

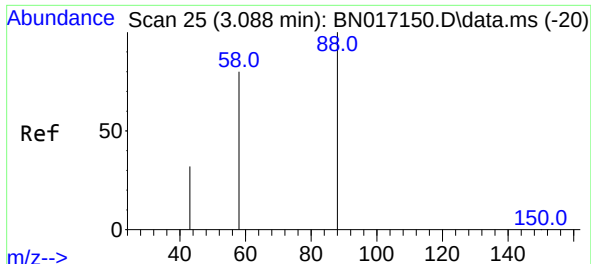
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017152.D
 Acq On : 28 Oct 2021 12:56
 Operator : CG/JU
 Sample : PB140134BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS134

Quant Time: Oct 28 13:25:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 28 12:50:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	4024	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	15142	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	9278	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.939	188	20549	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240	19714	0.400	ng/ul	0.00
23) Perylene-d12	23.353	264	19140	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.055	96	2780	0.621	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	7102	0.321	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	18541	0.359	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.088	88	6869	1.429	ng/ul#	81
5) Naphthalene	10.354	128	12947	0.309	ng/ul	99
7) 2-Methylnaphthalene	11.982	142	8457	0.291	ng/ul	99
8) 1-Methylnaphthalene	12.202	142	8556	0.288	ng/ul	100
10) Acenaphthylene	13.901	152	10807	0.294	ng/ul	99
11) Acenaphthene	14.243	153	9897	0.307	ng/ul	99
12) Fluorene	15.243	166	11228	0.299	ng/ul	99
14) Pentachlorophenol	16.593	266	1967	0.425	ng/ul	100
15) Phenanthrene	16.977	178	20030	0.307	ng/ul	100
16) Anthracene	17.070	178	15891	0.294	ng/ul	99
19) Fluoranthene	19.007	202	23108	0.328	ng/ul	100
20) Pyrene	19.370	202	23895	0.330	ng/ul	97
21) Benzo(a)anthracene	21.135	228	19769	0.306	ng/ul	100
22) Chrysene	21.184	228	25489	0.348	ng/ul	100
24) Benzo(b)fluoranthene	22.692	252	25190	0.353	ng/ul	99
25) Benzo(k)fluoranthene	22.736	252	28382	0.351	ng/ul	99
26) Benzo(a)pyrene	23.253	252	21355	0.334	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.565	276	30883	0.340	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.592	278	24487	0.341	ng/ul	99
29) Benzo(g,h,i)perylene	26.242	276	27557	0.359	ng/ul	98

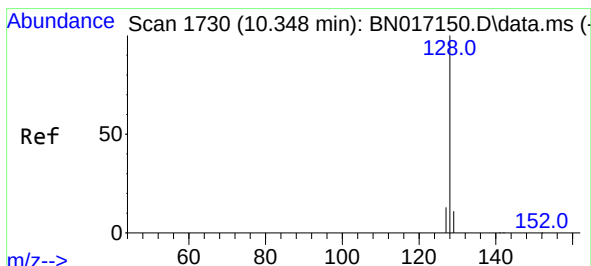
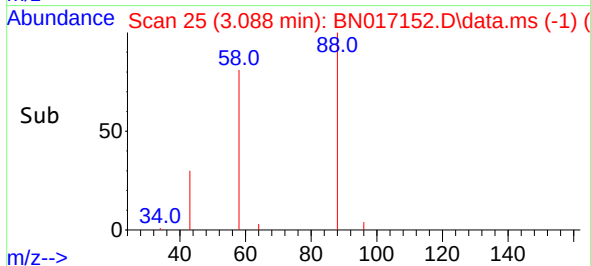
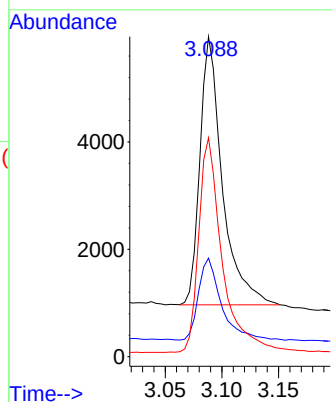
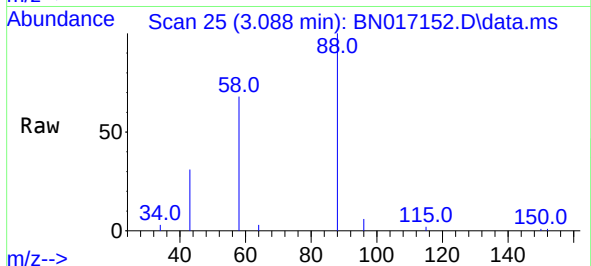
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 1.429 ng/ul
RT: 3.088 min Scan# 25
Delta R.T. -0.000 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

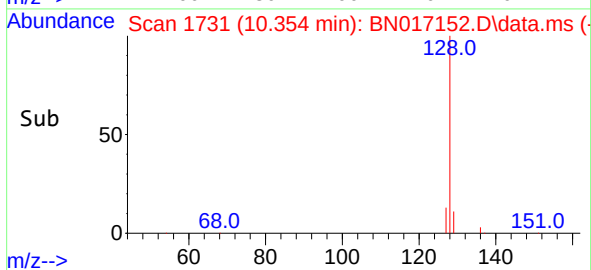
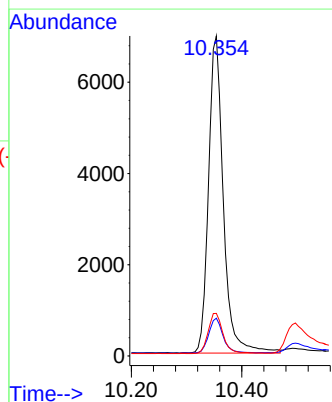
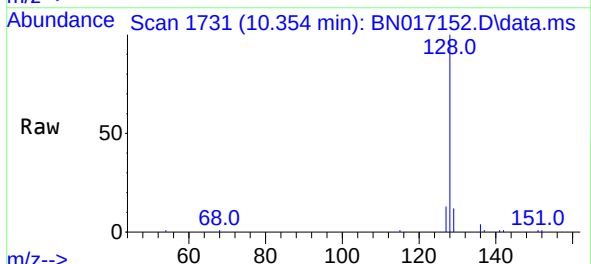
Instrument :
BNA_N
ClientSampled :
SLCS134

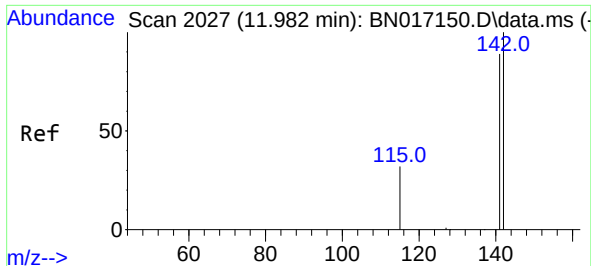
Tgt Ion: 88 Resp: 6869
Ion Ratio Lower Upper
88 100
43 30.8 31.8 47.6#
58 68.4 41.9 62.9#



#5
Naphthalene
Concen: 0.309 ng/ul
RT: 10.354 min Scan# 1731
Delta R.T. 0.005 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

Tgt Ion: 128 Resp: 12947
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.3 10.8 16.2

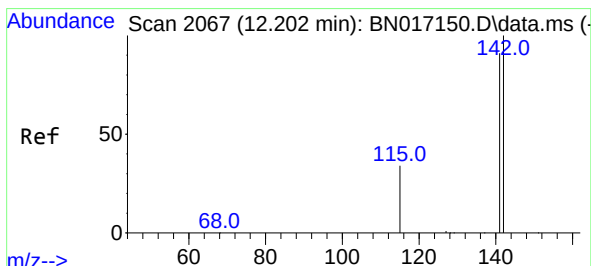
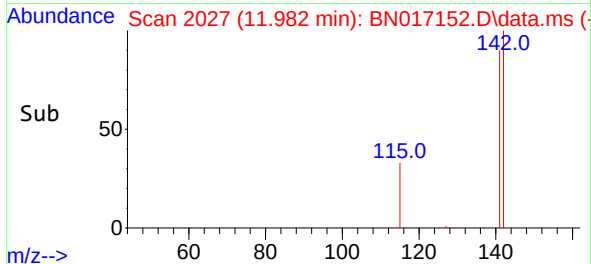
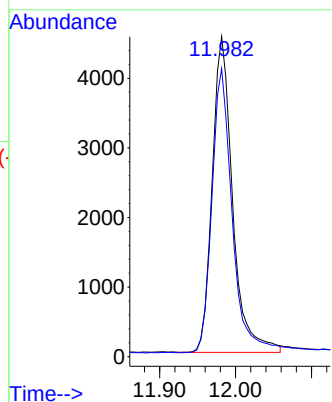
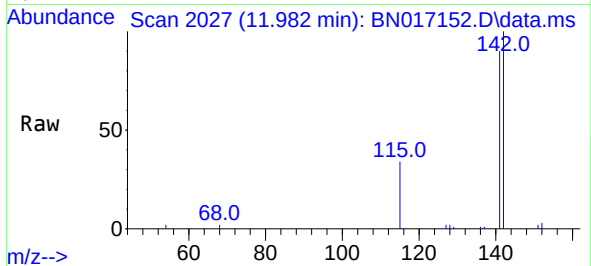




#7
2-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 11.982 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

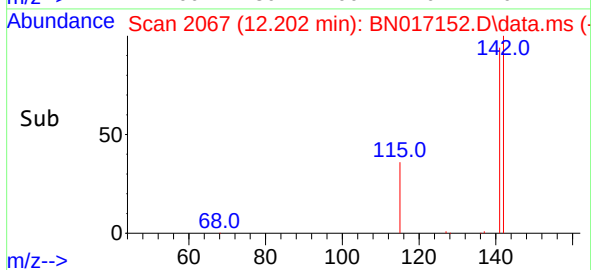
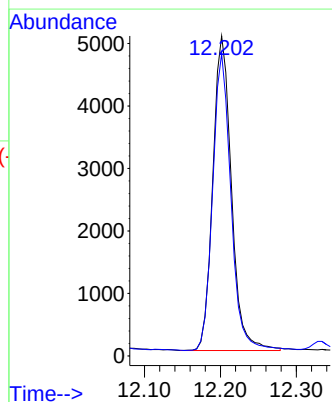
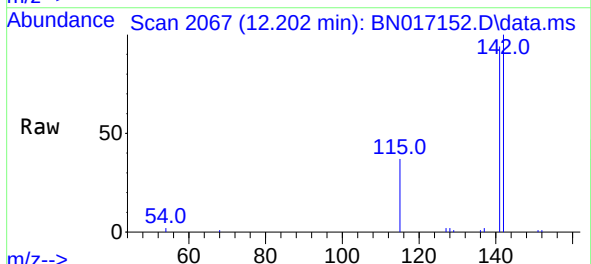
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BNA_N
ClientSampleId :
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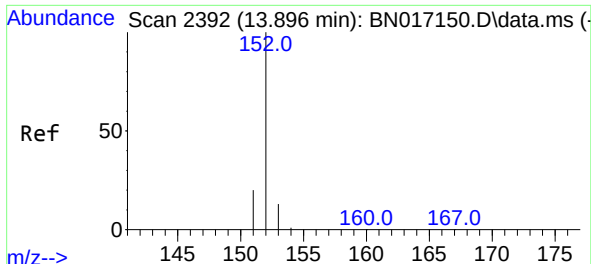
Tgt Ion:142 Resp: 8457
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.288 ng/ul
RT: 12.202 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

Tgt Ion:142 Resp: 8556
Ion Ratio Lower Upper
142 100
141 92.6 73.8 110.8

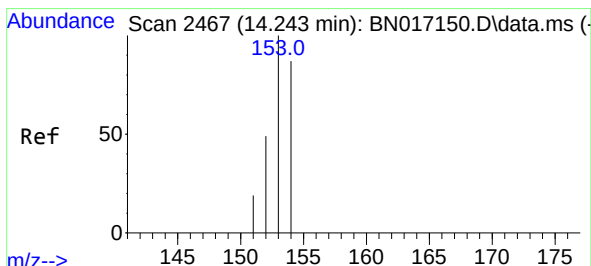
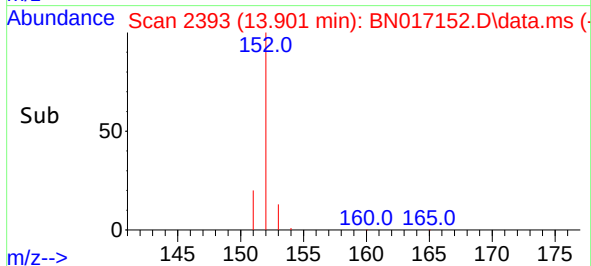
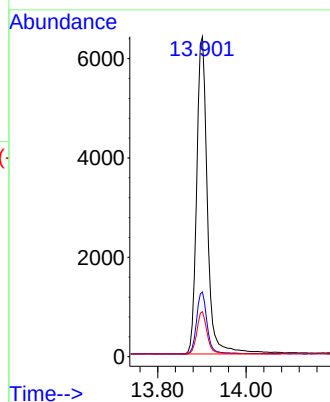
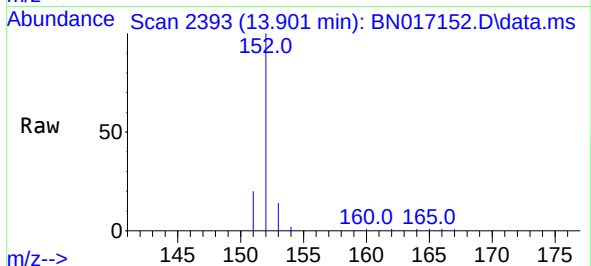




#10
Acenaphthylene
Concen: 0.294 ng/ul
RT: 13.901 min Scan# 2393
Delta R.T. 0.005 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

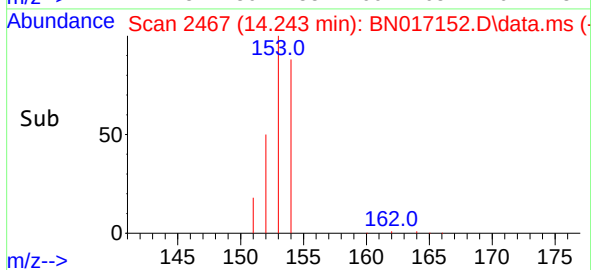
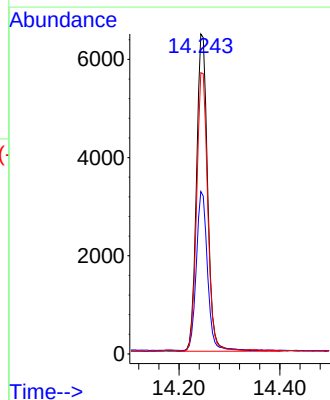
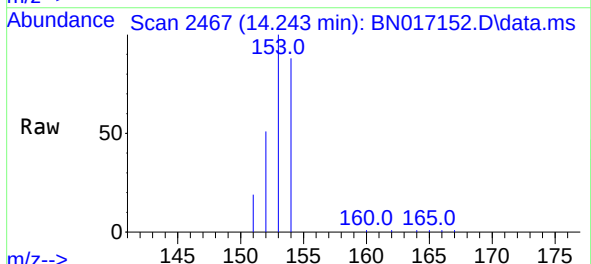
Instrument :
BNA_N
ClientSampleId :
SLCS134

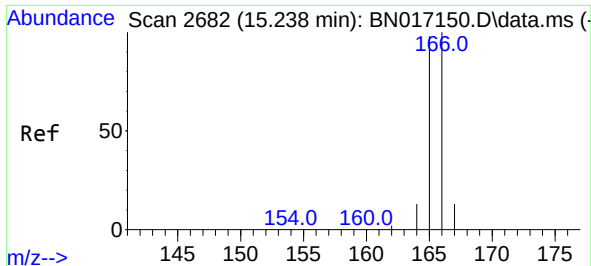
Tgt Ion:	152	Resp:	10807
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.0	24.0
153	14.0	10.8	16.2



#11
Acenaphthene
Concen: 0.307 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.000 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

Tgt Ion:	153	Resp:	9897
Ion Ratio	Lower	Upper	
153	100		
152	50.8	39.5	59.3
154	87.9	70.0	105.0

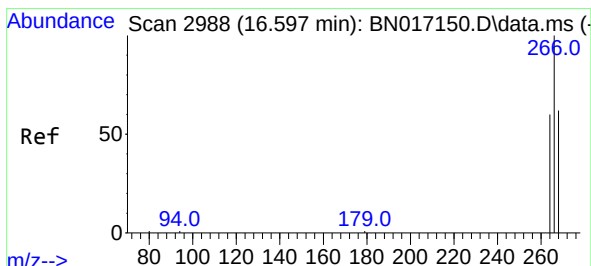
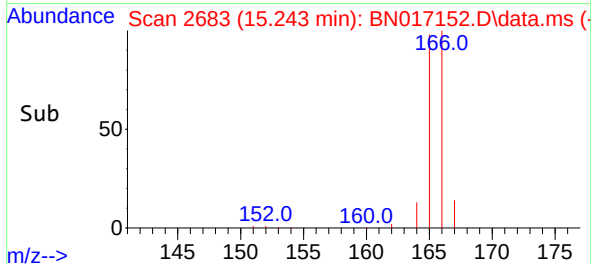
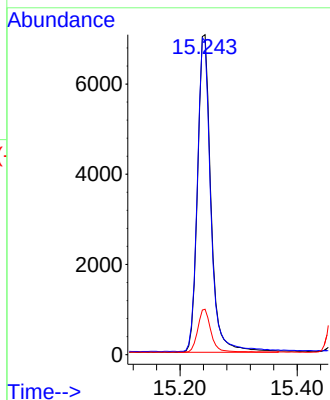
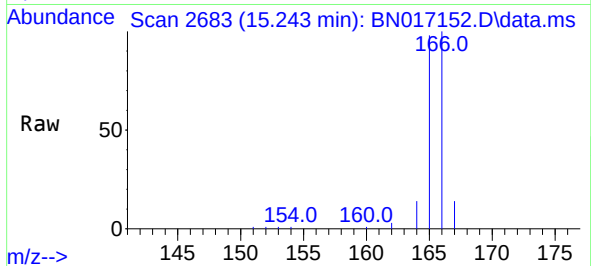




#12
Fluorene
Concen: 0.299 ng/ul
RT: 15.243 min Scan# 2683
Delta R.T. 0.005 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

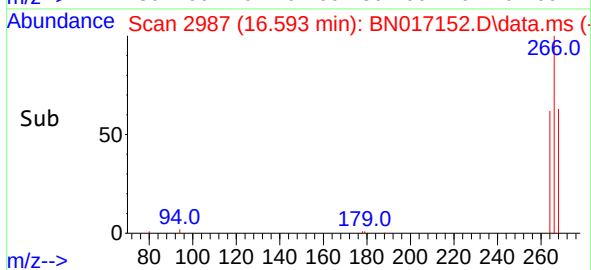
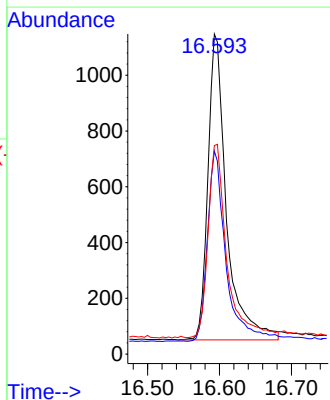
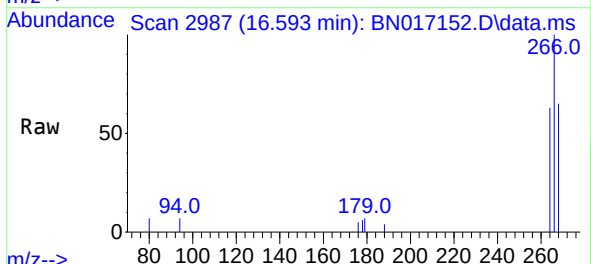
Instrument :
BNA_N
ClientSampleId :
SLCS134

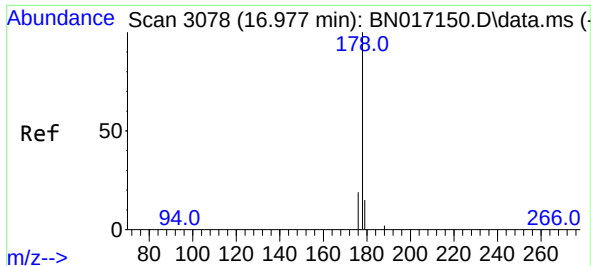
Tgt Ion:	166	Resp:	11228
Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.7	116.5
167	14.2	11.1	16.7



#14
Pentachlorophenol
Concen: 0.425 ng/ul
RT: 16.593 min Scan# 2987
Delta R.T. -0.004 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

Tgt Ion:	266	Resp:	1967
Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.9	74.9
268	63.7	51.2	76.8

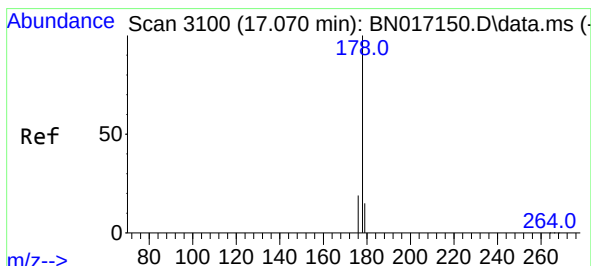
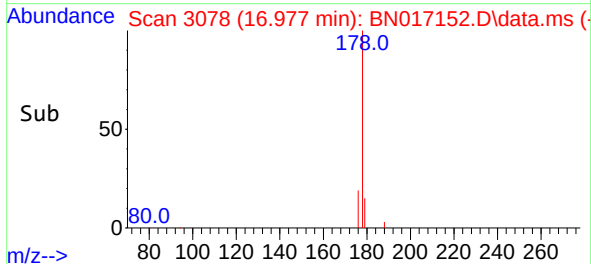
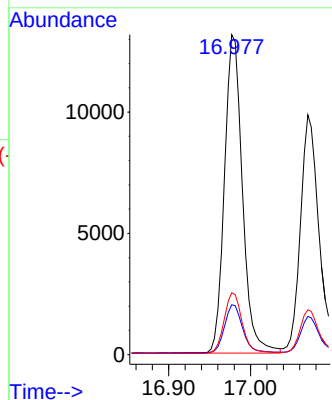
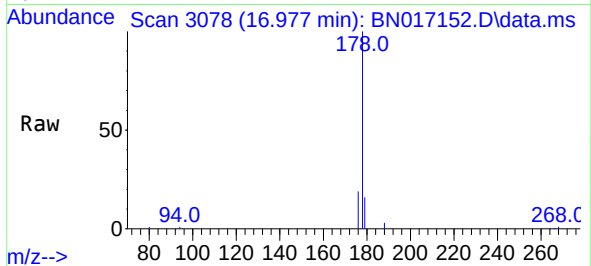




#15
Phenanthrene
Concen: 0.307 ng/u1
RT: 16.977 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

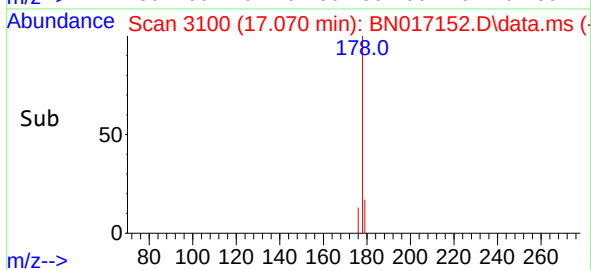
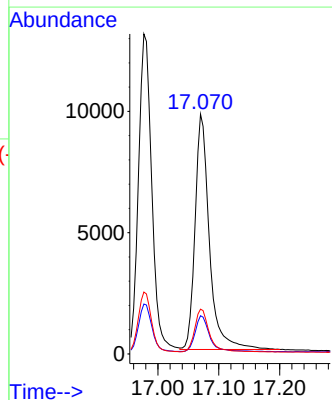
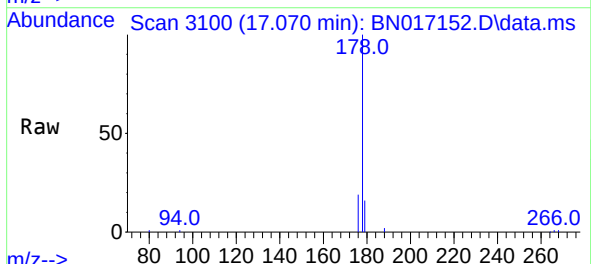
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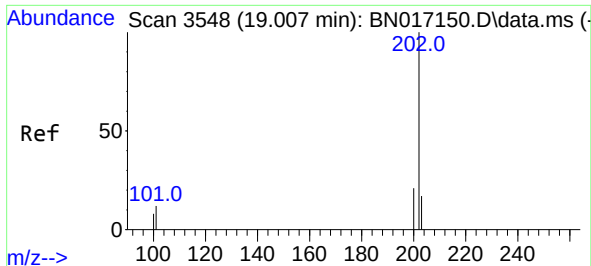
Tgt Ion:	178	Resp:	20030
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	19.0
176	19.3	15.5	23.3



#16
Anthracene
Concen: 0.294 ng/u1
RT: 17.070 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

Tgt Ion:	178	Resp:	15891
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.6	19.0
176	18.7	15.2	22.8

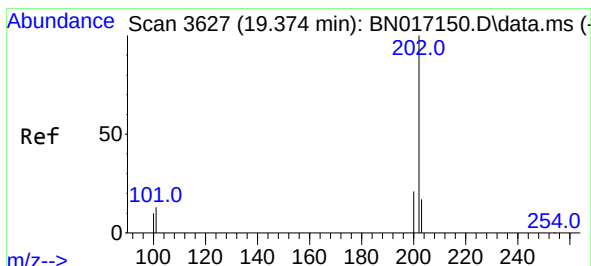
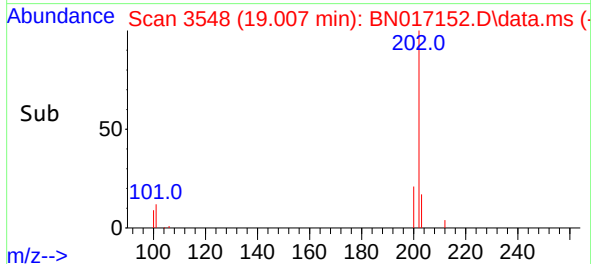
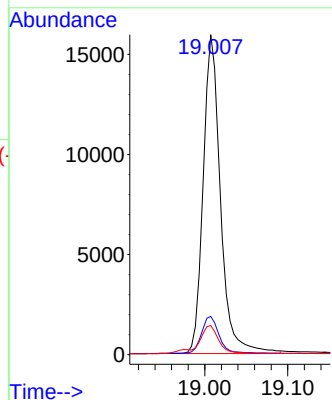
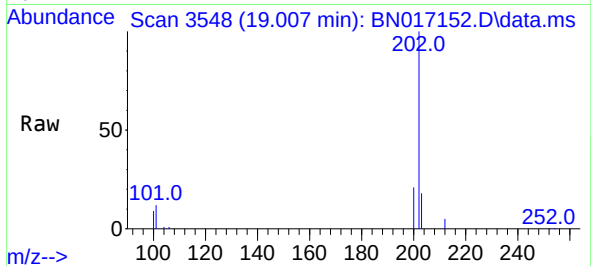




#19
Fluoranthene
Concen: 0.328 ng/ul
RT: 19.007 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

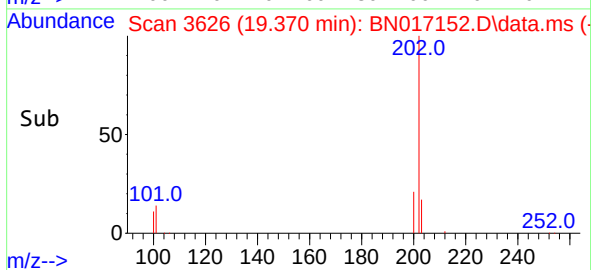
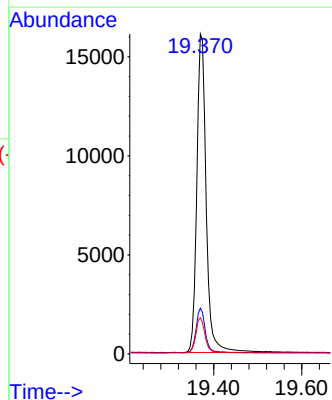
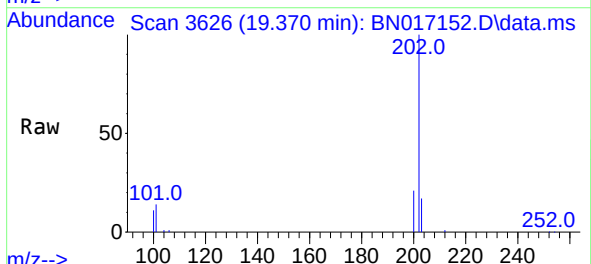
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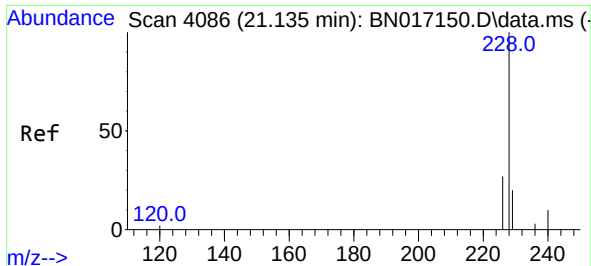
Tgt Ion:	202	Resp:	23108
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.7	14.5
100	9.1	7.2	10.8



#20
Pyrene
Concen: 0.330 ng/ul
RT: 19.370 min Scan# 3626
Delta R.T. -0.005 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

Tgt Ion:	202	Resp:	23895
Ion Ratio	Lower	Upper	
202	100		
101	14.3	10.3	15.5
100	11.3	8.2	12.2



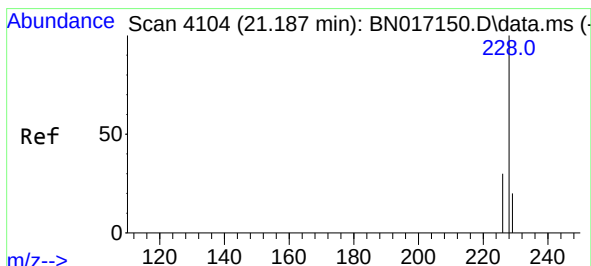
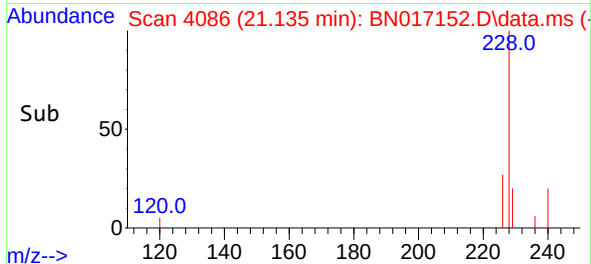
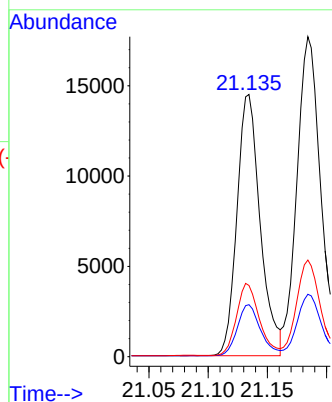
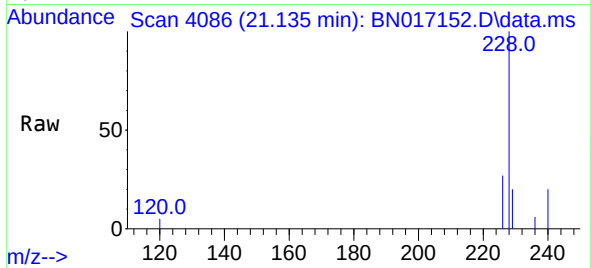


#21
Benzo(a)anthracene
Concen: 0.306 ng/ul
RT: 21.135 min Scan# 4086
Delta R.T. -0.000 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

Instrument :
BNA_N
ClientSampleId :
SLCS134

Tgt Ion:228 Resp: 19769

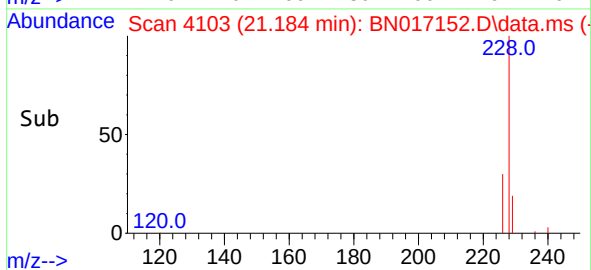
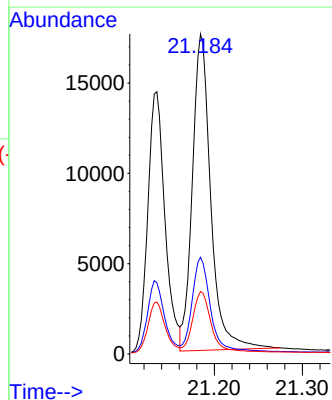
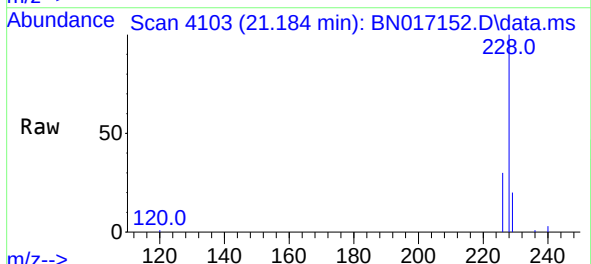
Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.1	24.1
226	27.2	21.7	32.5

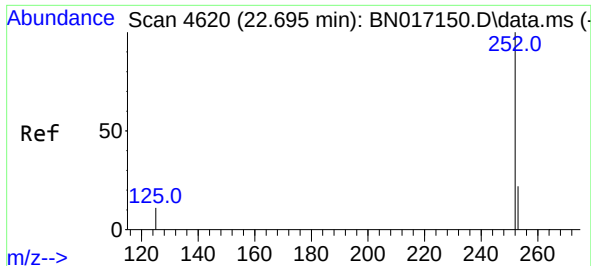


#22
Chrysene
Concen: 0.348 ng/ul
RT: 21.184 min Scan# 4103
Delta R.T. -0.003 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

Tgt Ion:228 Resp: 25489

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.5	15.4	23.2

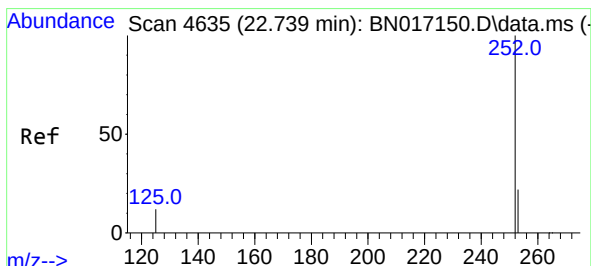
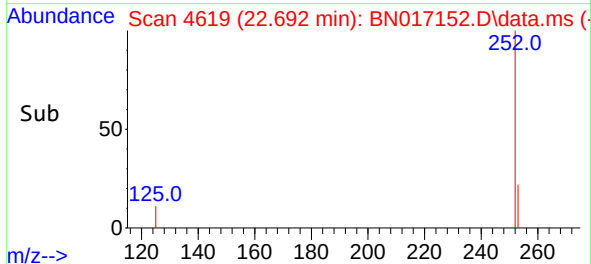
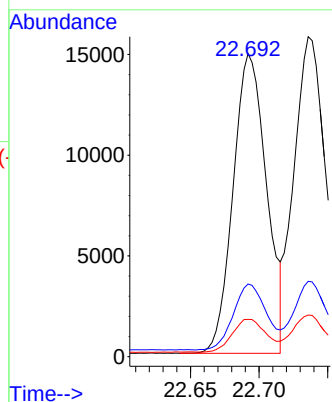
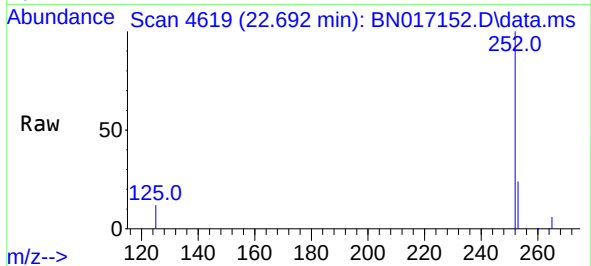




#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 22.692 min Scan# 4619
Delta R.T. -0.003 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

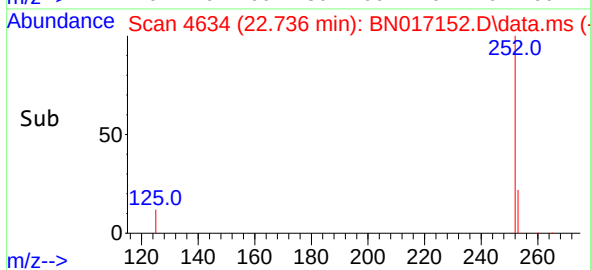
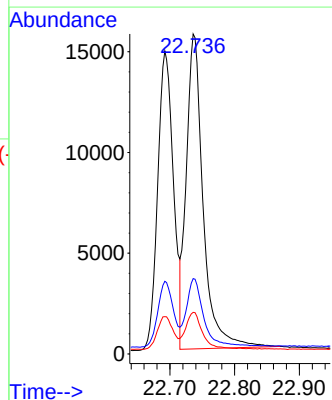
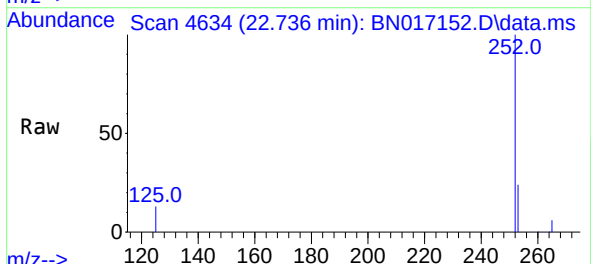
Instrument :
BNA_N
ClientSampleId :
SLCS134

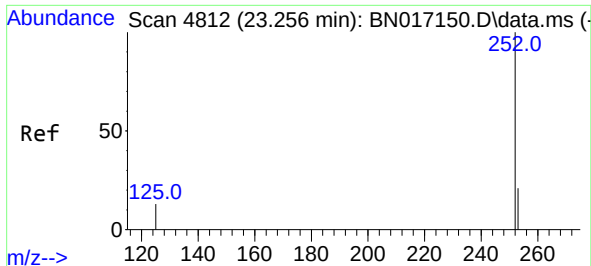
Tgt Ion:252 Resp: 25190
Ion Ratio Lower Upper
252 100
253 24.0 0.0 46.8
125 12.3 0.0 23.8



#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 22.736 min Scan# 4634
Delta R.T. -0.003 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

Tgt Ion:252 Resp: 28382
Ion Ratio Lower Upper
252 100
253 23.6 18.3 27.5
125 13.0 10.0 15.0

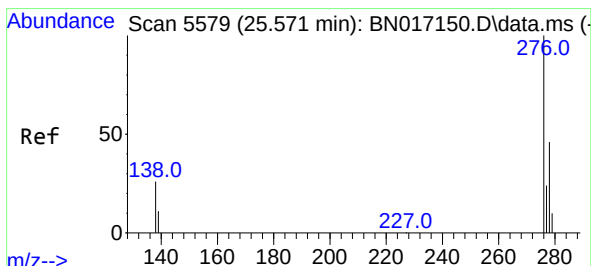
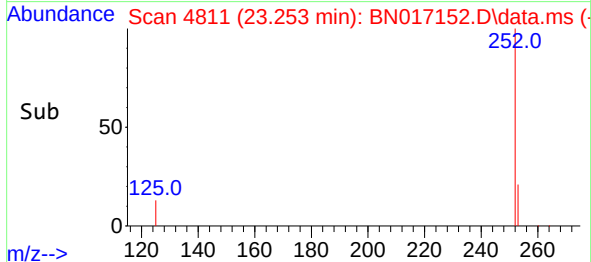
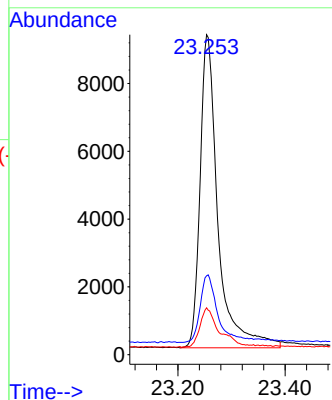
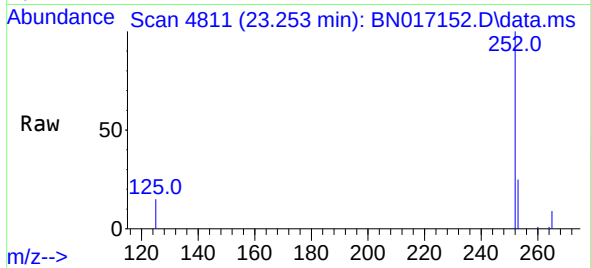




#26
Benzo(a)pyrene
Concen: 0.334 ng/ul
RT: 23.253 min Scan# 4811
Delta R.T. -0.003 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

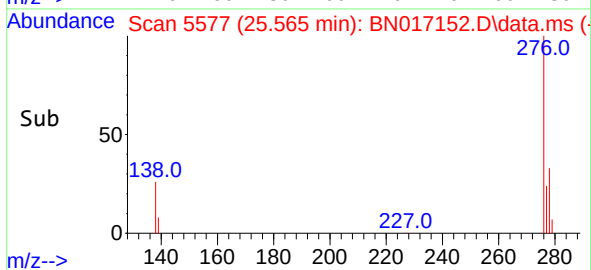
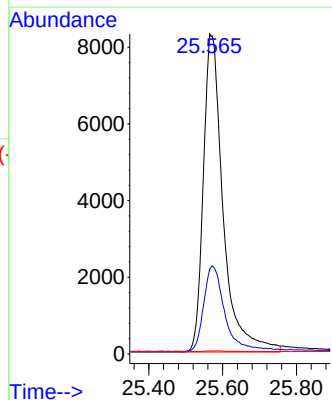
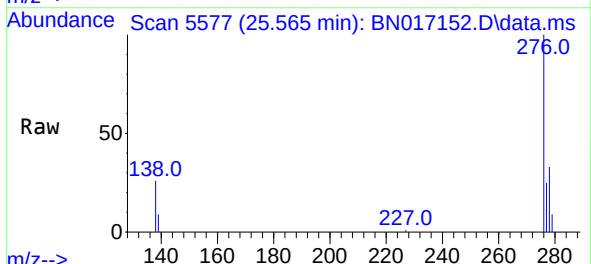
Instrument :
BNA_N
ClientSampleId :
SLCS134

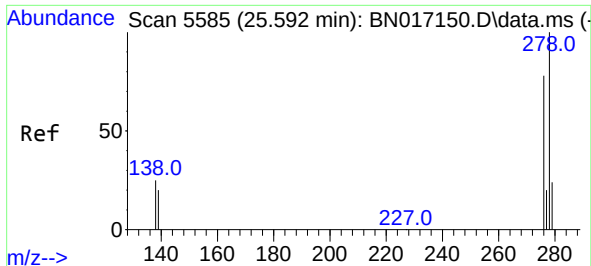
Tgt Ion:252	Resp:	21355
Ion Ratio	Lower	Upper
252	100	
253	24.7	19.3 28.9
125	14.6	10.8 16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.340 ng/ul
RT: 25.565 min Scan# 5577
Delta R.T. -0.007 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

Tgt Ion:276	Resp:	30883
Ion Ratio	Lower	Upper
276	100	
138	28.7	22.2 33.4
227	0.0	0.0 0.0

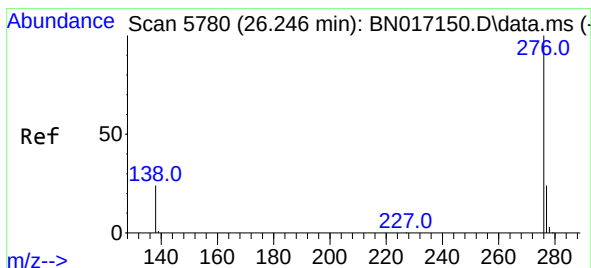
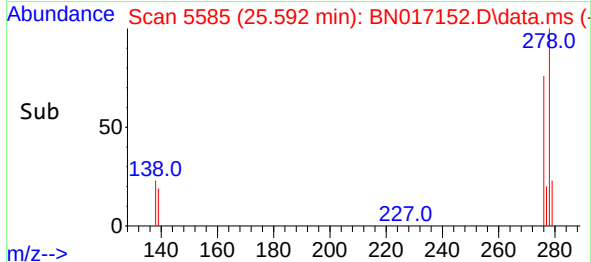
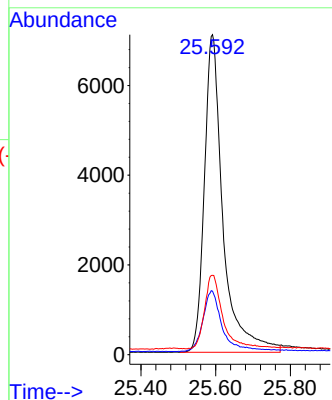
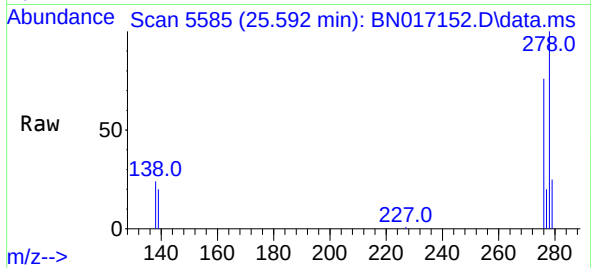




#28
Dibenzo(a,h)anthracene
Concen: 0.341 ng/ul
RT: 25.592 min Scan# 5585
Delta R.T. -0.000 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

Instrument :
BNA_N
ClientSampleId :
SLCS134

Tgt Ion:278 Resp: 24487
Ion Ratio Lower Upper
278 100
139 19.9 15.4 23.0
279 24.8 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.359 ng/ul
RT: 26.242 min Scan# 5779
Delta R.T. -0.003 min
Lab File: BN017152.D
Acq: 28 Oct 2021 12:56

Tgt Ion:276 Resp: 27557
Ion Ratio Lower Upper
276 100
138 25.4 19.2 28.8
277 24.4 19.0 28.6

