

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071721\
 Data File : BN015600.D
 Acq On : 16 Jul 2021 17:33
 Operator : CG/JU
 Sample : PB137520BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS520

Quant Time: Jul 16 18:12:43 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 : Fri Jul 16 15:41:51 2021
 Response via : Initial Calibration

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

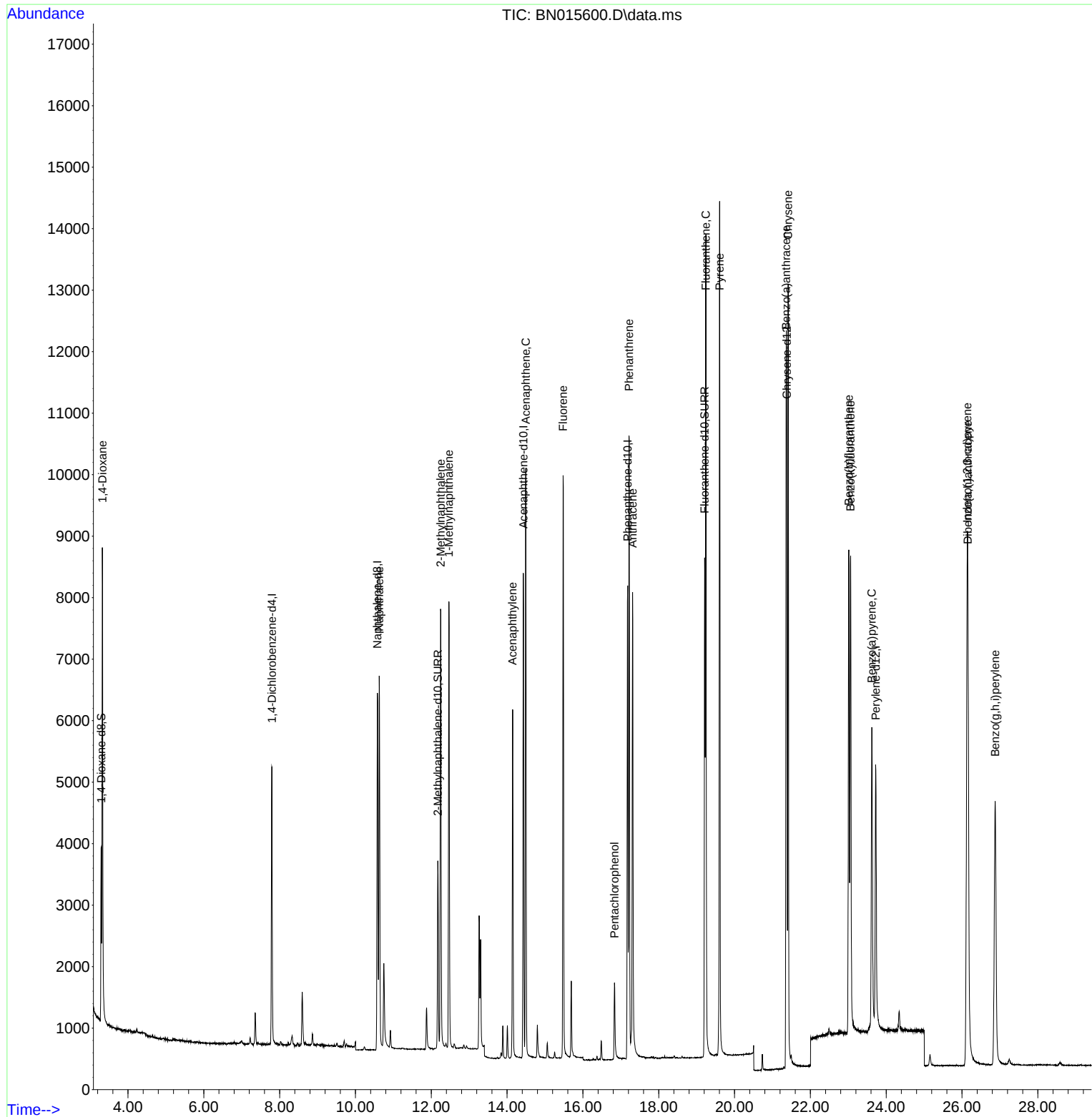
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	2373	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.578	136	8174	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.428	164	4344	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.179	188	8932	0.400	ng/ul	0.00
17) Chrysene-d12	21.378	240	7205	0.400	ng/ul	# 0.00
23) Perylene-d12	23.722	264	6153	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.294	96	1885	0.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	4177	0.326	ng/ul	0.00
18) Fluoranthene-d10	19.211	212	8732	0.369	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	5034	1.742	ng/ul#	70
5) Naphthalene	10.628	128	8393	0.322	ng/ul#	91
7) 2-Methylnaphthalene	12.250	142	5419	0.318	ng/ul	99
8) 1-Methylnaphthalene	12.465	142	5170	0.313	ng/ul	99
10) Acenaphthylene	14.145	152	6656	0.296	ng/ul#	91
11) Acenaphthene	14.492	153	5590	0.325	ng/ul	99
12) Fluorene	15.478	166	6231	0.328	ng/ul	98
14) Pentachlorophenol	16.833	266	1020	0.516	ng/ul	93
15) Phenanthrene	17.217	178	10826	0.334	ng/ul	99
16) Anthracene	17.310	178	8864	0.310	ng/ul	96
19) Fluoranthene	19.243	202	11632	0.349	ng/ul#	91
20) Pyrene	19.606	202	11852	0.355	ng/ul#	89
21) Benzo(a)anthracene	21.360	228	9266	0.347	ng/ul	99
22) Chrysene	21.413	228	11080	0.347	ng/ul	98
24) Benzo(b)fluoranthene	23.014	252	10108	0.352	ng/ul	93
25) Benzo(k)fluoranthene	23.061	252	11079	0.341	ng/ul#	94
26) Benzo(a)pyrene	23.620	252	8308	0.344	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.136	276	11784	0.404	ng/ul#	52
28) Dibenzo(a,h)anthracene	26.156	278	9280	0.406	ng/ul#	89
29) Benzo(g,h,i)perylene	26.874	276	9583	0.355	ng/ul#	85

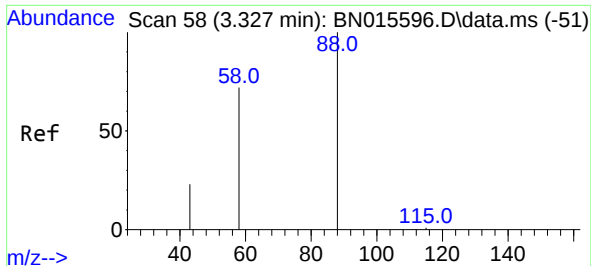
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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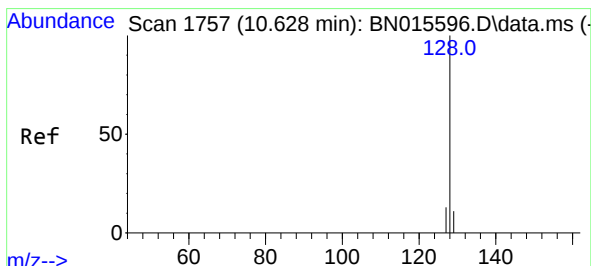
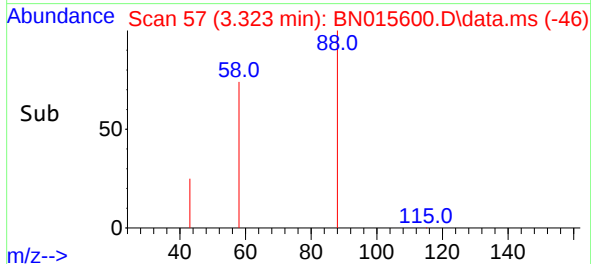
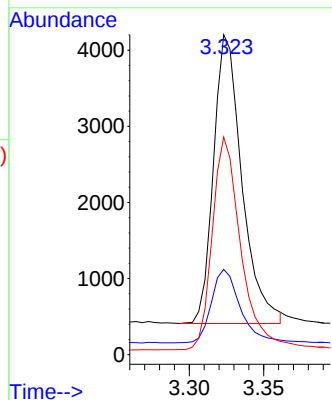
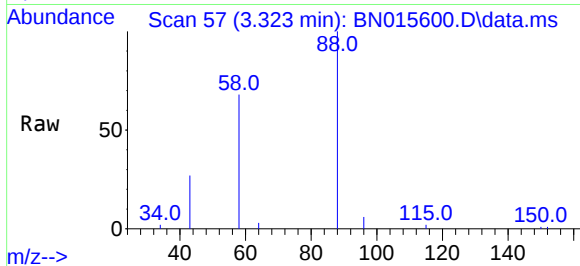




#2
1,4-Dioxane
Concen: 1.742 ng/ul
RT: 3.323 min Scan# 57
Delta R.T. -0.004 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

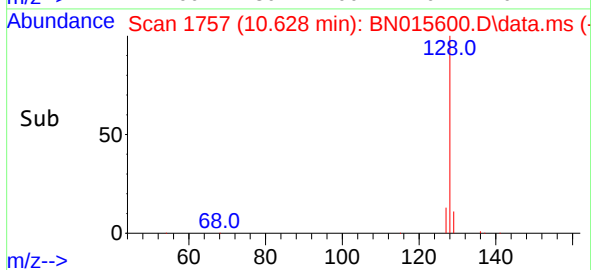
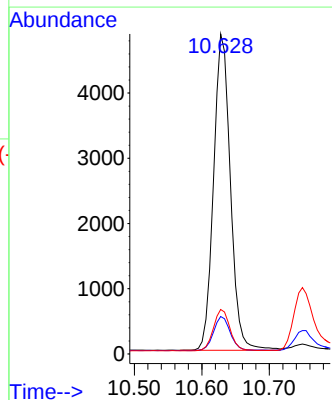
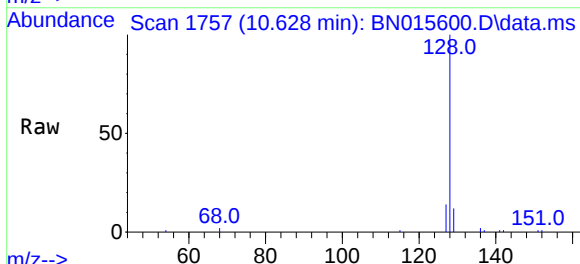
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BNA_N
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SLCS520

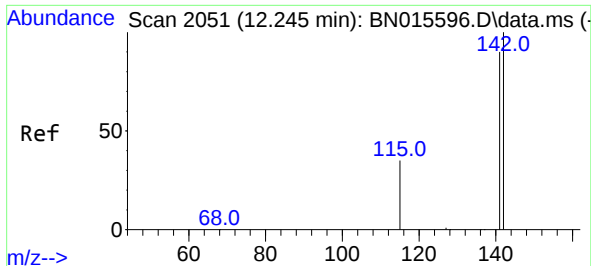
Tgt Ion: 88 Resp: 5034
Ion Ratio Lower Upper
88 100
43 26.7 22.5 33.7
58 68.0 30.4 45.6#



#5
Naphthalene
Concen: 0.322 ng/ul
RT: 10.628 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

Tgt Ion: 128 Resp: 8393
Ion Ratio Lower Upper
128 100
129 11.7 10.9 16.3
127 13.9 15.7 23.5#

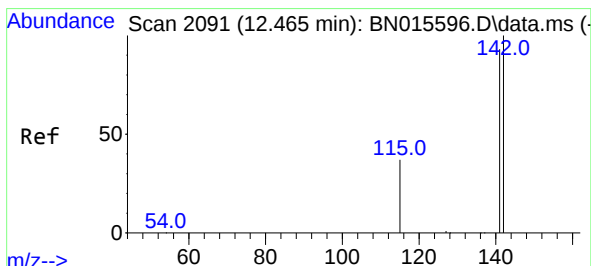
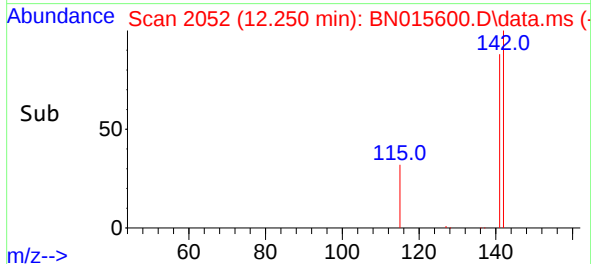
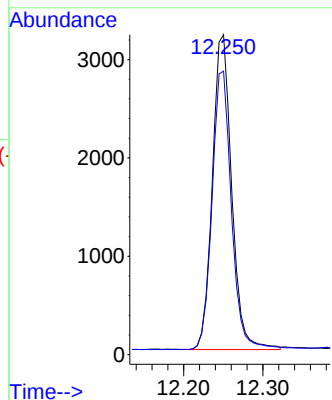
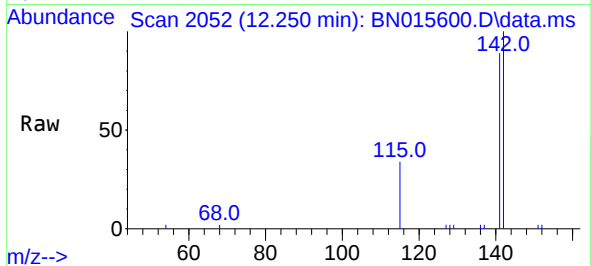




#7
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.250 min Scan# 2052
Delta R.T. 0.006 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

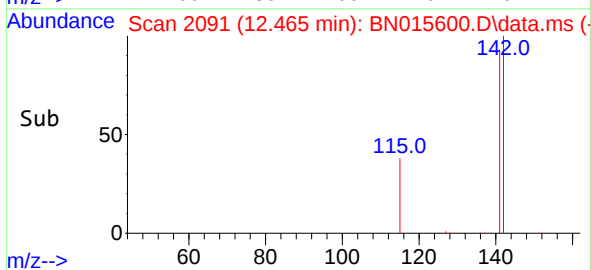
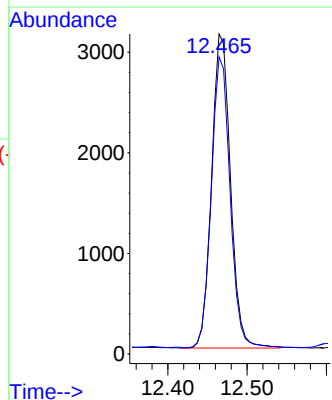
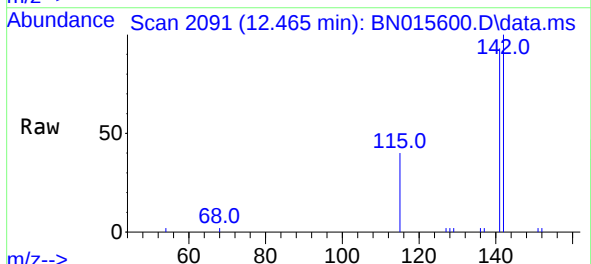
Instrument :
BNA_N
ClientSampleId :
SLCS520

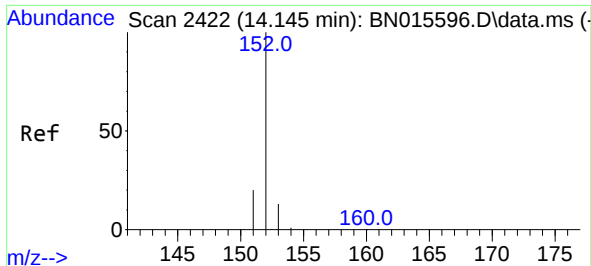
Tgt Ion:142 Resp: 5419
Ion Ratio Lower Upper
142 100
141 88.7 70.2 105.2



#8
1-Methylnaphthalene
Concen: 0.313 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

Tgt Ion:142 Resp: 5170
Ion Ratio Lower Upper
142 100
141 91.8 73.9 110.9

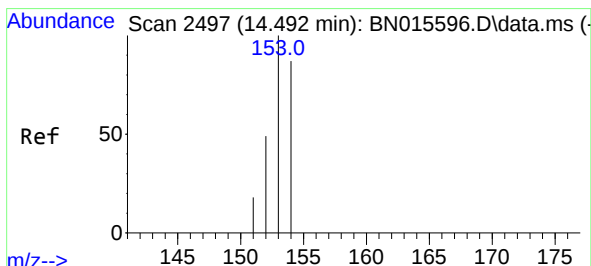
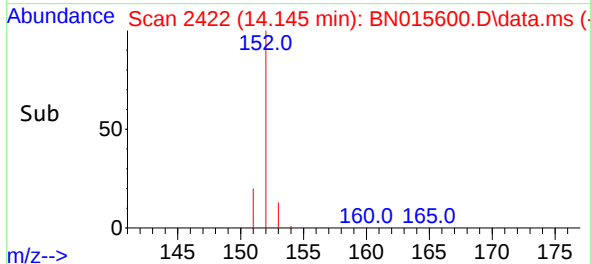
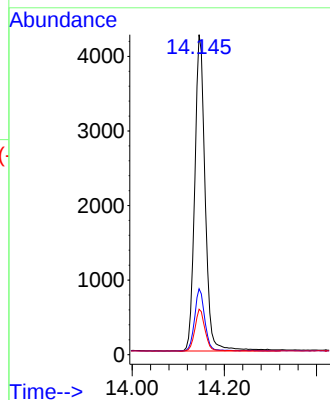
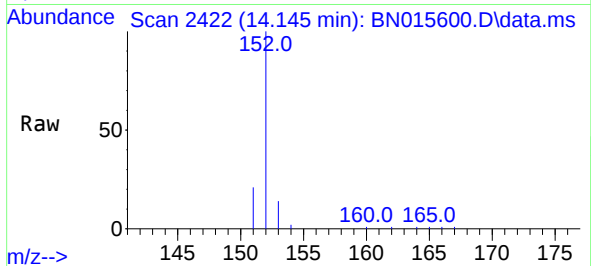




#10
Acenaphthylene
Concen: 0.296 ng/ul
RT: 14.145 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

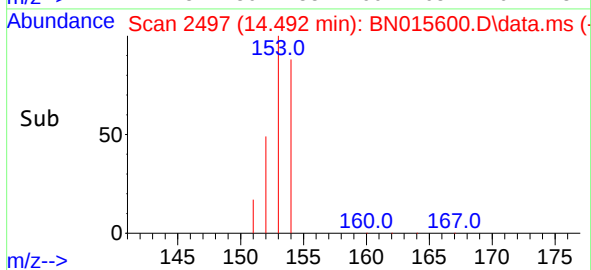
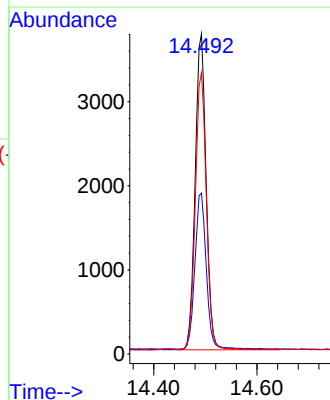
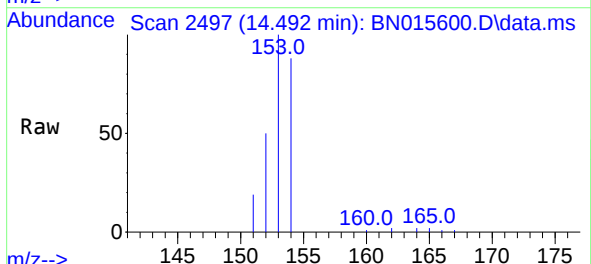
Instrument :
BNA_N
ClientSampleId :
SLCS520

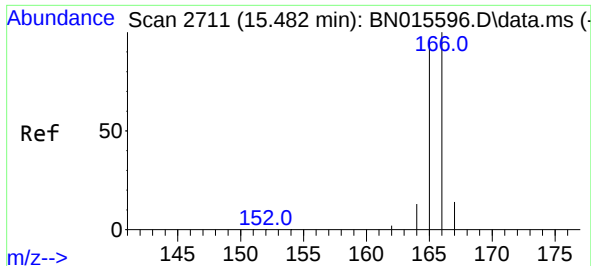
Tgt Ion:152	Resp:	6656
Ion Ratio	Lower	Upper
152	100	
151	20.6	20.2 30.4
153	14.2	14.2 21.4#



#11
Acenaphthene
Concen: 0.325 ng/ul
RT: 14.492 min Scan# 2497
Delta R.T. 0.000 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

Tgt Ion:153	Resp:	5590
Ion Ratio	Lower	Upper
153	100	
152	50.2	39.7 59.5
154	87.8	71.0 106.4

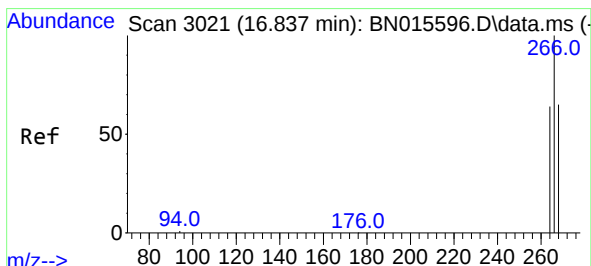
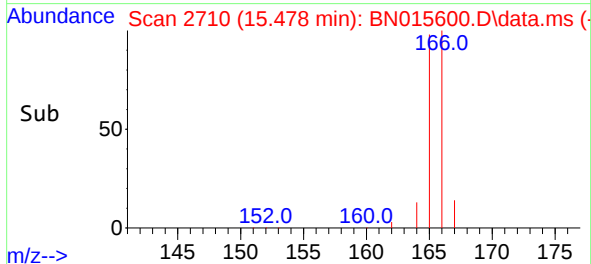
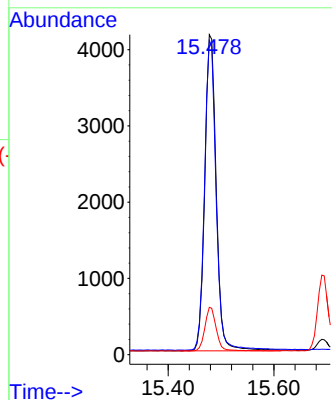
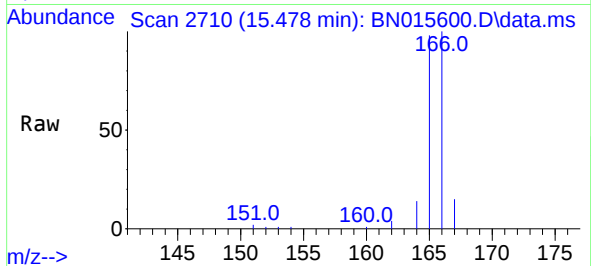




#12
Fluorene
Concen: 0.328 ng/ul
RT: 15.478 min Scan# 2710
Delta R.T. -0.005 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

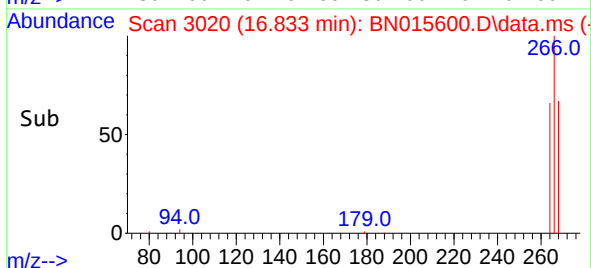
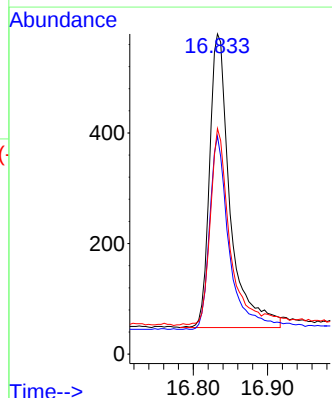
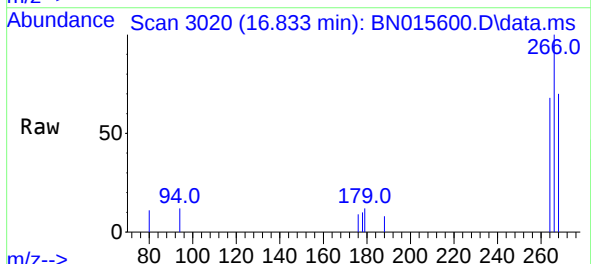
Instrument :
BNA_N
ClientSampleId :
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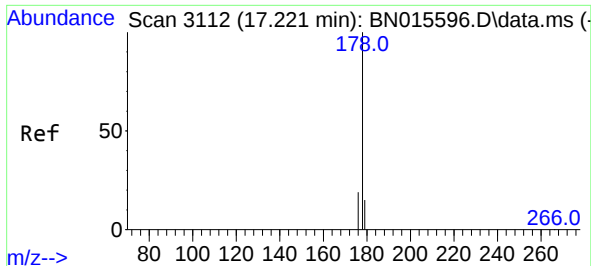
Tgt Ion:166 Resp: 6231
Ion Ratio Lower Upper
166 100
165 98.2 79.3 118.9
167 14.8 13.8 20.6



#14
Pentachlorophenol
Concen: 0.516 ng/ul
RT: 16.833 min Scan# 3020
Delta R.T. -0.004 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

Tgt Ion:266 Resp: 1020
Ion Ratio Lower Upper
266 100
264 63.1 52.9 79.3
268 65.5 59.4 89.0

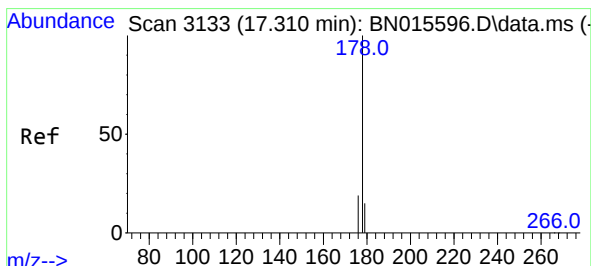
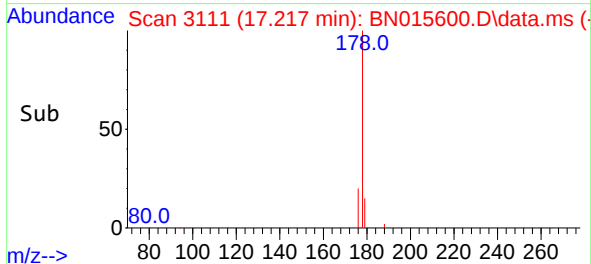
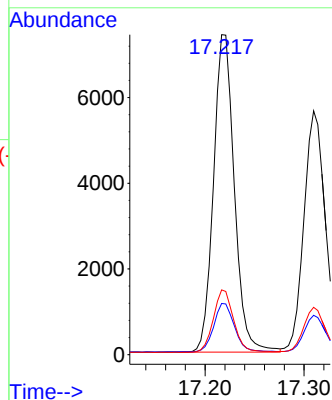
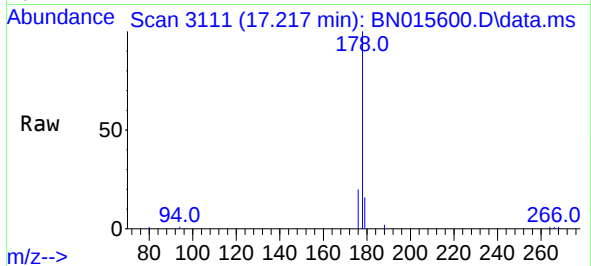




#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.217 min Scan# 3111
Delta R.T. -0.004 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

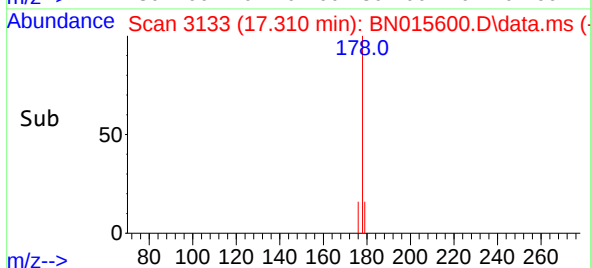
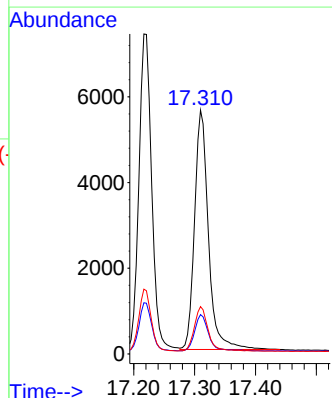
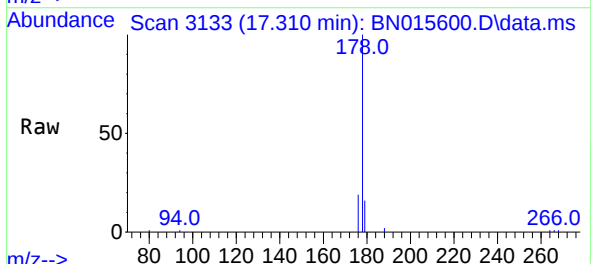
Instrument :
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ClientSampled :
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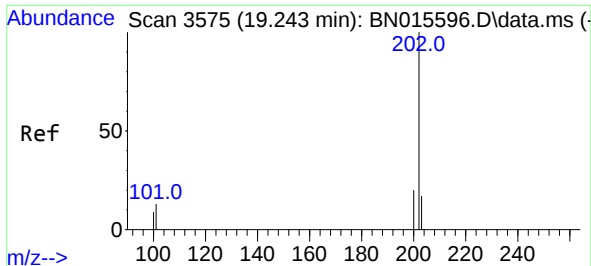
Tgt Ion:178	Resp:	10826
Ion Ratio	Lower	Upper
178	100	
179	16.0	13.8 20.6
176	20.2	16.2 24.4



#16
Anthracene
Concen: 0.310 ng/ul
RT: 17.310 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

Tgt Ion:178	Resp:	8864
Ion Ratio	Lower	Upper
178	100	
179	16.1	14.3 21.5
176	19.4	17.1 25.7

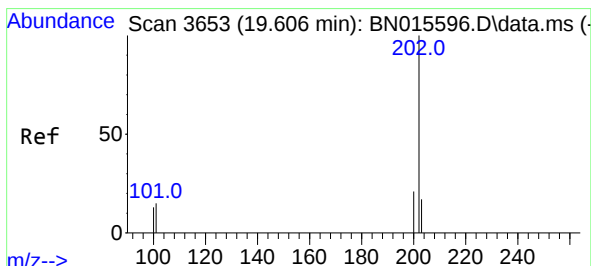
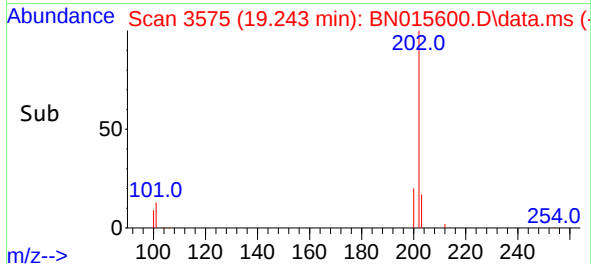
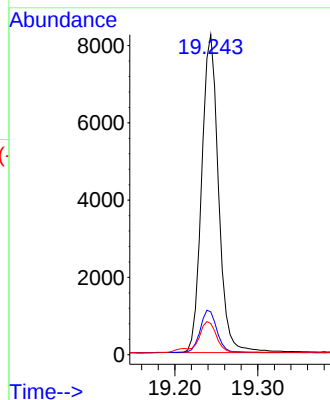
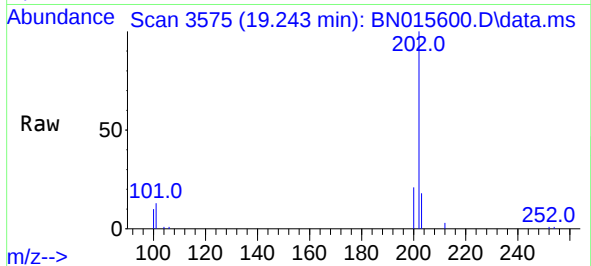




#19
Fluoranthene
Concen: 0.349 ng/ul
RT: 19.243 min Scan# 3575
Delta R.T. 0.000 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

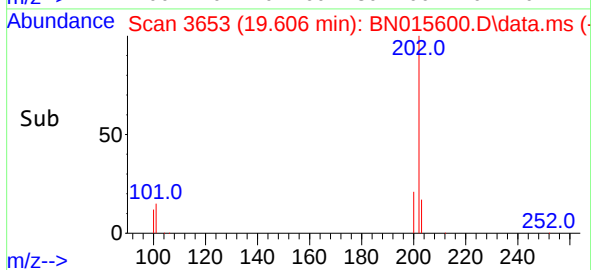
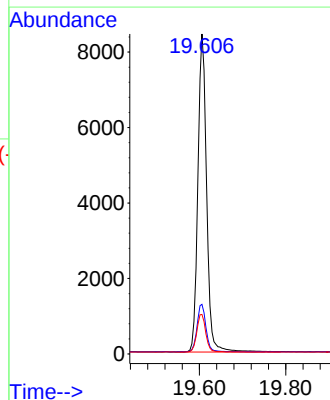
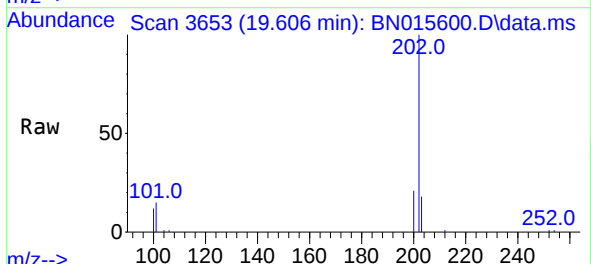
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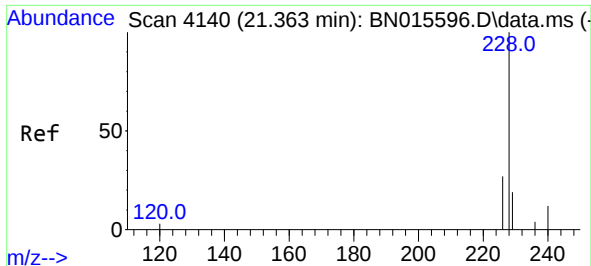
Tgt Ion:	202	Resp:	11632
Ion	Ratio	Lower	Upper
202	100		
101	13.4	7.6	11.4#
100	9.8	5.9	8.9#



#20
Pyrene
Concen: 0.355 ng/ul
RT: 19.606 min Scan# 3653
Delta R.T. 0.000 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

Tgt Ion:	202	Resp:	11852
Ion	Ratio	Lower	Upper
202	100		
101	15.5	8.5	12.7#
100	12.3	7.4	11.2#

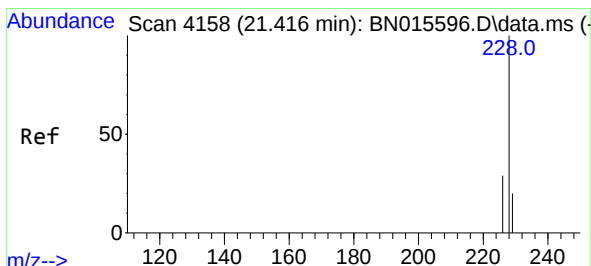
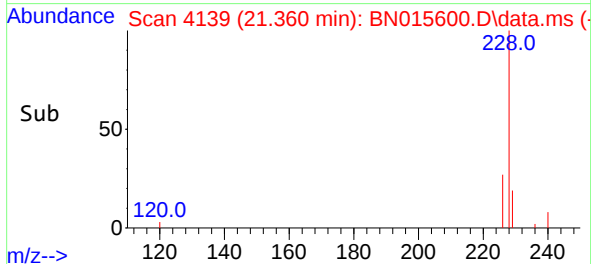
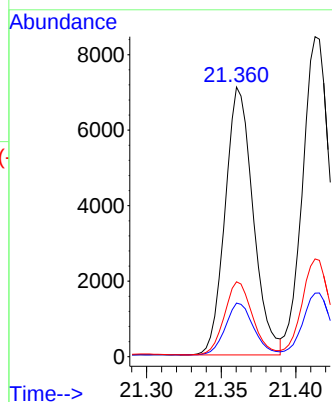
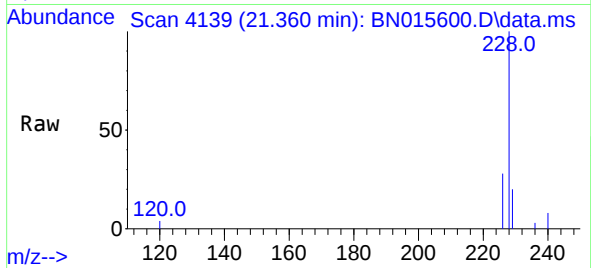




#21
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.360 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

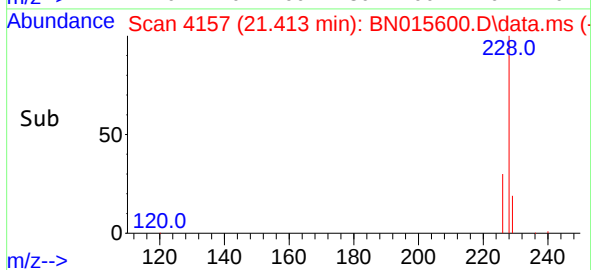
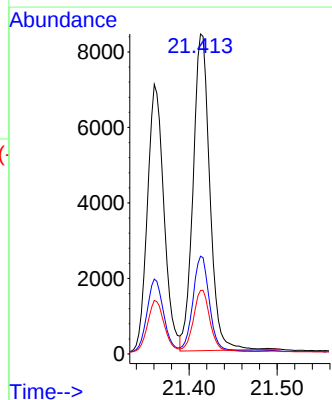
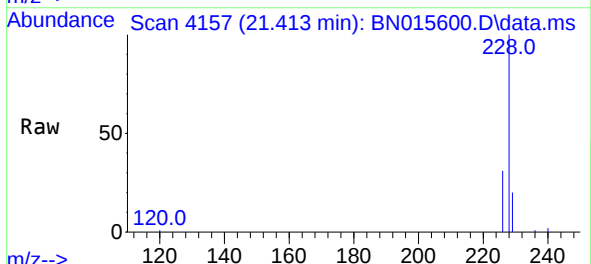
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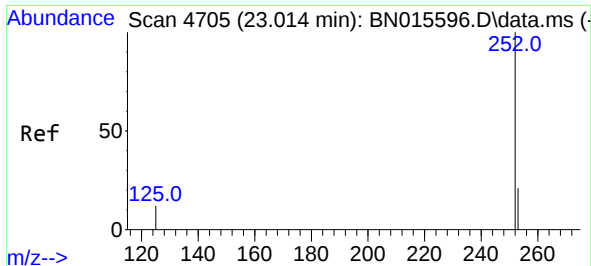
Tgt Ion:	228	Resp:	9266
Ion Ratio	Lower	Upper	
228	100		
229	19.9	16.3	24.5
226	27.7	22.6	33.8



#22
Chrysene
Concen: 0.347 ng/ul
RT: 21.413 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

Tgt Ion:	228	Resp:	11080
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.3	37.9
229	19.8	16.2	24.4

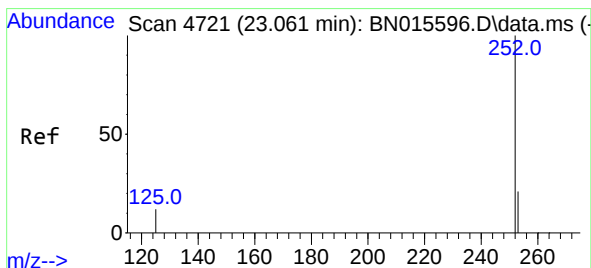
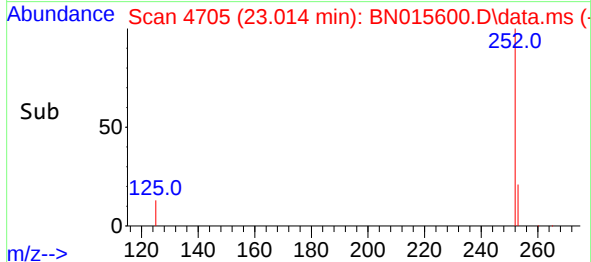
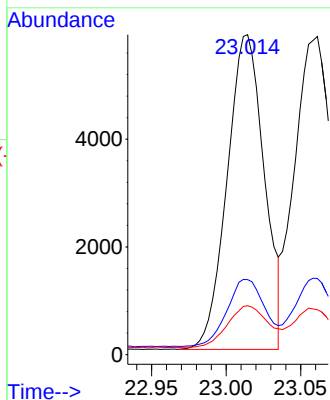
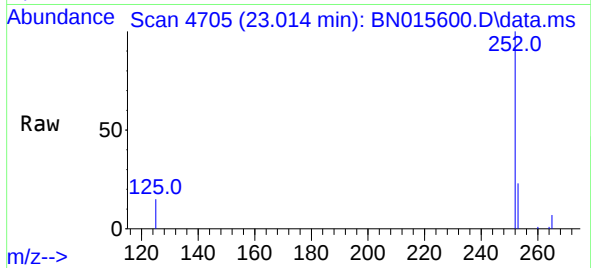




#24
Benzo(b)fluoranthene
Concen: 0.352 ng/ul
RT: 23.014 min Scan# 4705
Delta R.T. 0.000 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

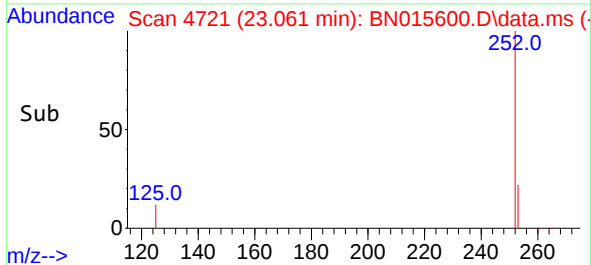
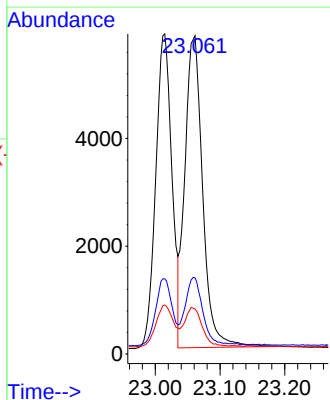
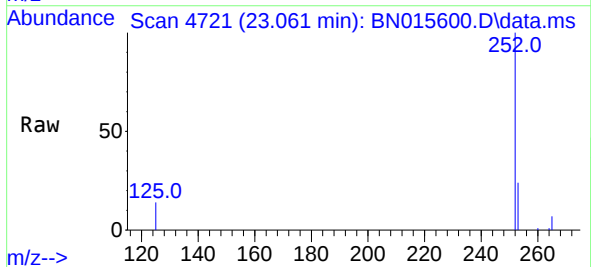
Instrument :
BNA_N
ClientSampleId :
SLCS520

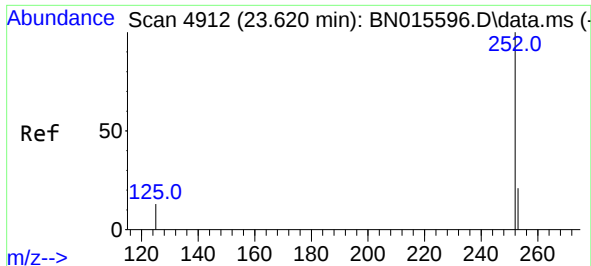
Tgt Ion:	252	Resp:	10108
Ion Ratio	Lower	Upper	
252	100		
253	23.5	0.0	50.2
125	15.3	0.0	19.4



#25
Benzo(k)fluoranthene
Concen: 0.341 ng/ul
RT: 23.061 min Scan# 4721
Delta R.T. 0.000 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

Tgt Ion:	252	Resp:	11079
Ion Ratio	Lower	Upper	
252	100		
253	23.9	20.5	30.7
125	14.1	6.9	10.3

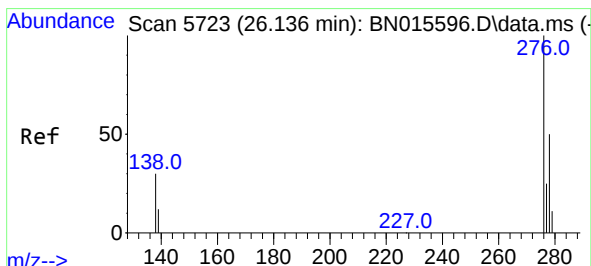
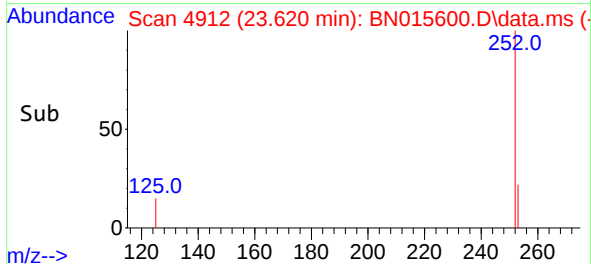
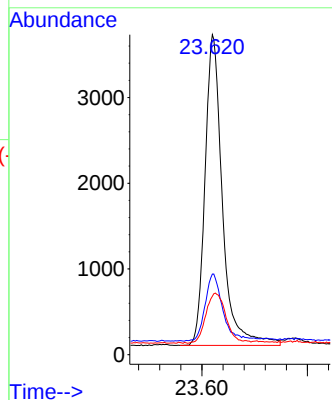
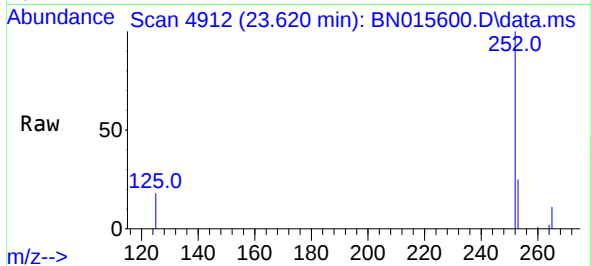




#26
Benzo(a)pyrene
Concen: 0.344 ng/ul
RT: 23.620 min Scan# 4912
Delta R.T. 0.000 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

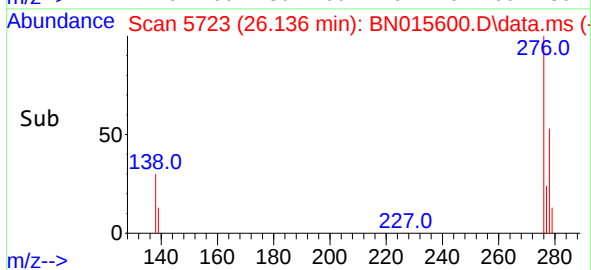
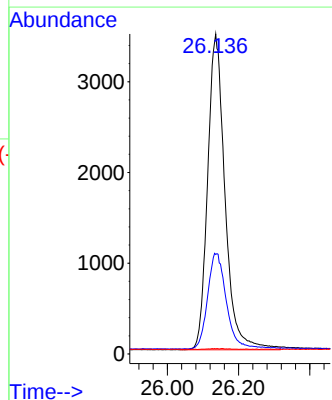
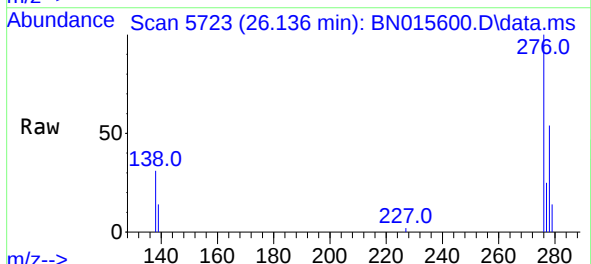
Instrument :
BNA_N
ClientSampleId :
SLCS520

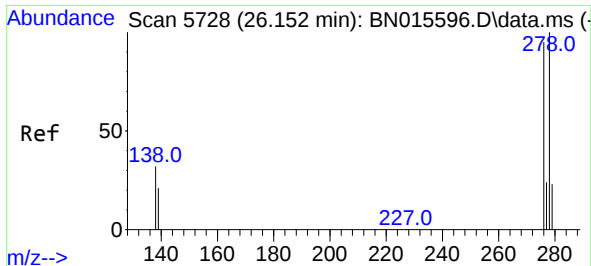
Tgt Ion:	252	Resp:	8308
Ion Ratio	Lower	Upper	
252	100		
253	25.2	23.0	34.6
125	18.2	9.5	14.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng/ul
RT: 26.136 min Scan# 5723
Delta R.T. 0.000 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

Tgt Ion:	276	Resp:	11784
Ion Ratio	Lower	Upper	
276	100		
138	32.9	10.9	16.3#
227	0.2	0.1	0.1#

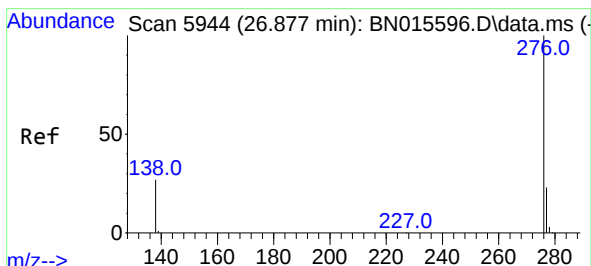
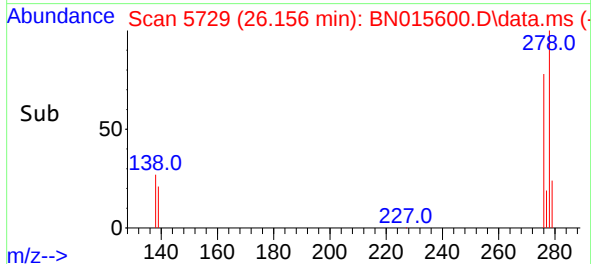
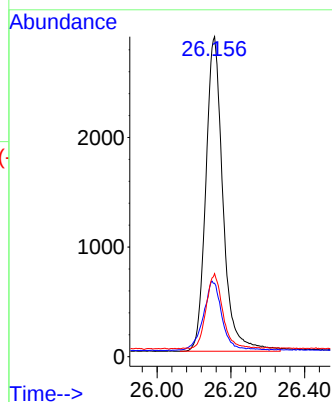
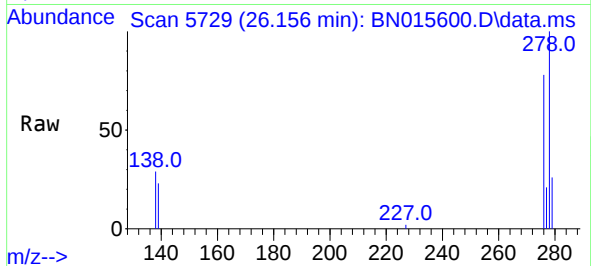




#28
Dibenzo(a,h)anthracene
Concen: 0.406 ng/ul
RT: 26.156 min Scan# 5729
Delta R.T. 0.003 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

Instrument :
BNA_N
ClientSampleId :
SLCS520

Tgt Ion:278 Resp: 9280
Ion Ratio Lower Upper
278 100
139 22.9 10.6 16.0#
279 26.0 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.355 ng/ul
RT: 26.874 min Scan# 5943
Delta R.T. -0.003 min
Lab File: BN015600.D
Acq: 16 Jul 2021 17:33

Tgt Ion:276 Resp: 9583
Ion Ratio Lower Upper
276 100
138 29.1 11.5 17.3#
277 24.9 21.4 32.2

