

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015162.D
 Acq On : 27 Jun 2021 21:38
 Operator : CG/JU
 Sample : PB137315BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS315

Quant Time: Jun 28 01:29:36 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)

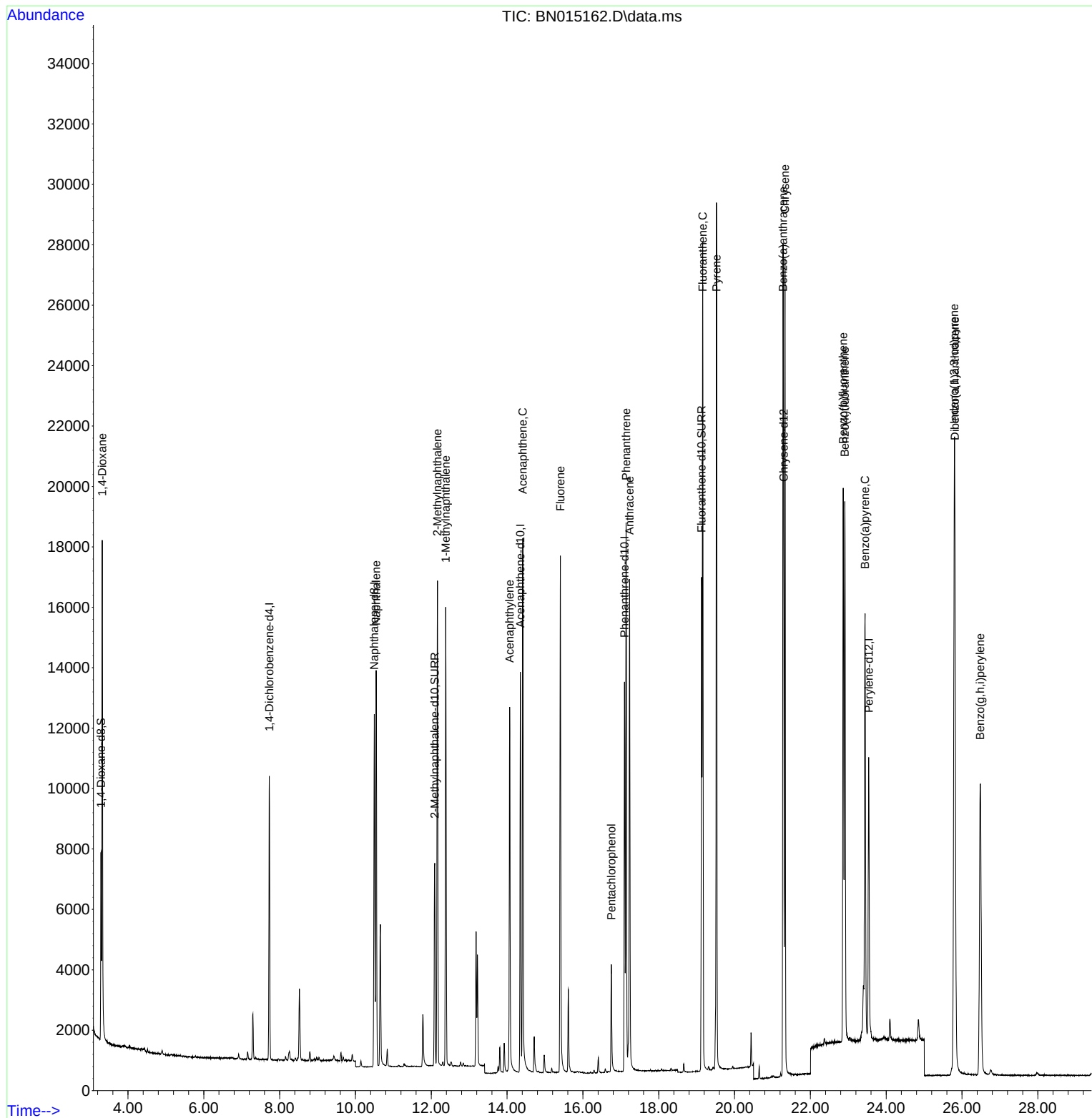
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	4561	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.496	136	15344	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.350	164	7582	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.099	188	15198	0.400	ng/ul	-0.01
17) Chrysene-d12	21.295	240	13097	0.400	ng/ul	-0.02
23) Perylene-d12	23.540	264	11901	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	3893	0.757	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	8890	0.369	ng/ul	-0.01
18) Fluoranthene-d10	19.128	212	17353	0.403	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.319	88	10377	1.868	ng/ul#	85
5) Naphthalene	10.545	128	17559	0.359	ng/ul	100
7) 2-Methylnaphthalene	12.162	142	11307	0.353	ng/ul	100
8) 1-Methylnaphthalene	12.382	142	10433	0.337	ng/ul	99
10) Acenaphthylene	14.067	152	14619	0.373	ng/ul	99
11) Acenaphthene	14.414	153	10843	0.361	ng/ul	99
12) Fluorene	15.404	166	11923	0.359	ng/ul	98
14) Pentachlorophenol	16.749	266	2587	0.769	ng/ul	100
15) Phenanthrene	17.142	178	20276	0.368	ng/ul	99
16) Anthracene	17.230	178	18338	0.377	ng/ul	100
19) Fluoranthene	19.160	202	23143	0.382	ng/ul	99
20) Pyrene	19.523	202	23581	0.389	ng/ul	97
21) Benzo(a)anthracene	21.278	228	21269	0.438	ng/ul	100
22) Chrysene	21.330	228	22603	0.389	ng/ul	100
24) Benzo(b)fluoranthene	22.864	252	22733	0.409	ng/ul	99
25) Benzo(k)fluoranthene	22.908	252	22572	0.360	ng/ul	100
26) Benzo(a)pyrene	23.440	252	19446	0.416	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.796	276	24344	0.432	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.809	278	19126	0.433	ng/ul	98
29) Benzo(g,h,i)perylene	26.480	276	20398	0.390	ng/ul	99

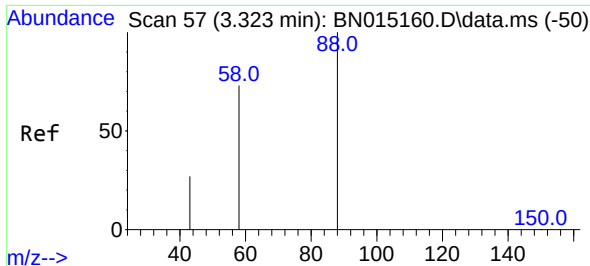
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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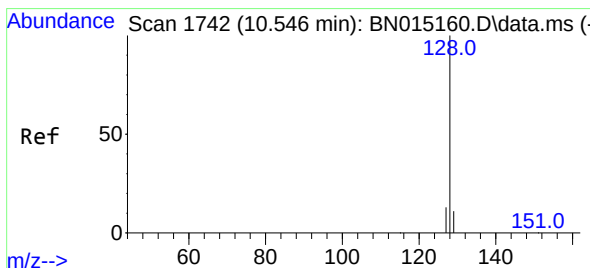
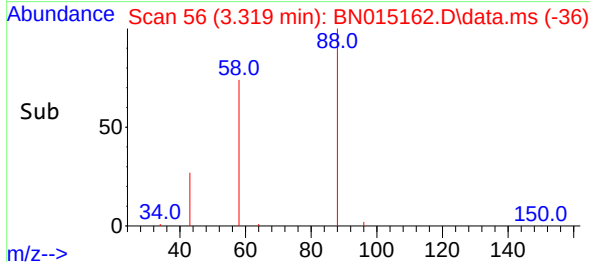
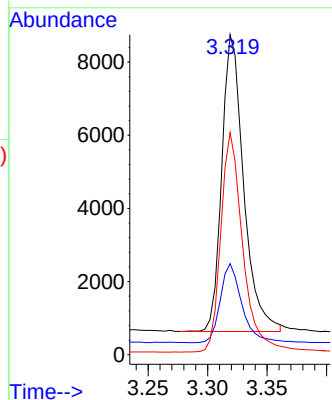
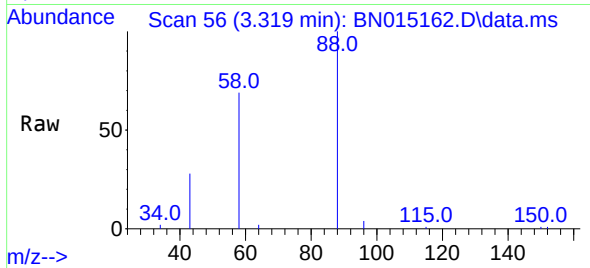




#2
1,4-Dioxane
Concen: 1.868 ng/ul
RT: 3.319 min Scan# 56
Delta R.T. -0.014 min
Lab File: BN015162.D
Acq: 27 Jun 2021 21:38

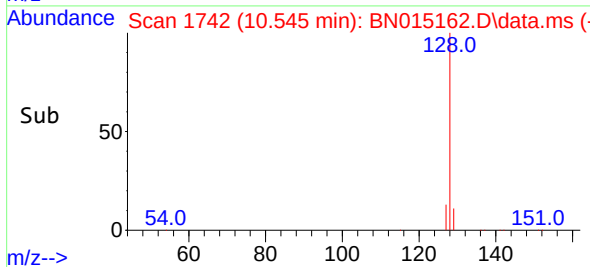
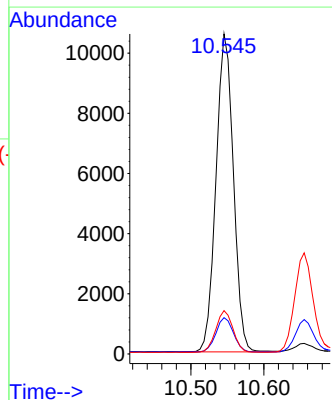
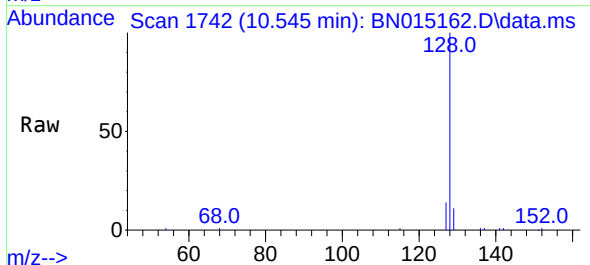
Instrument :
BNA_N
ClientSampled :
SLCS315

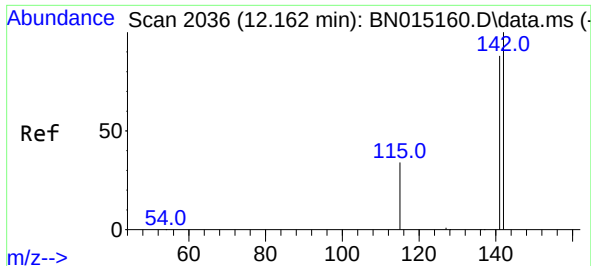
Tgt Ion: 88 Resp: 10377
Ion Ratio Lower Upper
88 100
43 28.4 24.9 37.3
58 69.4 43.4 65.0#



#5
Naphthalene
Concen: 0.359 ng/ul
RT: 10.545 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015162.D
Acq: 27 Jun 2021 21:38

Tgt Ion:128 Resp: 17559
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.5 10.8 16.2

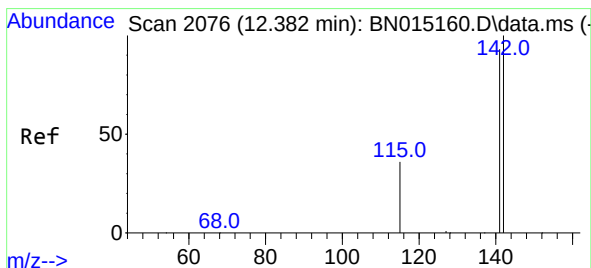
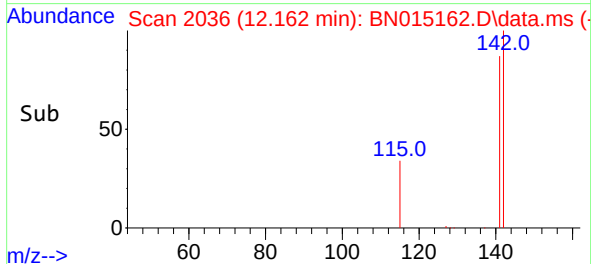
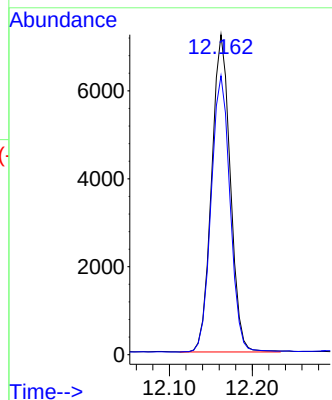
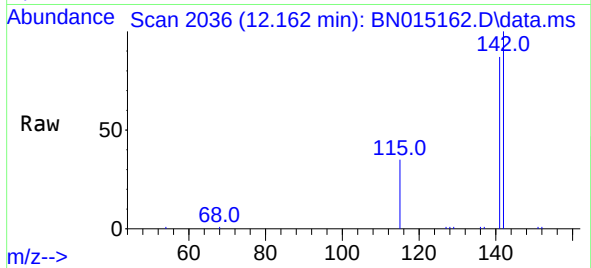




#7
2-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015162.D
Acq: 27 Jun 2021 21:38

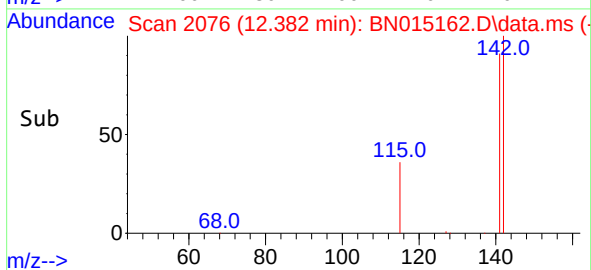
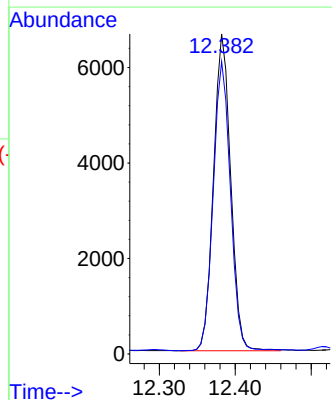
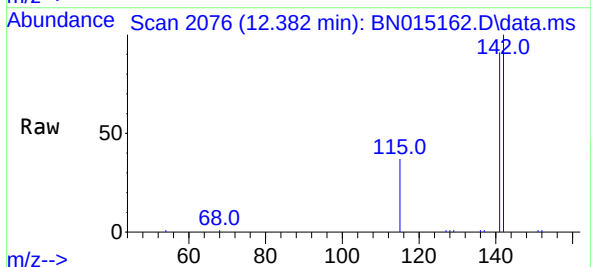
Instrument :
BNA_N
ClientSampled :
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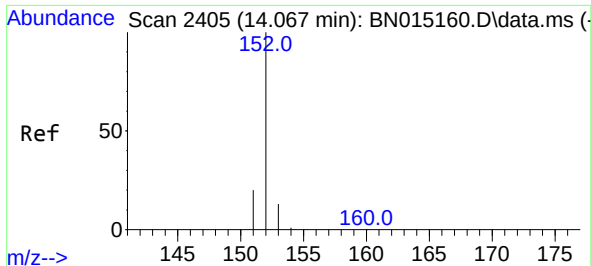
Tgt Ion:142 Resp: 11307
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.013 min
Lab File: BN015162.D
Acq: 27 Jun 2021 21:38

Tgt Ion:142 Resp: 10433
Ion Ratio Lower Upper
142 100
141 91.5 74.2 111.4

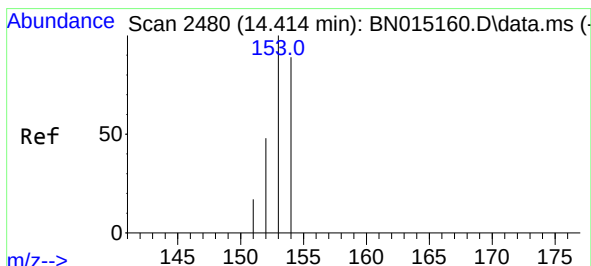
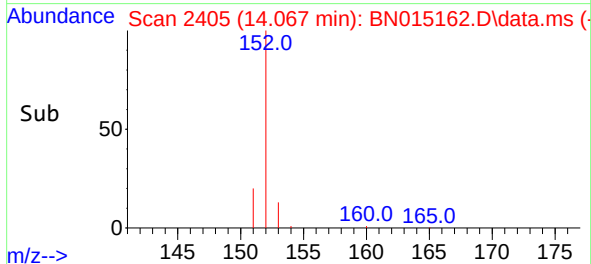
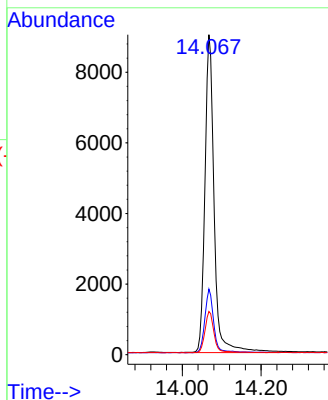
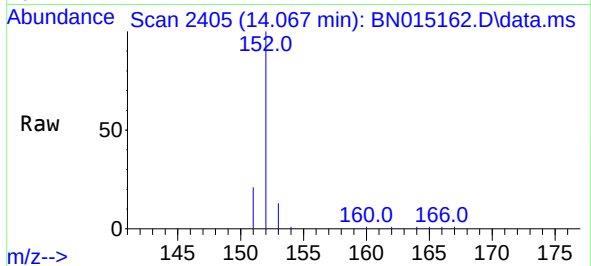




#10
Acenaphthylene
Concen: 0.373 ng/ul
RT: 14.067 min Scan# 2405
Delta R.T. -0.015 min
Lab File: BN015162.D
Acq: 27 Jun 2021 21:38

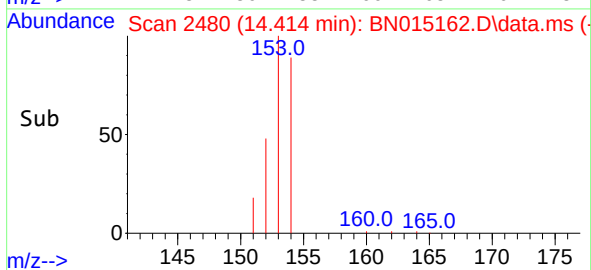
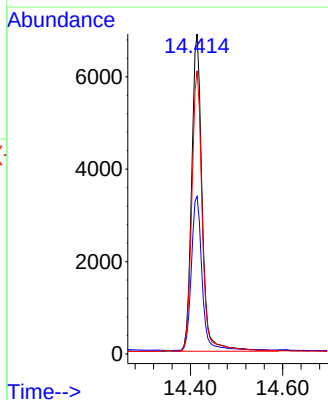
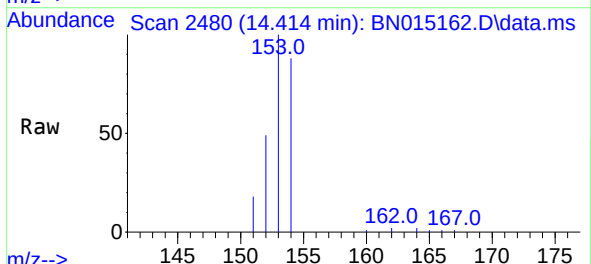
Instrument :
BNA_N
ClientSampleId :
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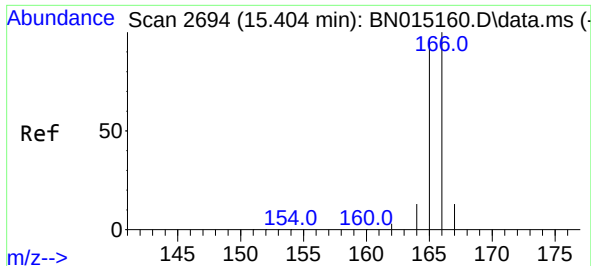
Tgt Ion:152	Resp:	14619
Ion Ratio	Lower	Upper
152	100	
151	20.5	16.0 24.0
153	13.5	10.9 16.3



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.010 min
Lab File: BN015162.D
Acq: 27 Jun 2021 21:38

Tgt Ion:153	Resp:	10843
Ion Ratio	Lower	Upper
153	100	
152	49.2	39.8 59.6
154	88.5	69.8 104.8

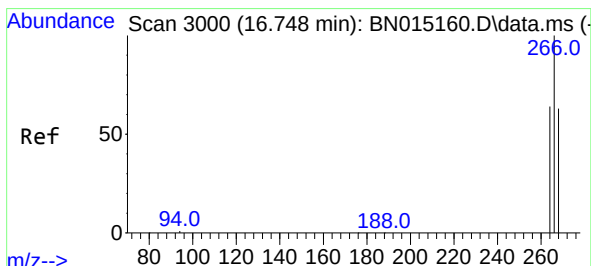
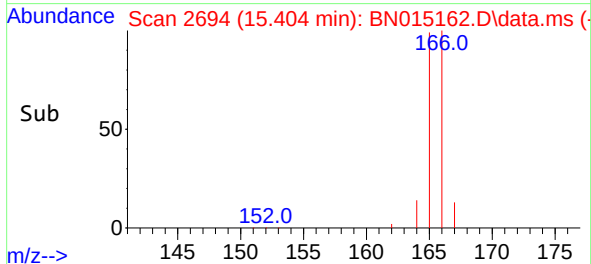
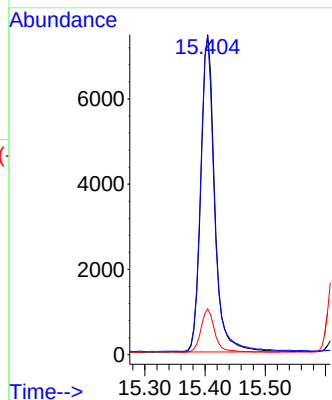
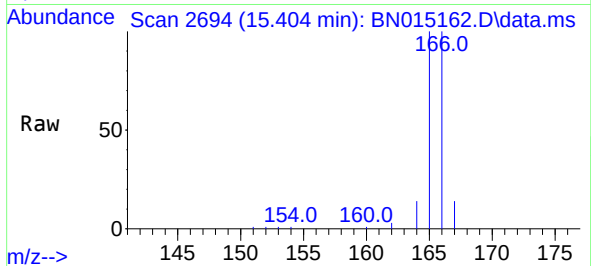




#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.404 min Scan# 2694
Delta R.T. -0.010 min
Lab File: BN015162.D
Acq: 27 Jun 2021 21:38

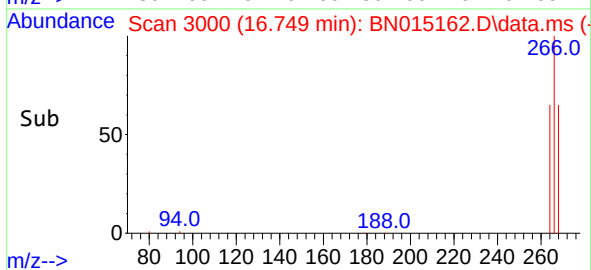
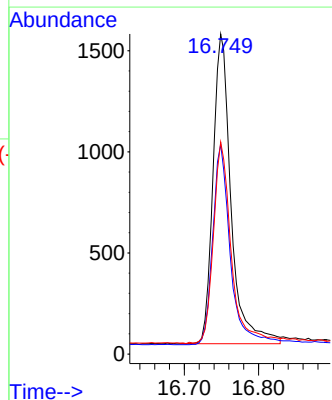
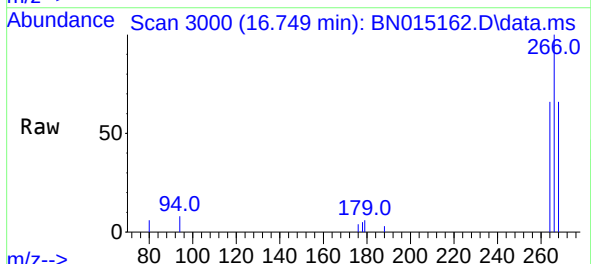
Instrument :
BNA_N
ClientSampled :
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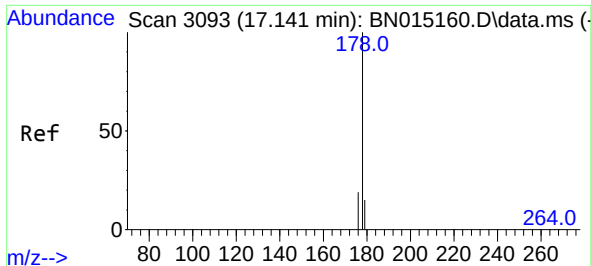
Tgt Ion:	166	Resp:	11923
Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.8	116.8
167	14.3	11.2	16.8



#14
Pentachlorophenol
Concen: 0.769 ng/ul
RT: 16.749 min Scan# 3000
Delta R.T. -0.009 min
Lab File: BN015162.D
Acq: 27 Jun 2021 21:38

Tgt Ion:	266	Resp:	2587
Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.2	75.2
268	64.7	51.8	77.6

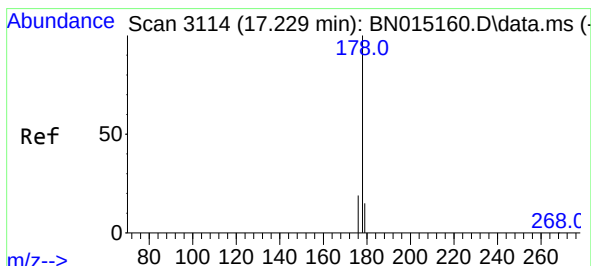
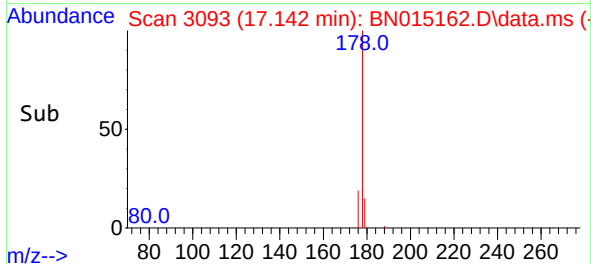
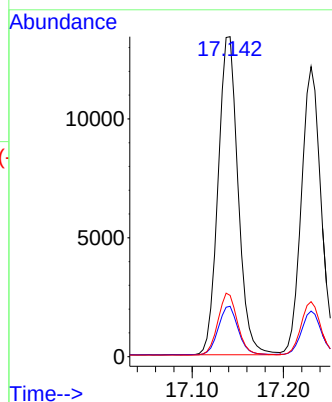
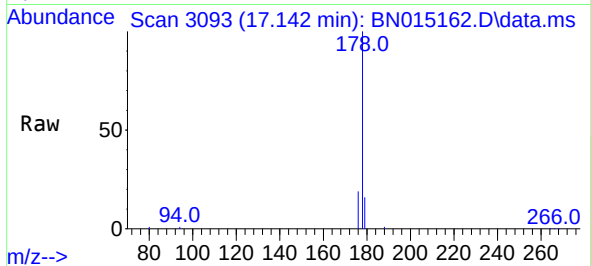




#15
Phenanthrene
Concen: 0.368 ng/u1
RT: 17.142 min Scan# 3093
Delta R.T. -0.009 min
Lab File: BN015162.D
Acq: 27 Jun 2021 21:38

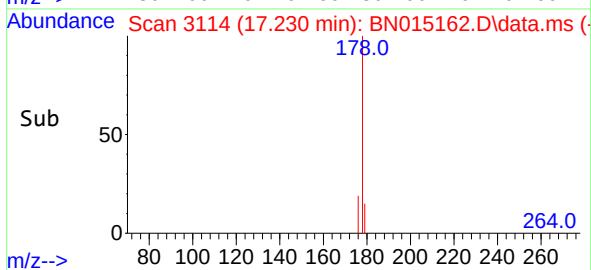
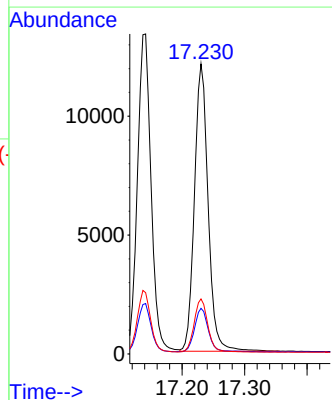
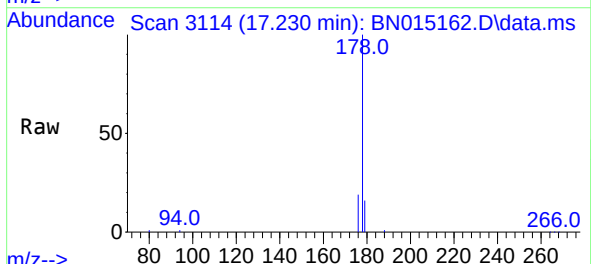
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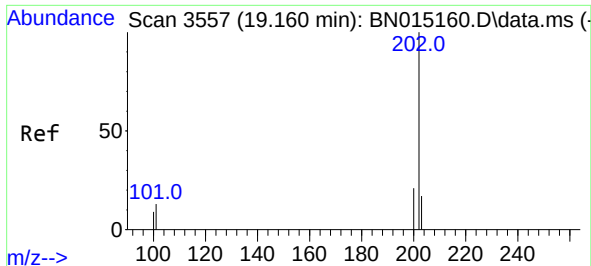
Tgt Ion:	178	Resp:	20276
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	19.2	15.5	23.3



#16
Anthracene
Concen: 0.377 ng/u1
RT: 17.230 min Scan# 3114
Delta R.T. -0.014 min
Lab File: BN015162.D
Acq: 27 Jun 2021 21:38

Tgt Ion:	178	Resp:	18338
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.8	19.2
176	19.0	15.2	22.8

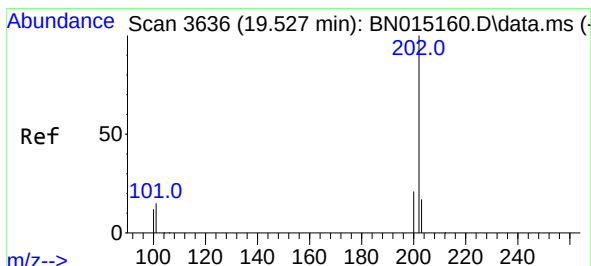
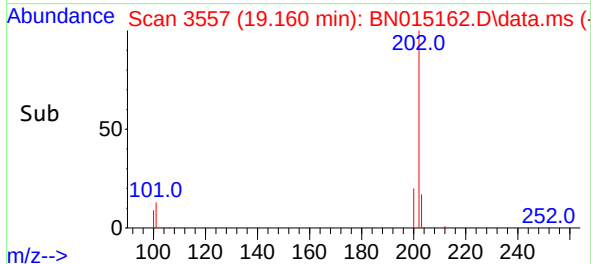
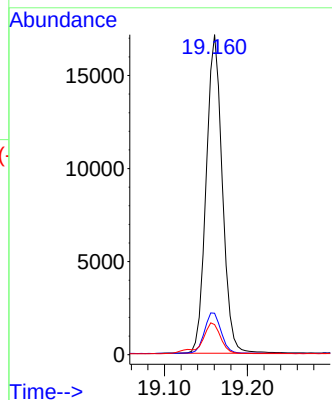
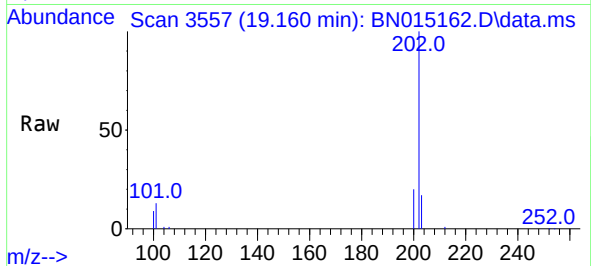




#19
Fluoranthene
Concen: 0.382 ng/ul
RT: 19.160 min Scan# 3557
Delta R.T. -0.015 min
Lab File: BN015162.D
Acq: 27 Jun 2021 21:38

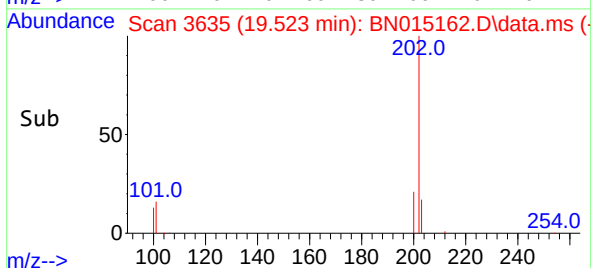
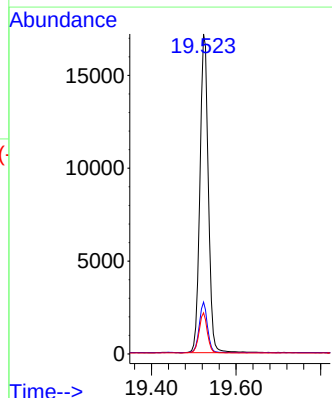
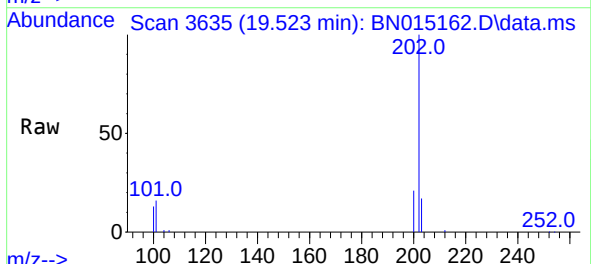
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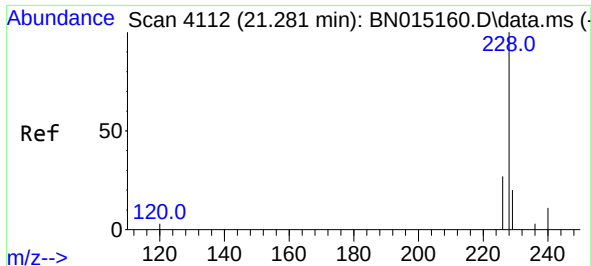
Tgt Ion:	202	Resp:	23143
Ion Ratio	Lower	Upper	
202	100		
101	13.0	10.1	15.1
100	9.4	7.4	11.0



#20
Pyrene
Concen: 0.389 ng/ul
RT: 19.523 min Scan# 3635
Delta R.T. -0.015 min
Lab File: BN015162.D
Acq: 27 Jun 2021 21:38

Tgt Ion:	202	Resp:	23581
Ion Ratio	Lower	Upper	
202	100		
101	16.2	12.0	18.0
100	12.8	9.6	14.4



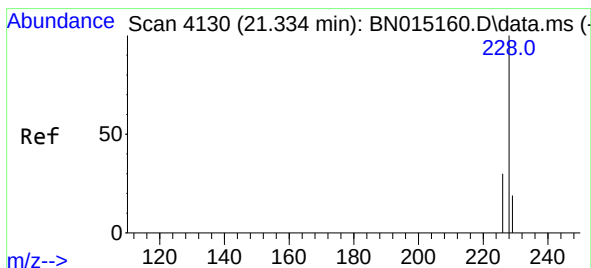
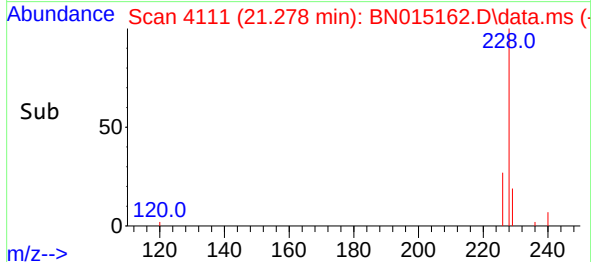
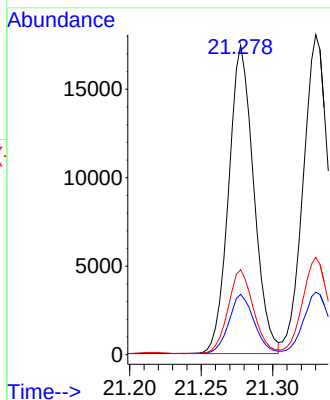
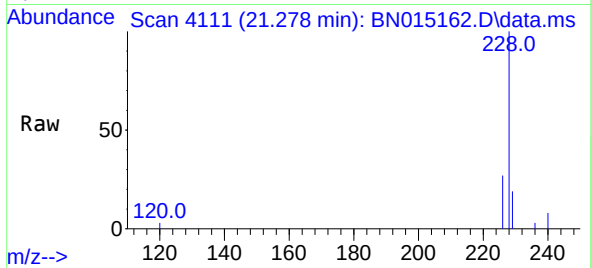


#21
Benzo(a)anthracene
Concen: 0.438 ng/ul
RT: 21.278 min Scan# 4111
Delta R.T. -0.019 min
Lab File: BN015162.D
Acq: 27 Jun 2021 21:38

Instrument :
BNA_N
ClientSampleId :
SLCS315

Tgt Ion:228 Resp: 21269

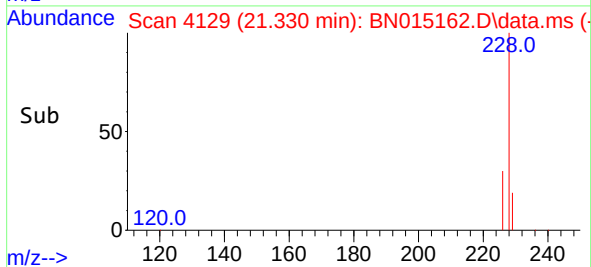
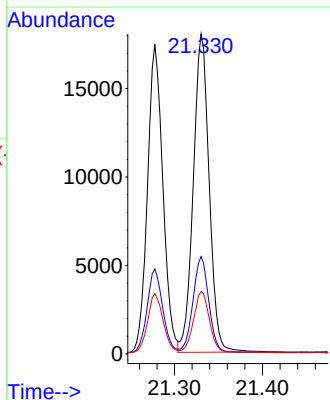
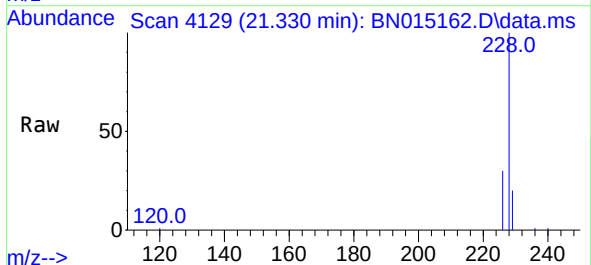
Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.8	23.8
226	27.4	21.8	32.8

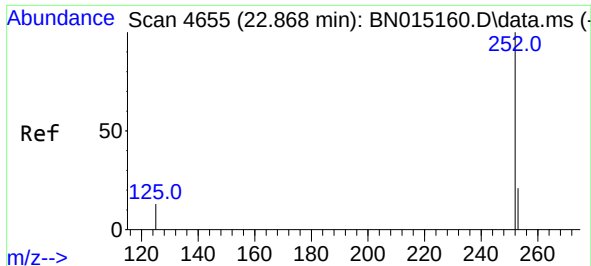


#22
Chrysene
Concen: 0.389 ng/ul
RT: 21.330 min Scan# 4129
Delta R.T. -0.019 min
Lab File: BN015162.D
Acq: 27 Jun 2021 21:38

Tgt Ion:228 Resp: 22603

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	19.5	15.7	23.5





#24

Benzo(b)fluoranthene

Concen: 0.409 ng/ul

RT: 22.864 min Scan# 4654

Delta R.T. -0.030 min

Lab File: BN015162.D

Acq: 27 Jun 2021 21:38

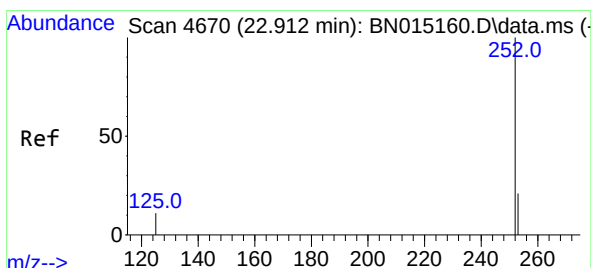
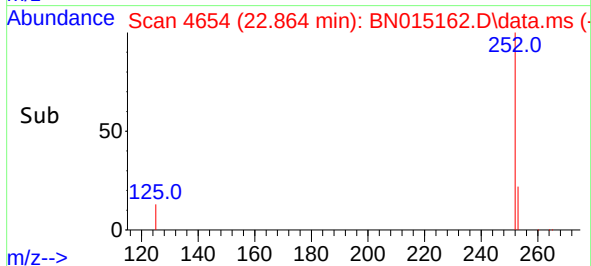
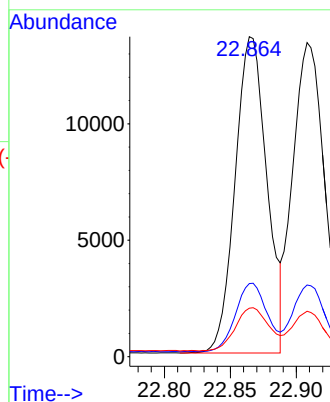
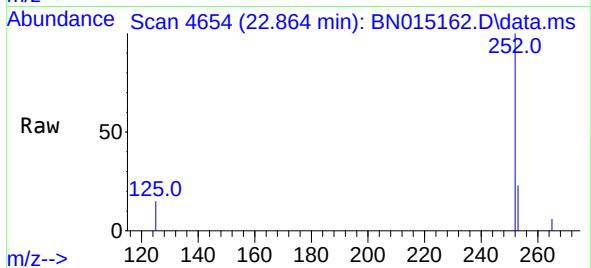
Tgt Ion:252	Resp:	22733
Ion Ratio	Lower	Upper
252	100	
253	22.9	0.0 45.6
125	15.2	0.0 28.4

Instrument :

BNA_N

ClientSampleId :

SLCS315



#25

Benzo(k)fluoranthene

Concen: 0.360 ng/ul

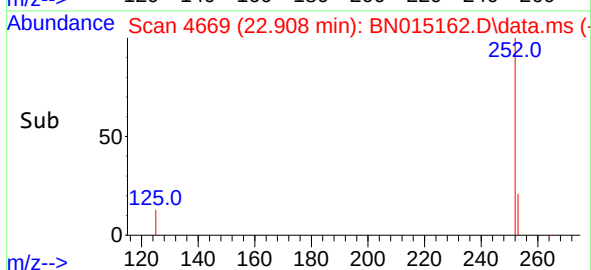
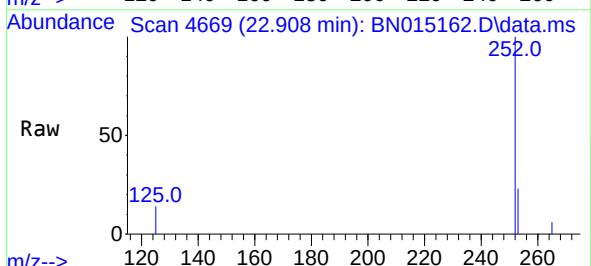
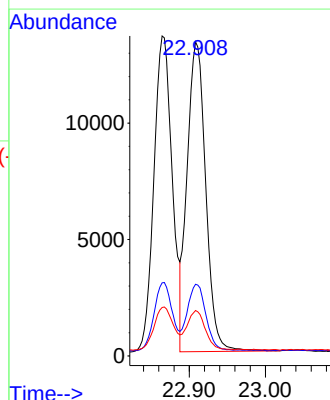
RT: 22.908 min Scan# 4669

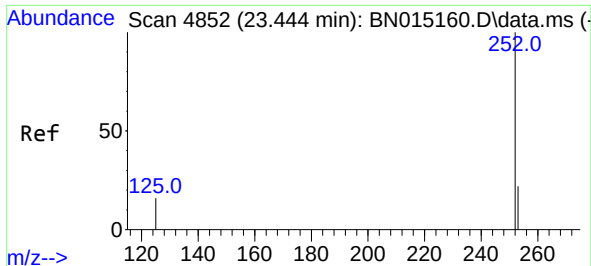
Delta R.T. -0.030 min

Lab File: BN015162.D

Acq: 27 Jun 2021 21:38

Tgt Ion:252	Resp:	22572
Ion Ratio	Lower	Upper
252	100	
253	22.8	18.1 27.1
125	14.5	11.5 17.3

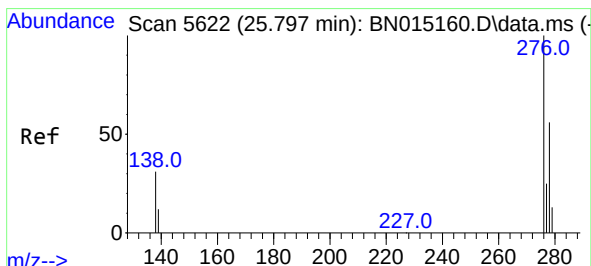
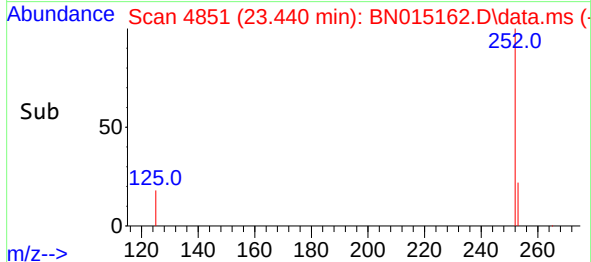
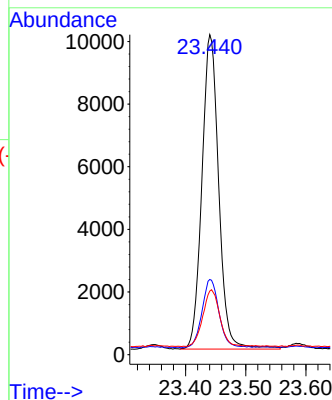
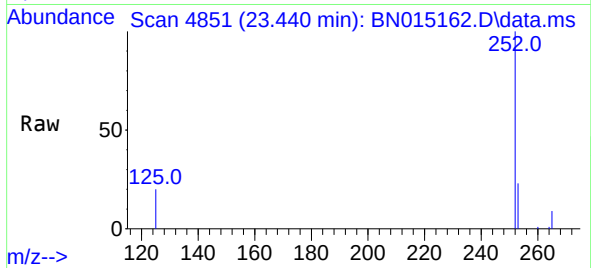




#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 23.440 min Scan# 4851
Delta R.T. -0.030 min
Lab File: BN015162.D
Acq: 27 Jun 2021 21:38

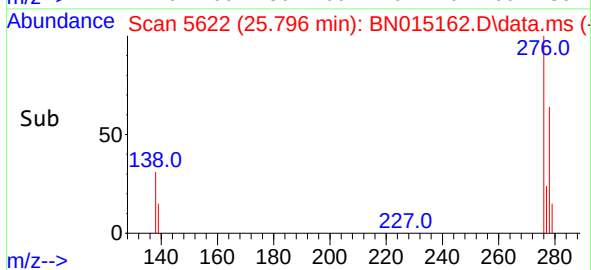
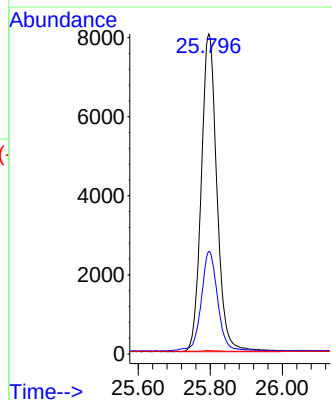
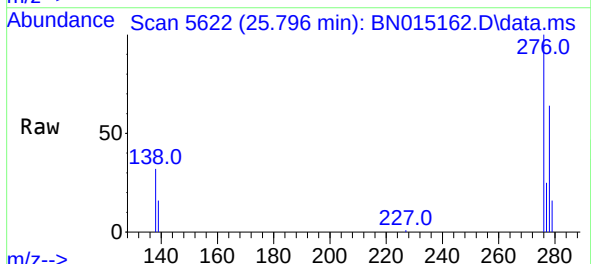
Instrument :
BNA_N
ClientSampleId :
SLCS315

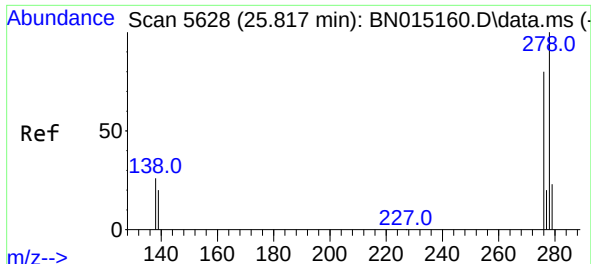
Tgt Ion:252	Resp:	19446
Ion Ratio	Lower	Upper
252	100	
253	23.5	18.9 28.3
125	19.9	13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.432 ng/ul
RT: 25.796 min Scan# 5622
Delta R.T. -0.045 min
Lab File: BN015162.D
Acq: 27 Jun 2021 21:38

Tgt Ion:276	Resp:	24344
Ion Ratio	Lower	Upper
276	100	
138	32.6	26.3 39.5
227	0.3	0.1 0.1#

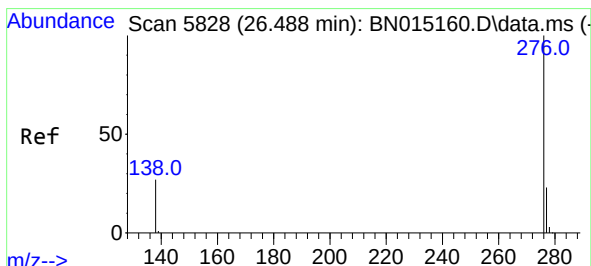
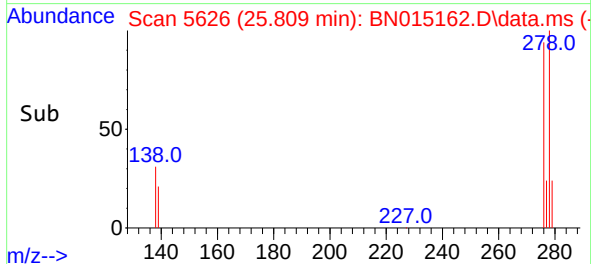
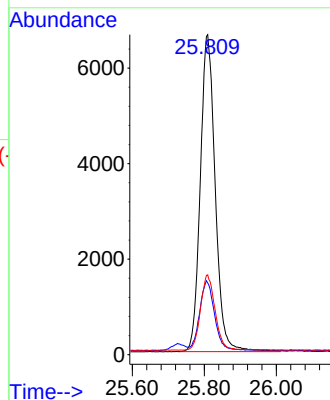
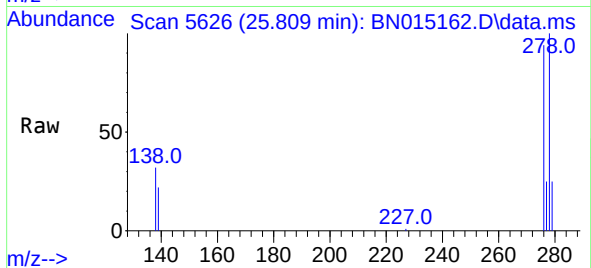




#28
Dibenzo(a,h)anthracene
Concen: 0.433 ng/ul
RT: 25.809 min Scan# 5626
Delta R.T. -0.051 min
Lab File: BN015162.D
Acq: 27 Jun 2021 21:38

Instrument :
BNA_N
ClientSampleId :
SLCS315

Tgt Ion:278 Resp: 19126
Ion Ratio Lower Upper
278 100
139 22.4 18.9 28.3
279 25.0 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.390 ng/ul
RT: 26.480 min Scan# 5826
Delta R.T. -0.045 min
Lab File: BN015162.D
Acq: 27 Jun 2021 21:38

Tgt Ion:276 Resp: 20398
Ion Ratio Lower Upper
276 100
138 28.1 23.0 34.4
277 24.8 19.3 28.9

