/ul	100
8) 1-Methylnaphthalene	12.704	142	10173	0.404	ng/ul	99
10) Acenaphthylene	14.379	152	13077	0.392	ng/ul	99
11) Acenaphthene	14.712	153	11482	0.398	ng/ul	99
12) Fluorene	15.697	166	13455	0.396	ng/ul	99
14) Pentachlorophenol	17.029	266	2745	0.623	ng/ul	99
15) Phenanthrene	17.443	178	23368	0.395	ng/ul	99
16) Anthracene	17.536	178	19223	0.388	ng/ul	100
19) Fluoranthene	19.450	202	26808	0.412	ng/ul	99
20) Pyrene	19.817	202	27174	0.405	ng/ul	98
21) Benzo(a)anthracene	21.560	228	23553	0.378	ng/ul	99
22) Chrysene	21.615	228	25770	0.400	ng/ul	100
24) Benzo(b)fluoranthene	23.296	252	25547	0.400	ng/ul	100
25) Benzo(k)fluoranthene	23.348	252	24510	0.396	ng/ul	99
26) Benzo(a)pyrene	23.959	252	19718	0.384	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.706	276	25018	0.380	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.727	278	20119	0.380	ng/ul	99
29) Benzo(g,h,i)perylene	27.525	276	21573	0.386	ng/ul	99

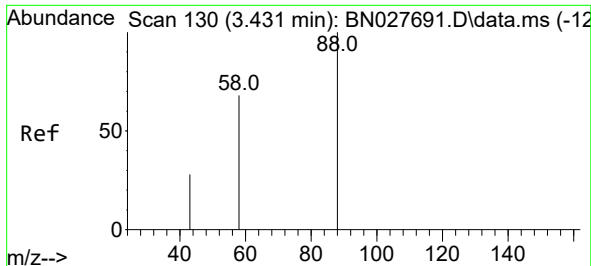
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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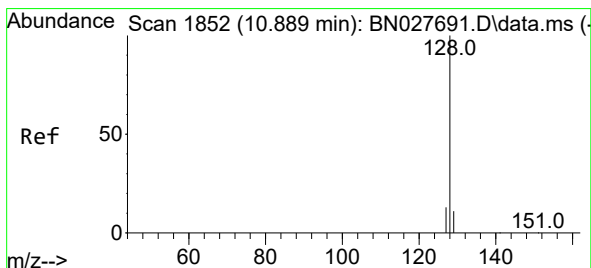
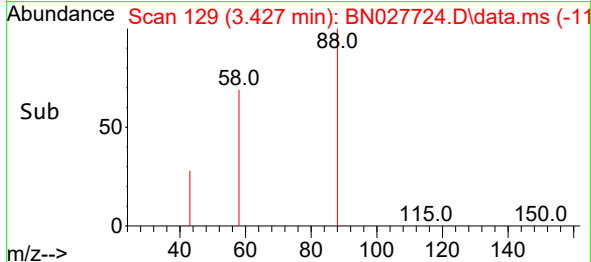
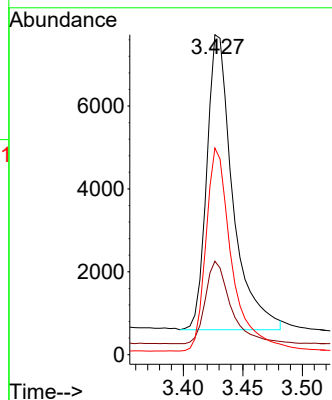
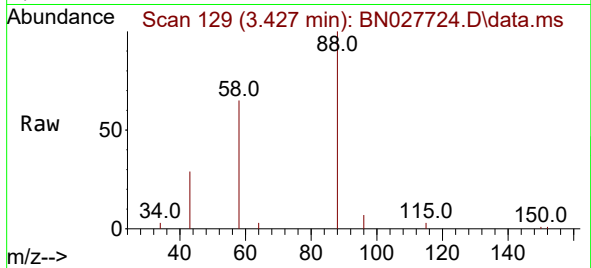




#2
1,4-Dioxane
Concen: 1.918 ng/ul
RT: 3.427 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027724.D
Acq: 16 Sep 2023 09:38

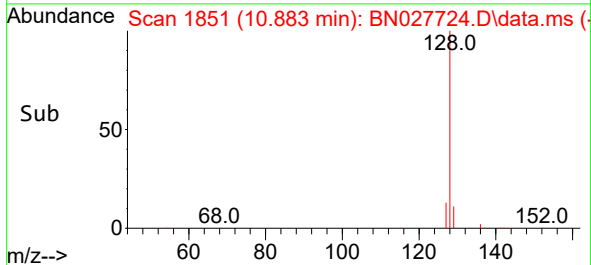
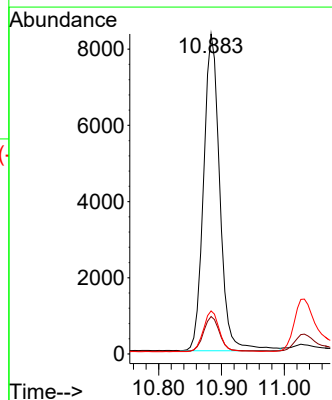
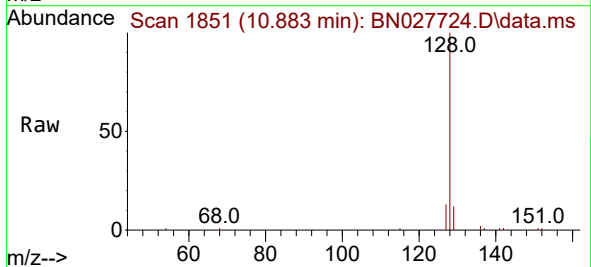
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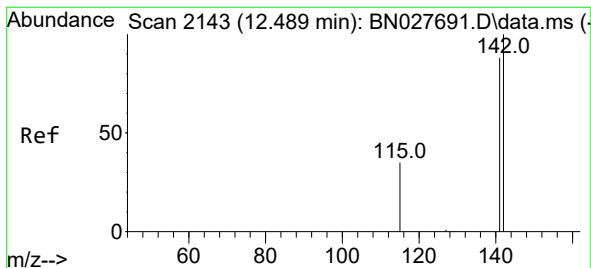
Tgt Ion: 88 Resp: 10809
Ion Ratio Lower Upper
88 100
43 29.2 39.6 59.4#
58 64.6 48.3 72.5



#5
Naphthalene
Concen: 0.387 ng/ul
RT: 10.883 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BN027724.D
Acq: 16 Sep 2023 09:38

Tgt Ion:128 Resp: 14901
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.4 10.7 16.1

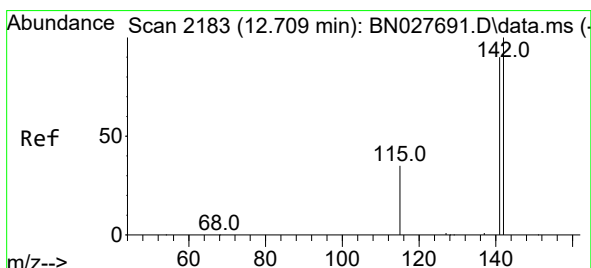
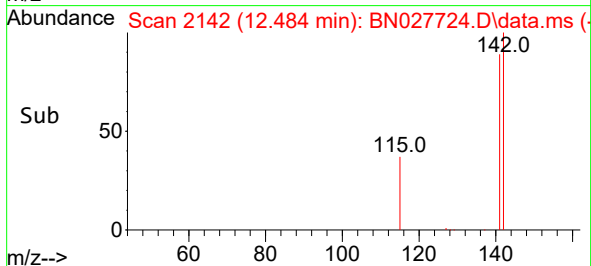
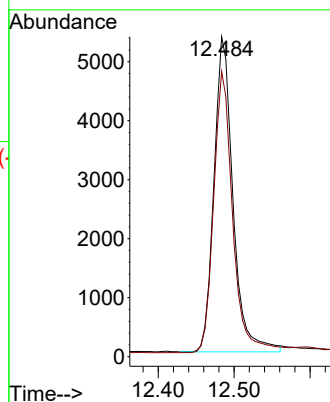
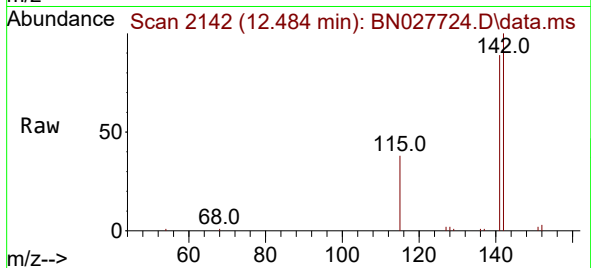




#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.484 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BN027724.D
Acq: 16 Sep 2023 09:38

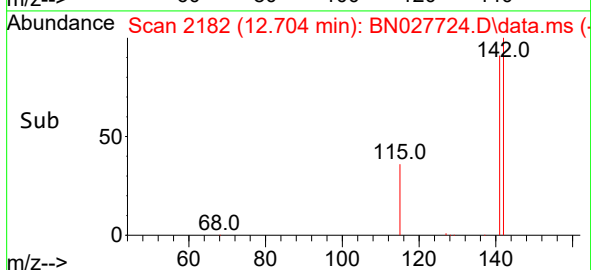
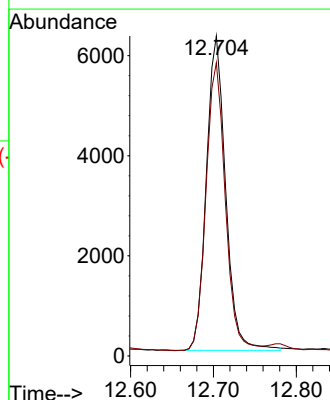
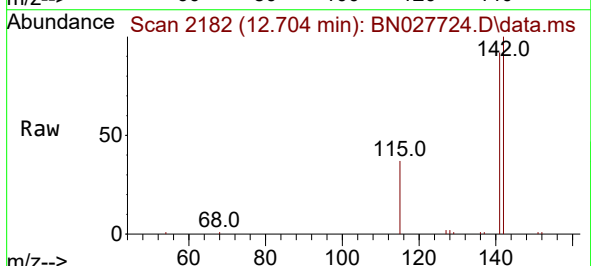
Instrument :
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ClientSampleId :
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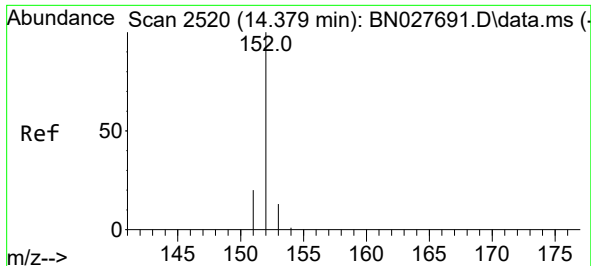
Tgt Ion:142 Resp: 9298
Ion Ratio Lower Upper
142 100
141 89.2 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.704 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BN027724.D
Acq: 16 Sep 2023 09:38

Tgt Ion:142 Resp: 10173
Ion Ratio Lower Upper
142 100
141 91.8 72.8 109.2

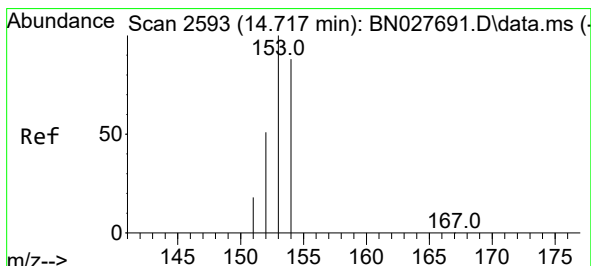
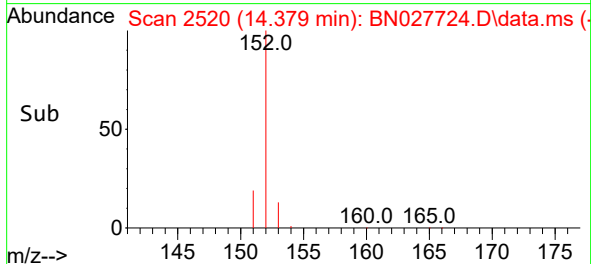
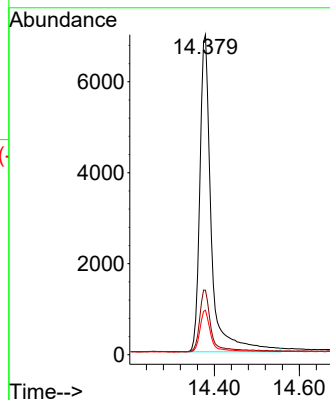
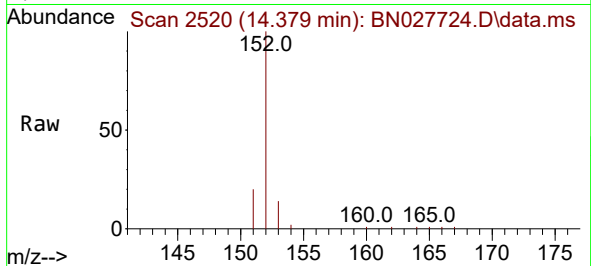




#10
Acenaphthylene
Concen: 0.392 ng/ul
RT: 14.379 min Scan# 2520
Delta R.T. -0.000 min
Lab File: BN027724.D
Acq: 16 Sep 2023 09:38

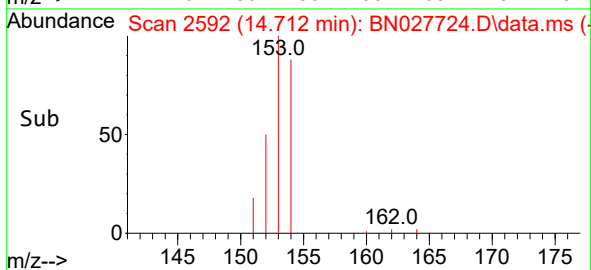
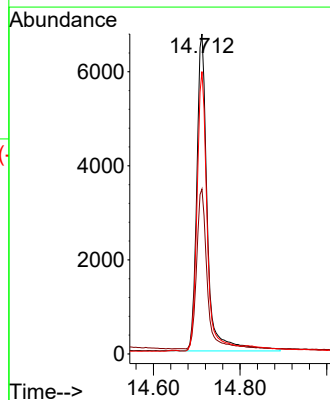
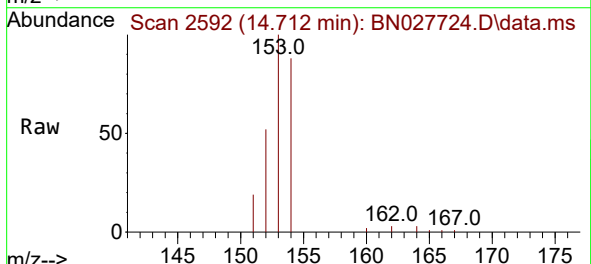
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BNA_N
ClientSampleId :
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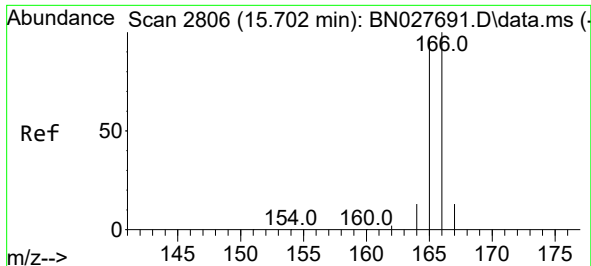
Tgt Ion:152 Resp: 13077
Ion Ratio Lower Upper
152 100
151 20.1 16.6 25.0
153 13.9 11.0 16.6



#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.712 min Scan# 2592
Delta R.T. -0.005 min
Lab File: BN027724.D
Acq: 16 Sep 2023 09:38

Tgt Ion:153 Resp: 11482
Ion Ratio Lower Upper
153 100
152 51.5 41.7 62.5
154 88.3 70.3 105.5

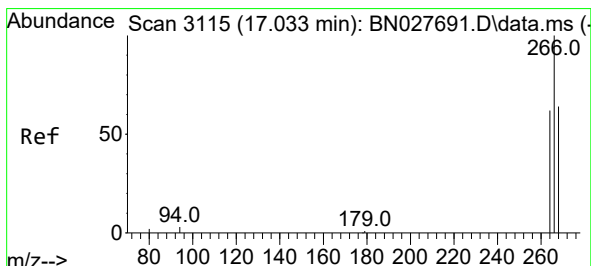
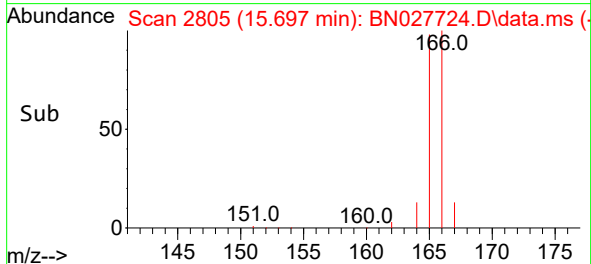
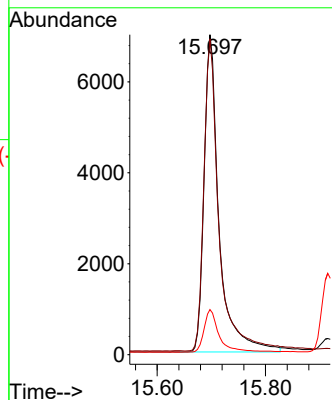
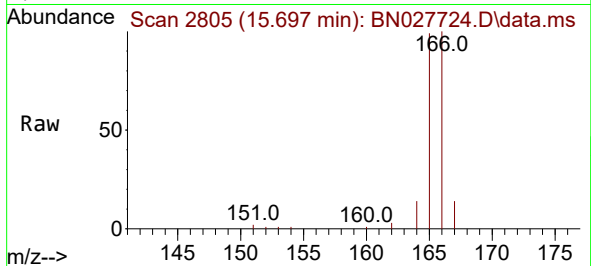




#12
Fluorene
Concen: 0.396 ng/ul
RT: 15.697 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027724.D
Acq: 16 Sep 2023 09:38

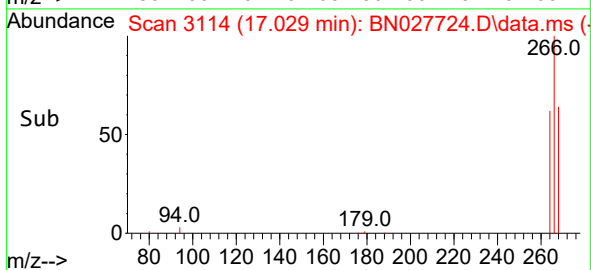
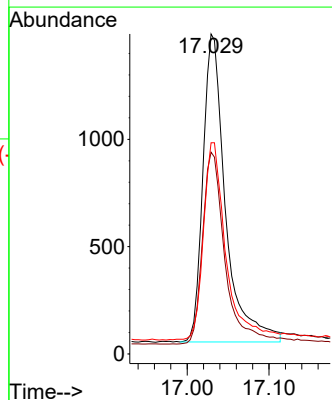
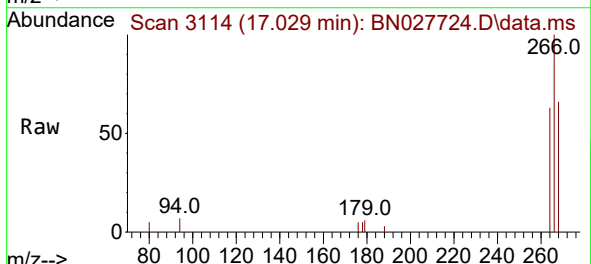
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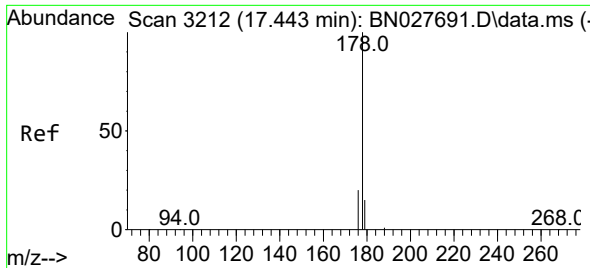
Tgt Ion:166 Resp: 13455
Ion Ratio Lower Upper
166 100
165 98.7 78.0 117.0
167 14.1 11.4 17.2



#14
Pentachlorophenol
Concen: 0.623 ng/ul
RT: 17.029 min Scan# 3114
Delta R.T. -0.004 min
Lab File: BN027724.D
Acq: 16 Sep 2023 09:38

Tgt Ion:266 Resp: 2745
Ion Ratio Lower Upper
266 100
264 62.1 49.6 74.4
268 64.2 50.7 76.1

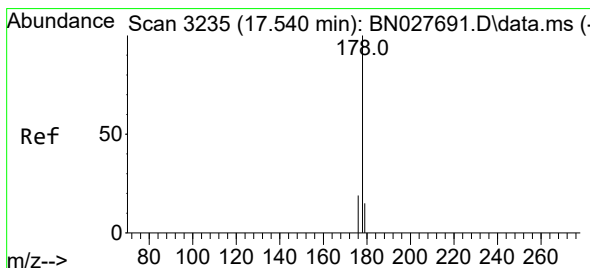
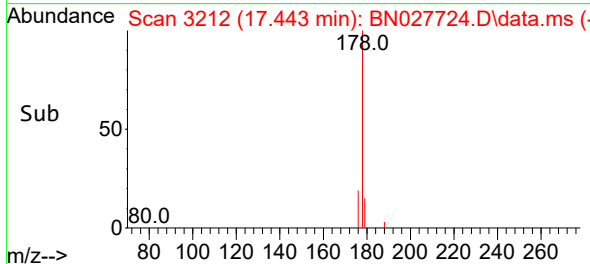
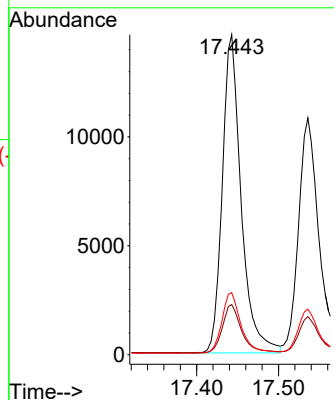
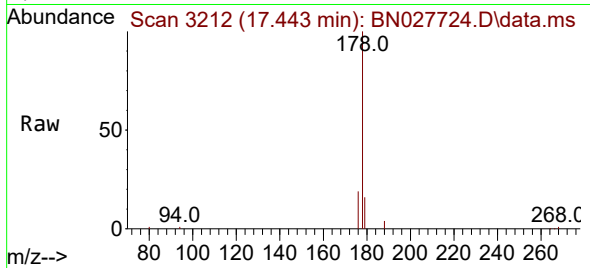




#15
Phenanthrene
Concen: 0.395 ng/ul
RT: 17.443 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027724.D
Acq: 16 Sep 2023 09:38

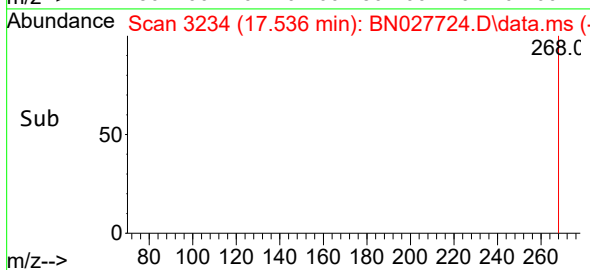
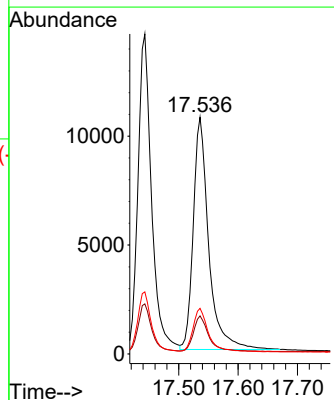
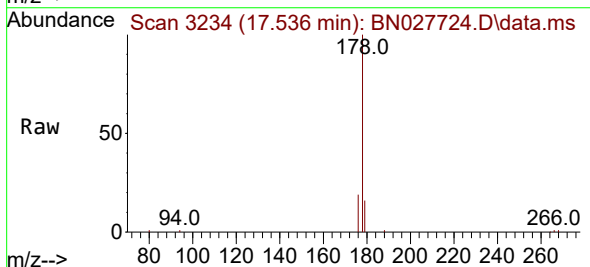
Instrument :
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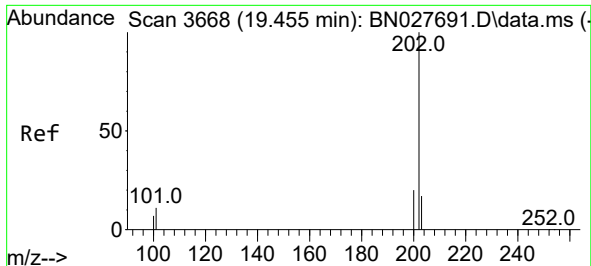
Tgt Ion:178	Resp:	23368
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.4 18.6
176	19.4	16.0 24.0



#16
Anthracene
Concen: 0.388 ng/ul
RT: 17.536 min Scan# 3234
Delta R.T. -0.004 min
Lab File: BN027724.D
Acq: 16 Sep 2023 09:38

Tgt Ion:178	Resp:	19223
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.6 19.0
176	19.3	15.5 23.3

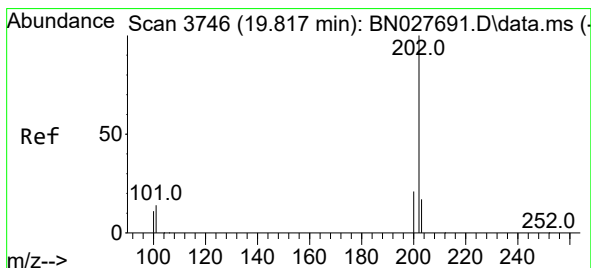
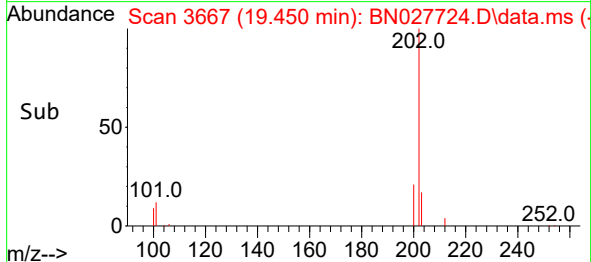
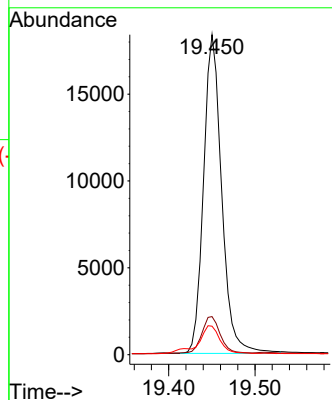
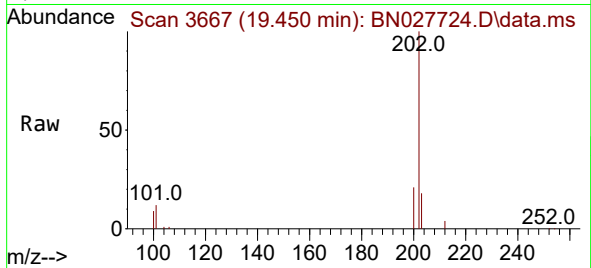




#19
Fluoranthene
Concen: 0.412 ng/ul
RT: 19.450 min Scan# 3668
Delta R.T. -0.005 min
Lab File: BN027724.D
Acq: 16 Sep 2023 09:38

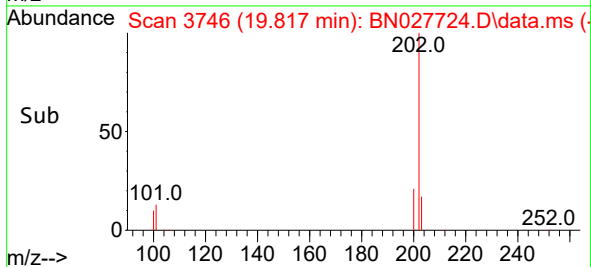
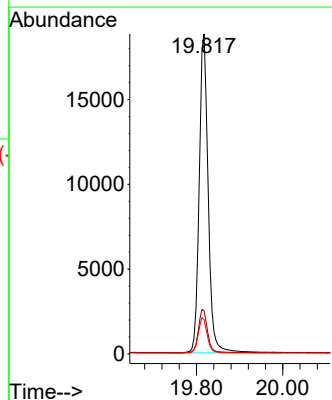
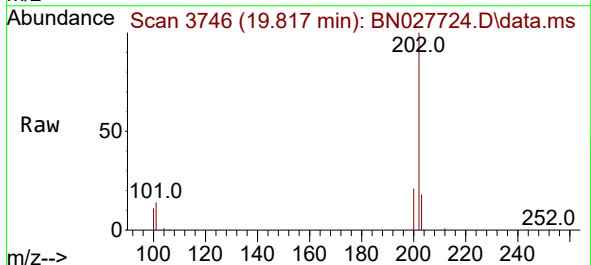
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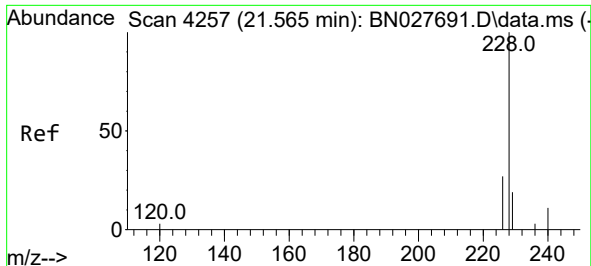
Tgt Ion:202 Resp: 26808
Ion Ratio Lower Upper
202 100
101 11.9 9.3 13.9
100 8.9 7.0 10.4



#20
Pyrene
Concen: 0.405 ng/ul
RT: 19.817 min Scan# 3746
Delta R.T. -0.000 min
Lab File: BN027724.D
Acq: 16 Sep 2023 09:38

Tgt Ion:202 Resp: 27174
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 10.7 9.1 13.7

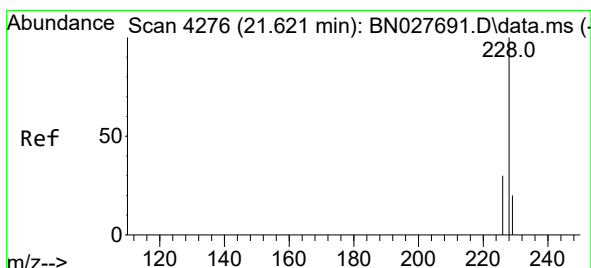
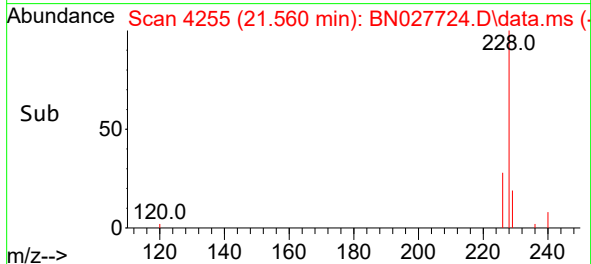
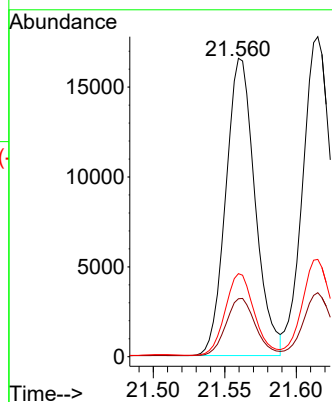
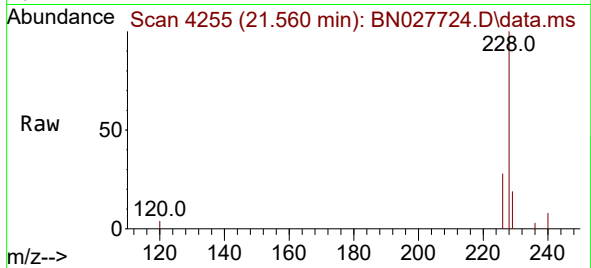




#21
Benzo(a)anthracene
Concen: 0.378 ng/ul
RT: 21.560 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN027724.D
Acq: 16 Sep 2023 09:38

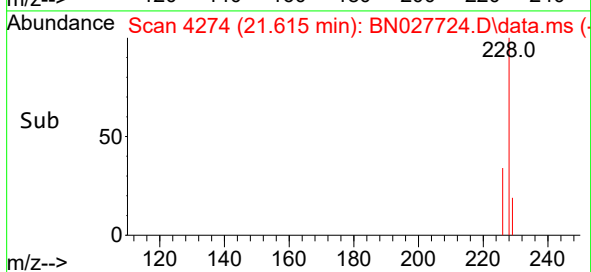
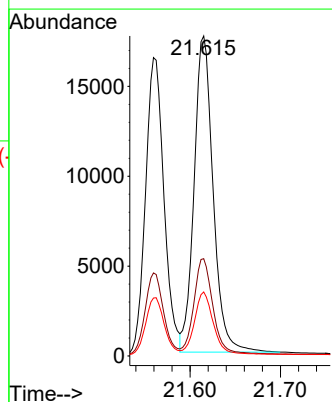
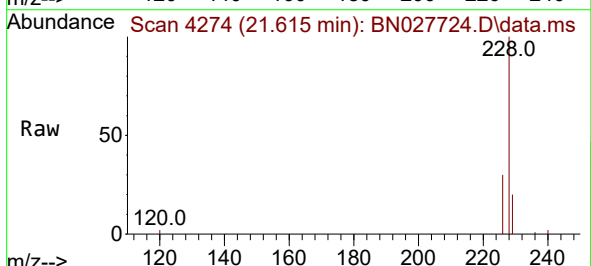
Instrument :
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SLCS419

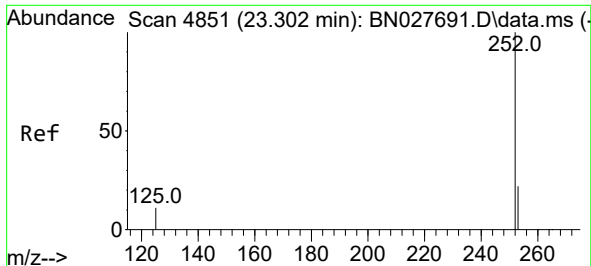
Tgt Ion:228 Resp: 23553
Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.8
226 27.8 22.0 33.0



#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.615 min Scan# 4274
Delta R.T. -0.006 min
Lab File: BN027724.D
Acq: 16 Sep 2023 09:38

Tgt Ion:228 Resp: 25770
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 20.0 16.0 24.0

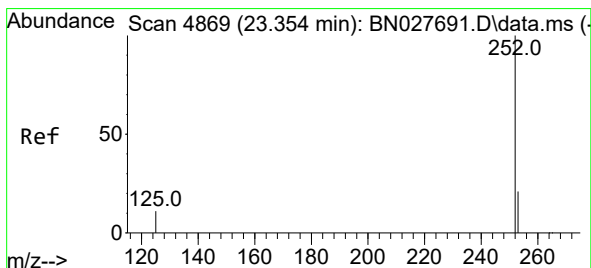
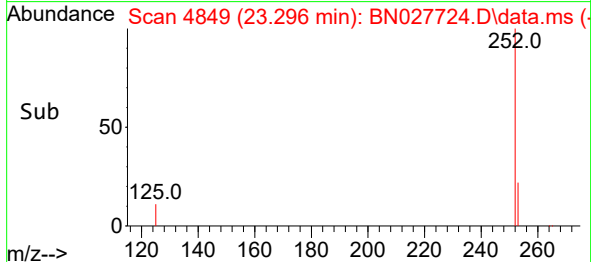
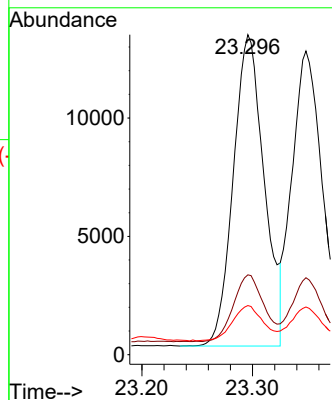
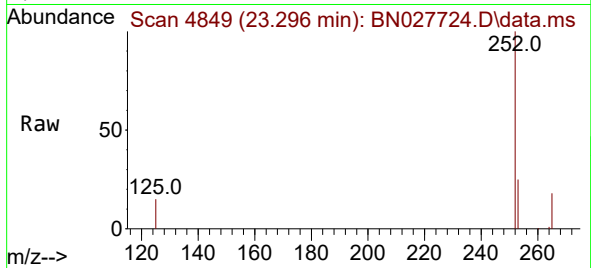




#24
Benzo(b)fluoranthene
Concen: 0.400 ng/ul
RT: 23.296 min Scan# 4849
Delta R.T. -0.006 min
Lab File: BN027724.D
Acq: 16 Sep 2023 09:38

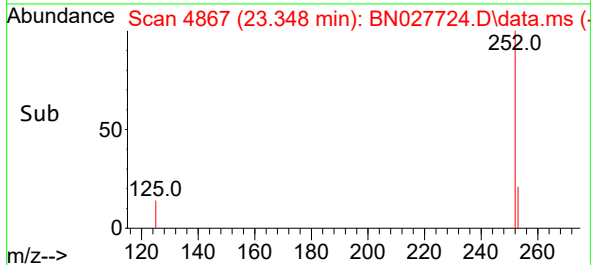
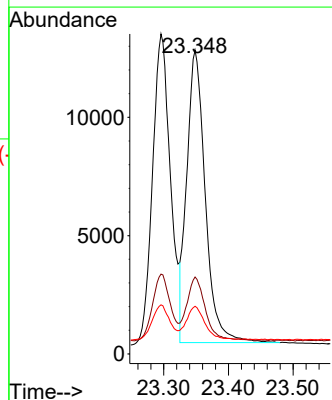
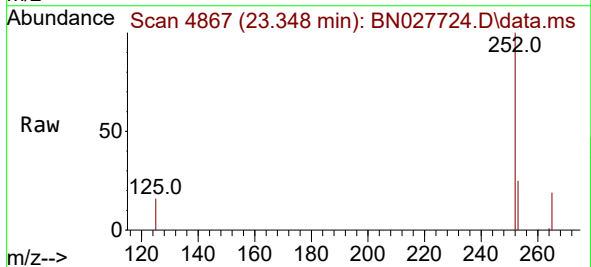
Instrument :
BNA_N
ClientSampleId :
SLCS419

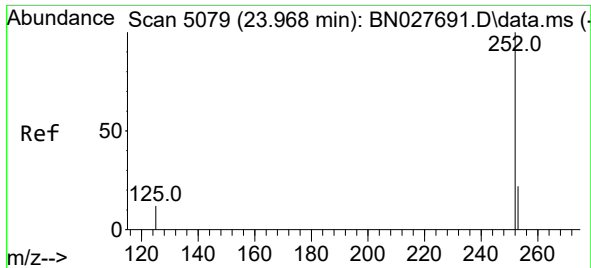
Tgt Ion:252 Resp: 25547
Ion Ratio Lower Upper
252 100
253 25.0 0.0 50.2
125 15.4 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 23.348 min Scan# 4867
Delta R.T. -0.006 min
Lab File: BN027724.D
Acq: 16 Sep 2023 09:38

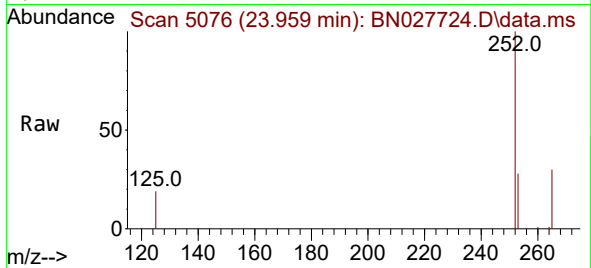
Tgt Ion:252 Resp: 24510
Ion Ratio Lower Upper
252 100
253 25.3 19.9 29.9
125 15.7 12.6 19.0



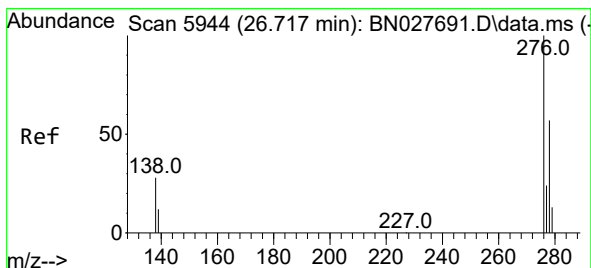
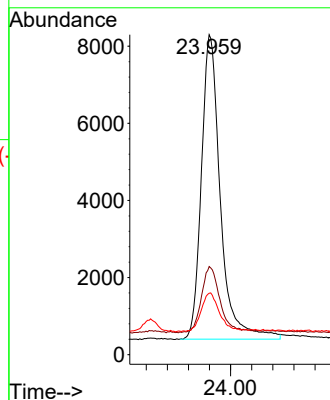
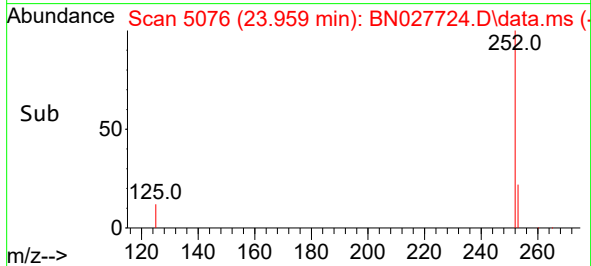


#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.959 min Scan# 5079
Delta R.T. -0.009 min
Lab File: BN027724.D
Acq: 16 Sep 2023 09:38

Instrument :
BNA_N
ClientSampleId :
SLCS419

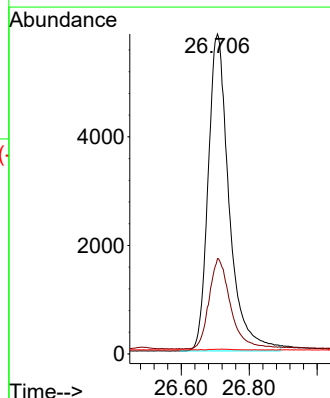
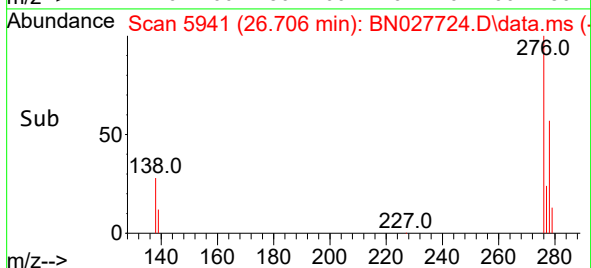
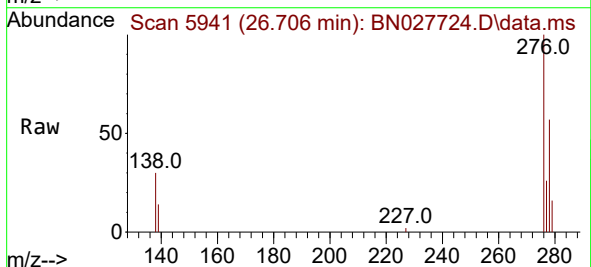


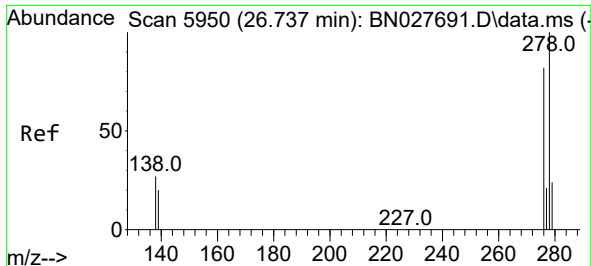
Tgt Ion:252 Resp: 19718
Ion Ratio Lower Upper
252 100
253 27.6 21.9 32.9
125 19.2 15.5 23.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 26.706 min Scan# 5941
Delta R.T. -0.010 min
Lab File: BN027724.D
Acq: 16 Sep 2023 09:38

Tgt Ion:276 Resp: 25018
Ion Ratio Lower Upper
276 100
138 29.3 24.3 36.5
227 0.1 0.0 0.0#

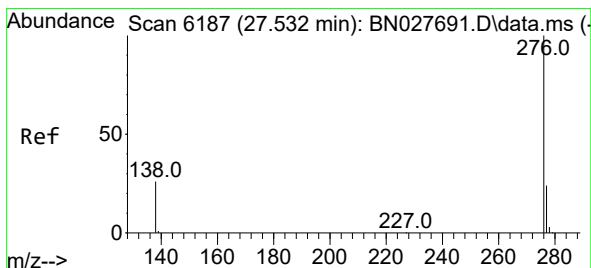
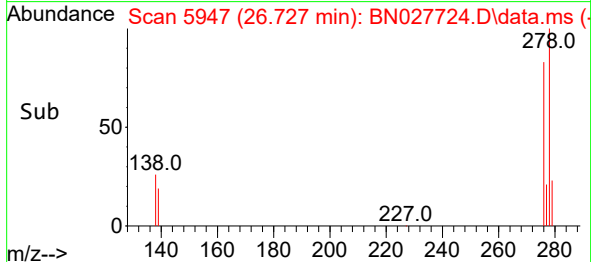
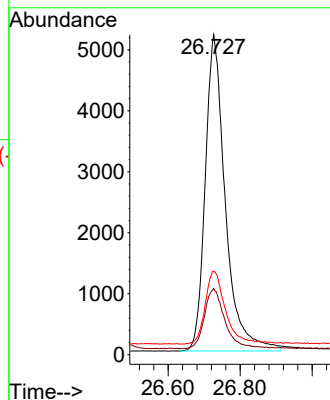
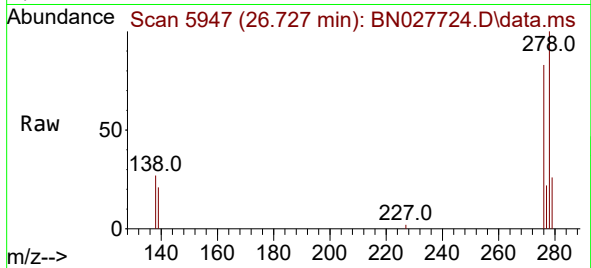




#28
 Dibenzo(a,h)anthracene
 Concen: 0.380 ng/ul
 RT: 26.727 min Scan# 5947
 Delta R.T. -0.010 min
 Lab File: BN027724.D
 Acq: 16 Sep 2023 09:38

Instrument :
 BNA_N
 ClientSampleId :
 SLCS419

Tgt Ion:278 Resp: 20119
 Ion Ratio Lower Upper
 278 100
 139 20.7 17.2 25.8
 279 26.1 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.386 ng/ul
 RT: 27.525 min Scan# 6185
 Delta R.T. -0.007 min
 Lab File: BN027724.D
 Acq: 16 Sep 2023 09:38

Tgt Ion:276 Resp: 21573
 Ion Ratio Lower Upper
 276 100
 138 26.7 21.7 32.5
 277 25.0 20.2 30.2

