

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060923\
 Data File : BN025774.D
 Acq On : 09 Jun 2023 13:31
 Operator : MA/JU
 Sample : SST0.804
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8219

Quant Time: Jun 10 01:45:10 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 01:44:09 2023
 Response via : Initial Calibration

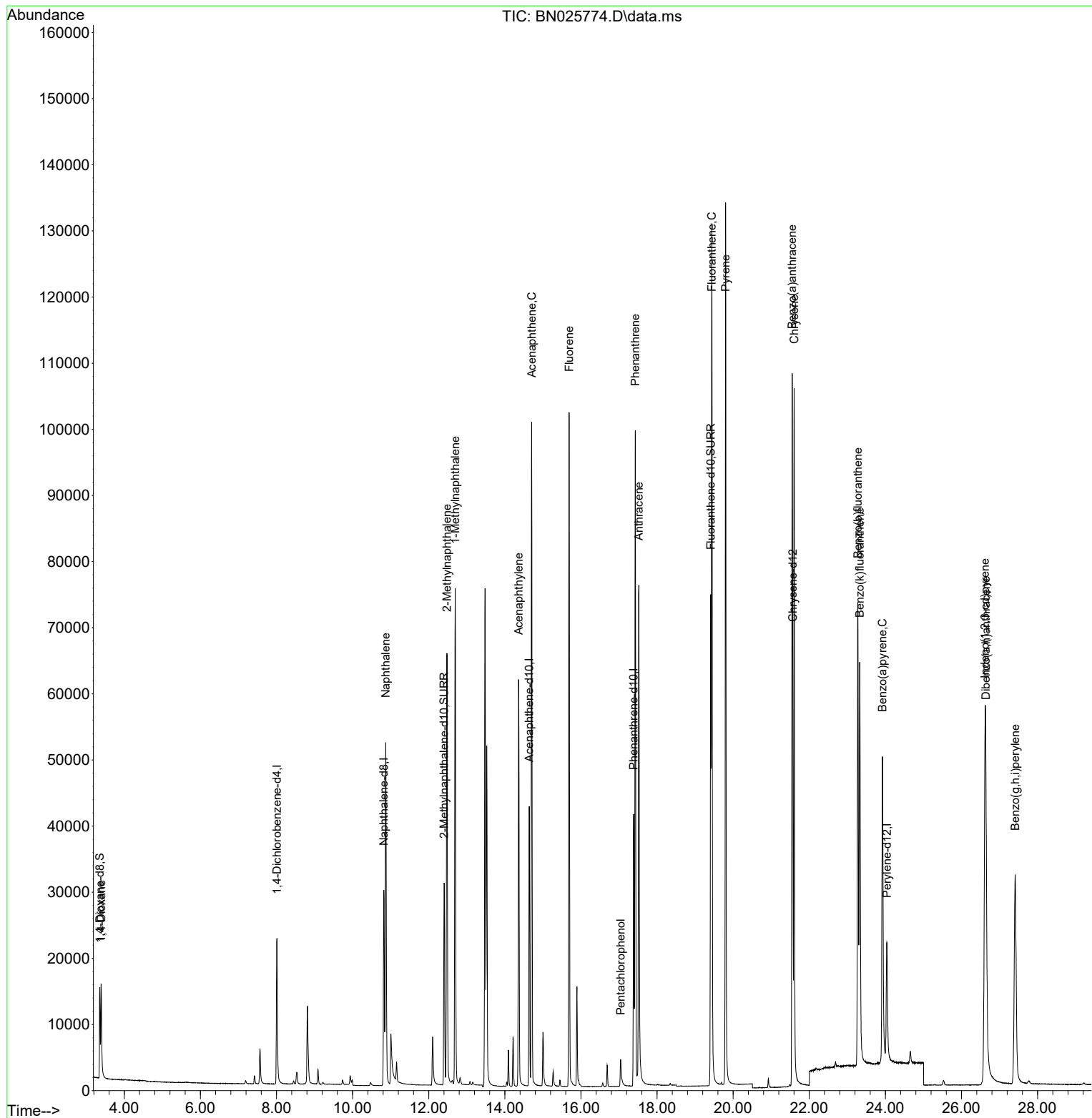
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	13654	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	40890	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	23972	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	47915	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	35379	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	29272	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	9814	0.731	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	41192	0.794	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	79587	0.713	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.394	88	10453	0.728	ng/ul	97
5) Naphthalene	10.869	128	77797	0.748	ng/ul	99
7) 2-Methylnaphthalene	12.480	142	50064	0.800	ng/ul	100
8) 1-Methylnaphthalene	12.695	142	52669	0.765	ng/ul	100
10) Acenaphthylene	14.363	152	72607	0.766	ng/ul	100
11) Acenaphthene	14.705	153	59136	0.748	ng/ul	98
12) Fluorene	15.691	166	67411	0.766	ng/ul	98
14) Pentachlorophenol	17.044	266	4276	0.829	ng/ul	96
15) Phenanthrene	17.428	178	106504	0.762	ng/ul	99
16) Anthracene	17.521	178	94843	0.804	ng/ul	99
19) Fluoranthene	19.439	202	116785	0.721	ng/ul	100
20) Pyrene	19.801	202	117647	0.702	ng/ul	100
21) Benzo(a)anthracene	21.550	228	90220	0.800	ng/ul	99
22) Chrysene	21.603	228	95963	0.744	ng/ul	100
24) Benzo(b)fluoranthene	23.275	252	93827	0.784	ng/ul	94
25) Benzo(k)fluoranthene	23.324	252	92744	0.772	ng/ul	91
26) Benzo(a)pyrene	23.924	252	78894	0.777	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.619	276	92568	0.800	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.639	278	71313	0.814	ng/ul#	92
29) Benzo(g,h,i)perylene	27.410	276	78324	0.754	ng/ul	98

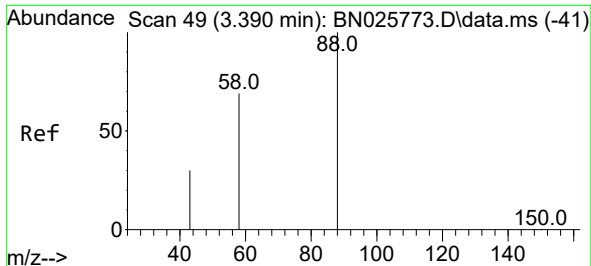
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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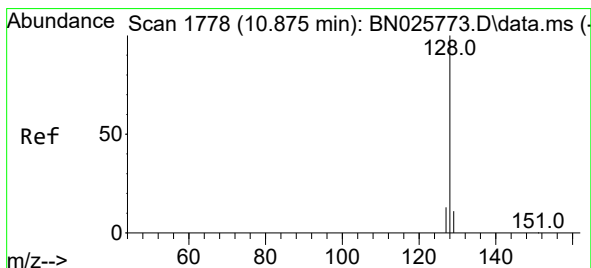
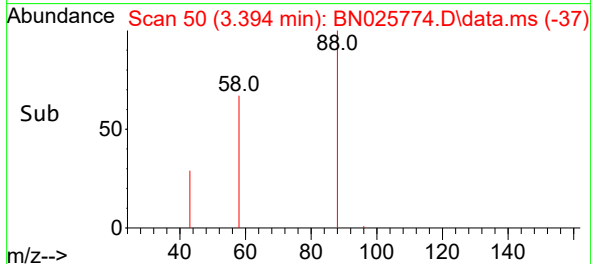
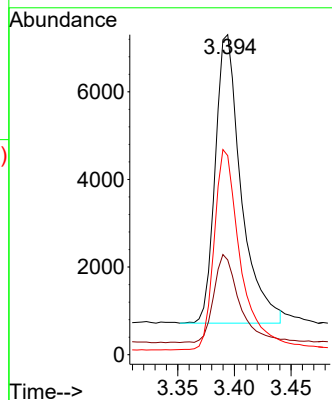
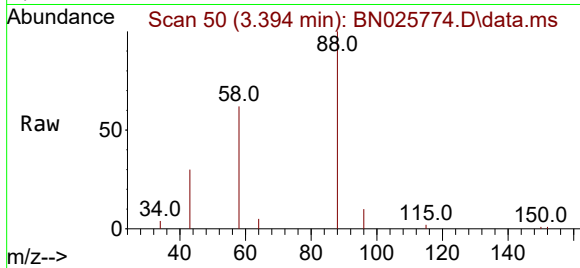




#2
1,4-Dioxane
Concen: 0.728 ng/ul
RT: 3.394 min Scan# 50
Delta R.T. 0.004 min
Lab File: BN025774.D
Acq: 09 Jun 2023 13:31

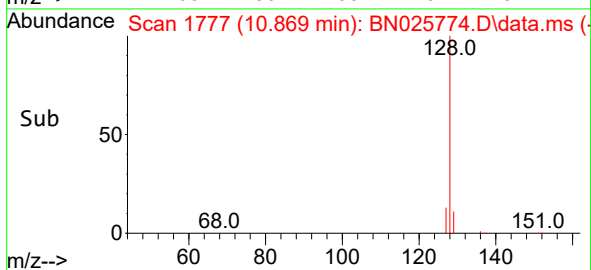
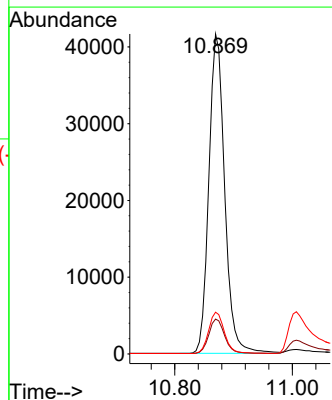
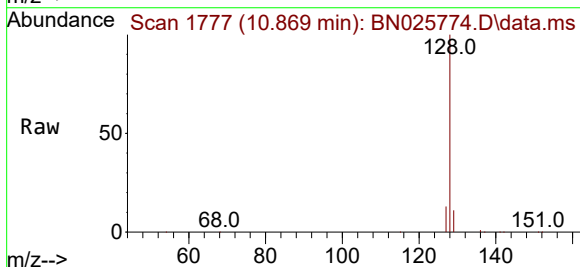
Instrument :
BNA_N
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SSTD0.8219

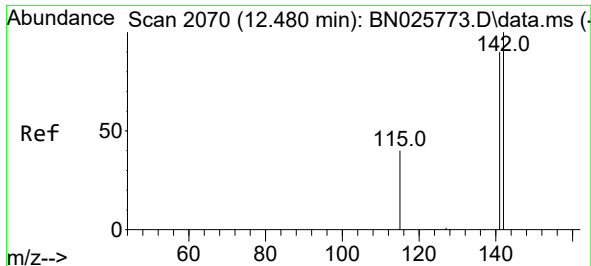
Tgt Ion: 88 Resp: 10453
Ion Ratio Lower Upper
88 100
43 29.6 26.5 39.7
58 62.2 49.0 73.6



#5
Naphthalene
Concen: 0.748 ng/ul
RT: 10.869 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BN025774.D
Acq: 09 Jun 2023 13:31

Tgt Ion: 128 Resp: 77797
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.1 10.5 15.7

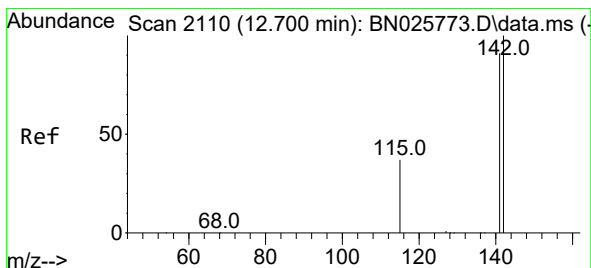
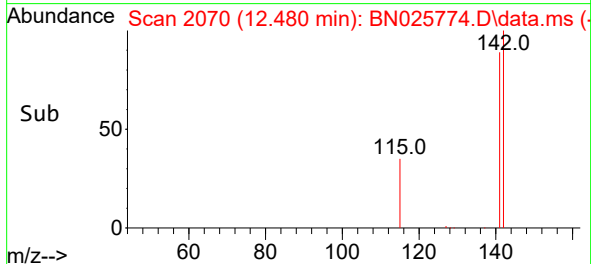
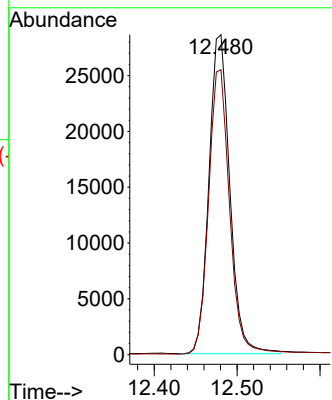
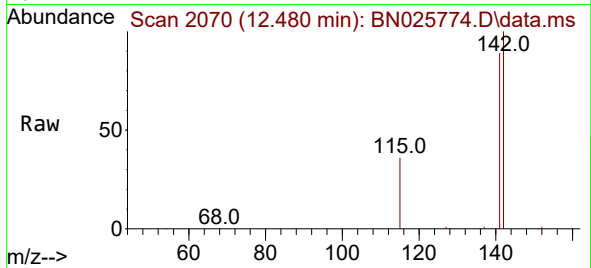




#7
2-Methylnaphthalene
Concen: 0.800 ng/ul
RT: 12.480 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BN025774.D
Acq: 09 Jun 2023 13:31

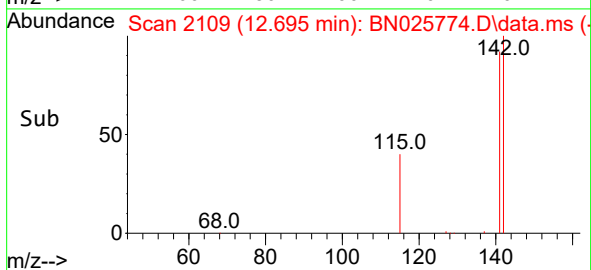
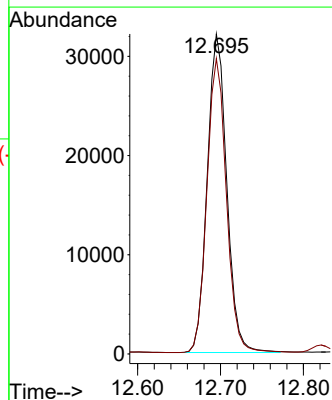
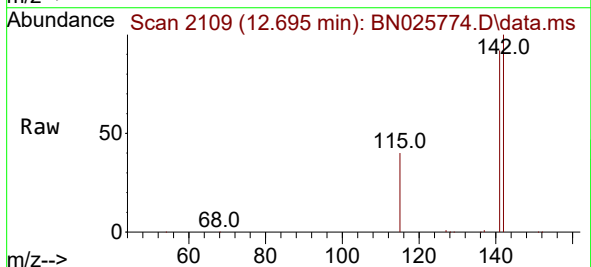
Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

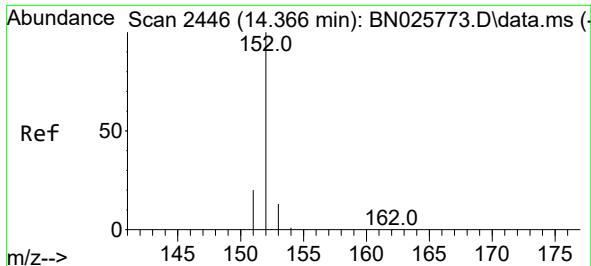
Tgt Ion:142 Resp: 50064
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.765 ng/ul
RT: 12.695 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BN025774.D
Acq: 09 Jun 2023 13:31

Tgt Ion:142 Resp: 52669
Ion Ratio Lower Upper
142 100
141 92.2 74.0 111.0

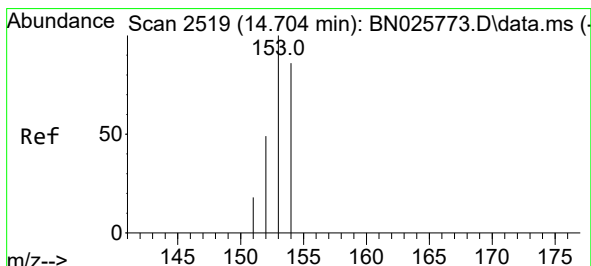
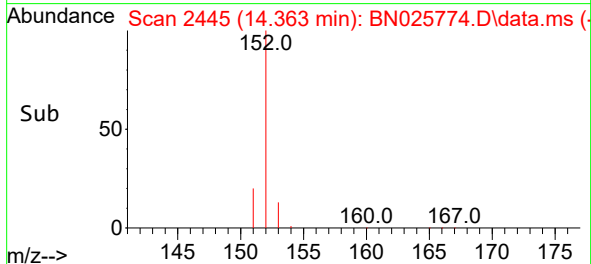
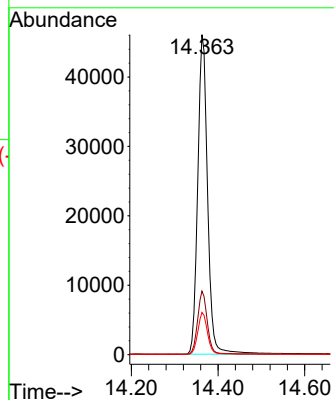
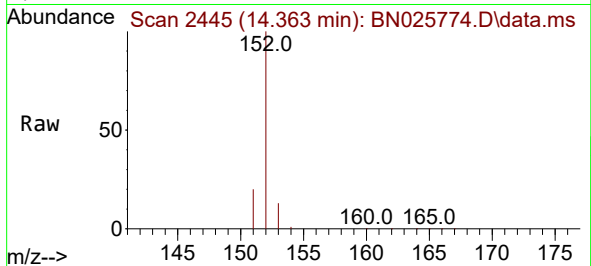




#10
Acenaphthylene
Concen: 0.766 ng/ul
RT: 14.363 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BN025774.D
Acq: 09 Jun 2023 13:31

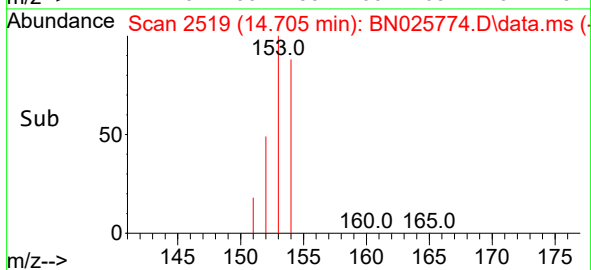
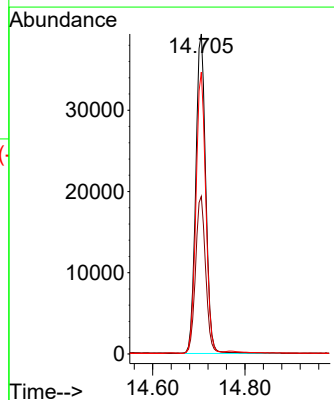
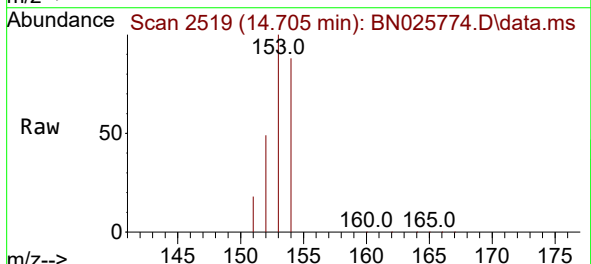
Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

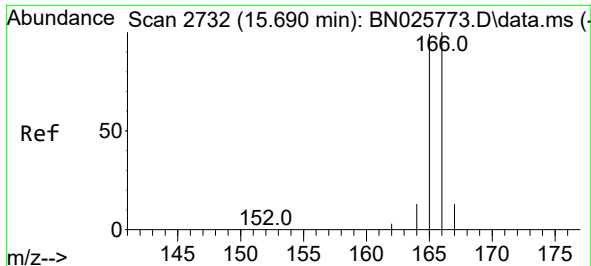
Tgt Ion:152 Resp: 72607
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.2 10.7 16.1



#11
Acenaphthene
Concen: 0.748 ng/ul
RT: 14.705 min Scan# 2519
Delta R.T. 0.001 min
Lab File: BN025774.D
Acq: 09 Jun 2023 13:31

Tgt Ion:153 Resp: 59136
Ion Ratio Lower Upper
153 100
152 49.3 39.5 59.3
154 88.1 68.8 103.2

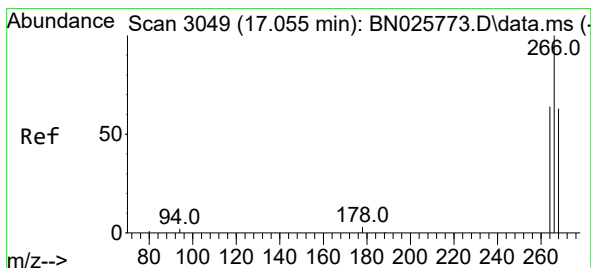
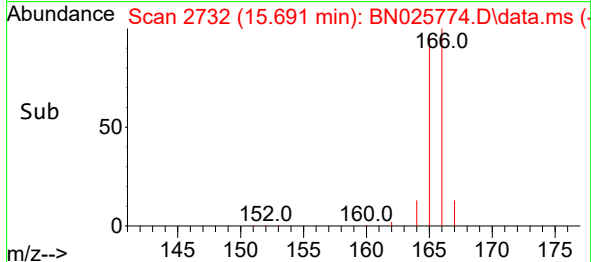
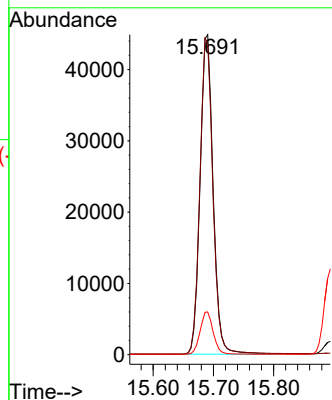
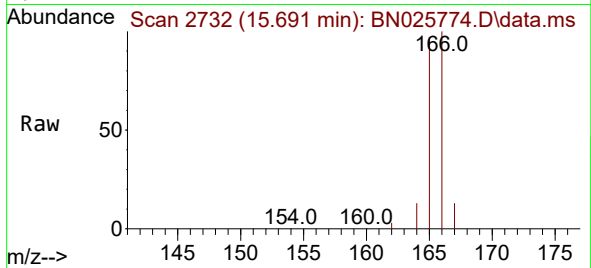




#12
Fluorene
Concen: 0.766 ng/ul
RT: 15.691 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN025774.D
Acq: 09 Jun 2023 13:31

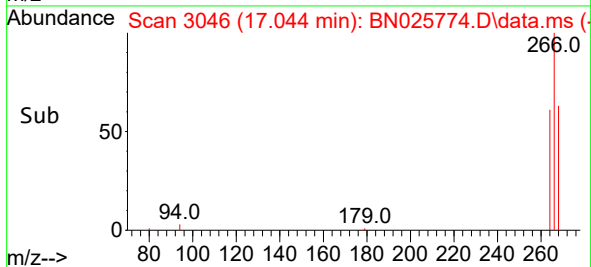
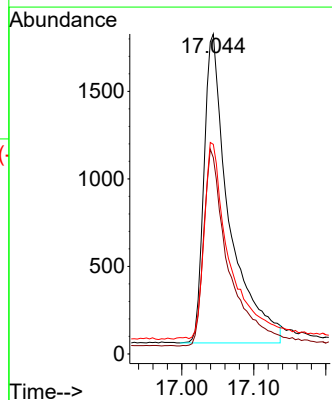
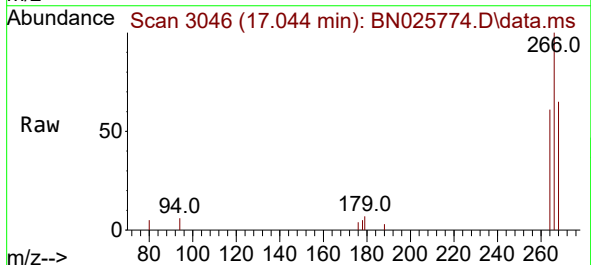
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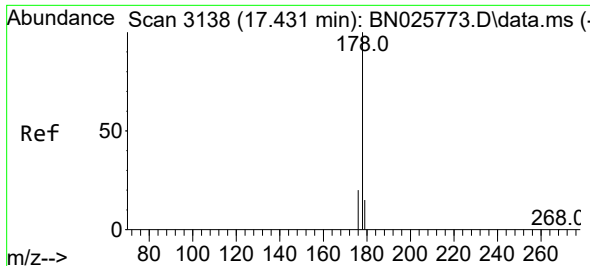
Tgt Ion:166 Resp: 67411
Ion Ratio Lower Upper
166 100
165 97.4 79.2 118.8
167 13.3 11.0 16.6



#14
Pentachlorophenol
Concen: 0.829 ng/ul
RT: 17.044 min Scan# 3046
Delta R.T. -0.012 min
Lab File: BN025774.D
Acq: 09 Jun 2023 13:31

Tgt Ion:266 Resp: 4276
Ion Ratio Lower Upper
266 100
264 62.9 48.2 72.4
268 63.9 48.2 72.4

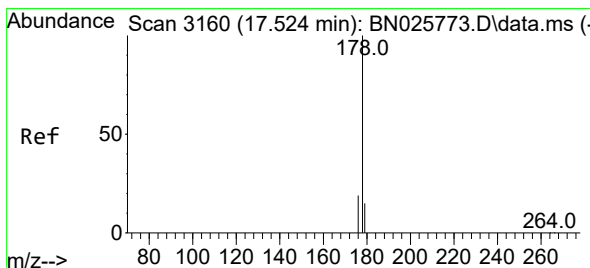
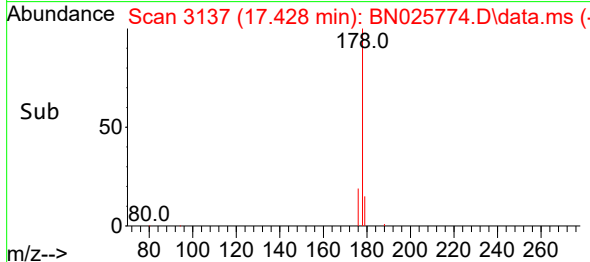
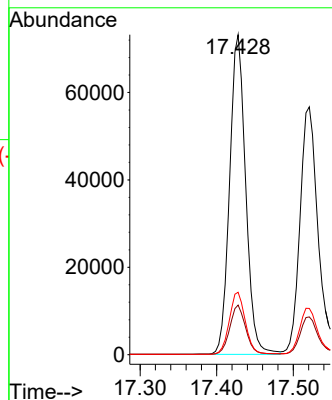
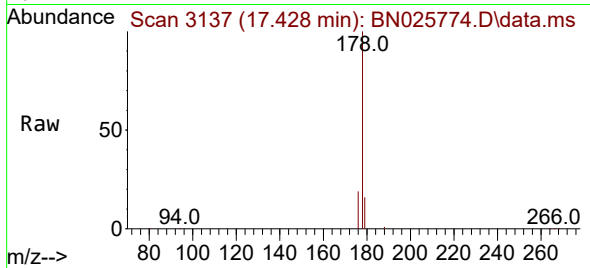




#15
Phenanthrene
Concen: 0.762 ng/ul
RT: 17.428 min Scan# 3137
Delta R.T. -0.003 min
Lab File: BN025774.D
Acq: 09 Jun 2023 13:31

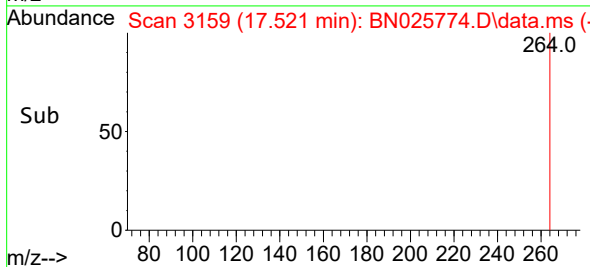
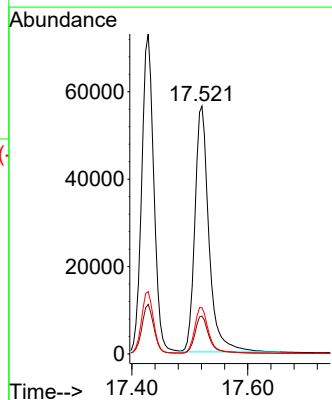
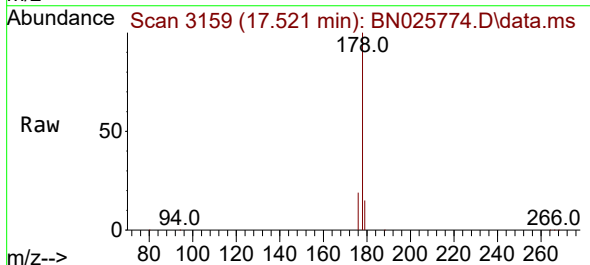
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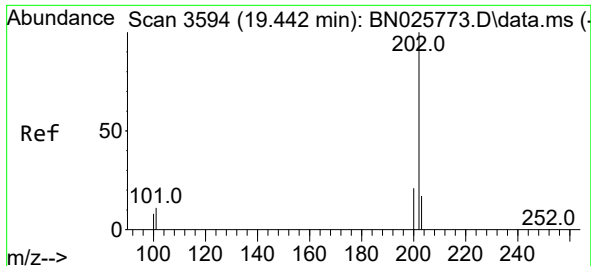
Tgt Ion:178 Resp: 106504
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.5 15.8 23.8



#16
Anthracene
Concen: 0.804 ng/ul
RT: 17.521 min Scan# 3159
Delta R.T. -0.003 min
Lab File: BN025774.D
Acq: 09 Jun 2023 13:31

Tgt Ion:178 Resp: 94843
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 18.7 15.4 23.2





#19

Fluoranthene

Concen: 0.721 ng/ul

RT: 19.439 min Scan# 3593

Delta R.T. -0.003 min

Lab File: BN025774.D

Acq: 09 Jun 2023 13:31

Instrument :

BNA_N

ClientSampleId :

SSTD0.8219

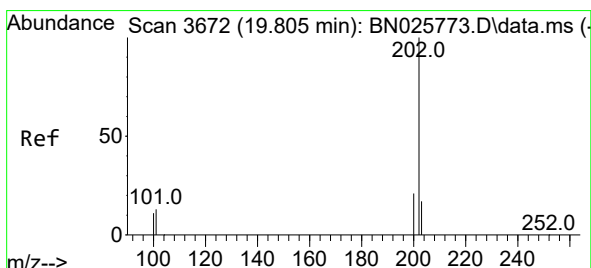
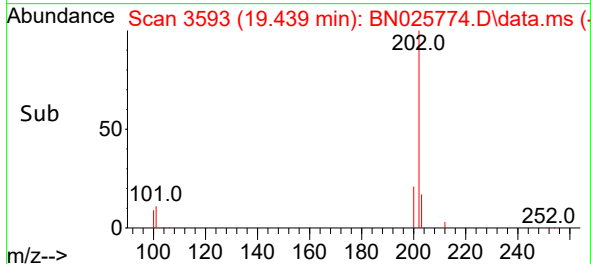
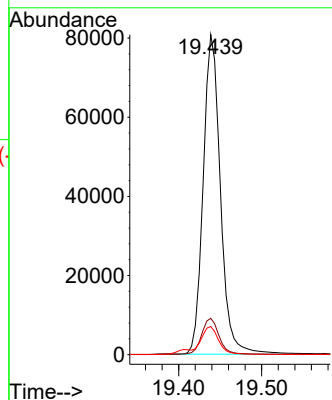
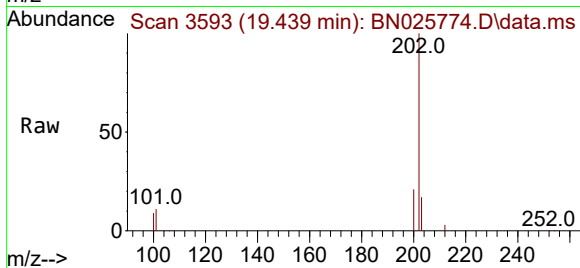
Tgt Ion:202 Resp: 116785

Ion Ratio Lower Upper

202 100

101 11.3 9.1 13.7

100 8.8 7.0 10.6



#20

Pyrene

Concen: 0.702 ng/ul

RT: 19.801 min Scan# 3671

Delta R.T. -0.004 min

Lab File: BN025774.D

Acq: 09 Jun 2023 13:31

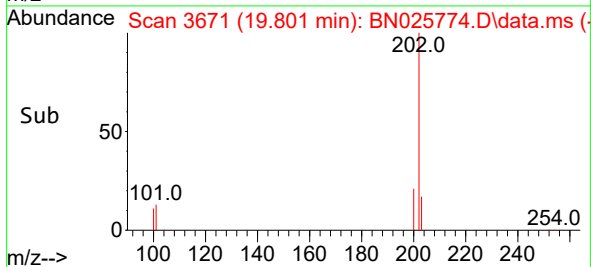
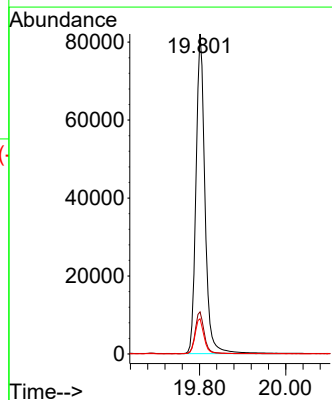
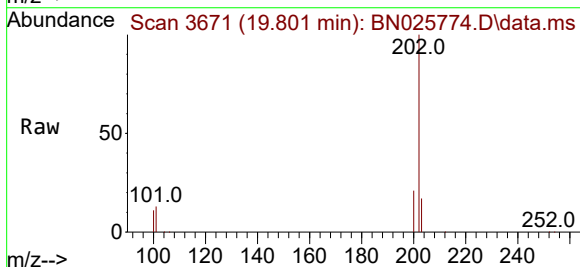
Tgt Ion:202 Resp: 117647

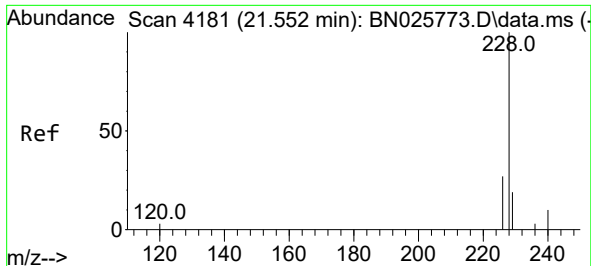
Ion Ratio Lower Upper

202 100

101 13.1 10.4 15.6

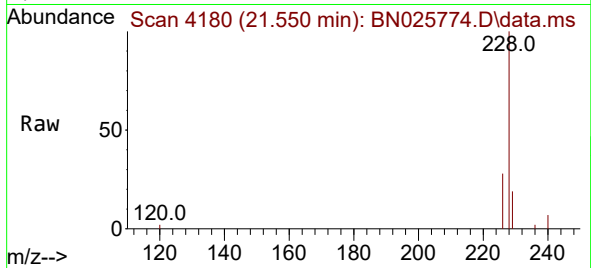
100 11.0 8.8 13.2



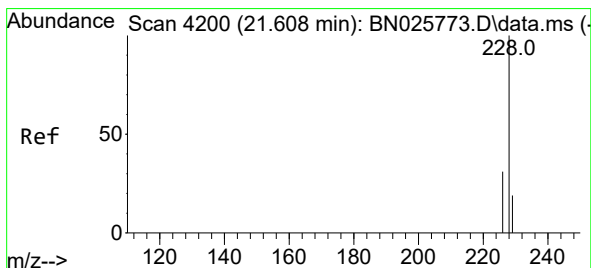
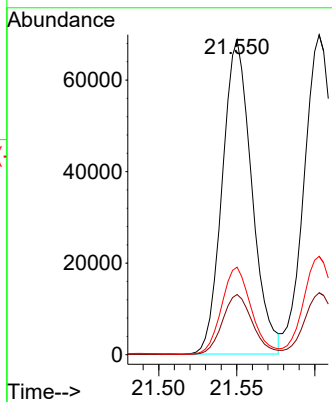
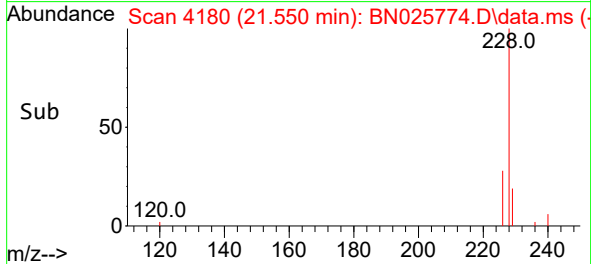


#21
Benzo(a)anthracene
Concen: 0.800 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. -0.002 min
Lab File: BN025774.D
Acq: 09 Jun 2023 13:31

Instrument :
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ClientSampleId :
SSTD0.8219

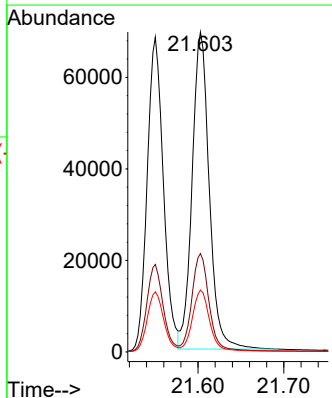
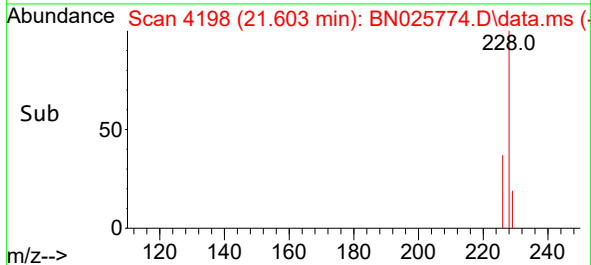
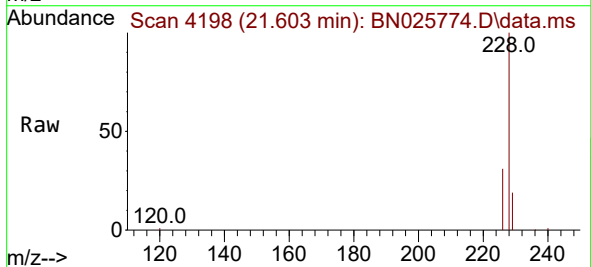


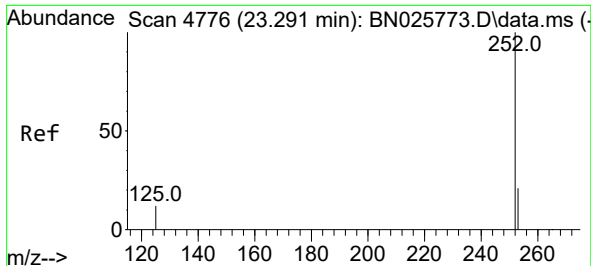
Tgt Ion:228 Resp: 90220
Ion Ratio Lower Upper
228 100
229 19.1 15.5 23.3
226 27.8 22.0 33.0



#22
Chrysene
Concen: 0.744 ng/ul
RT: 21.603 min Scan# 4198
Delta R.T. -0.005 min
Lab File: BN025774.D
Acq: 09 Jun 2023 13:31

Tgt Ion:228 Resp: 95963
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 19.4 15.7 23.5

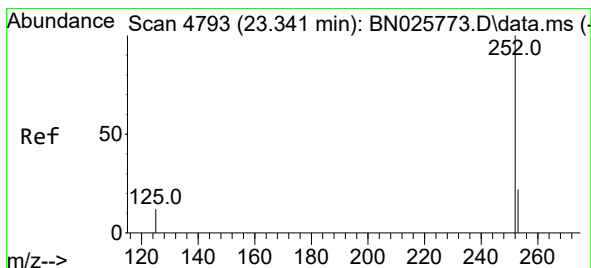
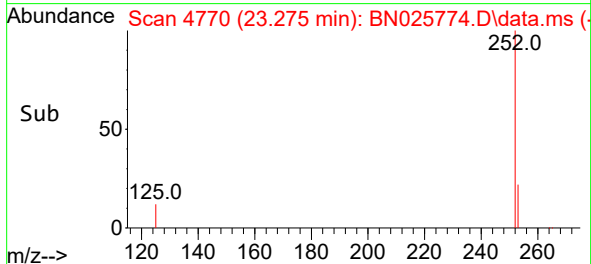
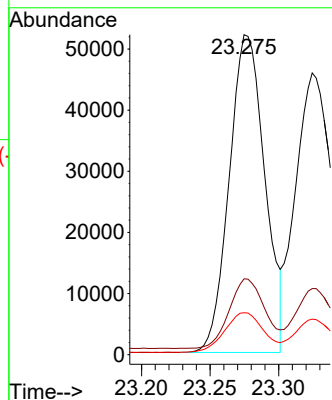
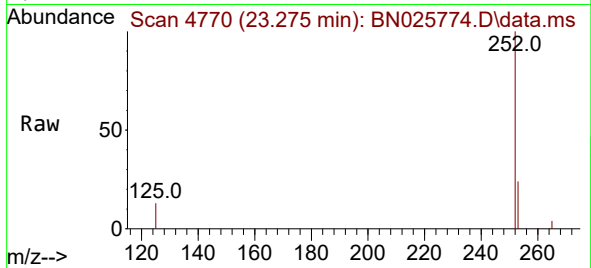




#24
Benzo(b)fluoranthene
Concen: 0.784 ng/ul
RT: 23.275 min Scan# 4776
Delta R.T. -0.016 min
Lab File: BN025774.D
Acq: 09 Jun 2023 13:31

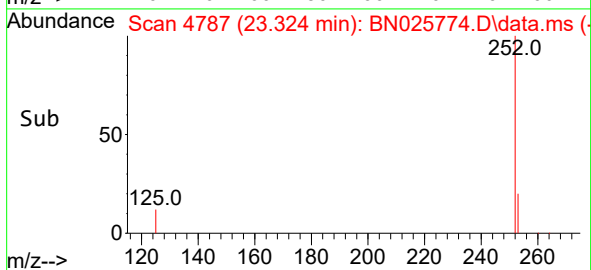
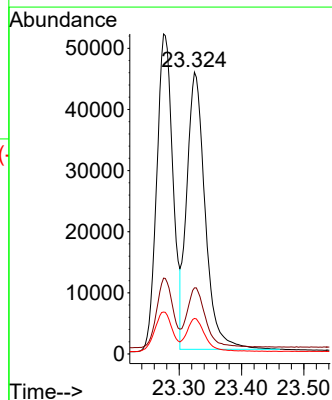
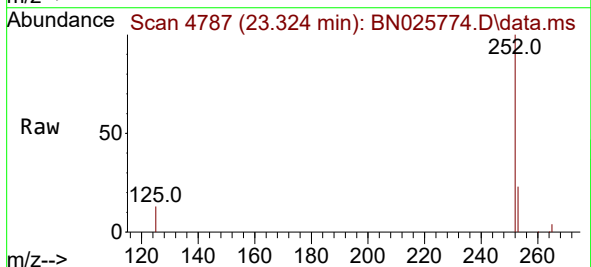
Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

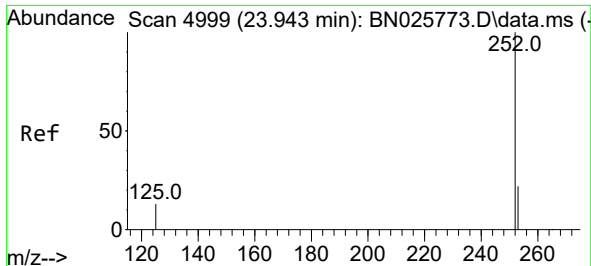
Tgt Ion:252 Resp: 93827
Ion Ratio Lower Upper
252 100
253 23.7 0.0 56.0
125 13.1 0.0 28.0



#25
Benzo(k)fluoranthene
Concen: 0.772 ng/ul
RT: 23.324 min Scan# 4787
Delta R.T. -0.017 min
Lab File: BN025774.D
Acq: 09 Jun 2023 13:31

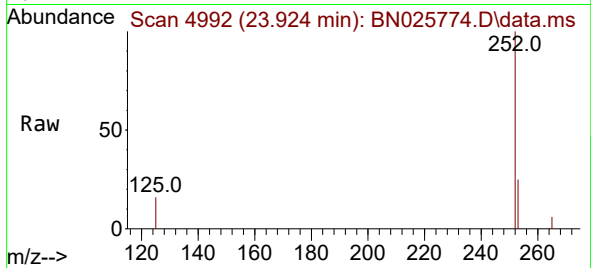
Tgt Ion:252 Resp: 92744
Ion Ratio Lower Upper
252 100
253 23.5 23.3 34.9
125 12.6 11.6 17.4



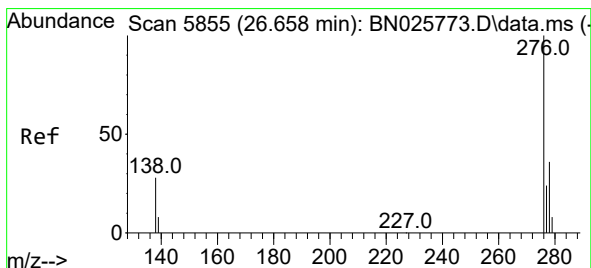
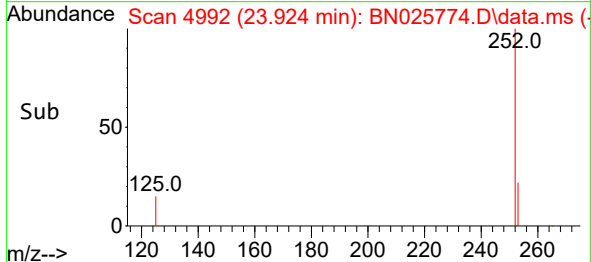
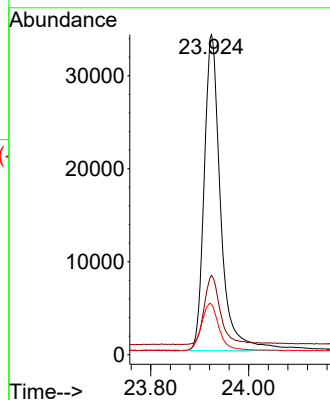


#26
Benzo(a)pyrene
Concen: 0.777 ng/ul
RT: 23.924 min Scan# 4992
Delta R.T. -0.019 min
Lab File: BN025774.D
Acq: 09 Jun 2023 13:31

Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

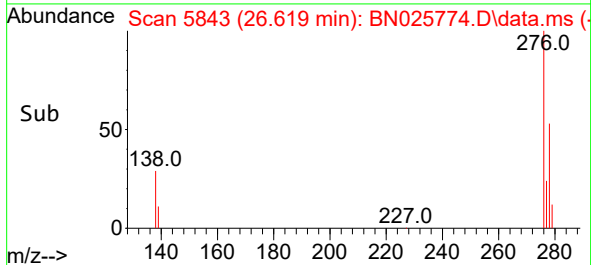
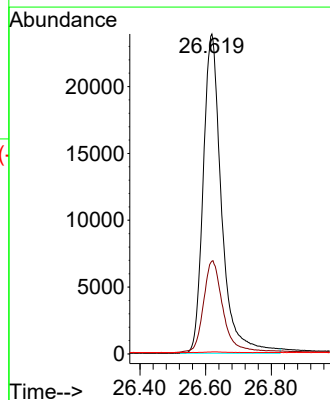
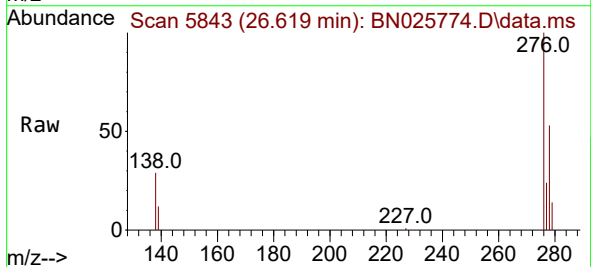


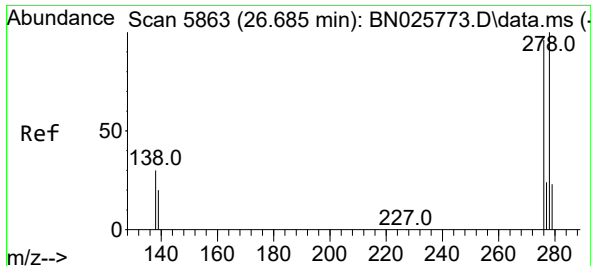
Tgt Ion:252 Resp: 78894
Ion Ratio Lower Upper
252 100
253 24.7 25.8 38.8#
125 15.7 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.800 ng/ul
RT: 26.619 min Scan# 5843
Delta R.T. -0.039 min
Lab File: BN025774.D
Acq: 09 Jun 2023 13:31

Tgt Ion:276 Resp: 92568
Ion Ratio Lower Upper
276 100
138 31.2 24.6 36.8
227 0.2 0.0 0.0#

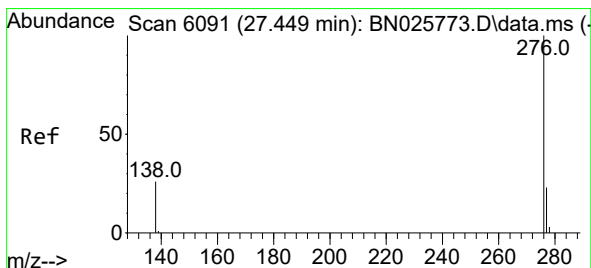
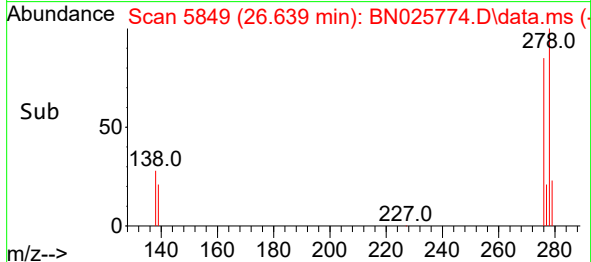
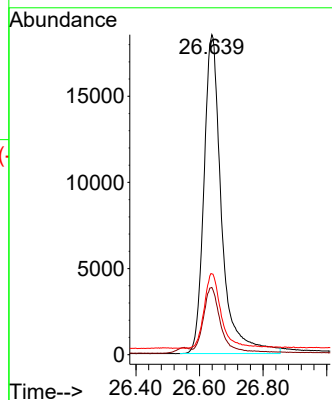
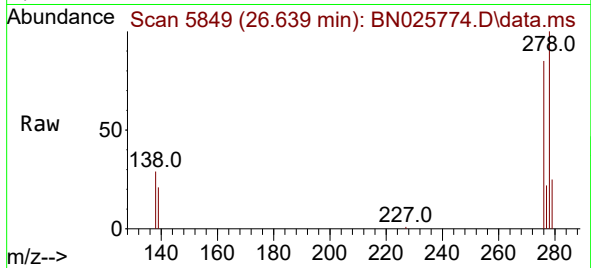




#28
Dibenzo(a,h)anthracene
Concen: 0.814 ng/ul
RT: 26.639 min Scan# 5849
Delta R.T. -0.046 min
Lab File: BN025774.D
Acq: 09 Jun 2023 13:31

Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

Tgt Ion:278 Resp: 71313
Ion Ratio Lower Upper
278 100
139 21.0 17.9 26.9
279 25.2 25.3 37.9#



#29
Benzo(g,h,i)perylene
Concen: 0.754 ng/ul
RT: 27.410 min Scan# 6079
Delta R.T. -0.039 min
Lab File: BN025774.D
Acq: 09 Jun 2023 13:31

Tgt Ion:276 Resp: 78324
Ion Ratio Lower Upper
276 100
138 25.9 21.8 32.8
277 23.3 19.4 29.2

