

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016078.D
 Acq On : 26 Aug 2021 20:17
 Operator : CG/JU
 Sample : PB138724BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS724

Quant Time: Aug 27 03:30:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 26 11:35:43 2021
 Response via : Initial Calibration

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

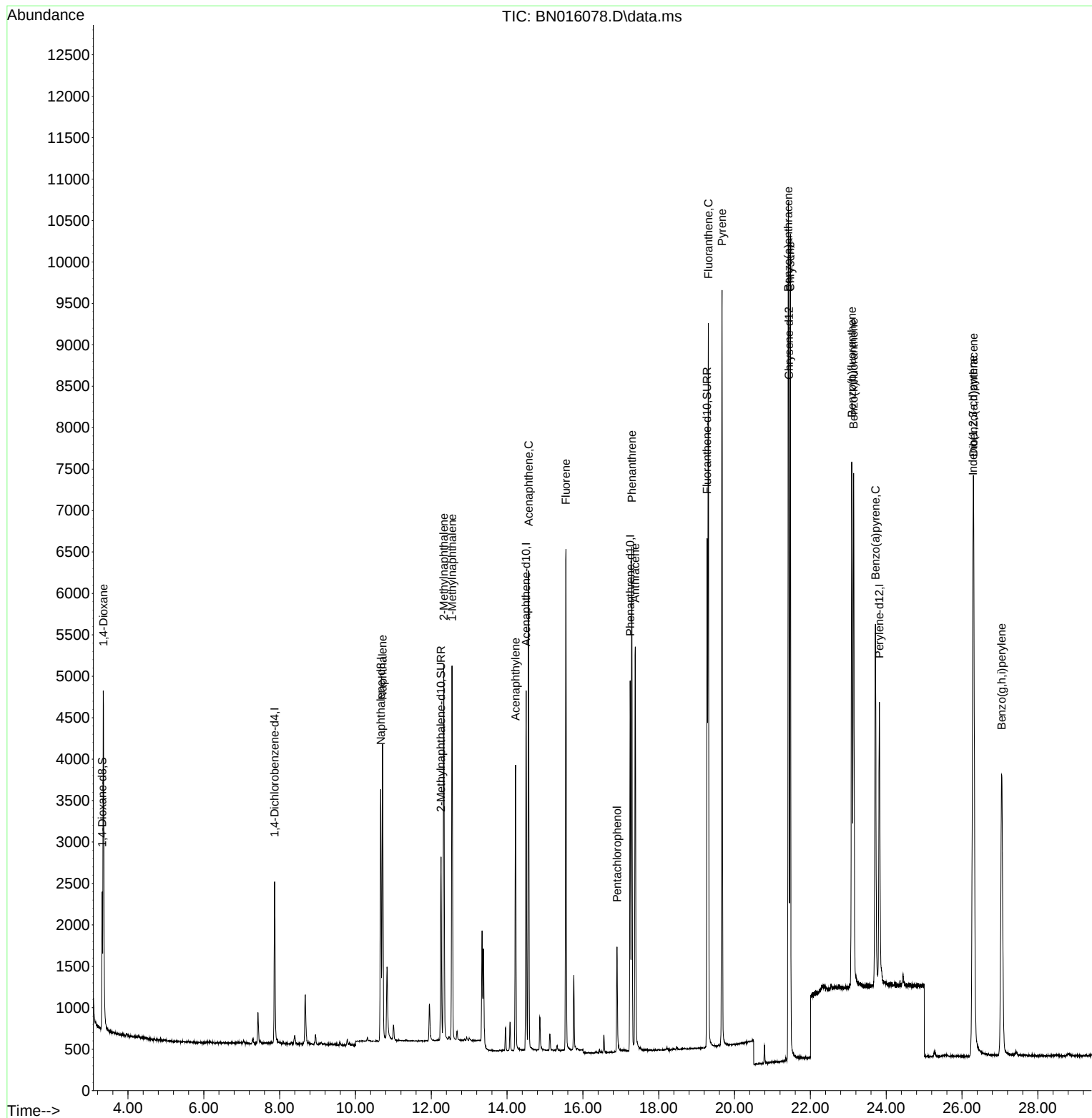
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1053	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	4378	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.501	164	2552	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	5481	0.400	ng/ul	0.00
17) Chrysene-d12	21.433	240	5600	0.400	ng/ul	0.00
23) Perylene-d12	23.818	264	5071	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1202	0.843	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	3096	0.470	ng/ul	0.00
18) Fluoranthene-d10	19.275	212	7442	0.493	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.348	88	3005	2.086	ng/ul#	86
5) Naphthalene	10.716	128	5189	0.459	ng/ul	98
7) 2-Methylnaphthalene	12.327	142	3489	0.457	ng/ul	98
8) 1-Methylnaphthalene	12.547	142	3283	0.439	ng/ul	100
10) Acenaphthylene	14.224	152	4180	0.464	ng/ul	99
11) Acenaphthene	14.566	153	3520	0.453	ng/ul	98
12) Fluorene	15.552	166	4054	0.440	ng/ul	99
14) Pentachlorophenol	16.900	266	963	0.839	ng/ul	97
15) Phenanthrene	17.288	178	6778	0.448	ng/ul	99
16) Anthracene	17.381	178	5873	0.450	ng/ul	100
19) Fluoranthene	19.308	202	7953	0.455	ng/ul	100
20) Pyrene	19.670	202	8192	0.465	ng/ul	99
21) Benzo(a)anthracene	21.418	228	8222	0.472	ng/ul	99
22) Chrysene	21.471	228	9088	0.484	ng/ul	98
24) Benzo(b)fluoranthene	23.093	252	9029	0.477	ng/ul	99
25) Benzo(k)fluoranthene	23.140	252	9126	0.479	ng/ul	100
26) Benzo(a)pyrene	23.716	252	7492	0.471	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.289	276	10051	0.477	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.306	278	8447	0.477	ng/ul	99
29) Benzo(g,h,i)perylene	27.044	276	8569	0.472	ng/ul	98

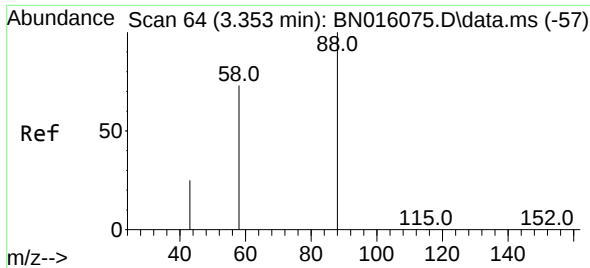
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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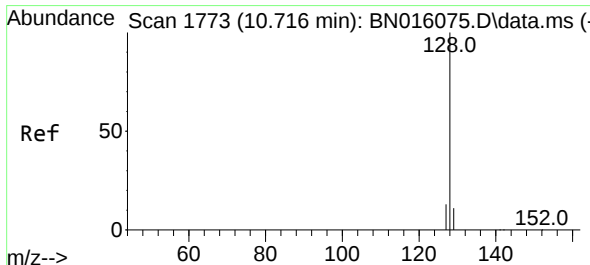
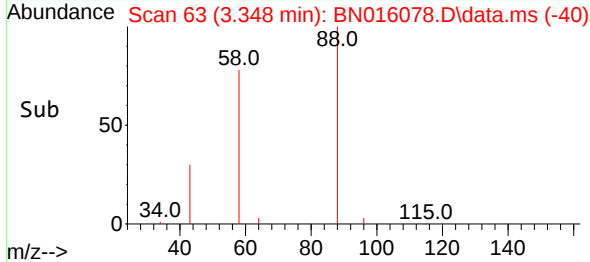
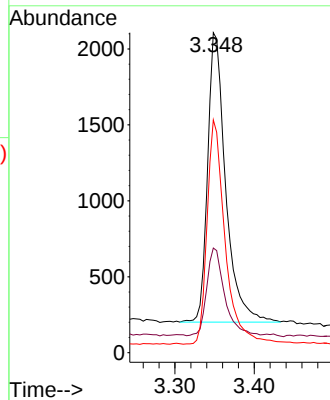
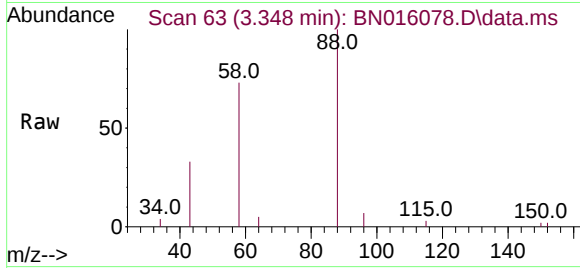




#2
1,4-Dioxane
Concen: 2.086 ng/ul
RT: 3.348 min Scan# 63
Delta R.T. -0.004 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

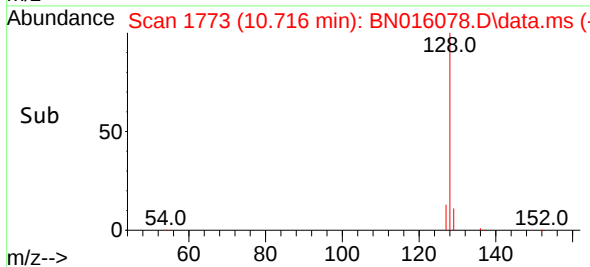
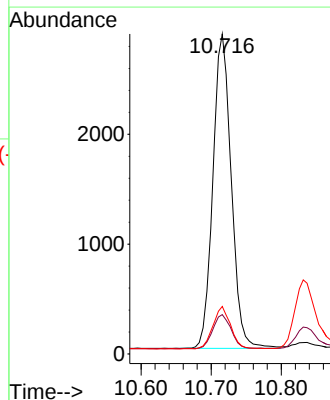
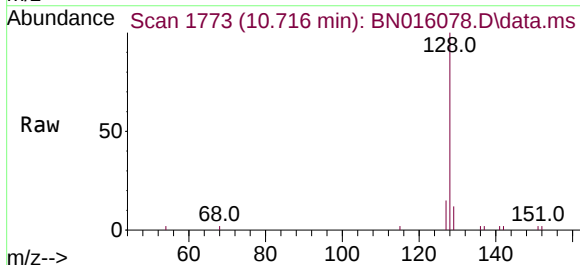
Instrument :
BNA_N
ClientSampleId :
SLCS724

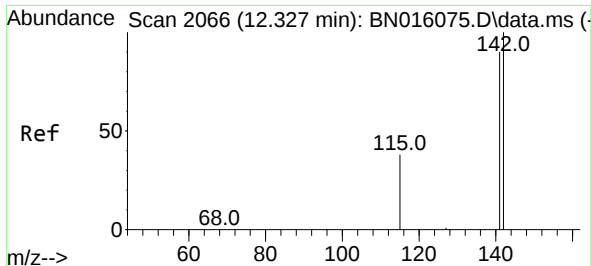
Tgt Ion: 88 Resp: 3005
Ion Ratio Lower Upper
88 100
43 32.7 33.6 50.4#
58 72.8 49.4 74.2



#5
Naphthalene
Concen: 0.459 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

Tgt Ion: 128 Resp: 5189
Ion Ratio Lower Upper
128 100
129 12.3 9.7 14.5
127 14.9 11.1 16.7

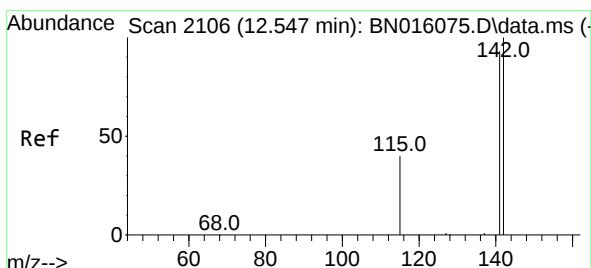
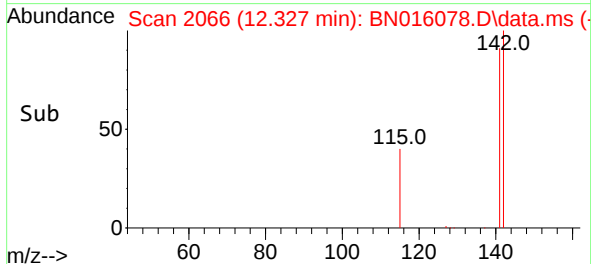
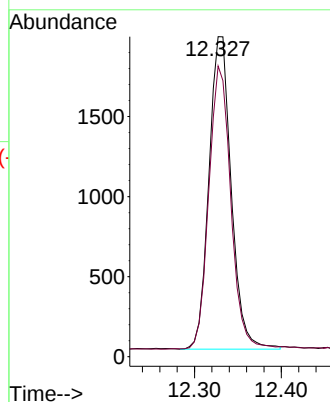
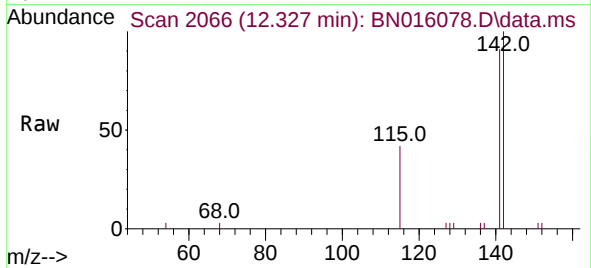




#7
2-Methylnaphthalene
Concen: 0.457 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

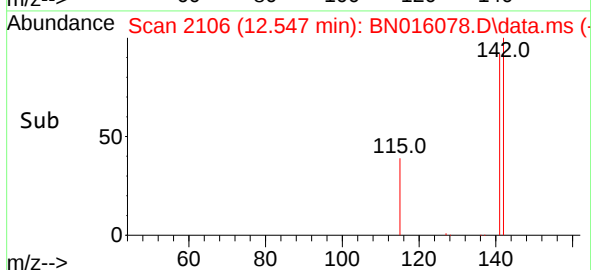
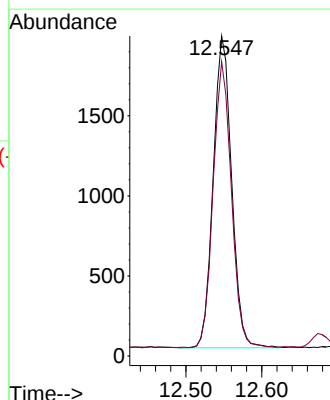
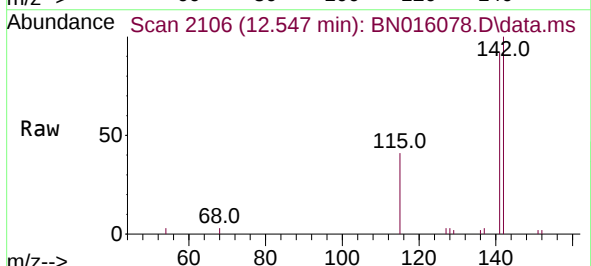
Instrument :
BNA_N
ClientSampled :
SLCS724

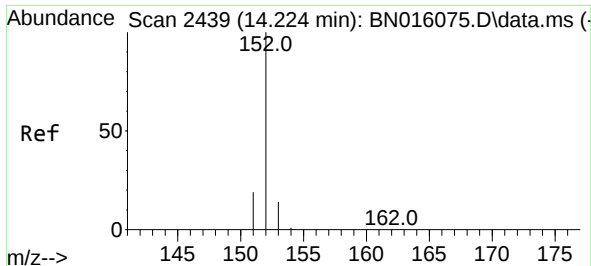
Tgt Ion:142 Resp: 3489
Ion Ratio Lower Upper
142 100
141 89.3 69.8 104.6



#8
1-Methylnaphthalene
Concen: 0.439 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

Tgt Ion:142 Resp: 3283
Ion Ratio Lower Upper
142 100
141 90.9 72.8 109.2

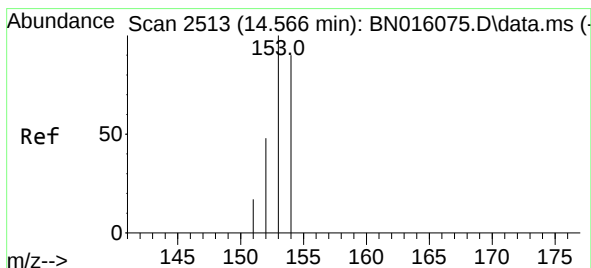
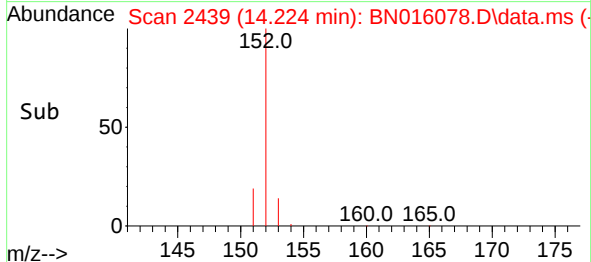
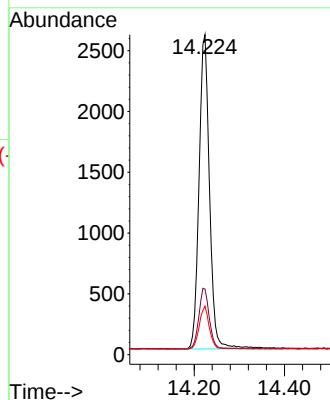
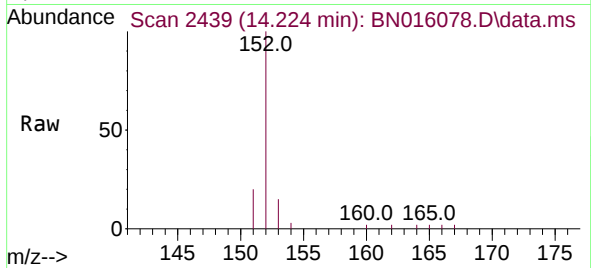




#10
Acenaphthylene
Concen: 0.464 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. 0.005 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

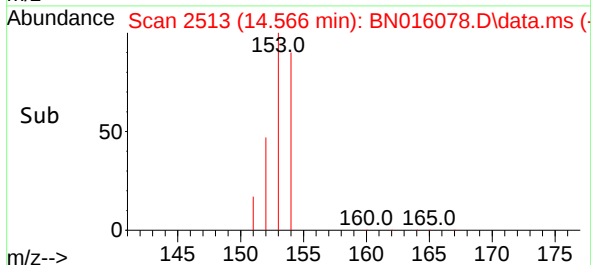
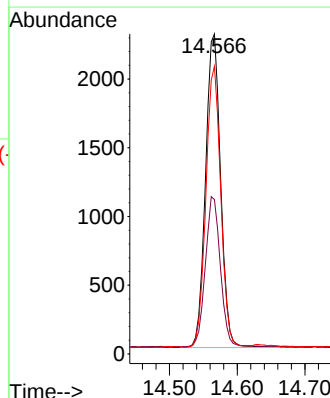
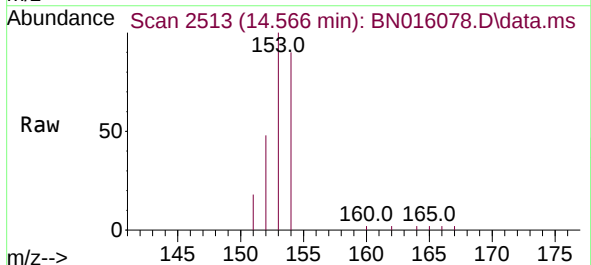
Instrument :
BNA_N
ClientSampleId :
SLCS724

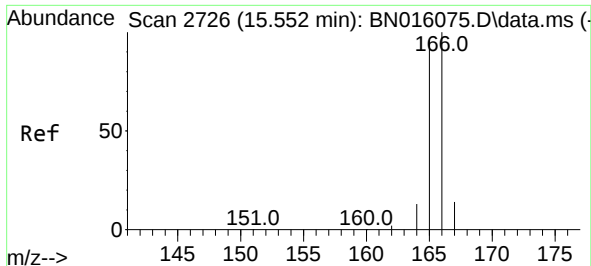
Tgt Ion:	152	Resp:	4180
Ion Ratio	Lower	Upper	
152	100		
151	20.5	17.0	25.6
153	15.2	11.8	17.6



#11
Acenaphthene
Concen: 0.453 ng/ul
RT: 14.566 min Scan# 2513
Delta R.T. 0.005 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

Tgt Ion:	153	Resp:	3520
Ion Ratio	Lower	Upper	
153	100		
152	48.2	38.3	57.5
154	89.9	70.2	105.2

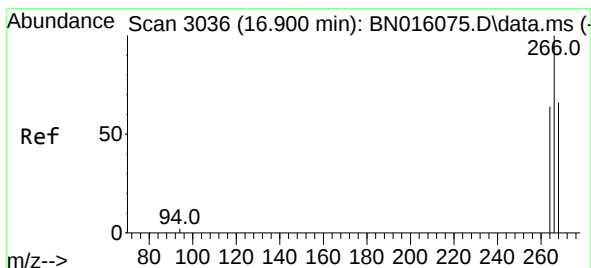
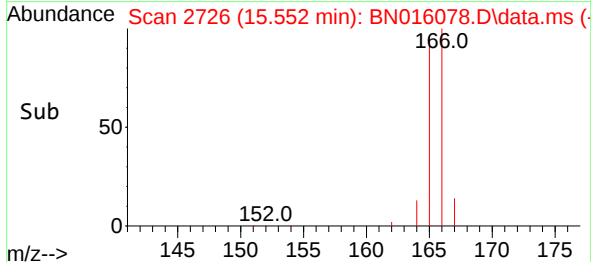
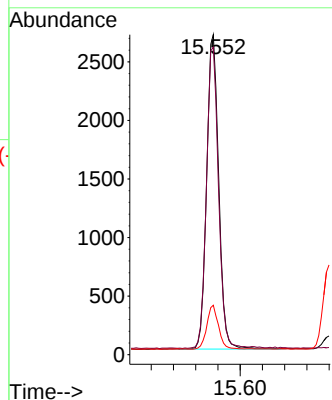
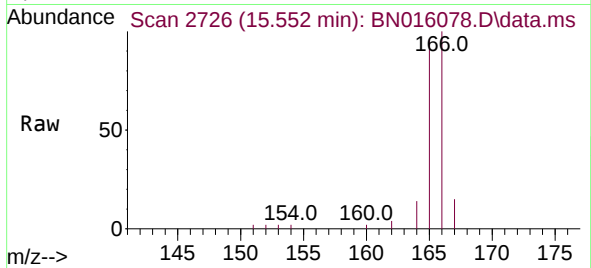




#12
Fluorene
Concen: 0.440 ng/ul
RT: 15.552 min Scan# 2726
Delta R.T. 0.005 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

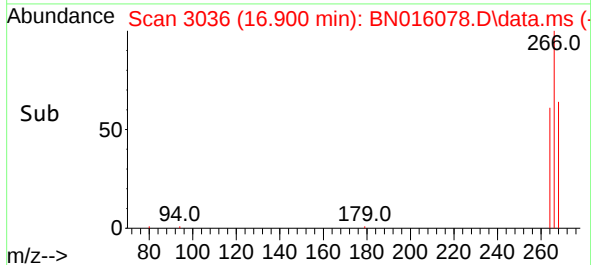
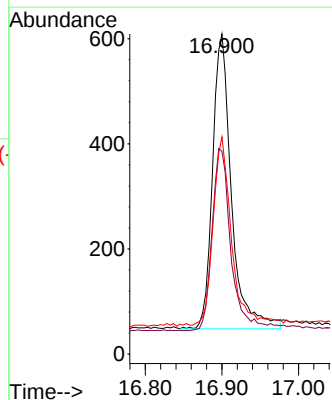
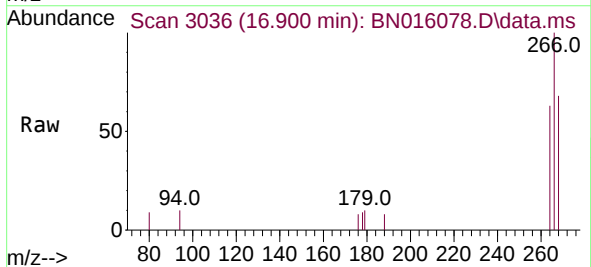
Instrument :
BNA_N
ClientSampleId :
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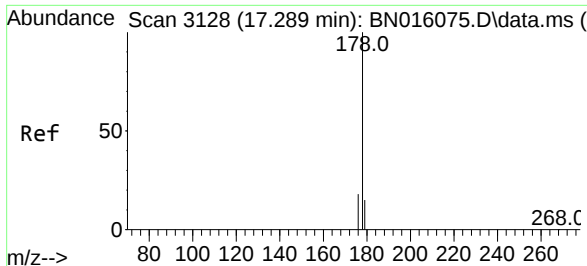
Tgt Ion:166 Resp: 4054
Ion Ratio Lower Upper
166 100
165 96.1 76.2 114.2
167 15.4 11.5 17.3



#14
Pentachlorophenol
Concen: 0.839 ng/ul
RT: 16.900 min Scan# 3036
Delta R.T. 0.004 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

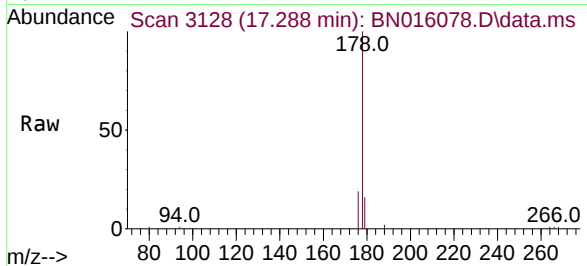
Tgt Ion:266 Resp: 963
Ion Ratio Lower Upper
266 100
264 62.1 50.2 75.2
268 62.3 52.6 79.0



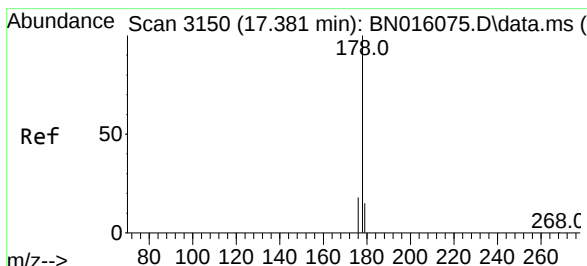
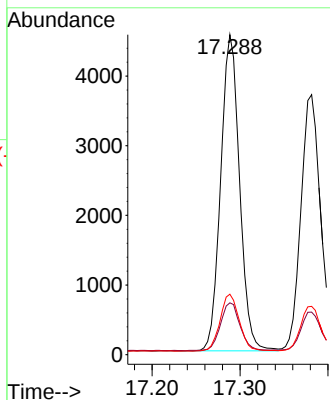


#15
Phenanthrene
Concen: 0.448 ng/ul
RT: 17.288 min Scan# 3128
Delta R.T. 0.004 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

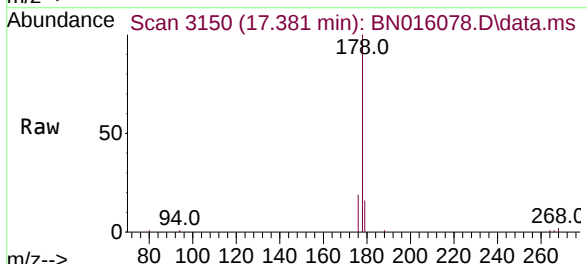
Instrument :
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ClientSampleId :
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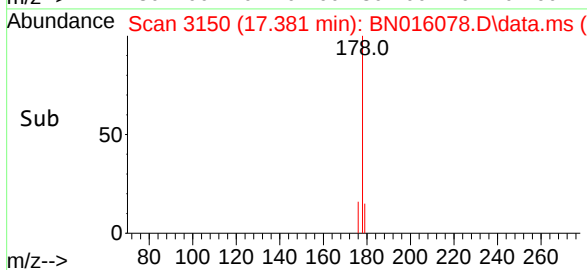
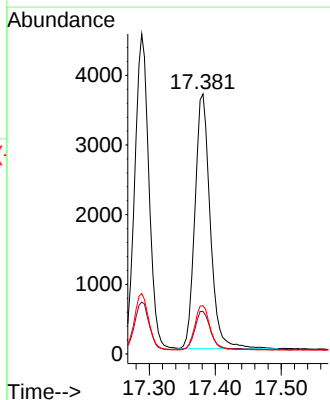
Tgt Ion:	178	Resp:	6778
Ion Ratio	Lower	Upper	
178	100		
179	16.2	13.4	20.2
176	18.9	15.0	22.4

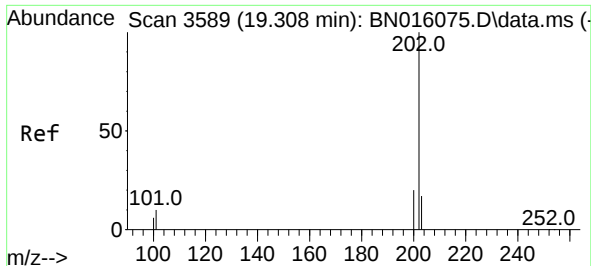


#16
Anthracene
Concen: 0.450 ng/ul
RT: 17.381 min Scan# 3150
Delta R.T. 0.004 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17



Tgt Ion:	178	Resp:	5873
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.4	20.0
176	18.6	14.9	22.3

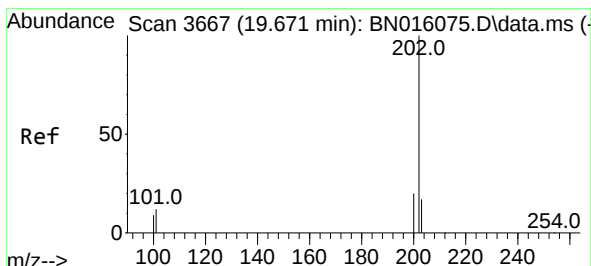
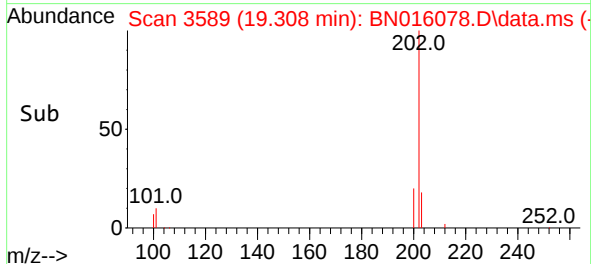
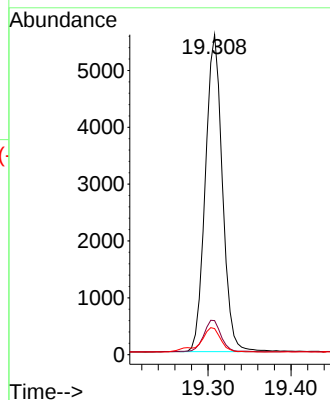
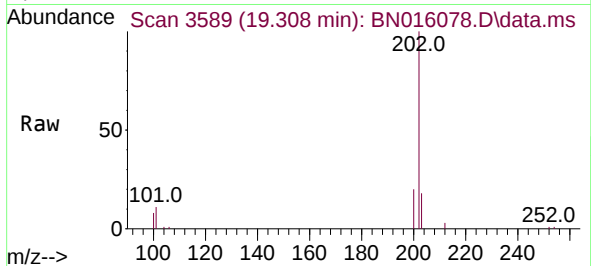




#19
Fluoranthene
Concen: 0.455 ng/ul
RT: 19.308 min Scan# 3589
Delta R.T. 0.004 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

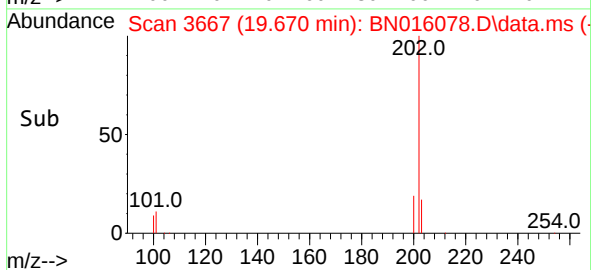
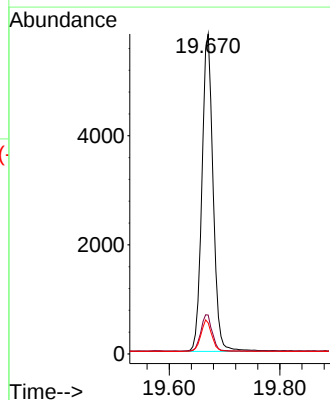
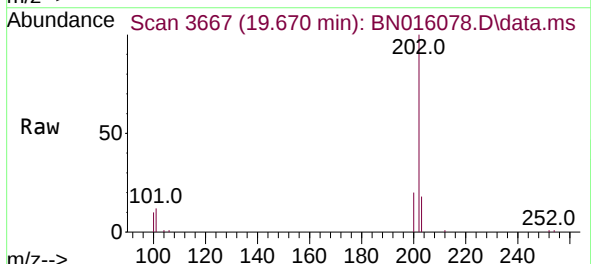
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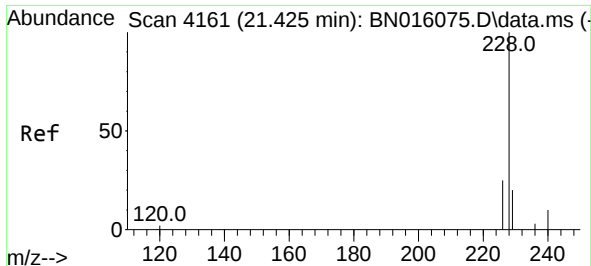
Tgt Ion:202	Resp:	7953
Ion Ratio	Lower	Upper
202	100	
101	10.7	8.3 12.5
100	8.1	6.6 9.8



#20
Pyrene
Concen: 0.465 ng/ul
RT: 19.670 min Scan# 3667
Delta R.T. 0.004 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

Tgt Ion:202	Resp:	8192
Ion Ratio	Lower	Upper
202	100	
101	12.2	10.0 15.0
100	9.7	8.4 12.6

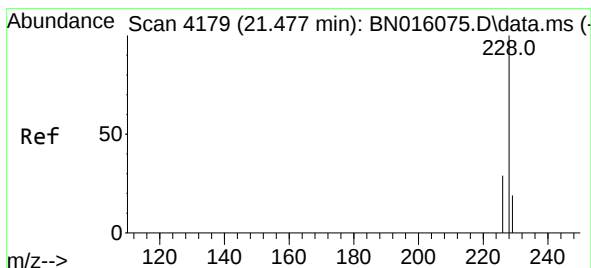
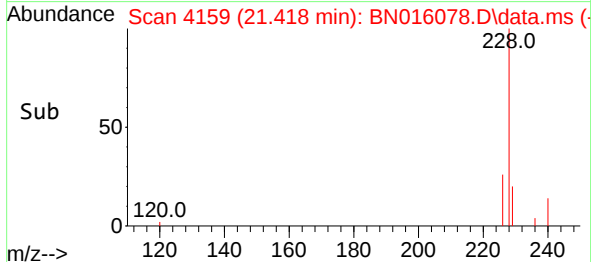
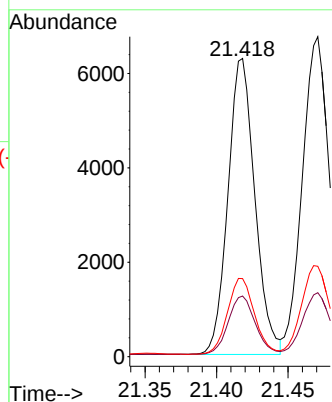
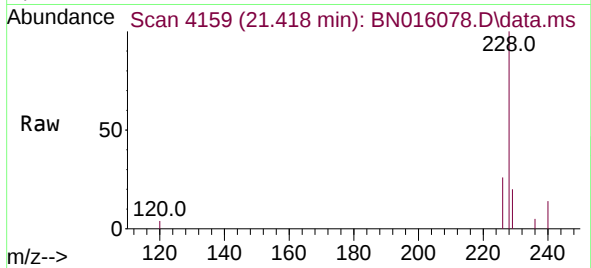




#21
Benzo(a)anthracene
Concen: 0.472 ng/ul
RT: 21.418 min Scan# 4159
Delta R.T. 0.002 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

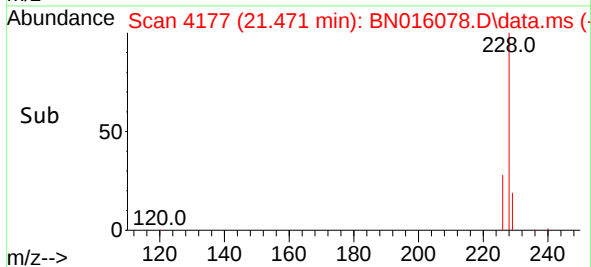
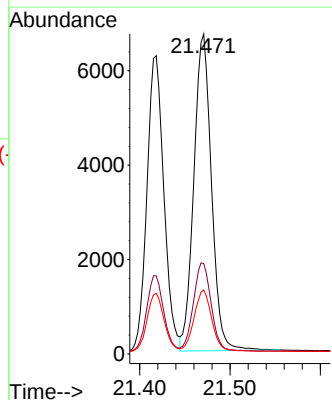
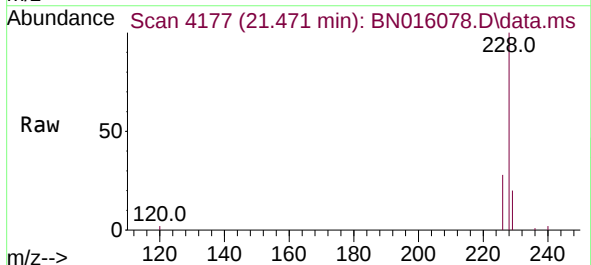
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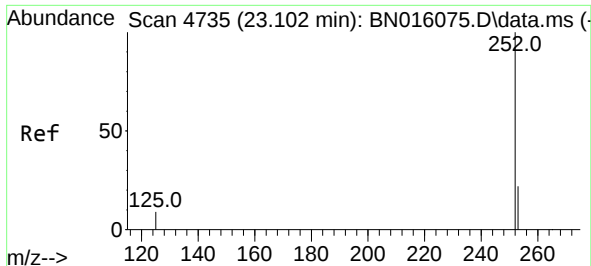
Tgt Ion:228	Resp:	8222
Ion Ratio	Lower	Upper
228	100	
229	20.3	16.0 24.0
226	26.2	20.6 31.0



#22
Chrysene
Concen: 0.484 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. 0.002 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

Tgt Ion:228	Resp:	9088
Ion Ratio	Lower	Upper
228	100	
226	28.2	23.4 35.0
229	20.0	16.4 24.6

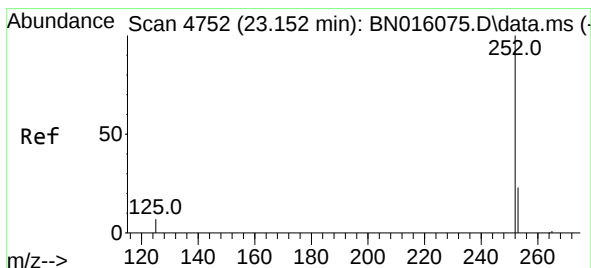
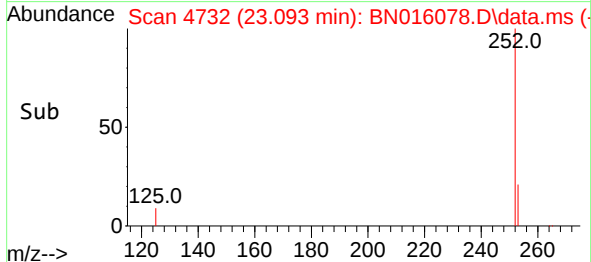
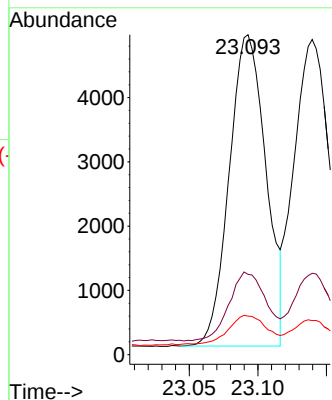
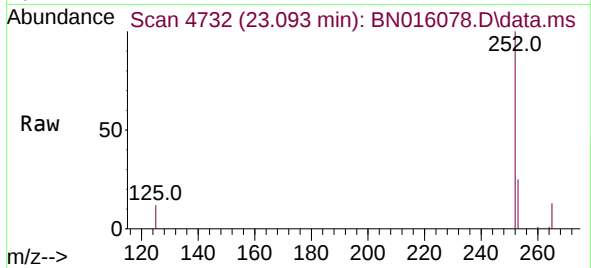




#24
Benzo(b)fluoranthene
Concen: 0.477 ng/ul
RT: 23.093 min Scan# 4732
Delta R.T. 0.002 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

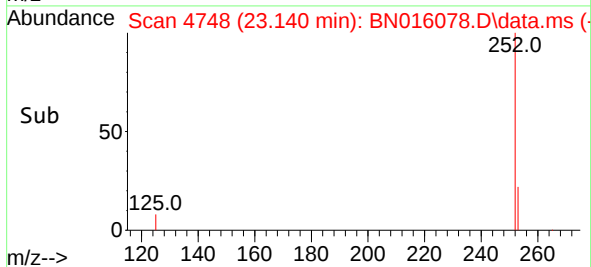
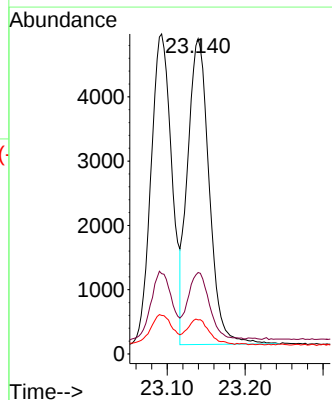
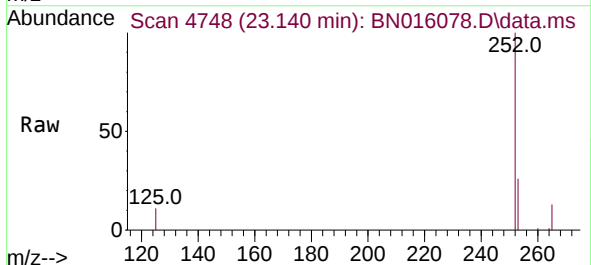
Instrument :
BNA_N
ClientSampleId :
SLCS724

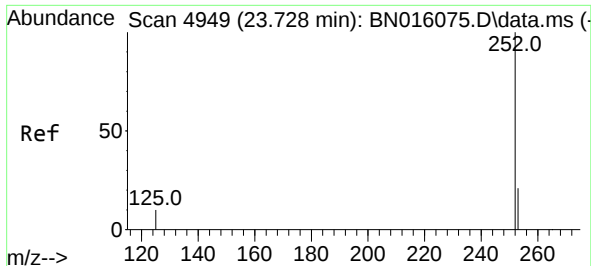
Tgt Ion:252 Resp: 9029
Ion Ratio Lower Upper
252 100
253 25.1 0.0 50.6
125 12.0 0.0 21.6



#25
Benzo(k)fluoranthene
Concen: 0.479 ng/ul
RT: 23.140 min Scan# 4748
Delta R.T. 0.002 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

Tgt Ion:252 Resp: 9126
Ion Ratio Lower Upper
252 100
253 25.8 20.7 31.1
125 10.8 8.2 12.4

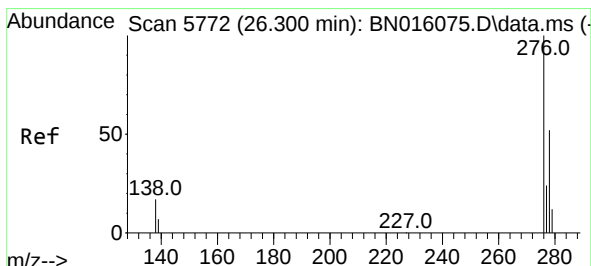
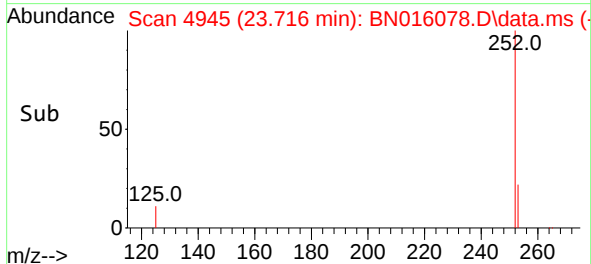
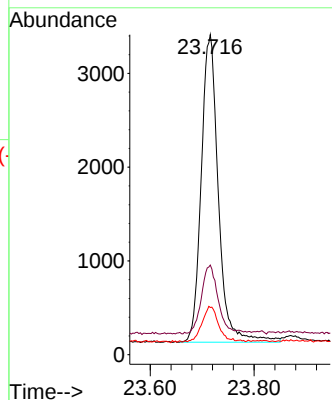
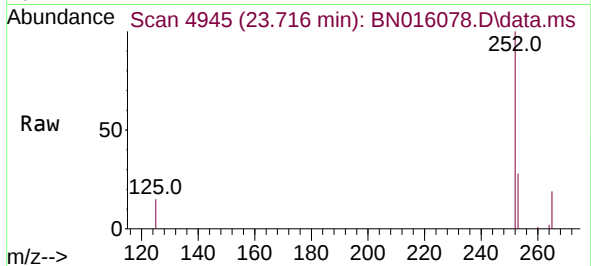




#26
Benzo(a)pyrene
Concen: 0.471 ng/ul
RT: 23.716 min Scan# 4945
Delta R.T. 0.005 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

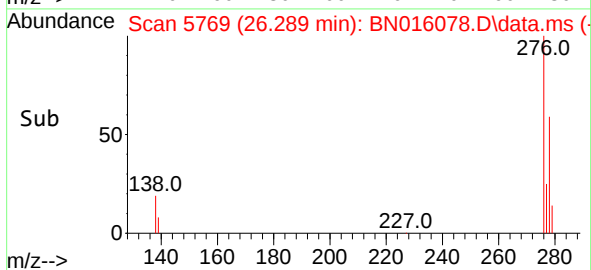
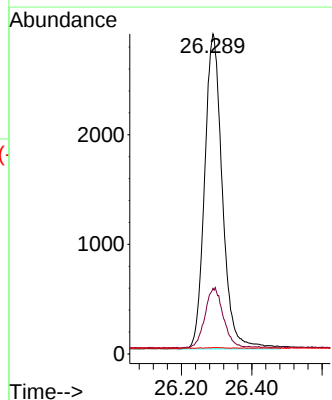
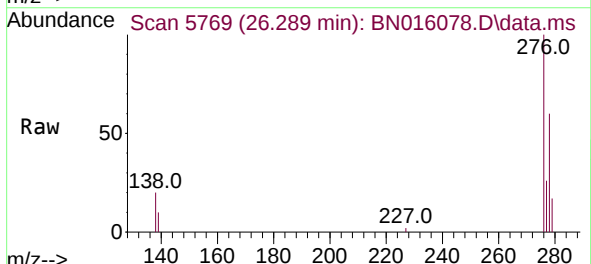
Instrument :
BNA_N
ClientSampleId :
SLCS724

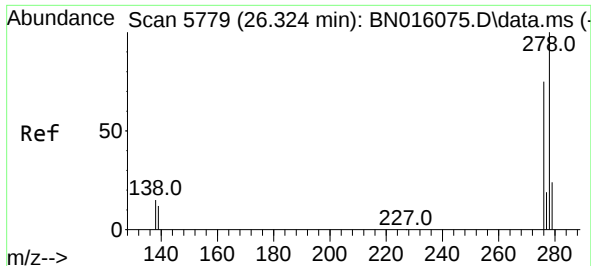
Tgt Ion:	252	Resp:	7492
Ion Ratio	Lower	Upper	
252	100		
253	28.0	22.1	33.1
125	14.7	10.2	15.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.477 ng/ul
RT: 26.289 min Scan# 5769
Delta R.T. -0.000 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

Tgt Ion:	276	Resp:	10051
Ion Ratio	Lower	Upper	
276	100		
138	20.1	15.1	22.7
227	0.2	0.1	0.1#

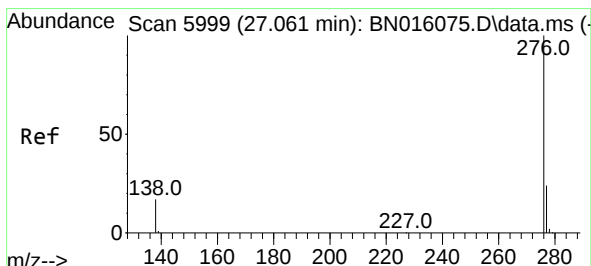
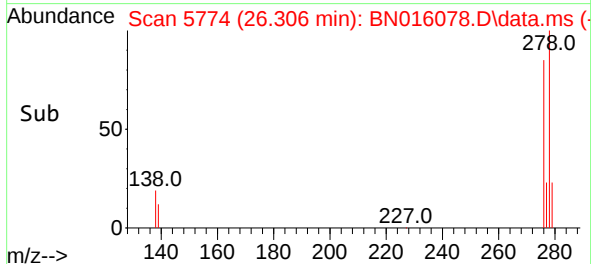
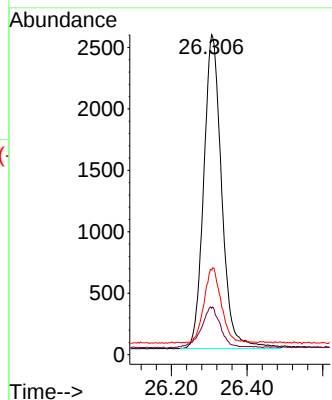
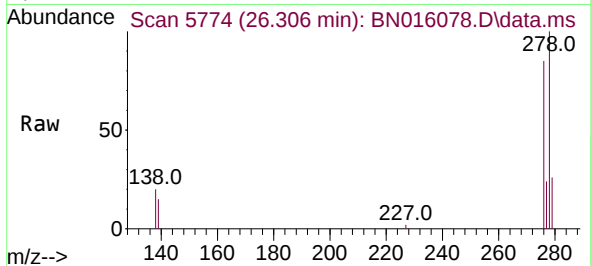




#28
Dibenzo(a,h)anthracene
Concen: 0.477 ng/ul
RT: 26.306 min Scan# 5774
Delta R.T. 0.006 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

Instrument :
BNA_N
ClientSampleId :
SLCS724

Tgt Ion:	278	Resp:	8447
Ion Ratio	Lower	Upper	
278	100		
139	14.5	12.0	18.0
279	26.5	21.0	31.6



#29
Benzo(g,h,i)perylene
Concen: 0.472 ng/ul
RT: 27.044 min Scan# 5994
Delta R.T. 0.006 min
Lab File: BN016078.D
Acq: 26 Aug 2021 20:17

Tgt Ion:	276	Resp:	8569
Ion Ratio	Lower	Upper	
276	100		
138	18.4	13.8	20.8
277	24.8	20.5	30.7

