

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015122.D
 Acq On : 26 Jun 2021 18:48
 Operator : CG/JU
 Sample : PB137232BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS232

Quant Time: Jun 27 06:42:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration

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

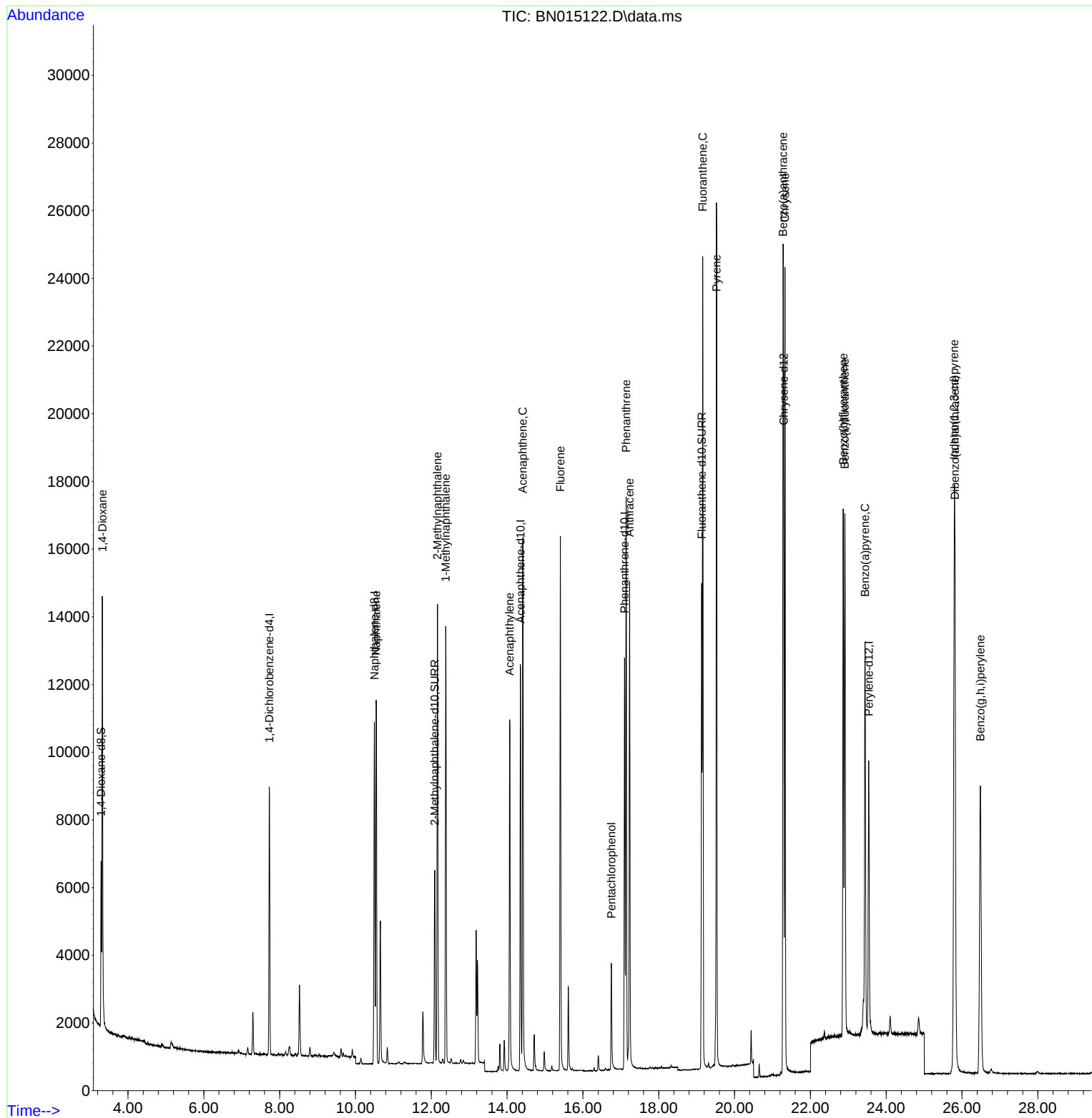
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	3899	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.501	136	13363	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.354	164	6908	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.099	188	13759	0.400	ng/ul	-0.01
17) Chrysene-d12	21.295	240	12638	0.400	ng/ul	-0.02
23) Perylene-d12	23.540	264	10422	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	3104	0.706	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	7284	0.347	ng/ul	-0.01
18) Fluoranthene-d10	19.133	212	14725	0.355	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	8144	1.715	ng/ul#	88
5) Naphthalene	10.545	128	14639	0.343	ng/ul	100
7) 2-Methylnaphthalene	12.162	142	9613	0.345	ng/ul	100
8) 1-Methylnaphthalene	12.382	142	8891	0.330	ng/ul	99
10) Acenaphthylene	14.068	152	12532	0.351	ng/ul	100
11) Acenaphthene	14.415	153	9419	0.344	ng/ul	98
12) Fluorene	15.405	166	10358	0.342	ng/ul	99
14) Pentachlorophenol	16.749	266	2273	0.747	ng/ul	99
15) Phenanthrene	17.142	178	17802	0.356	ng/ul	99
16) Anthracene	17.230	178	15859	0.360	ng/ul	100
19) Fluoranthene	19.161	202	20220	0.346	ng/ul	98
20) Pyrene	19.523	202	20699	0.353	ng/ul	97
21) Benzo(a)anthracene	21.278	228	18562	0.396	ng/ul	99
22) Chrysene	21.330	228	19954	0.356	ng/ul	99
24) Benzo(b)fluoranthene	22.867	252	19250	0.395	ng/ul	99
25) Benzo(k)fluoranthene	22.911	252	19280	0.351	ng/ul	99
26) Benzo(a)pyrene	23.440	252	16355	0.400	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.796	276	20450	0.414	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.813	278	16195	0.418	ng/ul	97
29) Benzo(g,h,i)perylene	26.484	276	17075	0.373	ng/ul	100

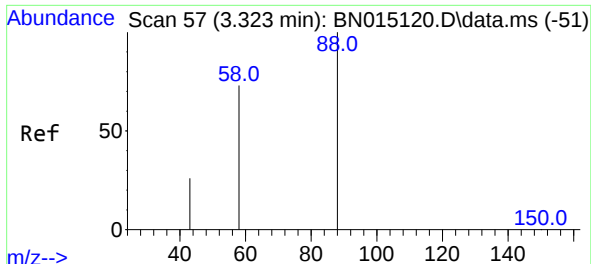
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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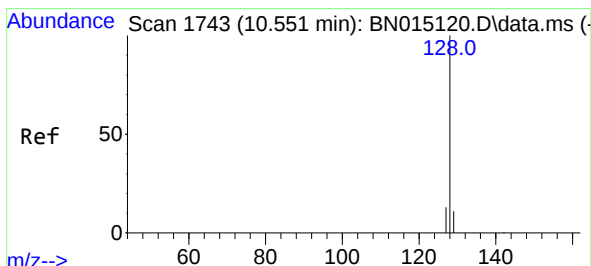
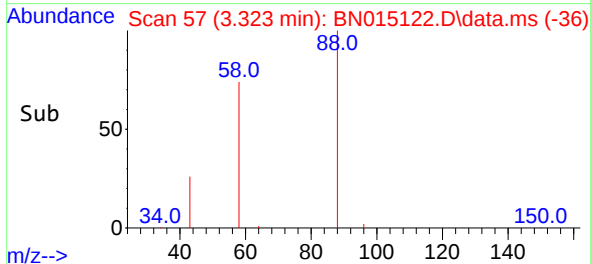
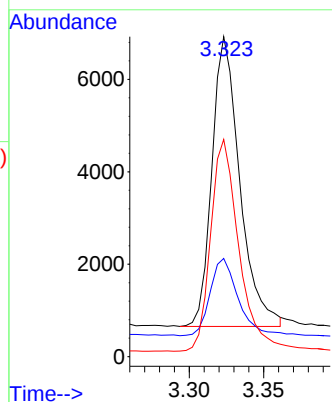
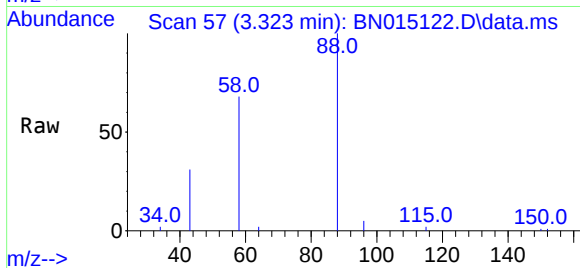




#2
1,4-Dioxane
Concen: 1.715 ng/ul
RT: 3.323 min Scan# 57
Delta R.T. -0.010 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

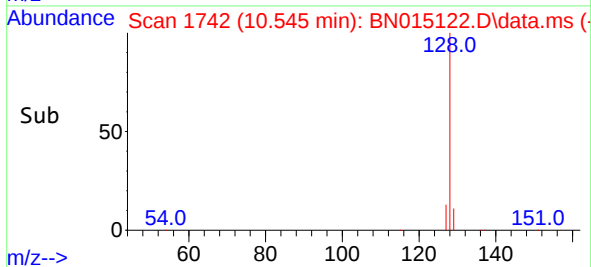
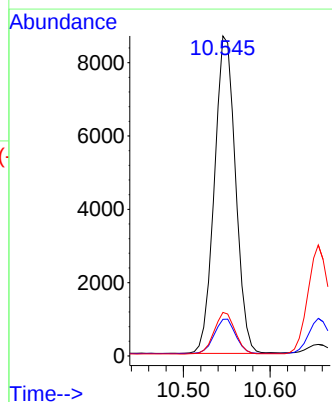
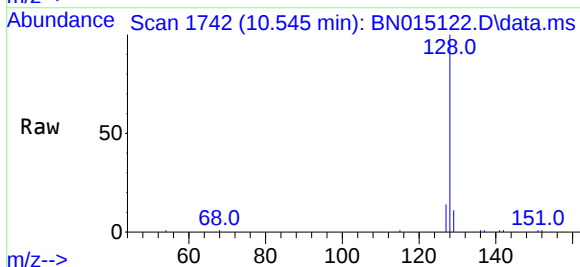
Instrument :
BNA_N
ClientSampled :
SLCS232

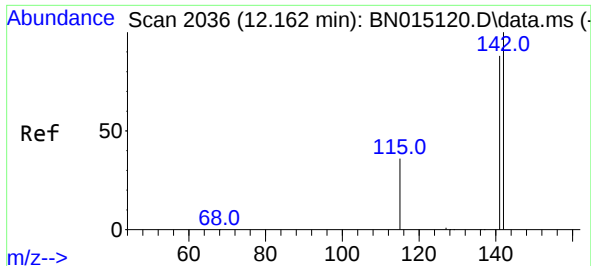
Tgt Ion: 88 Resp: 8144
Ion Ratio Lower Upper
88 100
43 30.7 24.9 37.3
58 67.9 43.4 65.0#



#5
Naphthalene
Concen: 0.343 ng/ul
RT: 10.545 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

Tgt Ion:128 Resp: 14639
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.6 10.8 16.2

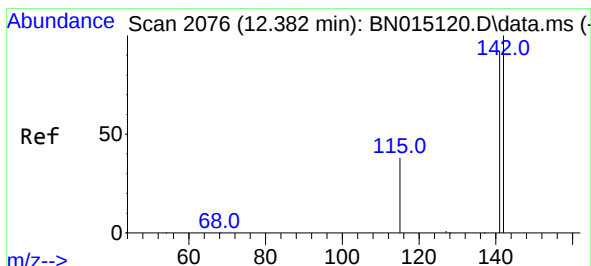
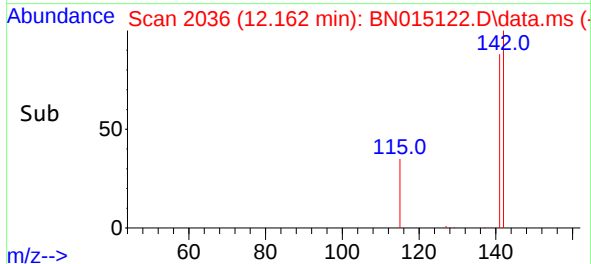
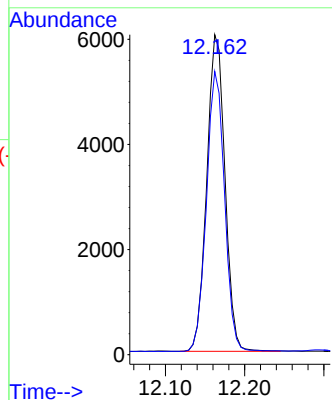
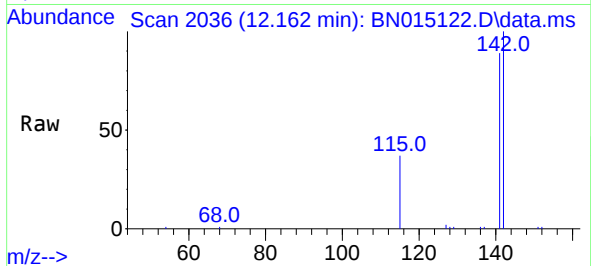




#7
2-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

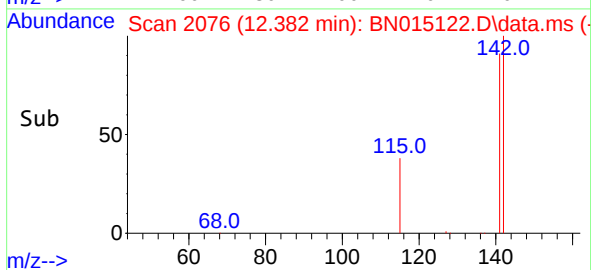
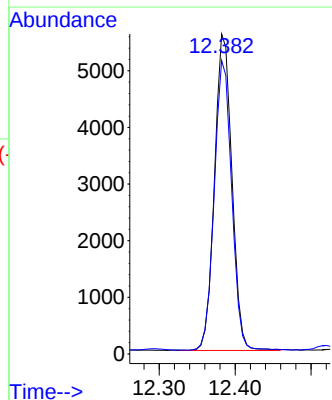
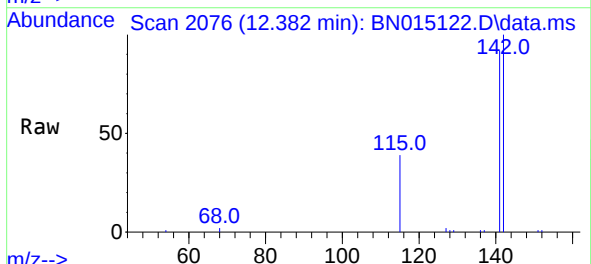
Instrument :
BNA_N
ClientSampled :
SLCS232

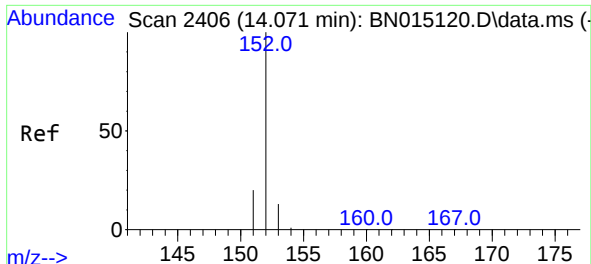
Tgt Ion:142 Resp: 9613
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.013 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

Tgt Ion:142 Resp: 8891
Ion Ratio Lower Upper
142 100
141 91.7 74.2 111.4

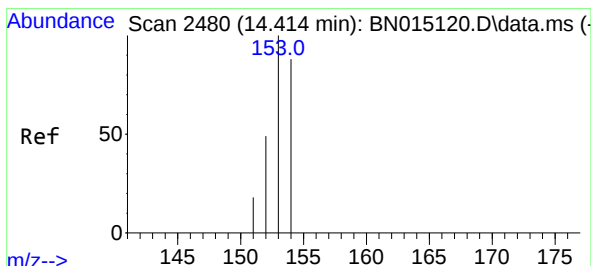
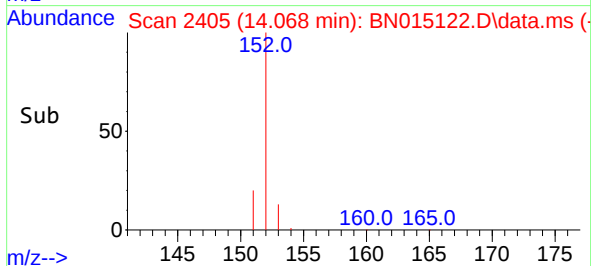
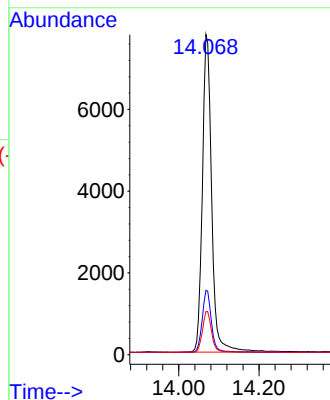
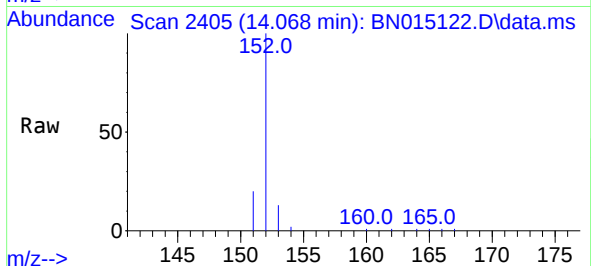




#10
Acenaphthylene
Concen: 0.351 ng/ul
RT: 14.068 min Scan# 2405
Delta R.T. -0.015 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

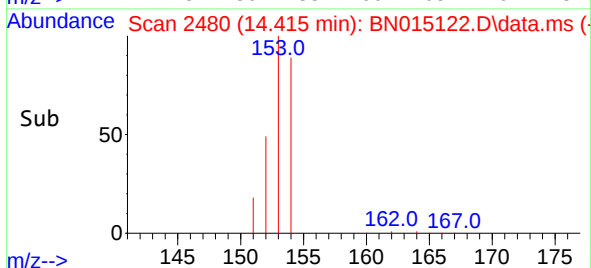
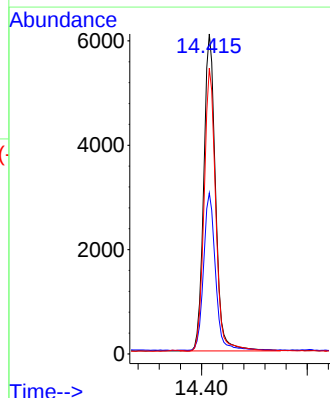
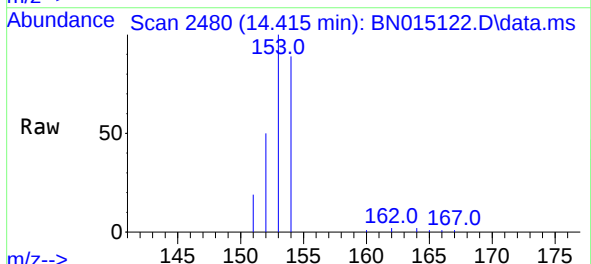
Instrument :
BNA_N
ClientSampleId :
SLCS232

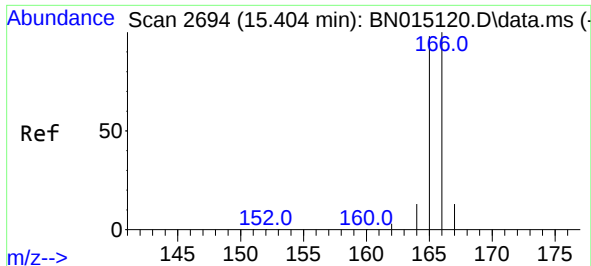
Tgt Ion:152	Resp:	12532
Ion Ratio	Lower	Upper
152	100	
151	20.1	16.0 24.0
153	13.5	10.9 16.3



#11
Acenaphthene
Concen: 0.344 ng/ul
RT: 14.415 min Scan# 2480
Delta R.T. -0.010 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

Tgt Ion:153	Resp:	9419
Ion Ratio	Lower	Upper
153	100	
152	50.3	39.8 59.6
154	89.3	69.8 104.8



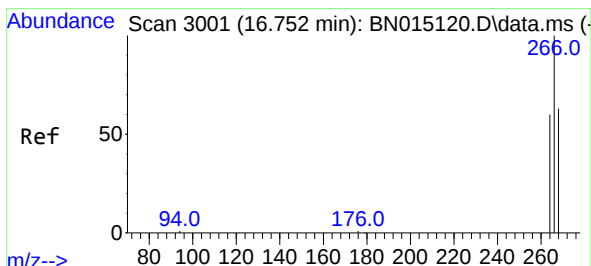
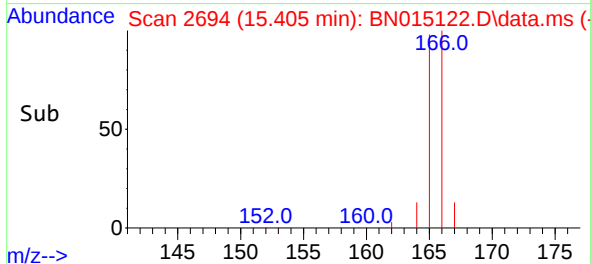
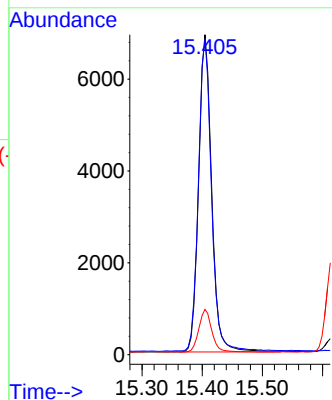
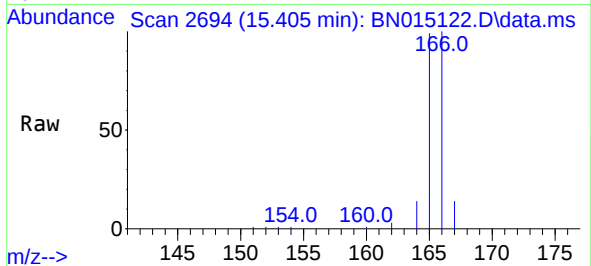


#12
Fluorene
Concen: 0.342 ng/ul
RT: 15.405 min Scan# 2694
Delta R.T. -0.010 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

Instrument :
BNA_N
ClientSampleId :
SLCS232

Tgt Ion:166 Resp: 10358

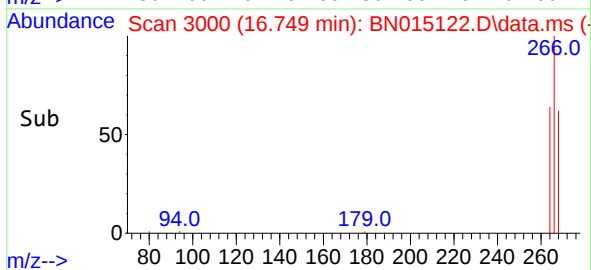
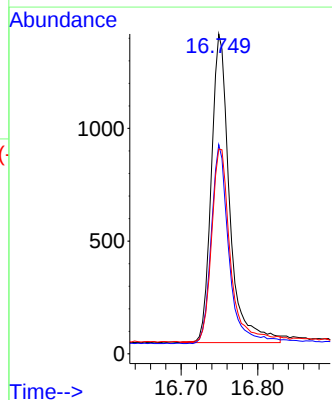
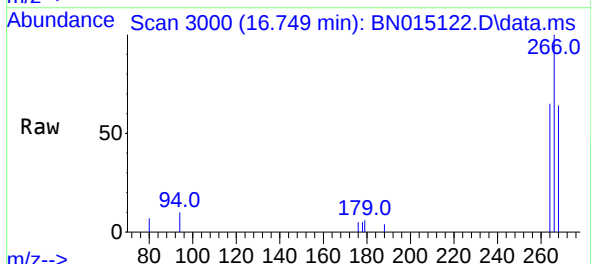
Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.8
167	14.2	11.2	16.8

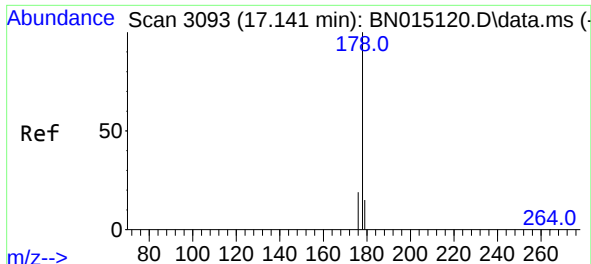


#14
Pentachlorophenol
Concen: 0.747 ng/ul
RT: 16.749 min Scan# 3000
Delta R.T. -0.009 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

Tgt Ion:266 Resp: 2273

Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.2	75.2
268	64.0	51.8	77.6

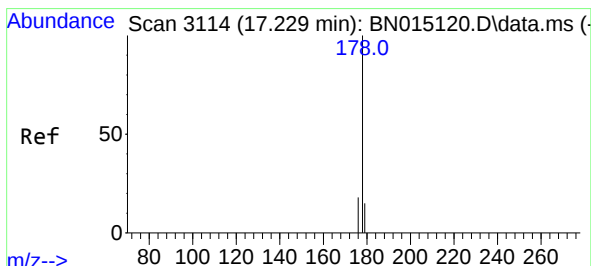
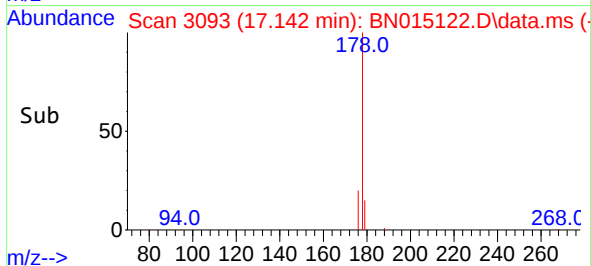
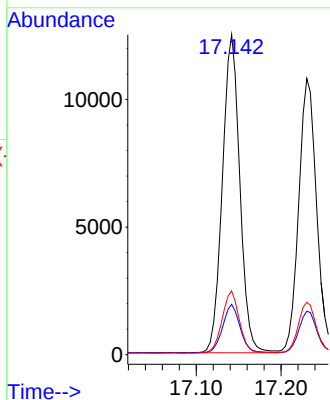
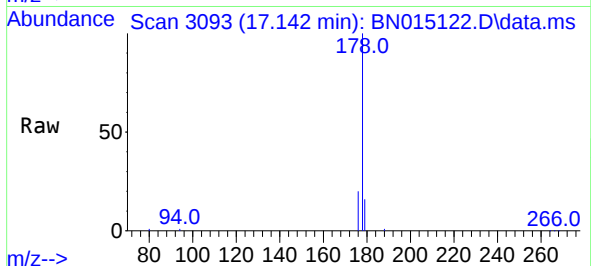




#15
Phenanthrene
Concen: 0.356 ng/u1
RT: 17.142 min Scan# 3093
Delta R.T. -0.009 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

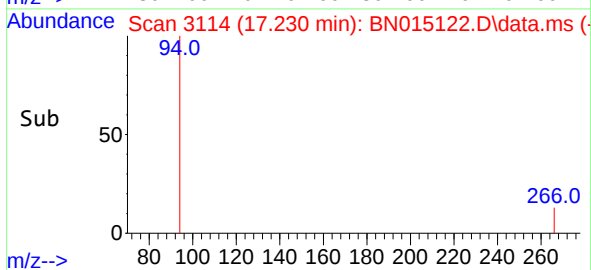
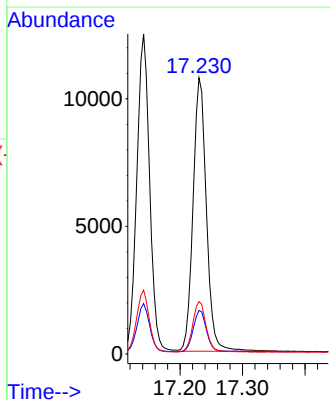
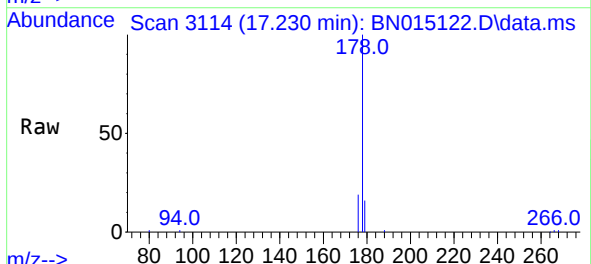
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ClientSampleId :
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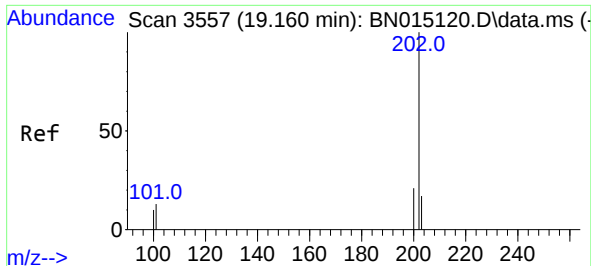
Tgt Ion:178	Resp:	17802
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.3 18.5
176	20.0	15.5 23.3



#16
Anthracene
Concen: 0.360 ng/u1
RT: 17.230 min Scan# 3114
Delta R.T. -0.014 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

Tgt Ion:178	Resp:	15859
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.8 19.2
176	18.9	15.2 22.8

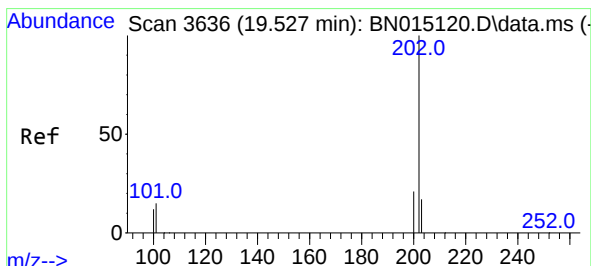
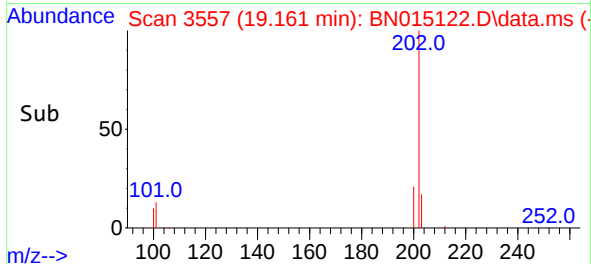
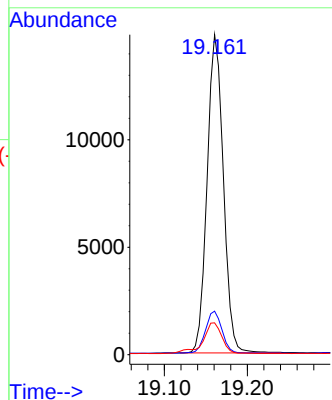
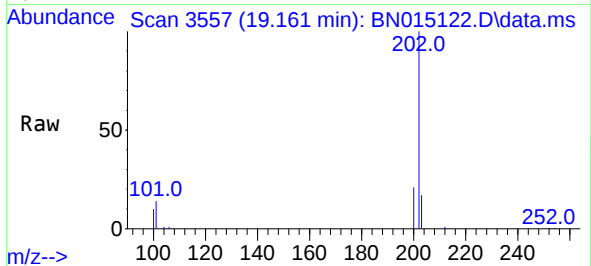




#19
Fluoranthene
Concen: 0.346 ng/ul
RT: 19.161 min Scan# 3557
Delta R.T. -0.015 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

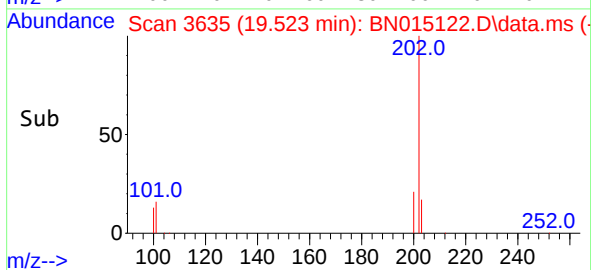
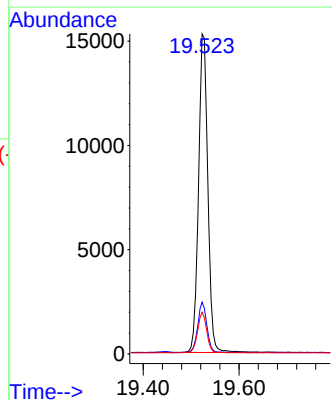
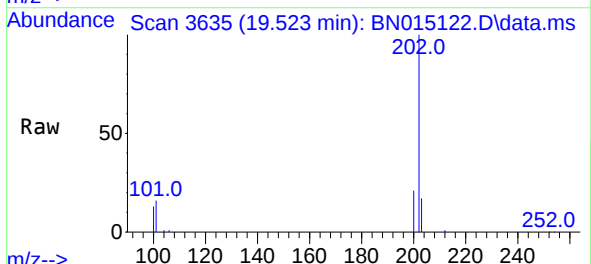
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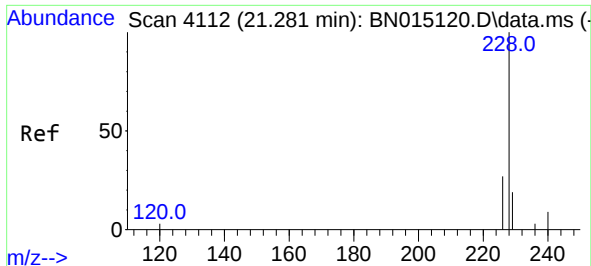
Tgt Ion:	202	Resp:	20220
Ion Ratio	Lower	Upper	
202	100		
101	13.6	10.1	15.1
100	9.9	7.4	11.0



#20
Pyrene
Concen: 0.353 ng/ul
RT: 19.523 min Scan# 3635
Delta R.T. -0.015 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

Tgt Ion:	202	Resp:	20699
Ion Ratio	Lower	Upper	
202	100		
101	16.2	12.0	18.0
100	13.1	9.6	14.4

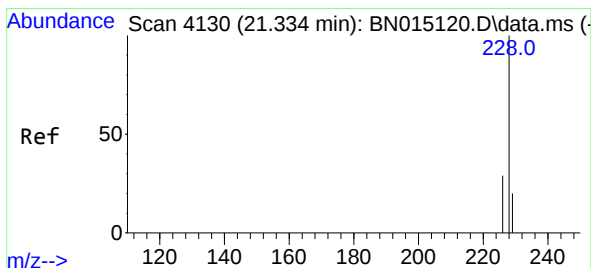
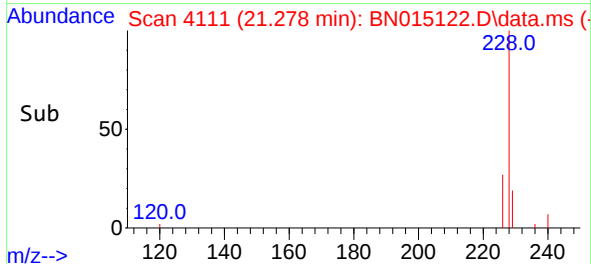
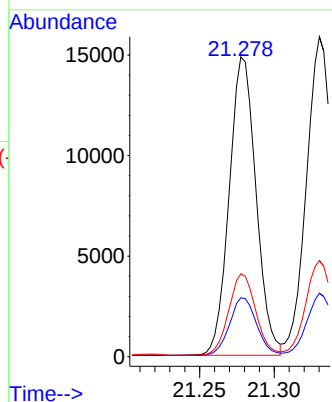
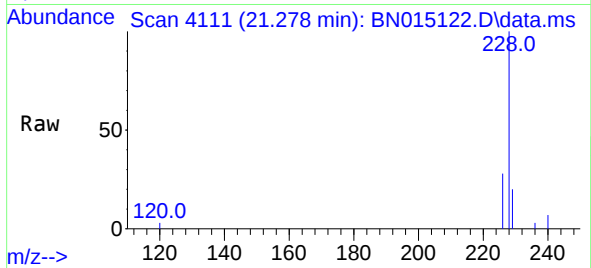




#21
Benzo(a)anthracene
Concen: 0.396 ng/ul
RT: 21.278 min Scan# 4111
Delta R.T. -0.018 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

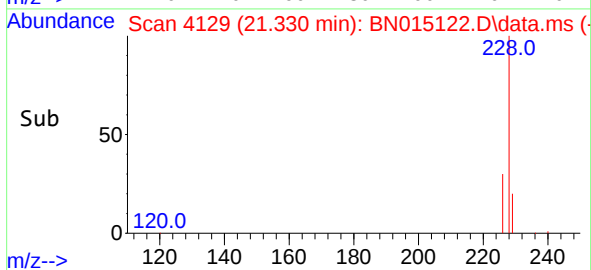
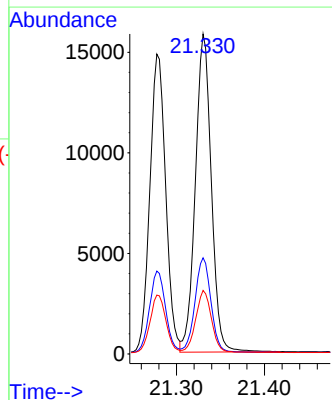
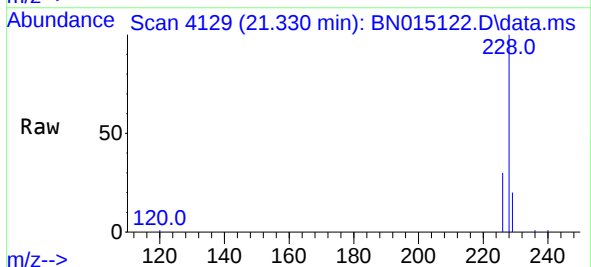
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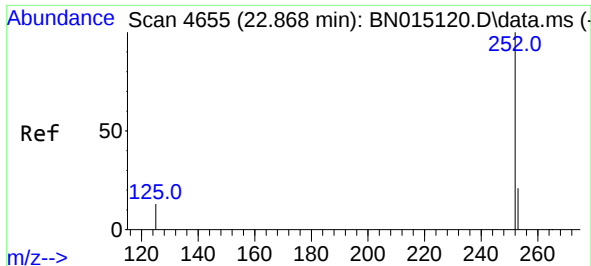
Tgt Ion:228	Resp:	18562
Ion Ratio	Lower	Upper
228	100	
229	19.6	15.8 23.8
226	27.6	21.8 32.8



#22
Chrysene
Concen: 0.356 ng/ul
RT: 21.330 min Scan# 4129
Delta R.T. -0.018 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

Tgt Ion:228	Resp:	19954
Ion Ratio	Lower	Upper
228	100	
226	30.1	24.6 37.0
229	19.9	15.7 23.5

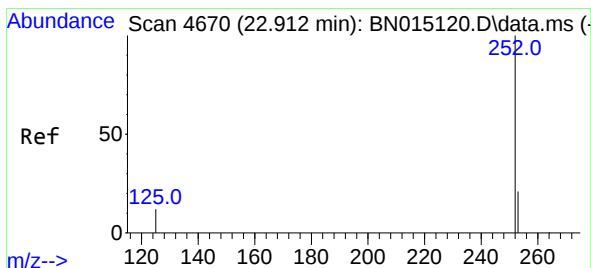
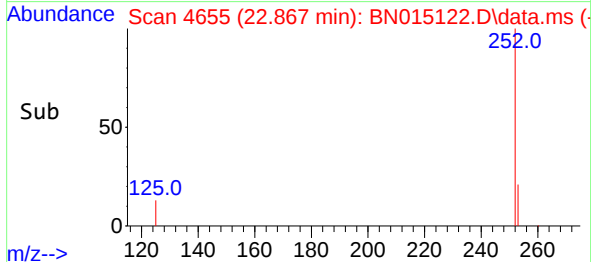
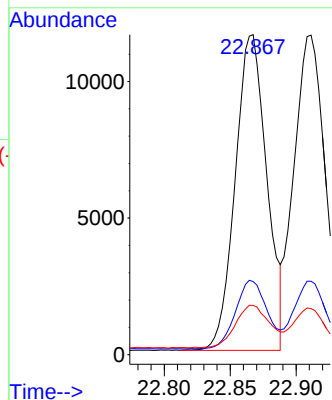
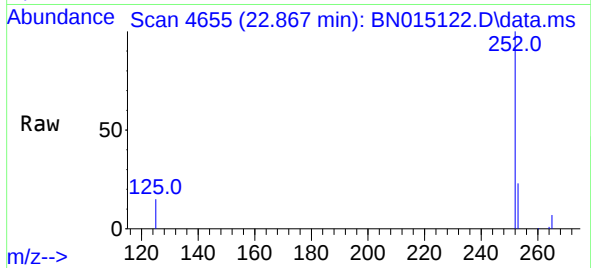




#24
Benzo(b)fluoranthene
Concen: 0.395 ng/ul
RT: 22.867 min Scan# 4655
Delta R.T. -0.027 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

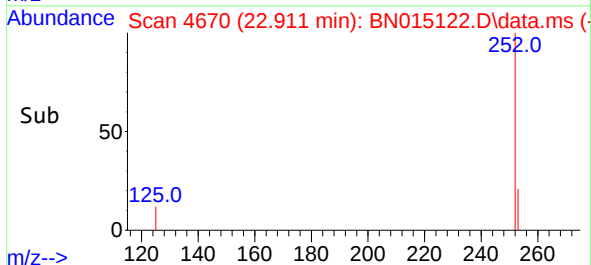
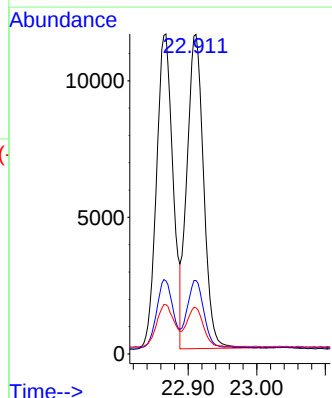
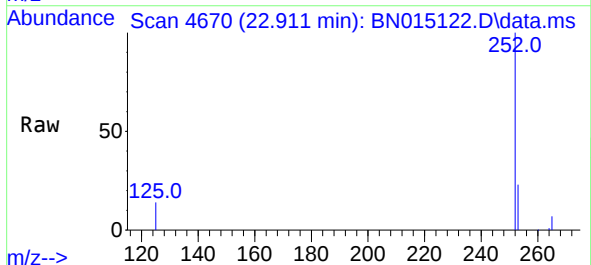
Instrument :
BNA_N
ClientSampleId :
SLCS232

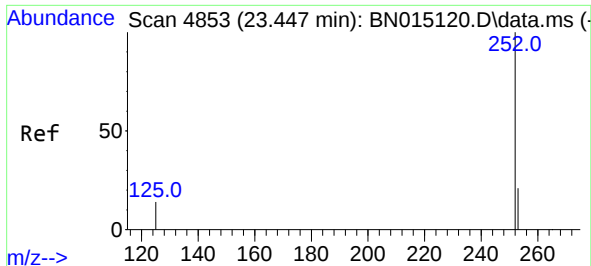
Tgt Ion:252 Resp: 19250
Ion Ratio Lower Upper
252 100
253 22.8 0.0 45.6
125 15.4 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 22.911 min Scan# 4670
Delta R.T. -0.027 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

Tgt Ion:252 Resp: 19280
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 14.4 11.5 17.3

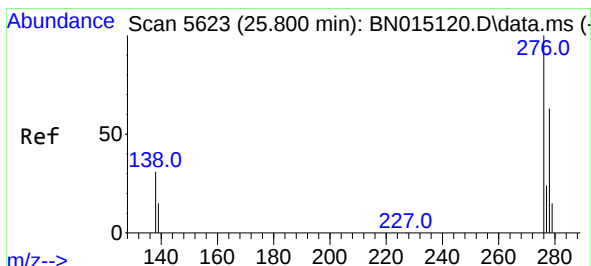
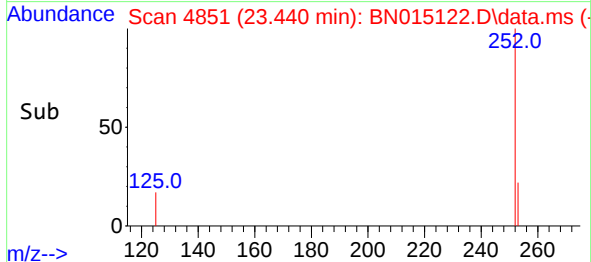
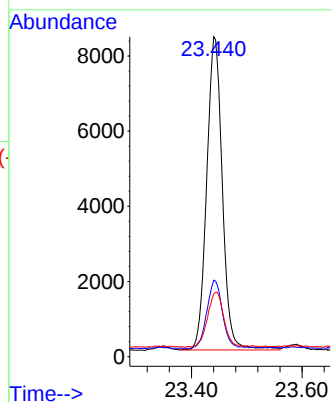
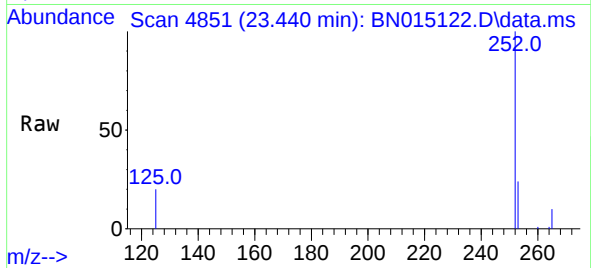




#26
Benzo(a)pyrene
Concen: 0.400 ng/ul
RT: 23.440 min Scan# 4851
Delta R.T. -0.030 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

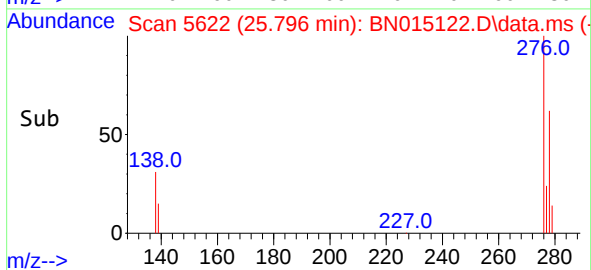
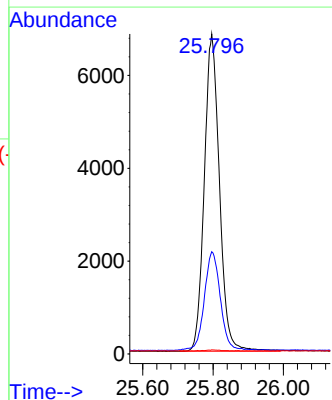
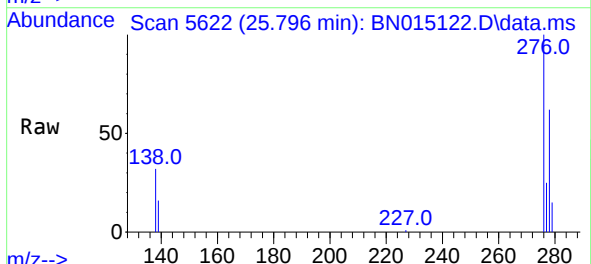
Instrument :
BNA_N
ClientSampleId :
SLCS232

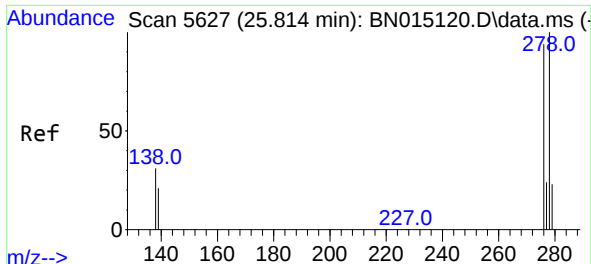
Tgt Ion:252	Resp:	16355
Ion Ratio	Lower	Upper
252	100	
253	23.9	18.9 28.3
125	19.6	13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng/ul
RT: 25.796 min Scan# 5622
Delta R.T. -0.044 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

Tgt Ion:276	Resp:	20450
Ion Ratio	Lower	Upper
276	100	
138	33.0	26.3 39.5
227	0.4	0.1 0.1#

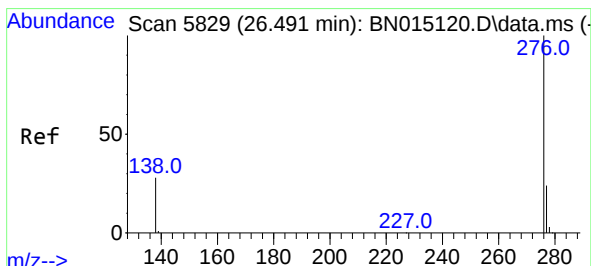
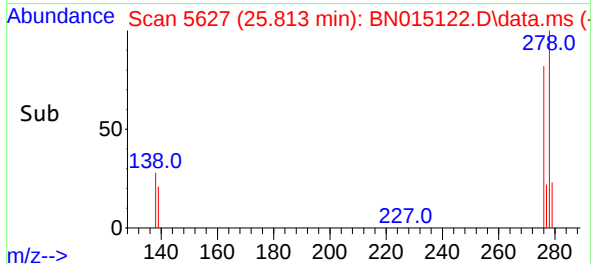
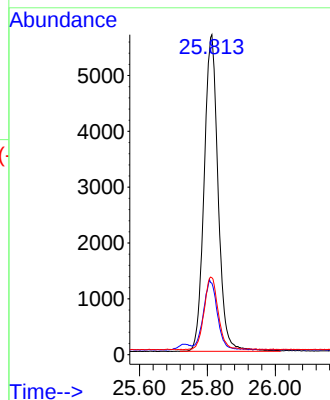
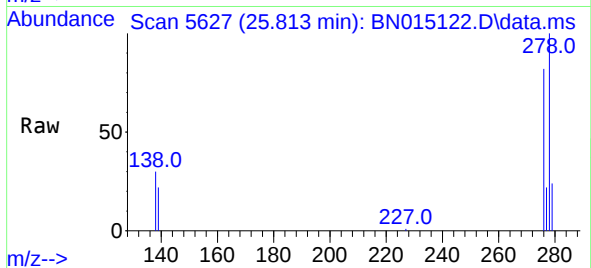




#28
Dibenzo(a,h)anthracene
Concen: 0.418 ng/ul
RT: 25.813 min Scan# 5627
Delta R.T. -0.048 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

Instrument :
BNA_N
ClientSampleId :
SLCS232

Tgt Ion:278 Resp: 16195
Ion Ratio Lower Upper
278 100
139 22.4 18.9 28.3
279 24.1 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.373 ng/ul
RT: 26.484 min Scan# 5827
Delta R.T. -0.041 min
Lab File: BN015122.D
Acq: 26 Jun 2021 18:48

Tgt Ion:276 Resp: 17075
Ion Ratio Lower Upper
276 100
138 28.5 23.0 34.4
277 24.2 19.3 28.9

