

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042623\
 Data File : BN025142.D
 Acq On : 26 Apr 2023 12:43
 Operator : CG/JU
 Sample : 02296-13MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBL6MSD

Quant Time: Apr 27 00:13:14 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 26 15:32:47 2023
 Response via : Initial Calibration

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

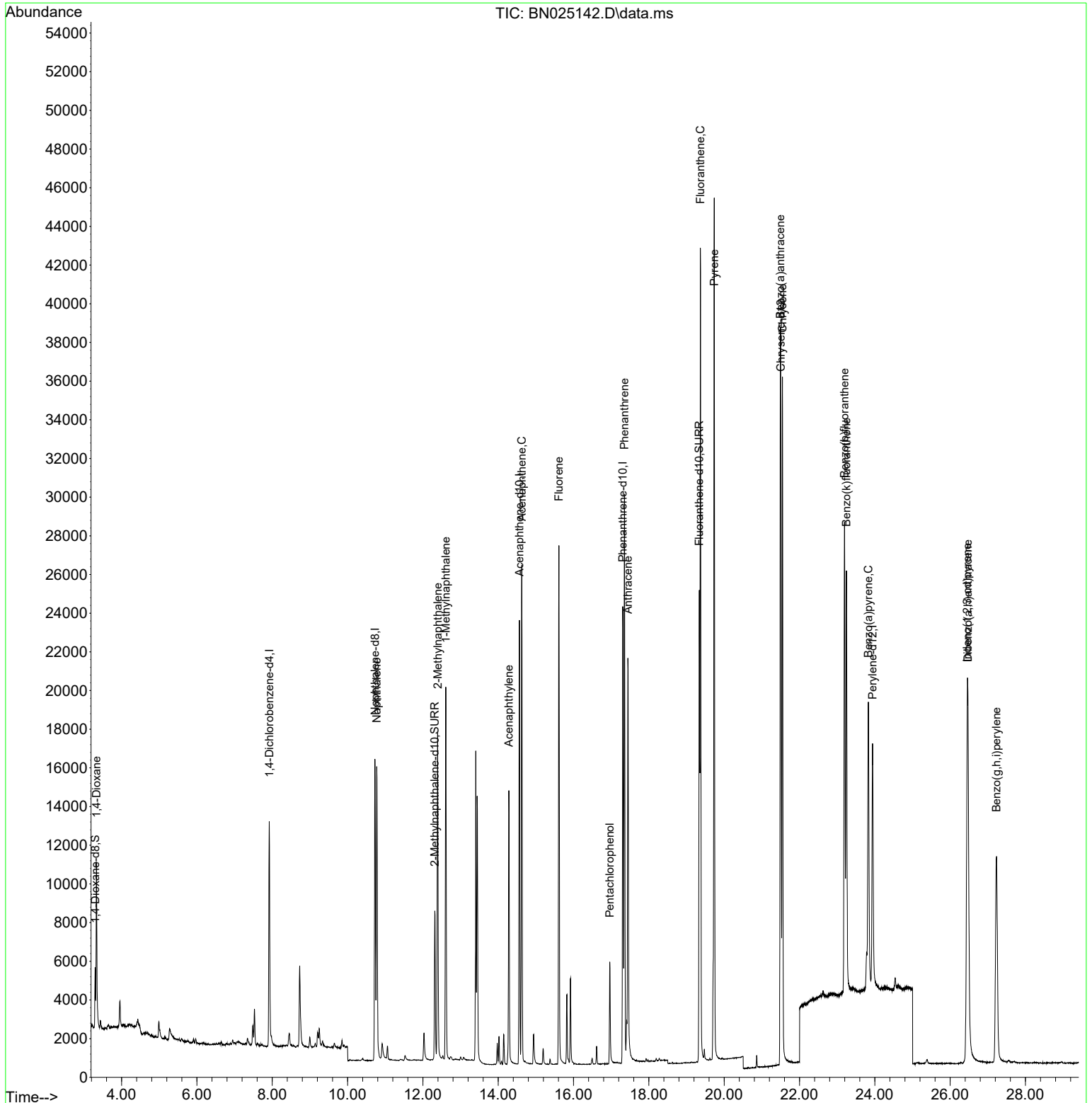
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	6766	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	21439	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	12406	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	28008	0.400	ng/ul	0.00
17) Chrysene-d12	21.505	240	22087	0.400	ng/ul	0.00
23) Perylene-d12	23.940	264	18602	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	1917	0.274	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	10373	0.377	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	26873	0.461	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	5347	0.709	ng/ul	88
5) Naphthalene	10.776	128	21596	0.393	ng/ul	100
7) 2-Methylnaphthalene	12.392	142	12750	0.379	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	13552	0.378	ng/ul	100
10) Acenaphthylene	14.283	152	17035	0.369	ng/ul	99
11) Acenaphthene	14.626	153	15104	0.388	ng/ul	100
12) Fluorene	15.611	166	17319	0.398	ng/ul	98
14) Pentachlorophenol	16.963	266	3779	0.687	ng/ul	100
15) Phenanthrene	17.351	178	31160	0.394	ng/ul	100
16) Anthracene	17.444	178	24902	0.385	ng/ul	100
19) Fluoranthene	19.368	202	36566	0.458	ng/ul	98
20) Pyrene	19.735	202	37363	0.455	ng/ul	99
21) Benzo(a)anthracene	21.491	228	30251	0.455	ng/ul	100
22) Chrysene	21.546	228	33256	0.458	ng/ul	100
24) Benzo(b)fluoranthene	23.195	252	32892	0.436	ng/ul	99
25) Benzo(k)fluoranthene	23.245	252	31193	0.430	ng/ul	99
26) Benzo(a)pyrene	23.829	252	24925	0.399	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.453	276	30406	0.423	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.474	278	24324	0.433	ng/ul	99
29) Benzo(g,h,i)perylene	27.232	276	25840	0.422	ng/ul	100

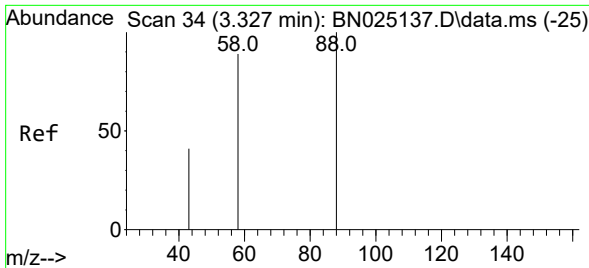
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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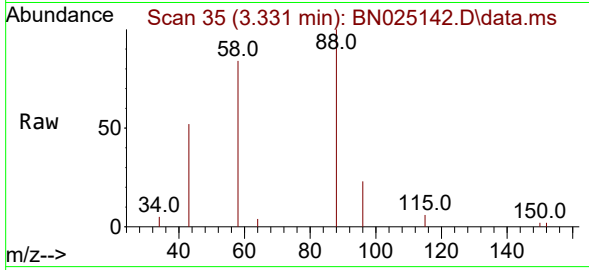
Quant Time: Apr 27 00:13:14 2023
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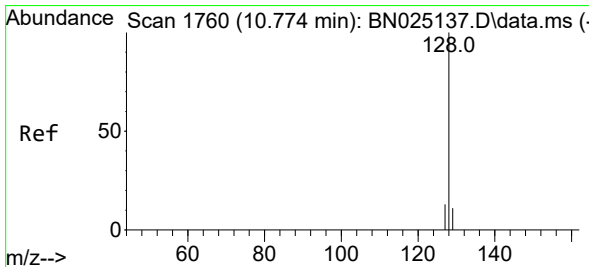
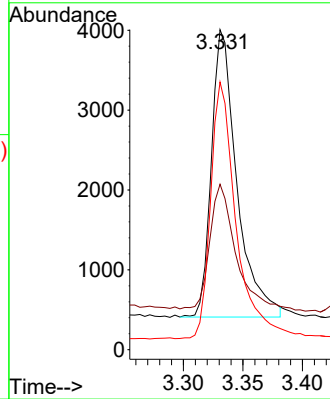
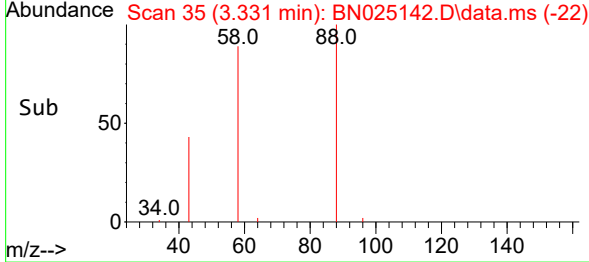
#2
 1,4-Dioxane
 Concen: 0.709 ng/u1
 RT: 3.331 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

Instrument :
 BNA_N
 ClientSampleId :
 DCBL6MSD

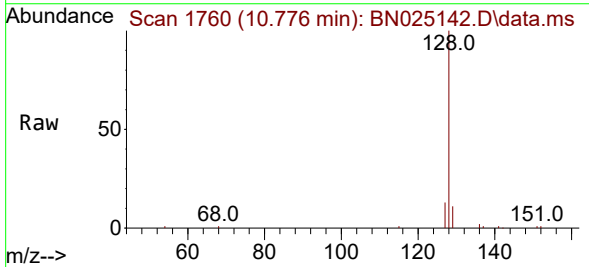


Tgt Ion: 88 Resp: 5347

Ion	Ratio	Lower	Upper
88	100		
43	51.7	37.0	55.4
58	83.7	56.9	85.3

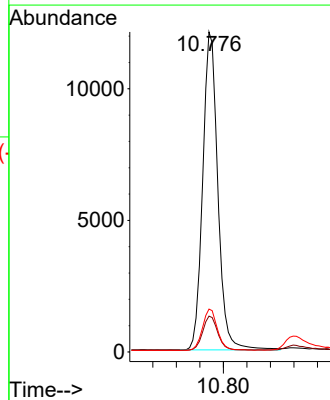
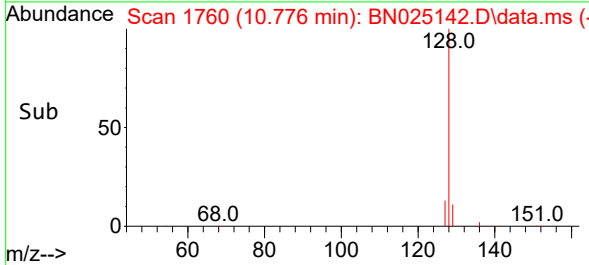


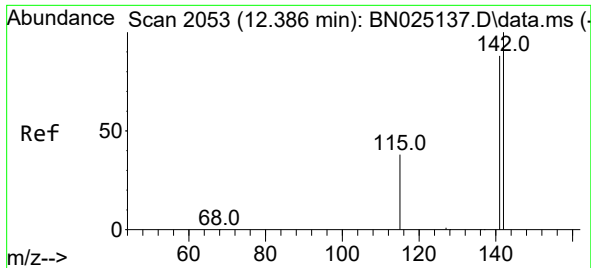
#5
 Naphthalene
 Concen: 0.393 ng/u1
 RT: 10.776 min Scan# 1760
 Delta R.T. 0.001 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43



Tgt Ion: 128 Resp: 21596

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.4	10.7	16.1

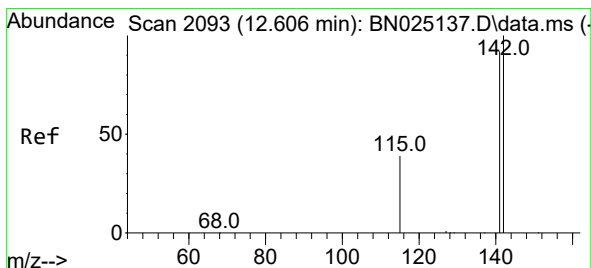
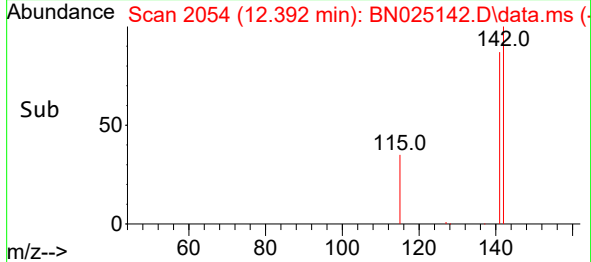
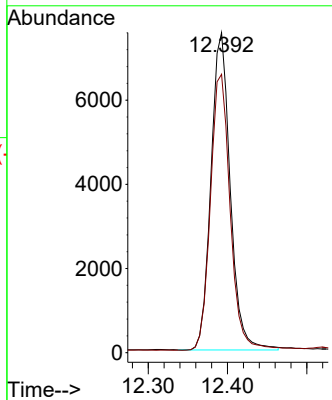
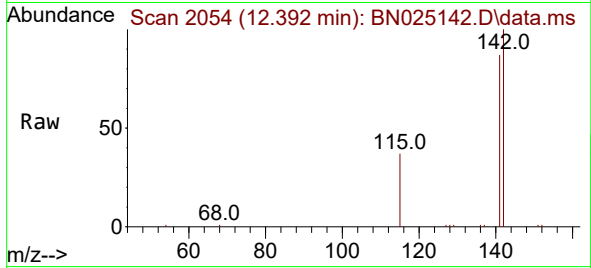




#7
 2-Methylnaphthalene
 Concen: 0.379 ng/ul
 RT: 12.392 min Scan# 2054
 Delta R.T. 0.007 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

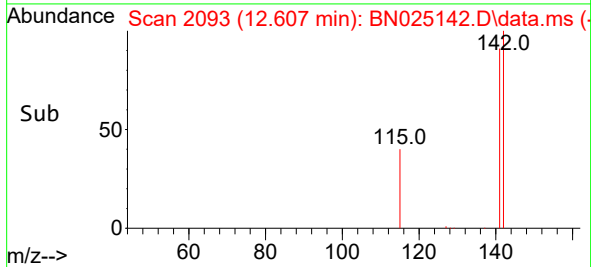
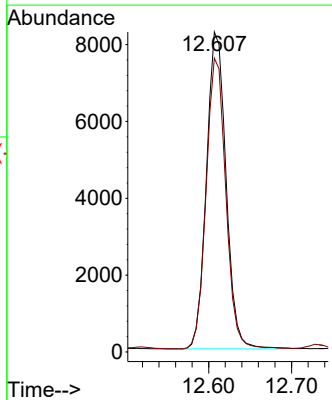
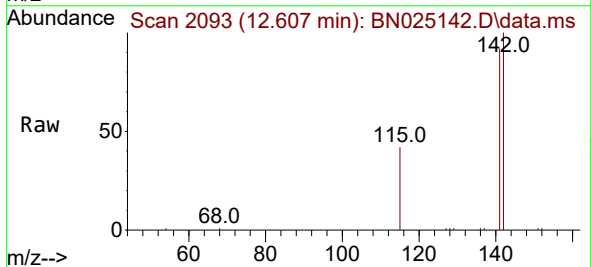
Instrument : BNA_N
 ClientSampleId : DCBL6MSD

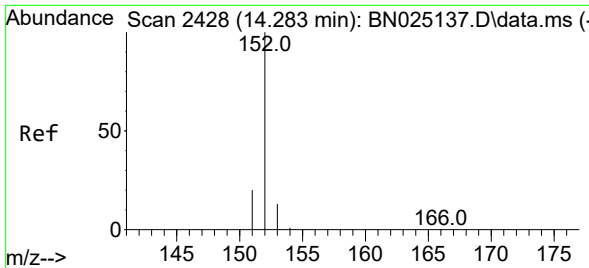
Tgt Ion:142 Resp: 12750
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.4 107.0



#8
 1-Methylnaphthalene
 Concen: 0.378 ng/ul
 RT: 12.607 min Scan# 2093
 Delta R.T. 0.001 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

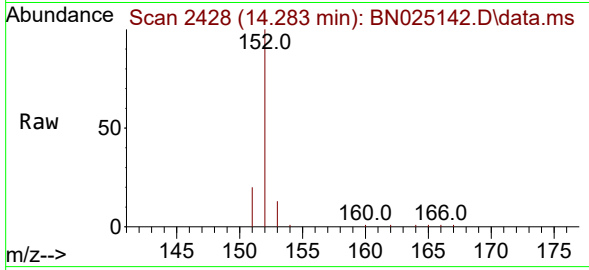
Tgt Ion:142 Resp: 13552
 Ion Ratio Lower Upper
 142 100
 141 92.1 73.8 110.6



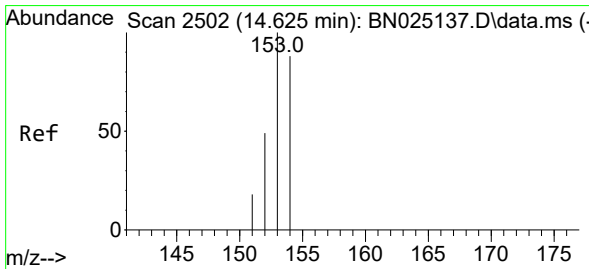
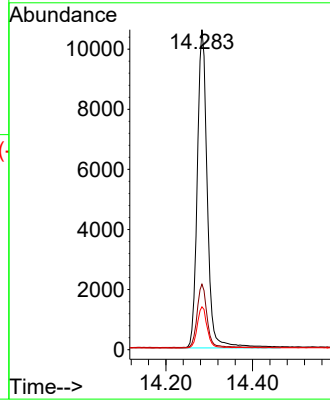
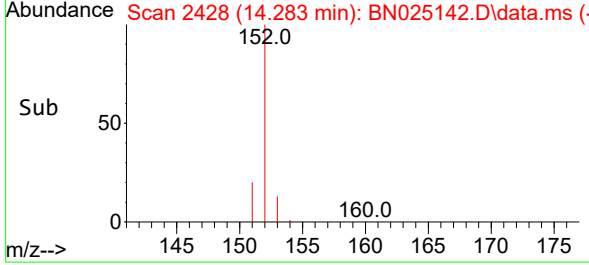


#10
 Acenaphthylene
 Concen: 0.369 ng/u1
 RT: 14.283 min Scan# 2428
 Delta R.T. 0.000 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

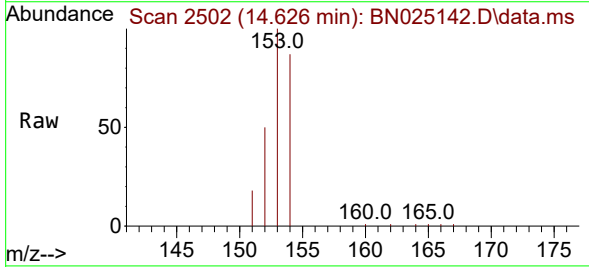
Instrument :
 BNA_N
 ClientSampleId :
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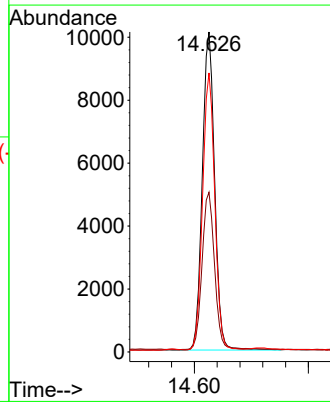
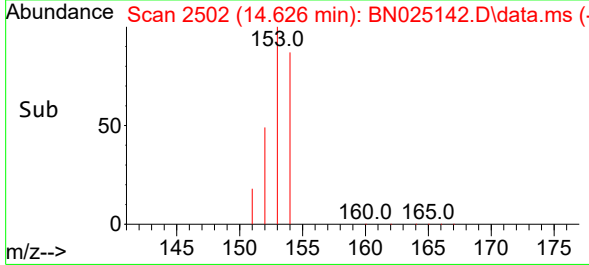
Tgt Ion:152 Resp: 17035
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.0 24.0
 153 13.4 10.8 16.2

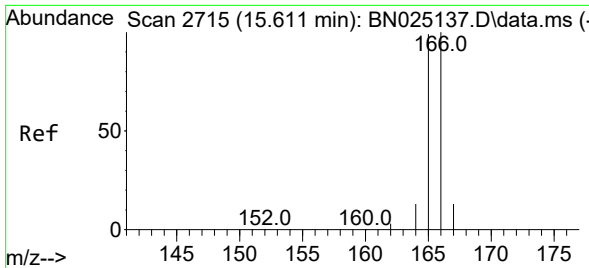


#11
 Acenaphthene
 Concen: 0.388 ng/u1
 RT: 14.626 min Scan# 2502
 Delta R.T. 0.000 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43



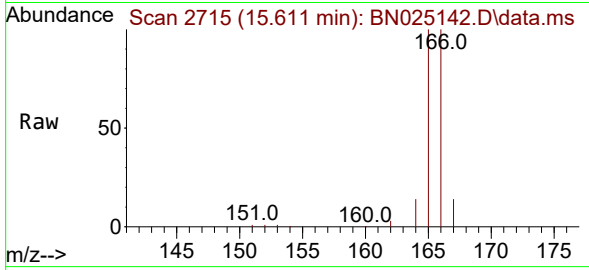
Tgt Ion:153 Resp: 15104
 Ion Ratio Lower Upper
 153 100
 152 49.9 40.2 60.4
 154 87.2 69.4 104.2



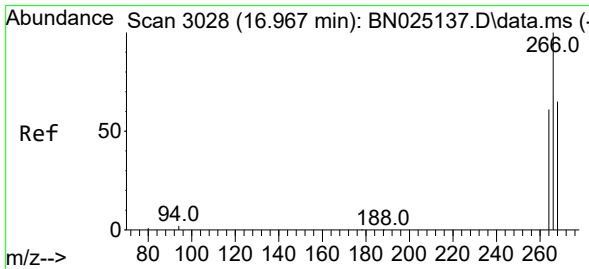
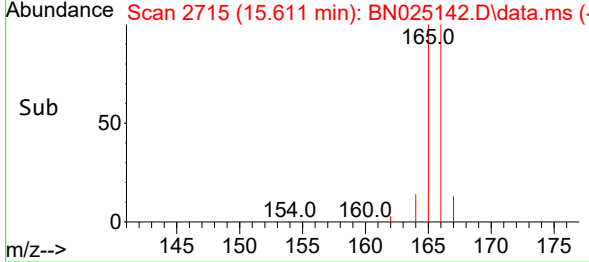
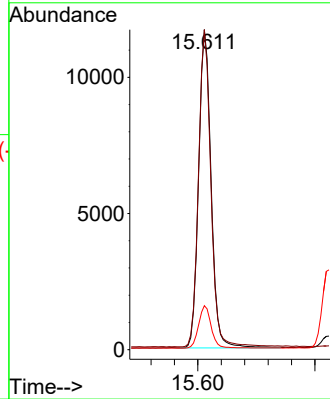


#12
 Fluorene
 Concen: 0.398 ng/u1
 RT: 15.611 min Scan# 2715
 Delta R.T. 0.000 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

Instrument : BNA_N
 ClientSampleId : DCBL6MSD

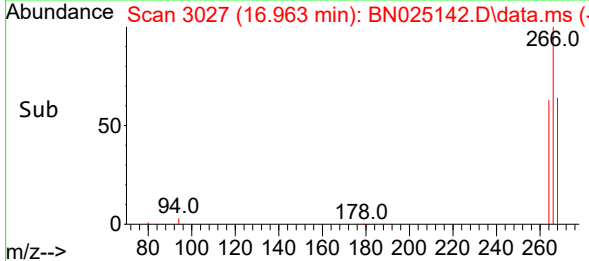
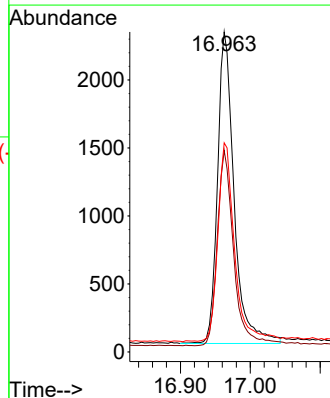
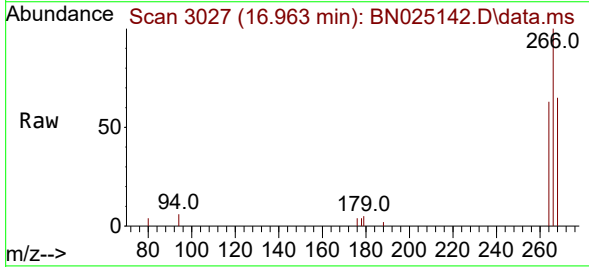


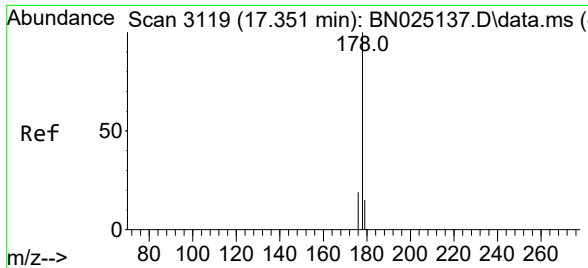
Tgt Ion:166 Resp: 17319
 Ion Ratio Lower Upper
 166 100
 165 100.0 78.1 117.1
 167 13.7 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.687 ng/u1
 RT: 16.963 min Scan# 3027
 Delta R.T. -0.004 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

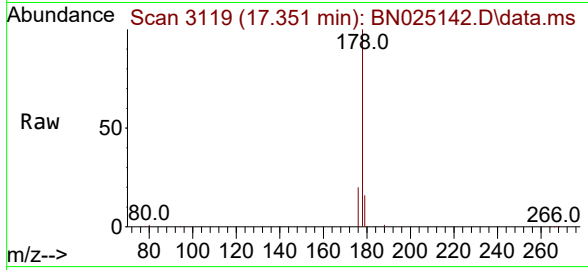
Tgt Ion:266 Resp: 3779
 Ion Ratio Lower Upper
 266 100
 264 62.3 49.6 74.4
 268 63.9 51.3 76.9





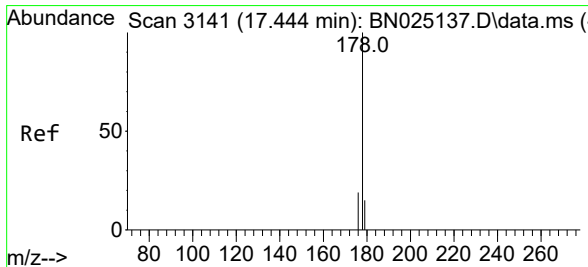
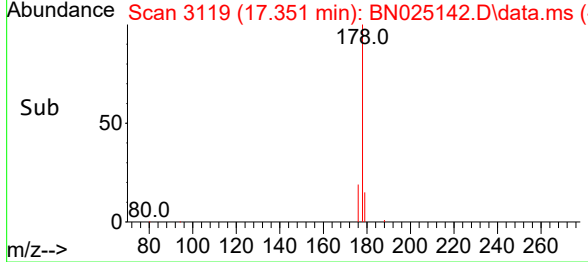
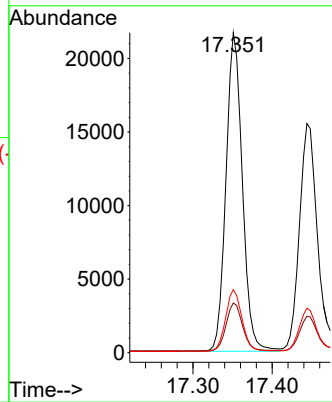
#15
 Phenanthrene
 Concen: 0.394 ng/u1
 RT: 17.351 min Scan# 3119
 Delta R.T. 0.000 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

Instrument :
 BNA_N
 ClientSampleId :
 DCBL6MSD



Tgt Ion:178 Resp: 31160

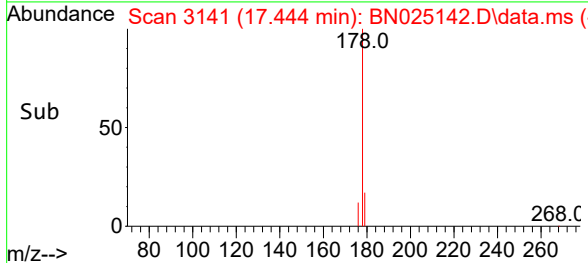
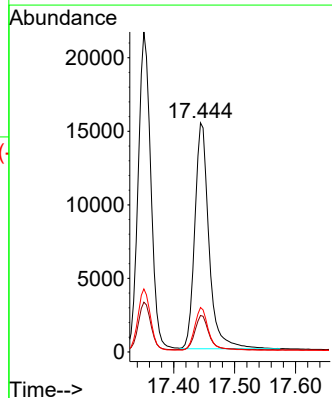
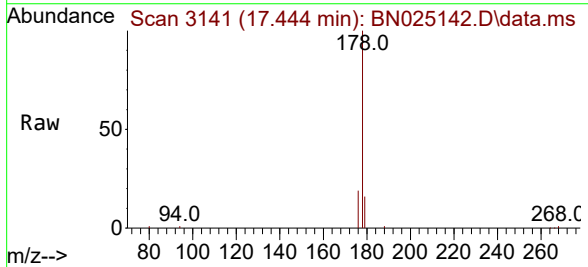
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	19.7	15.6	23.4

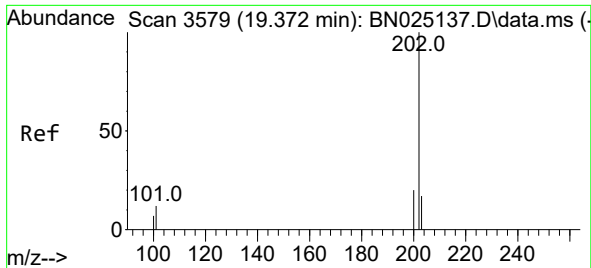


#16
 Anthracene
 Concen: 0.385 ng/u1
 RT: 17.444 min Scan# 3141
 Delta R.T. 0.000 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

Tgt Ion:178 Resp: 24902

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	19.4	15.3	22.9



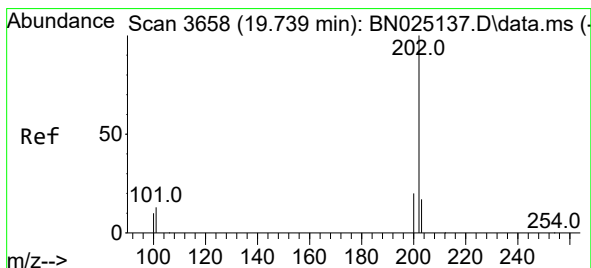
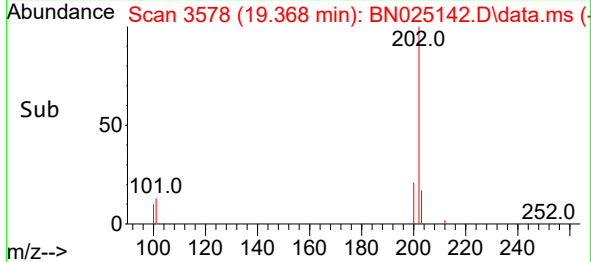
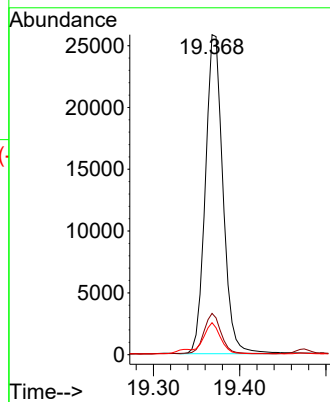
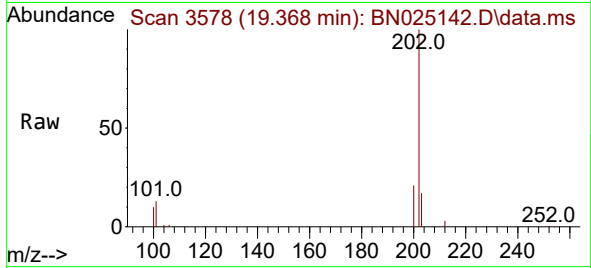


#19
 Fluoranthene
 Concen: 0.458 ng/u1
 RT: 19.368 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

Instrument :
 BNA_N
 ClientSampleId :
 DCBL6MSD

Tgt Ion:202 Resp: 36566

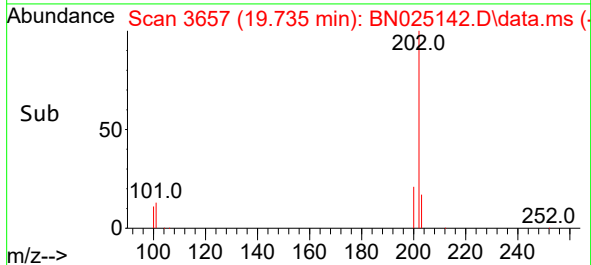
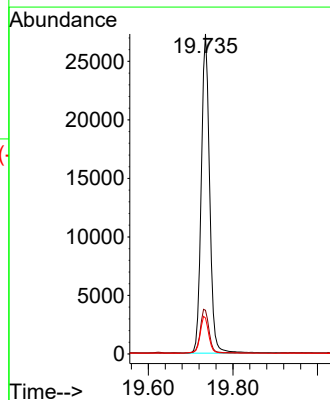
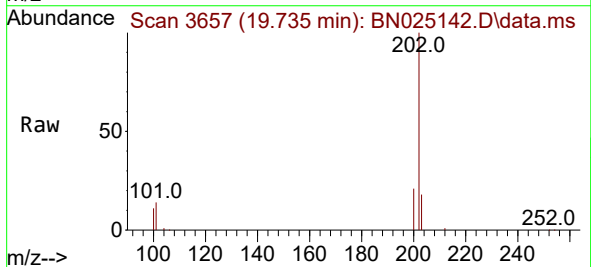
Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.7	14.5
100	10.0	7.3	10.9

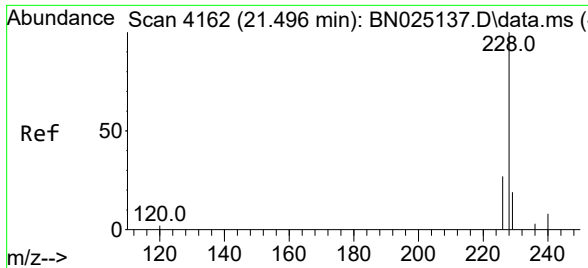


#20
 Pyrene
 Concen: 0.455 ng/u1
 RT: 19.735 min Scan# 3657
 Delta R.T. -0.004 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

Tgt Ion:202 Resp: 37363

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.3	16.9
100	11.2	9.2	13.8



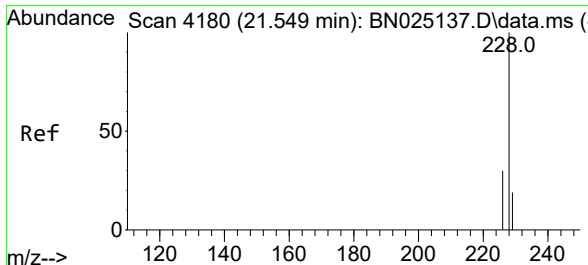
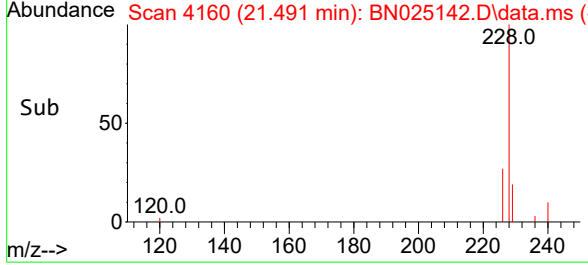
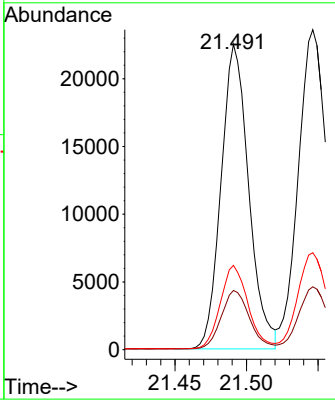
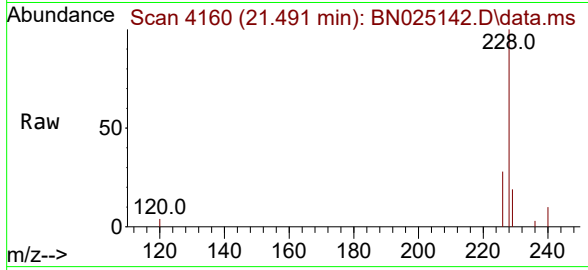


#21
 Benzo(a)anthracene
 Concen: 0.455 ng/u1
 RT: 21.491 min Scan# 4160
 Delta R.T. -0.005 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

Instrument : BNA_N
 ClientSampleId : DCBL6MSD

Tgt Ion:228 Resp: 30251

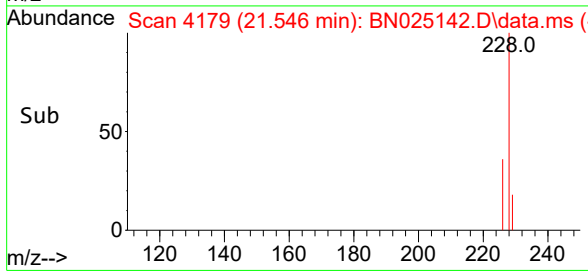
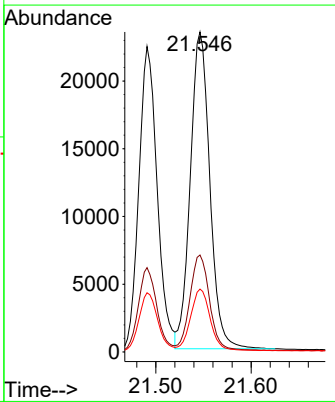
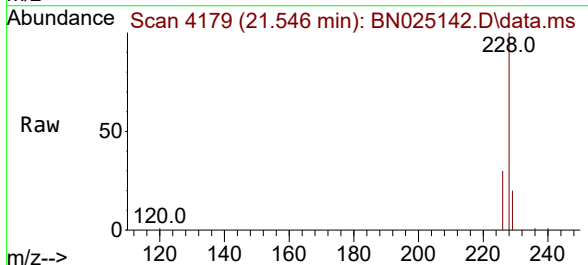
Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.6	23.4
226	27.6	22.1	33.1

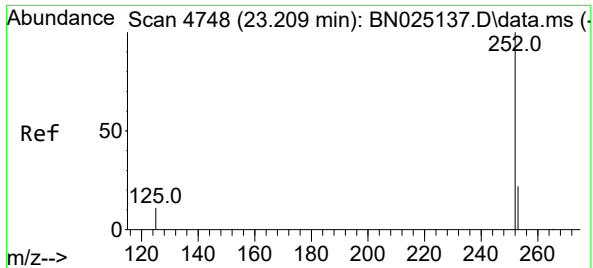


#22
 Chrysene
 Concen: 0.458 ng/u1
 RT: 21.546 min Scan# 4179
 Delta R.T. -0.002 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

Tgt Ion:228 Resp: 33256

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	19.6	15.8	23.6



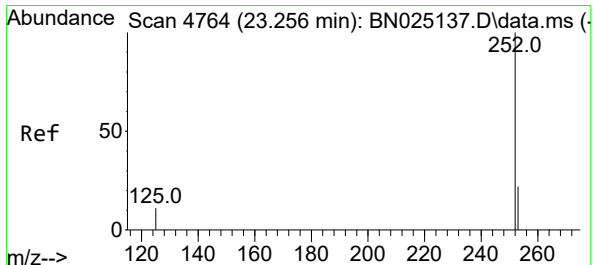
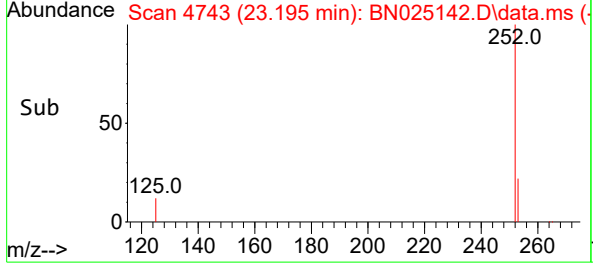
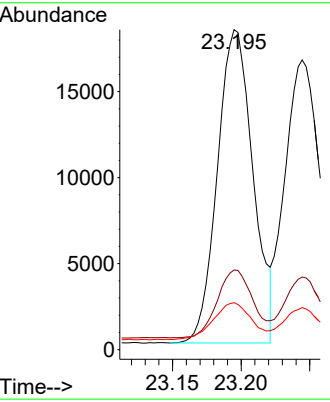
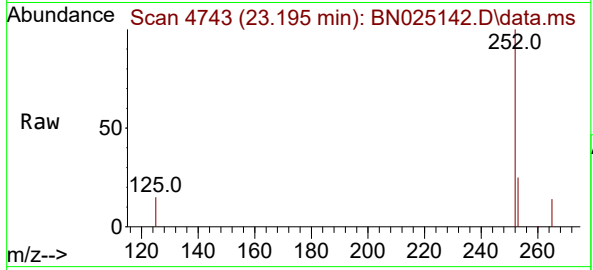


#24
 Benzo(b)fluoranthene
 Concen: 0.436 ng/u1
 RT: 23.195 min Scan# 4743
 Delta R.T. -0.014 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

Instrument : BNA_N
 ClientSampleId : DCBL6MSD

Tgt Ion:252 Resp: 32892

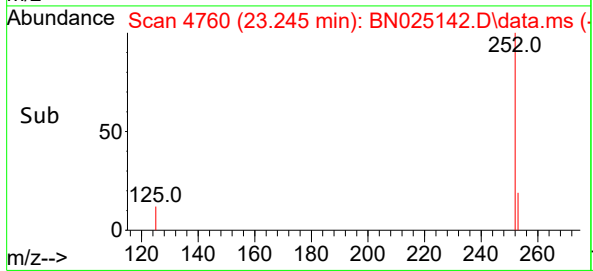
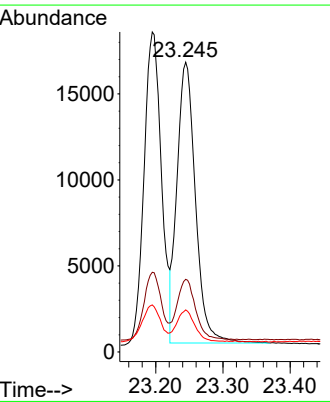
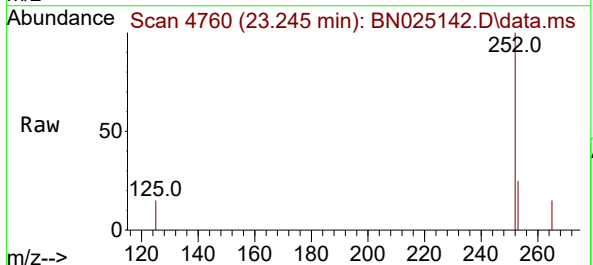
Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	50.2
125	14.7	0.0	30.4

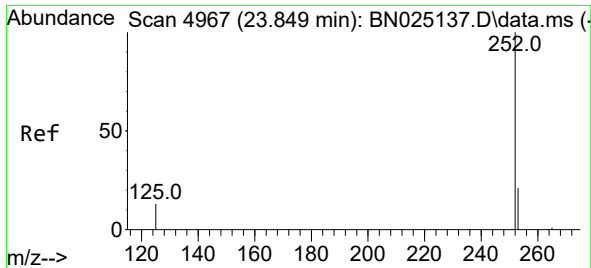


#25
 Benzo(k)fluoranthene
 Concen: 0.430 ng/u1
 RT: 23.245 min Scan# 4760
 Delta R.T. -0.011 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

Tgt Ion:252 Resp: 31193

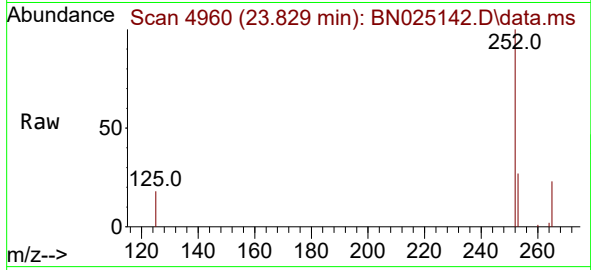
Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.2	30.4
125	14.5	11.8	17.8



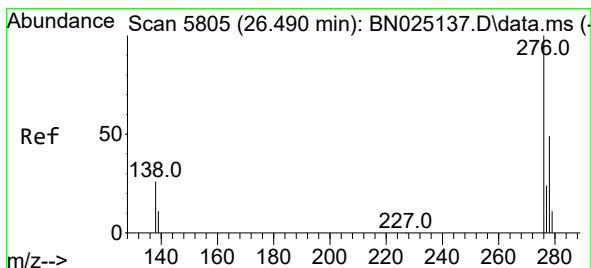
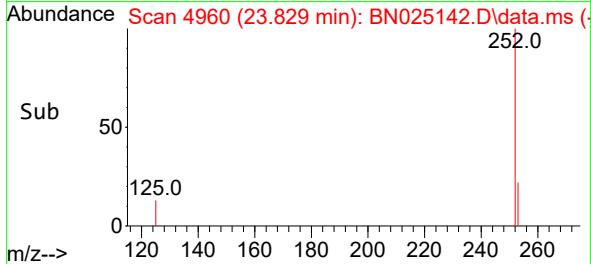
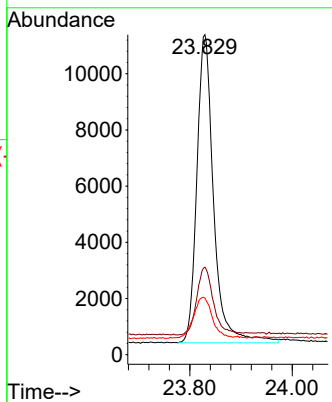


#26
 Benzo(a)pyrene
 Concen: 0.399 ng/u1
 RT: 23.829 min Scan# 4960
 Delta R.T. -0.020 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

Instrument :
 BNA_N
 ClientSampleId :
 DCBL6MSD

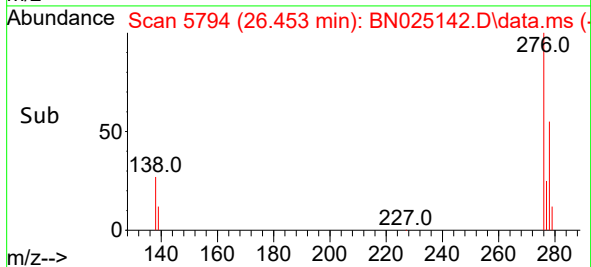
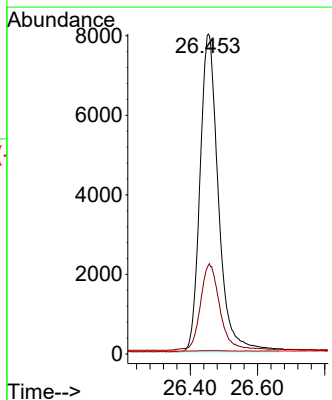
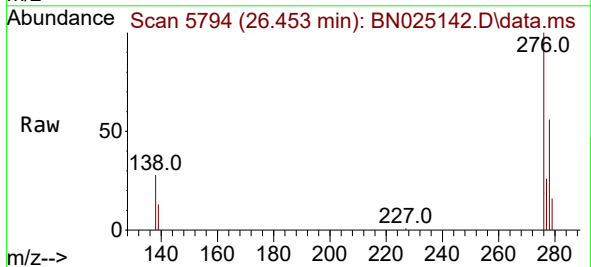


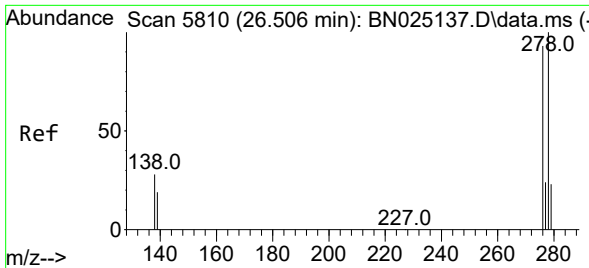
Tgt Ion:252 Resp: 24925
 Ion Ratio Lower Upper
 252 100
 253 27.4 21.4 32.2
 125 17.7 14.6 22.0



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.423 ng/u1
 RT: 26.453 min Scan# 5794
 Delta R.T. -0.036 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

Tgt Ion:276 Resp: 30406
 Ion Ratio Lower Upper
 276 100
 138 29.2 21.9 32.9
 227 0.2 0.1 0.1#

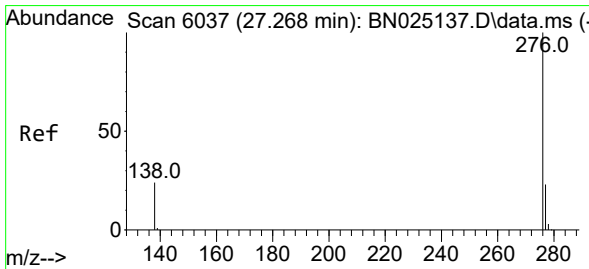
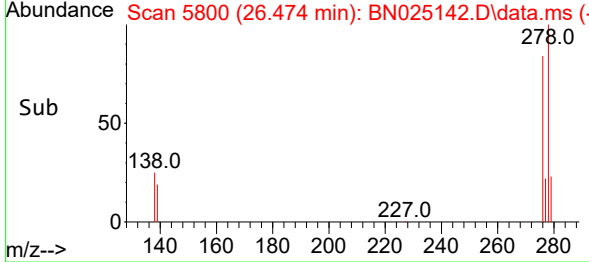
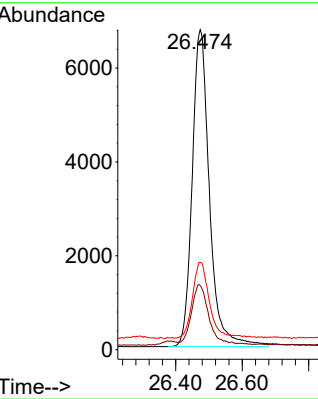
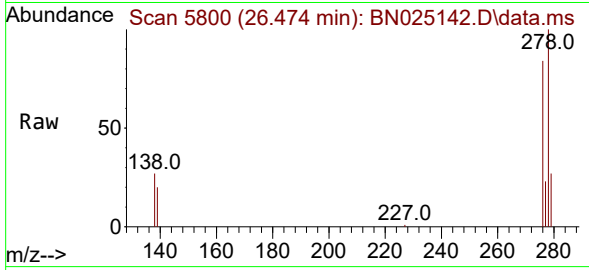




#28
 Dibenzo(a,h)anthracene
 Concen: 0.433 ng/ul
 RT: 26.474 min Scan# 5800
 Delta R.T. -0.033 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

Instrument : BNA_N
 ClientSampleId : DCBL6MSD

Tgt Ion	Resp	Lower	Upper
278	100		
139	20.0	17.0	25.6
279	27.2	21.8	32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.422 ng/ul
 RT: 27.232 min Scan# 6026
 Delta R.T. -0.036 min
 Lab File: BN025142.D
 Acq: 26 Apr 2023 12:43

Tgt Ion	Resp	Lower	Upper
276	100		
138	25.1	20.3	30.5
277	24.8	19.8	29.6

