

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015148.D
 Acq On : 27 Jun 2021 12:06
 Operator : CG/JU
 Sample : PN137262BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS262

Quant Time: Jun 28 01:27:33 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)

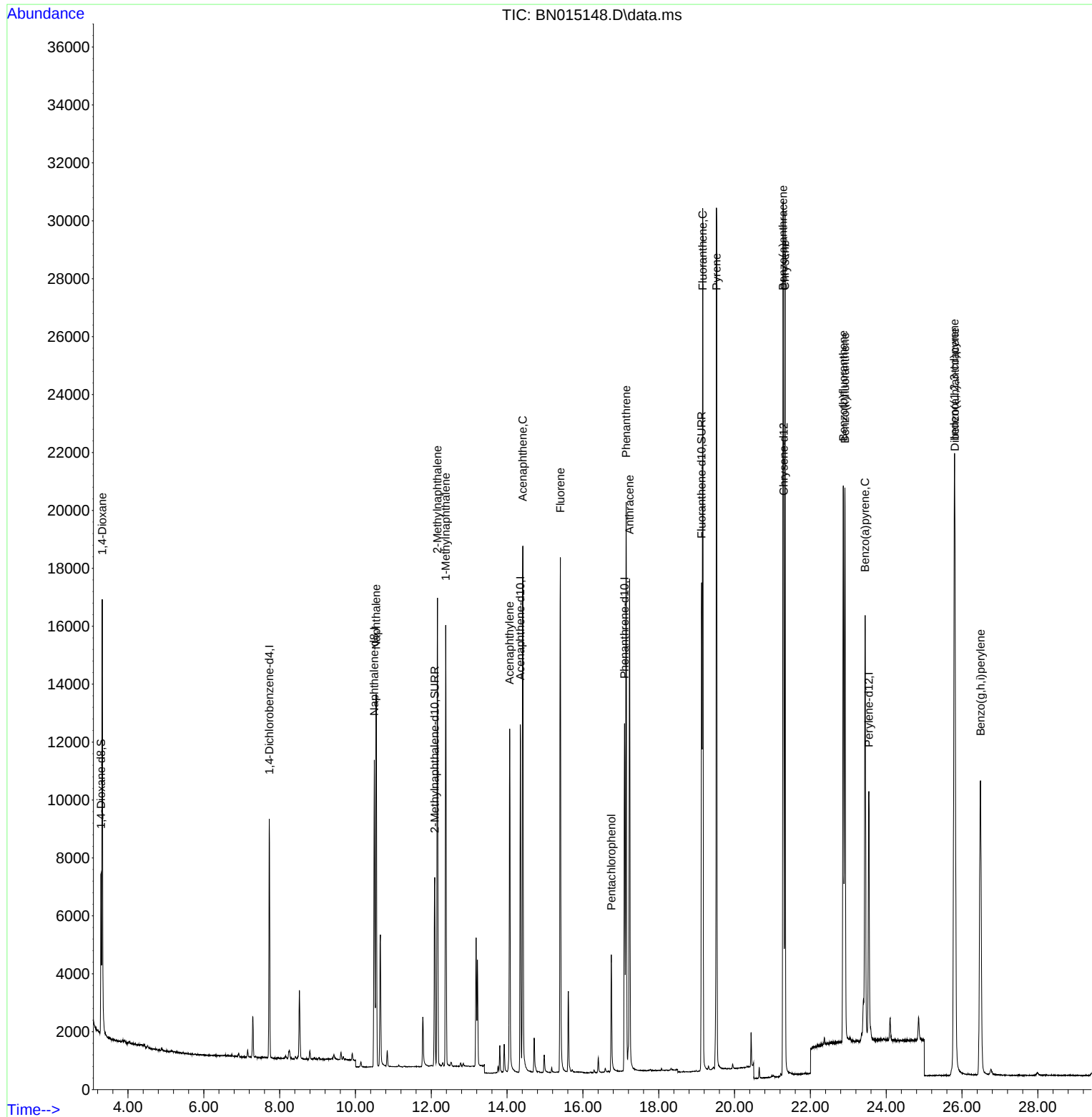
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	4048	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.496	136	13839	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.349	164	7003	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.099	188	14411	0.400	ng/ul	-0.01
17) Chrysene-d12	21.296	240	12795	0.400	ng/ul	-0.02
23) Perylene-d12	23.541	264	11284	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	3548	0.778	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	8500	0.391	ng/ul	-0.01
18) Fluoranthene-d10	19.132	212	18176	0.432	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.319	88	9495	1.926	ng/ul#	86
5) Naphthalene	10.545	128	17119	0.388	ng/ul	100
7) 2-Methylnaphthalene	12.162	142	11141	0.386	ng/ul	99
8) 1-Methylnaphthalene	12.382	142	10308	0.369	ng/ul	99
10) Acenaphthylene	14.067	152	14325	0.396	ng/ul	100
11) Acenaphthene	14.414	153	10940	0.394	ng/ul	99
12) Fluorene	15.404	166	12151	0.396	ng/ul	100
14) Pentachlorophenol	16.748	266	2941	0.922	ng/ul	99
15) Phenanthrene	17.141	178	21289	0.407	ng/ul	100
16) Anthracene	17.229	178	19062	0.413	ng/ul	100
19) Fluoranthene	19.160	202	24655	0.417	ng/ul	97
20) Pyrene	19.522	202	25169	0.424	ng/ul	97
21) Benzo(a)anthracene	21.278	228	22794	0.481	ng/ul	99
22) Chrysene	21.331	228	24449	0.431	ng/ul	100
24) Benzo(b)fluoranthene	22.868	252	23779	0.451	ng/ul	99
25) Benzo(k)fluoranthene	22.912	252	24226	0.407	ng/ul	100
26) Benzo(a)pyrene	23.441	252	20384	0.460	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.797	276	25712	0.481	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.810	278	20270	0.483	ng/ul	97
29) Benzo(g,h,i)perylene	26.488	276	21418	0.432	ng/ul	100

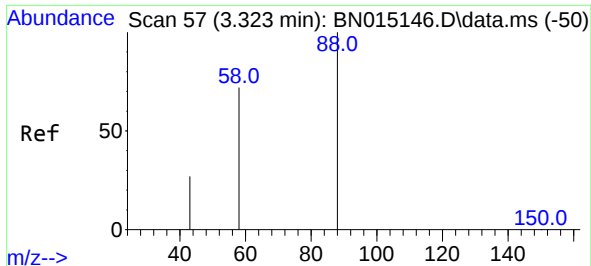
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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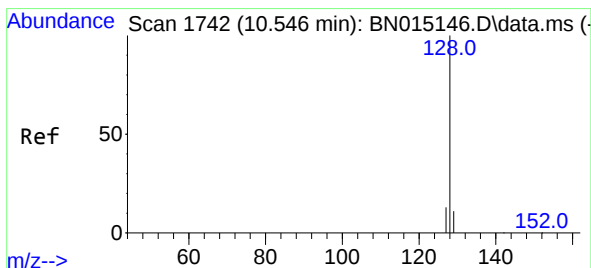
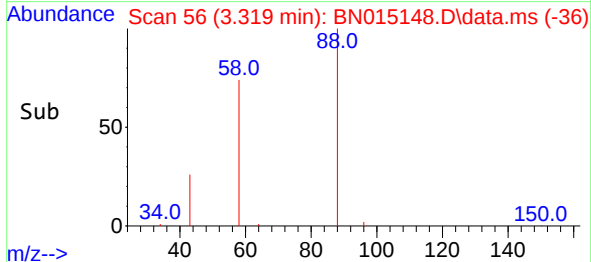
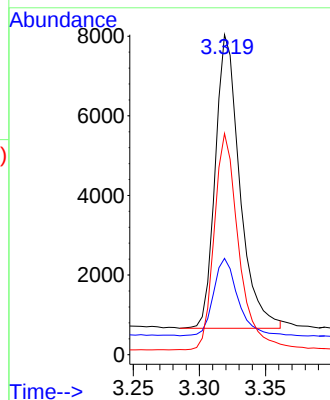
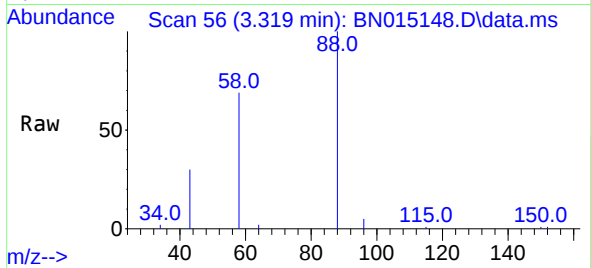




#2
1,4-Dioxane
Concen: 1.926 ng/ul
RT: 3.319 min Scan# 56
Delta R.T. -0.014 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

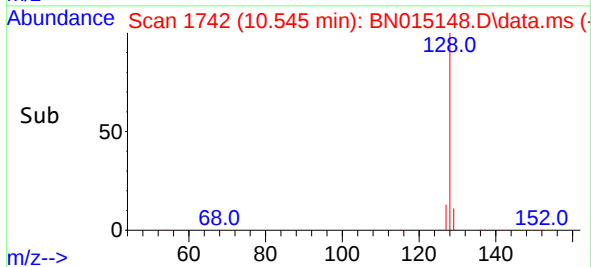
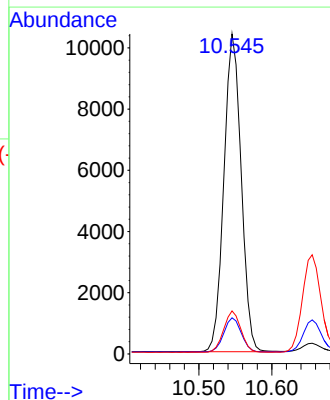
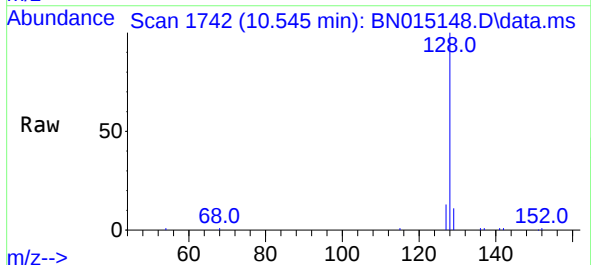
Instrument :
BNA_N
ClientSampled :
SLCS262

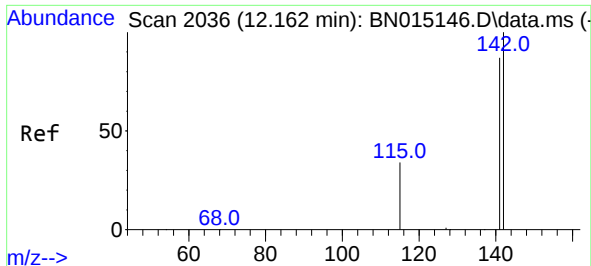
Tgt Ion: 88 Resp: 9495
Ion Ratio Lower Upper
88 100
43 30.1 24.9 37.3
58 69.1 43.4 65.0#



#5
Naphthalene
Concen: 0.388 ng/ul
RT: 10.545 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

Tgt Ion: 128 Resp: 17119
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.4 10.8 16.2

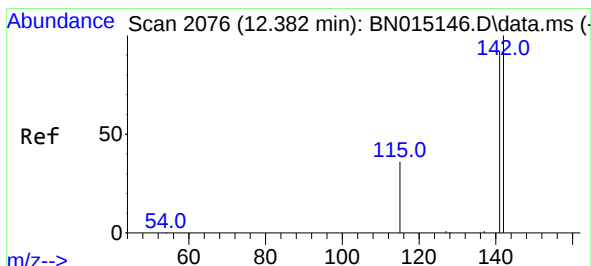
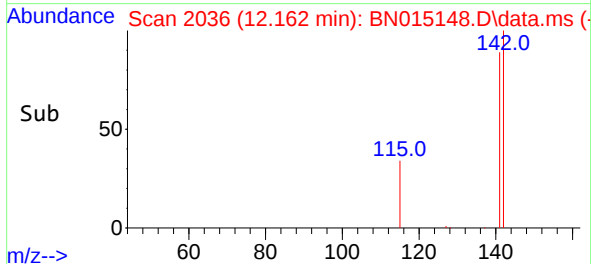
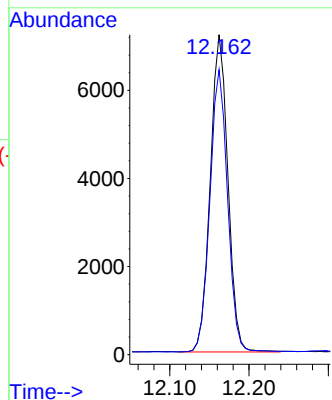
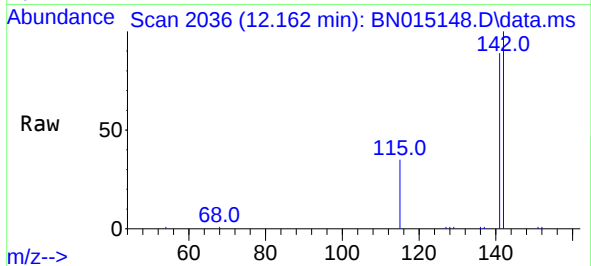




#7
2-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

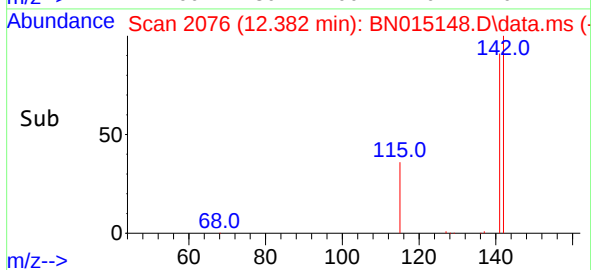
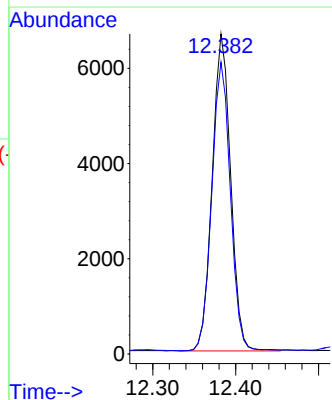
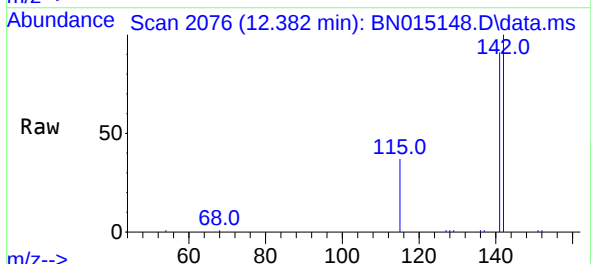
Instrument :
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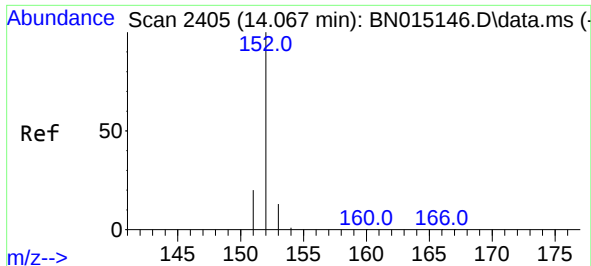
Tgt Ion:142 Resp: 11141
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.013 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

Tgt Ion:142 Resp: 10308
Ion Ratio Lower Upper
142 100
141 91.5 74.2 111.4

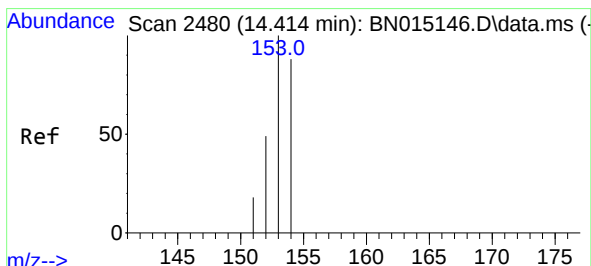
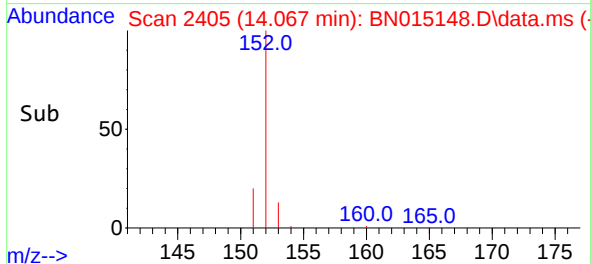
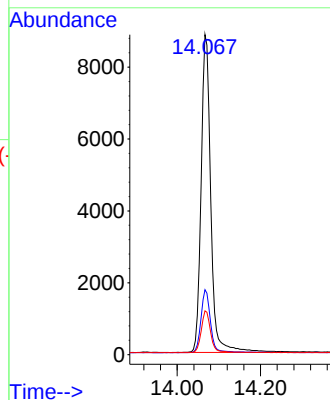
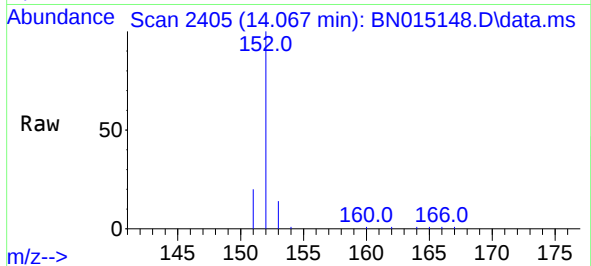




#10
Acenaphthylene
Concen: 0.396 ng/ul
RT: 14.067 min Scan# 2405
Delta R.T. -0.016 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

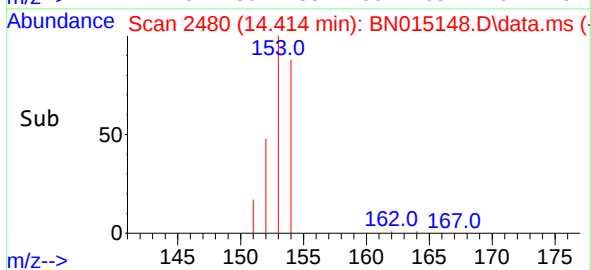
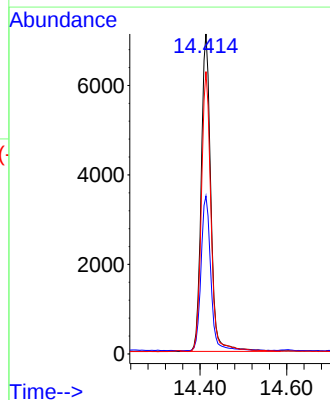
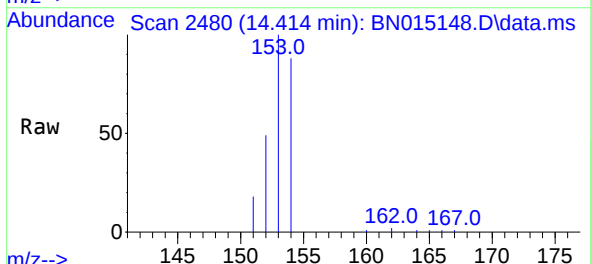
Instrument :
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ClientSampleId :
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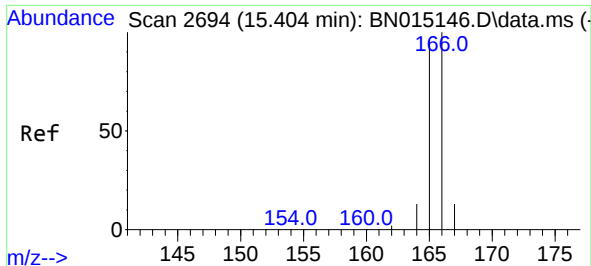
Tgt Ion:152	Resp:	14325
Ion Ratio	Lower	Upper
152	100	
151	20.3	16.0 24.0
153	13.7	10.9 16.3



#11
Acenaphthene
Concen: 0.394 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

Tgt Ion:153	Resp:	10940
Ion Ratio	Lower	Upper
153	100	
152	49.3	39.8 59.6
154	88.3	69.8 104.8

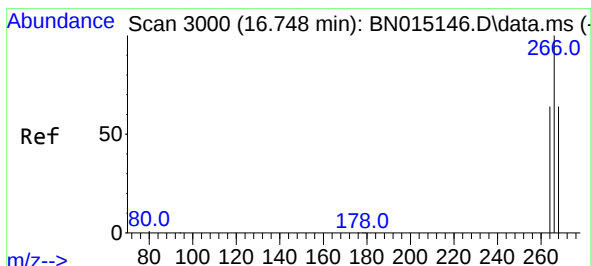
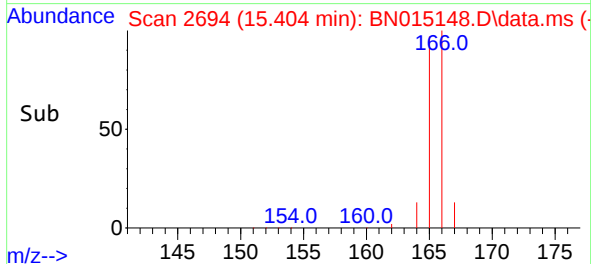
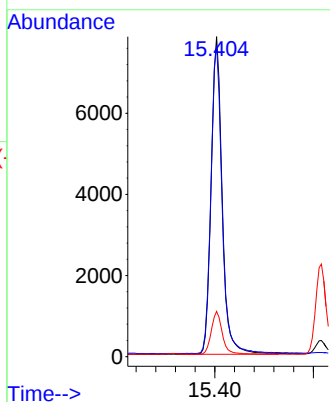
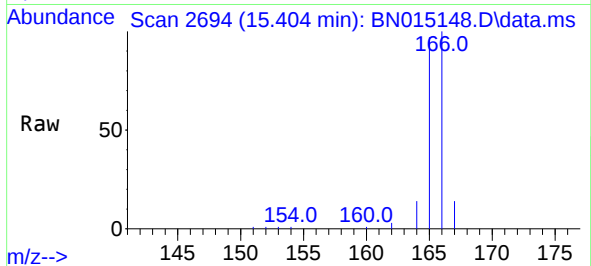




#12
Fluorene
Concen: 0.396 ng/ul
RT: 15.404 min Scan# 2694
Delta R.T. -0.011 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

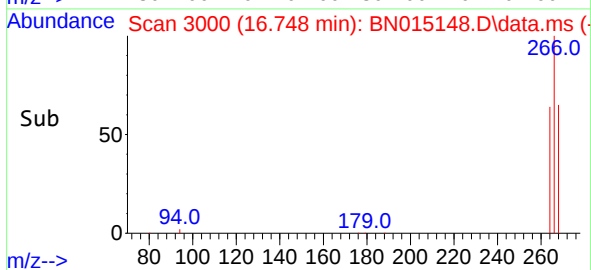
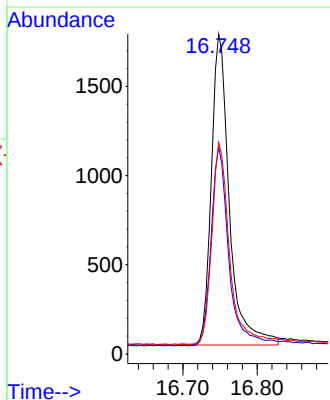
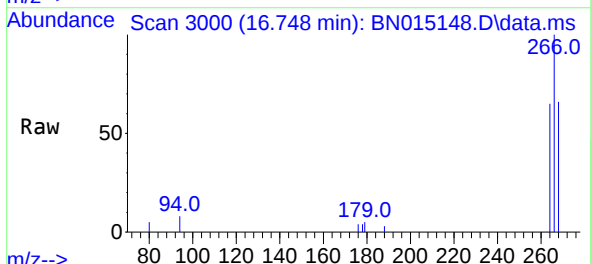
Instrument :
BNA_N
ClientSampled :
SLCS262

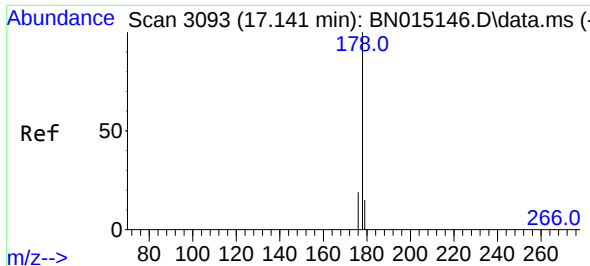
Tgt Ion:	166	Resp:	12151
Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.8	116.8
167	14.2	11.2	16.8



#14
Pentachlorophenol
Concen: 0.922 ng/ul
RT: 16.748 min Scan# 3000
Delta R.T. -0.010 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

Tgt Ion:	266	Resp:	2941
Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.2	75.2
268	63.7	51.8	77.6



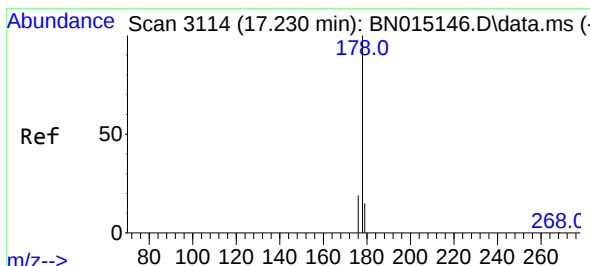
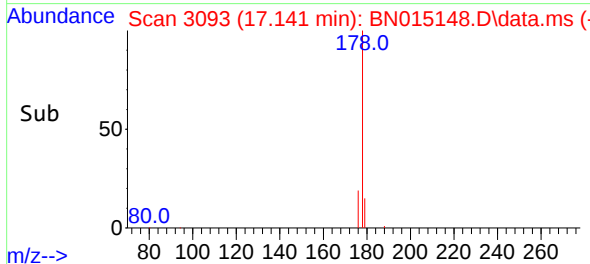
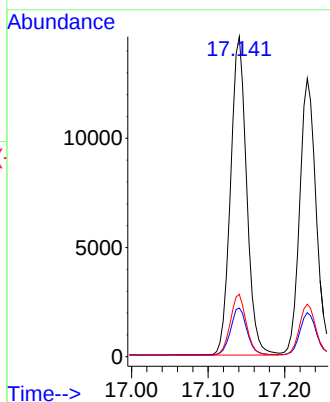
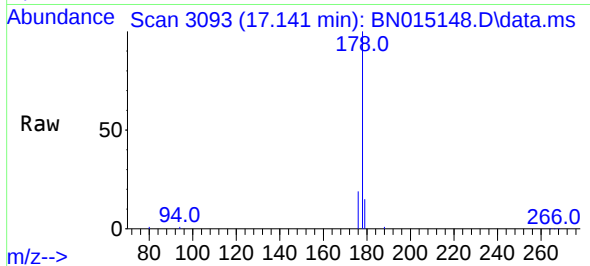


#15
Phenanthrene
Concen: 0.407 ng/u1
RT: 17.141 min Scan# 3093
Delta R.T. -0.010 min
Lab File: BN015148.D
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Instrument :
BNA_N
ClientSampleId :
SLCS262

Tgt Ion:178 Resp: 21289

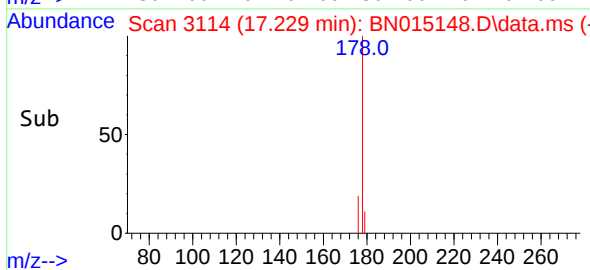
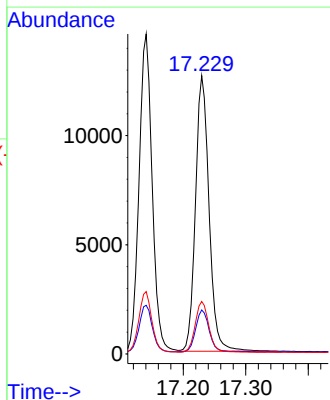
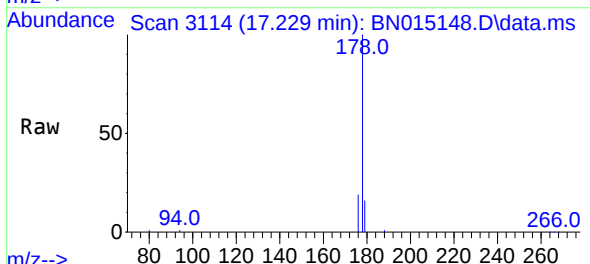
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.5	15.5	23.3

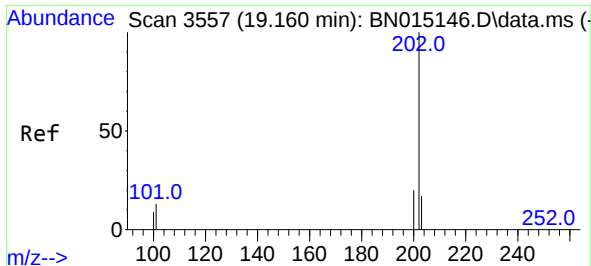


#16
Anthracene
Concen: 0.413 ng/u1
RT: 17.229 min Scan# 3114
Delta R.T. -0.014 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

Tgt Ion:178 Resp: 19062

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	18.9	15.2	22.8

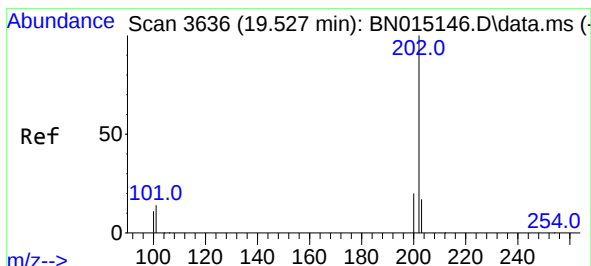
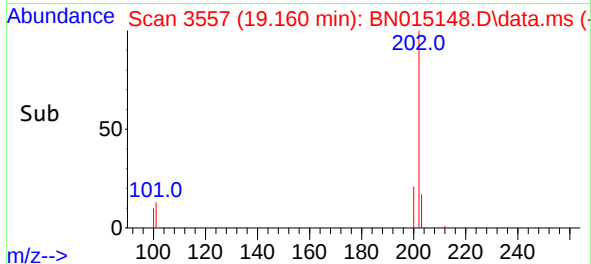
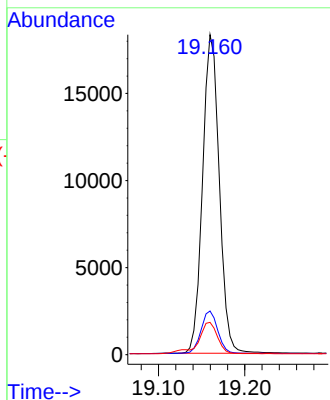
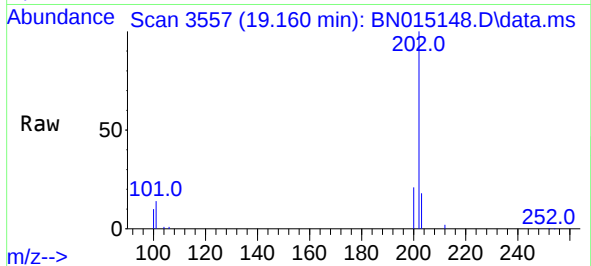




#19
Fluoranthene
Concen: 0.417 ng/ul
RT: 19.160 min Scan# 3557
Delta R.T. -0.016 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

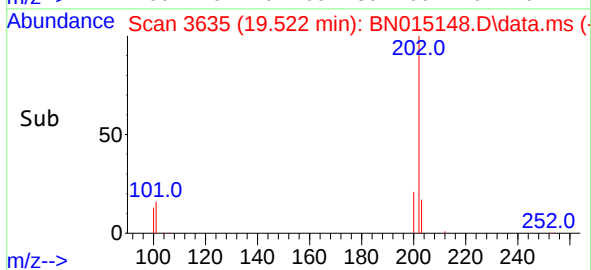
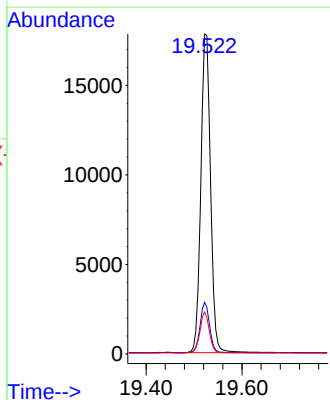
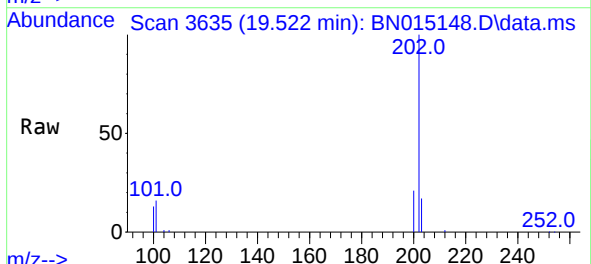
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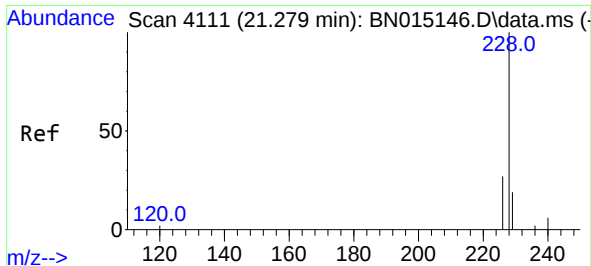
Tgt Ion:	202	Resp:	24655
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.1	15.1
100	10.1	7.4	11.0



#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.522 min Scan# 3635
Delta R.T. -0.016 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

Tgt Ion:	202	Resp:	25169
Ion Ratio	Lower	Upper	
202	100		
101	16.1	12.0	18.0
100	13.2	9.6	14.4

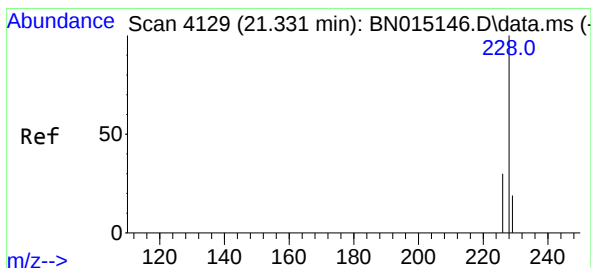
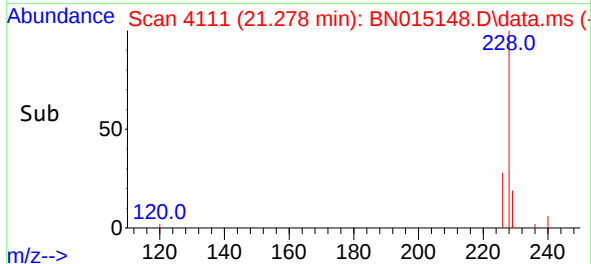
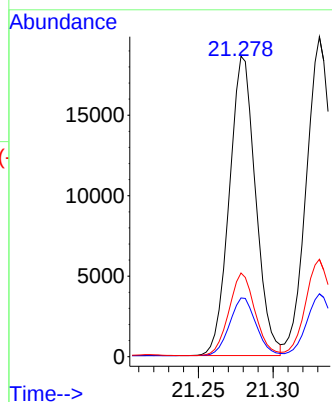
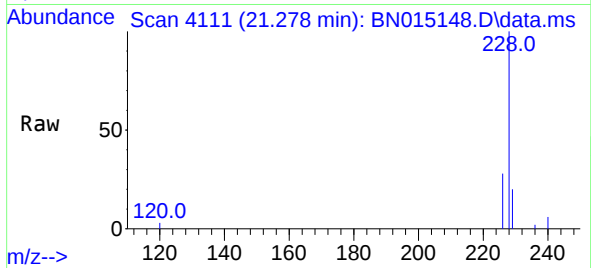




#21
Benzo(a)anthracene
Concen: 0.481 ng/ul
RT: 21.278 min Scan# 4111
Delta R.T. -0.018 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

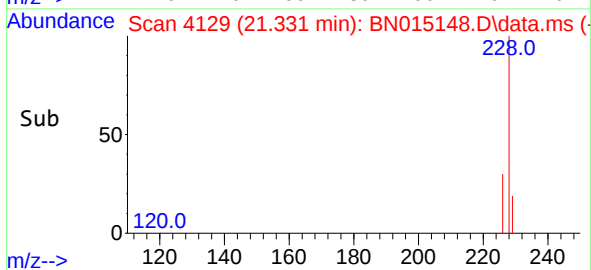
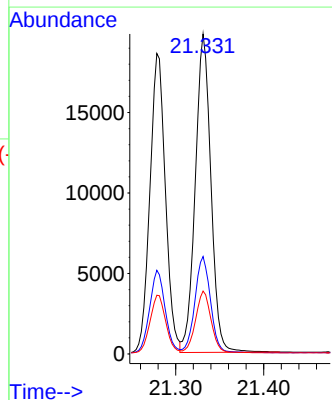
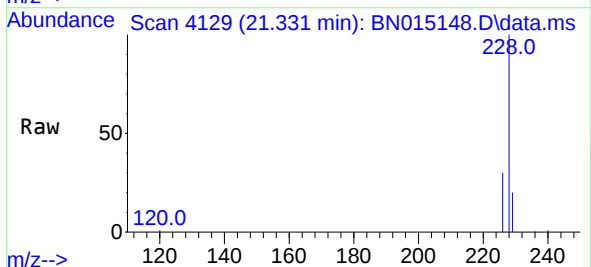
Instrument :
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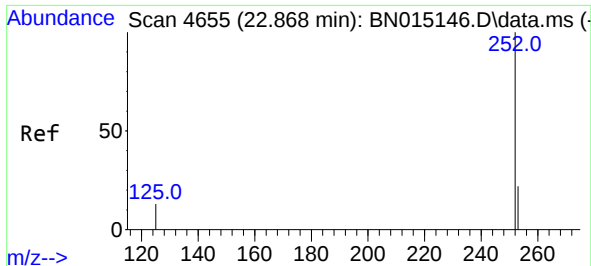
Tgt Ion:228	Resp:	22794
Ion Ratio	Lower	Upper
228	100	
229	19.6	15.8 23.8
226	27.8	21.8 32.8



#22
Chrysene
Concen: 0.431 ng/ul
RT: 21.331 min Scan# 4129
Delta R.T. -0.018 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

Tgt Ion:228	Resp:	24449
Ion Ratio	Lower	Upper
228	100	
226	30.5	24.6 37.0
229	19.7	15.7 23.5

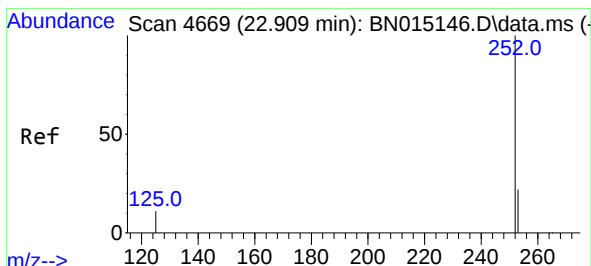
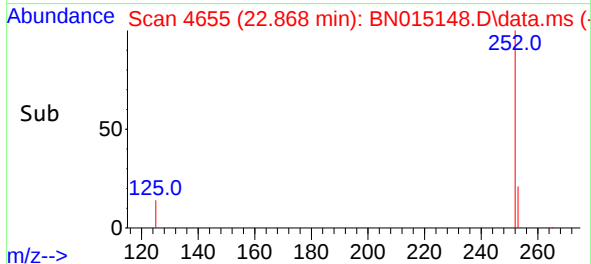
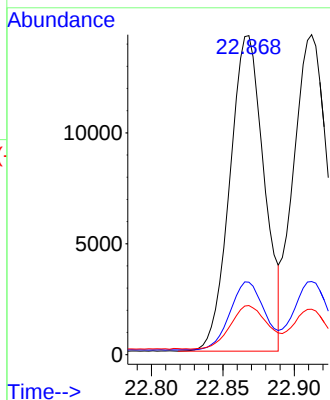
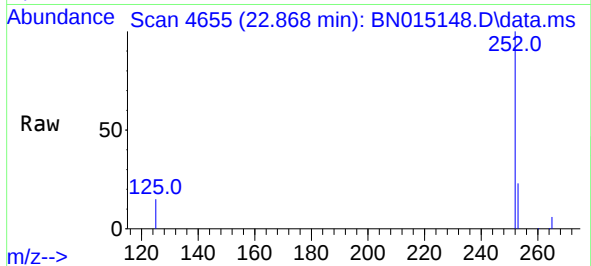




#24
Benzo(b)fluoranthene
Concen: 0.451 ng/ul
RT: 22.868 min Scan# 4655
Delta R.T. -0.026 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

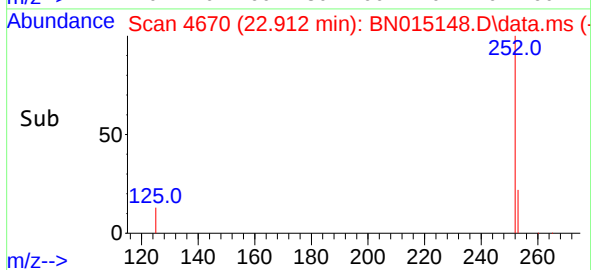
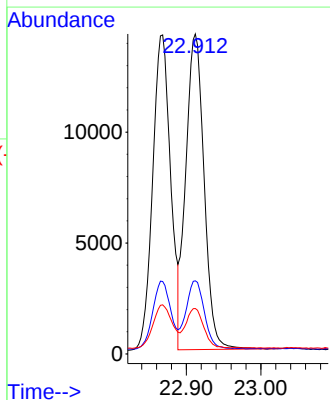
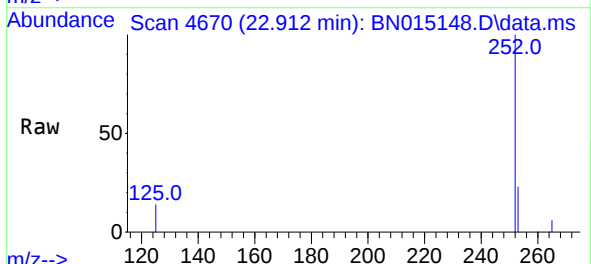
Instrument :
BNA_N
ClientSampleId :
SLCS262

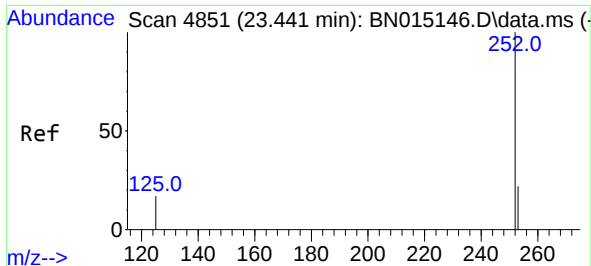
Tgt Ion:252 Resp: 23779
Ion Ratio Lower Upper
252 100
253 22.7 0.0 45.6
125 15.4 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 0.407 ng/ul
RT: 22.912 min Scan# 4670
Delta R.T. -0.026 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

Tgt Ion:252 Resp: 24226
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 14.2 11.5 17.3

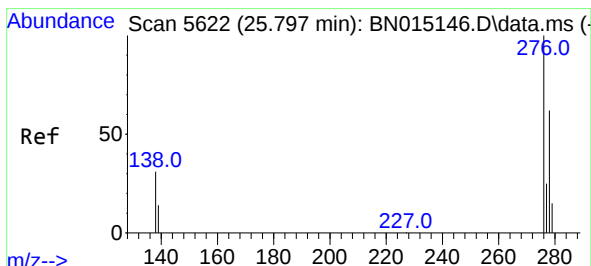
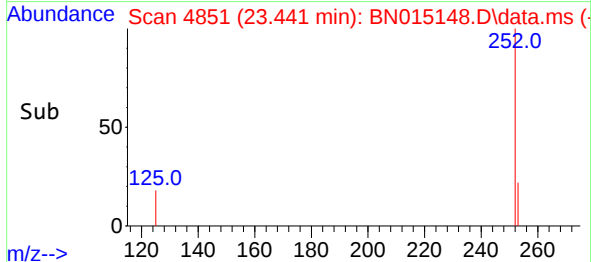
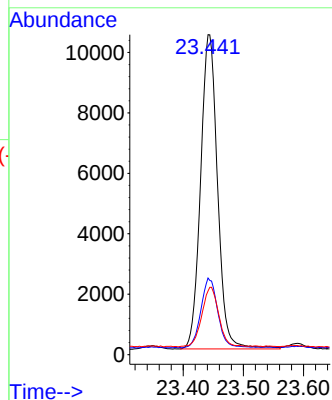
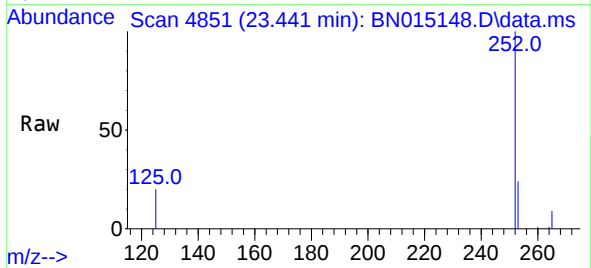




#26
Benzo(a)pyrene
Concen: 0.460 ng/ul
RT: 23.441 min Scan# 4851
Delta R.T. -0.029 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

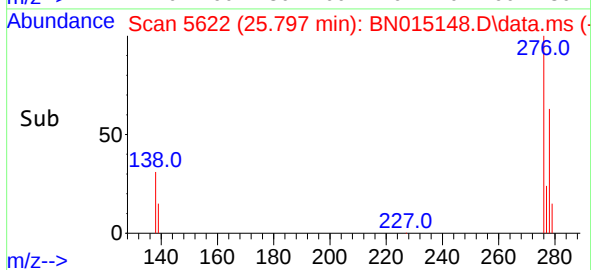
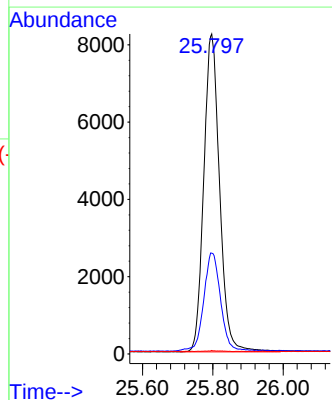
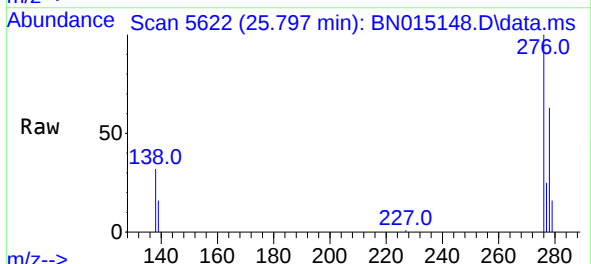
Instrument :
BNA_N
ClientSampleId :
SLCS262

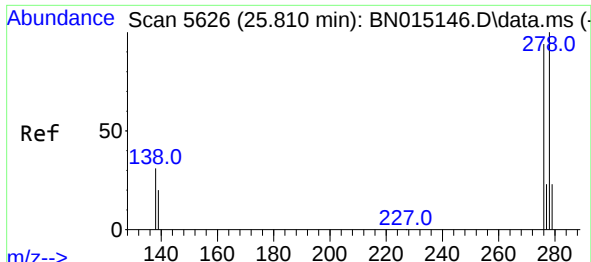
Tgt Ion:	252	Resp:	20384
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.9	28.3
125	19.9	13.5	20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.481 ng/ul
RT: 25.797 min Scan# 5622
Delta R.T. -0.044 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

Tgt Ion:	276	Resp:	25712
Ion Ratio	Lower	Upper	
276	100		
138	33.0	26.3	39.5
227	0.2	0.1	0.1#

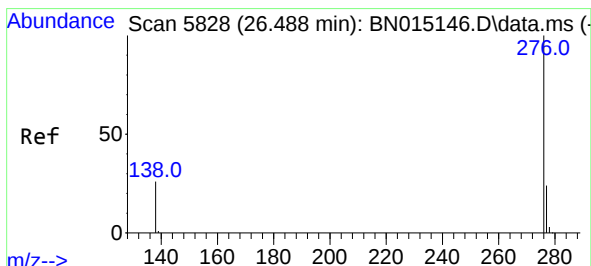
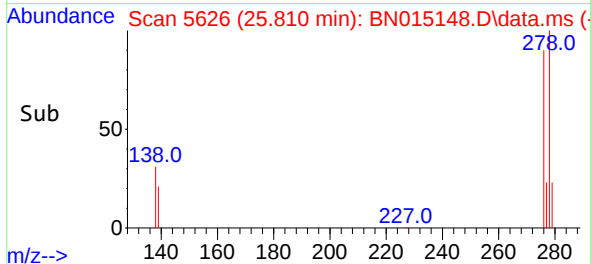
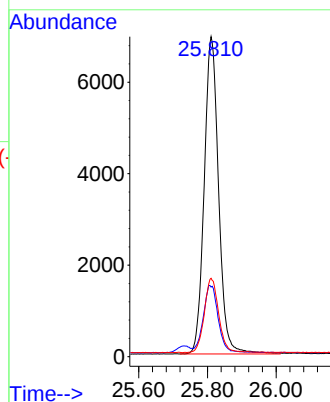
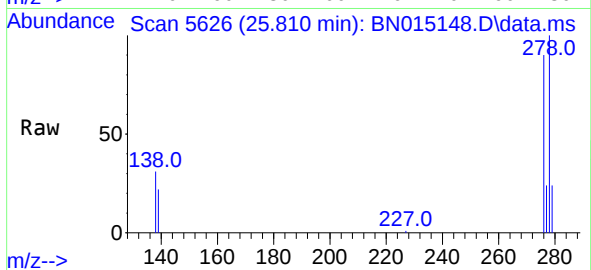




#28
Dibenzo(a,h)anthracene
Concen: 0.483 ng/ul
RT: 25.810 min Scan# 5626
Delta R.T. -0.050 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

Instrument :
BNA_N
ClientSampleId :
SLCS262

Tgt Ion:278 Resp: 20270
Ion Ratio Lower Upper
278 100
139 21.8 18.9 28.3
279 24.5 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.432 ng/ul
RT: 26.488 min Scan# 5828
Delta R.T. -0.037 min
Lab File: BN015148.D
Acq: 27 Jun 2021 12:06

Tgt Ion:276 Resp: 21418
Ion Ratio Lower Upper
276 100
138 28.3 23.0 34.4
277 24.2 19.3 28.9

